

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041190.D
 Acq On : 22 Apr 2024 15:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042224

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:34:57 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	5.543	168	260637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	353791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122322	49.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.600%		
35) Dibromofluoromethane	5.379	113	108659	50.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	8.647	98	376623	51.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.740%		
62) 4-Bromofluorobenzene	11.079	95	145664	54.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101074	49.029	ug/l	99
3) Chloromethane	1.294	50	105262	47.162	ug/l	99
4) Vinyl Chloride	1.373	62	109679	49.141	ug/l	98
5) Bromomethane	1.599	94	60330	48.007	ug/l	96
6) Chloroethane	1.666	64	40802	48.120	ug/l	98
7) Trichlorofluoromethane	1.861	101	167327	48.384	ug/l	99
8) Diethyl Ether	2.136	74	60198	47.300	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.312	101	109463	53.797	ug/l #	85
10) Methyl Iodide	2.440	142	137493	56.034	ug/l #	88
11) Tert butyl alcohol	3.019	59	115100	258.952	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	102521	53.973	ug/l	85
13) Acrolein	2.239	56	112970	226.566	ug/l	98
14) Allyl chloride	2.654	41	168122	54.485	ug/l #	93
15) Acrylonitrile	3.068	53	298133	262.489	ug/l	99
16) Acetone	2.392	43	231349	256.172	ug/l	92
17) Carbon Disulfide	2.501	76	208829	52.629	ug/l	99
18) Methyl Acetate	2.702	43	133642	50.025	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	343280	50.554	ug/l	100
20) Methylene Chloride	2.782	84	111237	50.433	ug/l	89
21) trans-1,2-Dichloroethene	3.080	96	104128	49.607	ug/l	89
22) Diisopropyl ether	3.763	45	335241	50.249	ug/l #	83
23) Vinyl Acetate	3.715	43	1516493	265.704	ug/l	95
24) 1,1-Dichloroethane	3.599	63	188533	50.554	ug/l	96
25) 2-Butanone	4.562	43	397702	257.860	ug/l	93
26) 2,2-Dichloropropane	4.464	77	160391	50.887	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	128969	49.570	ug/l	88
28) Bromochloromethane	4.891	49	63727	45.029	ug/l #	70
29) Tetrahydrofuran	5.001	42	267861	254.932	ug/l	94
30) Chloroform	5.086	83	200098	49.989	ug/l	97
31) Cyclohexane	5.458	56	163708	49.026	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	181973	50.712	ug/l	96
36) 1,1-Dichloropropene	5.684	75	138043	50.132	ug/l	95
37) Ethyl Acetate	4.714	43	162027	53.632	ug/l	99
38) Carbon Tetrachloride	5.665	117	159397	51.827	ug/l	99
39) Methylcyclohexane	7.372	83	185628	50.824	ug/l	92
40) Benzene	6.031	78	424532	49.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	85934	54.637	ug/l	94
42) 1,2-Dichloroethane	6.080	62	147389	49.985	ug/l	94
43) Isopropyl Acetate	6.342	43	249459	51.259	ug/l	95
44) Trichloroethene	7.122	130	124037	50.167	ug/l	84
45) 1,2-Dichloropropane	7.421	63	101641	49.848	ug/l	99
46) Dibromomethane	7.574	93	78332	51.519	ug/l #	75
47) Bromodichloromethane	7.817	83	149086	53.196	ug/l	97
48) Methyl methacrylate	7.689	41	123759	53.764	ug/l	92
49) 1,4-Dioxane	7.671	88	53594	1081.724	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	818405	268.664	ug/l	96
52) Toluene	8.714	92	281320	52.499	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	152988	55.652	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	167841	53.707	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	109690	52.460	ug/l	97
56) Ethyl methacrylate	9.116	69	178956	55.984	ug/l	93
57) 1,3-Dichloropropane	9.305	76	178773	51.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	386305	248.305	ug/l	91
59) 2-Hexanone	9.433	43	638157	273.190	ug/l	94
60) Dibromochloromethane	9.518	129	133033	55.115	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117880	52.546	ug/l	98
64) Tetrachloroethene	9.268	164	124654	50.856	ug/l	89
65) Chlorobenzene	10.079	112	328454	49.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	117465	52.139	ug/l	98
67) Ethyl Benzene	10.189	91	535721	51.037	ug/l	98
68) m/p-Xylenes	10.299	106	433972	102.416	ug/l	90
69) o-Xylene	10.640	106	214139	51.960	ug/l	91
70) Styrene	10.652	104	361327	53.892	ug/l	95
71) Bromoform	10.799	173	110664	57.453	ug/l #	100
73) Isopropylbenzene	10.963	105	556941	49.511	ug/l	96
74) N-amyl acetate	10.841	43	231234	52.305	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	176026	49.621	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	142543m	48.936	ug/l	
77) Bromobenzene	11.195	156	160032	48.888	ug/l	77
78) n-propylbenzene	11.305	91	613178	50.483	ug/l	95
79) 2-Chlorotoluene	11.366	91	372580	48.474	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	472540	50.494	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	53966	52.270	ug/l	90
82) 4-Chlorotoluene	11.451	91	430696	49.447	ug/l	91
83) tert-Butylbenzene	11.713	119	508374	50.728	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	473015	50.925	ug/l	93
85) sec-Butylbenzene	11.890	105	599523	51.805	ug/l	94
86) p-Isopropyltoluene	12.006	119	537333	52.689	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	291090	49.504	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	293727	48.685	ug/l	94
89) n-Butylbenzene	12.329	91	420351	54.286	ug/l	96
90) Hexachloroethane	12.536	117	88223	52.443	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	296467	50.338	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38714	52.011	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	214153	52.444	ug/l	96
94) Hexachlorobutadiene	13.725	225	109720	52.591	ug/l	99
95) Naphthalene	13.774	128	614714	52.393	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	218991	50.913	ug/l	95

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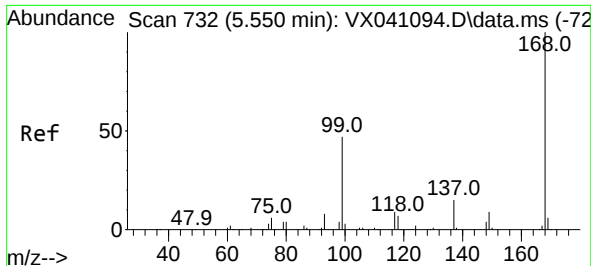
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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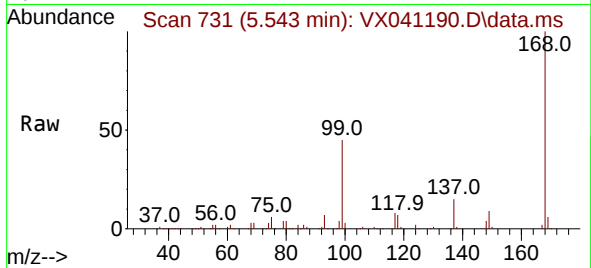
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX041190.D
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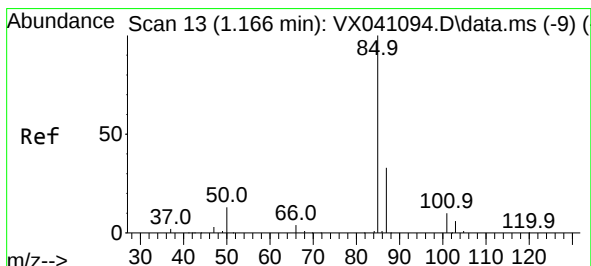
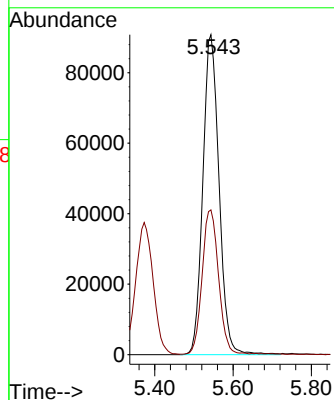
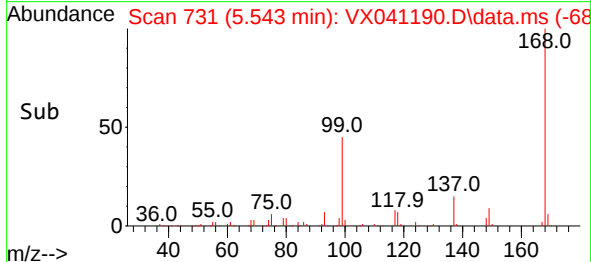
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion:168 Resp: 26063
Ion Ratio Lower Upper
168 100
99 45.1 56.6 85.0

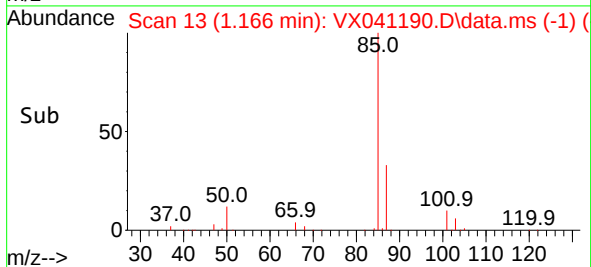
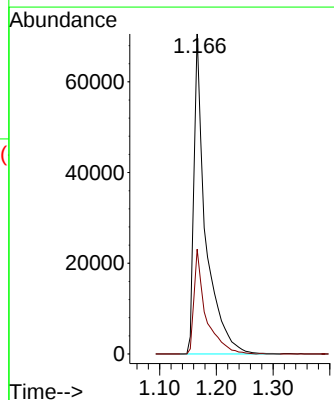
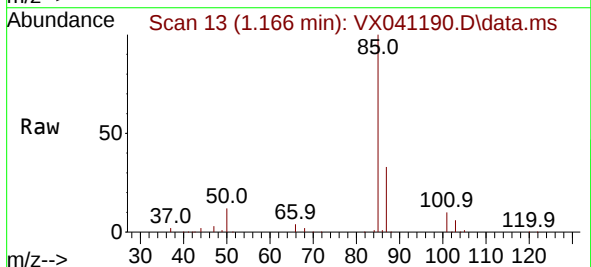
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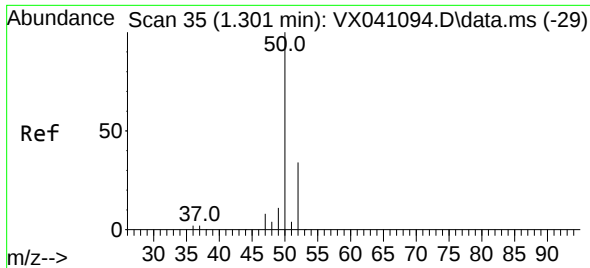
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 49.029 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

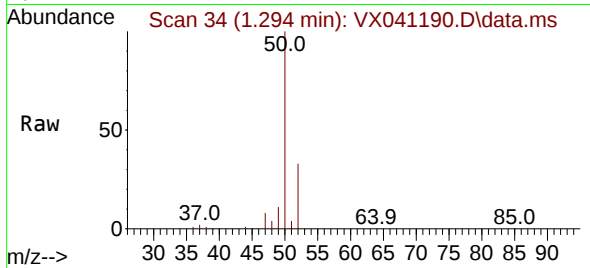
Tgt Ion: 85 Resp: 101074
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 47.162 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

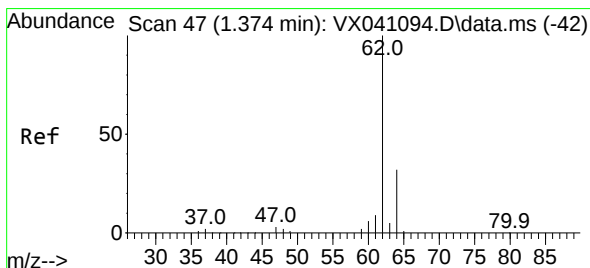
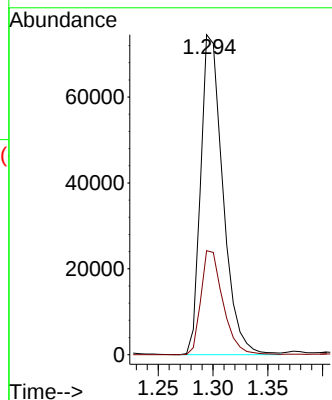
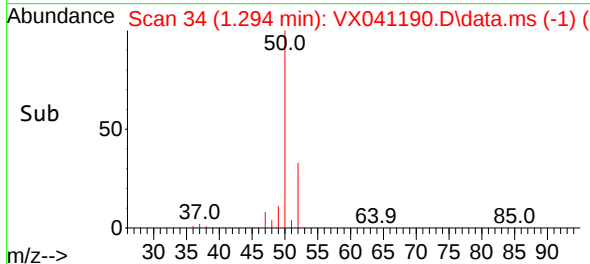
Instrument :
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Tgt Ion: 50 Resp: 105262
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

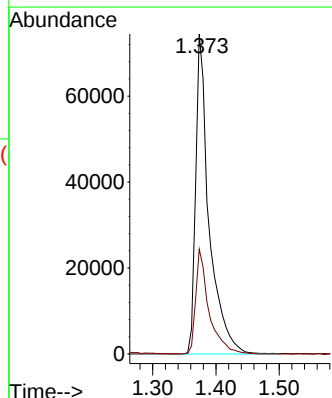
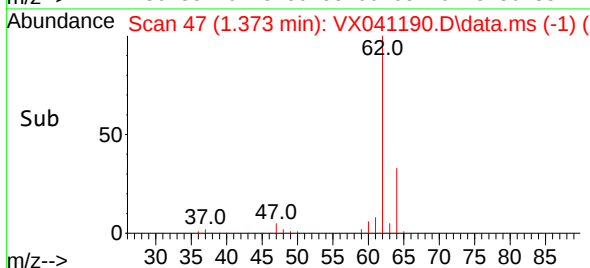
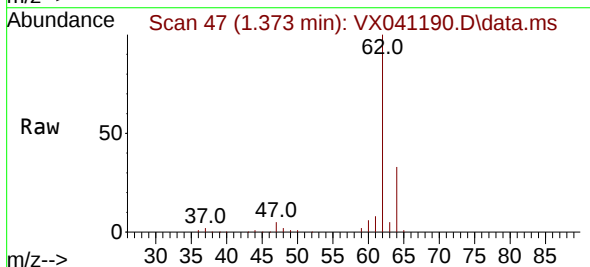
Manual Integrations
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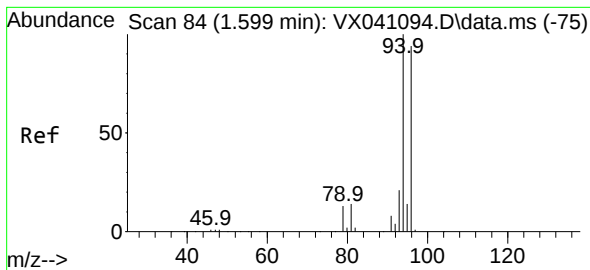
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 49.141 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 62 Resp: 109679
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5

Bromomethane

Concen: 48.007 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion: 94 Resp: 60330

Ion Ratio Lower Upper

94 100

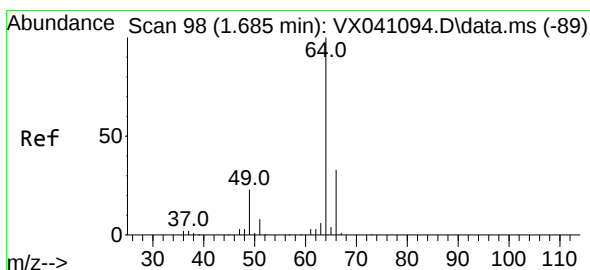
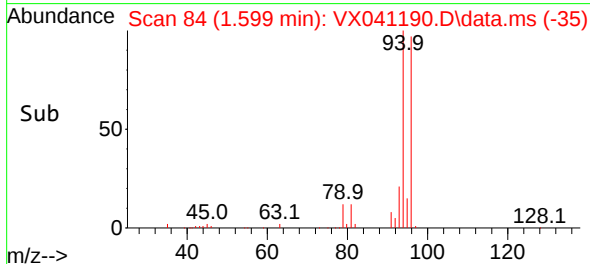
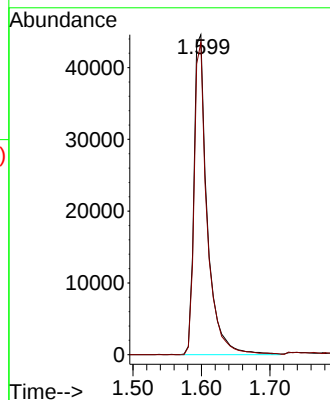
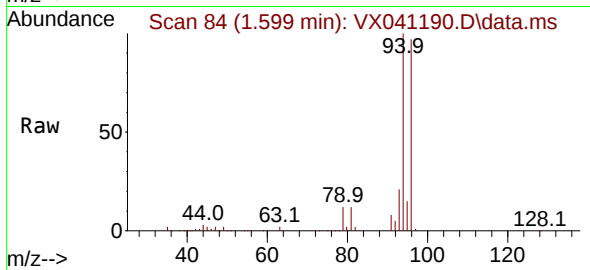
96 97.5 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/23/2024



#6

Chloroethane

Concen: 48.120 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX041190.D

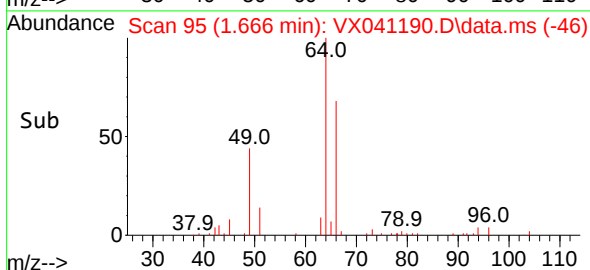
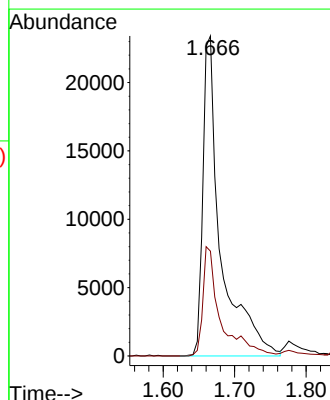
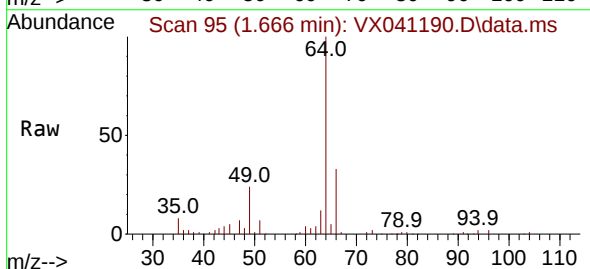
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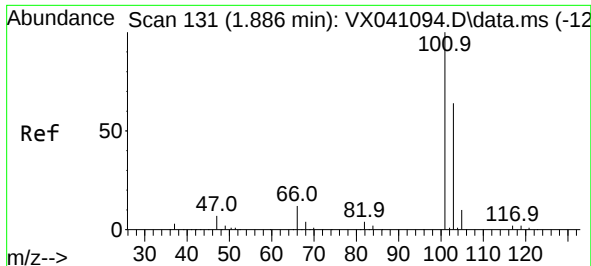
Tgt Ion: 64 Resp: 40802

Ion Ratio Lower Upper

64 100

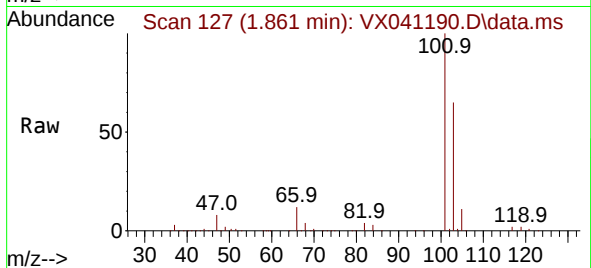
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.384 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

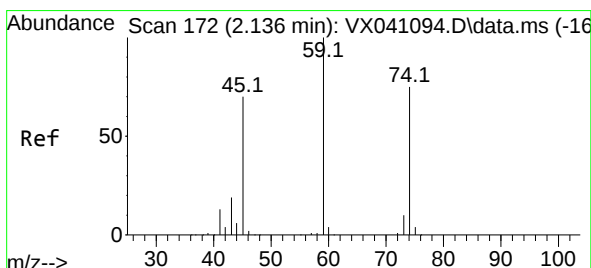
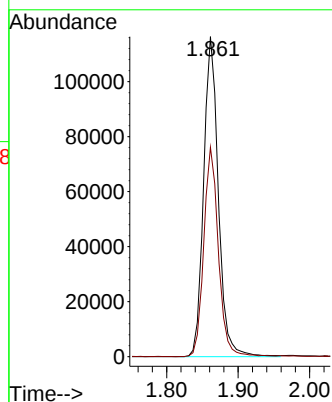
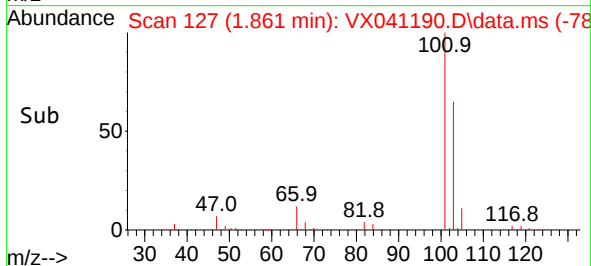
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 16732
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

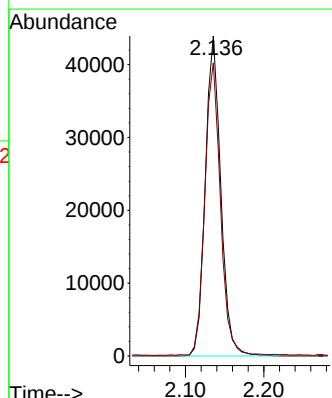
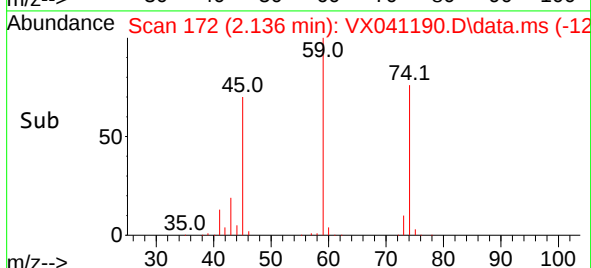
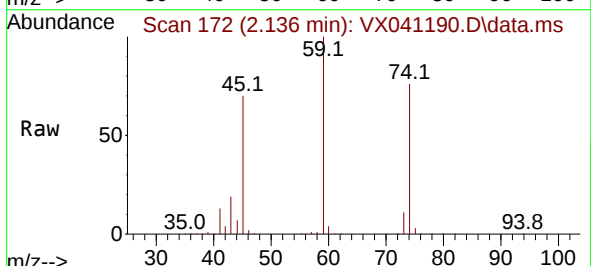
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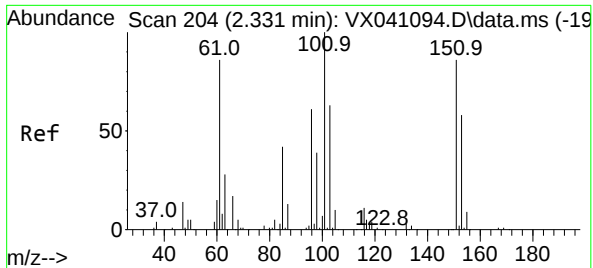
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#8
Diethyl Ether
Concen: 47.300 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 74 Resp: 60198
Ion Ratio Lower Upper
74 100
45 92.4 53.3 159.8





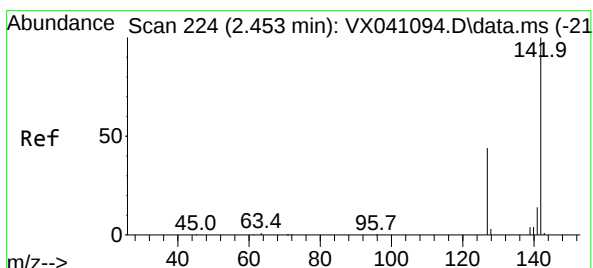
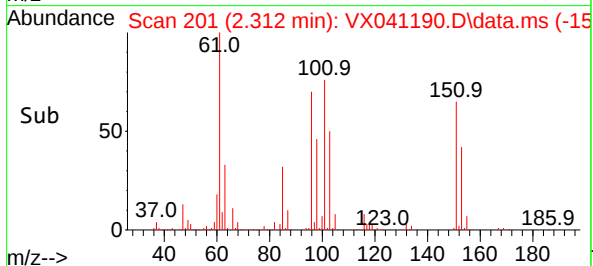
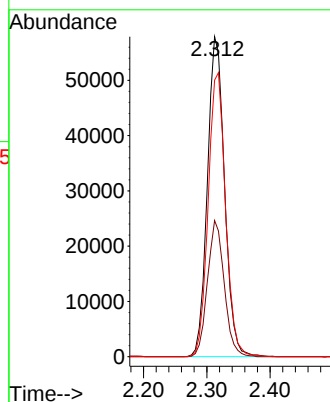
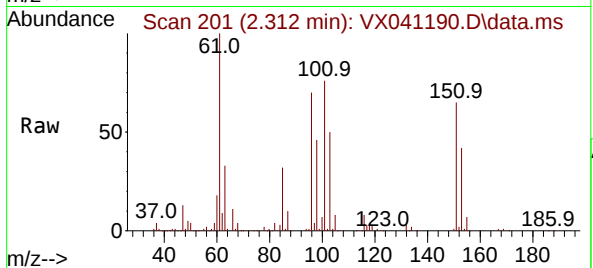
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.797 ug/l
RT: 2.312 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVX042224

Tgt Ion:101 Resp: 10946
Ion Ratio Lower Upper
101 100
85 41.5 37.0 55.6
151 89.6 58.6 87.8

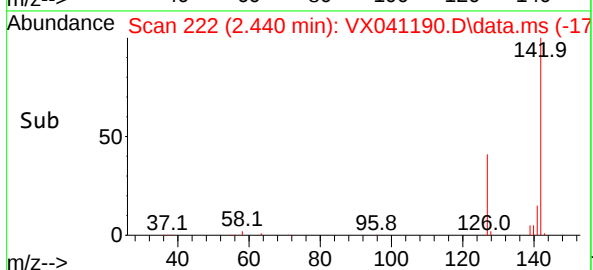
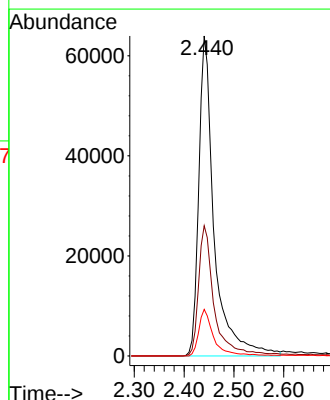
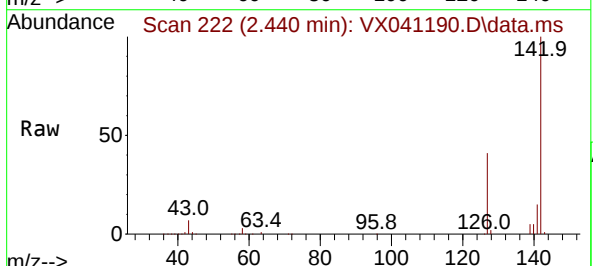
Manual Integrations
APPROVED

