

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041194.D
 Acq On : 22 Apr 2024 16:57
 Operator : JC/MD
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 05:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	240251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	326032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107188	46.868	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.740%		
35) Dibromofluoromethane	5.385	113	92817	46.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	322152	48.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.300%		
62) 4-Bromofluorobenzene	11.079	95	122324	49.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36015	18.953	ug/l	100
3) Chloromethane	1.301	50	37296	18.128	ug/l	100
4) Vinyl Chloride	1.374	62	37907	18.425	ug/l	98
5) Bromomethane	1.599	94	20996	18.125	ug/l	96
6) Chloroethane	1.666	64	12449	15.927	ug/l	93
7) Trichlorofluoromethane	1.861	101	60198	18.884	ug/l	98
8) Diethyl Ether	2.136	74	23237	19.807	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	36709	19.572	ug/l	89
10) Methyl Iodide	2.441	142	44358	19.612	ug/l	89
11) Tert butyl alcohol	3.026	59	39758	97.038	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	32424	18.518	ug/l	85
13) Acrolein	2.239	56	44491	96.800	ug/l	99
14) Allyl chloride	2.654	41	58016	20.397	ug/l #	93
15) Acrylonitrile	3.075	53	107620	102.793	ug/l	99
16) Acetone	2.392	43	84560	101.578	ug/l	96
17) Carbon Disulfide	2.496	76	62665	17.133	ug/l	99
18) Methyl Acetate	2.709	43	49019	19.906	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	123471	19.726	ug/l	99
20) Methylene Chloride	2.782	84	40330	19.837	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	36783	19.010	ug/l	85
22) Diisopropyl ether	3.764	45	121536	19.763	ug/l	89
23) Vinyl Acetate	3.721	43	541591	102.944	ug/l	95
24) 1,1-Dichloroethane	3.599	63	66221	19.263	ug/l	97
25) 2-Butanone	4.568	43	145543	102.374	ug/l	96
26) 2,2-Dichloropropane	4.465	77	54859	18.882	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	45614	19.020	ug/l	87
28) Bromochloromethane	4.898	49	21126	16.194	ug/l #	67
29) Tetrahydrofuran	5.013	42	96806	99.951	ug/l	92
30) Chloroform	5.087	83	70890	19.213	ug/l	99
31) Cyclohexane	5.458	56	58154	18.893	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	62847	19.000	ug/l	97
36) 1,1-Dichloropropene	5.684	75	47662	18.783	ug/l	96
37) Ethyl Acetate	4.721	43	59384	21.330	ug/l	98
38) Carbon Tetrachloride	5.672	117	53507	18.879	ug/l	97
39) Methylcyclohexane	7.373	83	63791	18.953	ug/l	91
40) Benzene	6.031	78	150557	19.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30469	21.022	ug/l	91
42) 1,2-Dichloroethane	6.080	62	53738	19.776	ug/l	93
43) Isopropyl Acetate	6.342	43	90105	20.091	ug/l	97
44) Trichloroethene	7.123	130	43101	18.917	ug/l	86
45) 1,2-Dichloropropane	7.428	63	36406	19.375	ug/l	97
46) Dibromomethane	7.580	93	27577	19.682	ug/l #	75
47) Bromodichloromethane	7.824	83	50441	19.530	ug/l	98
48) Methyl methacrylate	7.696	41	43693	20.598	ug/l	91
49) 1,4-Dioxane	7.671	88	16899	370.125	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	299256	106.603	ug/l	97
52) Toluene	8.714	92	99219	20.092	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	50924	20.102	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	56452	19.602	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	40143	20.833	ug/l	98
56) Ethyl methacrylate	9.116	69	62504	21.218	ug/l	93
57) 1,3-Dichloropropane	9.305	76	64454	20.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	125899	87.814	ug/l	91
59) 2-Hexanone	9.433	43	231519	107.550	ug/l	95
60) Dibromochloromethane	9.519	129	44147	19.847	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41957	20.295	ug/l	98
64) Tetrachloroethene	9.269	164	42976	19.272	ug/l	91
65) Chlorobenzene	10.080	112	116106	19.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	40452	19.736	ug/l	98
67) Ethyl Benzene	10.195	91	186863	19.568	ug/l	96
68) m/p-Xylenes	10.299	106	150839	39.129	ug/l	91
69) o-Xylene	10.640	106	74679	19.918	ug/l	93
70) Styrene	10.653	104	122502	20.084	ug/l	95
71) Bromoform	10.799	173	34981	19.963	ug/l #	100
73) Isopropylbenzene	10.964	105	193756	19.214	ug/l	97
74) N-amyl acetate	10.842	43	78357	19.772	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	63152	19.859	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	49621m	19.003	ug/l	
77) Bromobenzene	11.195	156	55497	18.912	ug/l	75
78) n-propylbenzene	11.305	91	206831	18.996	ug/l	95
79) 2-Chlorotoluene	11.366	91	130101	18.882	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	161436	19.243	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	16281	17.591	ug/l	97
82) 4-Chlorotoluene	11.451	91	147001	18.826	ug/l	92
83) tert-Butylbenzene	11.713	119	173764	19.342	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	162166	19.476	ug/l	92
85) sec-Butylbenzene	11.890	105	204363	19.699	ug/l	96
86) p-Isopropyltoluene	12.006	119	178510	19.526	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	98982	18.778	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	100062	18.501	ug/l	96
89) n-Butylbenzene	12.329	91	131665	18.968	ug/l	97
90) Hexachloroethane	12.536	117	27333	18.125	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	103574	19.617	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12317	18.459	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	57952	15.831	ug/l	94
94) Hexachlorobutadiene	13.725	225	30019	16.051	ug/l	99
95) Naphthalene	13.774	128	173257	16.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60703	15.743	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

