

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041209.D
 Acq On : 23 Apr 2024 12:18
 Operator : JC/MD
 Sample : VX0423WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2024
 Supervised By : Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:44:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	189714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	258237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86210	47.737	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.379	113	75395	47.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.000%		
50) Toluene-d8	8.647	98	259151	48.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	96796	49.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30045	20.023	ug/l	98
3) Chloromethane	1.301	50	28369	17.462	ug/l	95
4) Vinyl Chloride	1.374	62	30944	19.047	ug/l	98
5) Bromomethane	1.593	94	12892	14.094	ug/l	97
6) Chloroethane	1.666	64	9027	14.626	ug/l	97
7) Trichlorofluoromethane	1.861	101	50646	20.119	ug/l	99
8) Diethyl Ether	2.136	74	18197	19.643	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.313	101	28048	18.938	ug/l	87
10) Methyl Iodide	2.441	142	13869	7.765	ug/l	92
11) Tert butyl alcohol	3.026	59	36037	111.386	ug/l	96
12) 1,1-Dichloroethene	2.306	96	24303	17.578	ug/l	83
13) Acrolein	2.239	56	36065	99.370	ug/l	96
14) Allyl chloride	2.654	41	47763	21.266	ug/l #	94
15) Acrylonitrile	3.068	53	101743	123.067	ug/l	99
16) Acetone	2.392	43	78176	118.925	ug/l	96
17) Carbon Disulfide	2.495	76	54793	18.971	ug/l	97
18) Methyl Acetate	2.709	43	46558	23.943	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	104655	21.174	ug/l	100
20) Methylene Chloride	2.782	84	32564	20.284	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	28786	18.840	ug/l	87
22) Diisopropyl ether	3.763	45	100313	20.657	ug/l	92
23) Vinyl Acetate	3.721	43	463836	111.650	ug/l	96
24) 1,1-Dichloroethane	3.599	63	55429	20.419	ug/l	98
25) 2-Butanone	4.568	43	139467	124.232	ug/l	95
26) 2,2-Dichloropropane	4.465	77	45323	19.755	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	36927	19.499	ug/l	89
28) Bromochloromethane	4.897	49	18906	18.353	ug/l #	72
29) Tetrahydrofuran	5.013	42	91973	120.258	ug/l	94
30) Chloroform	5.086	83	59335	20.365	ug/l	95
31) Cyclohexane	5.458	56	47487	19.538	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	52674	20.167	ug/l	97
36) 1,1-Dichloropropene	5.684	75	37681	18.748	ug/l	96
37) Ethyl Acetate	4.715	43	54317	24.632	ug/l	99
38) Carbon Tetrachloride	5.666	117	45494	20.266	ug/l	98
39) Methylcyclohexane	7.373	83	53669	20.132	ug/l	92
40) Benzene	6.031	78	124521	20.060	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26654	23.218	ug/l	91
42) 1,2-Dichloroethane	6.086	62	45101	20.955	ug/l	94
43) Isopropyl Acetate	6.342	43	77675	21.866	ug/l	97
44) Trichloroethene	7.123	130	34557	19.148	ug/l	84
45) 1,2-Dichloropropane	7.427	63	29488	19.813	ug/l	96
46) Dibromomethane	7.580	93	21526	19.396	ug/l #	78
47) Bromodichloromethane	7.818	83	40603	19.848	ug/l	99
48) Methyl methacrylate	7.696	41	35152	20.922	ug/l	93
49) 1,4-Dioxane	7.677	88	15101	417.575	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	271642	122.171	ug/l	98
52) Toluene	8.714	92	82038	20.974	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40114	19.991	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41190	18.057	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	33429	21.903	ug/l	97
56) Ethyl methacrylate	9.116	69	51047	21.878	ug/l	95
57) 1,3-Dichloropropane	9.305	76	54010	21.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	90332	79.547	ug/l	92
59) 2-Hexanone	9.433	43	211502	124.045	ug/l	96
60) Dibromochloromethane	9.519	129	37995	21.566	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34927	21.330	ug/l	97
64) Tetrachloroethene	9.269	164	35382	20.137	ug/l	90
65) Chlorobenzene	10.079	112	93639	19.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	32980	20.421	ug/l	97
67) Ethyl Benzene	10.195	91	150727	20.031	ug/l	97
68) m/p-Xylenes	10.299	106	120720	39.742	ug/l	93
69) o-Xylene	10.640	106	59923	20.283	ug/l	95
70) Styrene	10.652	104	97940	20.377	ug/l	95
71) Bromoform	10.799	173	30087	21.790	ug/l #	98
73) Isopropylbenzene	10.963	105	156529	20.497	ug/l	96
74) N-amyl acetate	10.841	43	64231	21.401	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	53539	22.231	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	43107m	21.798	ug/l	
77) Bromobenzene	11.201	156	43732	19.678	ug/l	77
78) n-propylbenzene	11.305	91	166796	20.227	ug/l	96
79) 2-Chlorotoluene	11.366	91	105712	20.258	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	131143	20.642	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13409	19.130	ug/l	99
82) 4-Chlorotoluene	11.451	91	116989	19.784	ug/l	92
83) tert-Butylbenzene	11.713	119	141949	20.864	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	131075	20.786	ug/l	93
85) sec-Butylbenzene	11.890	105	163046	20.753	ug/l	95
86) p-Isopropyltoluene	12.006	119	142964	20.649	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	77547	19.426	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	78319	19.121	ug/l	95
89) n-Butylbenzene	12.335	91	96292	18.317	ug/l	97
90) Hexachloroethane	12.536	117	20104	17.603	ug/l #	52
91) 1,2-Dichlorobenzene	12.335	146	73917	18.487	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10964	21.696	ug/l	60
93) 1,2,4-Trichlorobenzene	13.591	180	46997	16.953	ug/l	95
94) Hexachlorobutadiene	13.725	225	24244	17.117	ug/l	99
95) Naphthalene	13.774	128	149016	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49924	17.097	ug/l	94

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Sample : VX0423WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

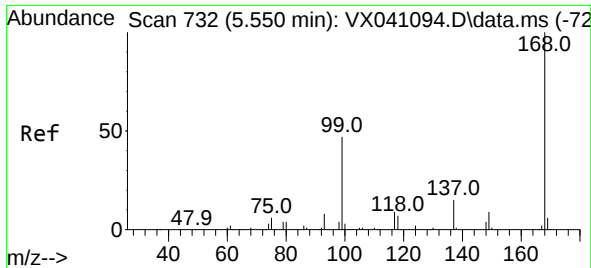
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/24/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

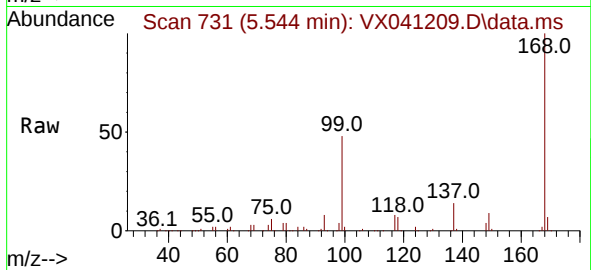
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

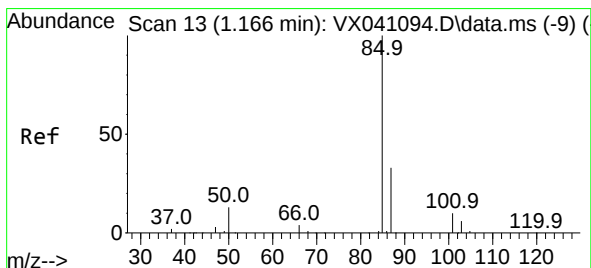
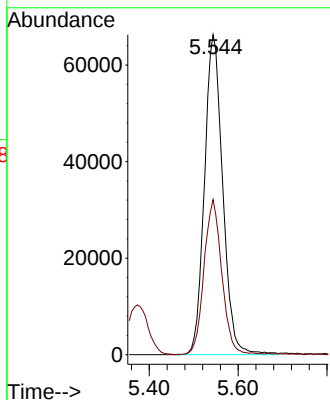
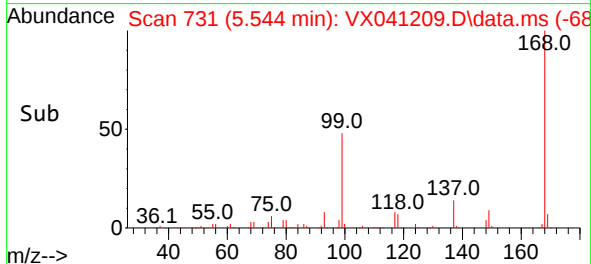
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:168 Resp: 189714
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0

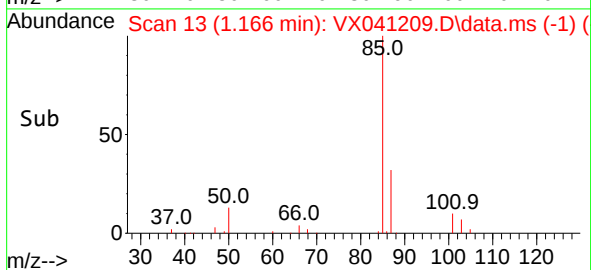
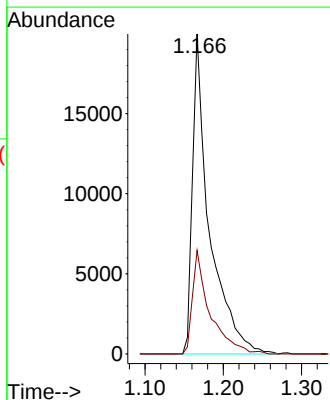
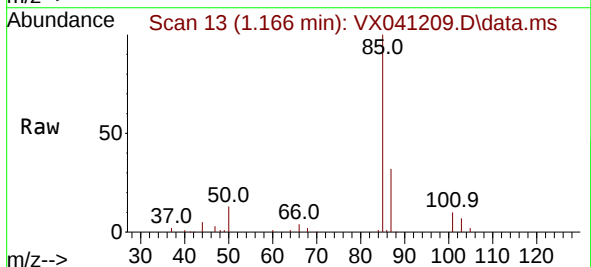
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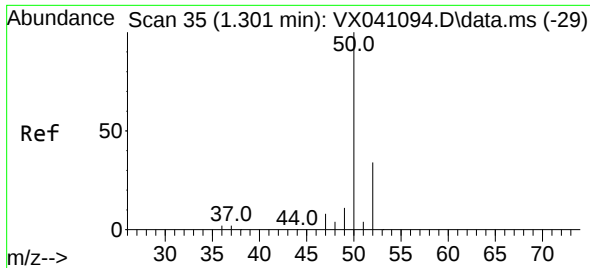
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#2
Dichlorodifluoromethane
Concen: 20.023 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

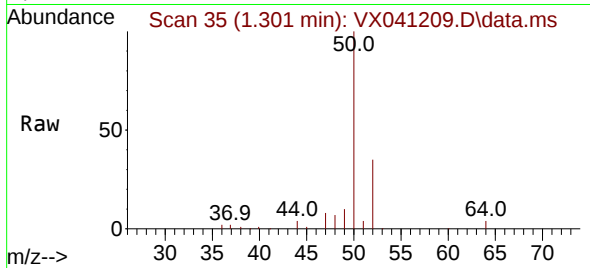
Tgt Ion: 85 Resp: 30045
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 17.462 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

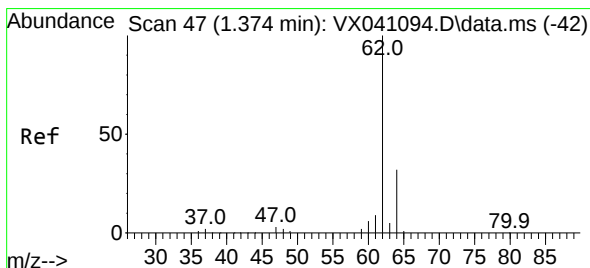
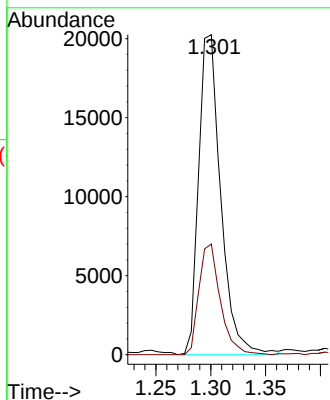
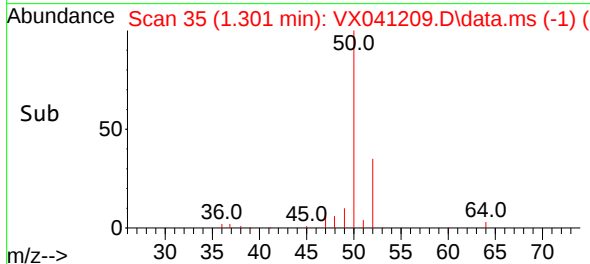
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 28369
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3

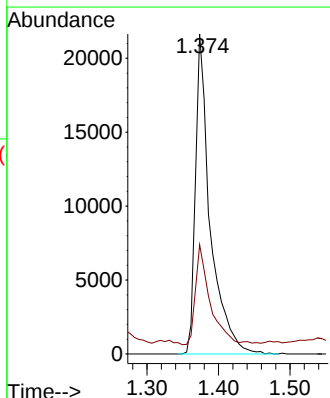
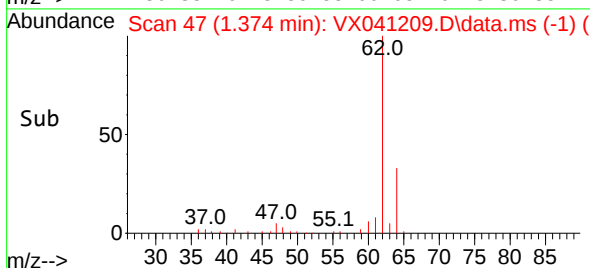
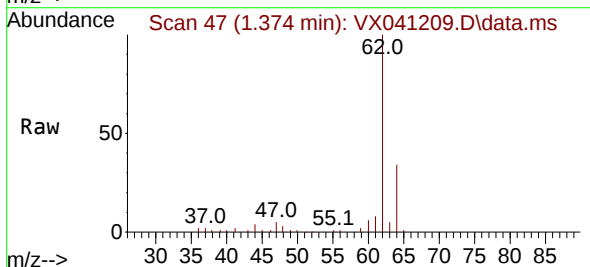
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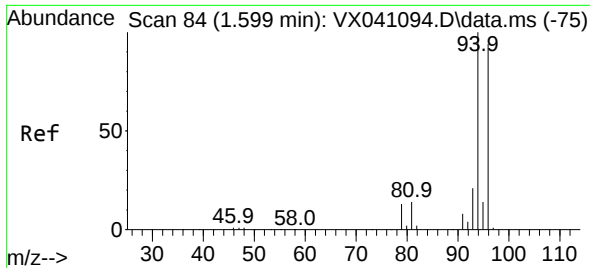
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#4
Vinyl Chloride
Concen: 19.047 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

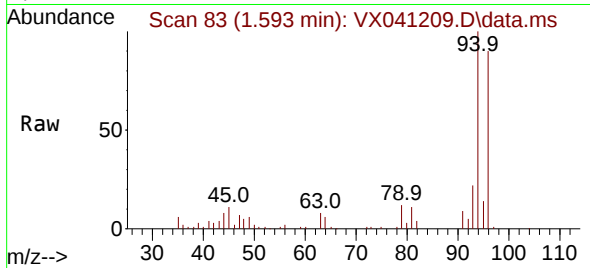
Tgt Ion: 62 Resp: 30944
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5
Bromomethane
Concen: 14.094 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

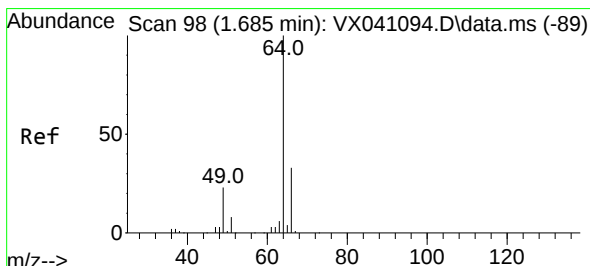
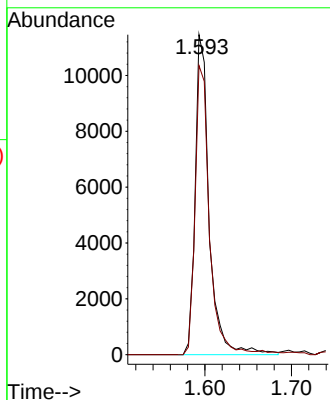
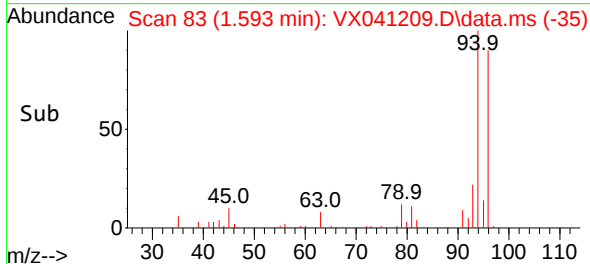
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1289
Ion Ratio Lower Upper
94 100
96 90.4 74.6 111.8

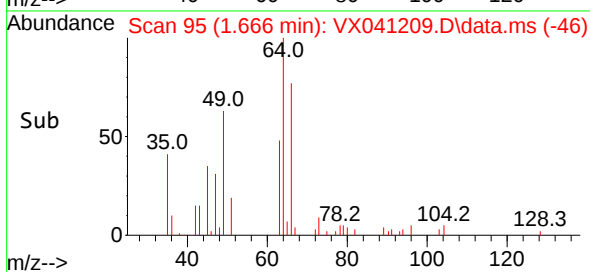
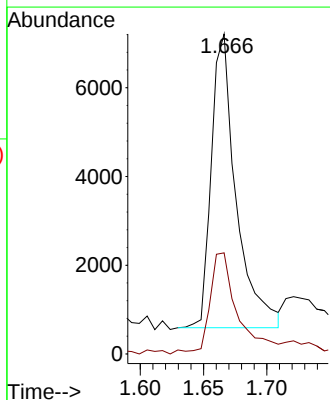
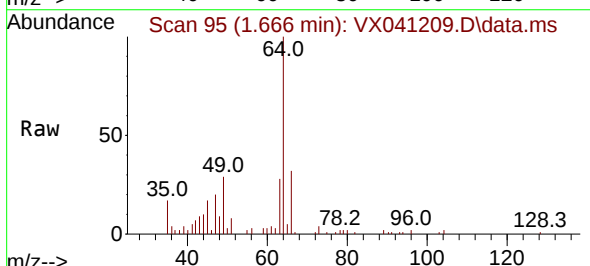
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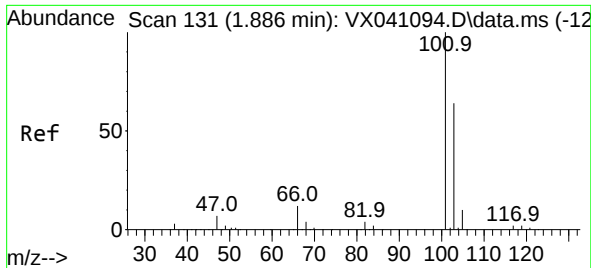
Reviewed By :John Carlone 04/24/2024
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#6
Chloroethane
Concen: 14.626 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041209.D
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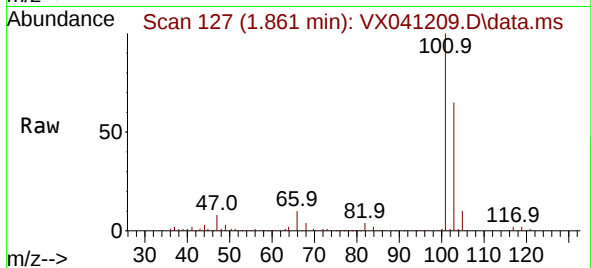
Tgt Ion: 64 Resp: 9027
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.119 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

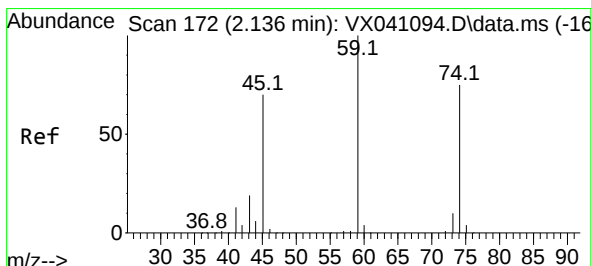
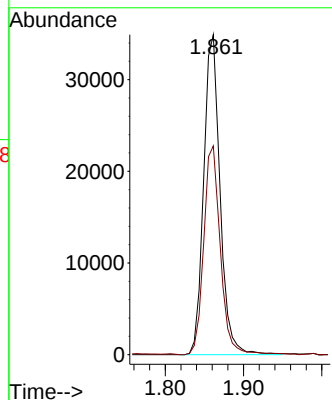
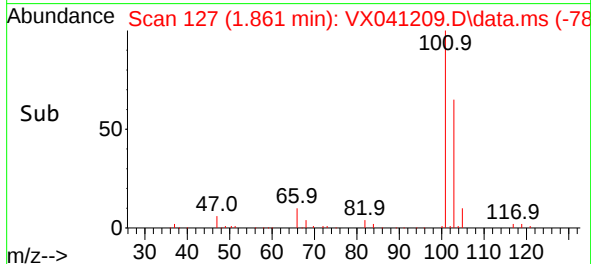
Instrument :
MSVOA_X
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VX0423WBSD01



Tgt Ion:101 Resp: 50640
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

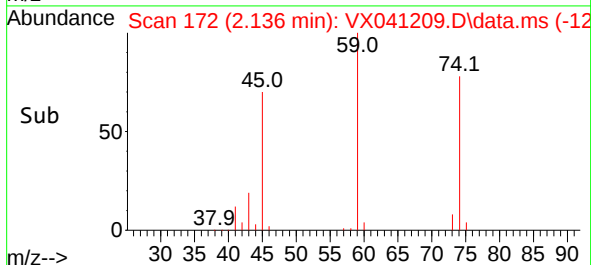
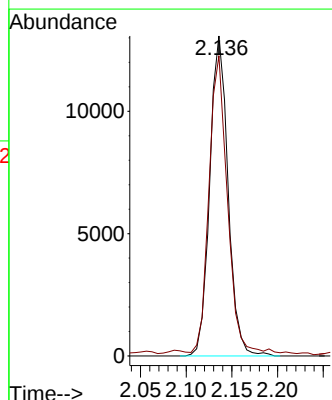
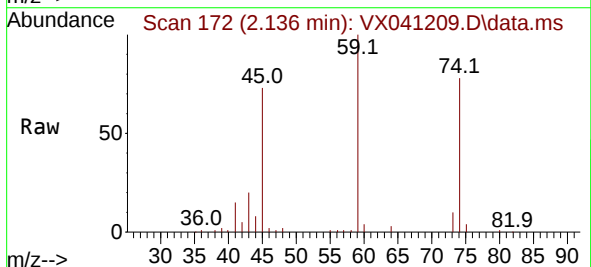
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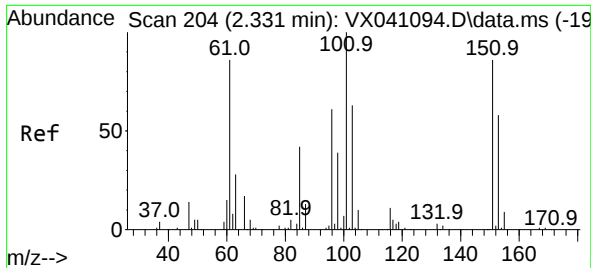
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#8
Diethyl Ether
Concen: 19.643 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 18197
Ion Ratio Lower Upper
74 100
45 95.5 53.3 159.8





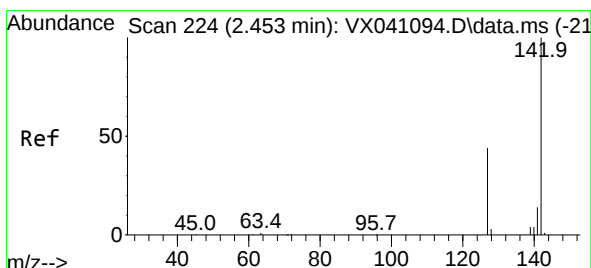
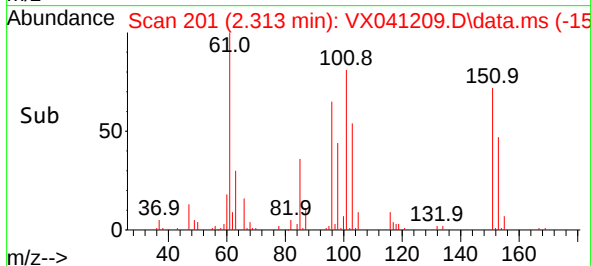
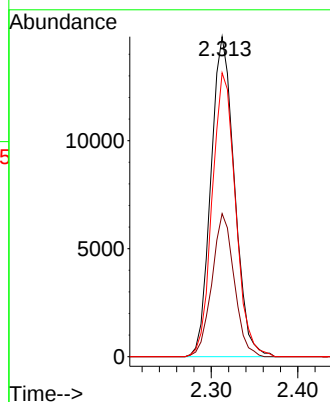
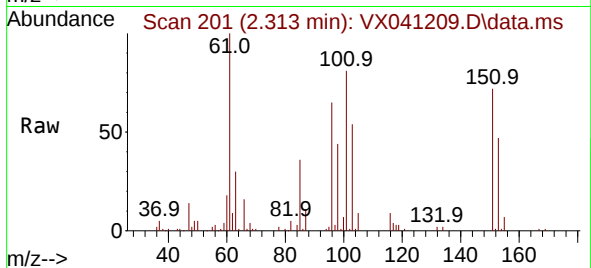
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.938 ug/l
RT: 2.313 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:101 Resp: 2804
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 87.7 58.6 87.8

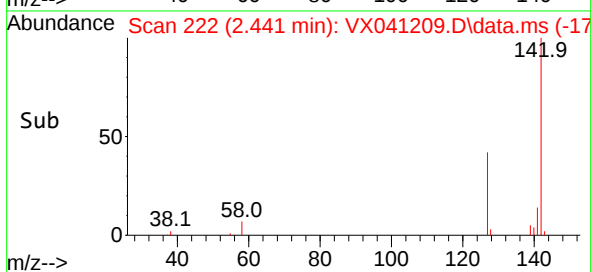
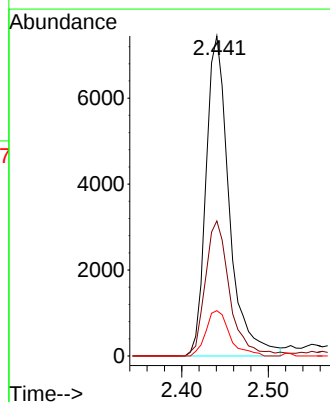
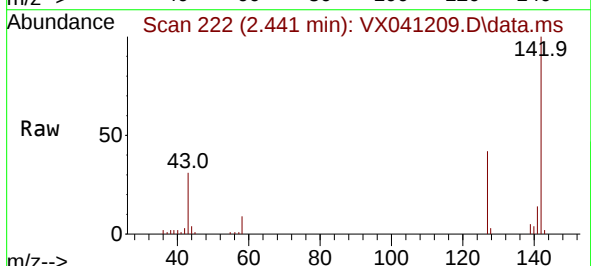
Manual Integrations
APPROVED