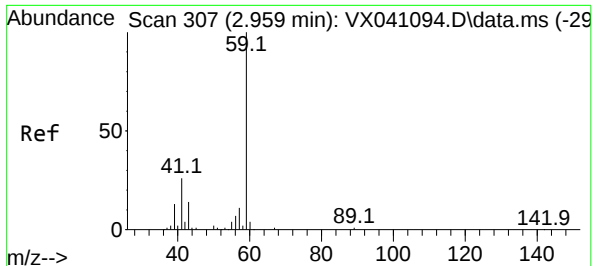
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 56.034 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

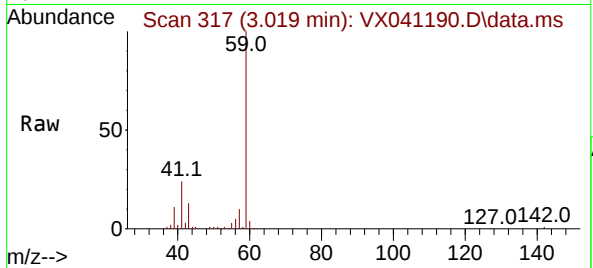
Tgt Ion:142 Resp: 137493
Ion Ratio Lower Upper
142 100
127 41.0 41.6 62.4#
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 258.952 ug/l
RT: 3.019 min Scan# 317
Delta R.T. -0.043 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

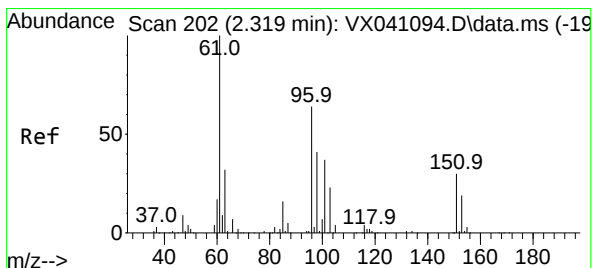
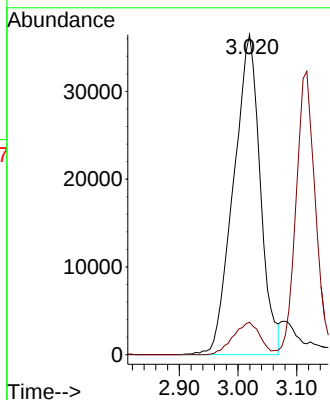
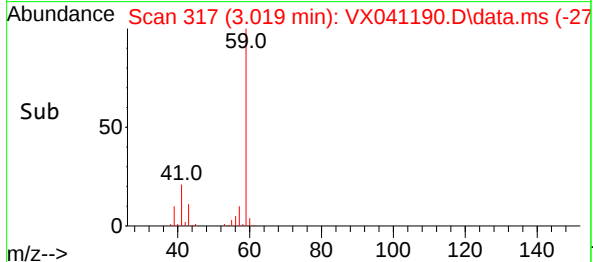
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 59 Resp: 115100
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

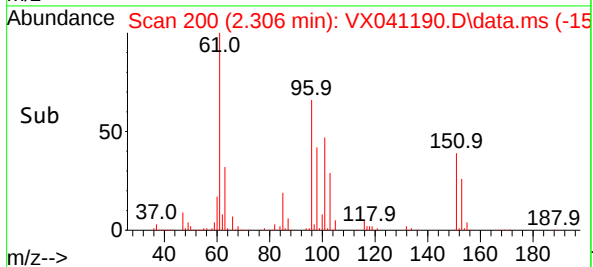
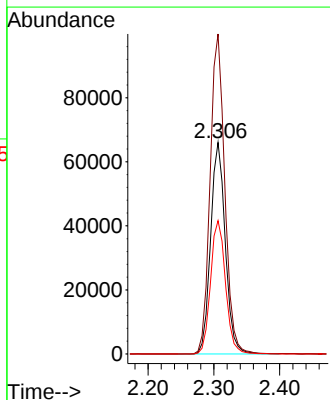
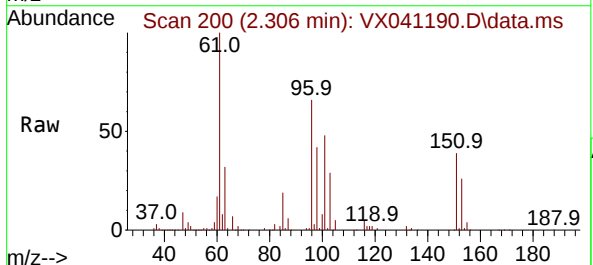
Manual Integrations
APPROVED

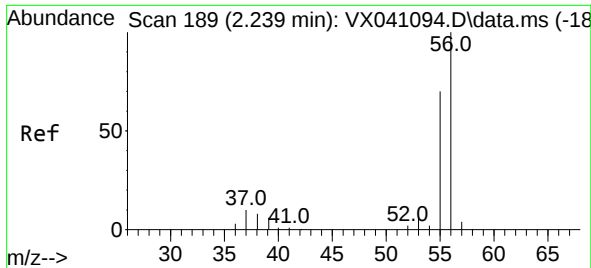
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#12
1,1-Dichloroethene
Concen: 53.973 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

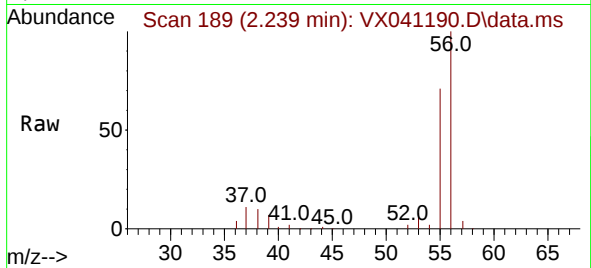
Tgt Ion: 96 Resp: 102521
Ion Ratio Lower Upper
96 100
61 151.3 144.6 216.8
98 63.0 50.4 75.6





#13
Acrolein
Concen: 226.566 ug/l
RT: 2.239 min Scan# 112970
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

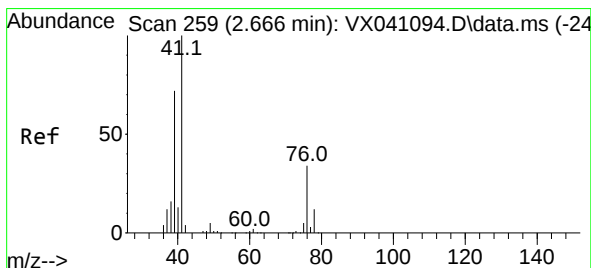
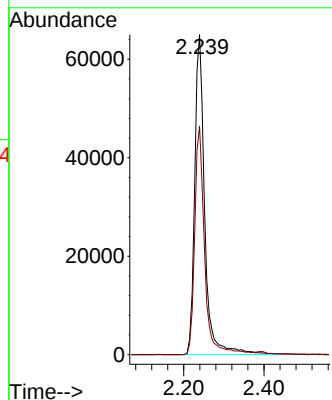
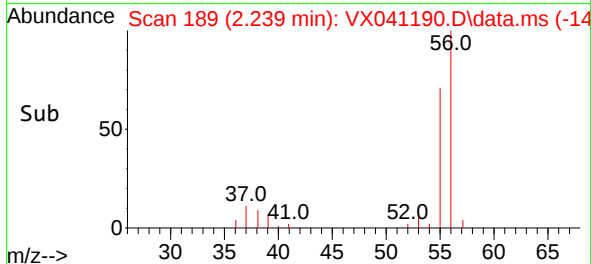
Instrument : MSVOA_X
ClientSampleId : ICVVX042224



Tgt Ion: 56 Resp: 112970
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

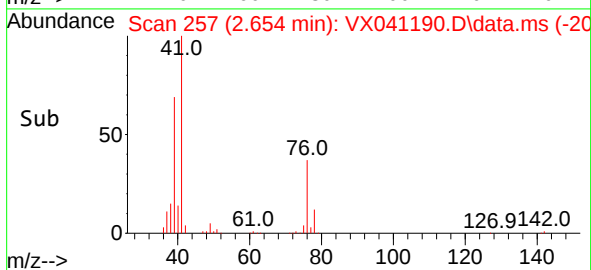
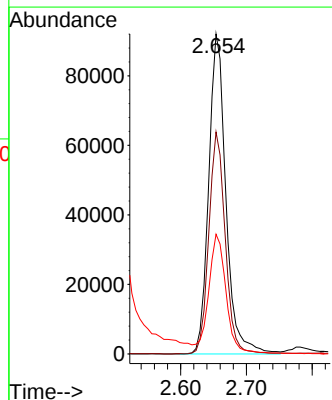
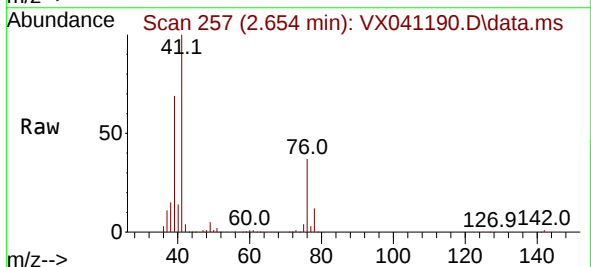
Manual Integrations
APPROVED

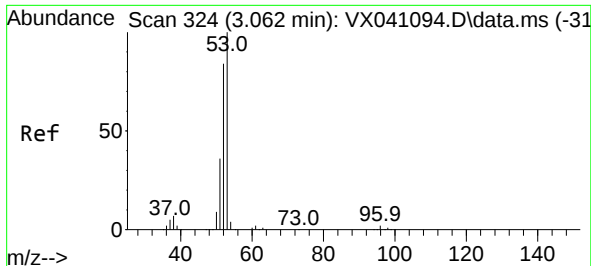
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#14
Allyl chloride
Concen: 54.485 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

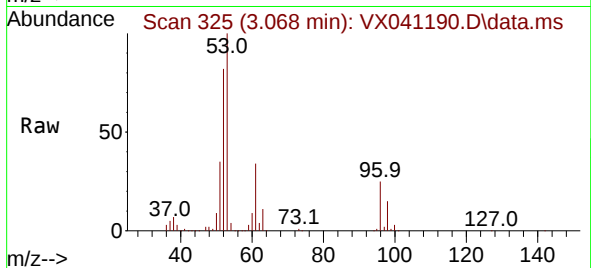
Tgt Ion: 41 Resp: 168122
Ion Ratio Lower Upper
41 100
39 66.0 55.8 83.6
76 37.8 24.3 36.5





#15
Acrylonitrile
Concen: 262.489 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

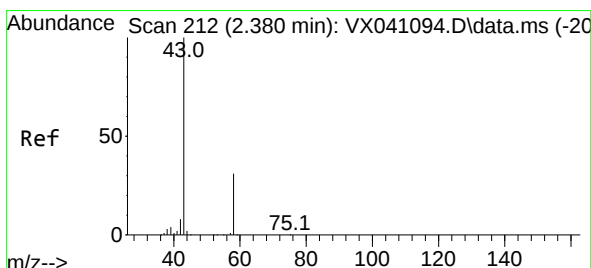
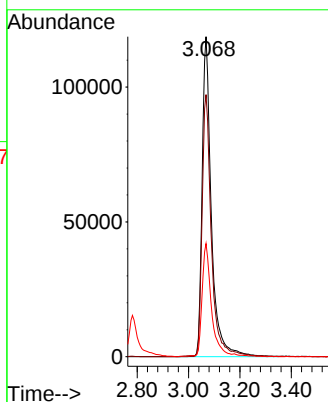
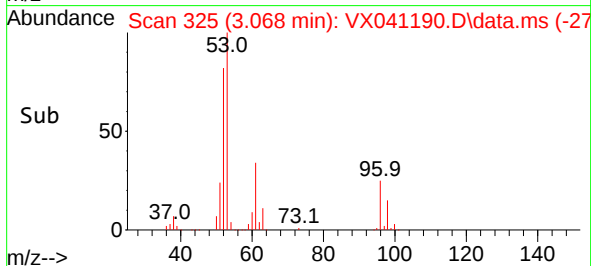
Instrument :
MSVOA_X
ClientSampleId :
ICVX042224



Tgt Ion: 53 Resp: 29813
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 36.4 29.8 44.6

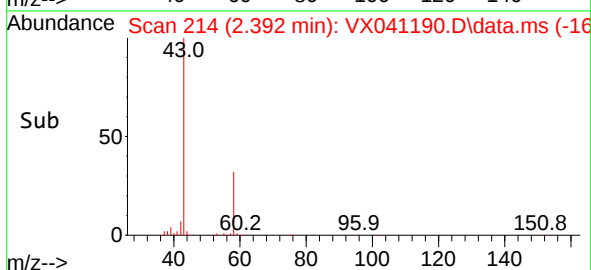
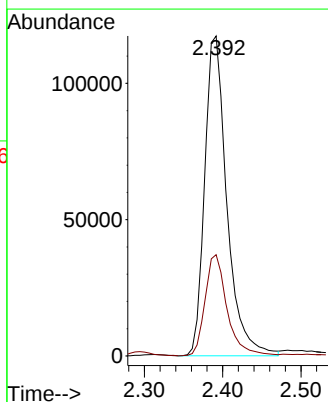
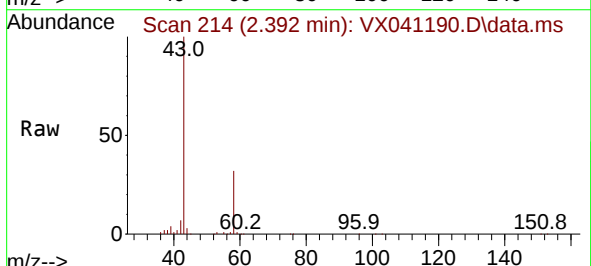
Manual Integrations
APPROVED

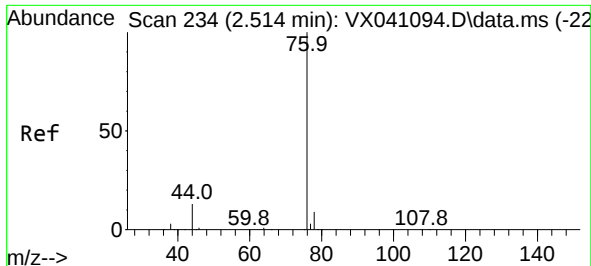
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#16
Acetone
Concen: 256.172 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

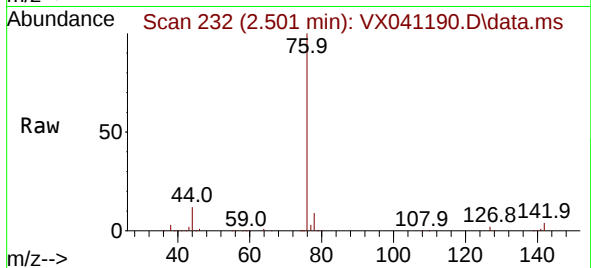
Tgt Ion: 43 Resp: 231349
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





#17
Carbon Disulfide
Concen: 52.629 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

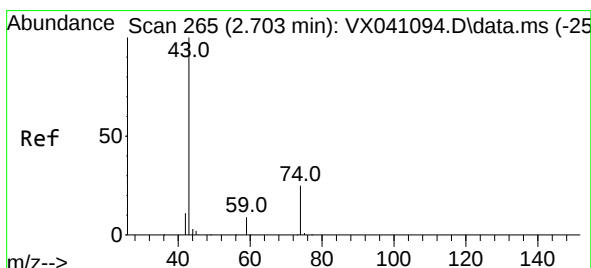
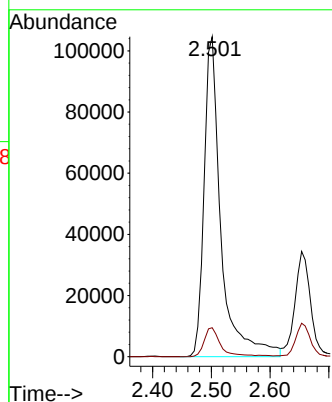
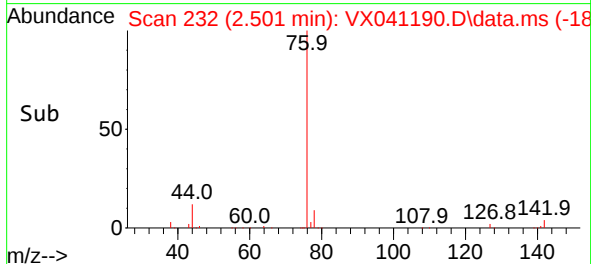
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 76 Resp: 208829
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

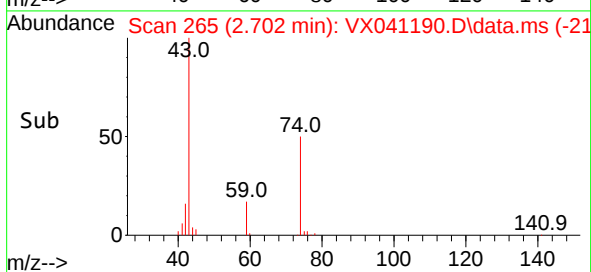
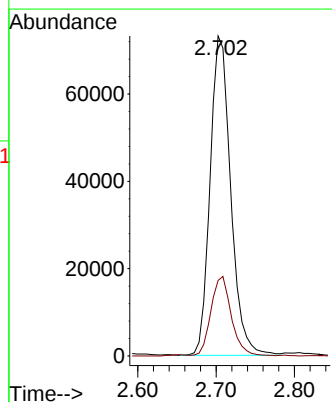
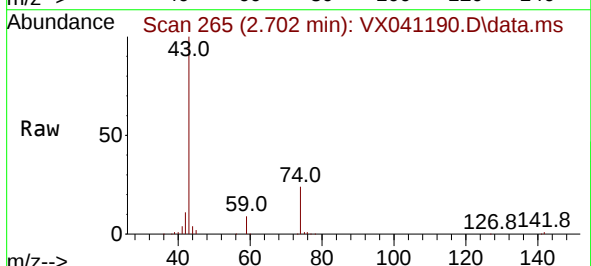
Manual Integrations
APPROVED

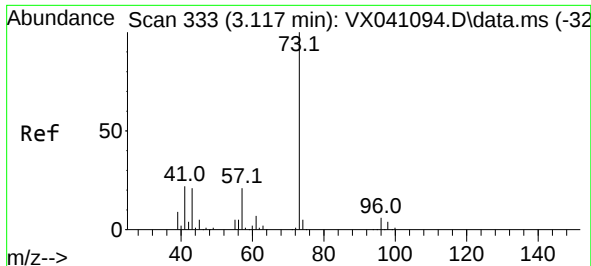
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#18
Methyl Acetate
Concen: 50.025 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

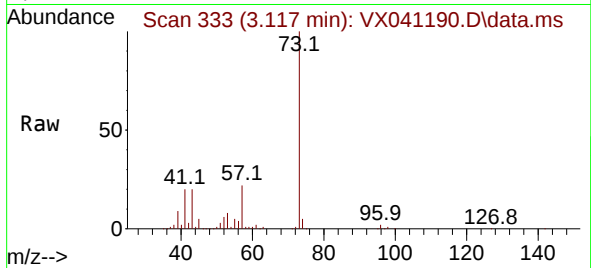
Tgt Ion: 43 Resp: 133642
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.554 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

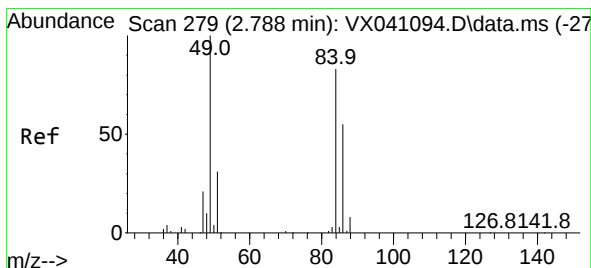
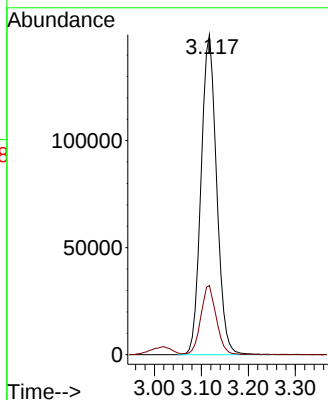
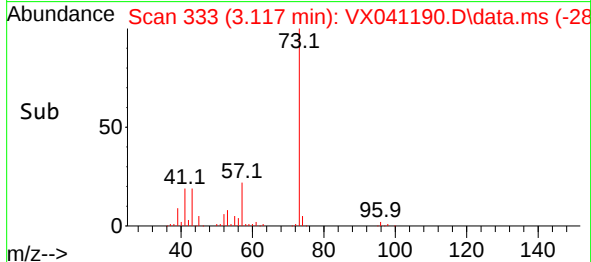
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 73 Resp: 343280
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

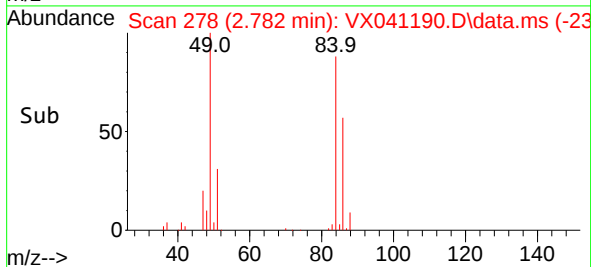
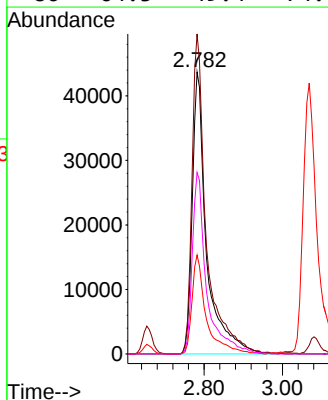
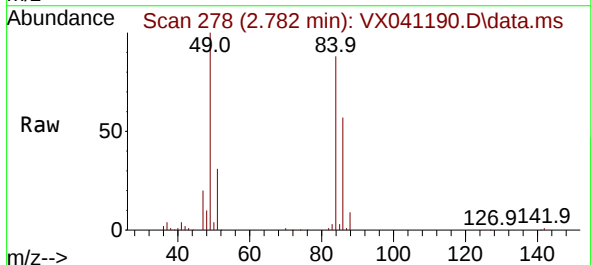
Manual Integrations
APPROVED

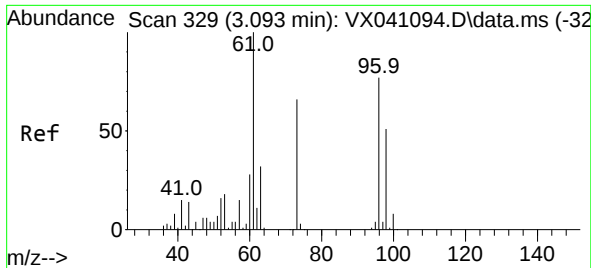
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 50.433 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

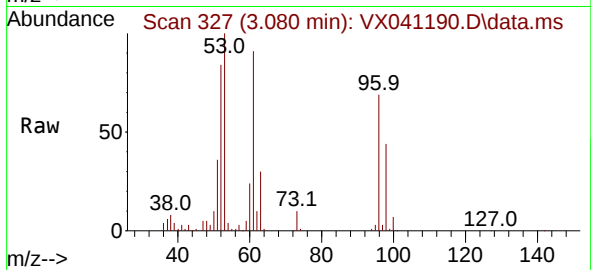
Tgt Ion: 84 Resp: 111237
Ion Ratio Lower Upper
84 100
49 113.5 103.6 155.4
51 35.1 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.607 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

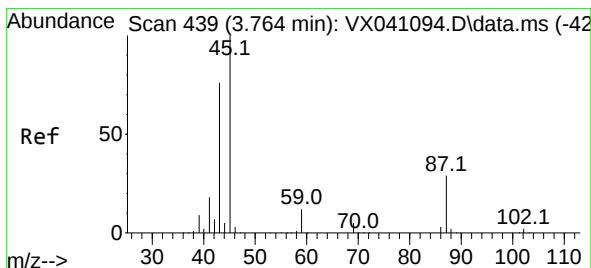
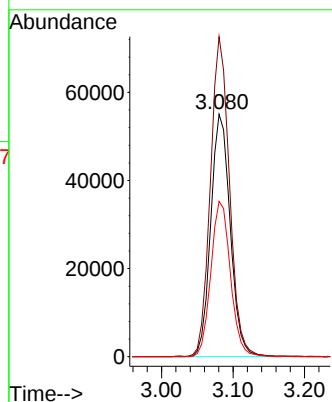
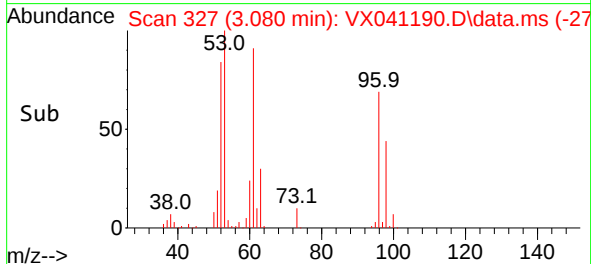
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 96 Resp: 104128
Ion Ratio Lower Upper
96 100
61 131.8 119.2 178.8
98 64.1 48.7 73.1

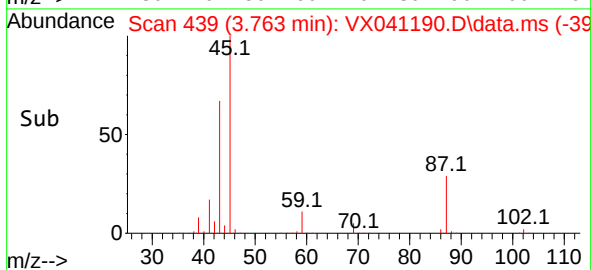
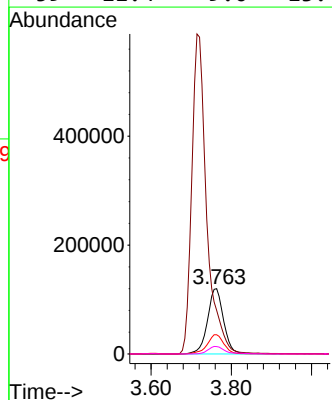
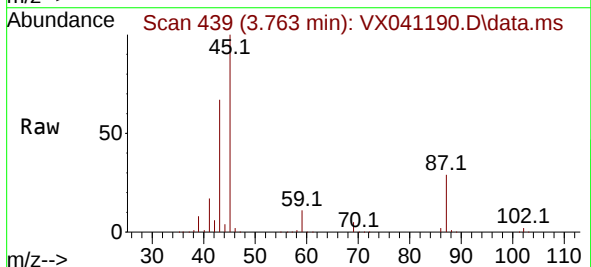
Manual Integrations
APPROVED