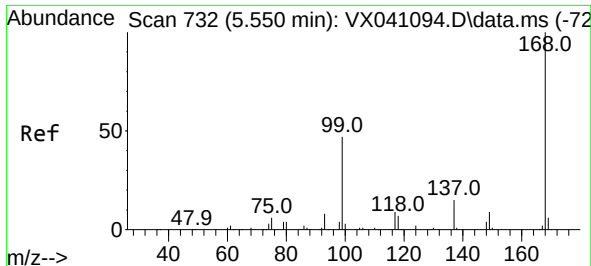
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:37:26 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

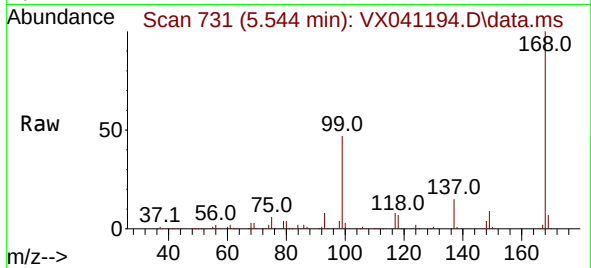
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

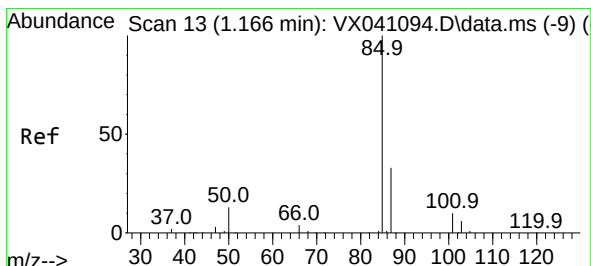
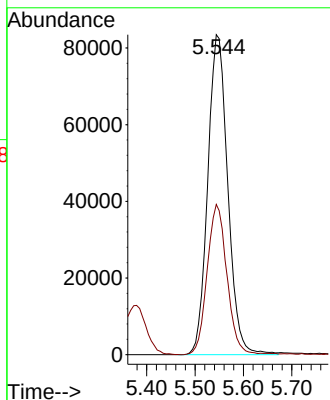
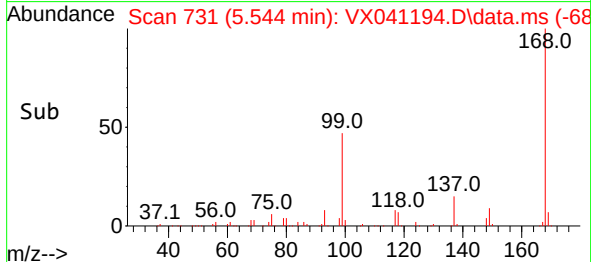
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion:168 Resp: 24025
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0