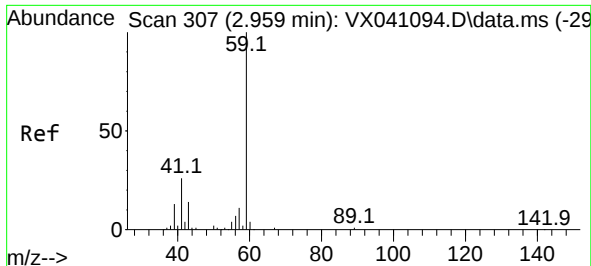
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#10
Methyl Iodide
Concen: 7.765 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

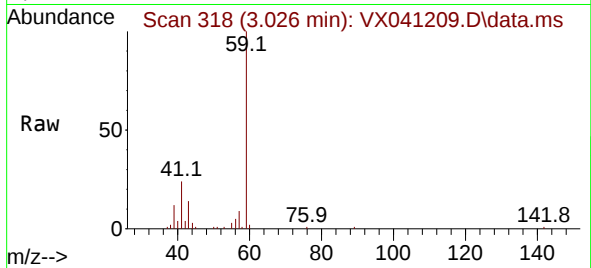
Tgt Ion:142 Resp: 13869
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 111.386 ug/l
RT: 3.026 min Scan# 31
Delta R.T. -0.037 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

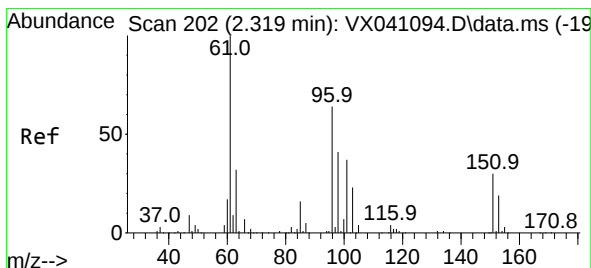
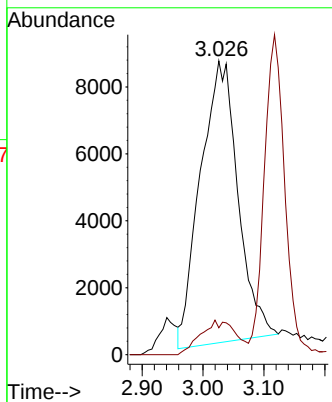
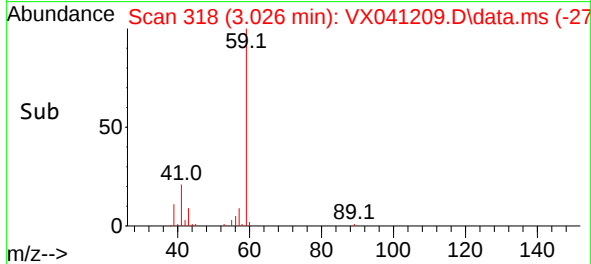
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 59 Resp: 3603
Ion Ratio Lower Upper
59 100
57 6.1 6.0 9.0

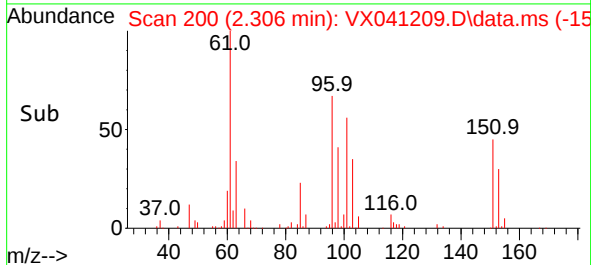
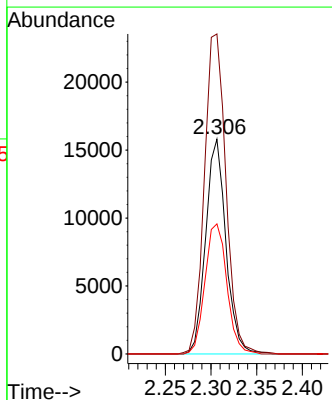
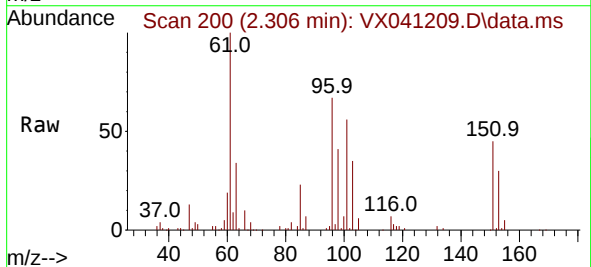
Manual Integrations
APPROVED

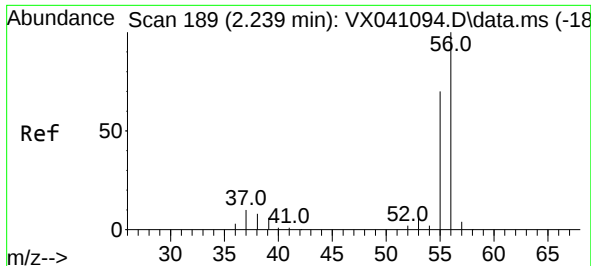
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#12
1,1-Dichloroethene
Concen: 17.578 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

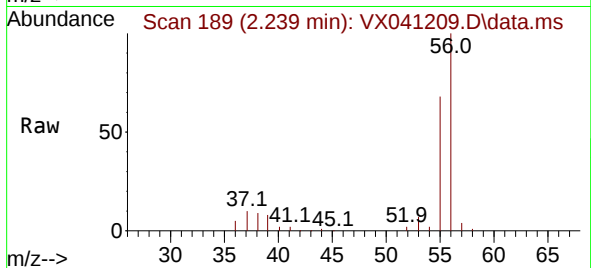
Tgt Ion: 96 Resp: 24303
Ion Ratio Lower Upper
96 100
61 149.0 144.6 216.8
98 60.6 50.4 75.6





#13
Acrolein
Concen: 99.370 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

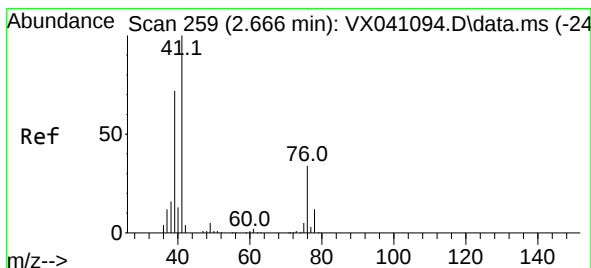
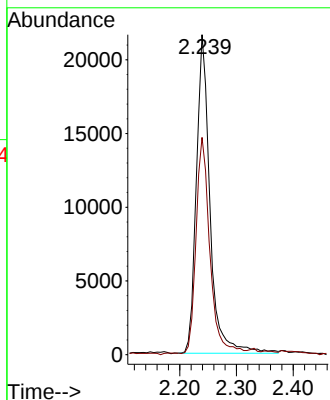
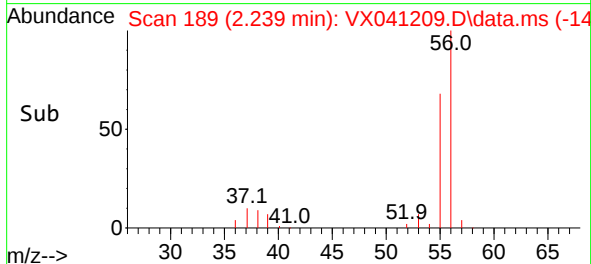
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
55 68.4 57.1 85.7

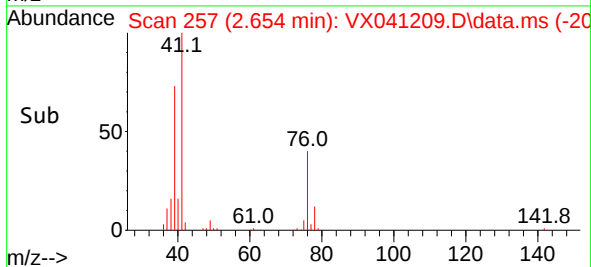
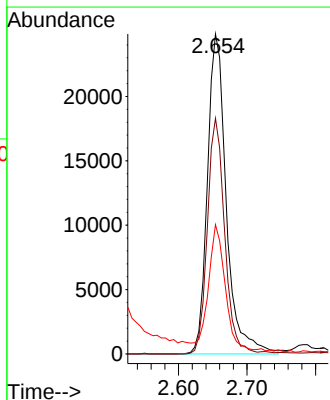
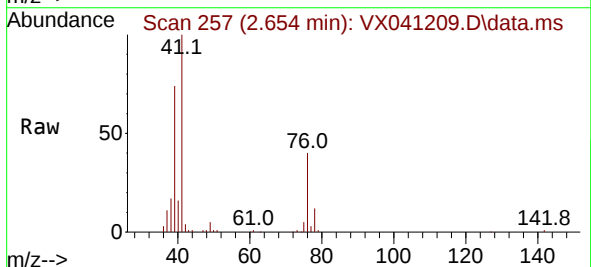
Manual Integrations
APPROVED

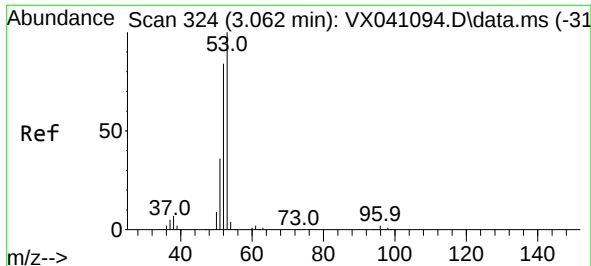
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#14
Allyl chloride
Concen: 21.266 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

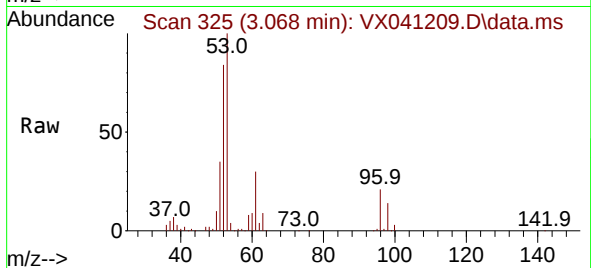
Tgt Ion: 41 Resp: 47763
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 37.8 24.3 36.5





#15
Acrylonitrile
Concen: 123.067 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

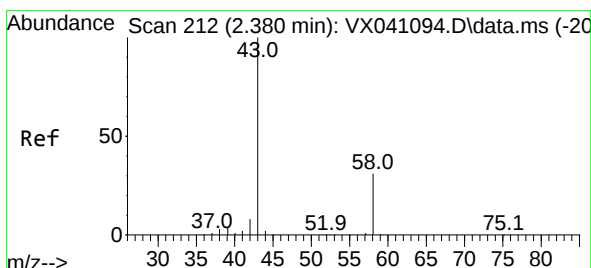
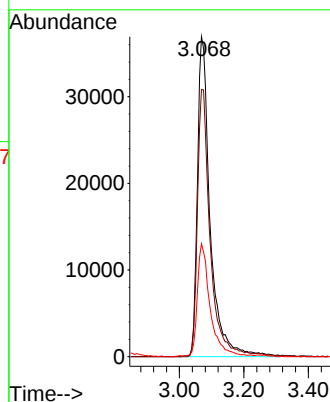
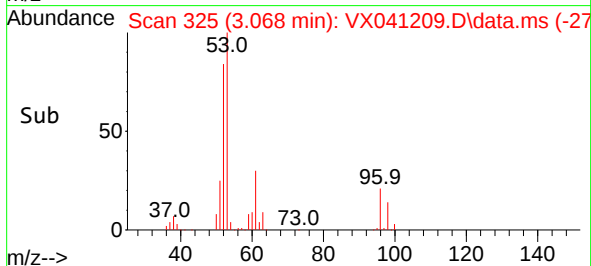
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 53 Resp: 10174
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 34.9 29.8 44.6

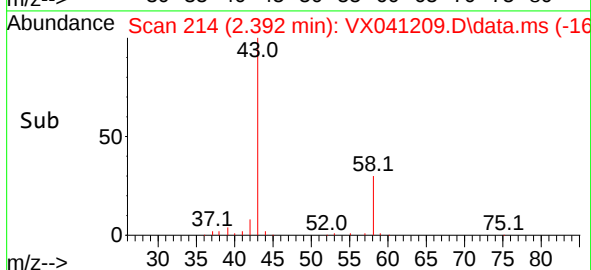
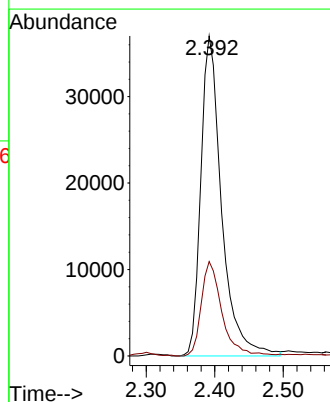
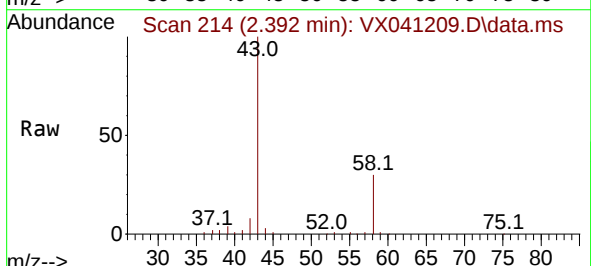
Manual Integrations
APPROVED

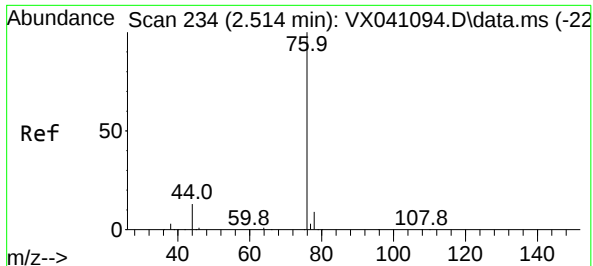
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#16
Acetone
Concen: 118.925 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 43 Resp: 78176
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





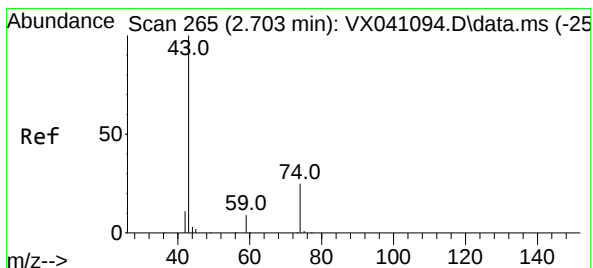
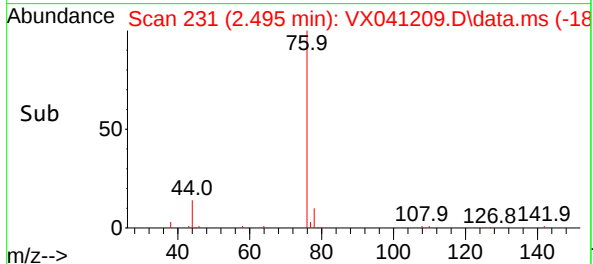
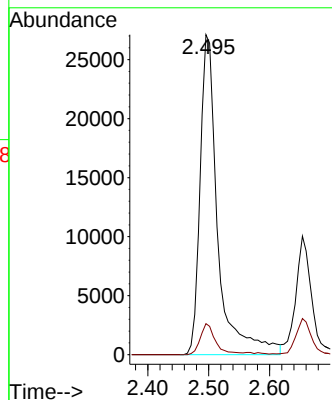
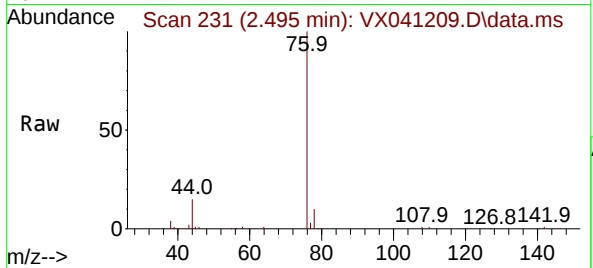
#17
Carbon Disulfide
Concen: 18.971 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 76 Resp: 5479
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

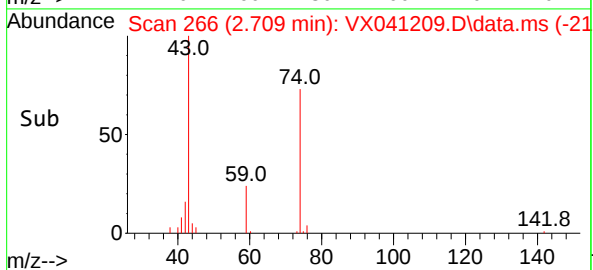
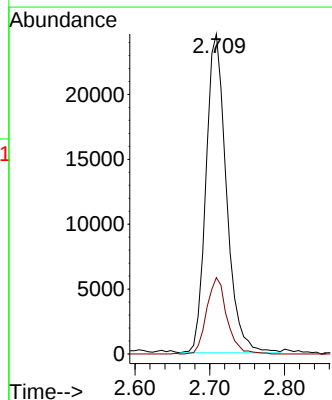
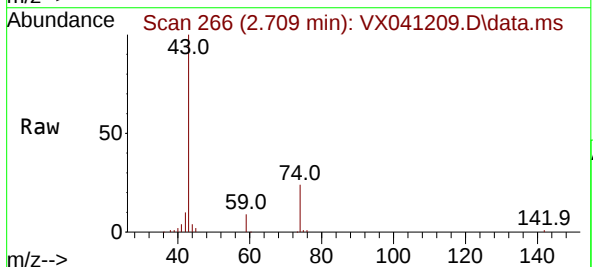
Manual Integrations
APPROVED

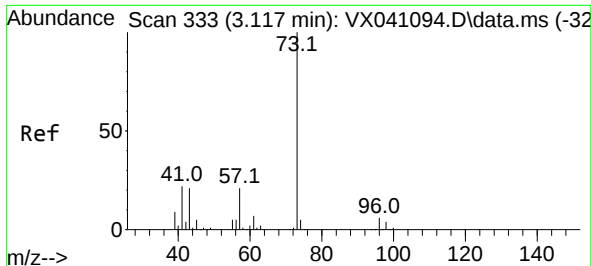
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#18
Methyl Acetate
Concen: 23.943 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

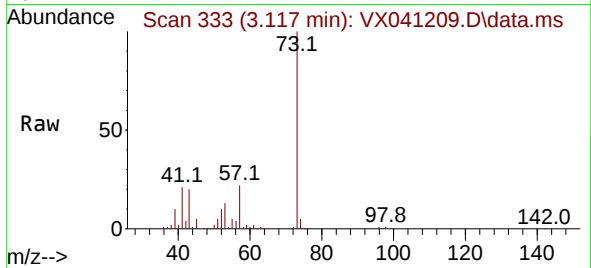
Tgt Ion: 43 Resp: 46558
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 21.174 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

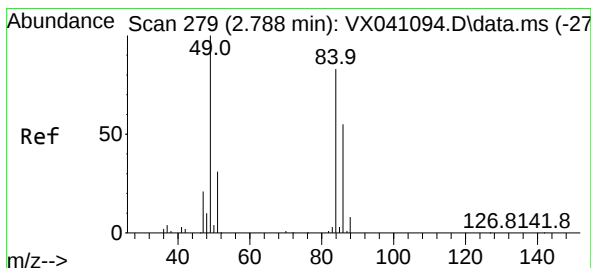
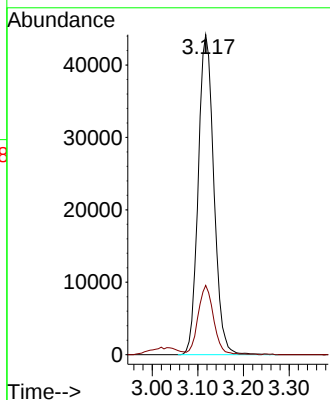
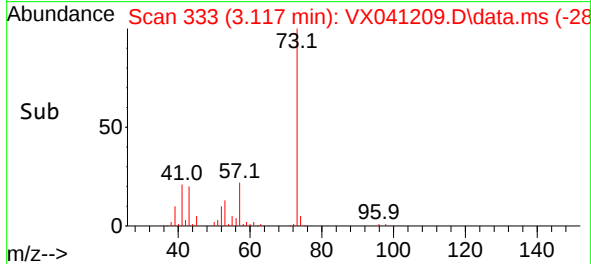
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 73 Resp: 10465
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

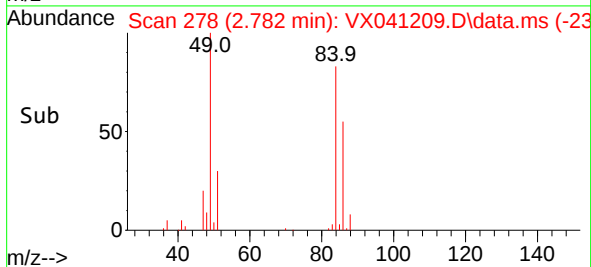
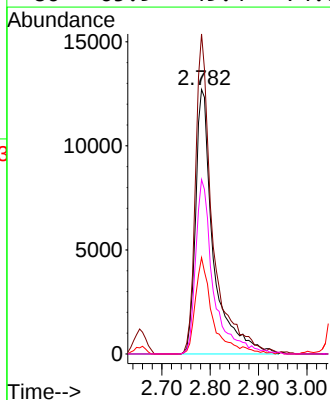
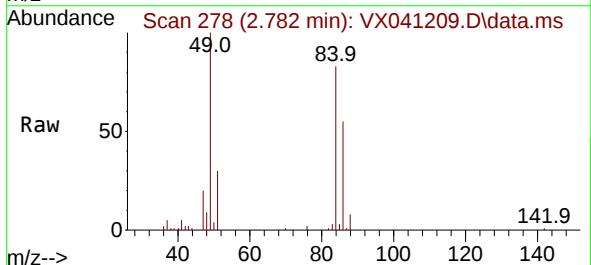
Manual Integrations
APPROVED

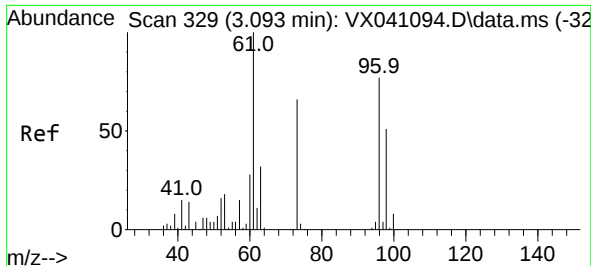
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#20
Methylene Chloride
Concen: 20.284 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

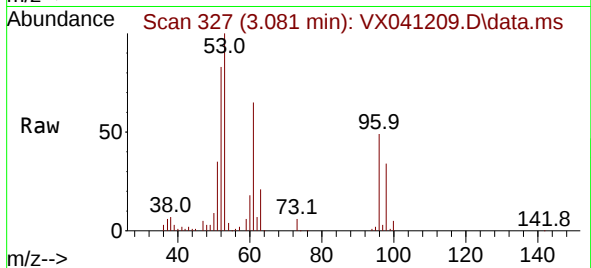
Tgt Ion: 84 Resp: 32564
Ion Ratio Lower Upper
84 100
49 121.0 103.6 155.4
51 36.4 33.8 50.6
86 65.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.840 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

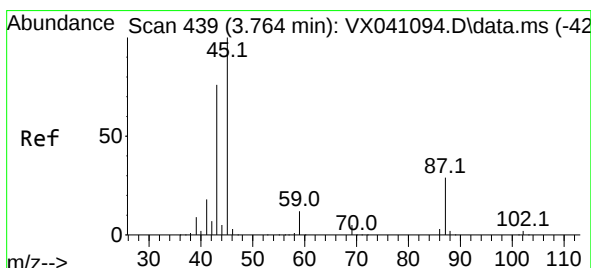
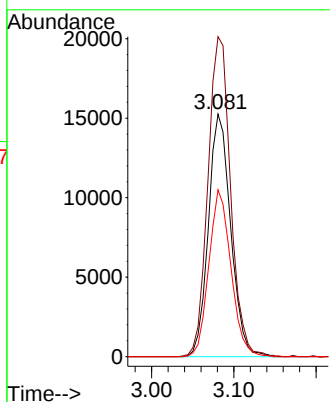
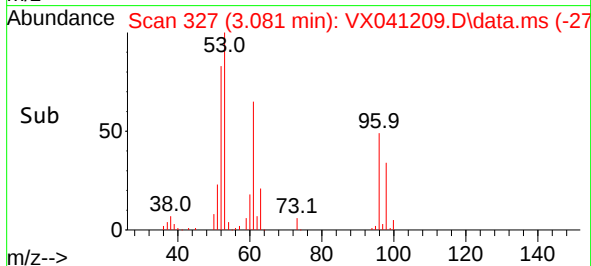
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 96 Resp: 28780
Ion Ratio Lower Upper
96 100
61 131.9 119.2 178.8
98 68.8 48.7 73.1

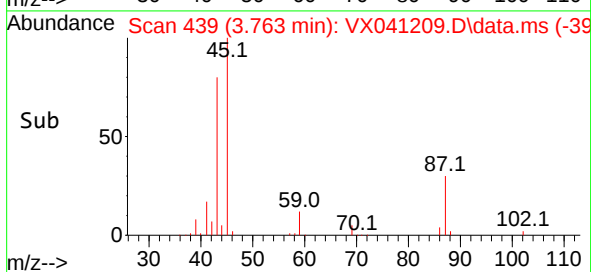
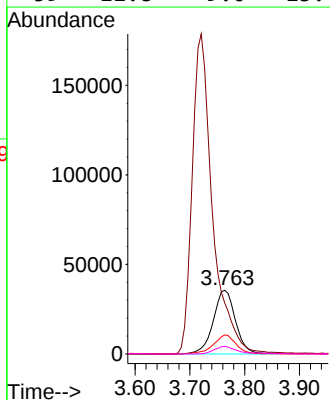
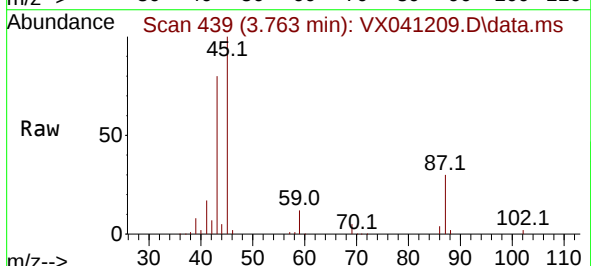
Manual Integrations
APPROVED