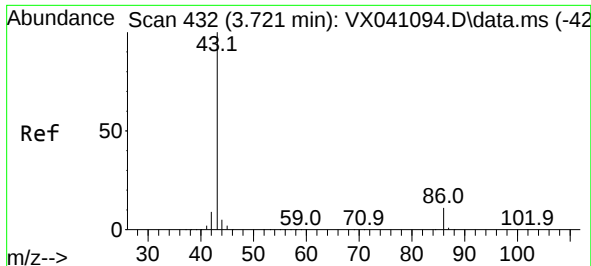
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#22
Diisopropyl ether
Concen: 50.249 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 45 Resp: 335241
Ion Ratio Lower Upper
45 100
43 66.1 69.7 104.5#
87 29.4 20.8 31.2
59 11.4 9.0 13.4





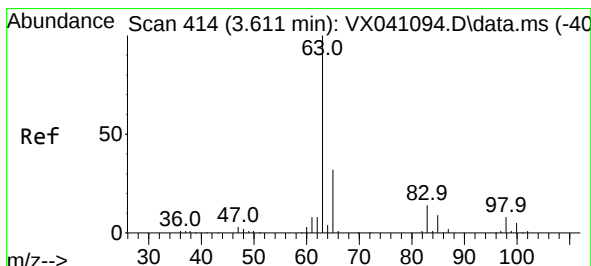
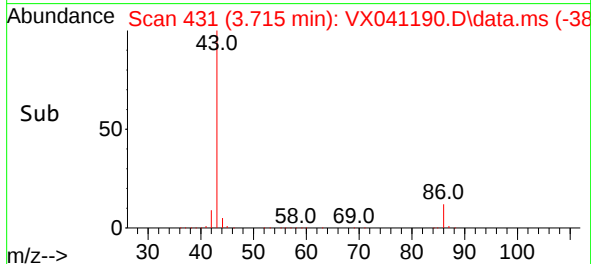
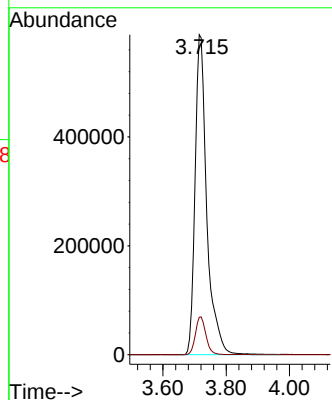
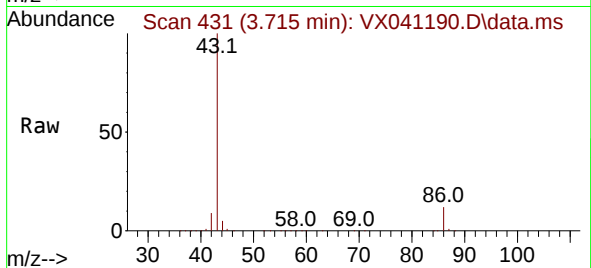
#23
 Vinyl Acetate
 Concen: 265.704 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX041190.D
 Acq: 22 Apr 2024 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042224

Tgt Ion: 43 Resp: 151649
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

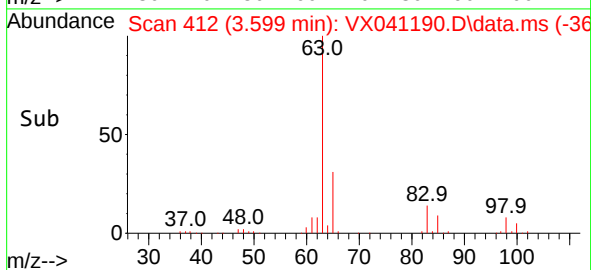
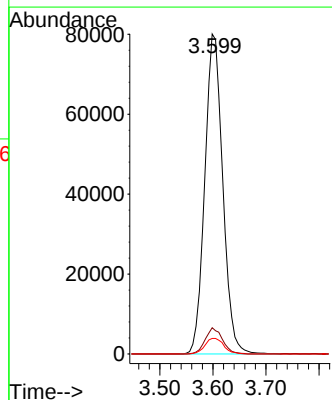
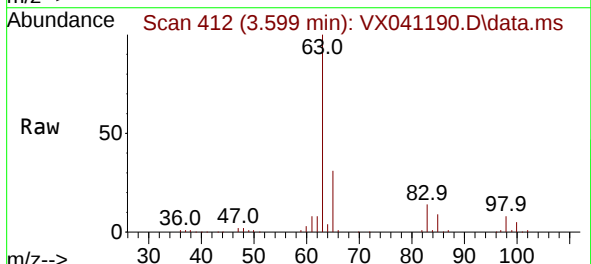
Manual Integrations
 APPROVED

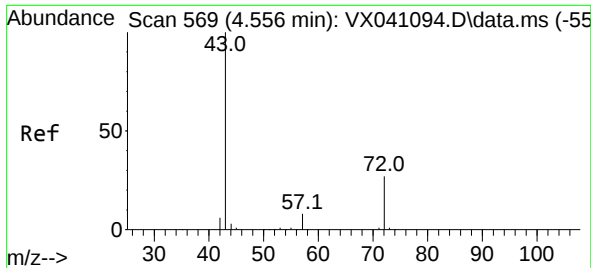
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#24
 1,1-Dichloroethane
 Concen: 50.554 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX041190.D
 Acq: 22 Apr 2024 15:18

Tgt Ion: 63 Resp: 188533
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 4.9 2.1 6.5





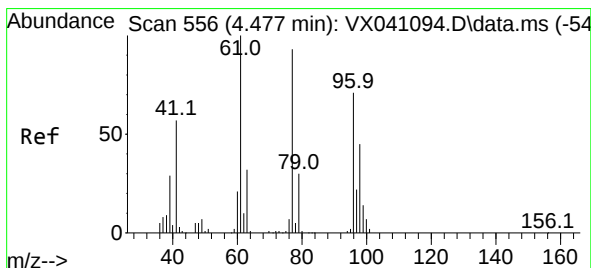
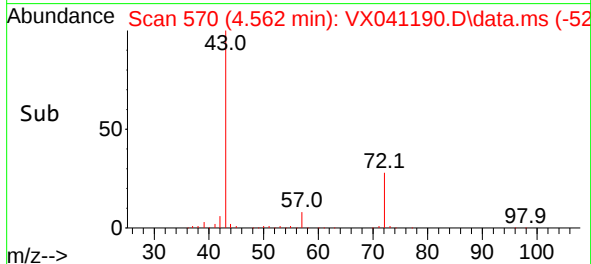
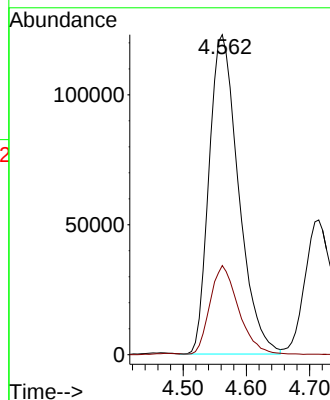
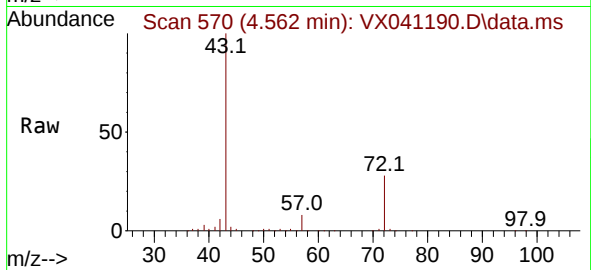
#25
2-Butanone
Concen: 257.860 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVX042224

Tgt Ion: 43 Resp: 397702
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.2

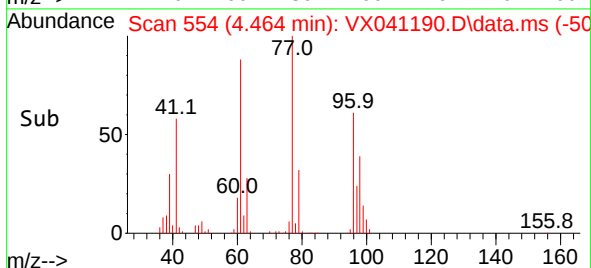
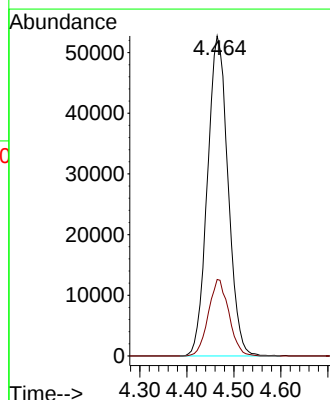
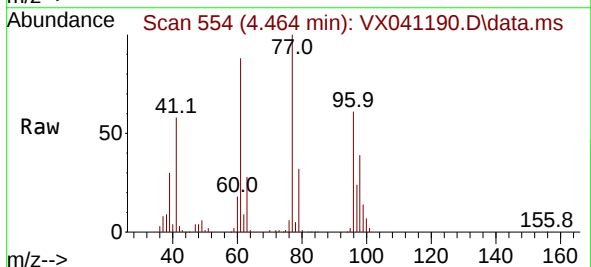
Manual Integrations
APPROVED

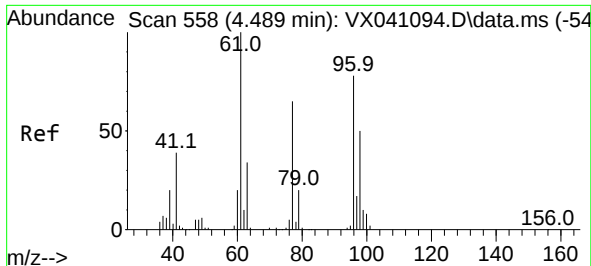
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#26
2,2-Dichloropropane
Concen: 50.887 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 77 Resp: 160391
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.570 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041190.D

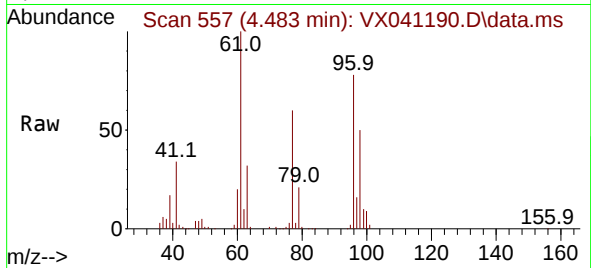
Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224



Tgt Ion: 96 Resp: 128969

Ion Ratio Lower Upper

96 100

61 135.3 0.0 312.2

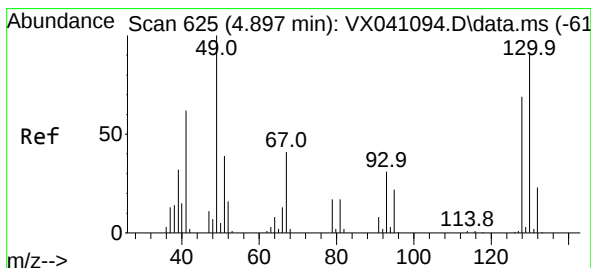
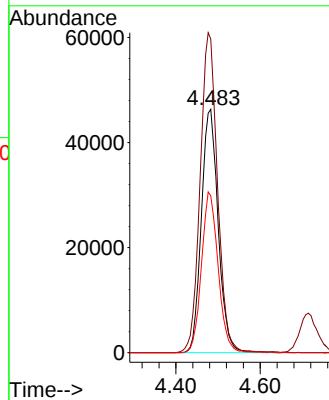
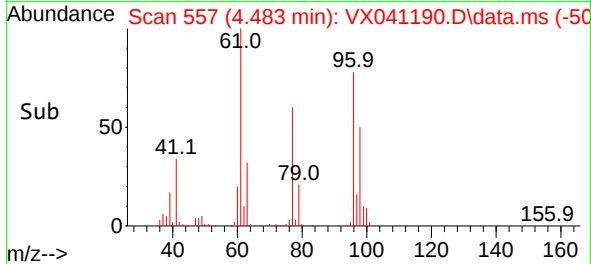
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 45.029 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

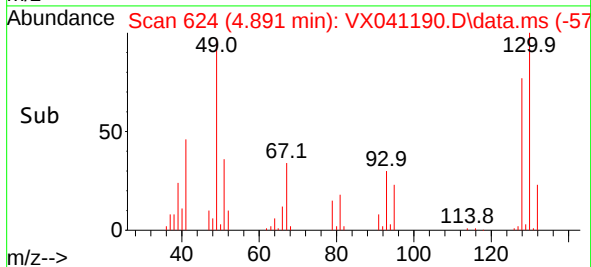
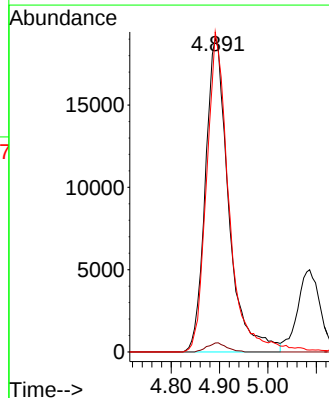
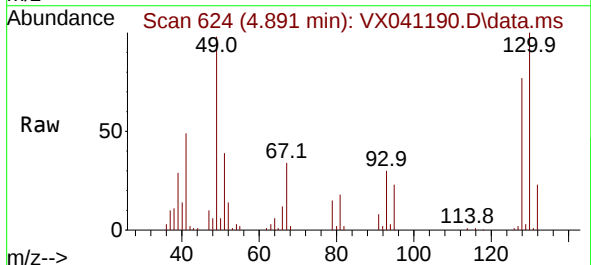
Tgt Ion: 49 Resp: 63727

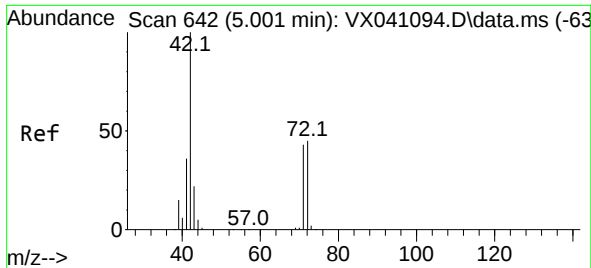
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

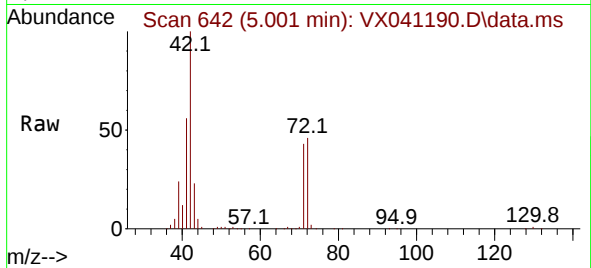
130 97.7 57.5 86.3#





#29
Tetrahydrofuran
Concen: 254.932 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.013 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

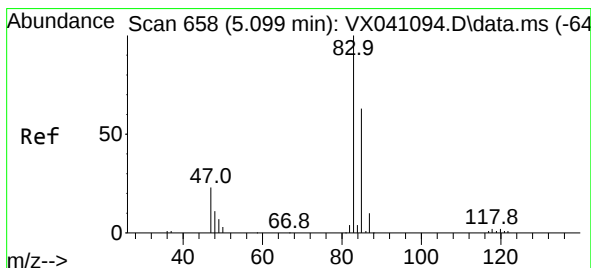
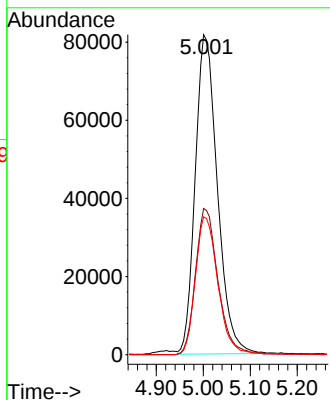
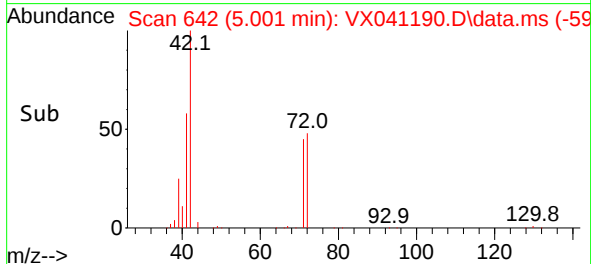
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 42 Resp: 26786
Ion Ratio Lower Upper
42 100
72 46.8 34.2 51.4
71 43.7 32.2 48.2

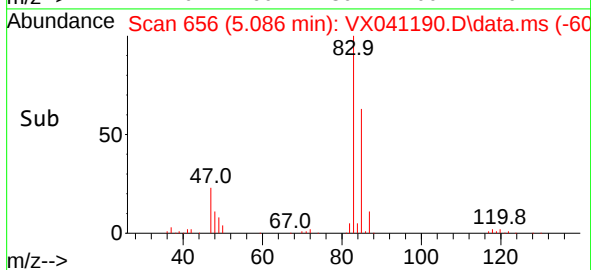
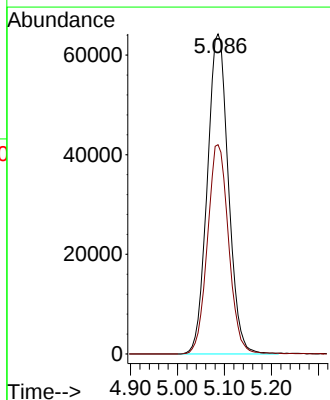
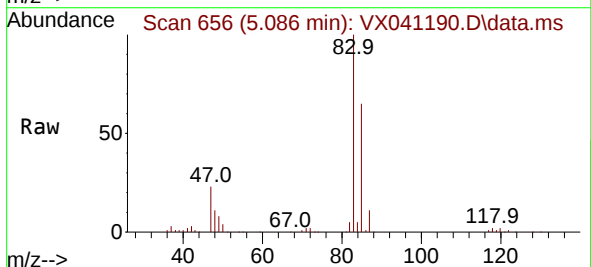
Manual Integrations
APPROVED

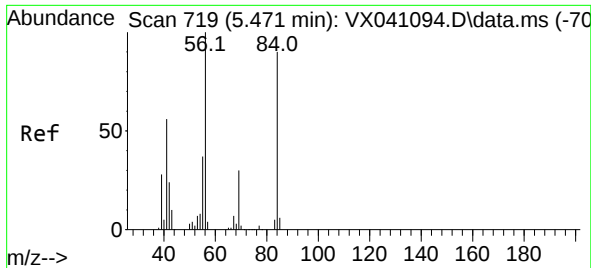
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#30
Chloroform
Concen: 49.989 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

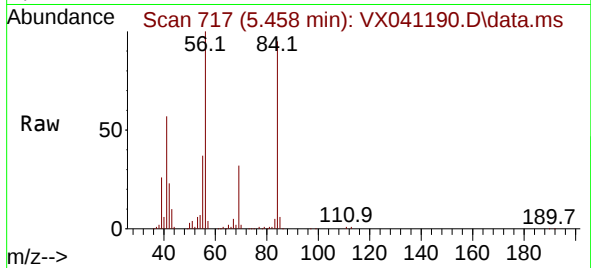
Tgt Ion: 83 Resp: 200098
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5





#31
Cyclohexane
Concen: 49.026 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

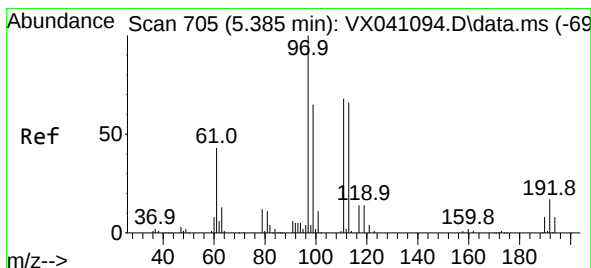
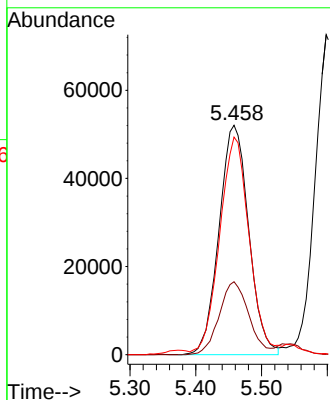
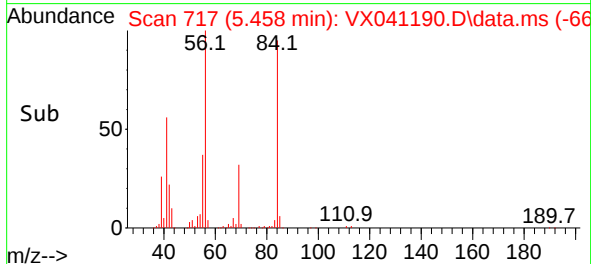
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 56 Resp: 163708
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 92.9 65.9 98.9

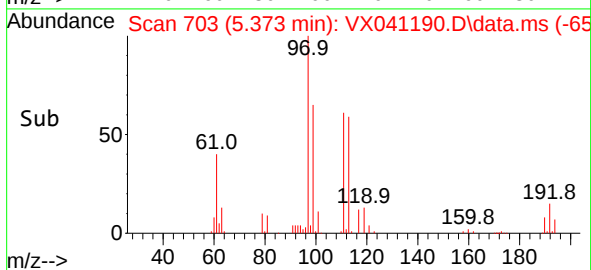
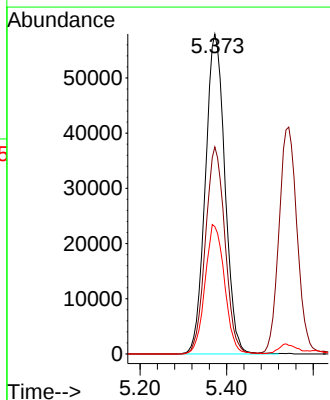
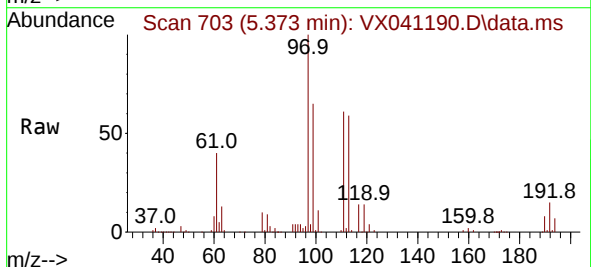
Manual Integrations
APPROVED

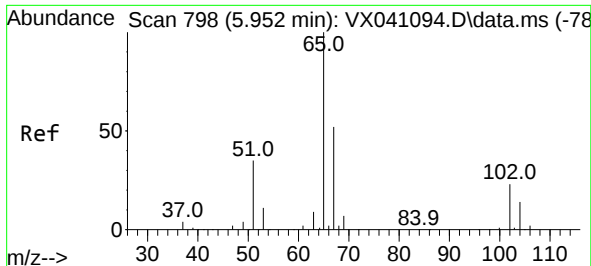
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 50.712 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 97 Resp: 181973
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 40.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.302 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion: 65 Resp: 12232

Ion Ratio Lower Upper

65 100

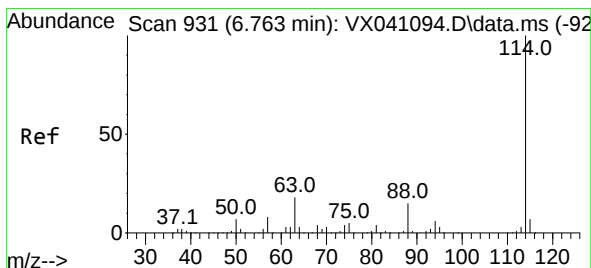
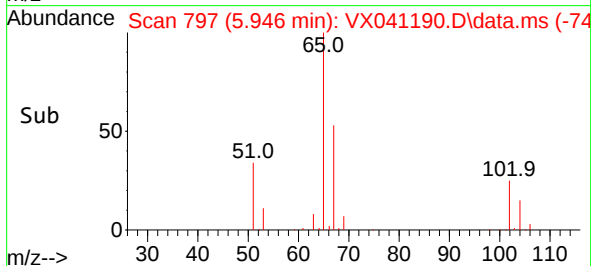
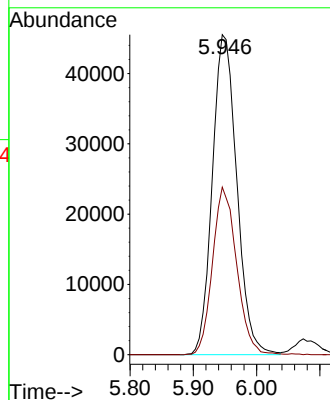
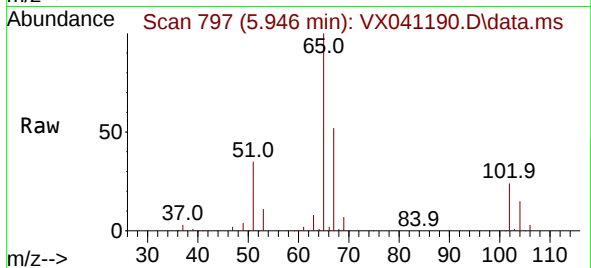
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

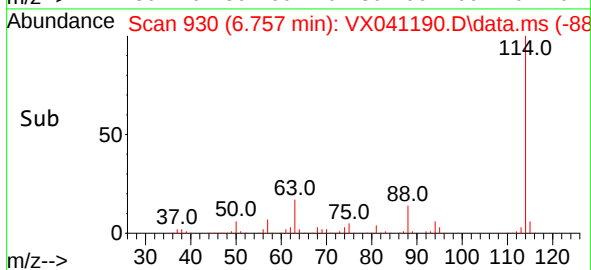
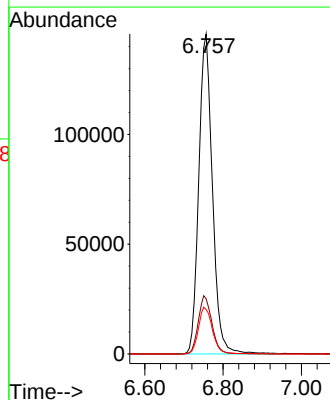
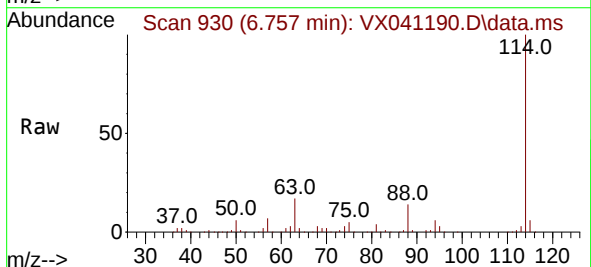
Tgt Ion:114 Resp: 353791

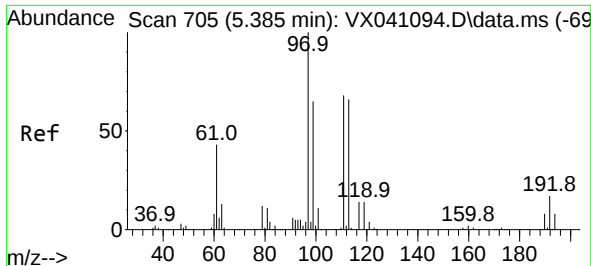
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