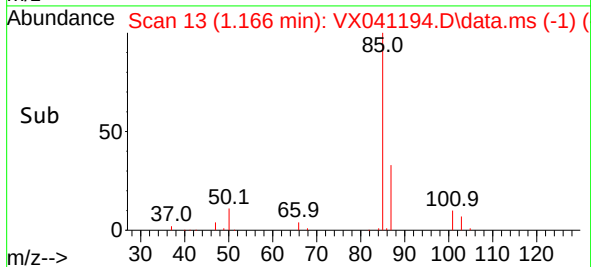
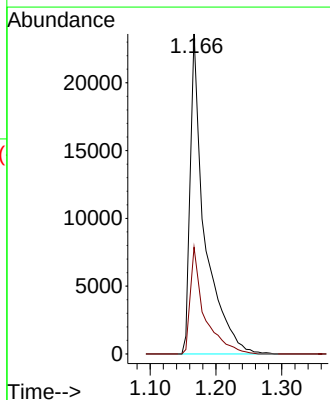
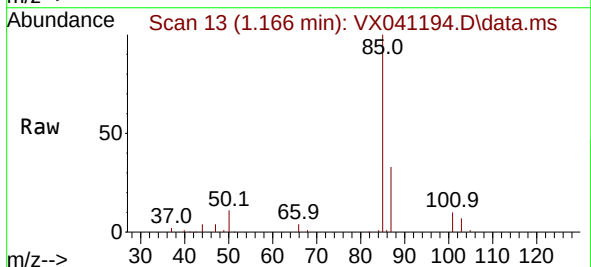
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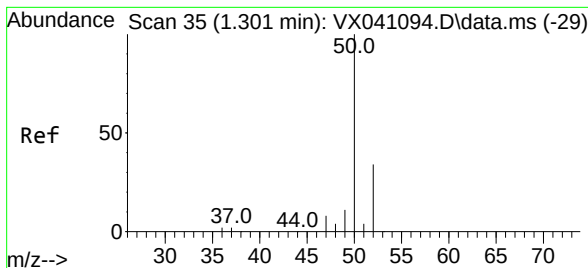
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 18.953 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 85 Resp: 36015
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





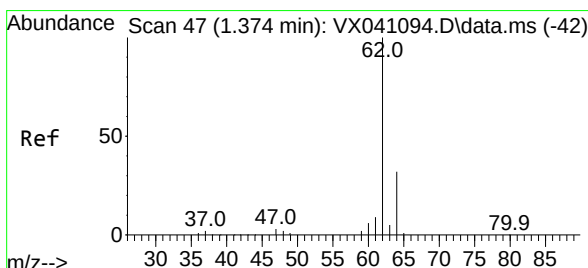
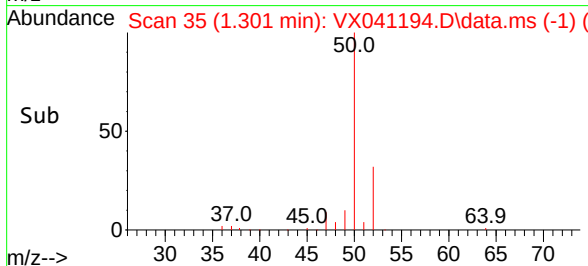
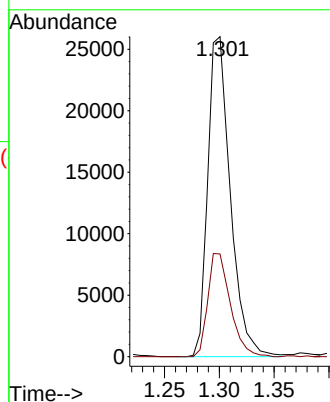
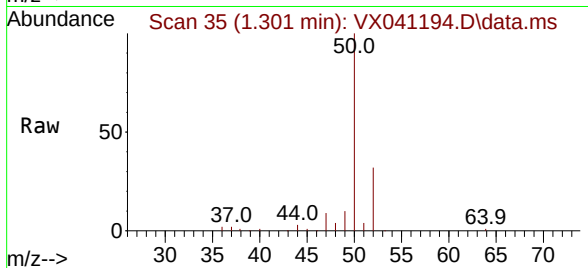
#3
Chloromethane
Concen: 18.128 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 50 Resp: 37290
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