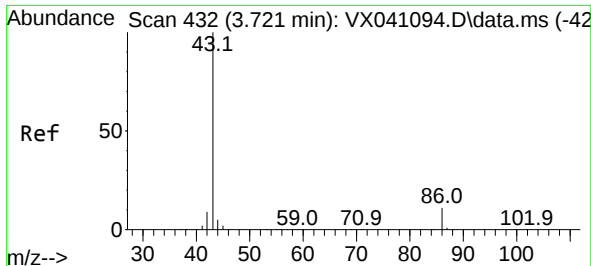
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#22
Diisopropyl ether
Concen: 20.657 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 45 Resp: 100313
Ion Ratio Lower Upper
45 100
43 78.4 69.7 104.5
87 29.9 20.8 31.2
59 11.8 9.0 13.4





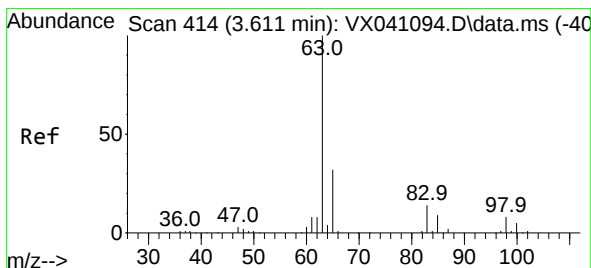
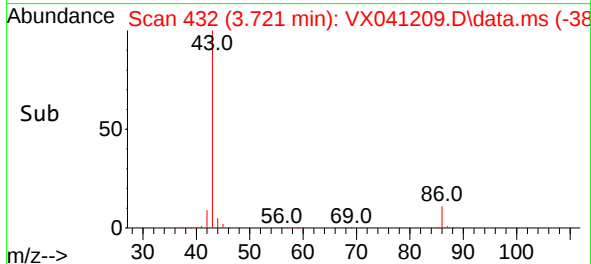
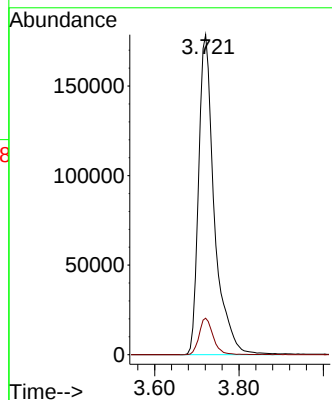
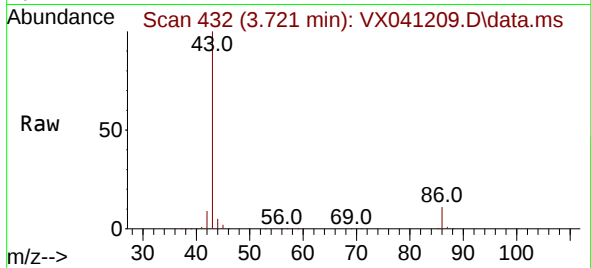
#23
 Vinyl Acetate
 Concen: 111.650 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Tgt Ion: 43 Resp: 463830
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

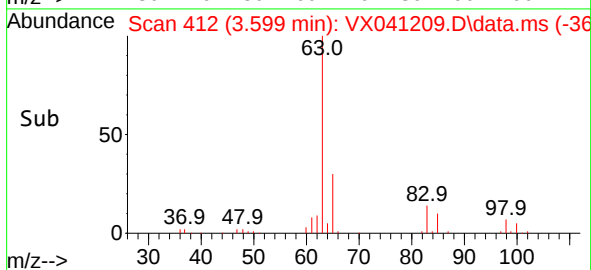
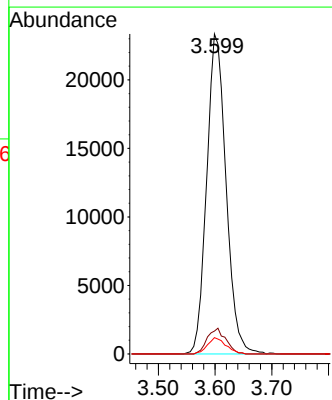
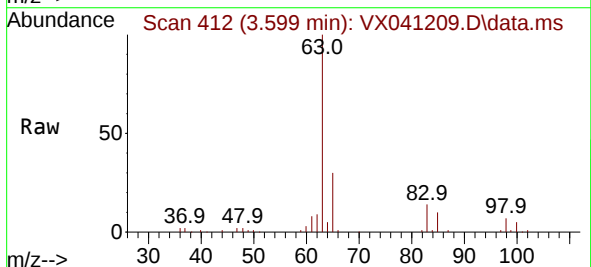
Manual Integrations
 APPROVED

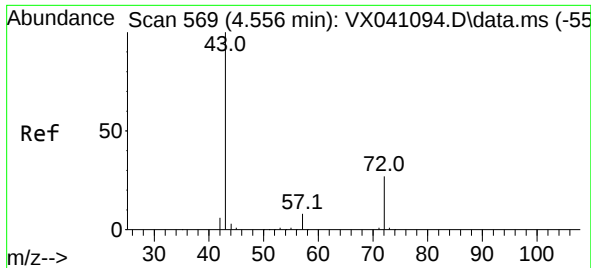
Reviewed By :John Carlone 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#24
 1,1-Dichloroethane
 Concen: 20.419 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

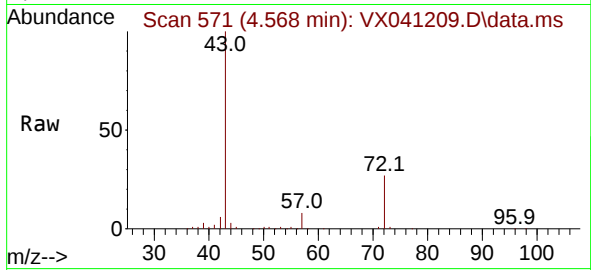
Tgt Ion: 63 Resp: 55429
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 124.232 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

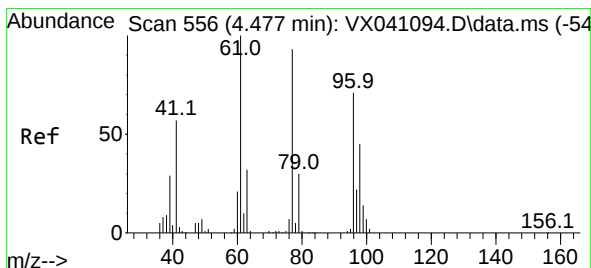
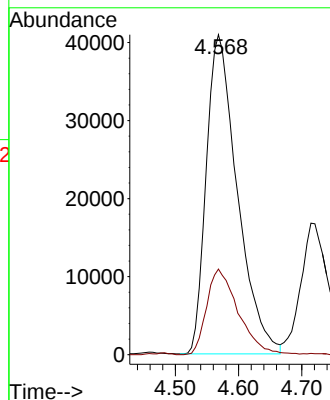
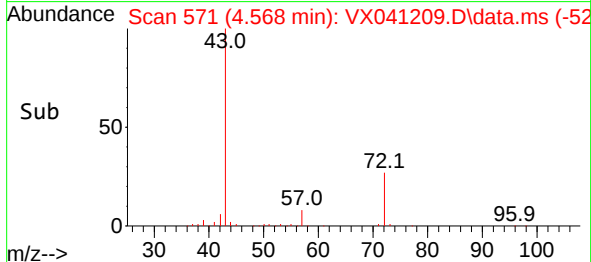
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 43 Resp: 13946
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

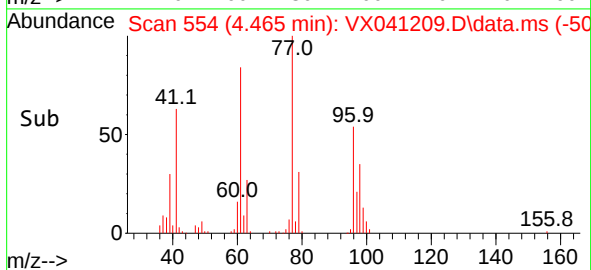
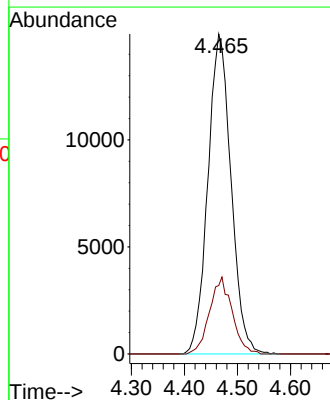
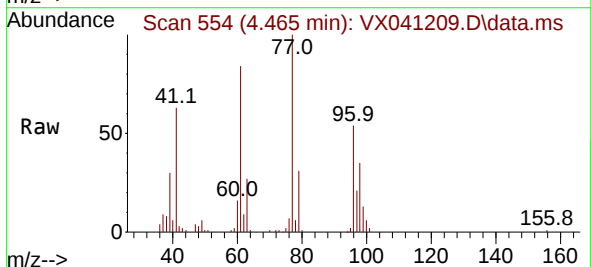
Manual Integrations
APPROVED

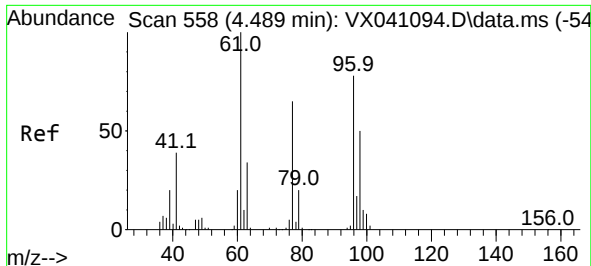
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#26
2,2-Dichloropropane
Concen: 19.755 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 77 Resp: 45323
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.499 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

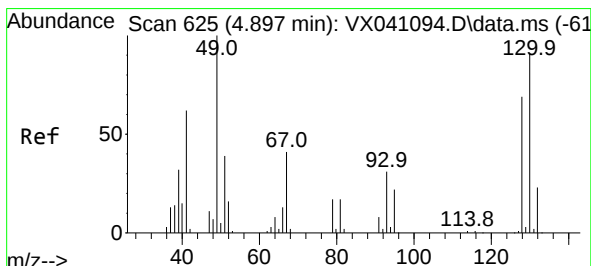
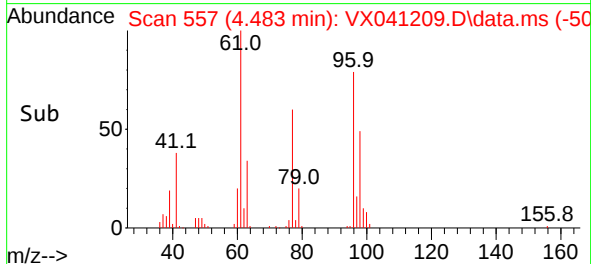
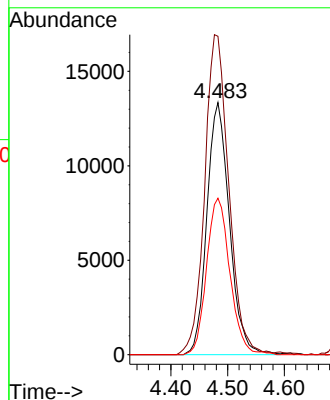
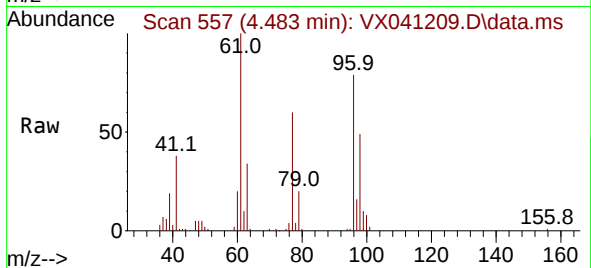
Tgt Ion: 96	Resp: 3692
Ion Ratio	Lower Upper
96 100	
61 135.4	0.0 312.2
98 64.3	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#28

Bromochloromethane

Concen: 18.353 ug/l

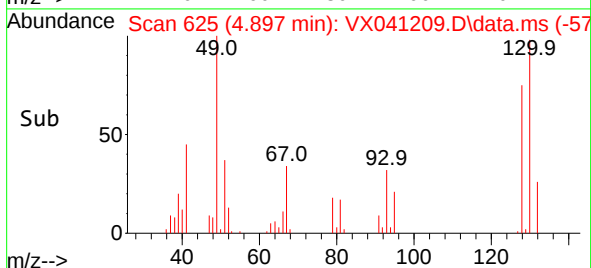
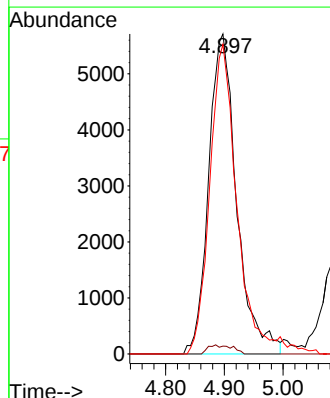
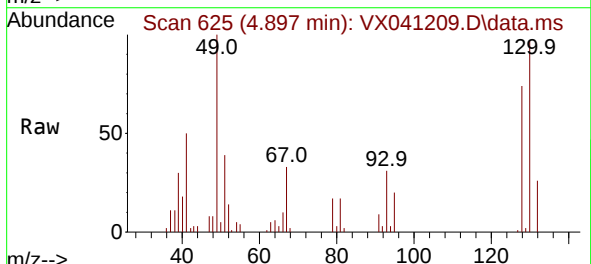
RT: 4.897 min Scan# 625

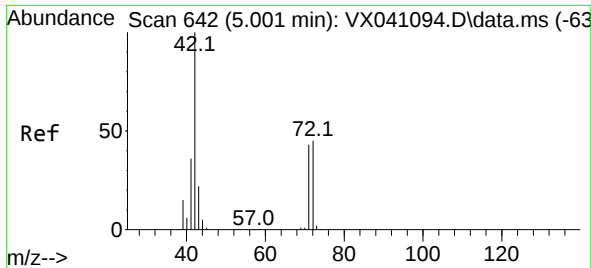
Delta R.T. -0.006 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion: 49	Resp: 18906
Ion Ratio	Lower Upper
49 100	
129 2.4	0.0 3.8
130 95.6	57.5 86.3





#29

Tetrahydrofuran

Concen: 120.258 ug/l

RT: 5.013 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 42 Resp: 9197

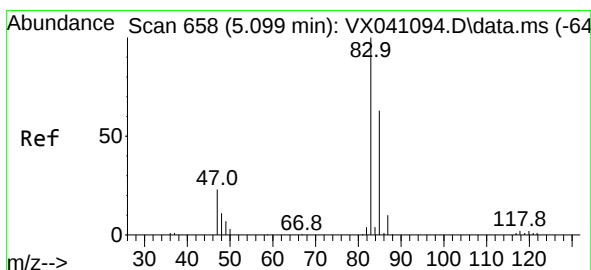
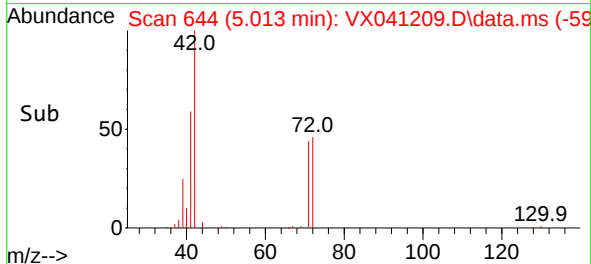
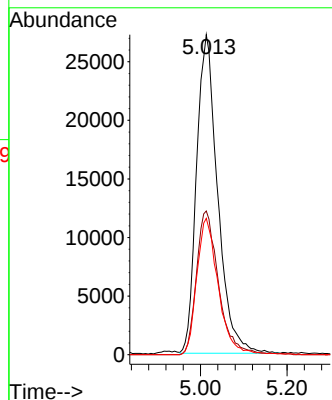
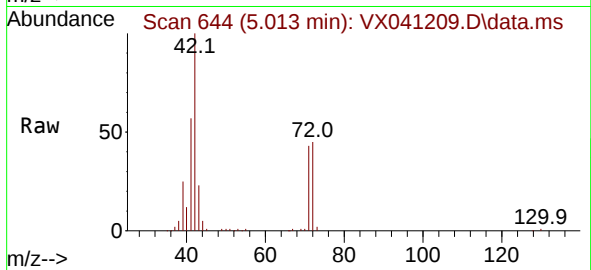
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.2	51.4
71	43.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#30

Chloroform

Concen: 20.365 ug/l

RT: 5.086 min Scan# 656

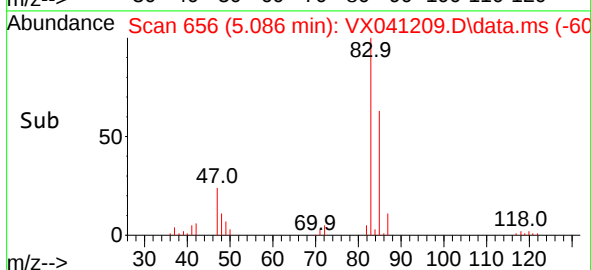
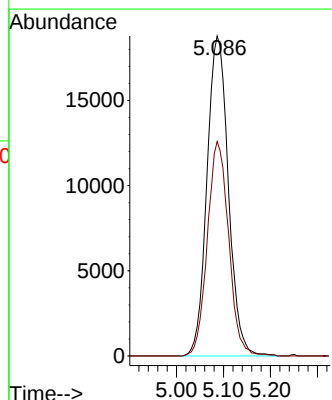
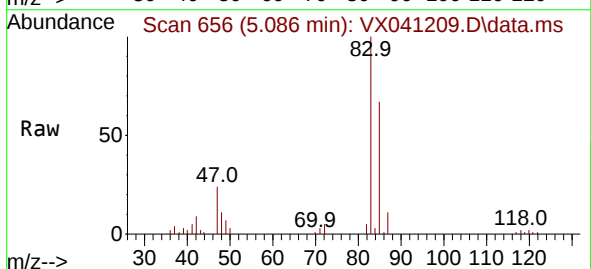
Delta R.T. -0.006 min

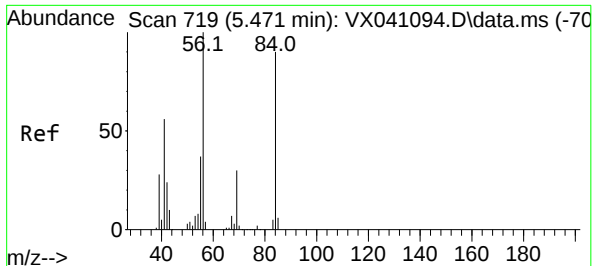
Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion: 83 Resp: 59335

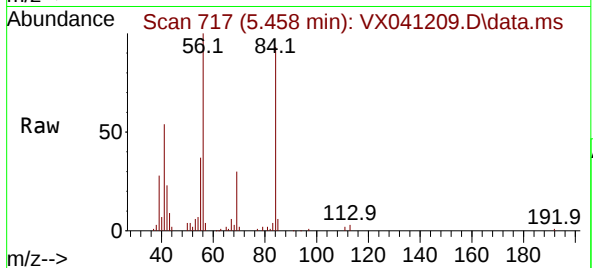
Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.3	75.5





#31
Cyclohexane
Concen: 19.538 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

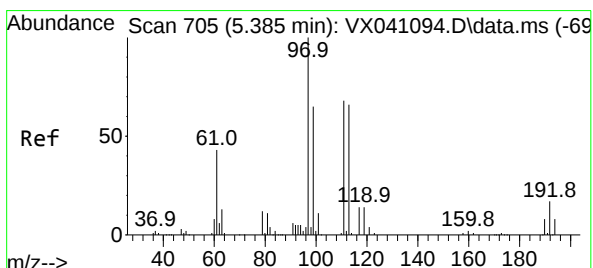
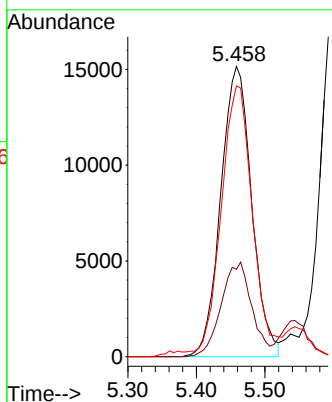
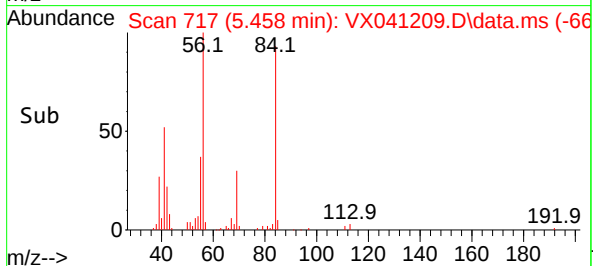
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 56 Resp: 4748
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 91.3 65.9 98.9

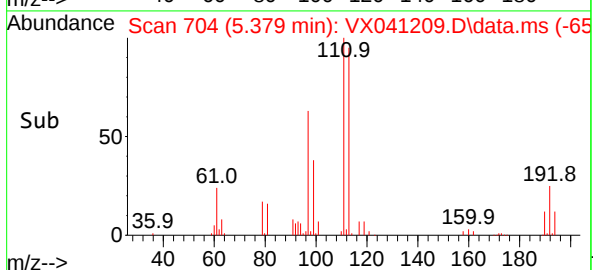
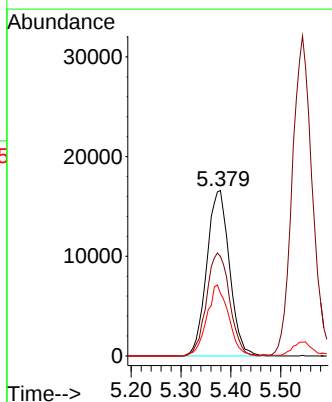
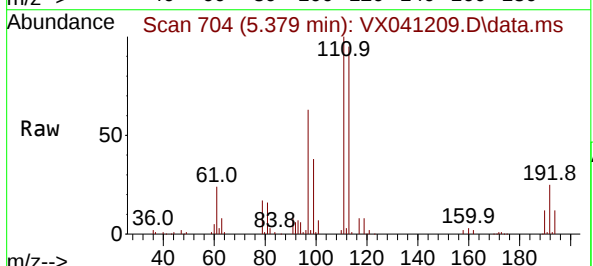
Manual Integrations
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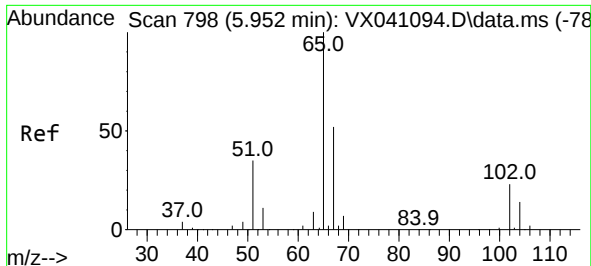
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#32
1,1,1-Trichloroethane
Concen: 20.167 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 97 Resp: 52674
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 40.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.737 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 65 Resp: 86210

Ion Ratio Lower Upper

65 100

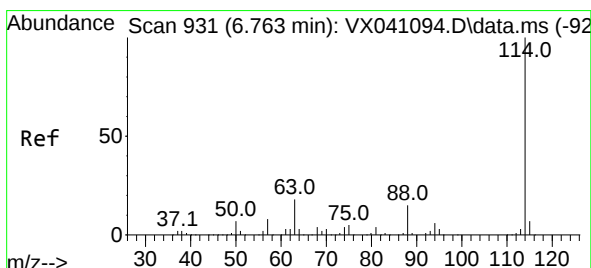
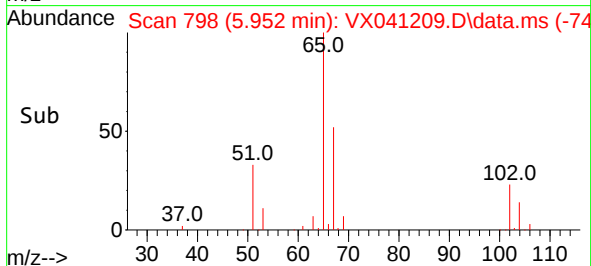
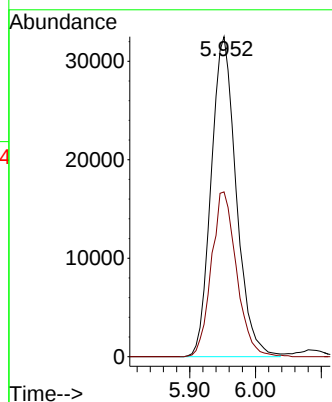
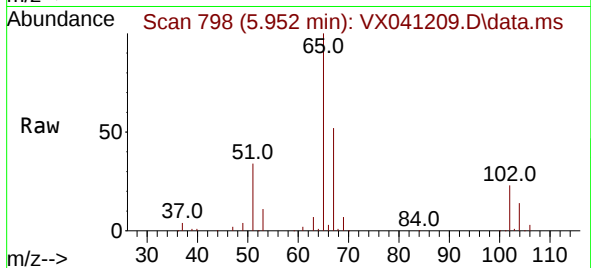
67 51.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

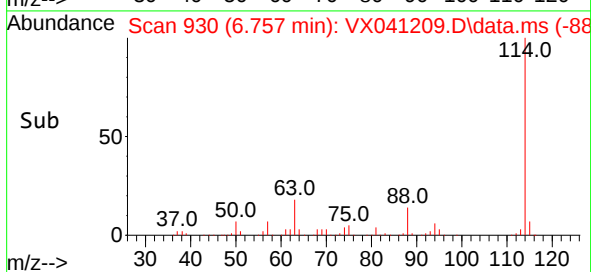
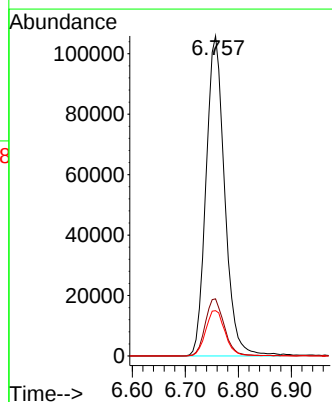
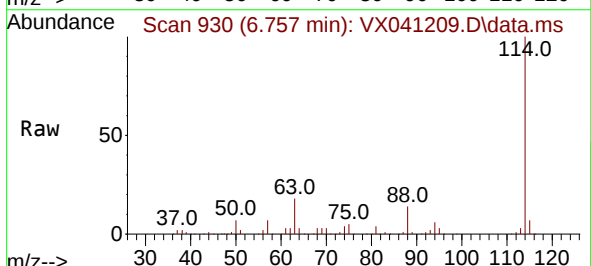
Tgt Ion:114 Resp: 258237