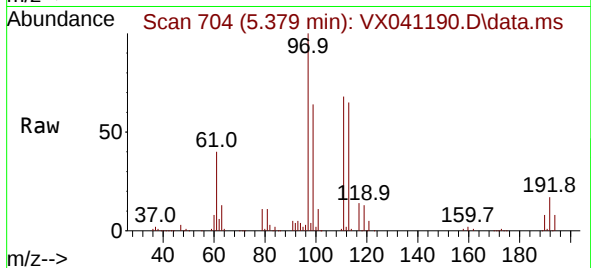
88 13.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.490 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

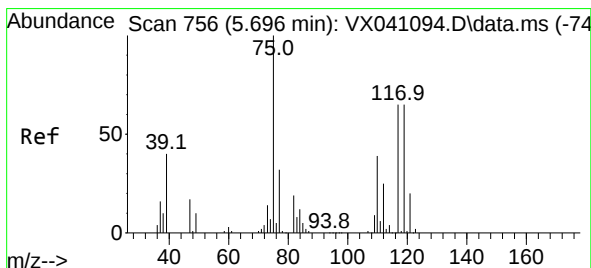
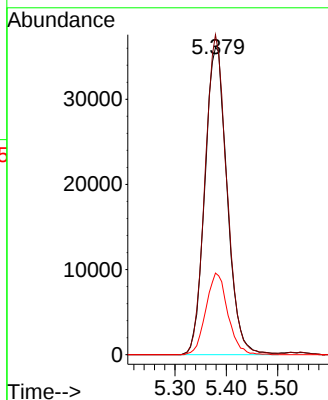
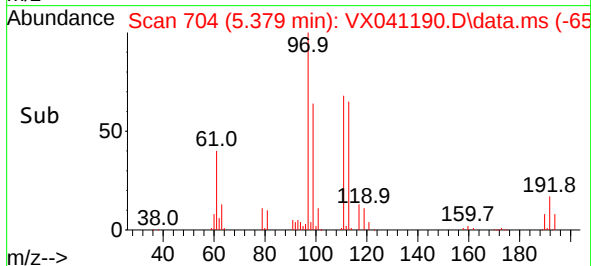
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 113 Resp: 108659
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 26.1 13.3 19.9

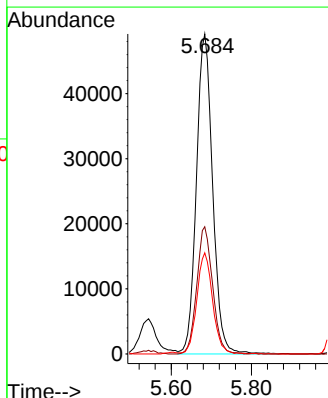
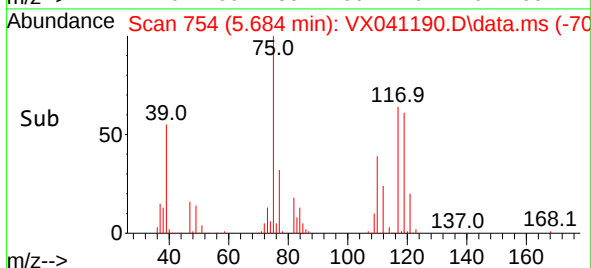
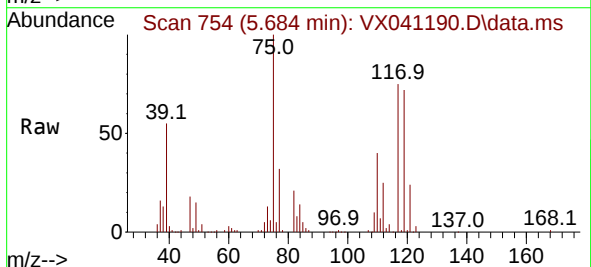
Manual Integrations
APPROVED

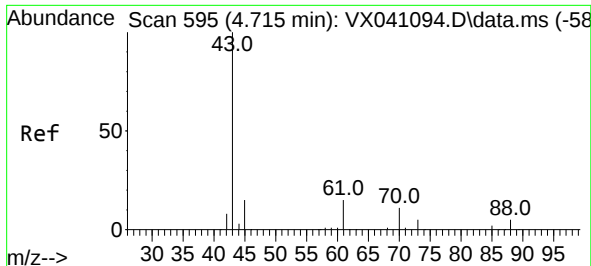
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#36
1,1-Dichloropropene
Concen: 50.132 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 75 Resp: 138043
Ion Ratio Lower Upper
75 100
110 38.8 17.0 50.9
77 30.7 24.7 37.1





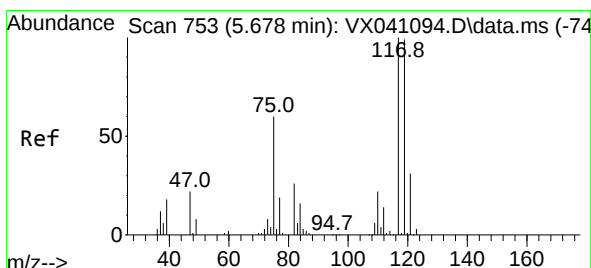
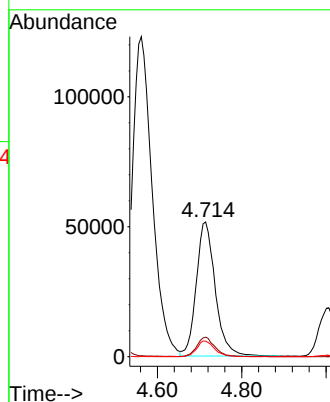
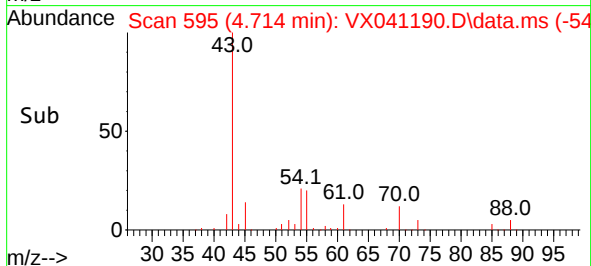
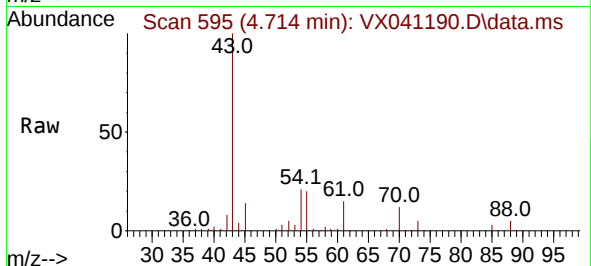
#37
Ethyl Acetate
Concen: 53.632 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224

Tgt Ion: 43 Resp: 16202
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 11.0 8.3 12.5

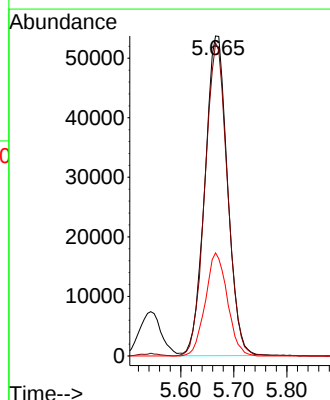
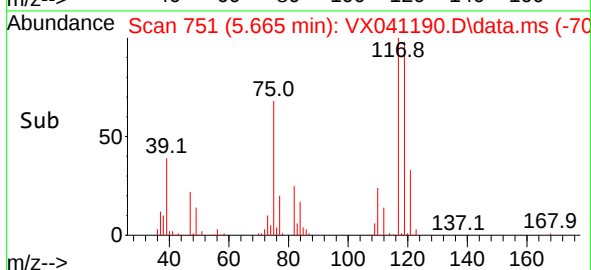
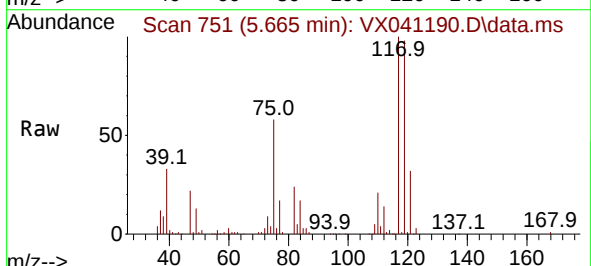
Manual Integrations
APPROVED

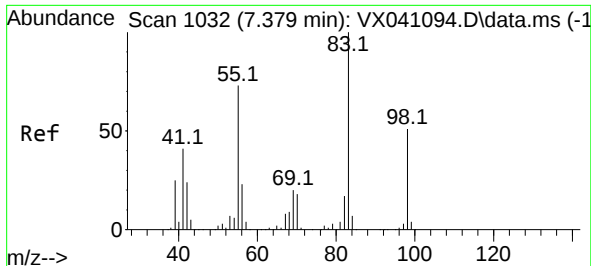
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#38
Carbon Tetrachloride
Concen: 51.827 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

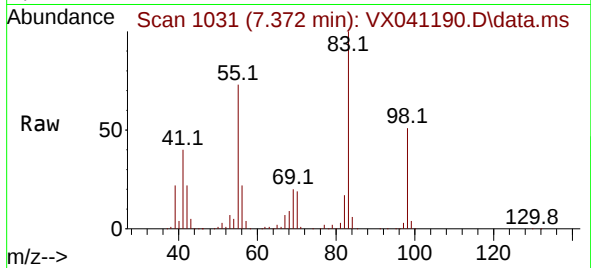
Tgt Ion:117 Resp: 159397
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.2
121 32.2 24.4 36.6





#39
Methylcyclohexane
Concen: 50.824 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

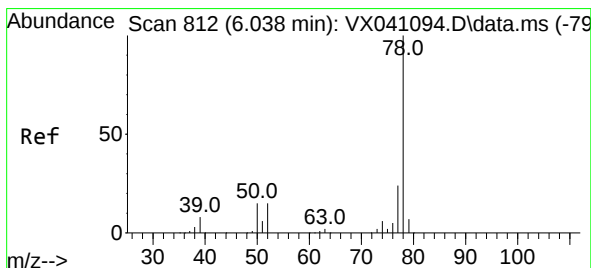
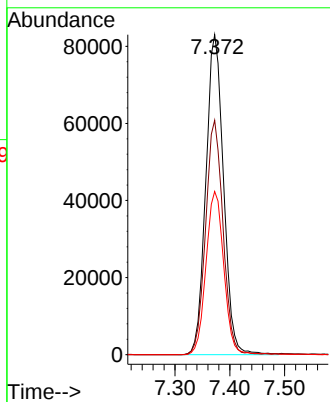
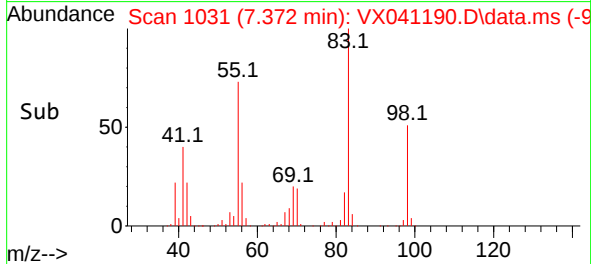
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 83 Resp: 185628
Ion Ratio Lower Upper
83 100
55 73.2 64.6 97.0
98 51.0 36.7 55.1

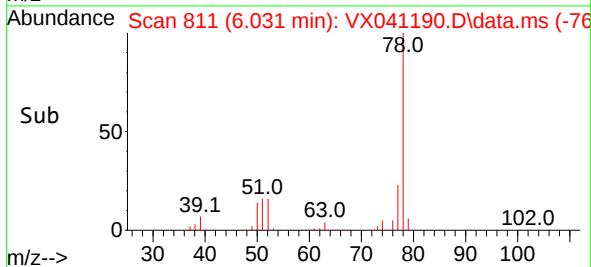
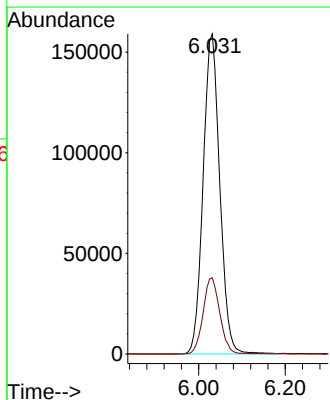
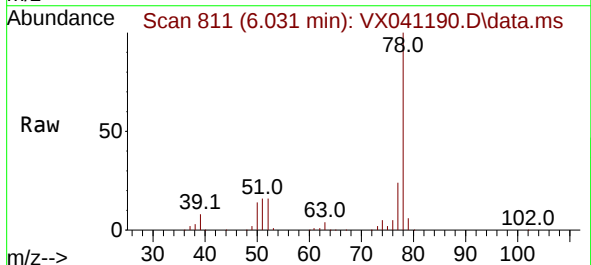
Manual Integrations
APPROVED

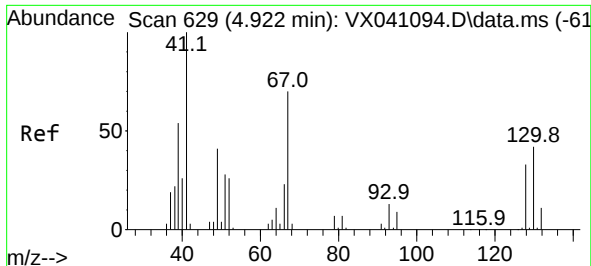
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#40
Benzene
Concen: 49.920 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 78 Resp: 424532
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





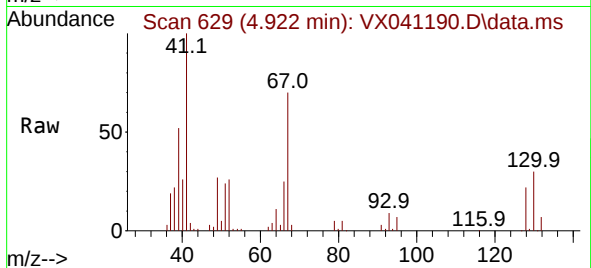
#41
Methacrylonitrile
Concen: 54.637 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224



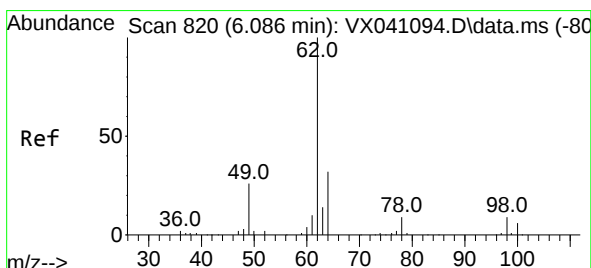
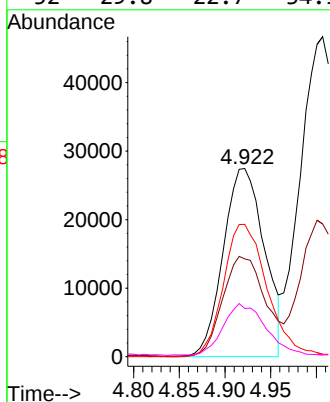
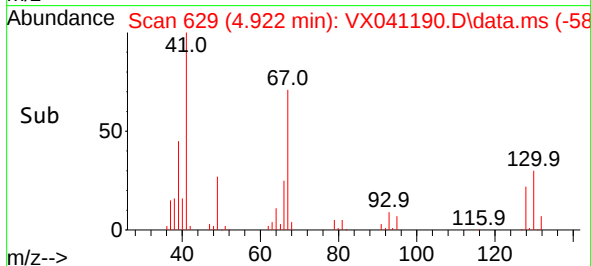
Tgt Ion:	41	Resp:	85934
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	75.4	52.6	78.8
52	29.8	22.7	34.1

Manual Integrations

APPROVED

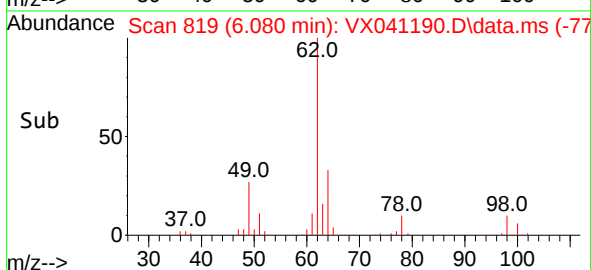
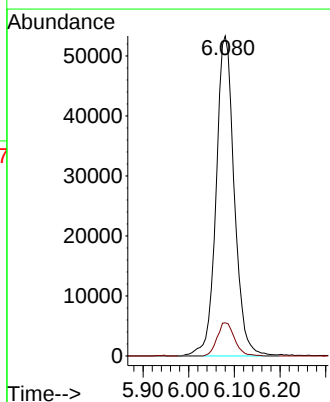
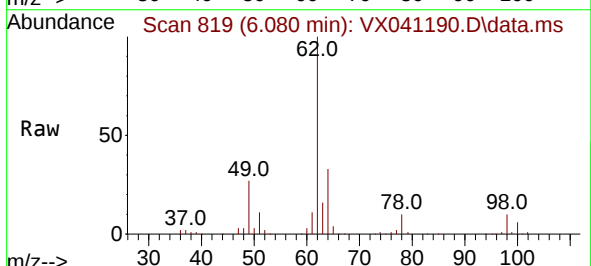
Reviewed By :John Carlone 04/23/2024

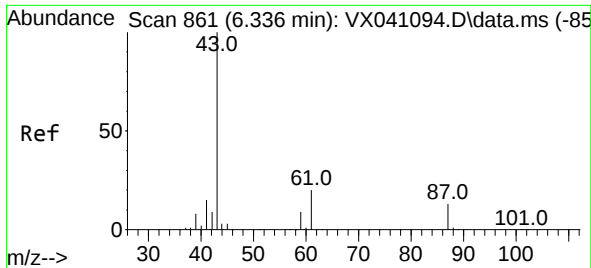
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 49.985 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion:	62	Resp:	147389
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	16.0





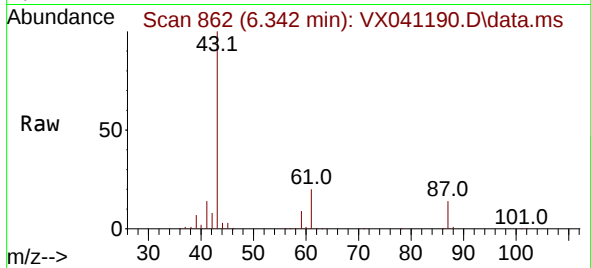
#43
Isopropyl Acetate
Concen: 51.259 ug/l
RT: 6.342 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224



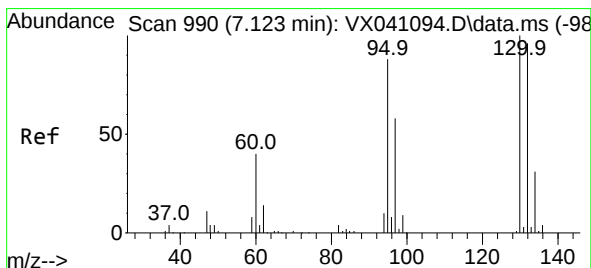
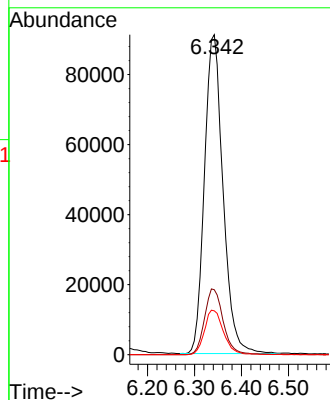
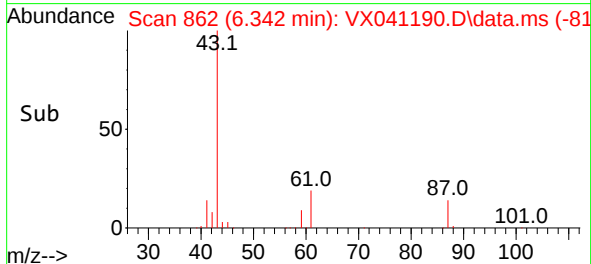
Tgt Ion: 43 Resp: 24945
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 14.3 9.8 14.6

Manual Integrations

APPROVED

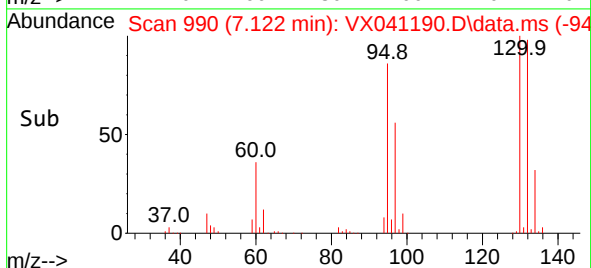
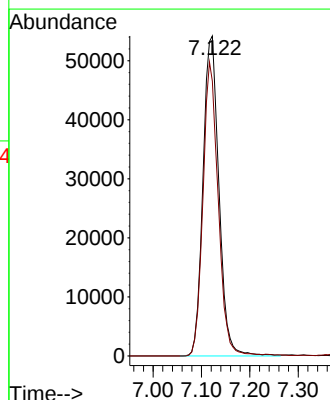
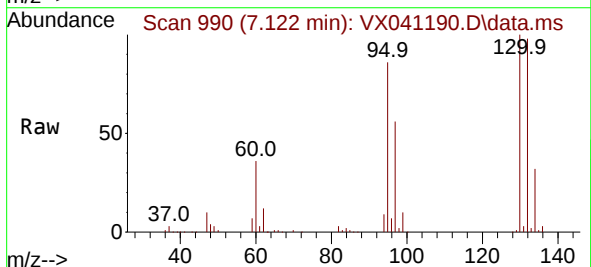
Reviewed By :John Carlone 04/23/2024

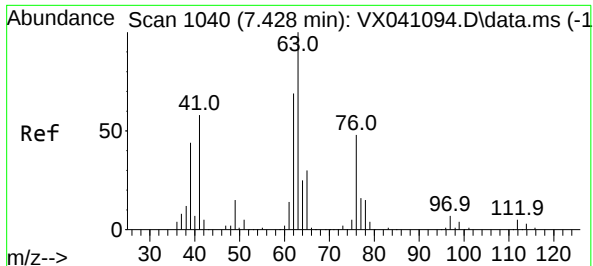
Supervised By :Mahesh Dadoda 04/23/2024



#44
Trichloroethene
Concen: 50.167 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion:130 Resp: 124037
Ion Ratio Lower Upper
130 100
95 85.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.848 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224

Tgt Ion: 63 Resp: 10164

Ion Ratio Lower Upper

63 100

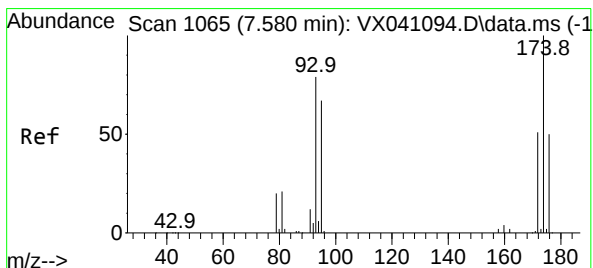
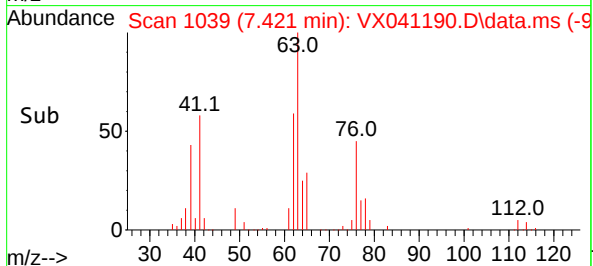
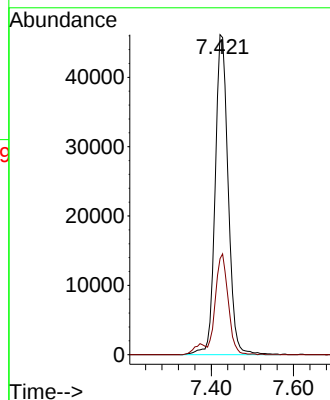
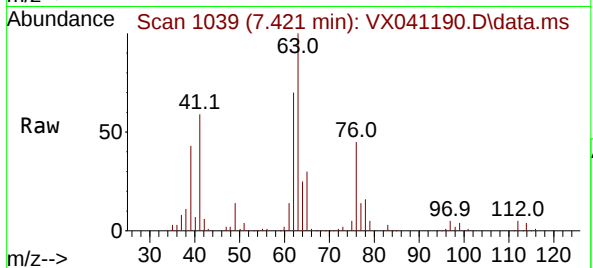
65 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 51.519 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

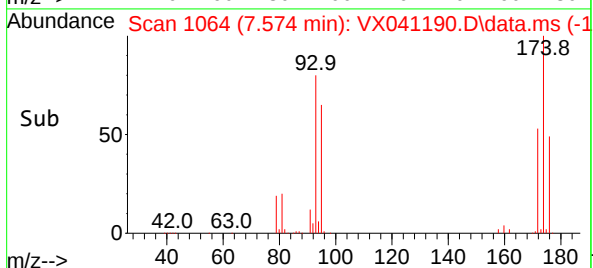
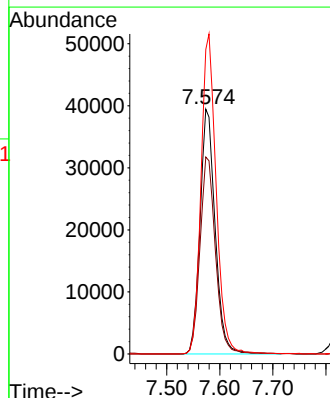
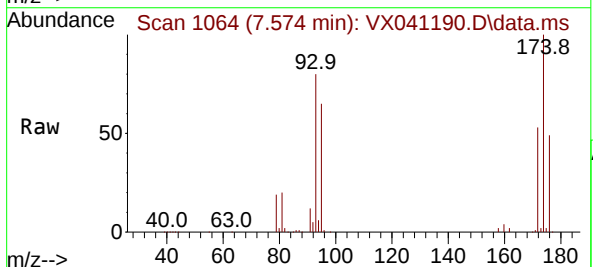
Tgt Ion: 93 Resp: 78332

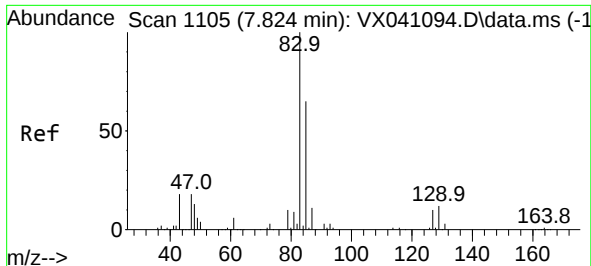
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