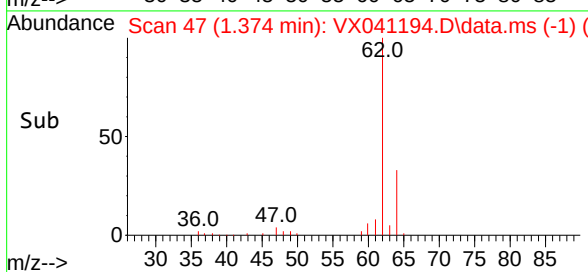
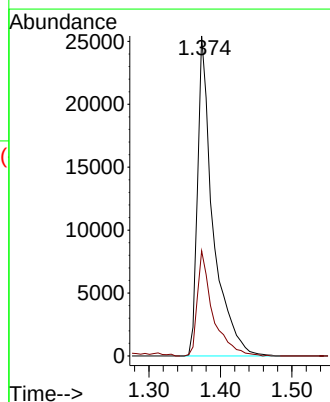
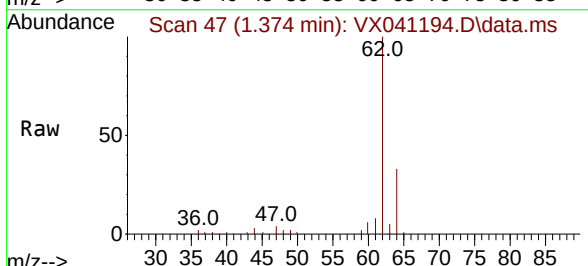
Manual Integrations
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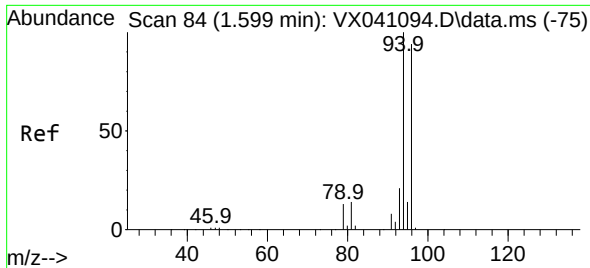
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 18.425 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 62 Resp: 37907
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





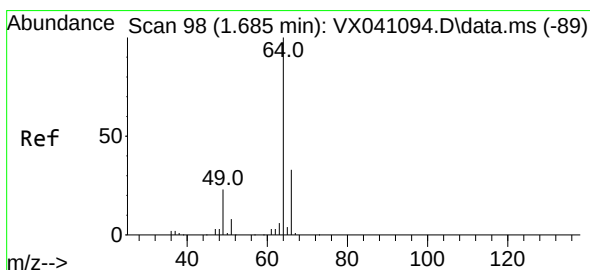
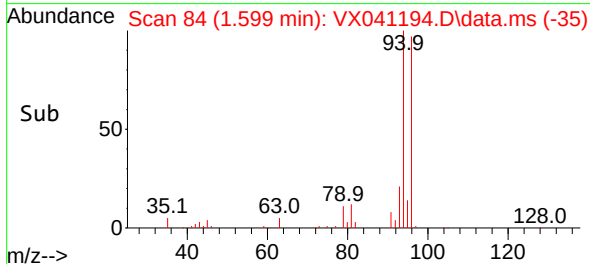
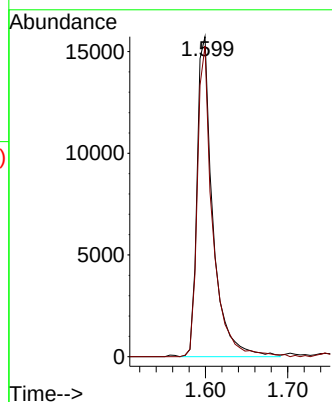
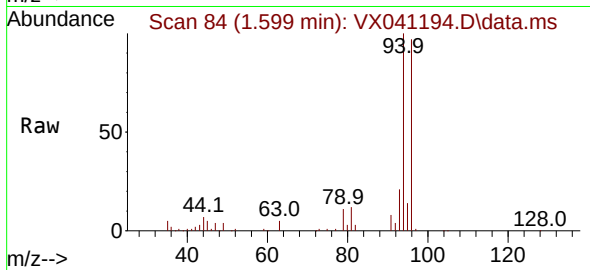
#5
Bromomethane
Concen: 18.125 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 20990
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