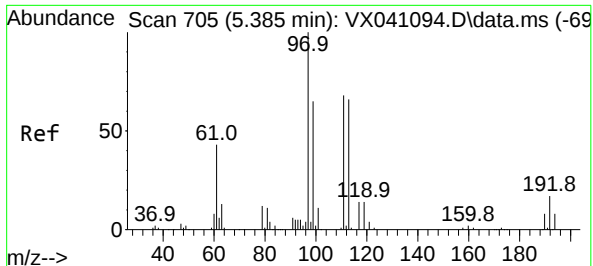
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.1 0.0 36.6





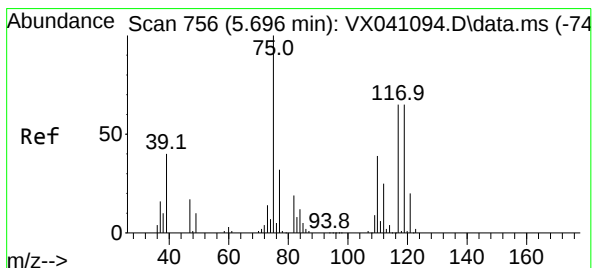
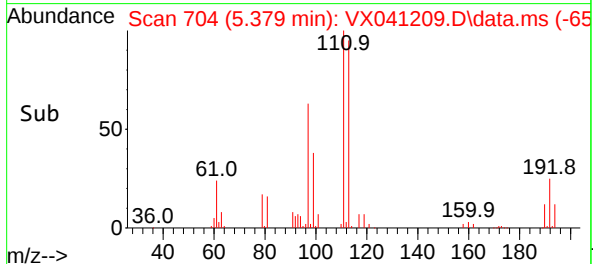
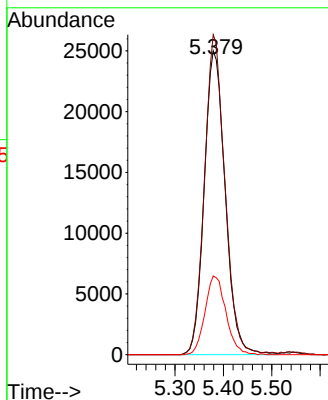
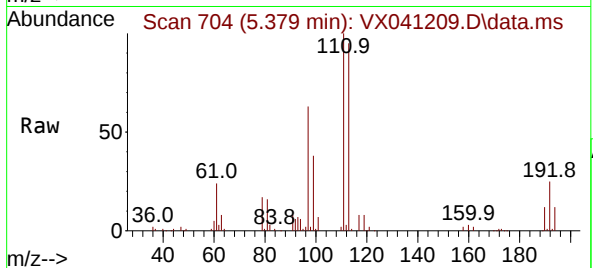
#35
Dibromofluoromethane
Concen: 47.997 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:113 Resp: 7539
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.8 13.3 19.9

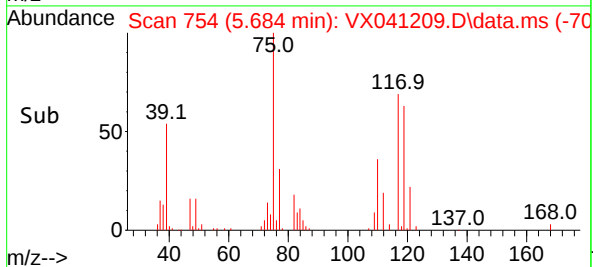
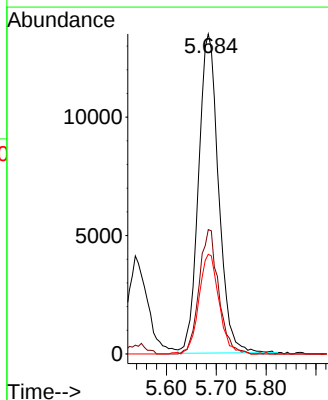
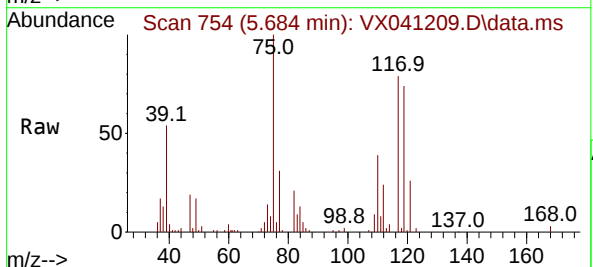
Manual Integrations
APPROVED

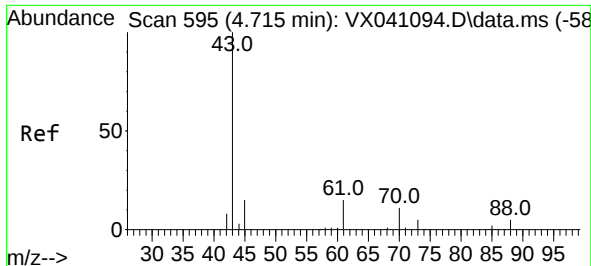
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#36
1,1-Dichloropropene
Concen: 18.748 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 75 Resp: 37681
Ion Ratio Lower Upper
75 100
110 37.9 17.0 50.9
77 31.2 24.7 37.1





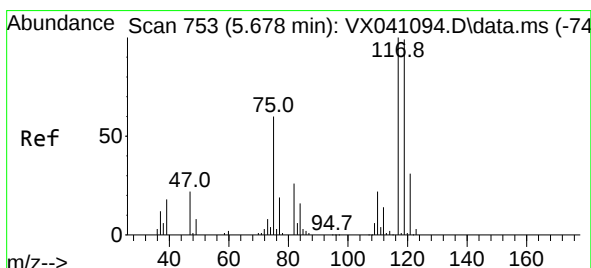
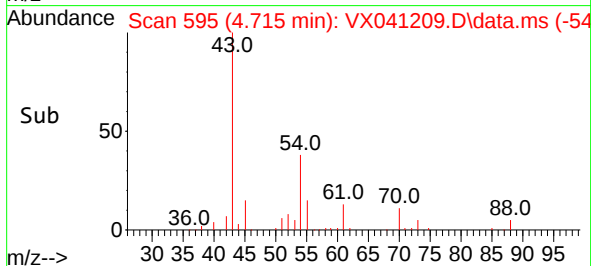
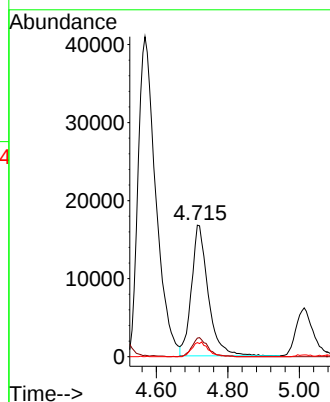
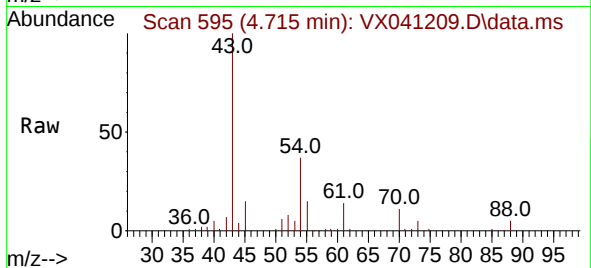
#37
Ethyl Acetate
Concen: 24.632 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.8 8.3 12.5

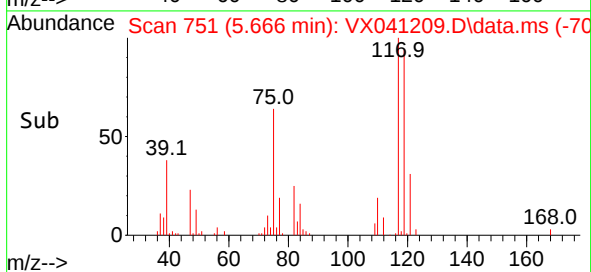
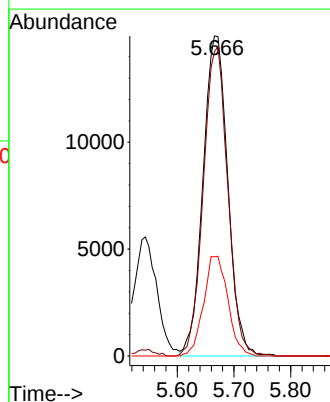
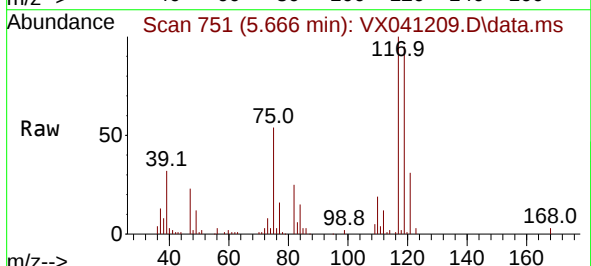
Manual Integrations
APPROVED

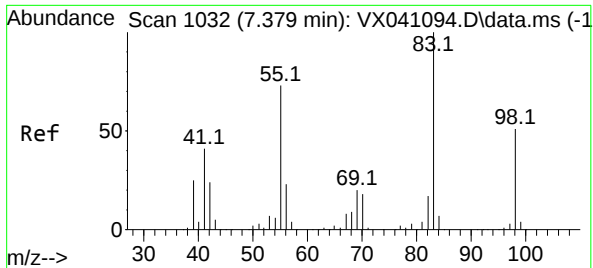
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#38
Carbon Tetrachloride
Concen: 20.266 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion:117 Resp: 45494
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 31.0 24.4 36.6





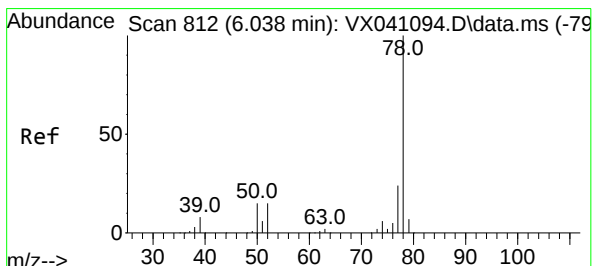
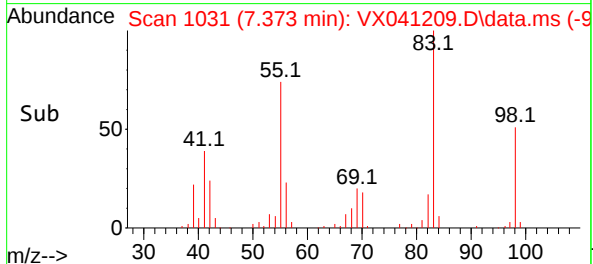
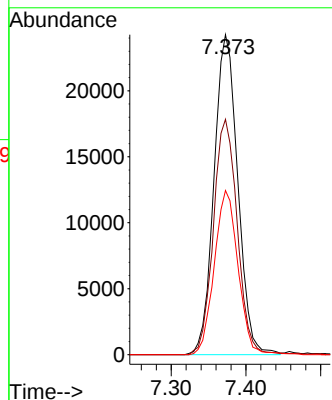
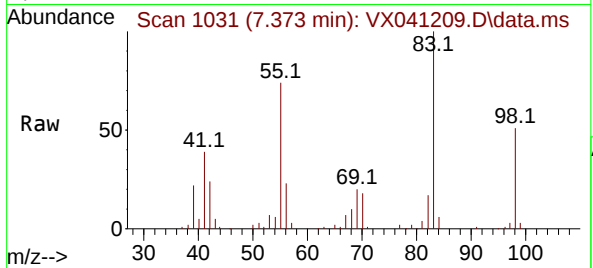
#39
Methylcyclohexane
Concen: 20.132 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 83 Resp: 53669
Ion Ratio Lower Upper
83 100
55 73.5 64.6 97.0
98 51.3 36.7 55.1

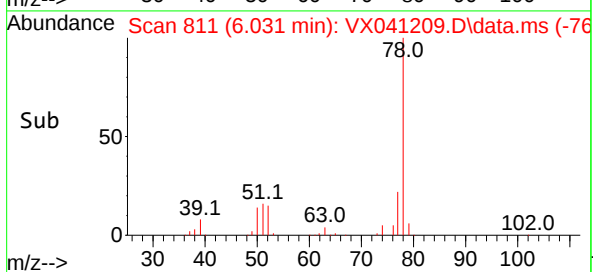
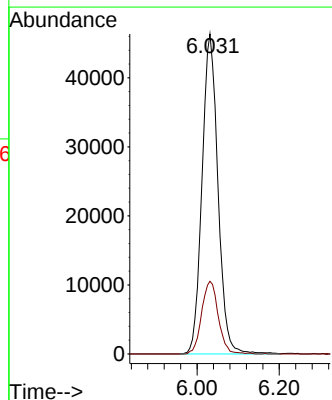
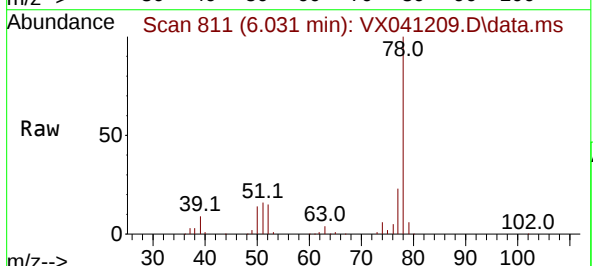
Manual Integrations
APPROVED

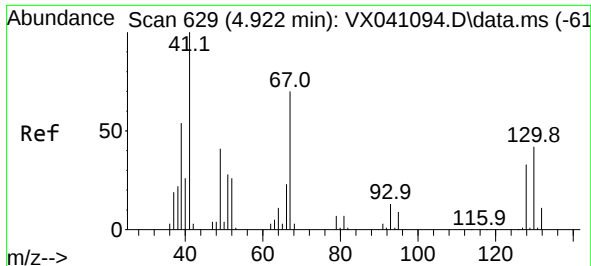
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#40
Benzene
Concen: 20.060 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

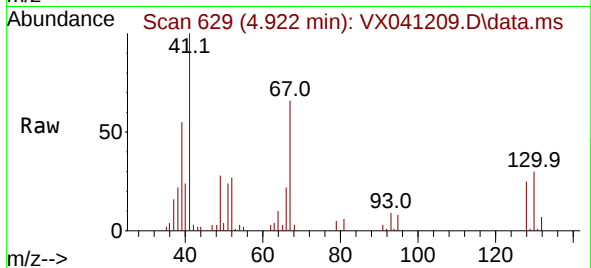
Tgt Ion: 78 Resp: 124521
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 23.218 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

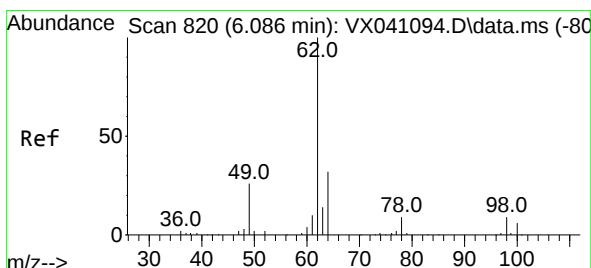
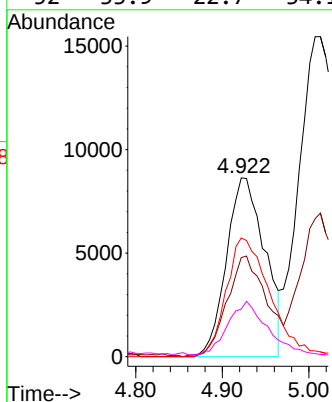
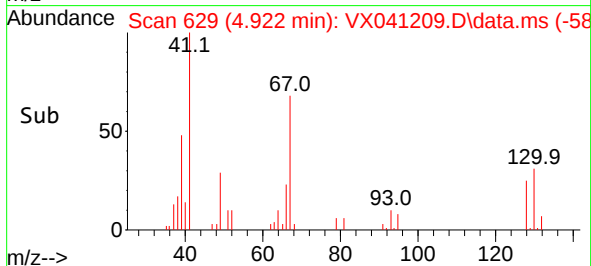
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 41 Resp: 26654
Ion Ratio Lower Upper
41 100
39 57.9 45.2 67.8
67 76.4 52.6 78.8
52 33.9 22.7 34.1

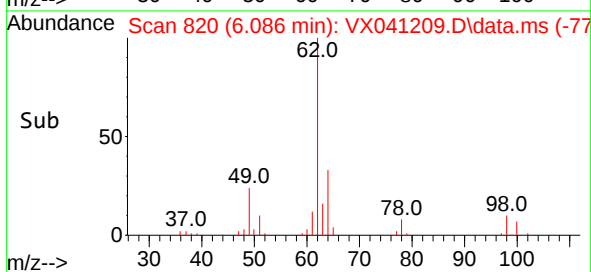
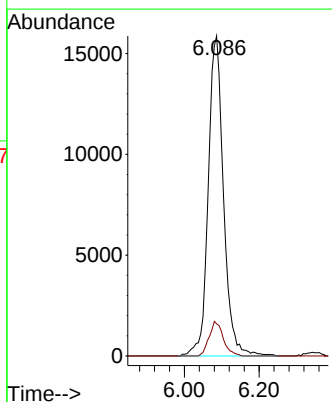
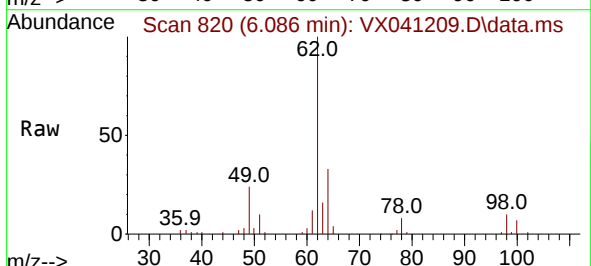
Manual Integrations
APPROVED

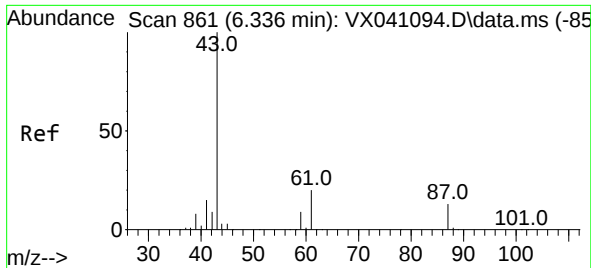
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#42
1,2-Dichloroethane
Concen: 20.955 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 62 Resp: 45101
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.866 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

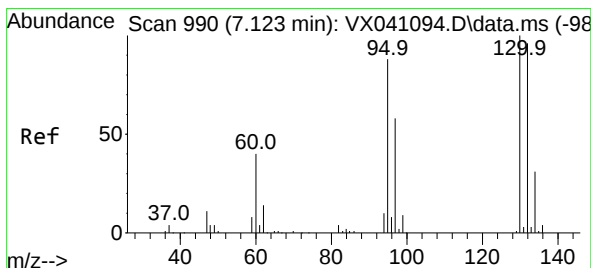
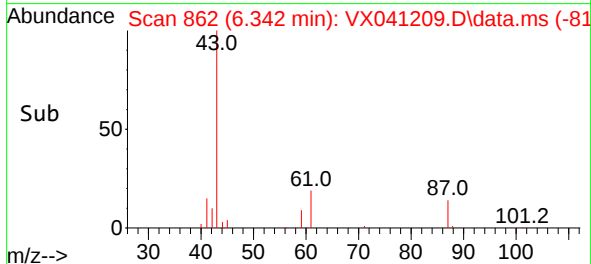
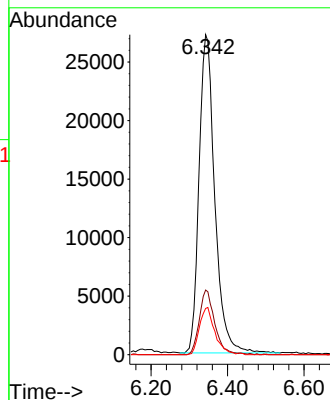
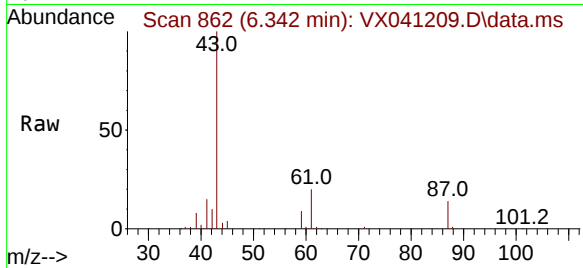
Tgt Ion: 43	Resp: 7767
Ion Ratio	Lower Upper
43 100	
61 19.9	15.2 22.8
87 14.4	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#44

Trichloroethene

Concen: 19.148 ug/l

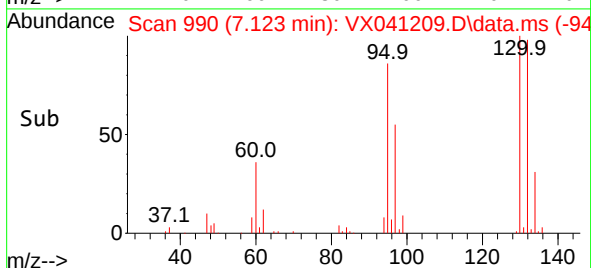
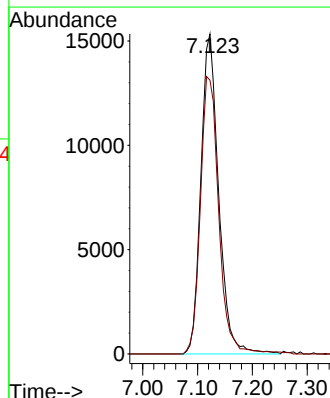
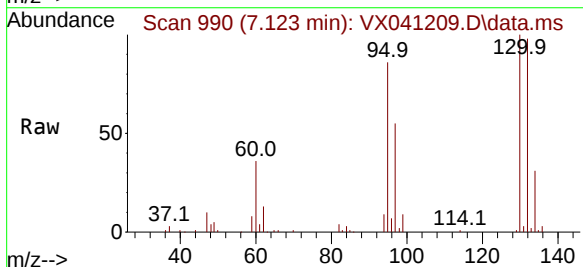
RT: 7.123 min Scan# 990

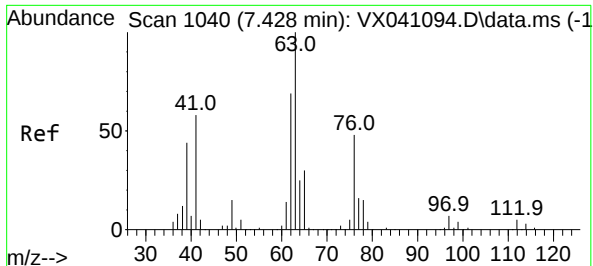
Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion:130	Resp: 34557
Ion Ratio	Lower Upper
130 100	
95 85.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.813 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 63 Resp: 2948

Ion Ratio Lower Upper

63 100

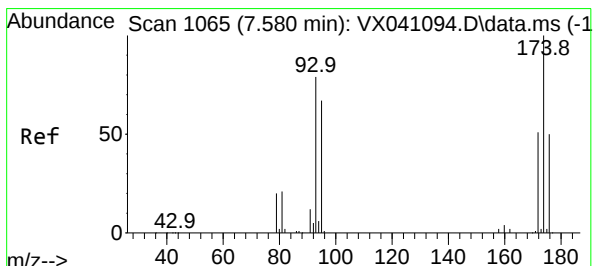
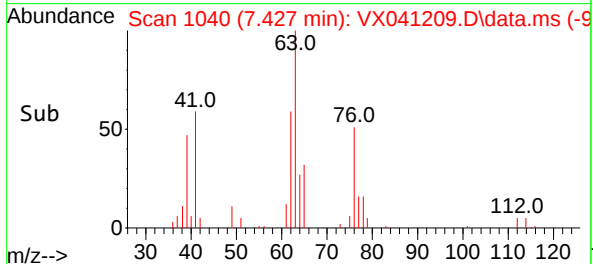
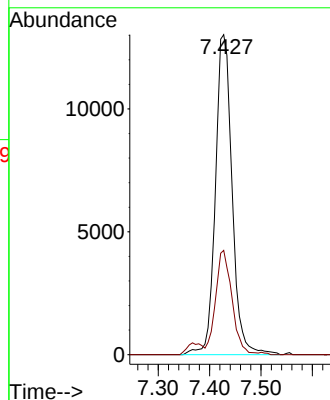
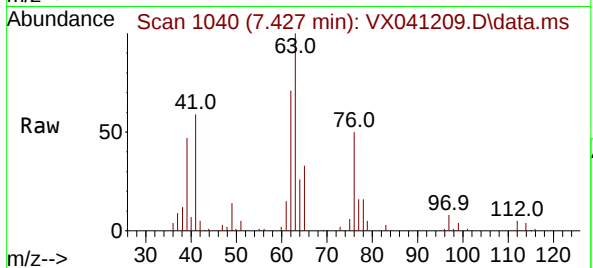
65 32.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#46

Dibromomethane

Concen: 19.396 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

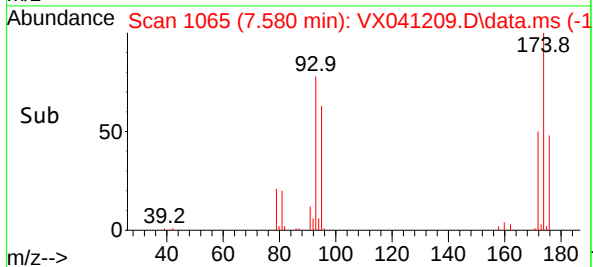
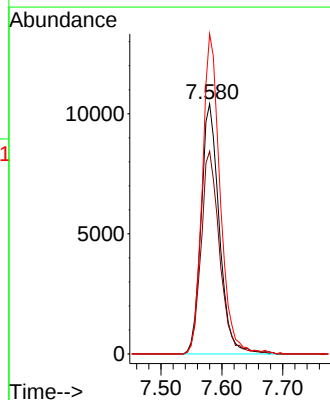
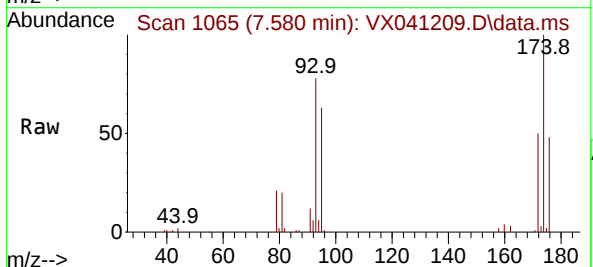
Tgt Ion: 93 Resp: 21526

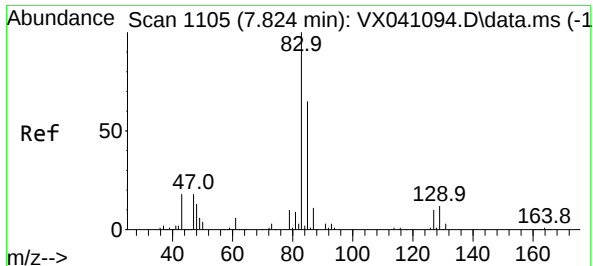
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