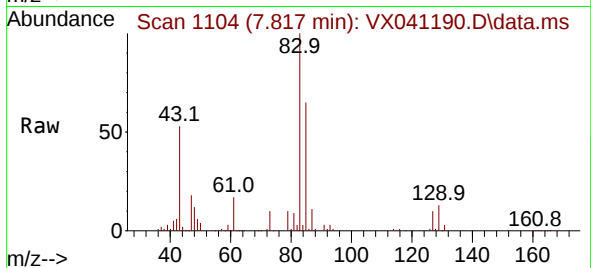
174 130.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 53.196 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

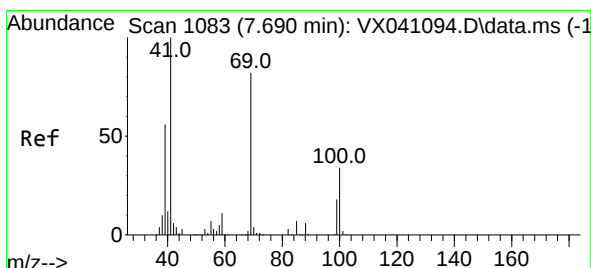
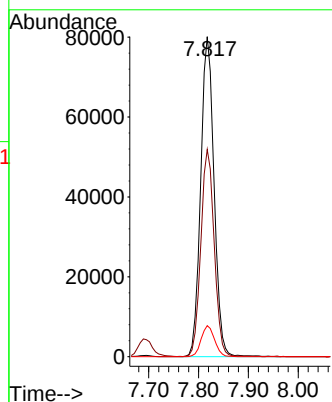
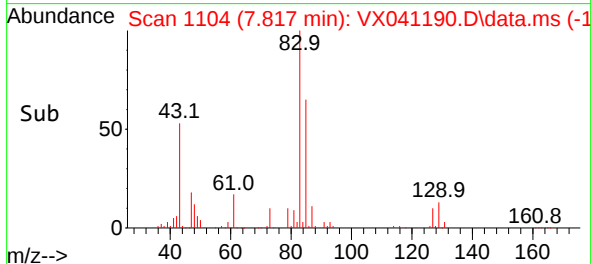
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 83 Resp: 149086
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 9.7 7.1 10.7

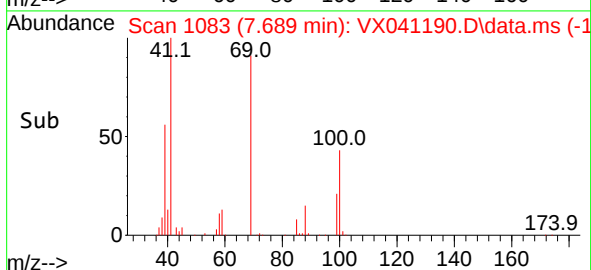
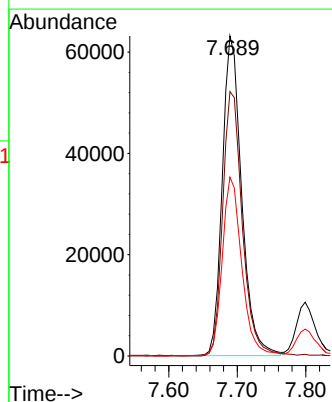
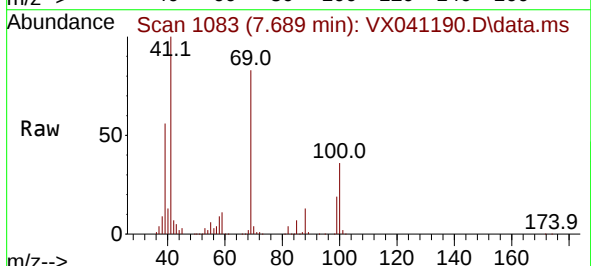
Manual Integrations
APPROVED

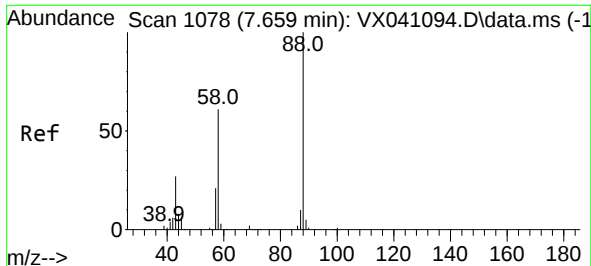
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 53.764 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 41 Resp: 123759
Ion Ratio Lower Upper
41 100
69 84.0 59.2 88.8
39 56.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1081.724 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

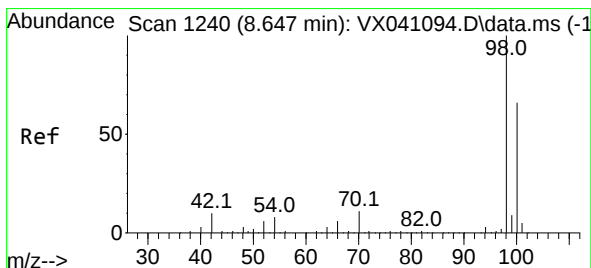
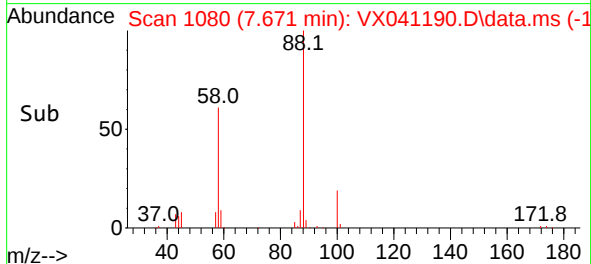
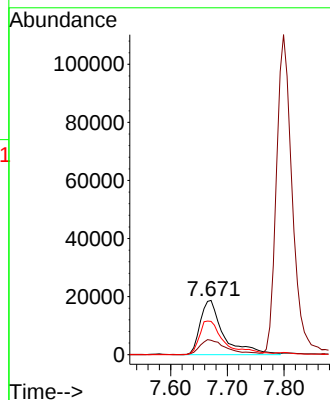
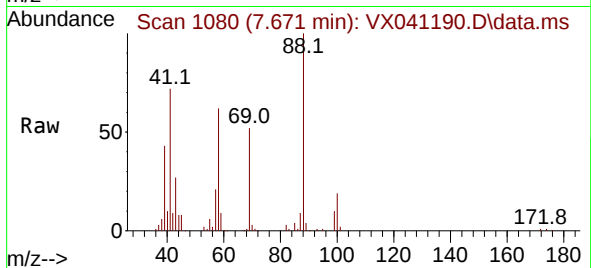
Tgt Ion: 88 Resp: 53594
 Ion Ratio Lower Upper
 88 100
 43 30.6 0.0 0.0
 58 65.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#50

Toluene-d8

Concen: 51.871 ug/l

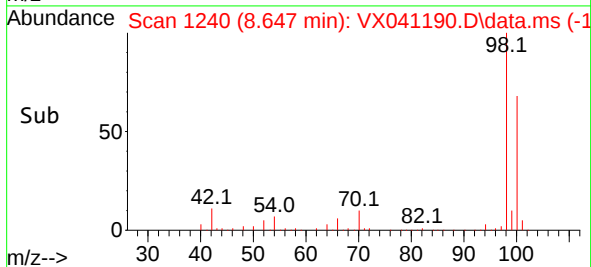
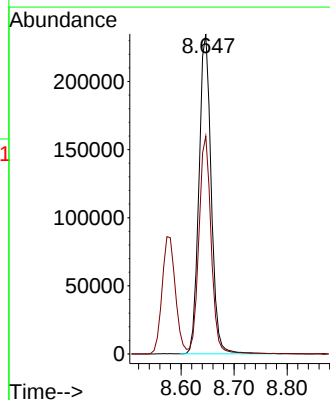
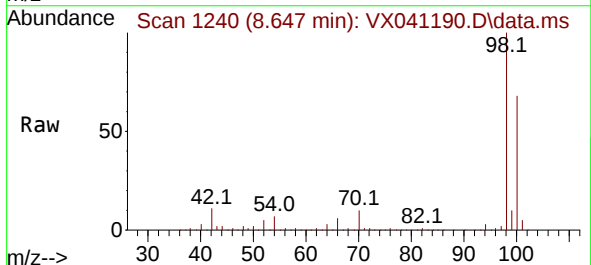
RT: 8.647 min Scan# 1240

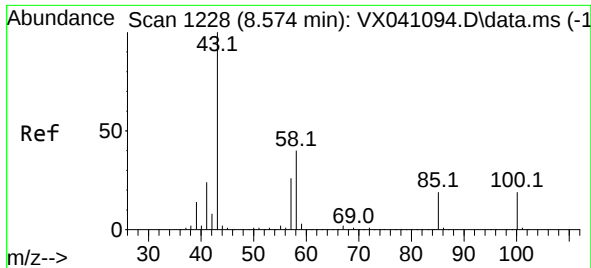
Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Tgt Ion: 98 Resp: 376623
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.1 79.7





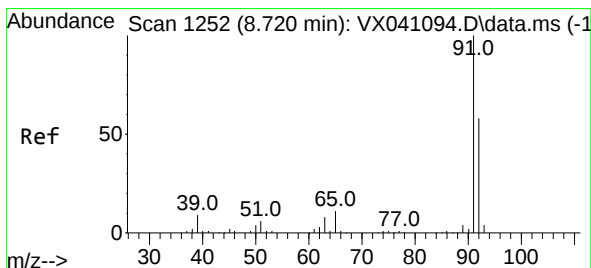
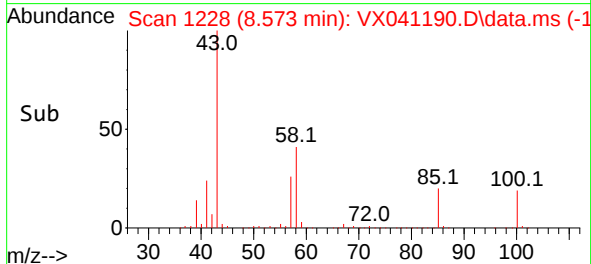
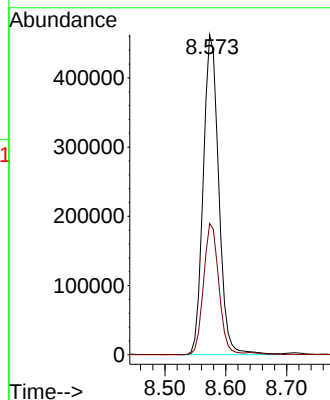
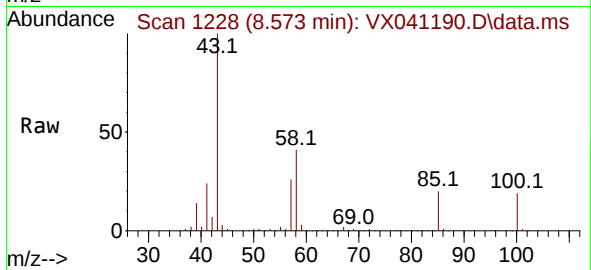
#51
4-Methyl-2-Pentanone
Concen: 268.664 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224

Tgt Ion: 43 Resp: 81840
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6

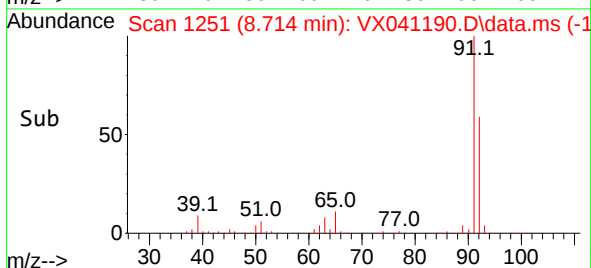
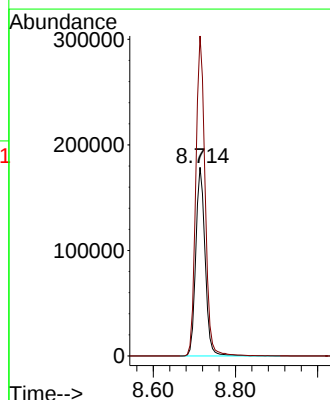
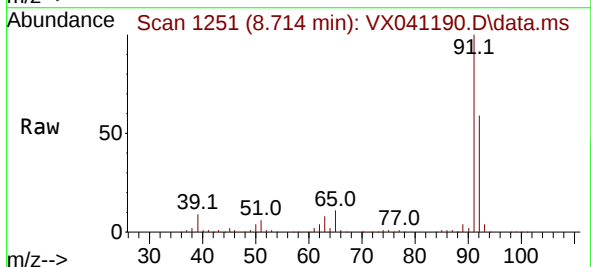
Manual Integrations
APPROVED

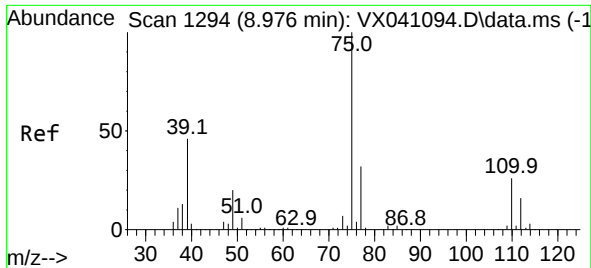
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 52.499 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 92 Resp: 281320
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 55.652 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion: 75 Resp: 152988

Ion Ratio Lower Upper

75 100

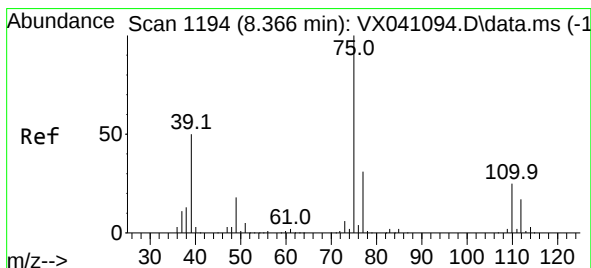
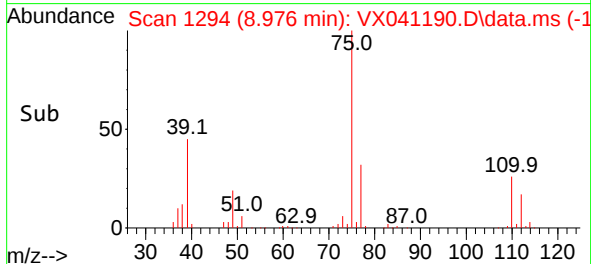
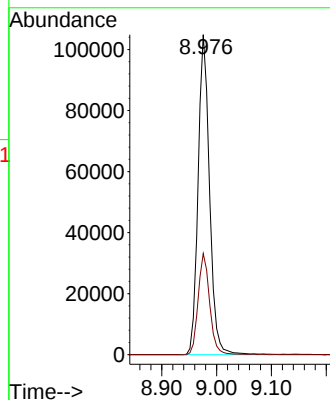
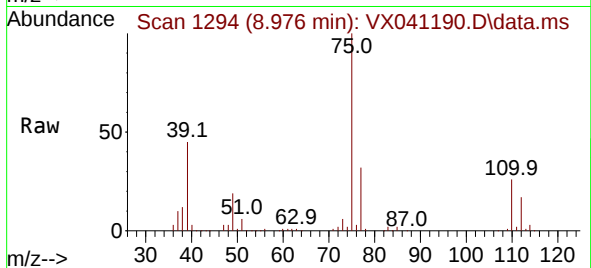
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#54

cis-1,3-Dichloropropene

Concen: 53.707 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

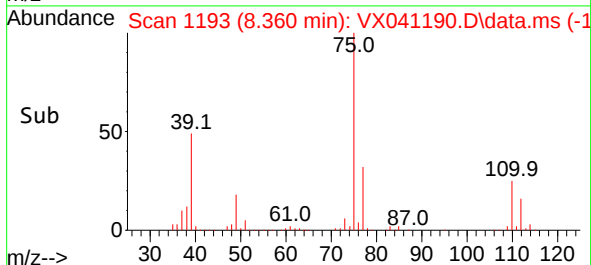
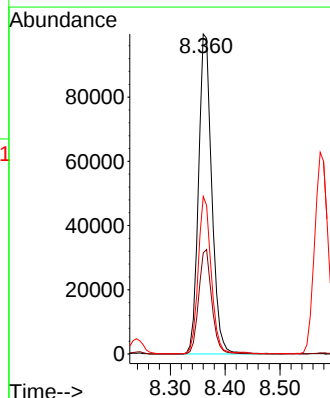
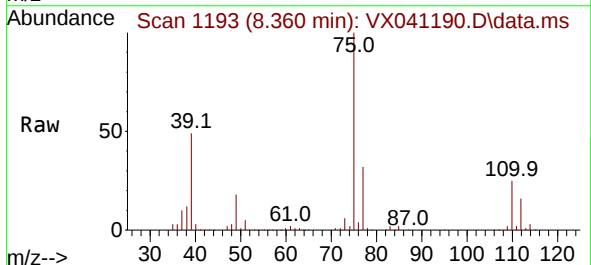
Tgt Ion: 75 Resp: 167841

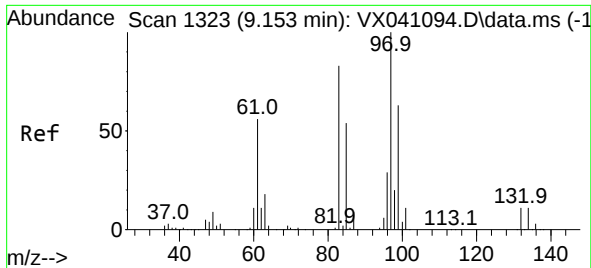
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

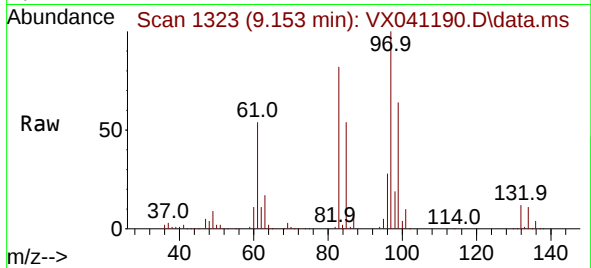
39 49.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.460 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

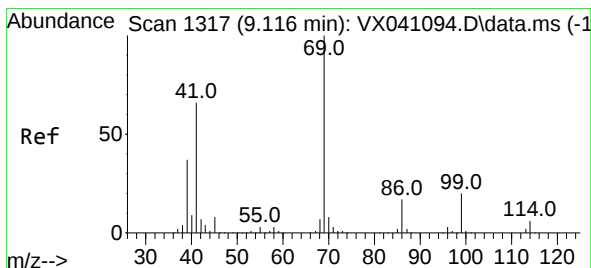
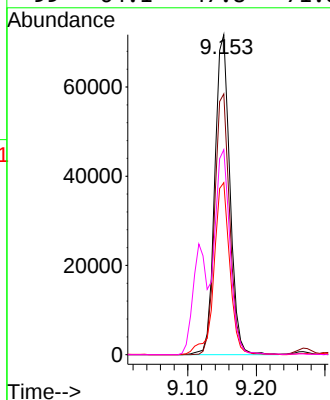
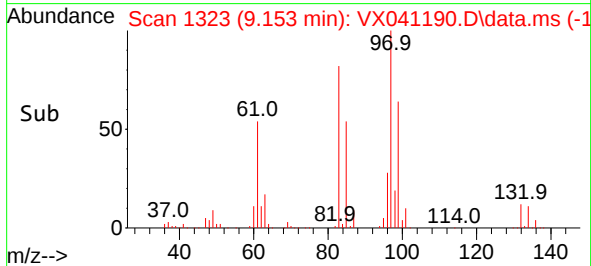
Instrument : MSVOA_X
ClientSampleId : ICVVX042224



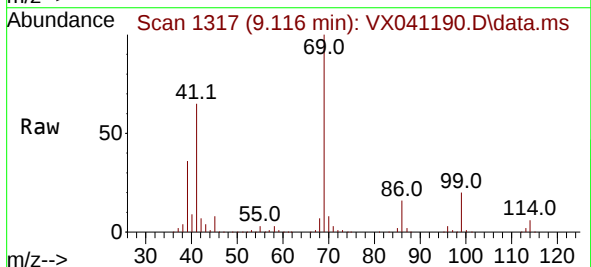
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.8	98.8
85	53.8	41.6	62.4
99	64.1	47.8	71.8

Manual Integrations
APPROVED

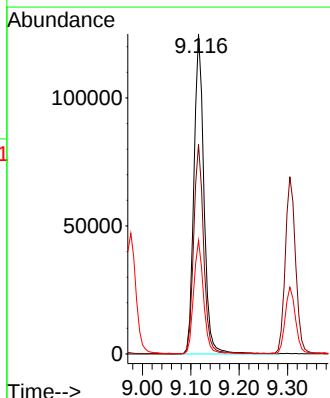
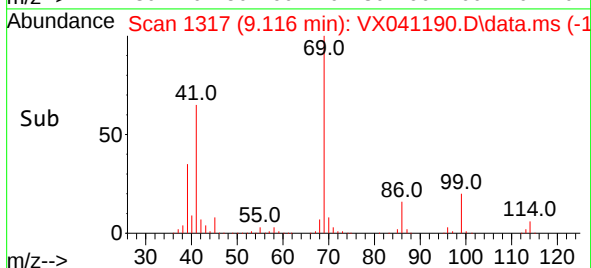
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

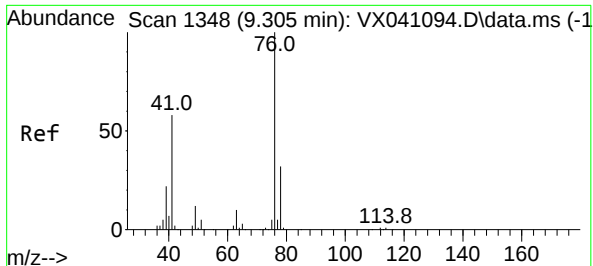


#56
Ethyl methacrylate
Concen: 55.984 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	56.8	85.2
39	34.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.649 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion: 76 Resp: 17877

Ion Ratio Lower Upper

76 100

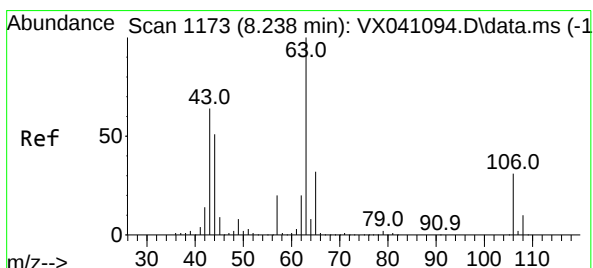
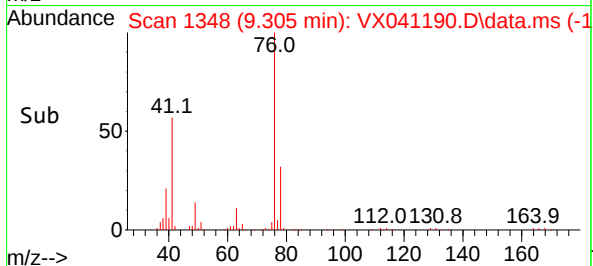
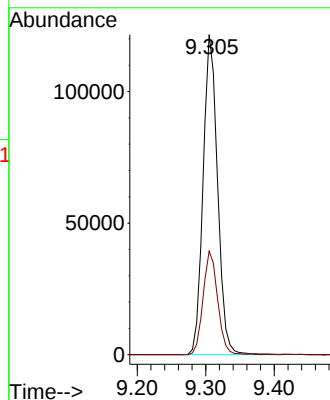
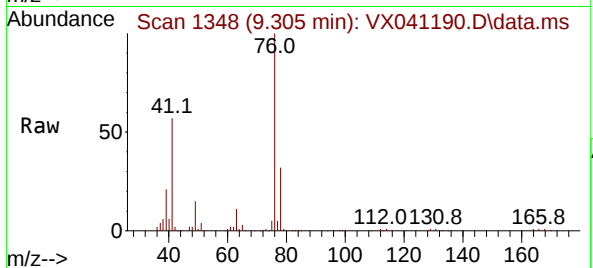
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 248.305 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041190.D

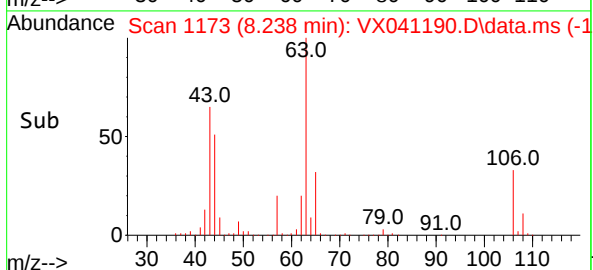
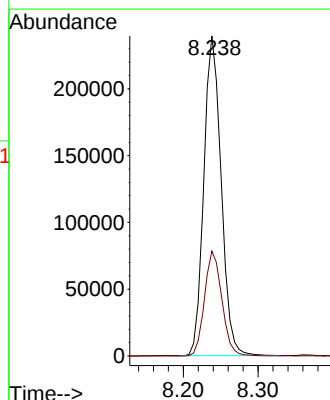
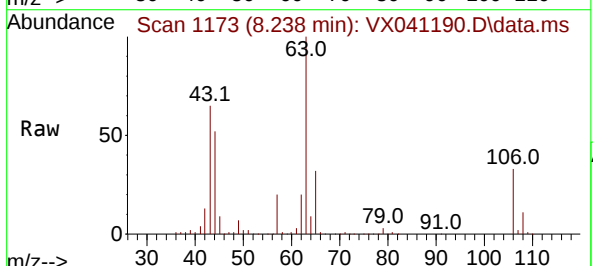
Acq: 22 Apr 2024 15:18

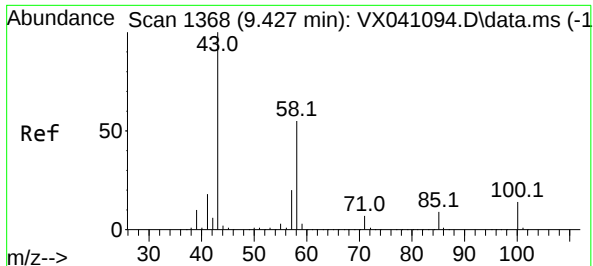
Tgt Ion: 63 Resp: 386305

Ion Ratio Lower Upper

63 100

106 32.8 22.5 33.7





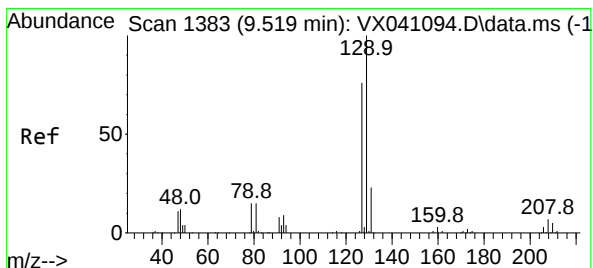
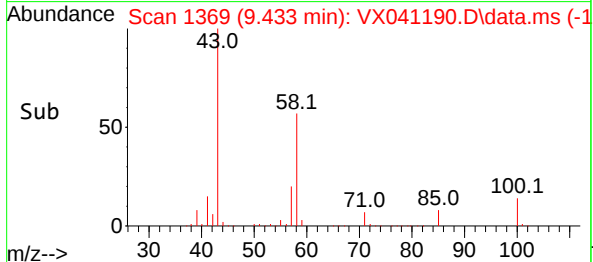
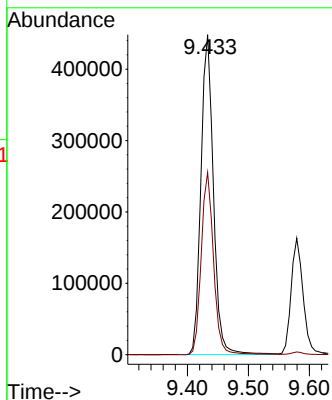
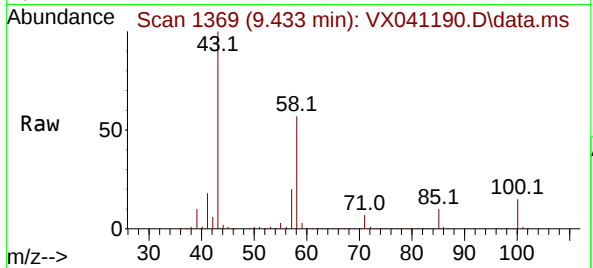
#59
2-Hexanone
Concen: 273.190 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224