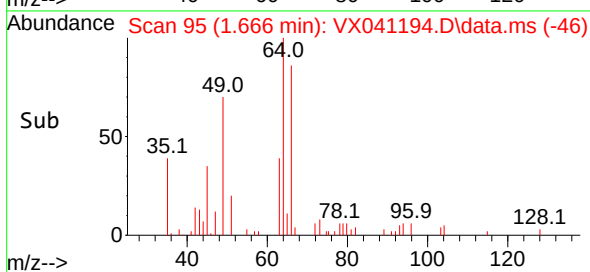
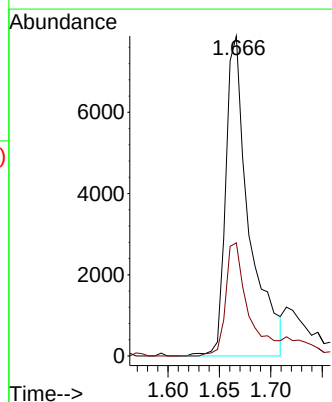
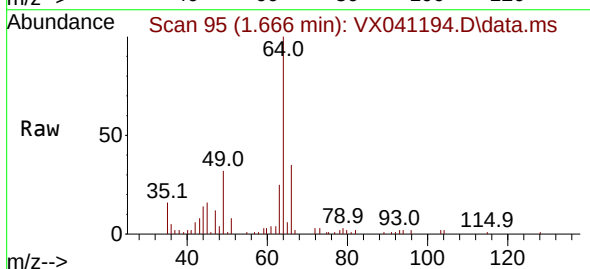
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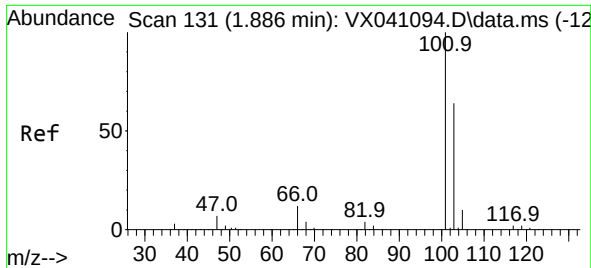
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#6
Chloroethane
Concen: 15.927 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

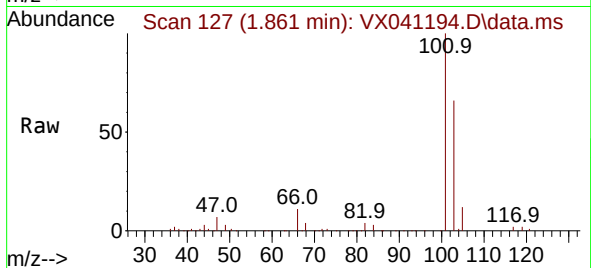
Tgt Ion: 64 Resp: 12449
Ion Ratio Lower Upper
64 100
66 35.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.884 ug/l
RT: 1.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

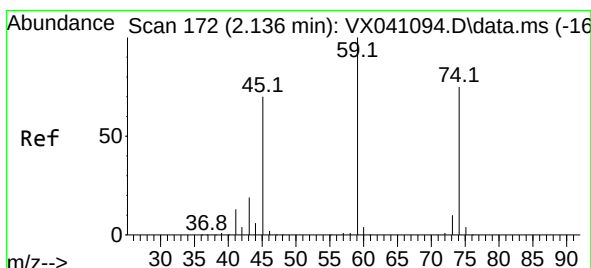
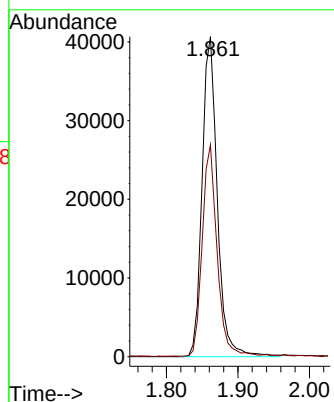
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion:101 Resp: 60198
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