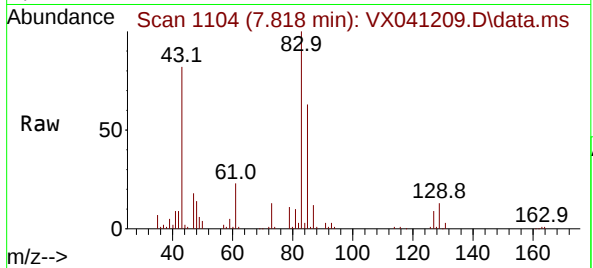
174 126.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 19.848 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

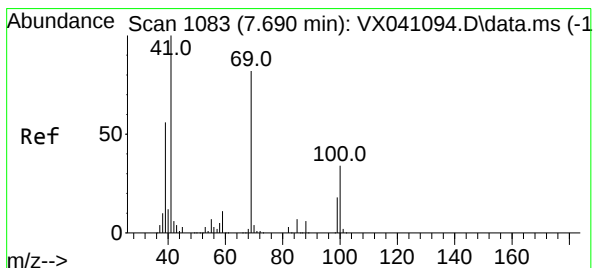
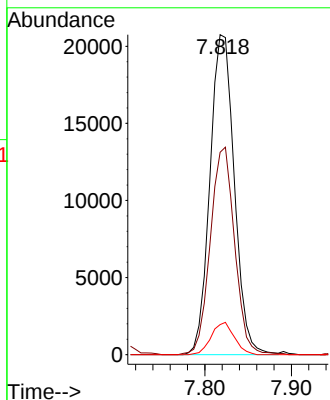
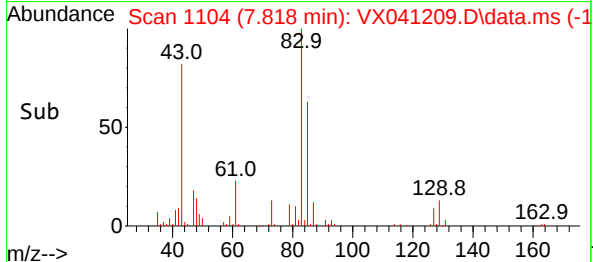
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 83 Resp: 4060
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 9.4 7.1 10.7

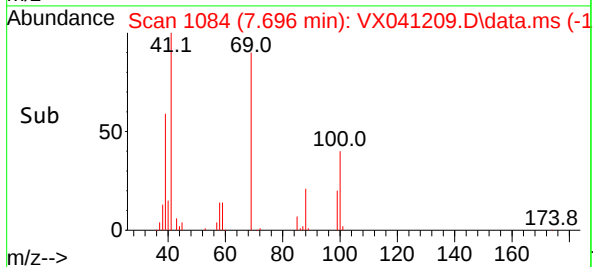
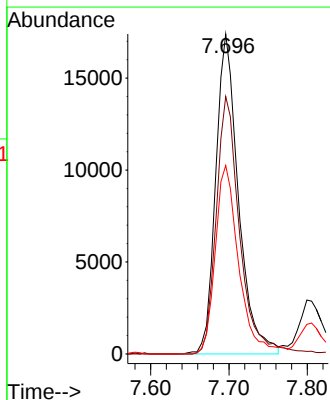
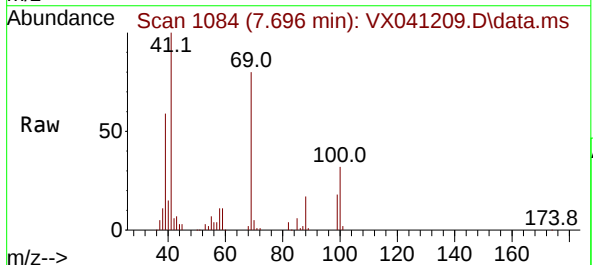
Manual Integrations
APPROVED

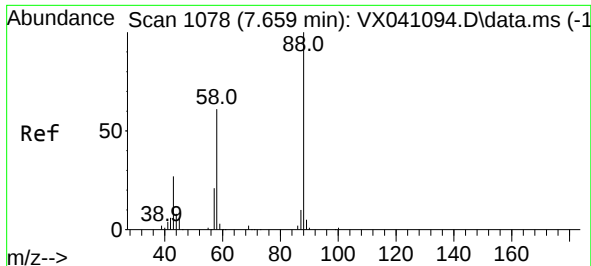
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#48
Methyl methacrylate
Concen: 20.922 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 41 Resp: 35152
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 417.575 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

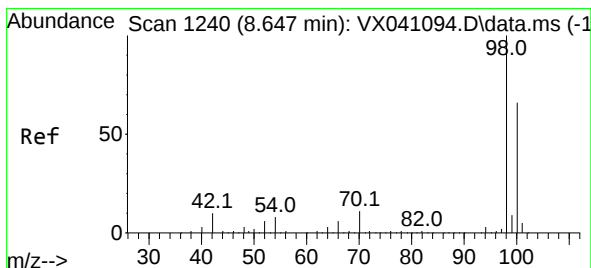
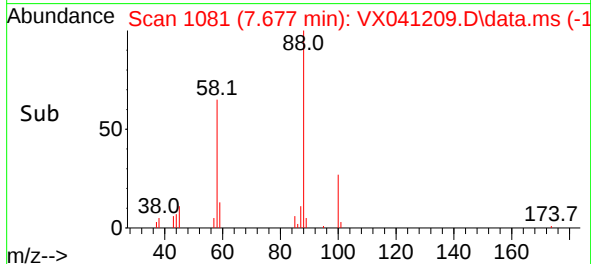
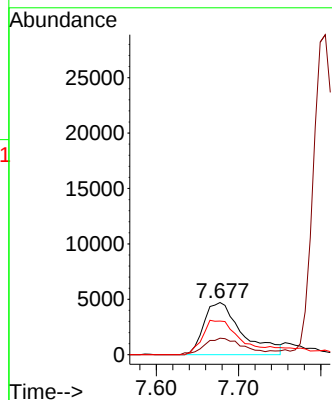
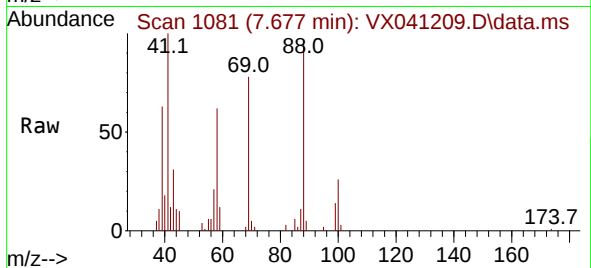
Tgt Ion: 88 Resp: 1510
 Ion Ratio Lower Upper
 88 100
 43 31.8 0.0 0.0
 58 62.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#50

Toluene-d8

Concen: 48.899 ug/l

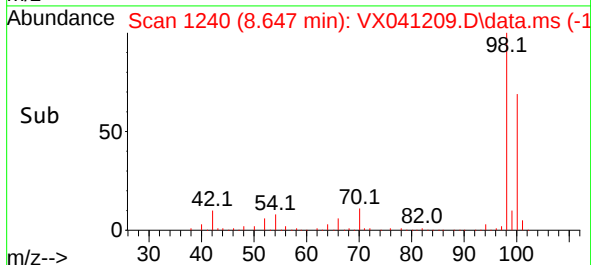
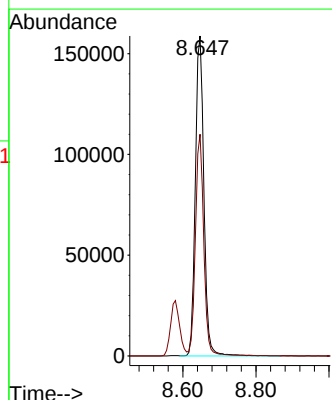
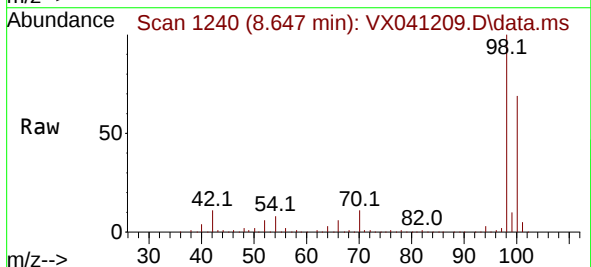
RT: 8.647 min Scan# 1240

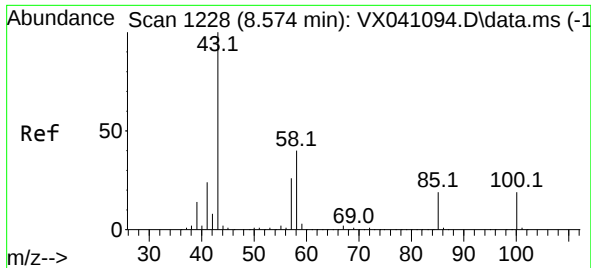
Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion: 98 Resp: 259151
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.1 79.7





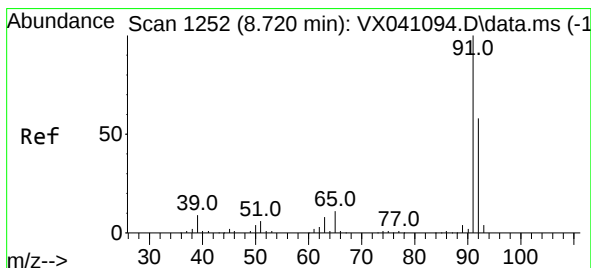
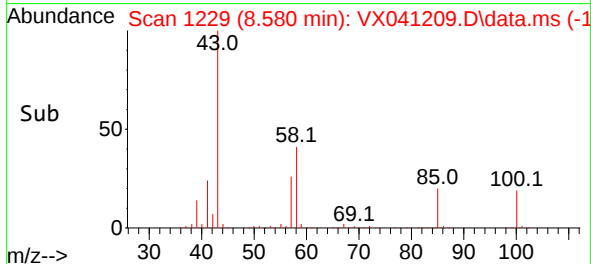
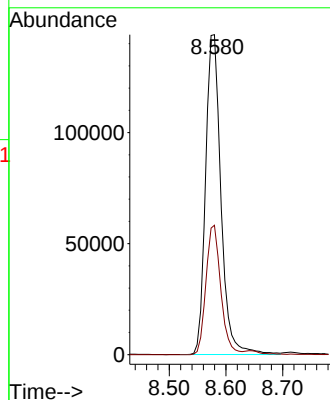
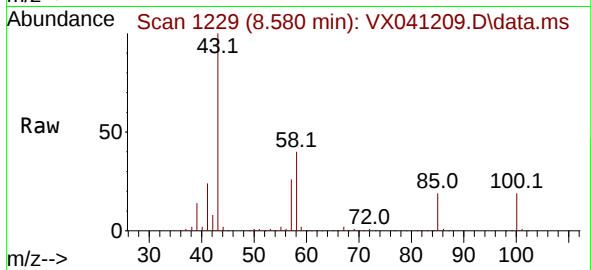
#51
4-Methyl-2-Pentanone
Concen: 122.171 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 43 Resp: 27164
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

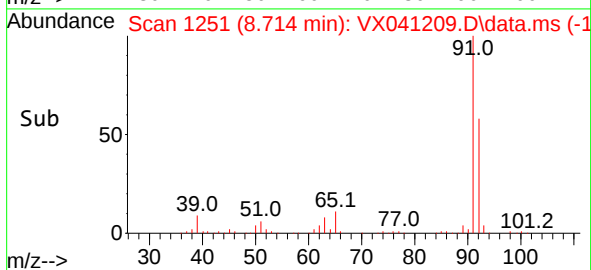
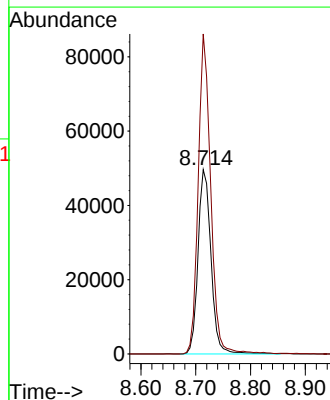
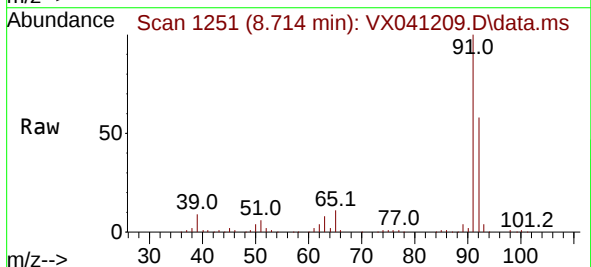
Manual Integrations
APPROVED

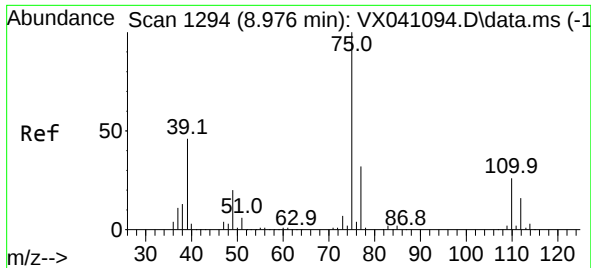
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#52
Toluene
Concen: 20.974 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

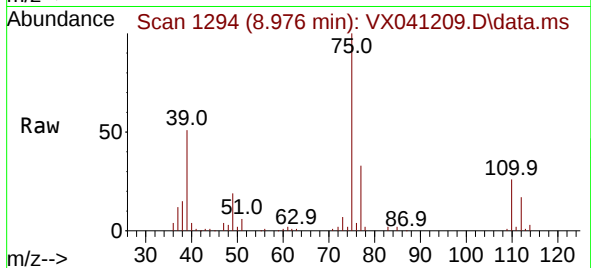
Tgt Ion: 92 Resp: 82038
Ion Ratio Lower Upper
92 100
91 166.9 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 19.991 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

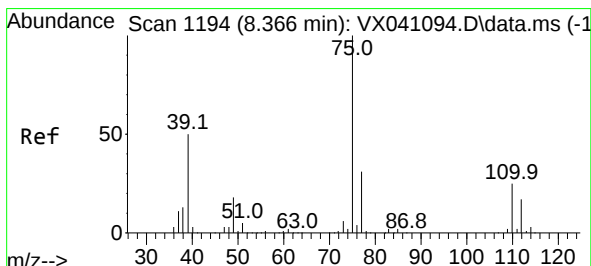
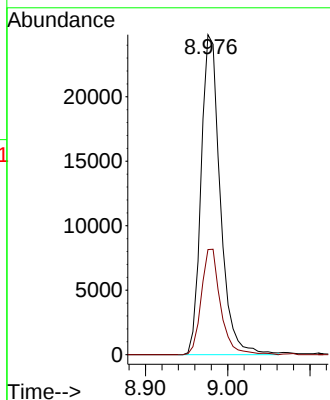
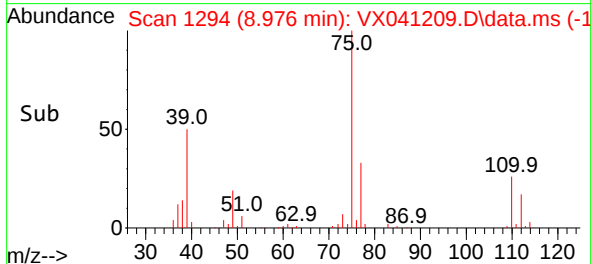
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01



Tgt Ion: 75 Resp: 40114
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5

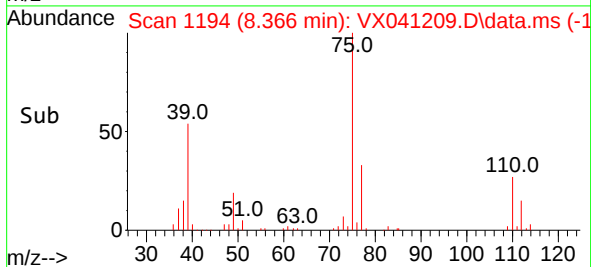
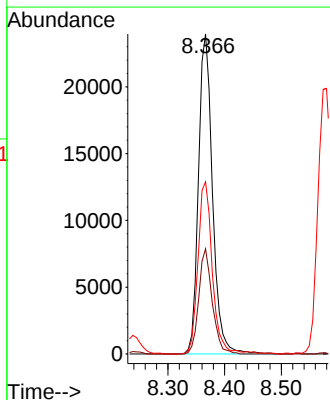
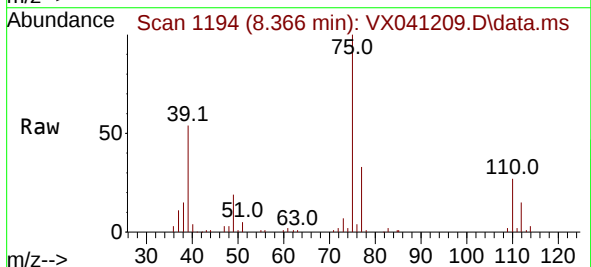
Manual Integrations
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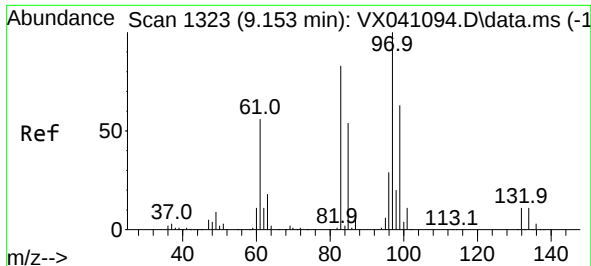
Reviewed By :John Carlone 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 18.057 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

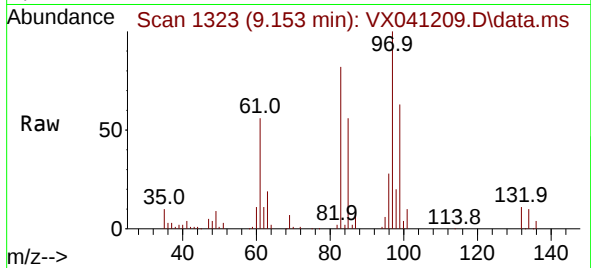
Tgt Ion: 75 Resp: 41190
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 53.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.903 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

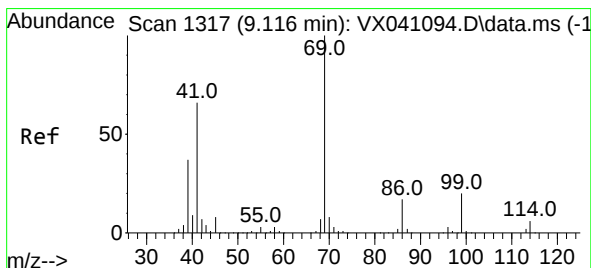
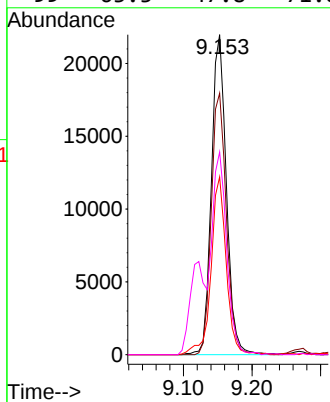
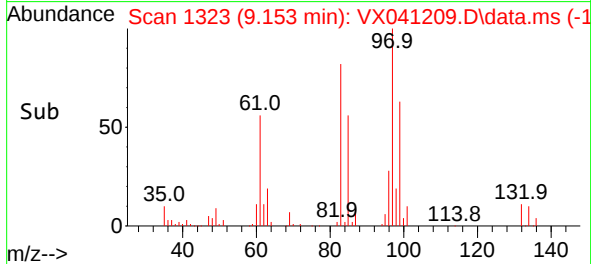
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.8
85	55.6	41.6	62.4
99	63.3	47.8	71.8

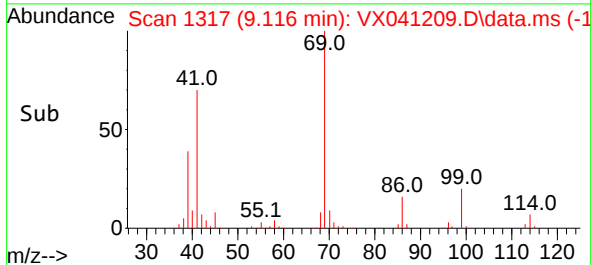
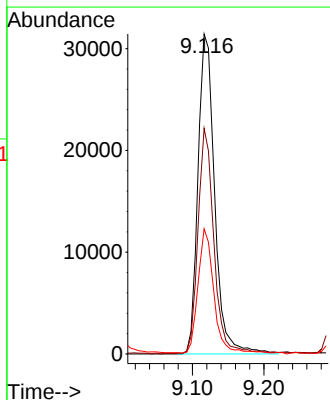
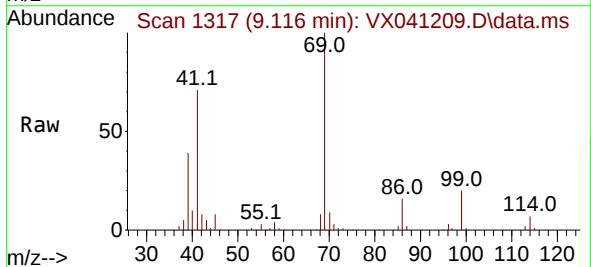
Manual Integrations
APPROVED

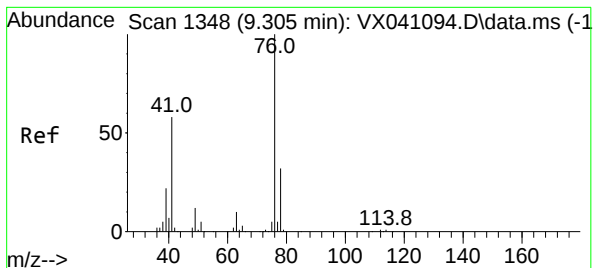
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#56
Ethyl methacrylate
Concen: 21.878 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.8	85.2
39	36.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.378 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 76 Resp: 54010

Ion Ratio Lower Upper

76 100

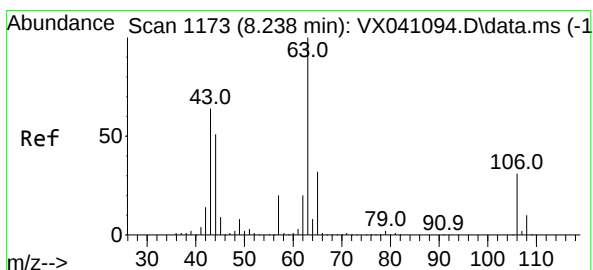
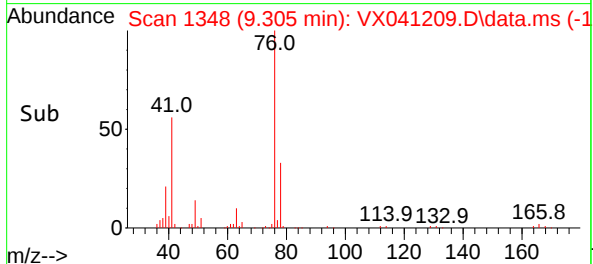
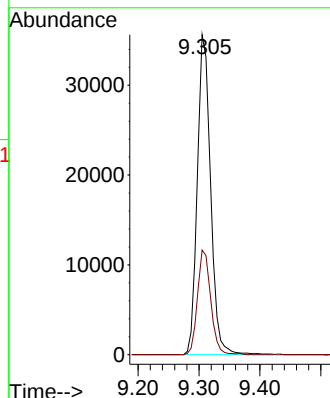
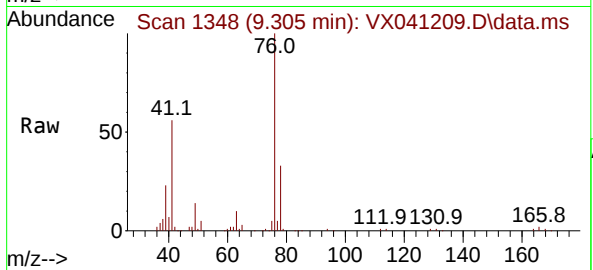
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 79.547 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041209.D

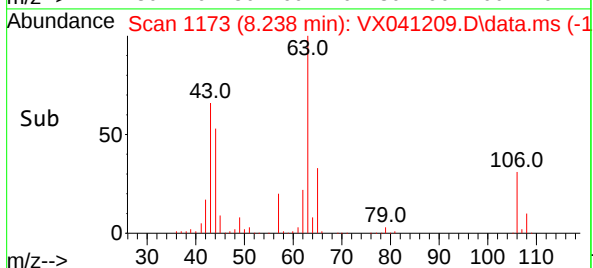
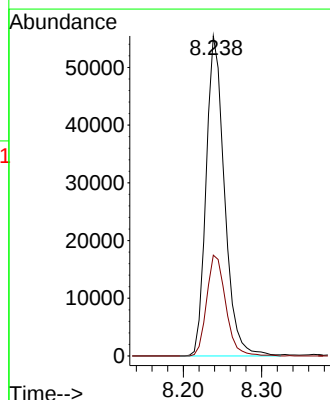
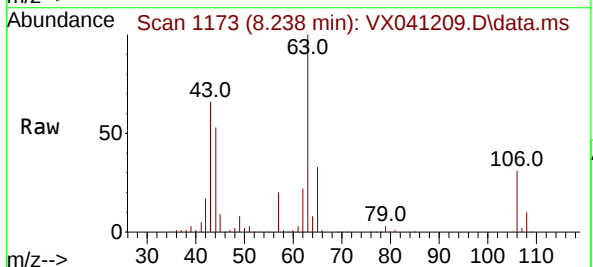
Acq: 23 Apr 2024 12:18

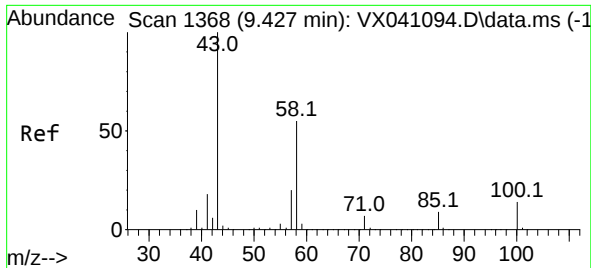
Tgt Ion: 63 Resp: 90332

Ion Ratio Lower Upper

63 100

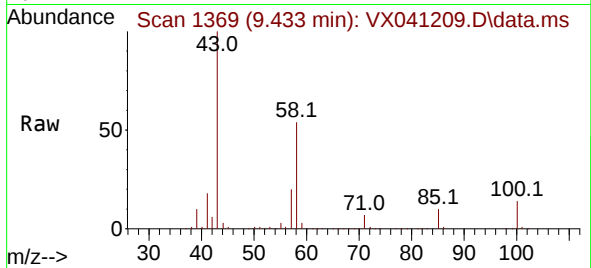
106 32.5 22.5 33.7





#59
2-Hexanone
Concen: 124.045 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