Tgt Ion: 43 Resp: 63815
Ion Ratio Lower Upper
43 100
58 56.4 26.2 78.5

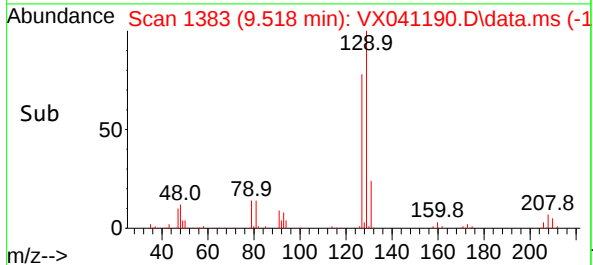
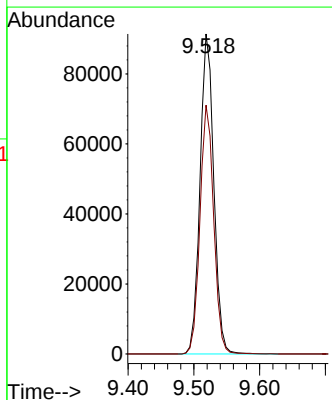
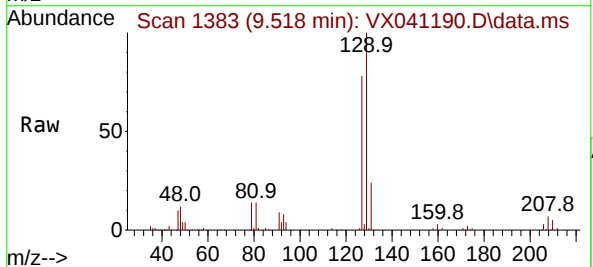
Manual Integrations
APPROVED

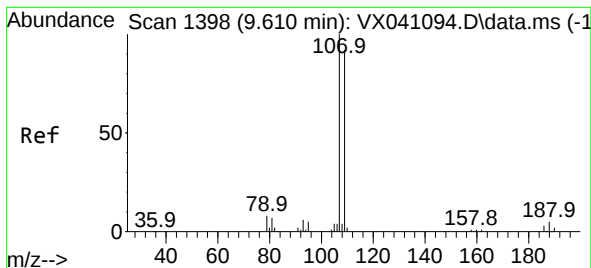
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#60
Dibromochloromethane
Concen: 55.115 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

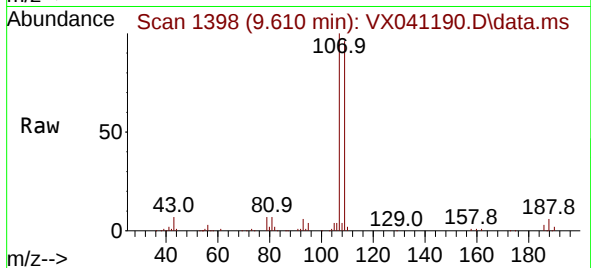
Tgt Ion:129 Resp: 133033
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.546 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

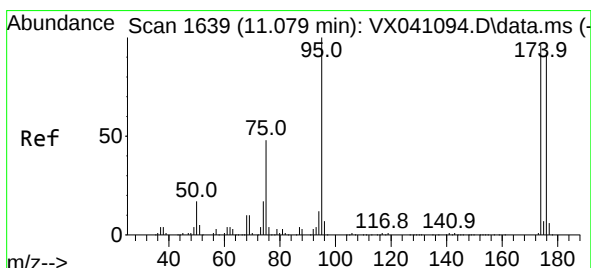
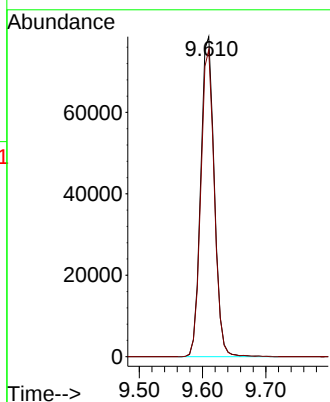
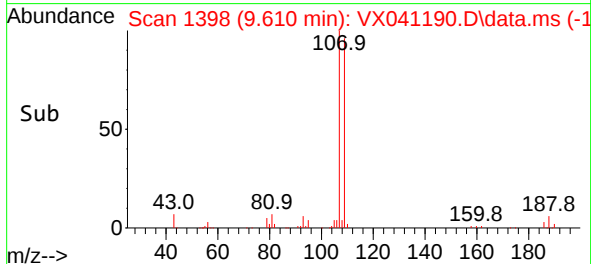
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



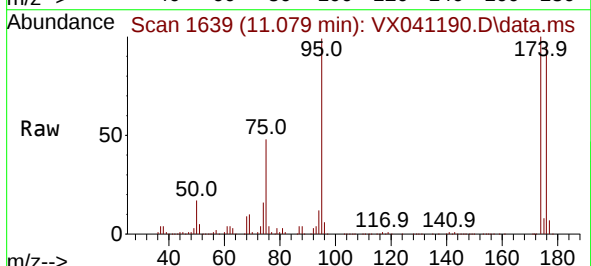
Tgt Ion:107 Resp: 117880
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

Manual Integrations
APPROVED

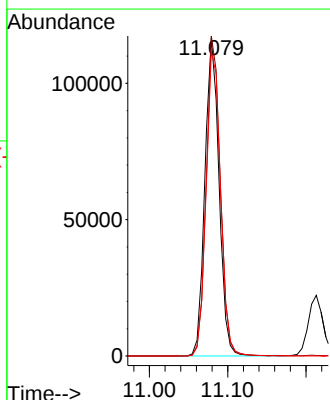
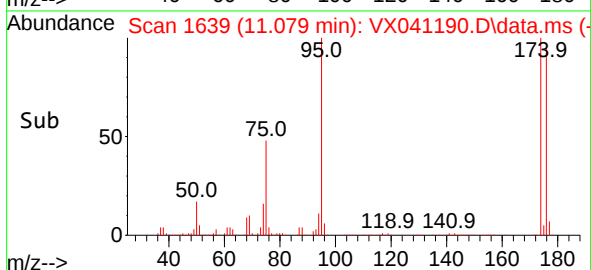
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

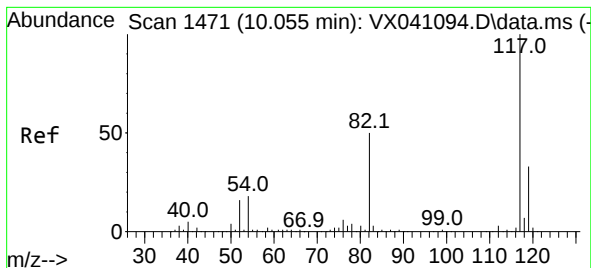


#62
4-Bromofluorobenzene
Concen: 54.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18



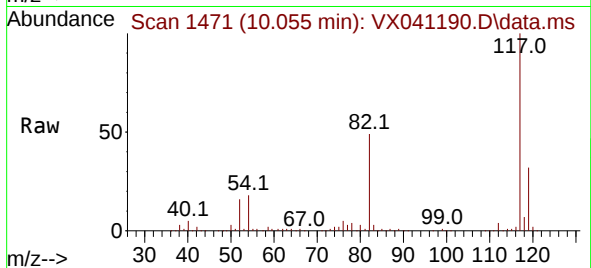
Tgt Ion: 95 Resp: 145664
Ion Ratio Lower Upper
95 100
174 100.6 0.0 135.6
176 97.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

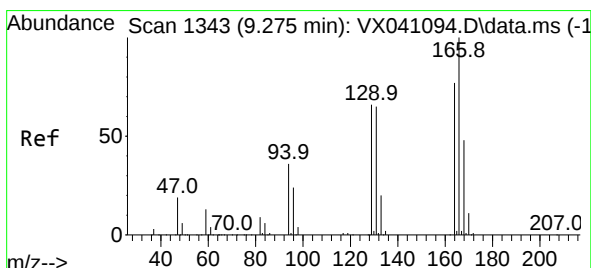
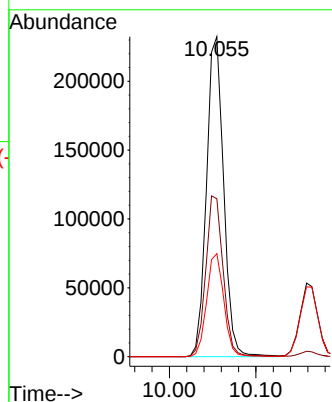
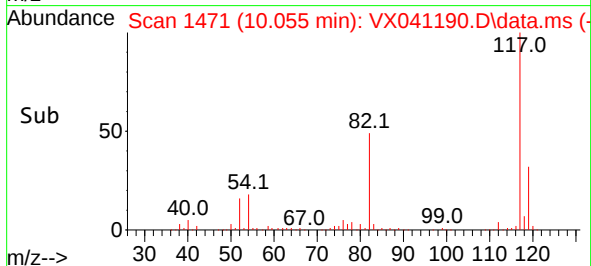
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion:117 Resp: 31959
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.2 25.5 38.3

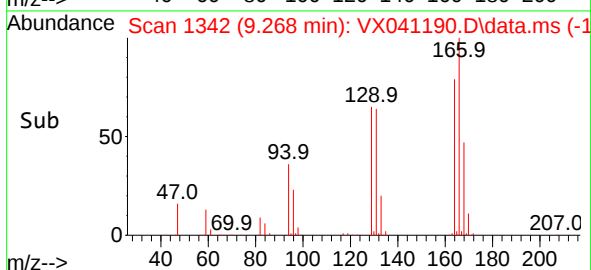
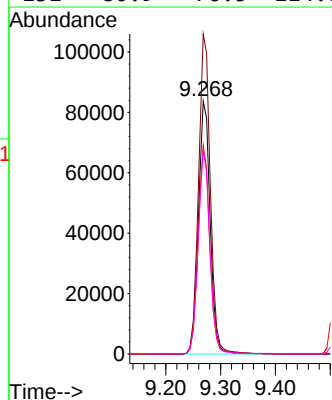
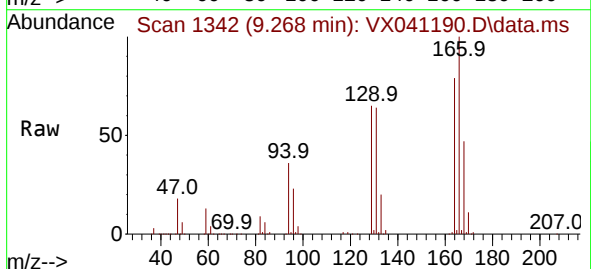
Manual Integrations
APPROVED

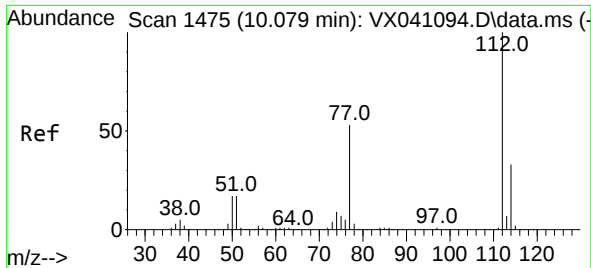
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#64
Tetrachloroethene
Concen: 50.856 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion:164 Resp: 124654
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 82.5 80.4 120.6
131 80.9 76.5 114.7





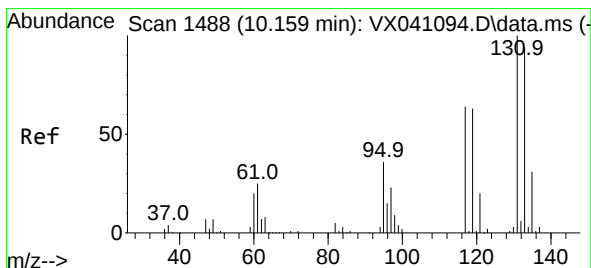
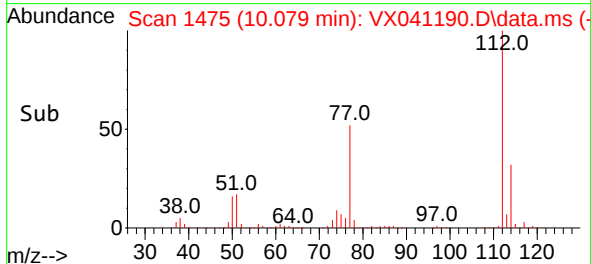
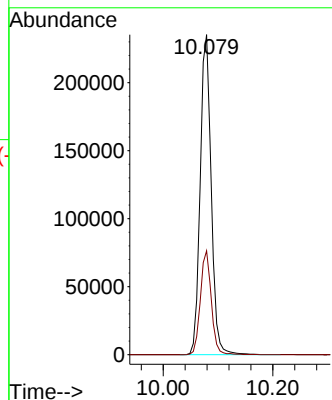
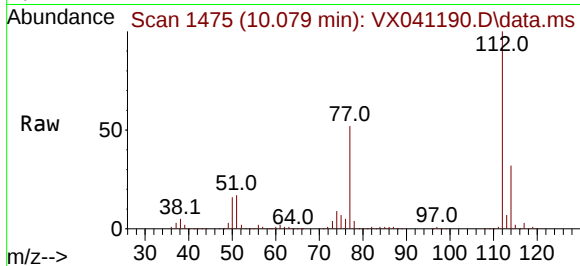
#65
Chlorobenzene
Concen: 49.937 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument : MSVOA_X
ClientSampleId : ICVVX042224

Tgt Ion:112 Resp: 328454
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

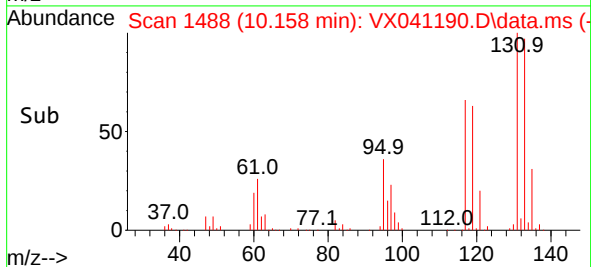
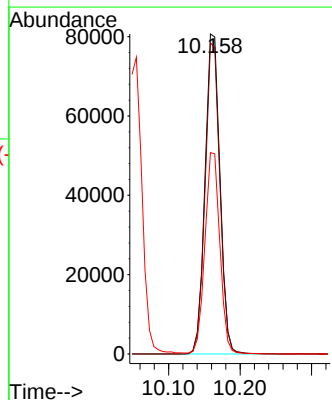
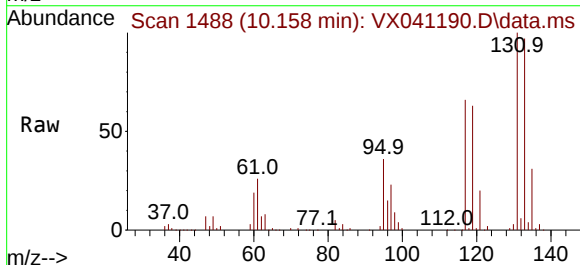
Manual Integrations
APPROVED

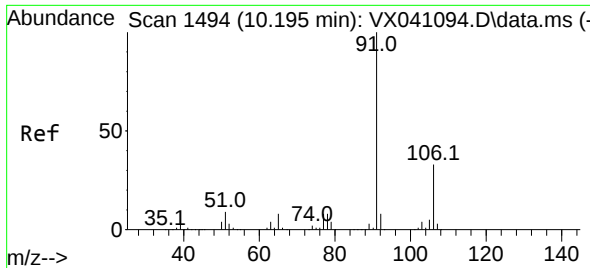
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.139 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

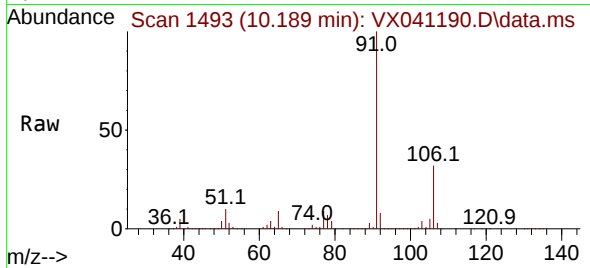
Tgt Ion:131 Resp: 117465
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 51.037 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

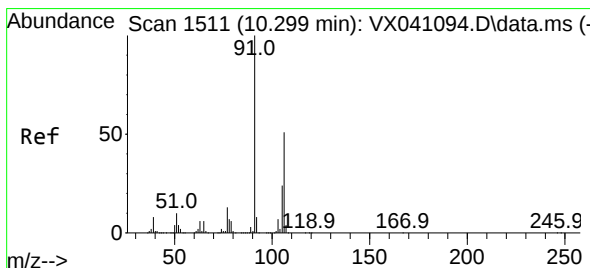
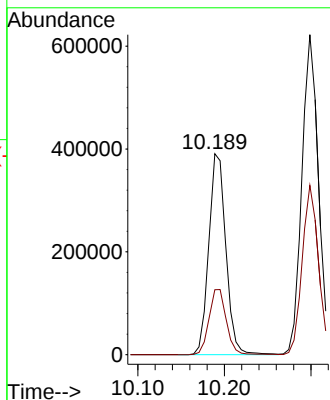
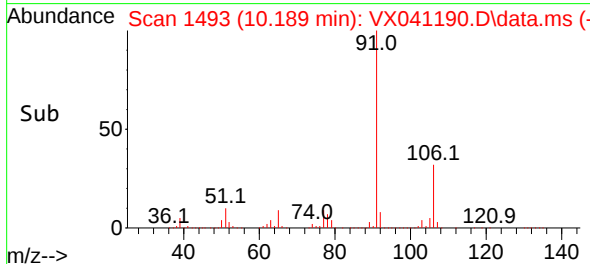
Instrument :
MSVOA_X
ClientSampleId :
ICVX042224



Tgt Ion: 91 Resp: 53572
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

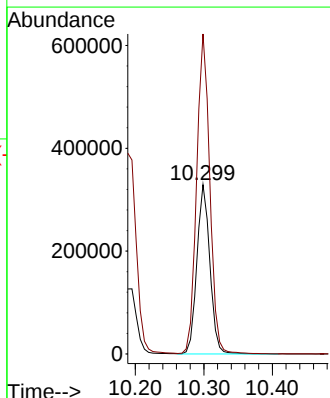
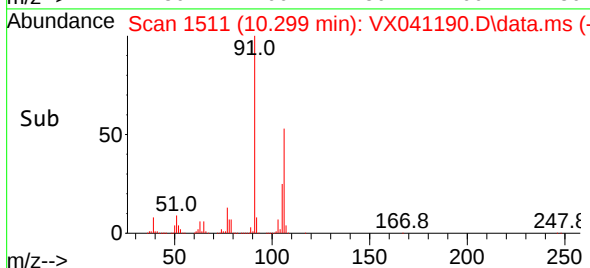
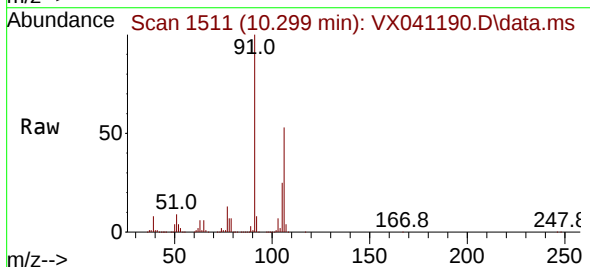
Manual Integrations
APPROVED

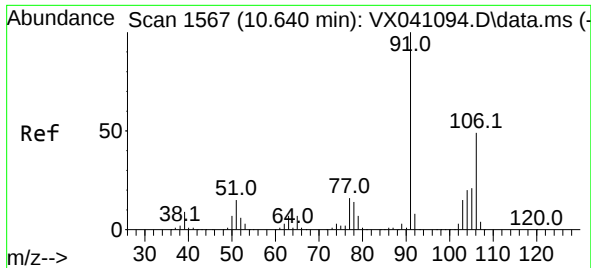
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

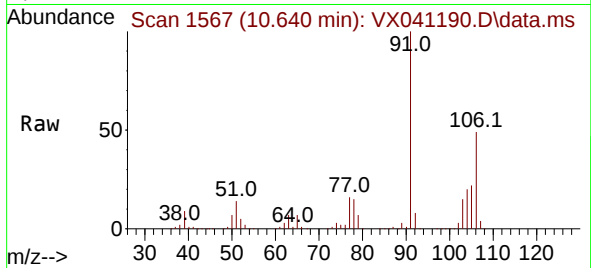
Tgt Ion:106 Resp: 433972
Ion Ratio Lower Upper
106 100
91 191.9 165.5 248.3





#69
o-Xylene
Concen: 51.960 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

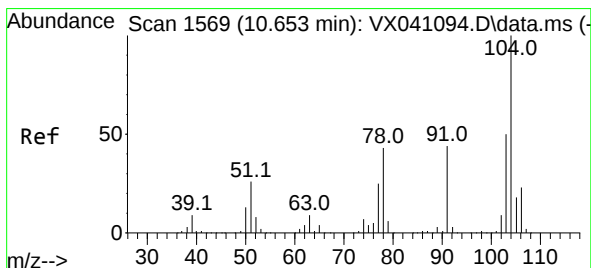
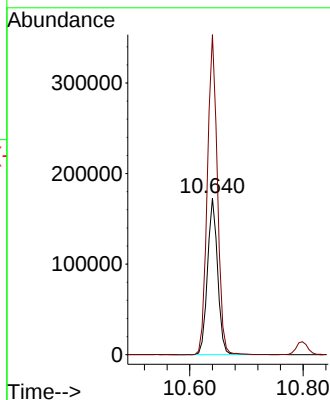
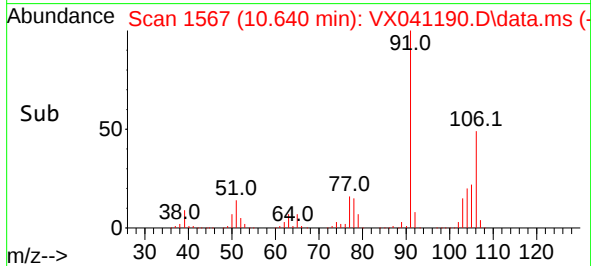
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion:106 Resp: 214139
Ion Ratio Lower Upper
106 100
91 203.2 108.9 326.8

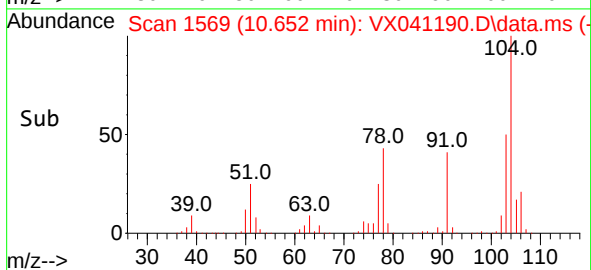
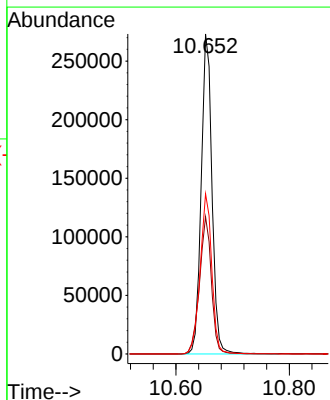
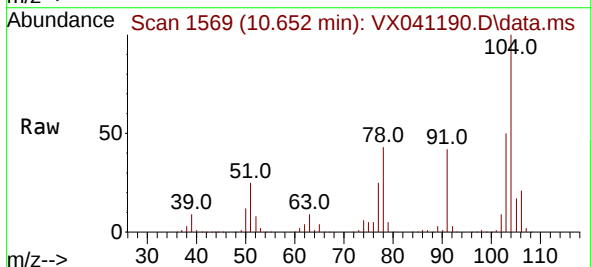
Manual Integrations
APPROVED

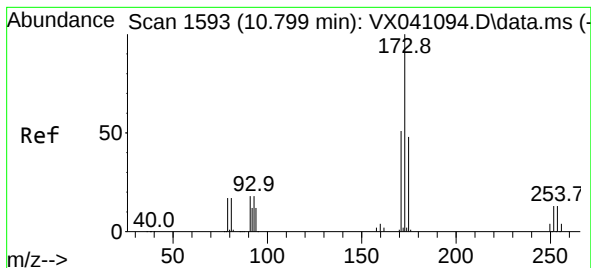
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 53.892 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion:104 Resp: 361327
Ion Ratio Lower Upper
104 100
78 47.2 43.6 65.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 57.453 ug/l

RT: 10.799 min Scan# 110664

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion:173 Resp: 110664

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

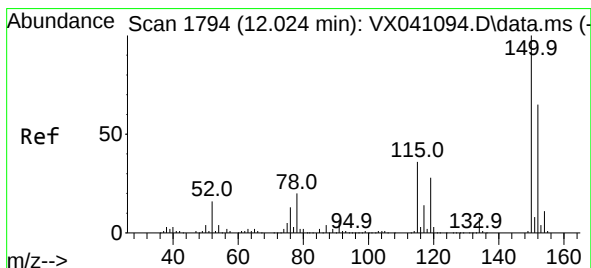
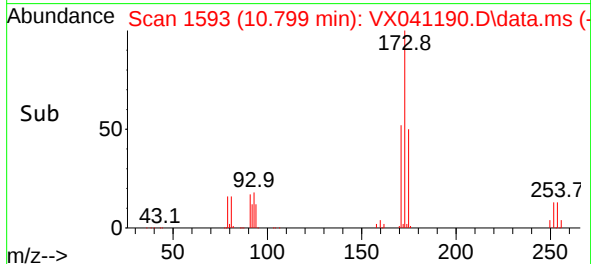
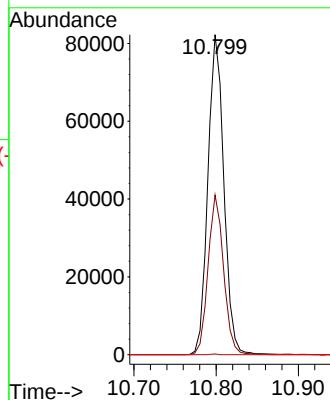
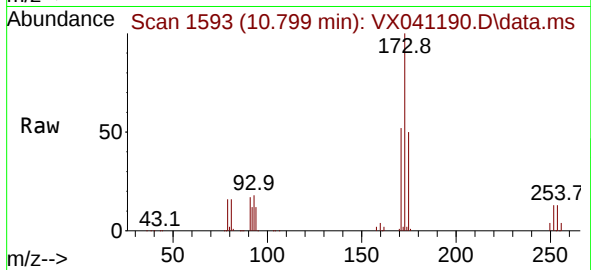
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

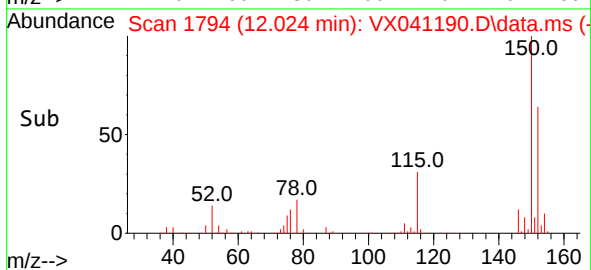
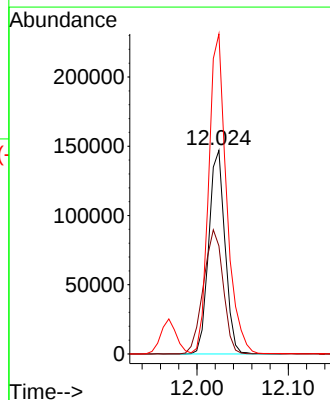
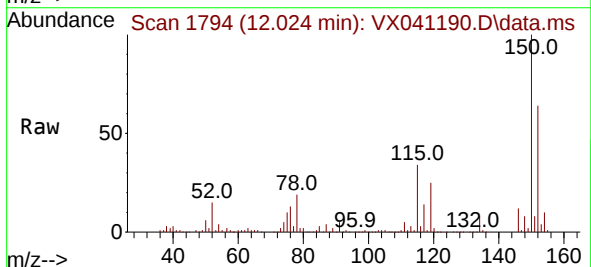
Tgt Ion:152 Resp: 180790

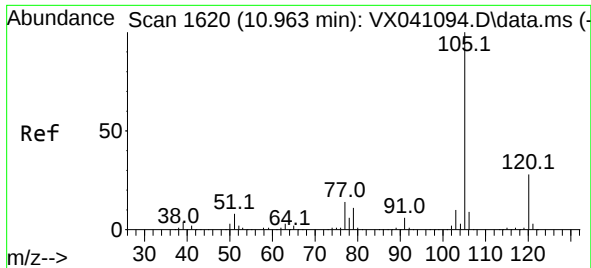
Ion Ratio Lower Upper

152 100

115 74.4 43.3 129.9

150 173.3 0.0 345.0





#73
Isopropylbenzene
Concen: 49.511 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224

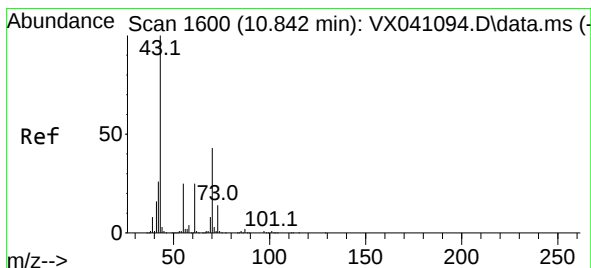
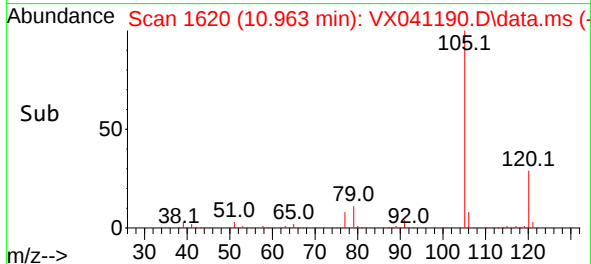
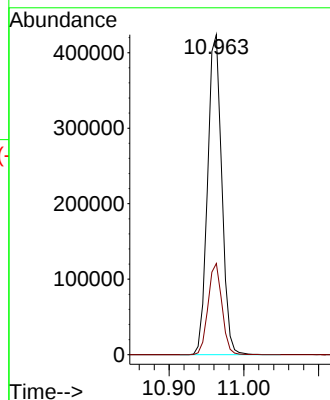
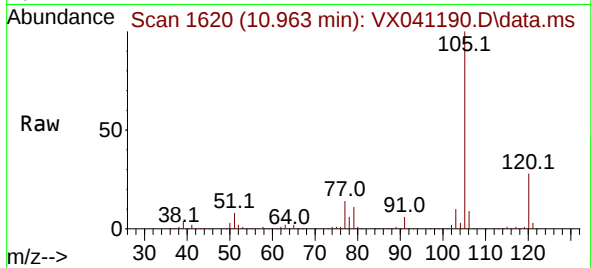
Tgt Ion:105 Resp: 55694
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6

Manual Integrations

APPROVED

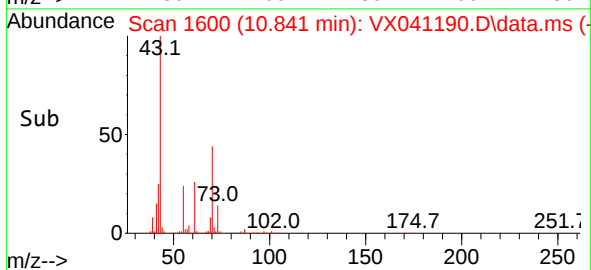
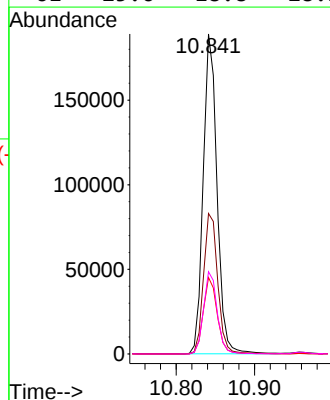
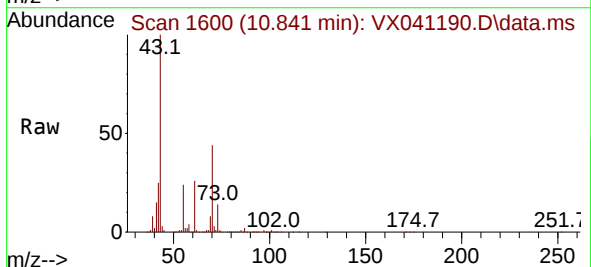
Reviewed By :John Carlone 04/23/2024

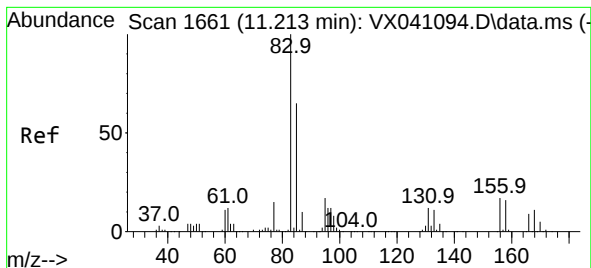
Supervised By :Mahesh Dadoda 04/23/2024



#74
N-ethyl acetate
Concen: 52.305 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 43 Resp: 231234
Ion Ratio Lower Upper
43 100
70 45.4 32.9 49.3
55 24.3 19.3 28.9
61 25.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.621 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224

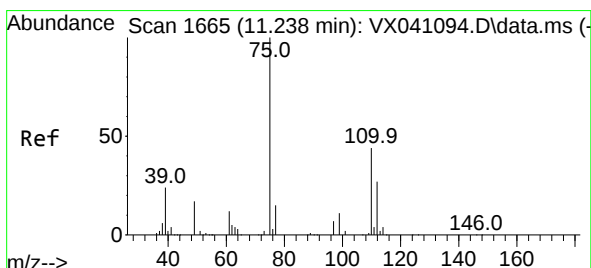
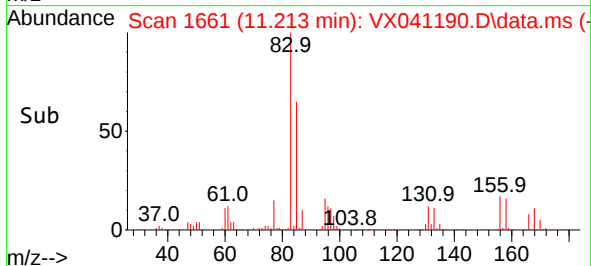
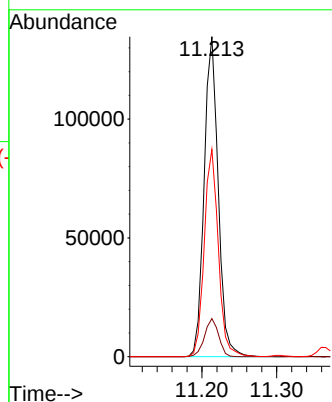
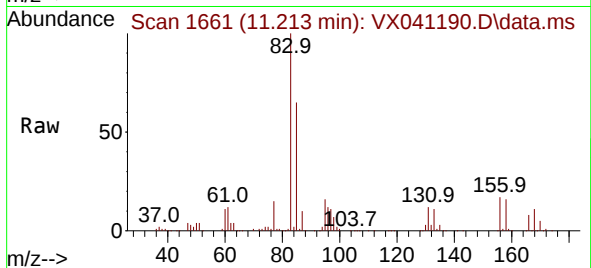
Tgt Ion: 83 Resp: 176020
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.3 15.8
 85 64.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#76

1,2,3-Trichloropropane

Concen: 48.936 ug/l m

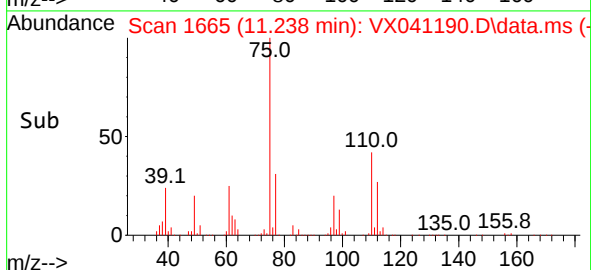
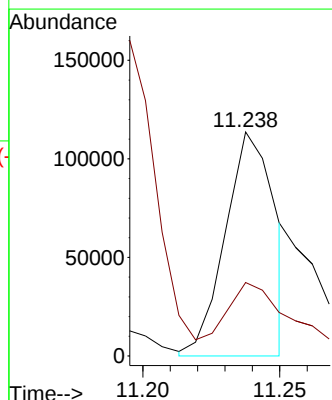
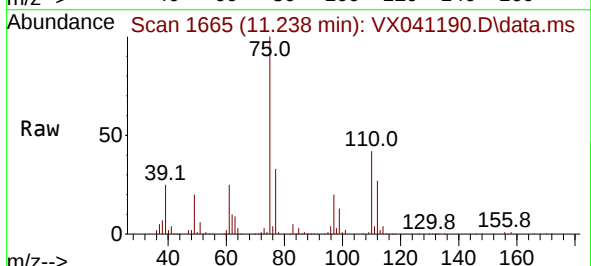
RT: 11.238 min Scan# 1665

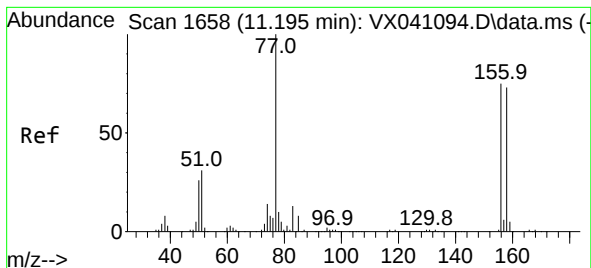
Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

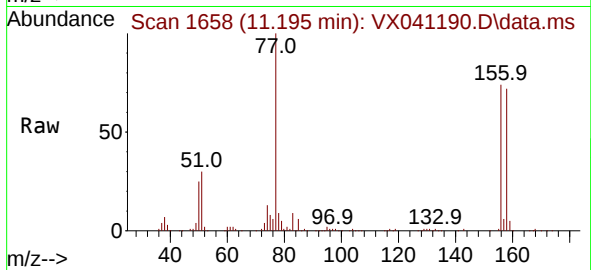
Tgt Ion: 75 Resp: 142543
 Ion Ratio Lower Upper
 75 100
 77 44.6 19.1 57.5





#77
Bromobenzene
Concen: 48.888 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

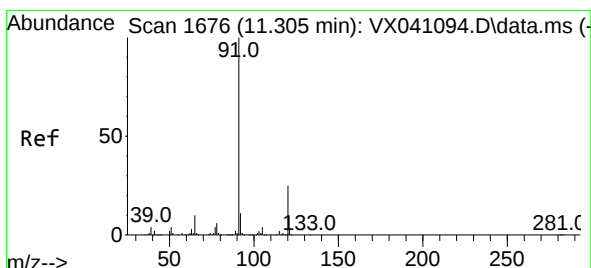
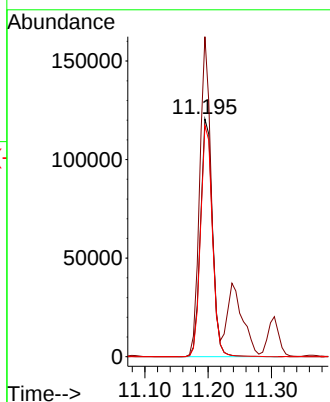
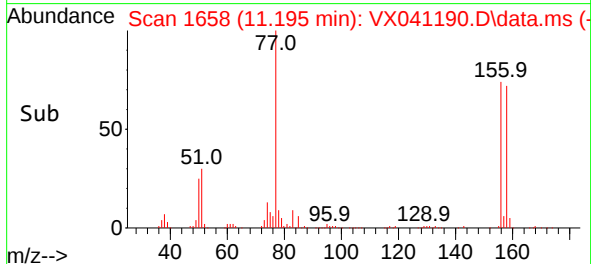
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



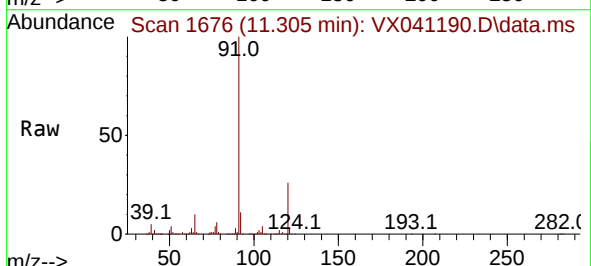
Tgt Ion:156 Resp: 160032
Ion Ratio Lower Upper
156 100
77 127.1 88.4 265.3
158 96.5 48.0 144.0

Manual Integrations
APPROVED

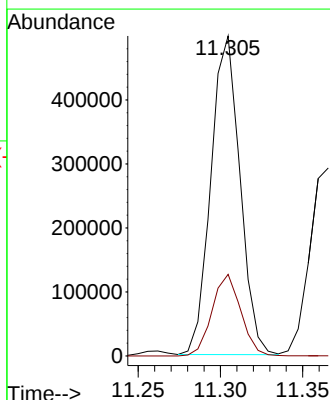
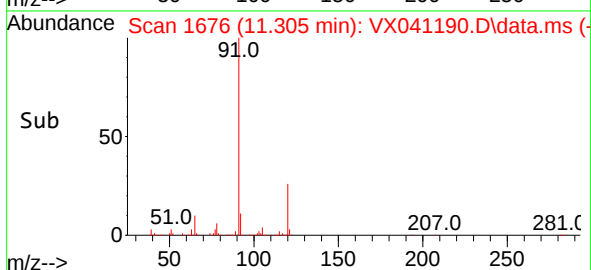
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

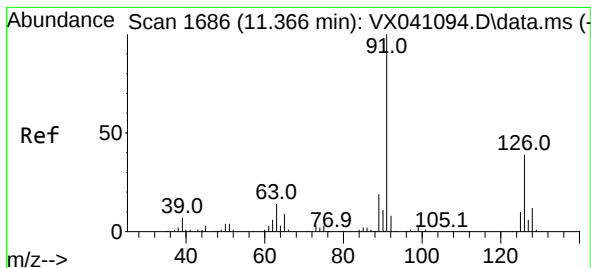


#78
n-propylbenzene
Concen: 50.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18



Tgt Ion: 91 Resp: 613178
Ion Ratio Lower Upper
91 100
120 25.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.474 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

Tgt Ion: 91 Resp: 372580

Ion Ratio Lower Upper

91 100

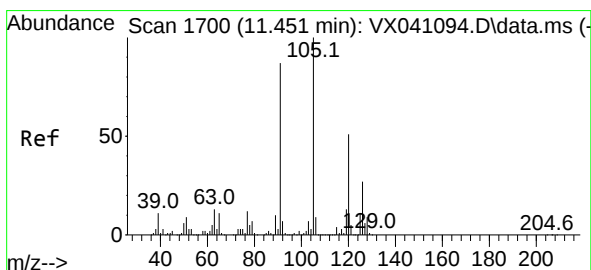
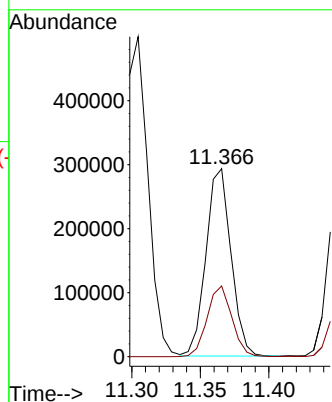
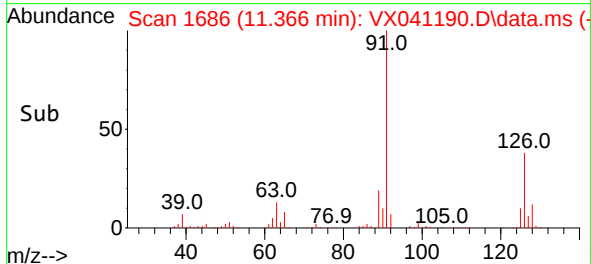
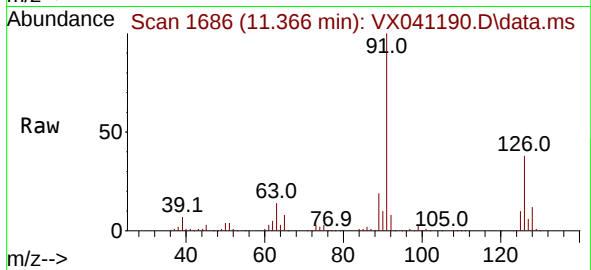
126 37.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.494 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041190.D

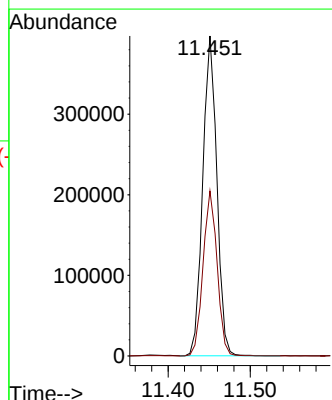
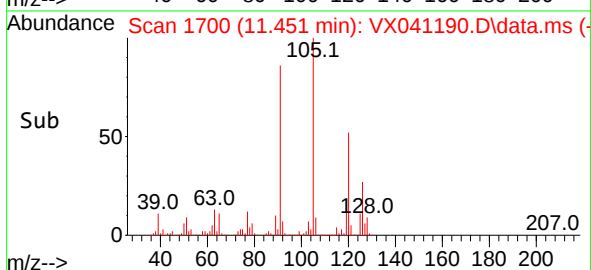
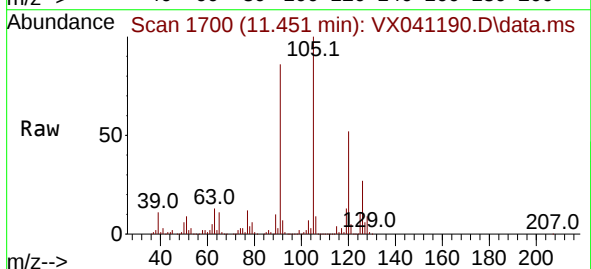
Acq: 22 Apr 2024 15:18

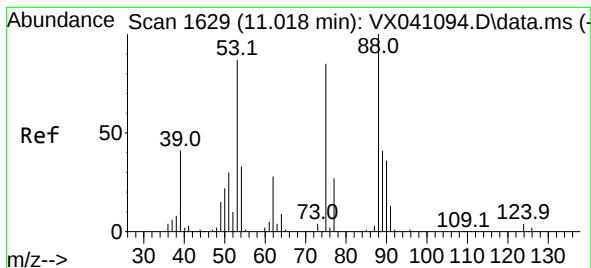
Tgt Ion:105 Resp: 472540

Ion Ratio Lower Upper

105 100

120 51.5 24.1 72.3





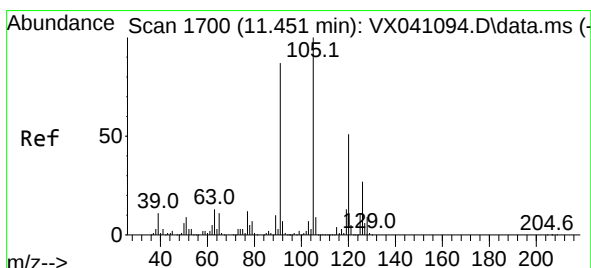
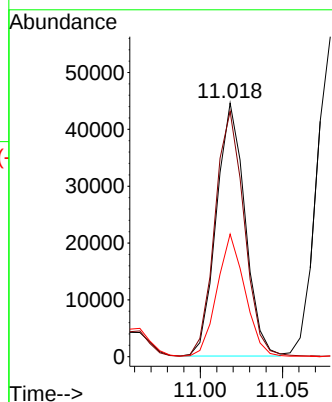
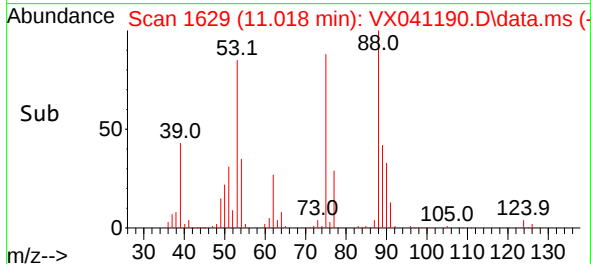
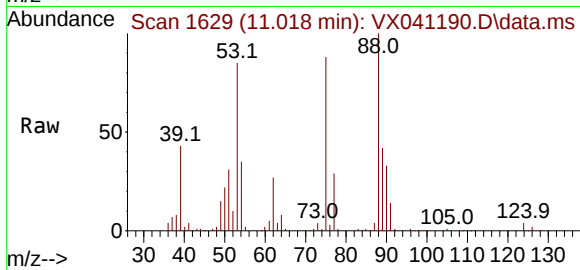
#81
trans-1,4-Dichloro-2-butene
Concen: 52.270 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224

Tgt Ion: 75 Resp: 53960
Ion Ratio Lower Upper
75 100
53 99.0 90.5 135.7
89 47.4 36.9 55.3

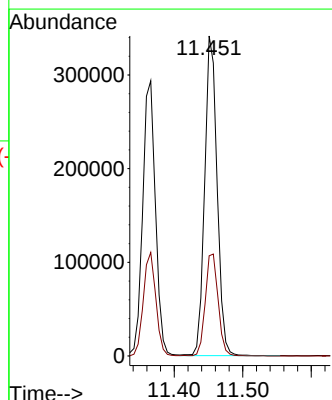
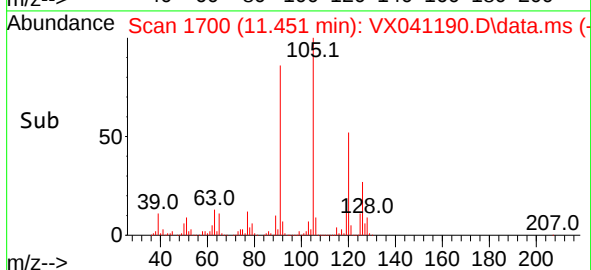
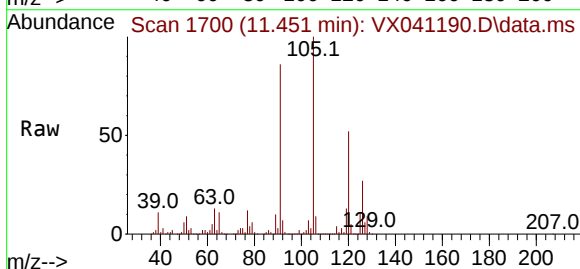
Manual Integrations
APPROVED

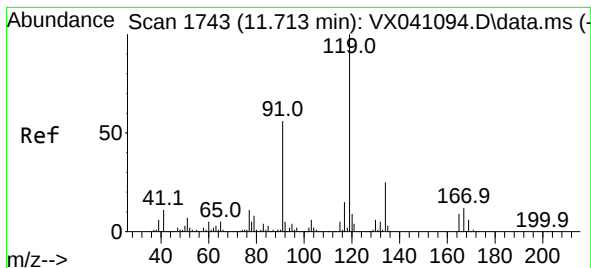
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 49.447 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

Tgt Ion: 91 Resp: 430696
Ion Ratio Lower Upper
91 100
126 33.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.728 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224

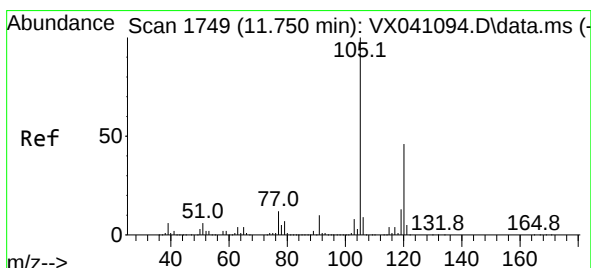
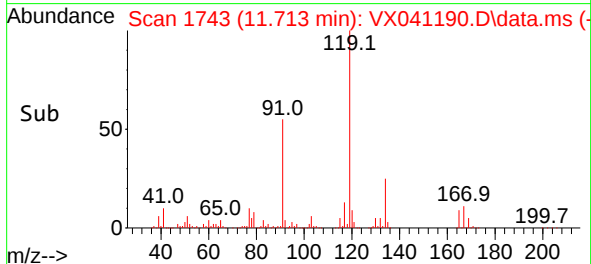
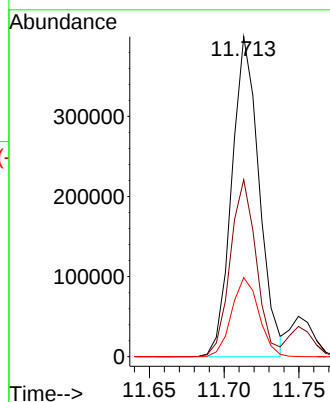
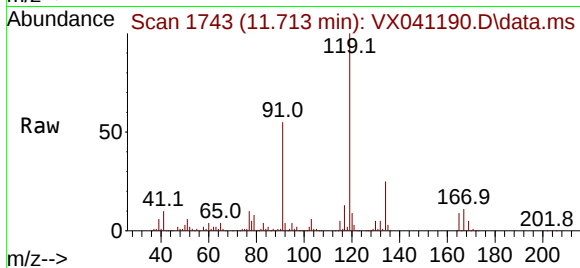
Tgt Ion:	119	Resp:	508374
Ion Ratio	Lower	Upper	
119	100		
91	52.9	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.925 ug/l