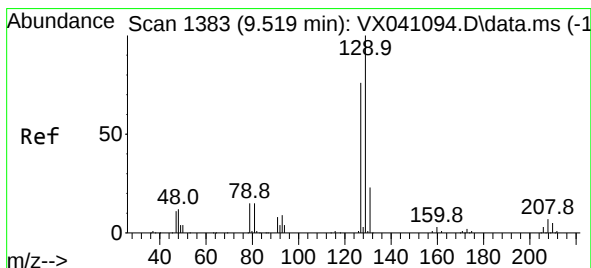
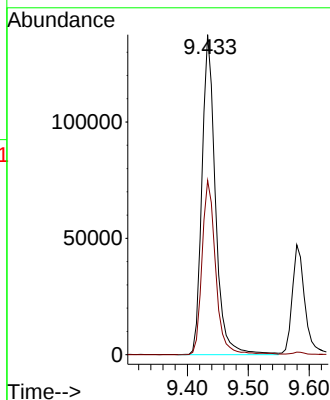
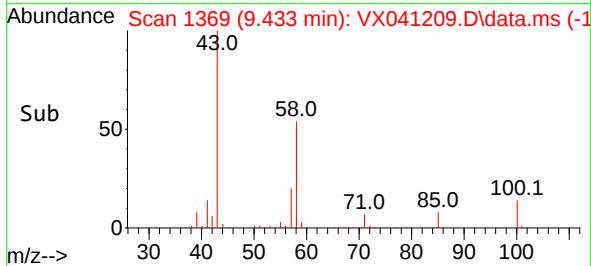
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 43 Resp: 211502
Ion Ratio Lower Upper
43 100
58 55.3 26.2 78.5

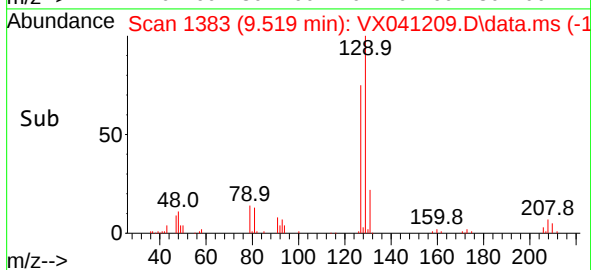
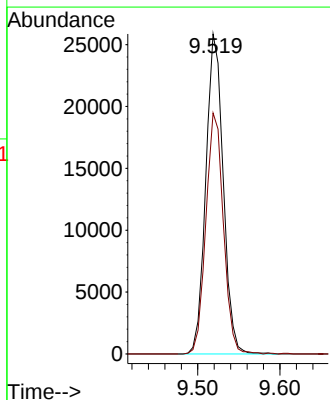
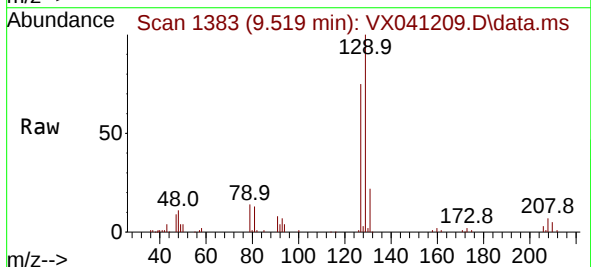
Manual Integrations
APPROVED

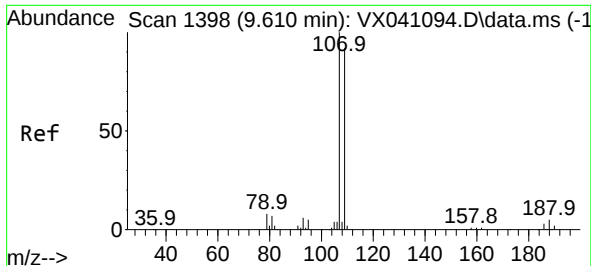
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#60
Dibromochloromethane
Concen: 21.566 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

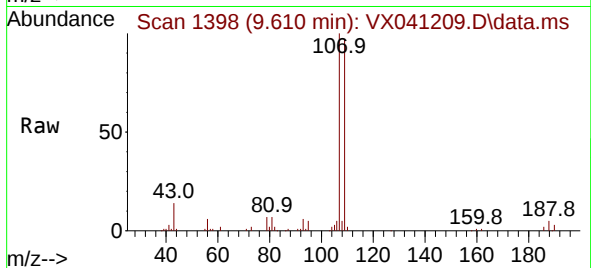
Tgt Ion:129 Resp: 37995
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.330 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

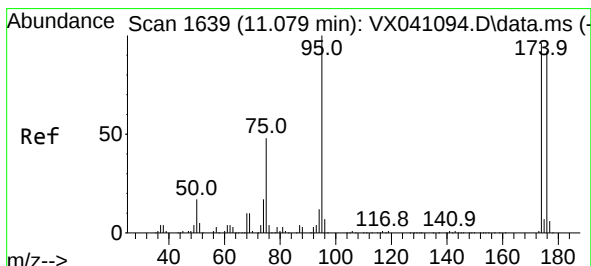
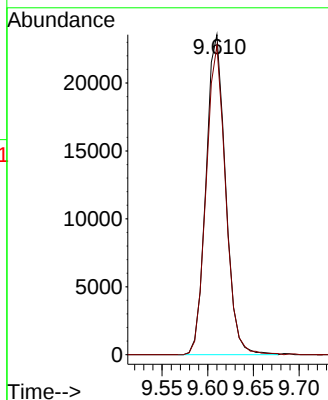
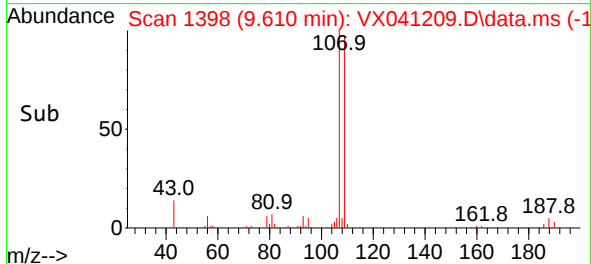
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



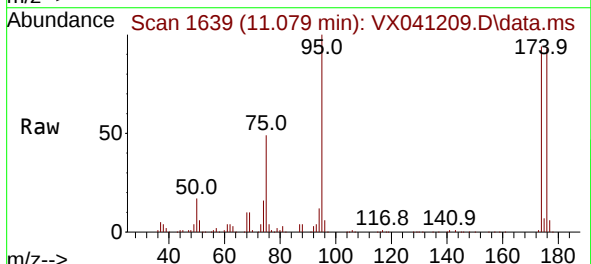
Tgt Ion:107 Resp: 3492
Ion Ratio Lower Upper
107 100
109 96.4 75.2 112.8

Manual Integrations
APPROVED

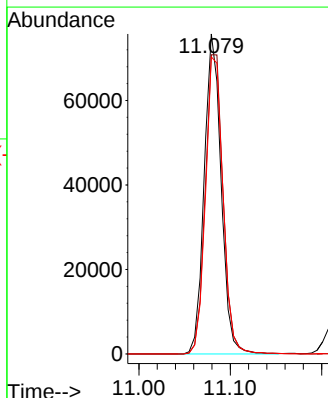
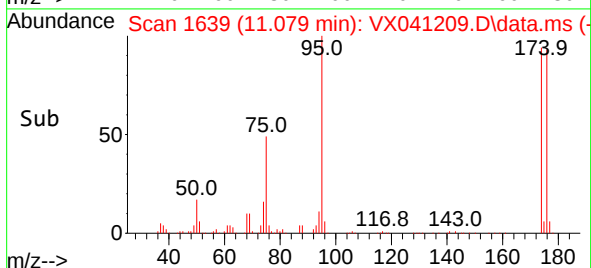
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

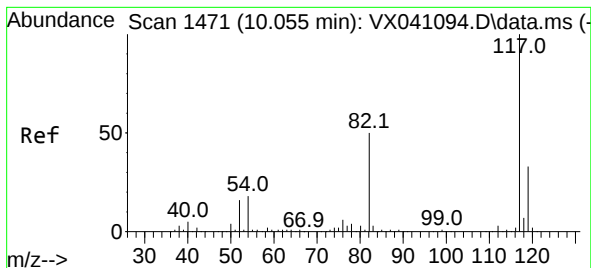


#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18



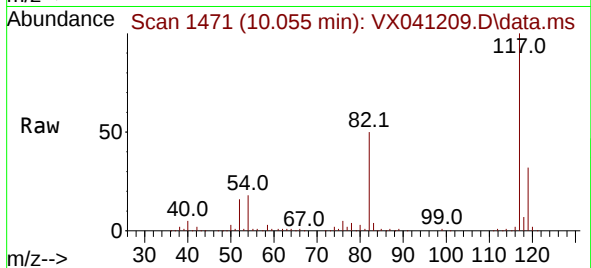
Tgt Ion: 95 Resp: 96796
Ion Ratio Lower Upper
95 100
174 99.0 0.0 135.6
176 96.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

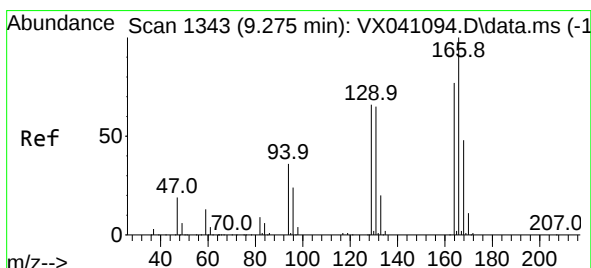
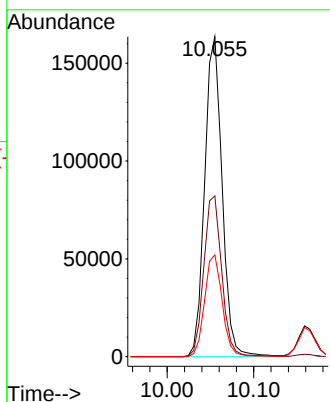
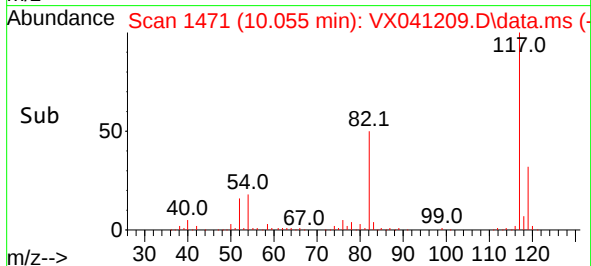
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:117 Resp: 22910
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 31.8 25.5 38.3

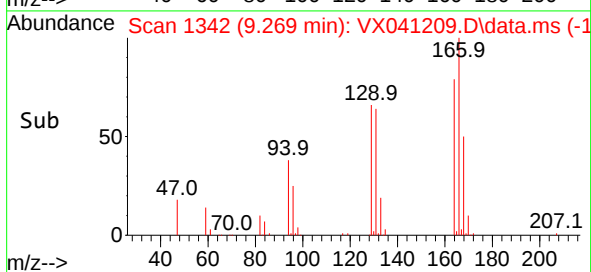
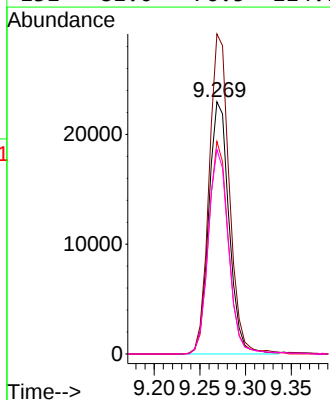
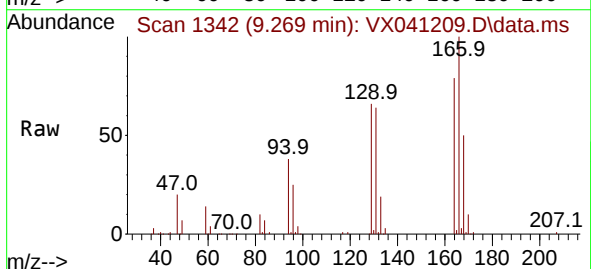
Manual Integrations
APPROVED

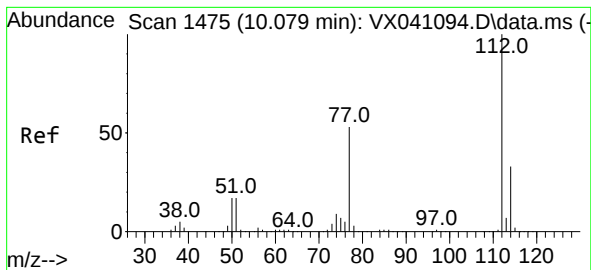
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#64
Tetrachloroethene
Concen: 20.137 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion:164 Resp: 35382
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 84.3 80.4 120.6
131 81.0 76.5 114.7





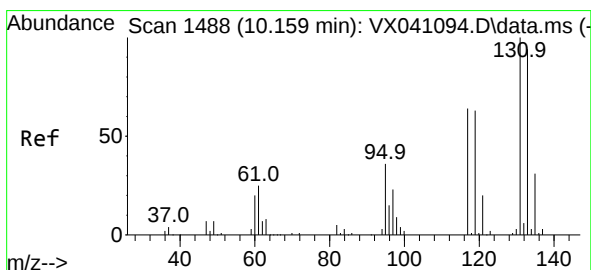
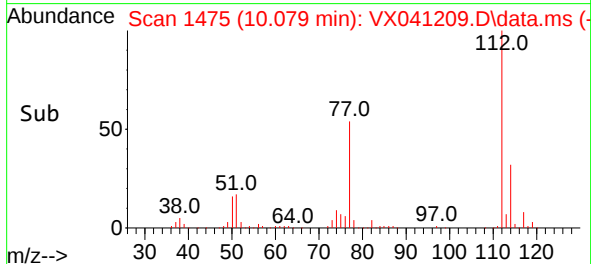
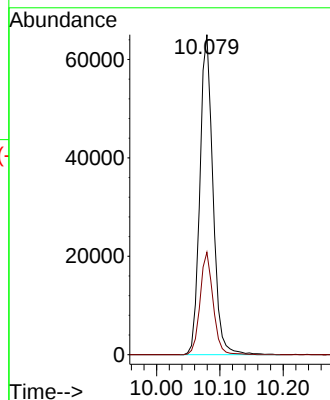
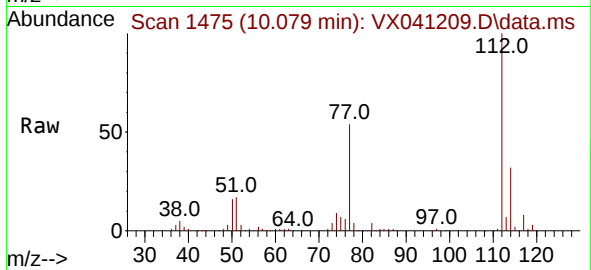
#65
Chlorobenzene
Concen: 19.860 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:112 Resp: 93639
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

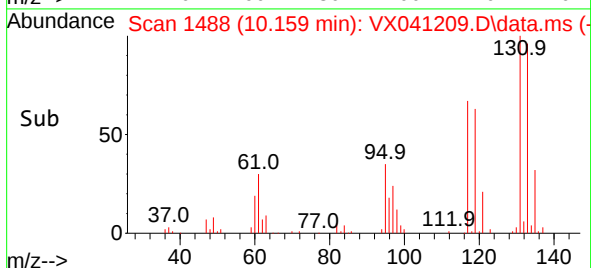
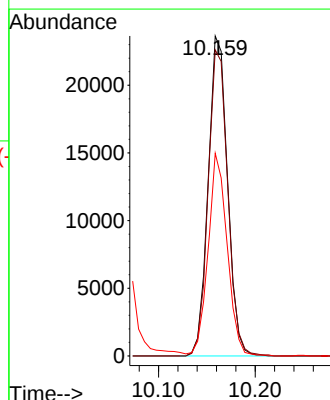
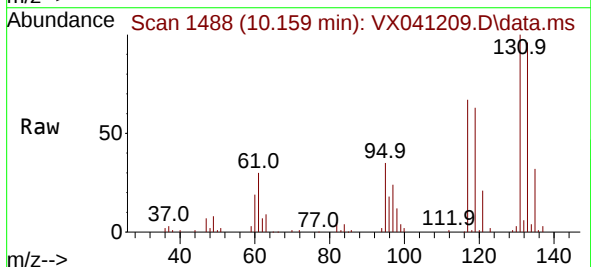
Manual Integrations
APPROVED

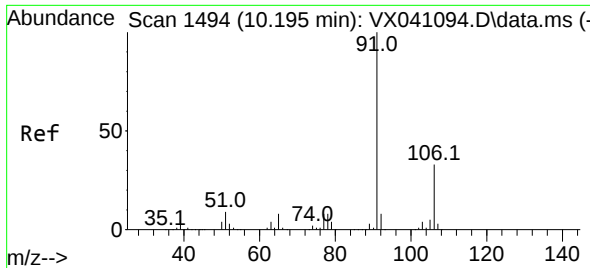
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.421 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

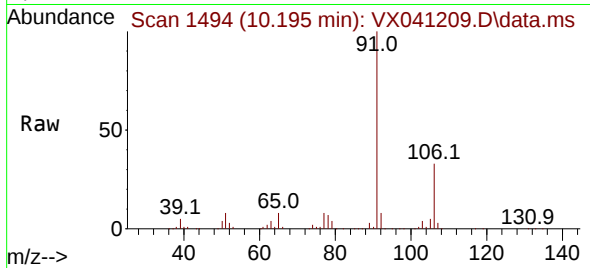
Tgt Ion:131 Resp: 32980
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 62.3 32.2 96.6





#67
Ethyl Benzene
Concen: 20.031 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

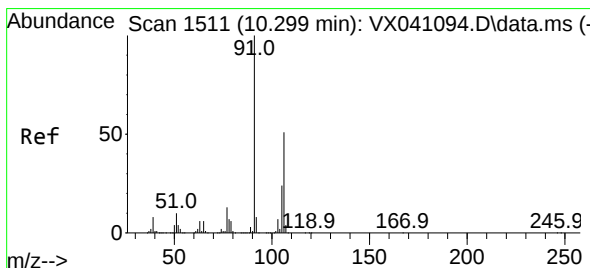
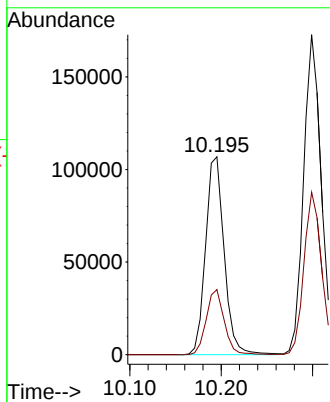
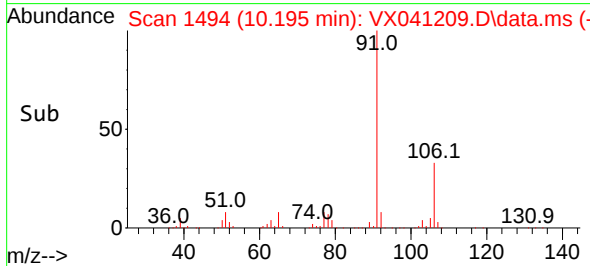
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 91 Resp: 150720
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

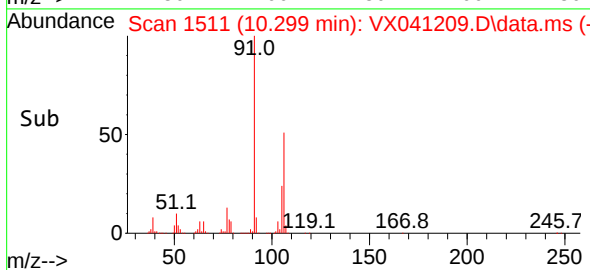
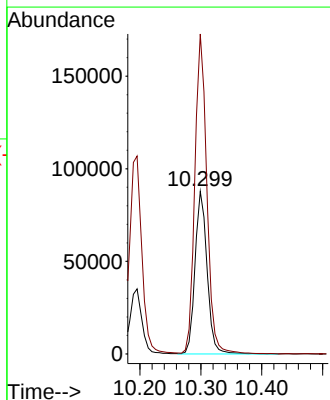
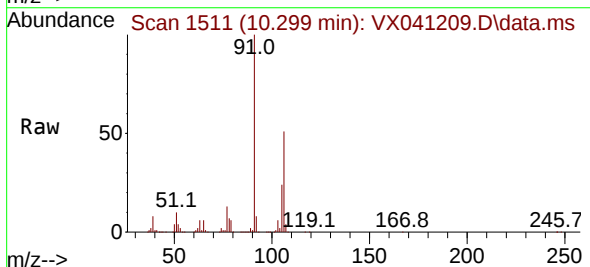
Manual Integrations
APPROVED

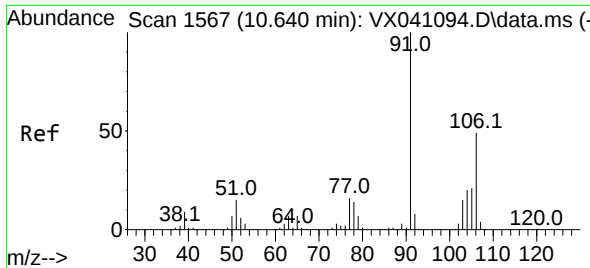
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#68
m/p-Xylenes
Concen: 39.742 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion:106 Resp: 120720
Ion Ratio Lower Upper
106 100
91 195.7 165.5 248.3





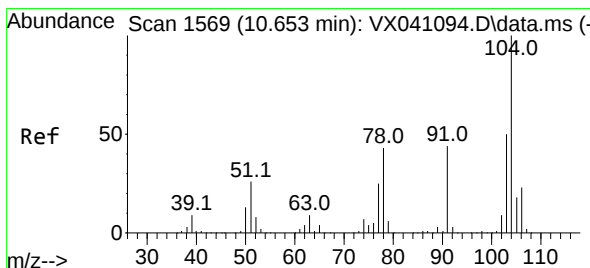
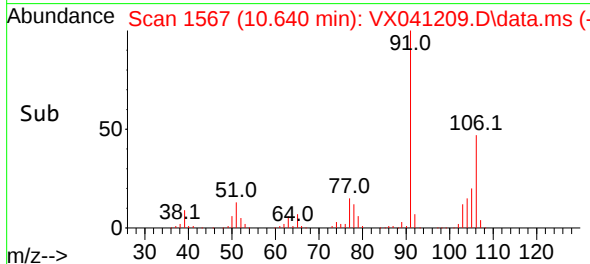
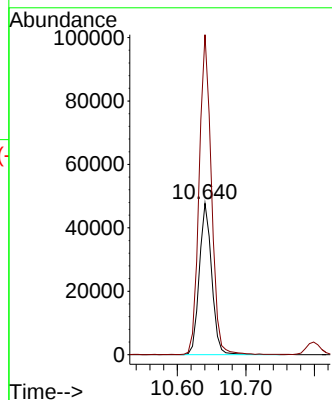
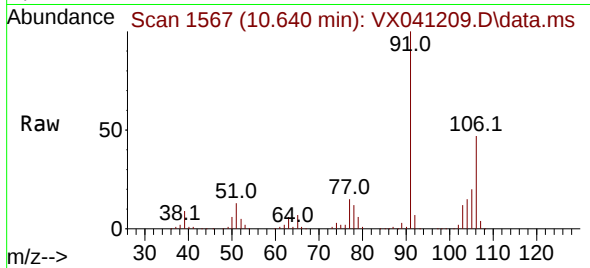
#69
o-Xylene
Concen: 20.283 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:106 Resp: 59923
Ion Ratio Lower Upper
106 100
91 209.4 108.9 326.8

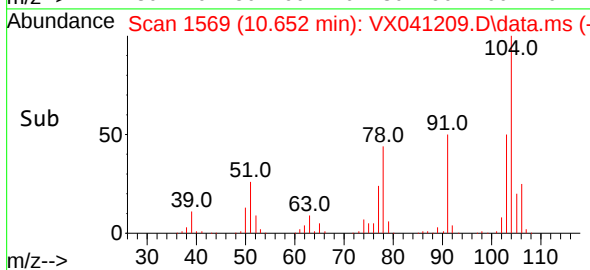
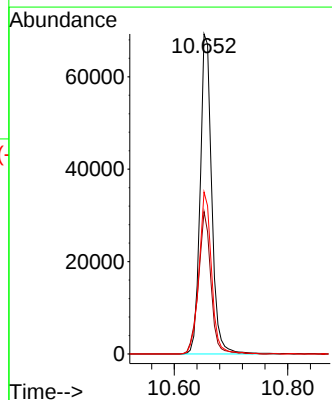
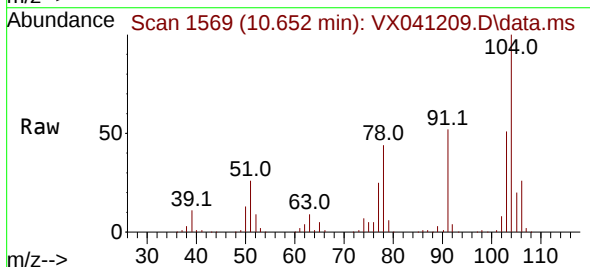
Manual Integrations
APPROVED

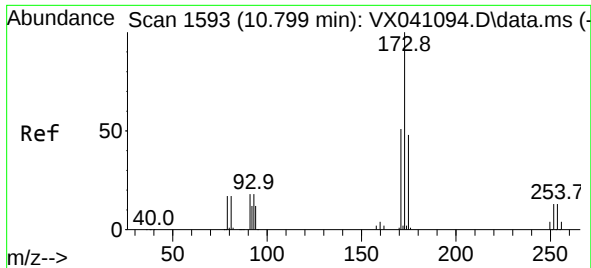
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#70
Styrene
Concen: 20.377 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

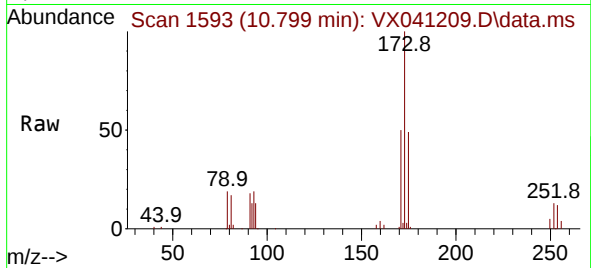
Tgt Ion:104 Resp: 97940
Ion Ratio Lower Upper
104 100
78 47.9 43.6 65.4
103 55.0 43.6 65.4





#71
Bromoform
Concen: 21.790 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