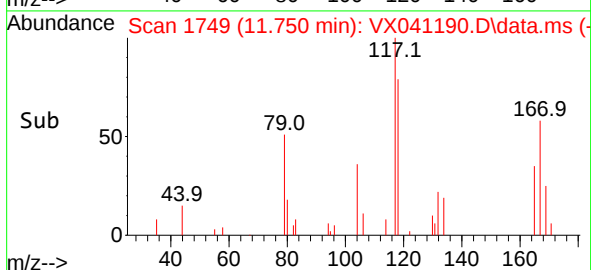
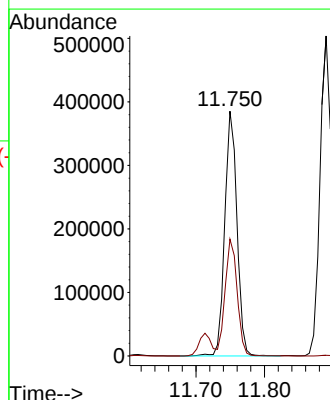
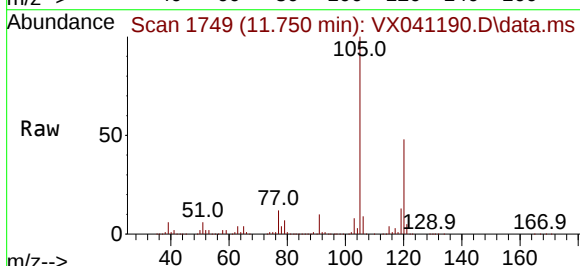
RT: 11.750 min Scan# 1749

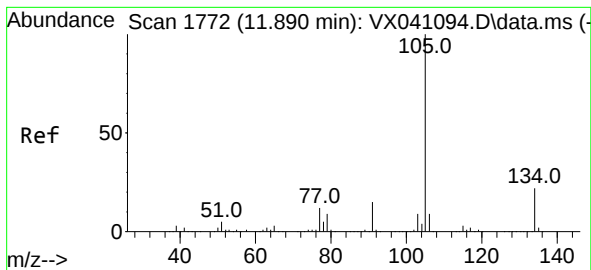
Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

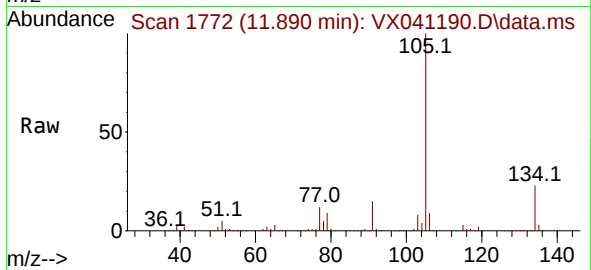
Tgt Ion:	105	Resp:	473015
Ion Ratio	Lower	Upper	
105	100		
120	46.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 51.805 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041190.D
 Acq: 22 Apr 2024 15:18

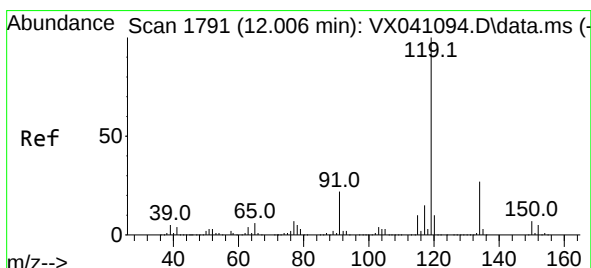
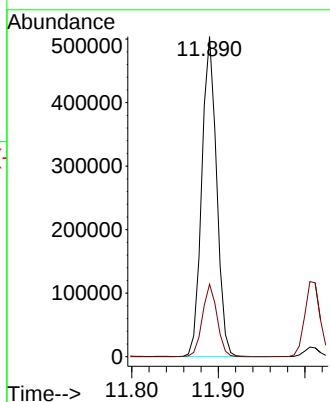
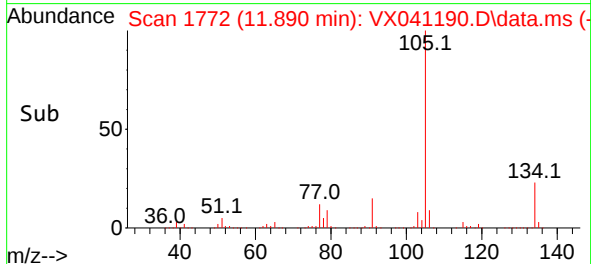
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042224



Tgt Ion:105 Resp: 59952
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.4

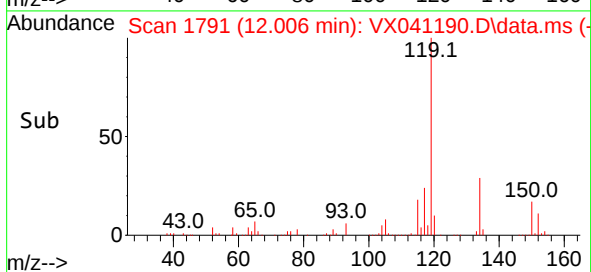
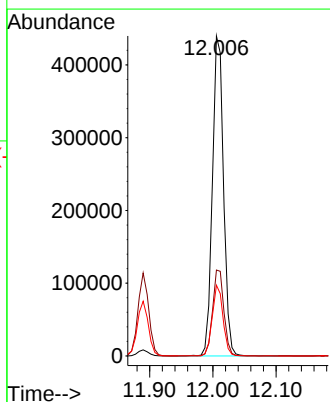
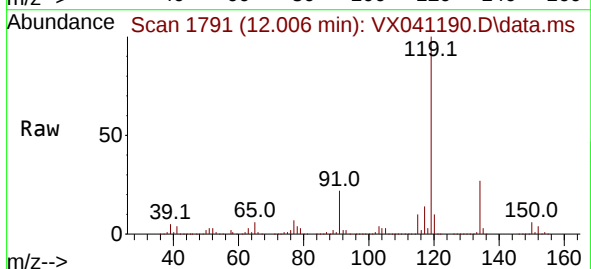
Manual Integrations
 APPROVED

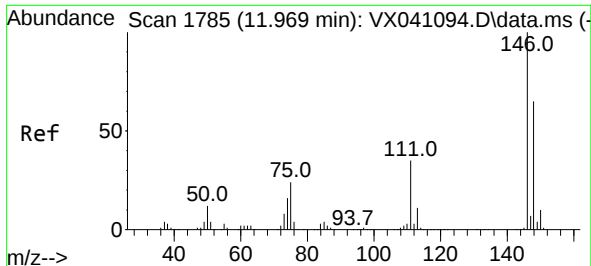
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#86
 p-Isopropyltoluene
 Concen: 52.689 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041190.D
 Acq: 22 Apr 2024 15:18

Tgt Ion:119 Resp: 537333
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 21.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.504 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041190.D

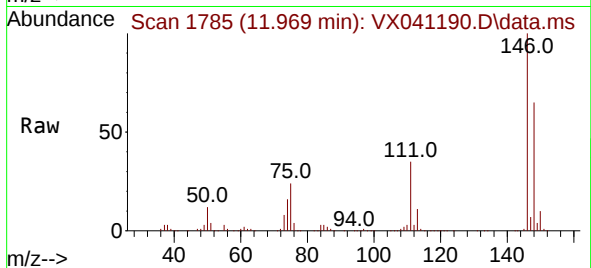
Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042224



Tgt Ion:146 Resp: 291090

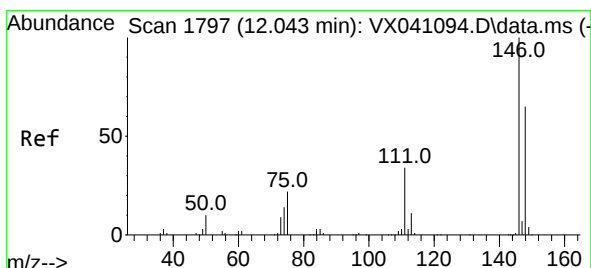
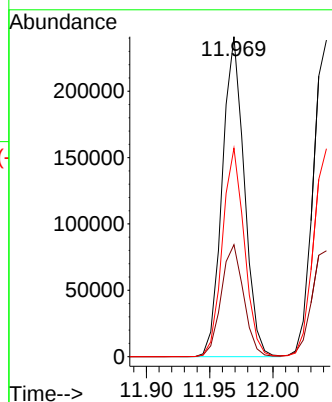
Ion	Ratio	Lower	Upper
146	100		
111	35.7	22.1	66.1
148	64.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

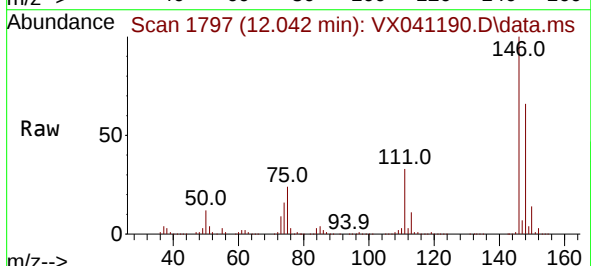
Concen: 48.685 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

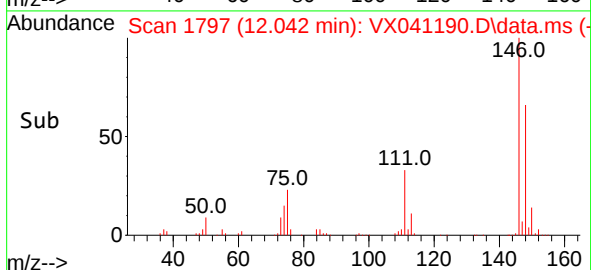
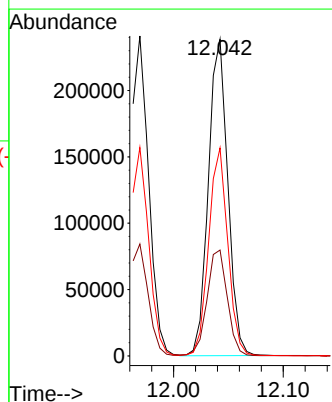
Lab File: VX041190.D

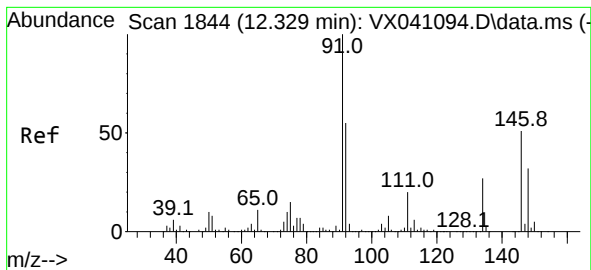
Acq: 22 Apr 2024 15:18



Tgt Ion:146 Resp: 293727

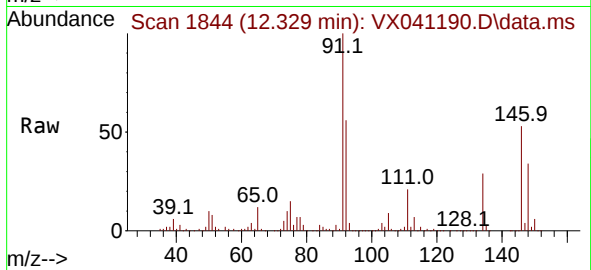
Ion	Ratio	Lower	Upper
146	100		
111	34.9	21.3	63.7
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 54.286 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

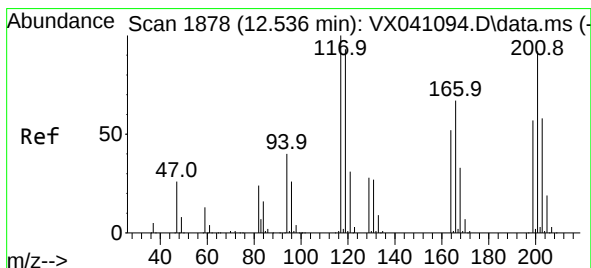
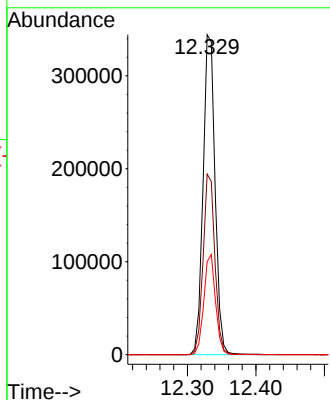
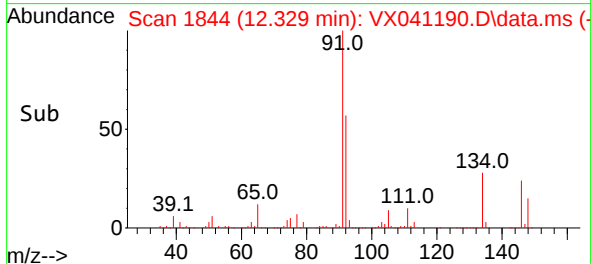
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



Tgt Ion: 91 Resp: 42035
Ion Ratio Lower Upper
91 100
92 55.6 27.4 82.0
134 30.5 12.6 37.8

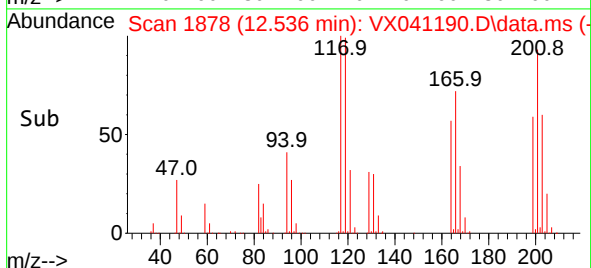
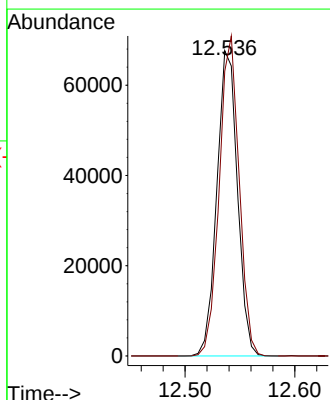
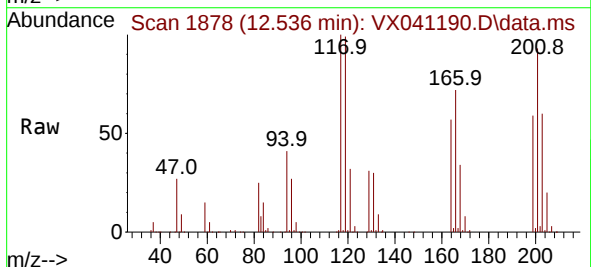
Manual Integrations
APPROVED

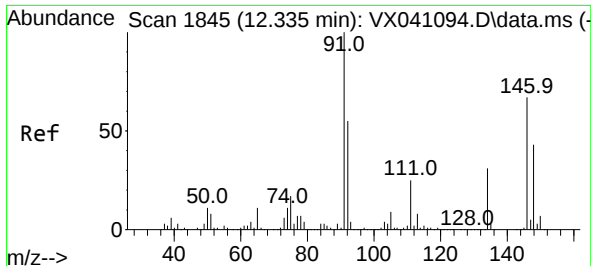
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#90
Hexachloroethane
Concen: 52.443 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

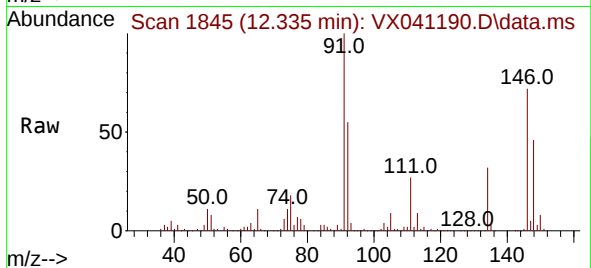
Tgt Ion:117 Resp: 88223
Ion Ratio Lower Upper
117 100
201 101.1 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 50.338 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18

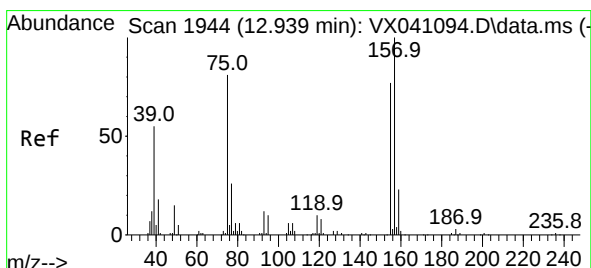
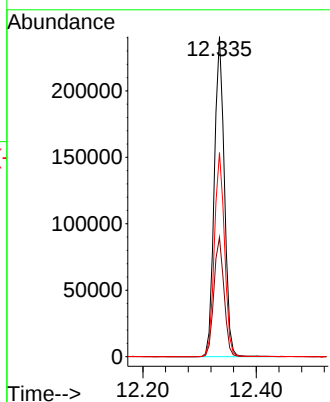
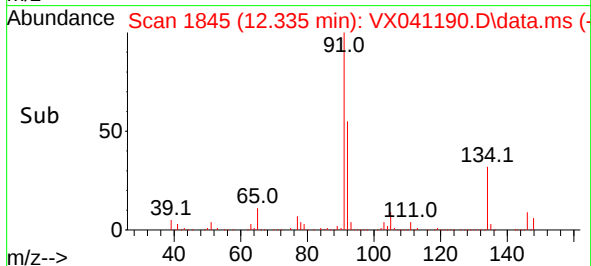
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224



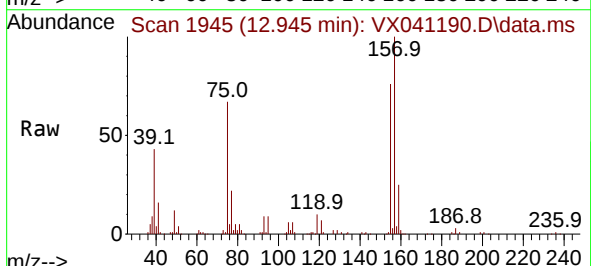
Tgt Ion:146 Resp: 29646
Ion Ratio Lower Upper
146 100
111 37.5 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

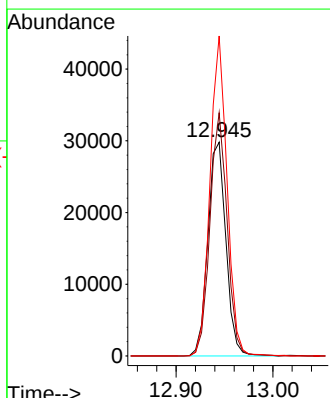
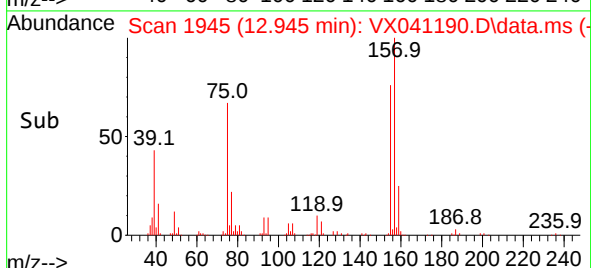
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

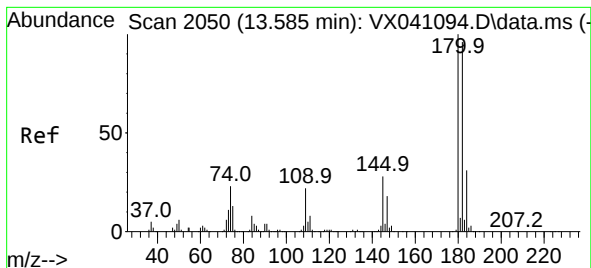


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.011 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041190.D
Acq: 22 Apr 2024 15:18



Tgt Ion: 75 Resp: 38714
Ion Ratio Lower Upper
75 100
155 108.5 36.1 108.5#
157 140.9 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 52.444 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224

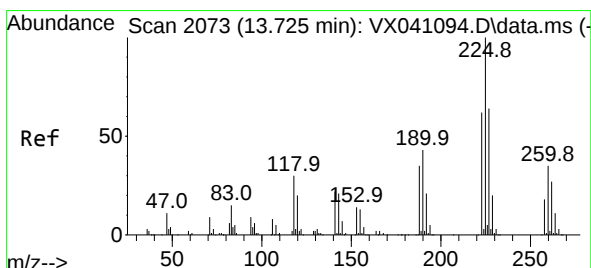
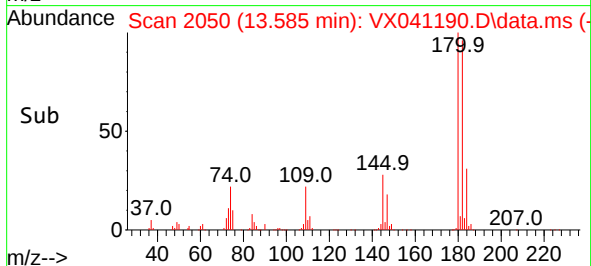
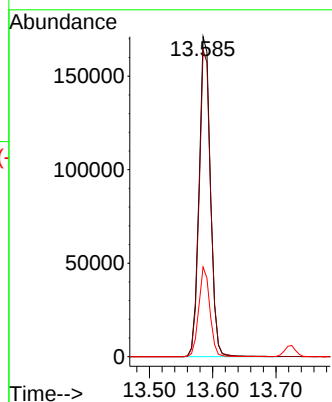
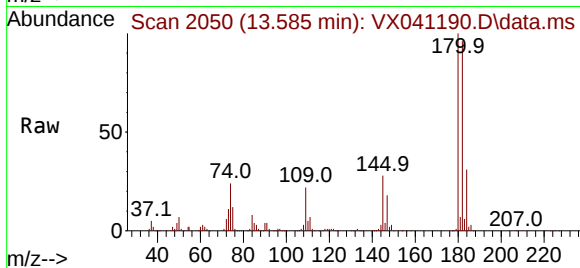
Tgt Ion:180	Resp: 21415
Ion Ratio	Lower Upper
180	100
182	96.4 48.3 144.8
145	27.3 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#94

Hexachlorobutadiene

Concen: 52.591 ug/l

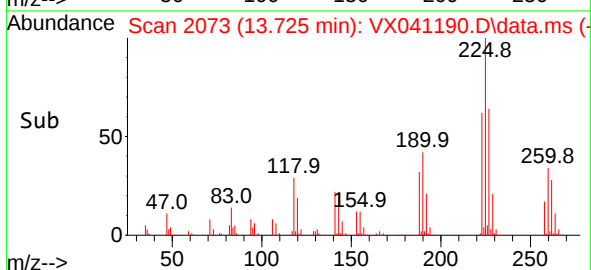
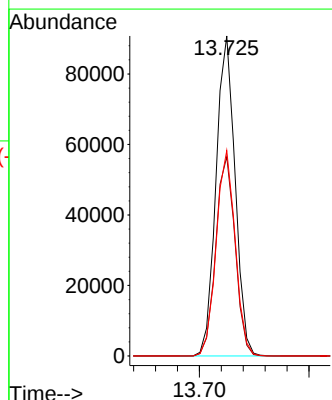
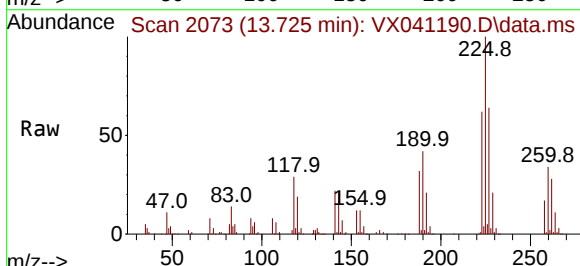
RT: 13.725 min Scan# 2073

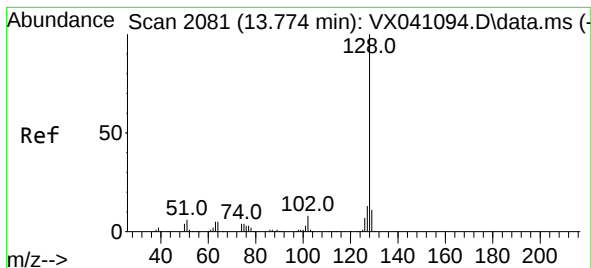
Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Tgt Ion:225	Resp: 109720
Ion Ratio	Lower Upper
225	100
223	62.9 31.1 93.2
227	64.0 32.5 97.5





#95

Naphthalene

Concen: 52.393 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX042224

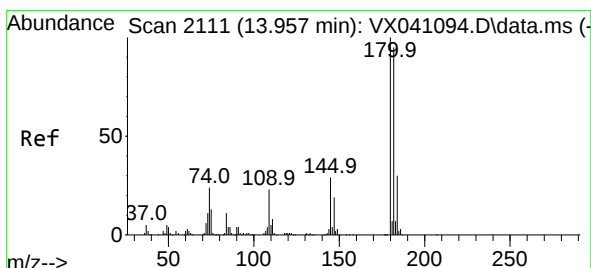
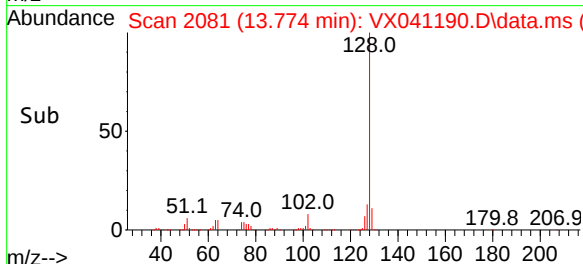
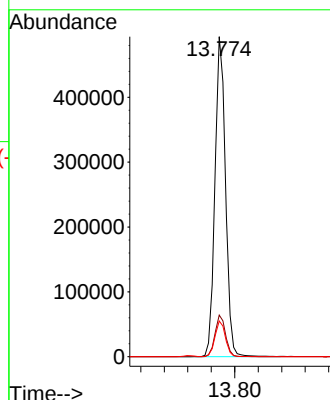
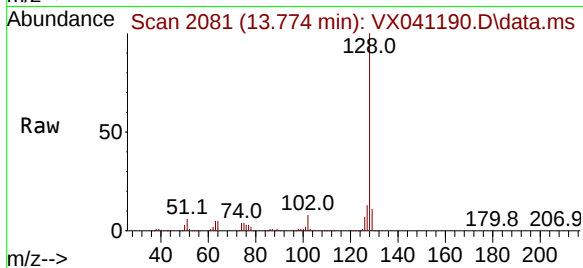
Tgt Ion:	128	Resp:	614714
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.913 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041190.D

Acq: 22 Apr 2024 15:18

Tgt Ion:	180	Resp:	218991
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.9	140.6
145	29.3	17.8	53.5