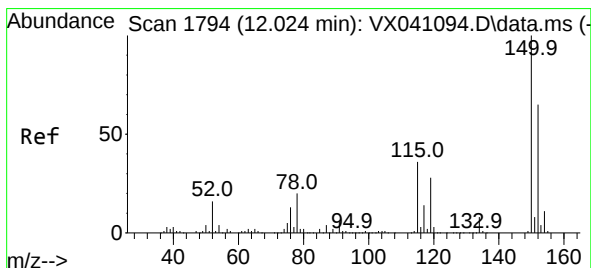
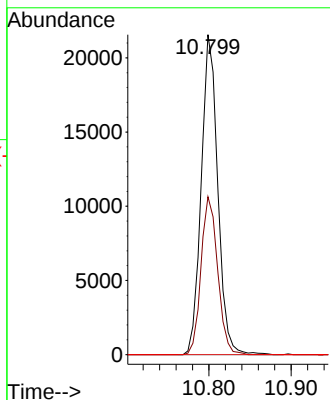
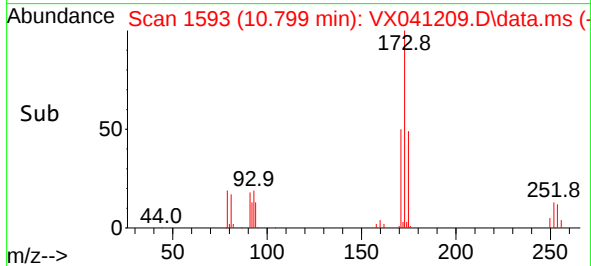
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:173 Resp: 3008
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

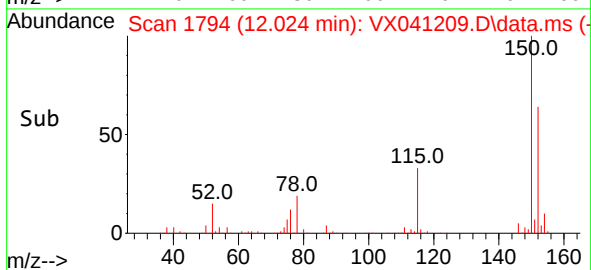
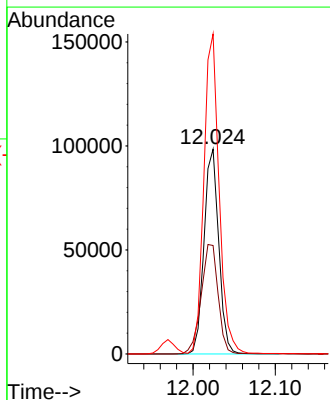
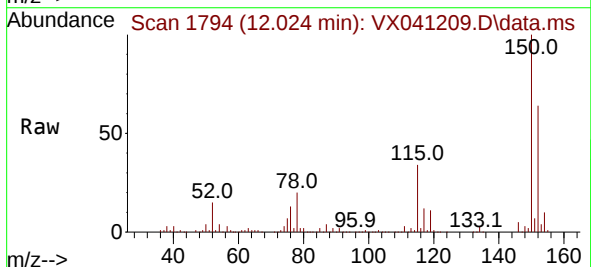
Manual Integrations
APPROVED

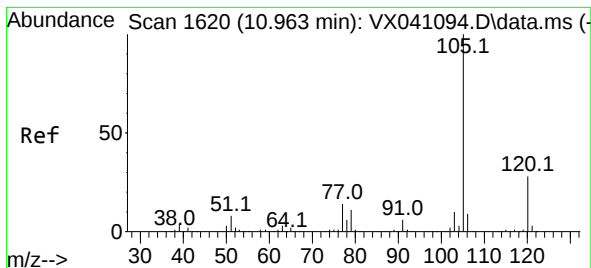
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion:152 Resp: 122738
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 162.3 0.0 345.0





#73

Isopropylbenzene

Concen: 20.497 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion:105 Resp: 156529

Ion Ratio Lower Upper

105 100

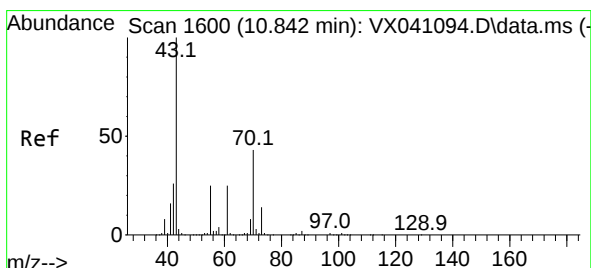
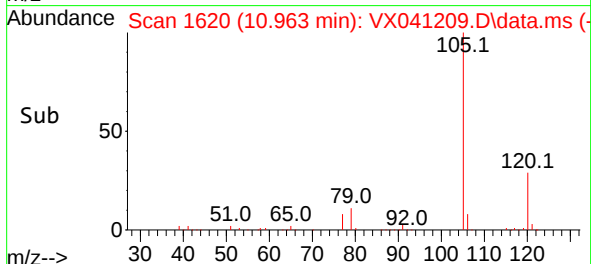
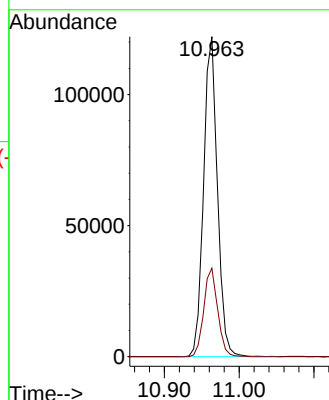
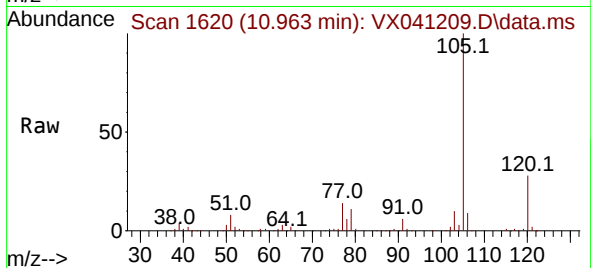
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#74

N-ethyl acetate

Concen: 21.401 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion: 43 Resp: 64231

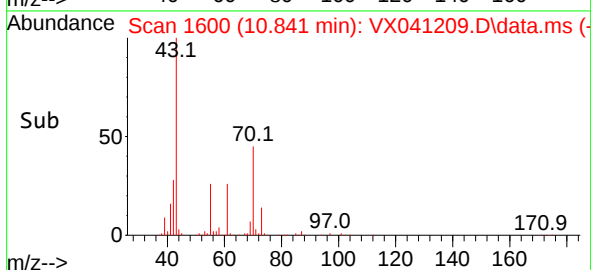
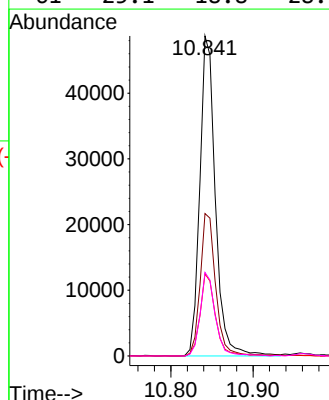
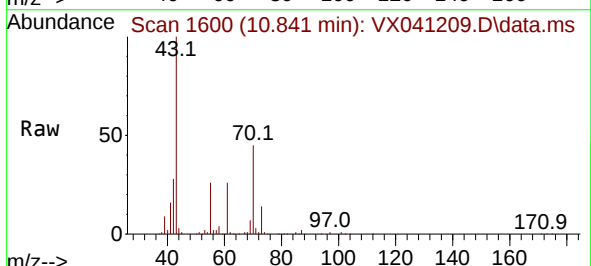
Ion Ratio Lower Upper

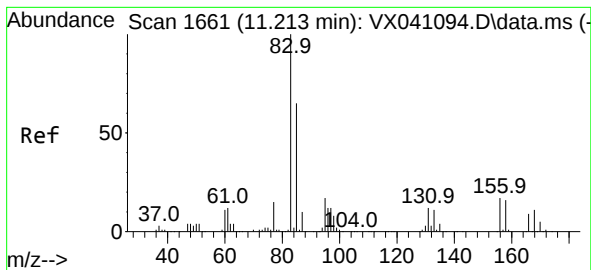
43 100

70 44.3 32.9 49.3

55 25.6 19.3 28.9

61 25.1 18.8 28.2





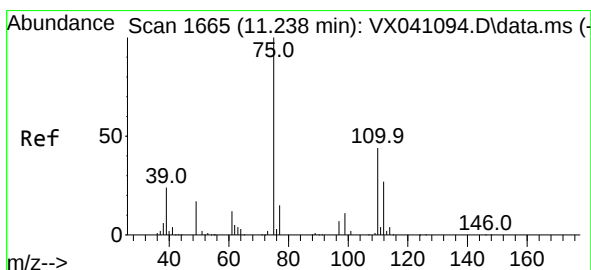
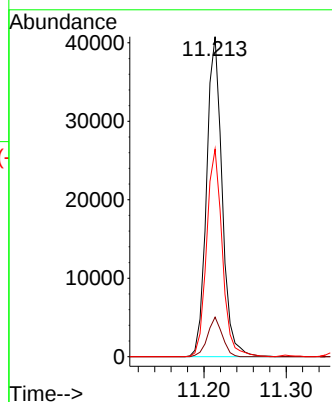
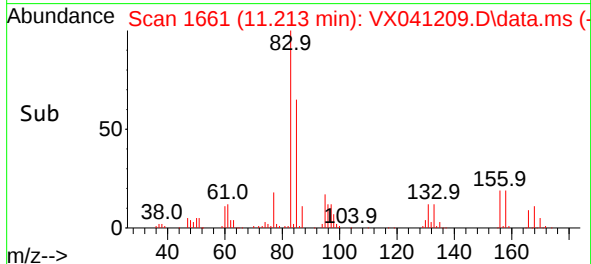
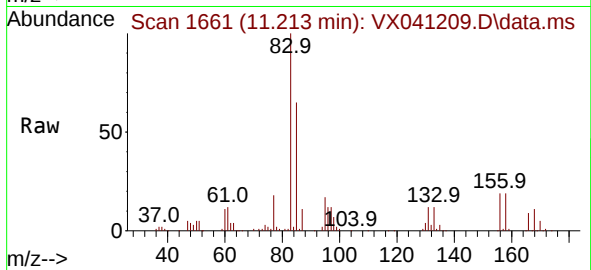
#75
1,1,2,2-Tetrachloroethane
Concen: 22.231 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 83 Resp: 53539
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 65.3 32.0 96.2

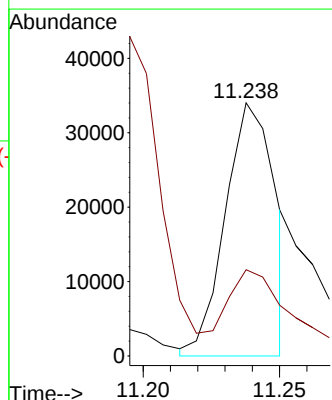
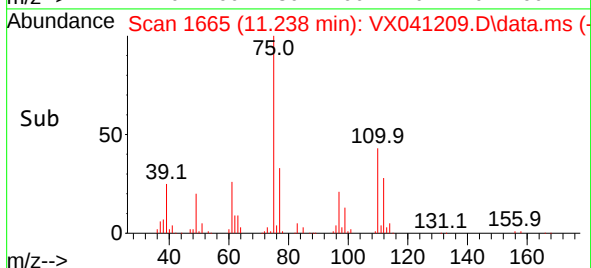
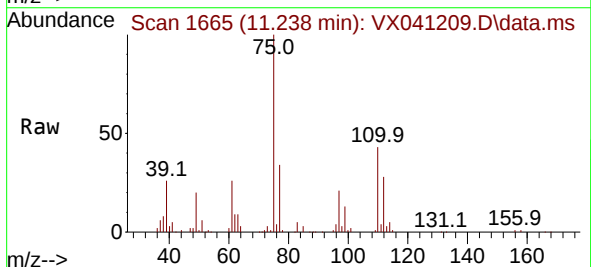
Manual Integrations
APPROVED

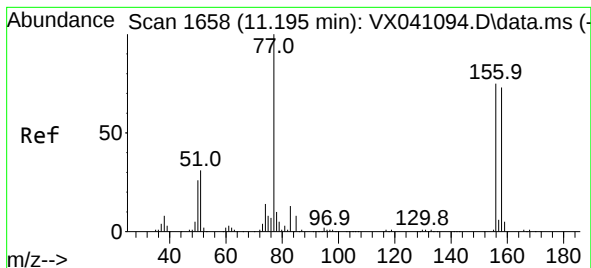
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#76
1,2,3-Trichloropropane
Concen: 21.798 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Tgt Ion: 75 Resp: 43107
Ion Ratio Lower Upper
75 100
77 44.9 19.1 57.5





#77

Bromobenzene

Concen: 19.678 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

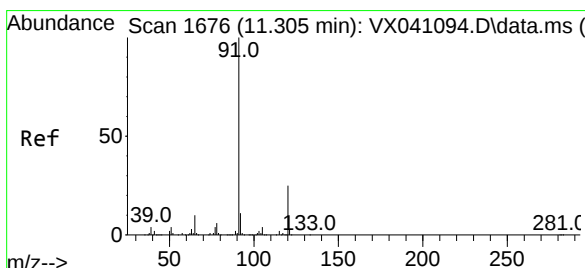
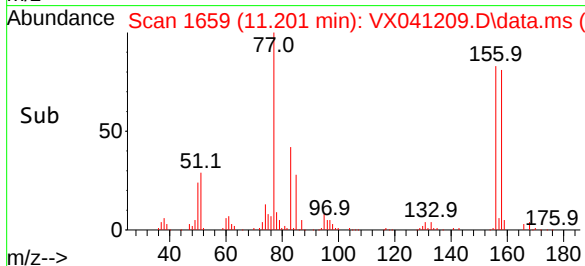
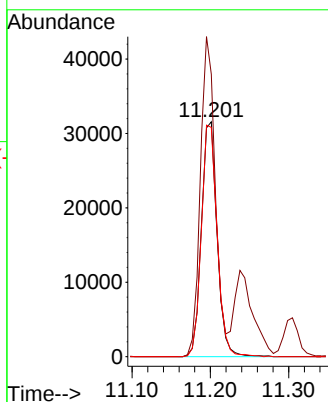
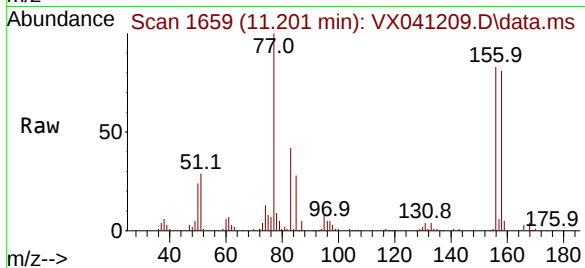
Tgt Ion:	156	Resp:	4373
Ion Ratio	Lower	Upper	
156	100		
77	129.3	88.4	265.3
158	99.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#78

n-propylbenzene

Concen: 20.227 ug/l

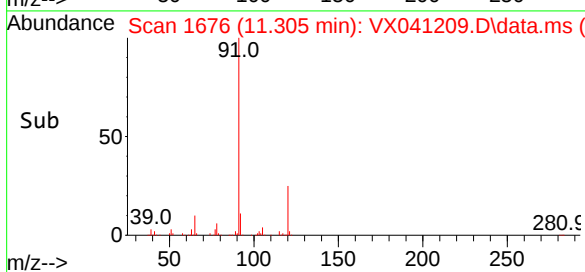
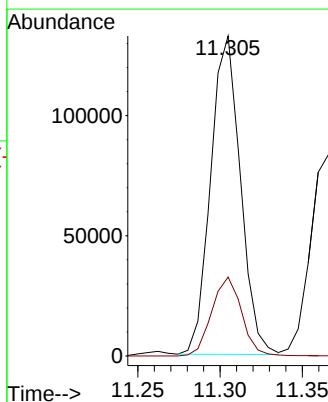
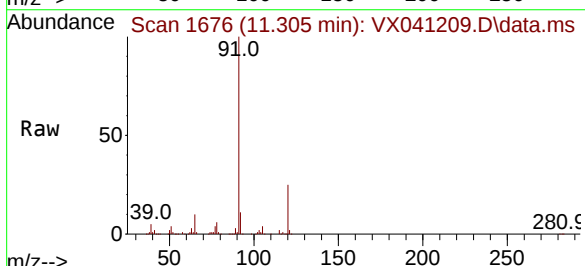
RT: 11.305 min Scan# 1676

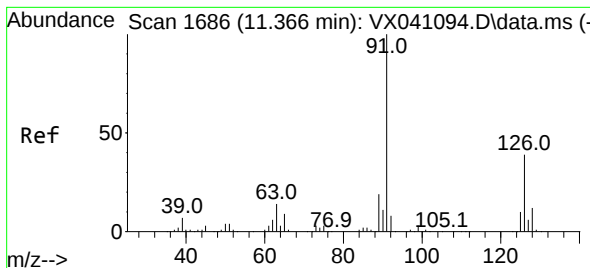
Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion:	91	Resp:	166796
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.5	34.4





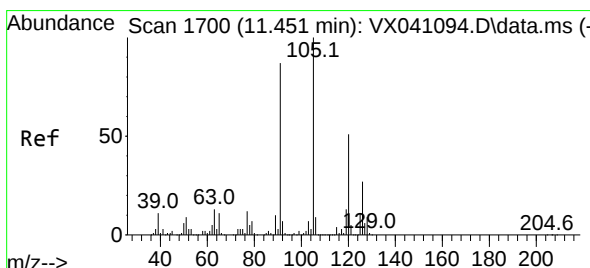
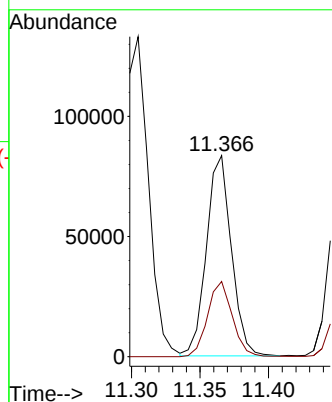
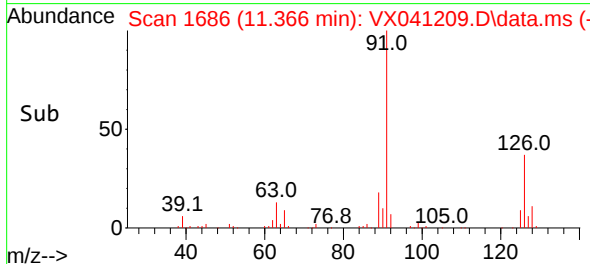
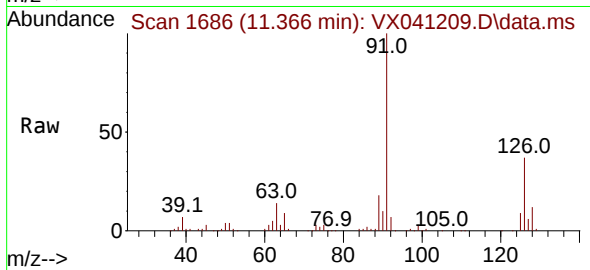
#79
2-Chlorotoluene
Concen: 20.258 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 91 Resp: 105712
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

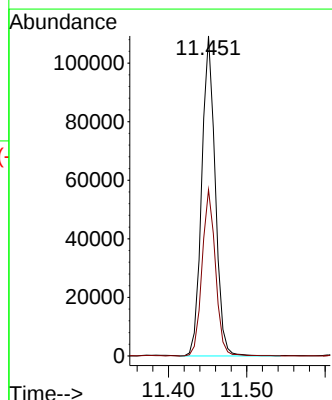
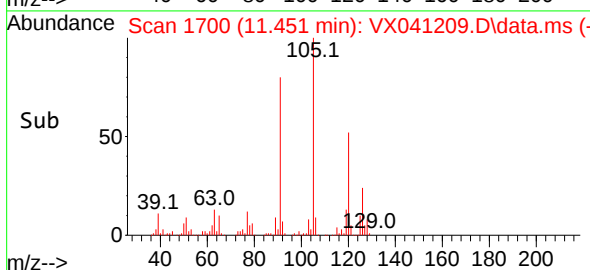
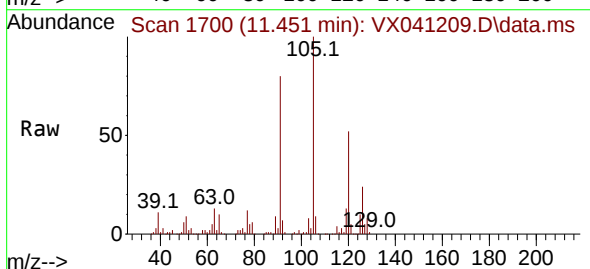
Manual Integrations
APPROVED

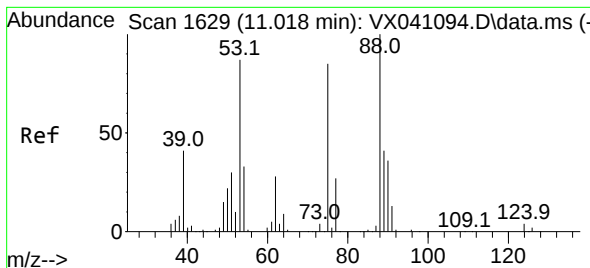
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.642 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

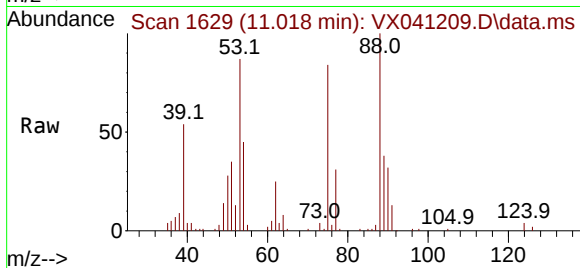
Tgt Ion:105 Resp: 131143
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.130 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

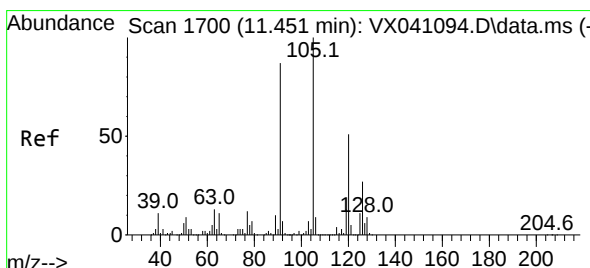
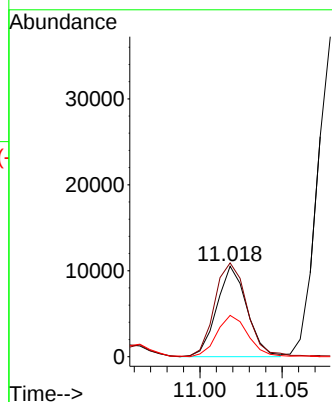
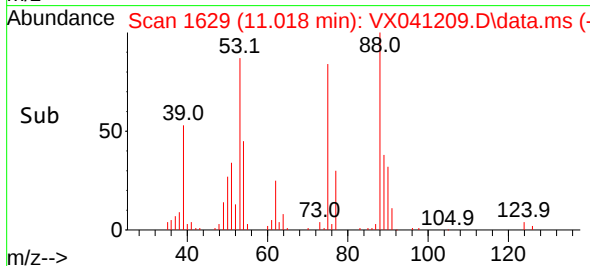
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 75 Resp: 13409
Ion Ratio Lower Upper
75 100
53 112.2 90.5 135.7
89 47.6 36.9 55.3

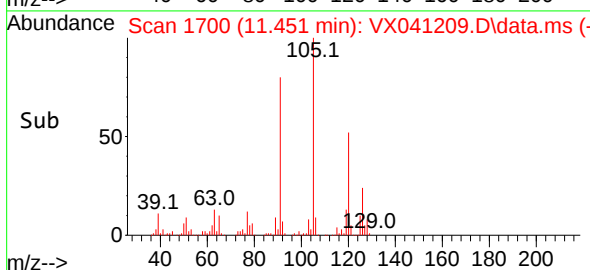
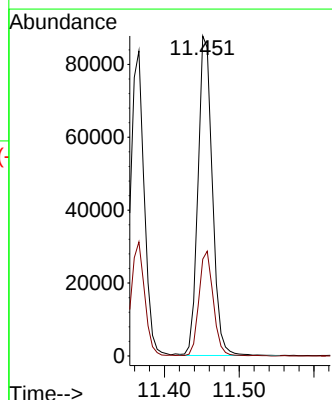
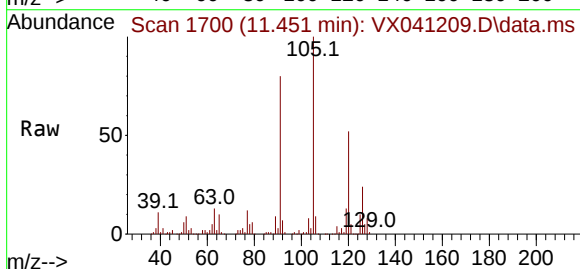
Manual Integrations
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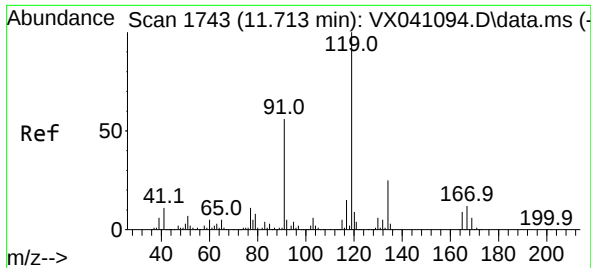
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#82
4-Chlorotoluene
Concen: 19.784 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

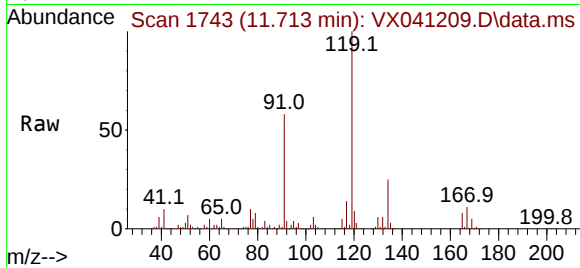
Tgt Ion: 91 Resp: 116989
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.864 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

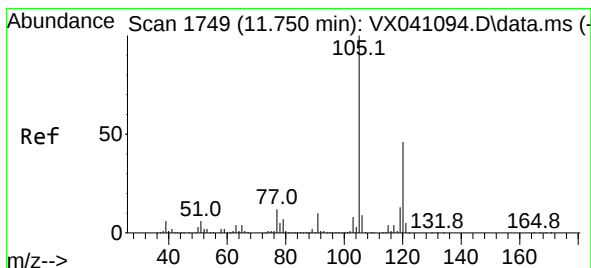
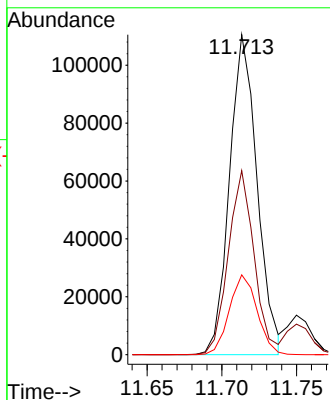
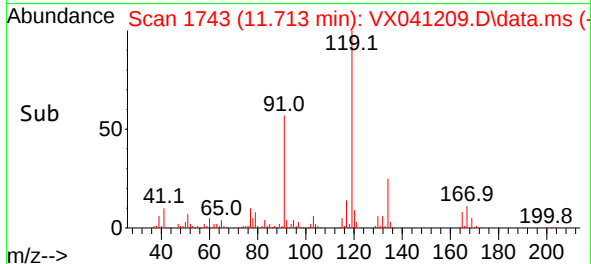
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



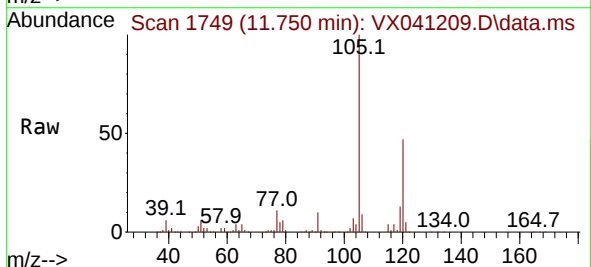
Tgt Ion:119 Resp: 141949
Ion Ratio Lower Upper
119 100
91 54.1 31.2 93.6
134 25.1 11.7 35.0

Manual Integrations
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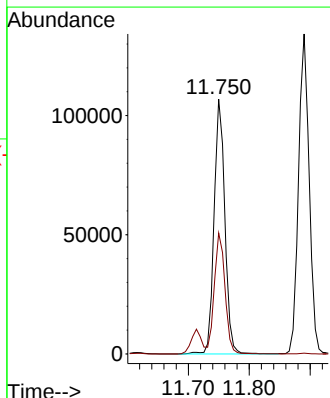
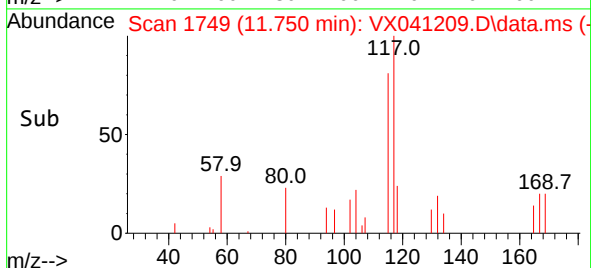
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

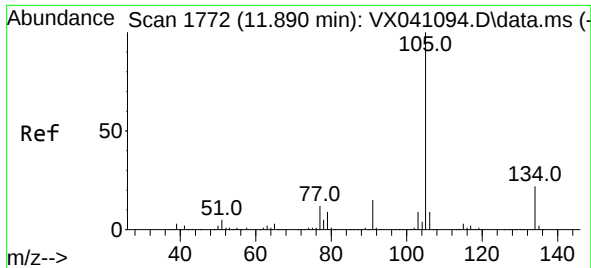


#84
1,2,4-Trimethylbenzene
Concen: 20.786 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18



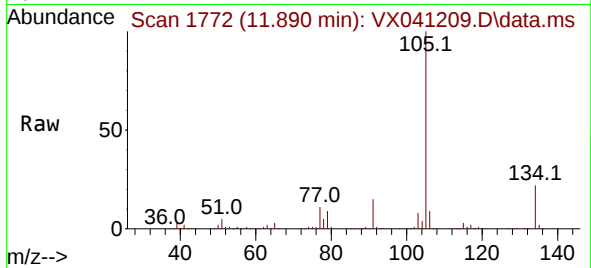
Tgt Ion:105 Resp: 131075
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.753 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

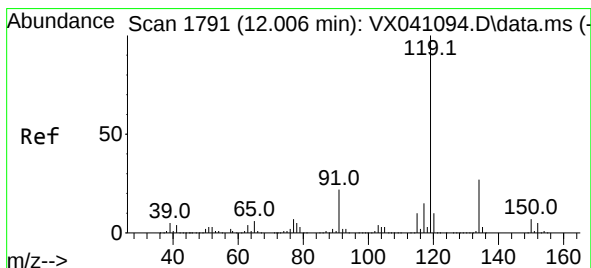
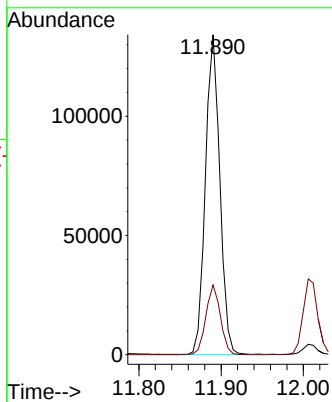
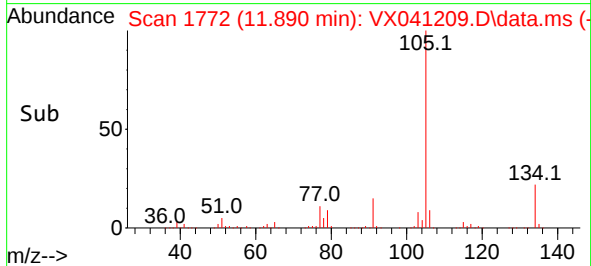
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01



Tgt Ion:105 Resp: 163040
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4

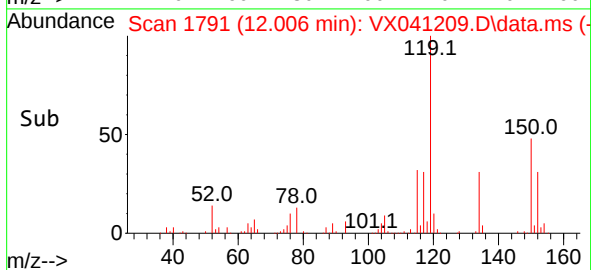
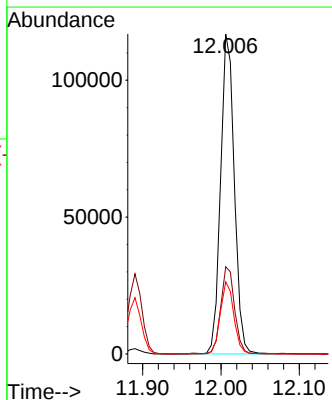
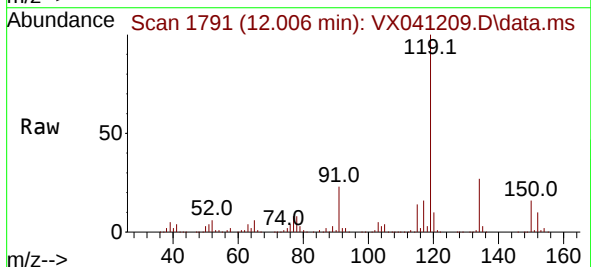
Manual Integrations
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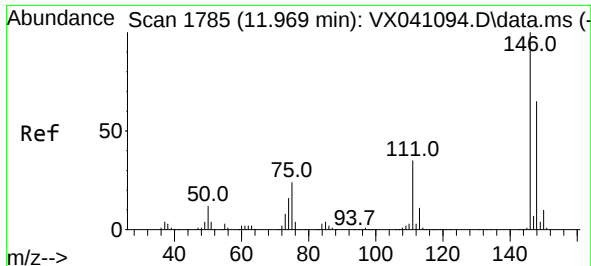
Reviewed By :John Carlone 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#86
 p-Isopropyltoluene
 Concen: 20.649 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041209.D
 Acq: 23 Apr 2024 12:18

Tgt Ion:119 Resp: 142964
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 22.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.426 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion:146 Resp: 7754

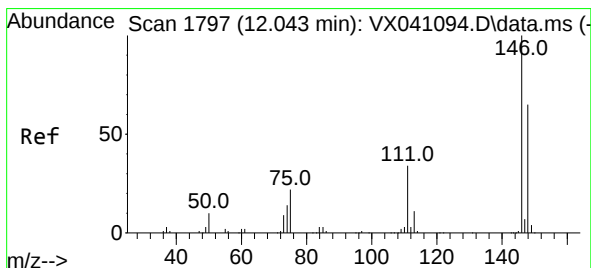
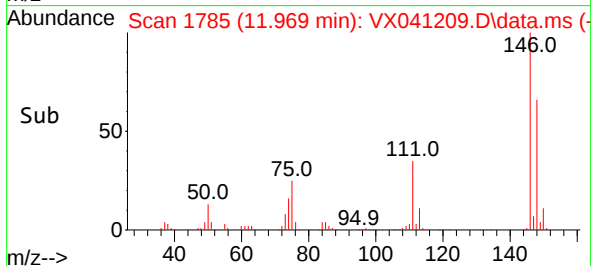
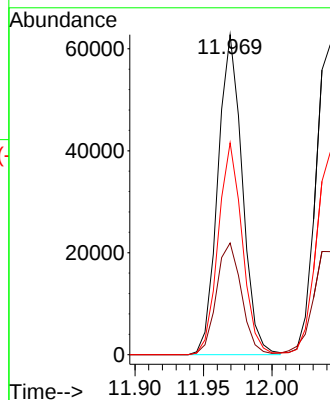
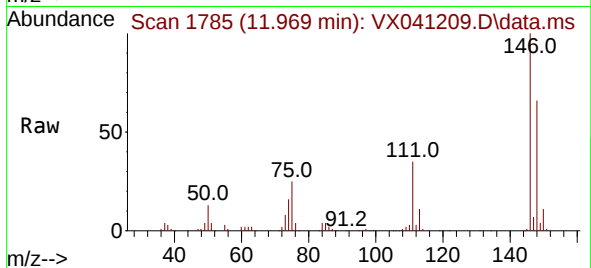
Ion	Ratio	Lower	Upper
146	100		
111	36.1	22.1	66.1
148	65.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#88

1,4-Dichlorobenzene

Concen: 19.121 ug/l

RT: 12.042 min Scan# 1797

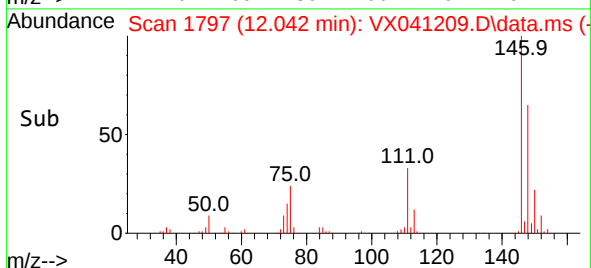
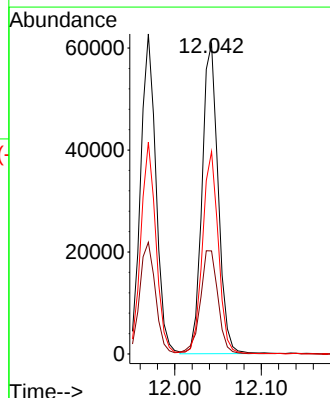
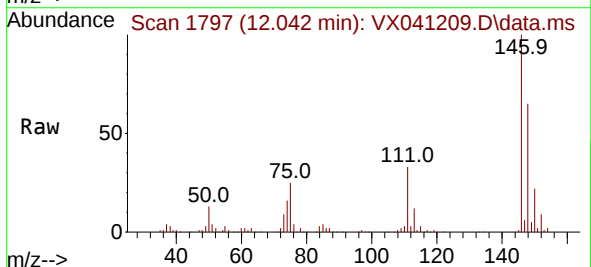
Delta R.T. -0.000 min

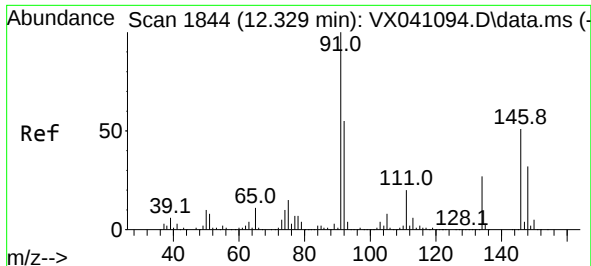
Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion:146 Resp: 78319

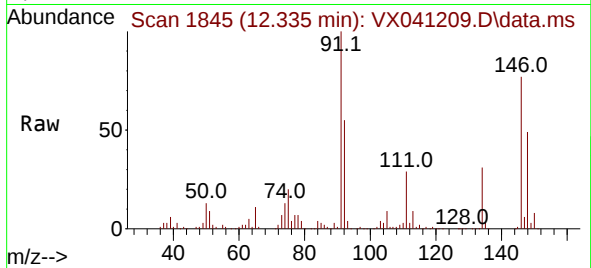
Ion	Ratio	Lower	Upper
146	100		
111	36.4	21.3	63.7
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 18.317 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

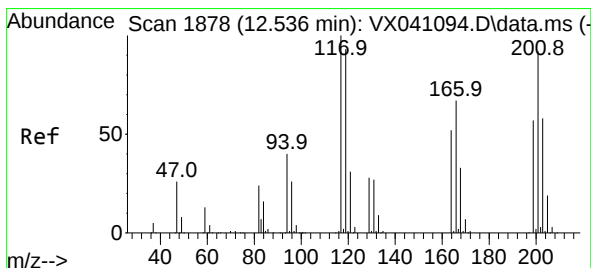
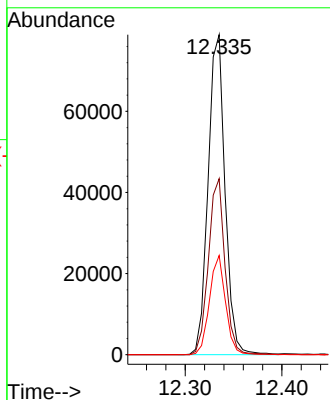
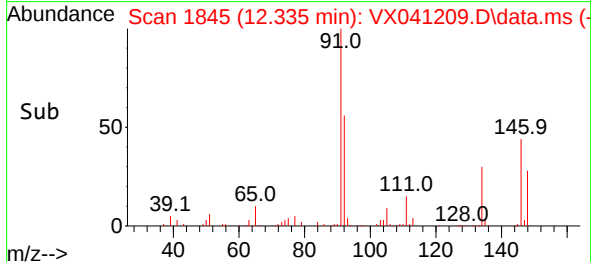
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 91 Resp: 96292
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 29.5 12.6 37.8

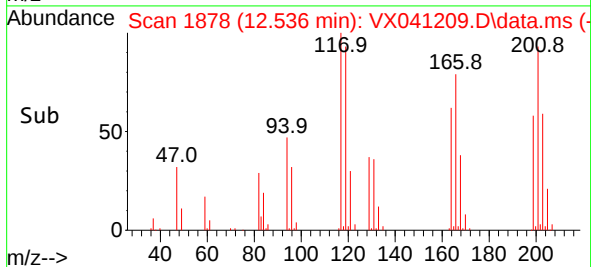
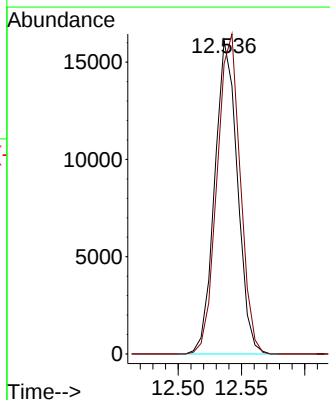
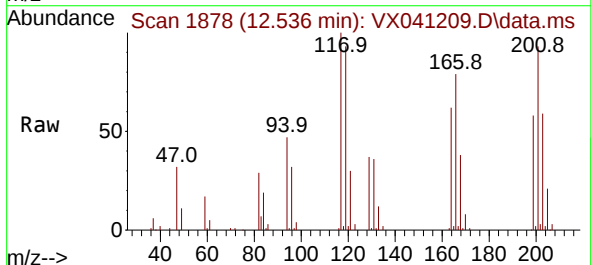
Manual Integrations
APPROVED

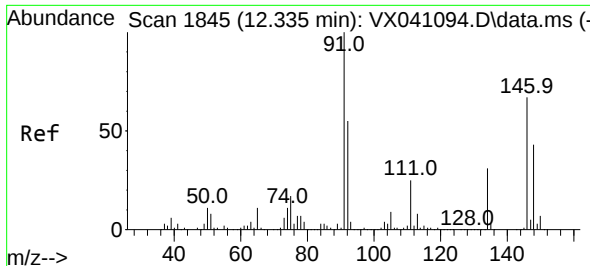
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#90
Hexachloroethane
Concen: 17.603 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

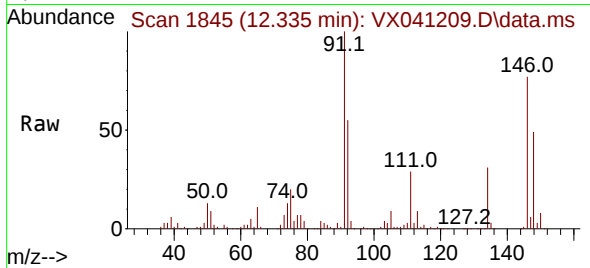
Tgt Ion:117 Resp: 20104
Ion Ratio Lower Upper
117 100
201 103.9 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 18.487 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18

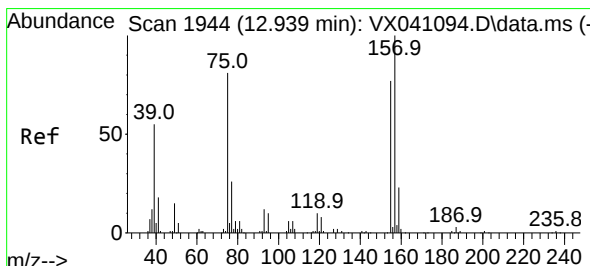
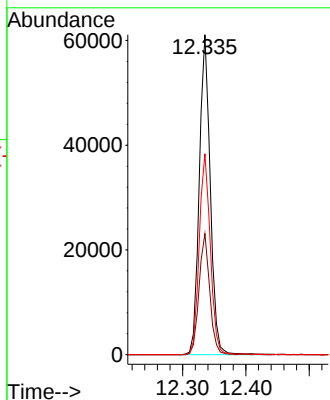
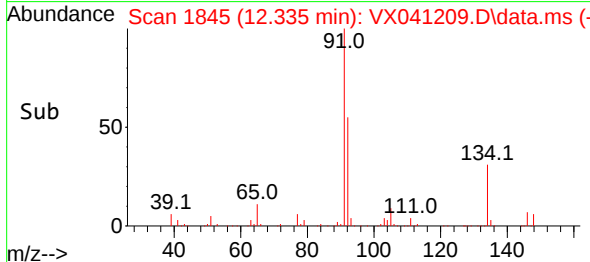
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



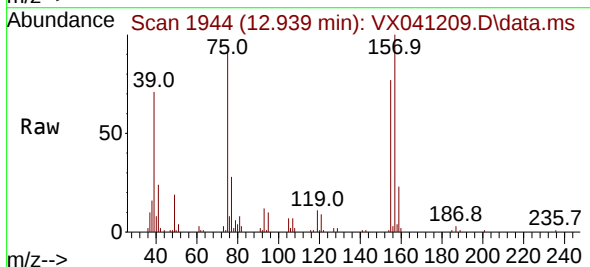
Tgt Ion:146 Resp: 7391
Ion Ratio Lower Upper
146 100
111 36.8 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
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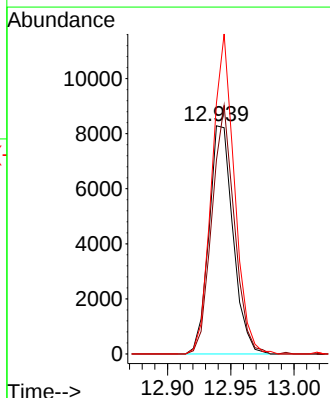
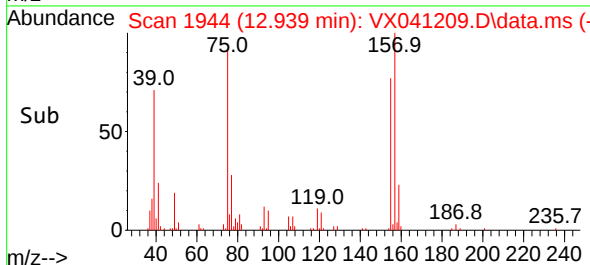
Reviewed By :John Carlone 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

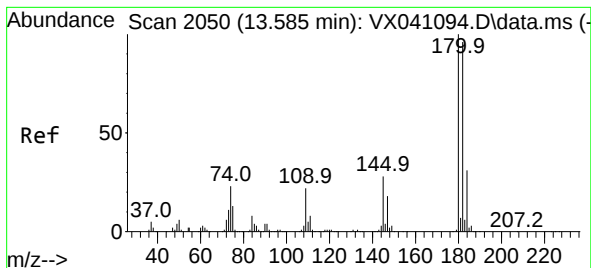


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.696 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX041209.D
Acq: 23 Apr 2024 12:18



Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
155 101.2 36.1 108.5
157 130.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 16.953 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

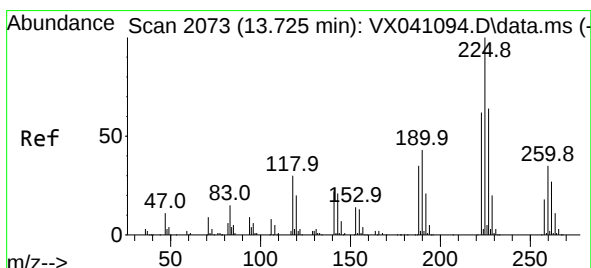
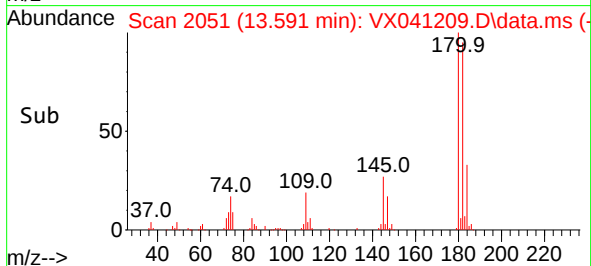
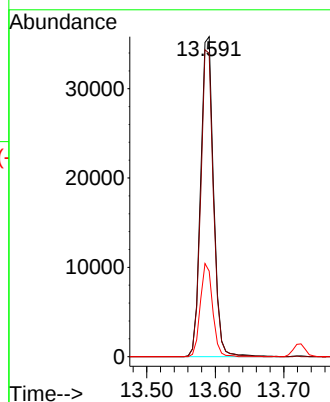
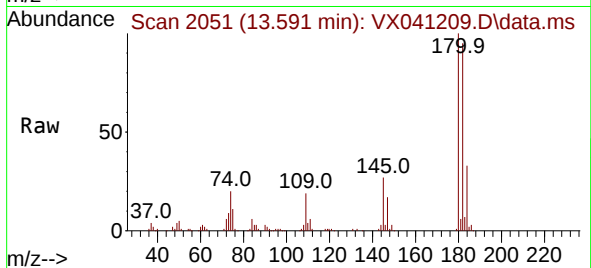
Tgt Ion:180	Resp:	4699
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.3 144.8
145	27.7	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#94

Hexachlorobutadiene

Concen: 17.117 ug/l

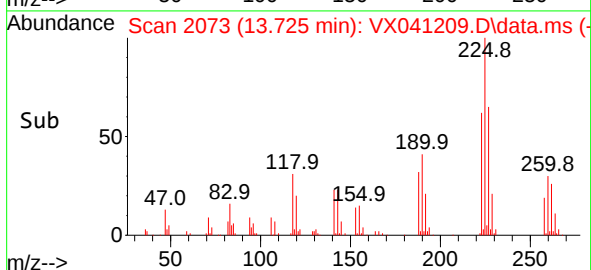
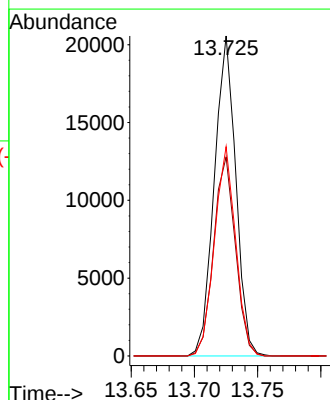
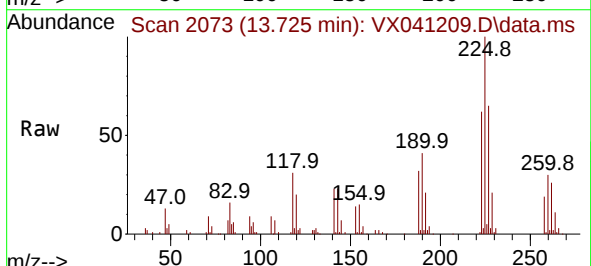
RT: 13.725 min Scan# 2073

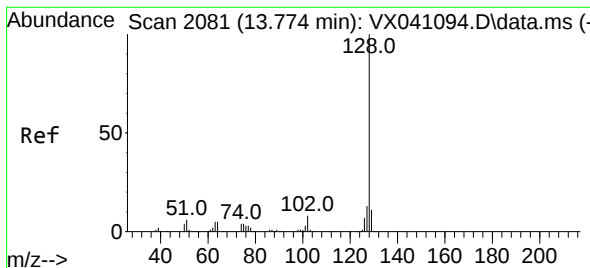
Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion:225	Resp:	24244
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.2
227	64.6	32.5 97.5





#95

Naphthalene

Concen: 18.708 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion:128 Resp: 149010

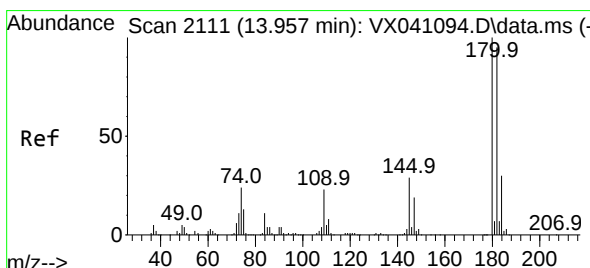
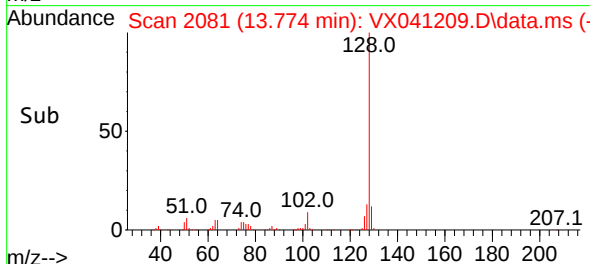
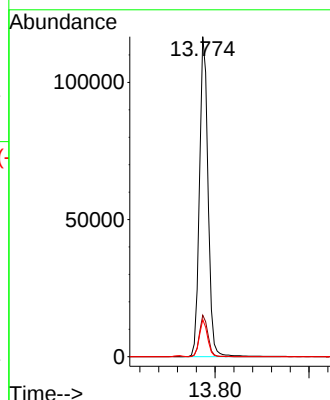
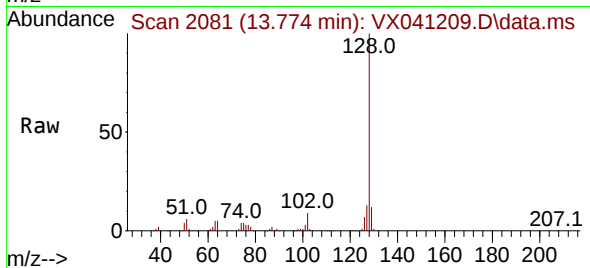
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.097 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041209.D

Acq: 23 Apr 2024 12:18

Tgt Ion:180 Resp: 49924

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.9	140.6
145	28.8	17.8	53.5