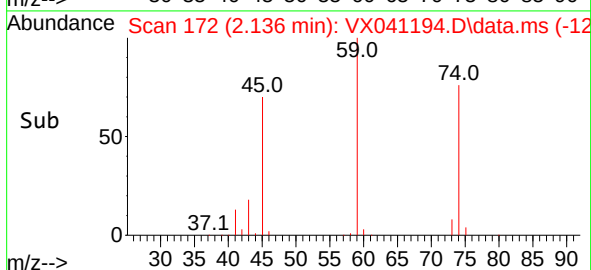
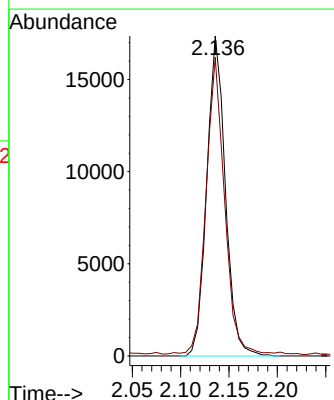
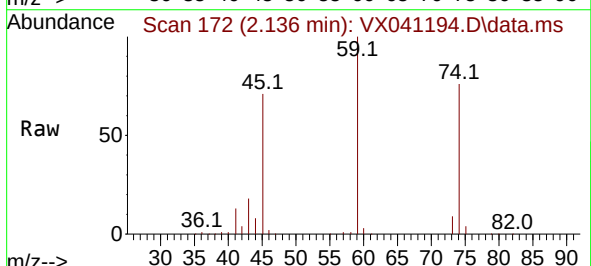
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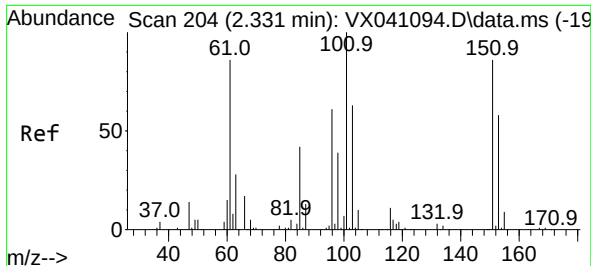
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#8
Diethyl Ether
Concen: 19.807 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

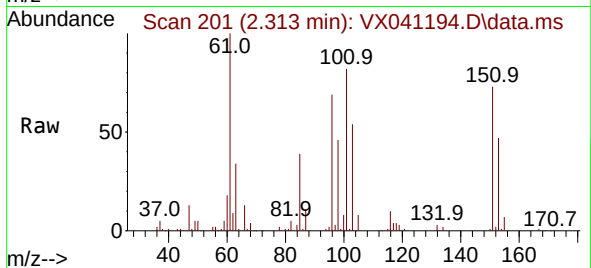
Tgt Ion: 74 Resp: 23237
Ion Ratio Lower Upper
74 100
45 93.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.572 ug/l
RT: 2.313 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041194.D
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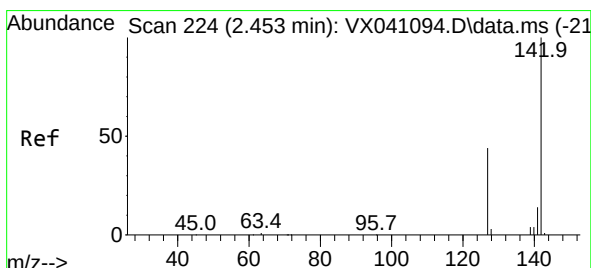
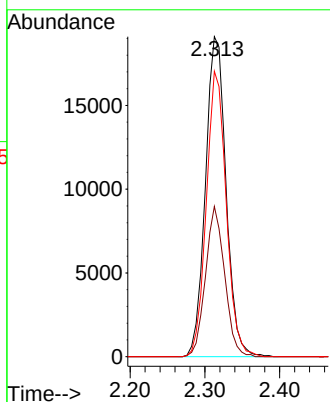
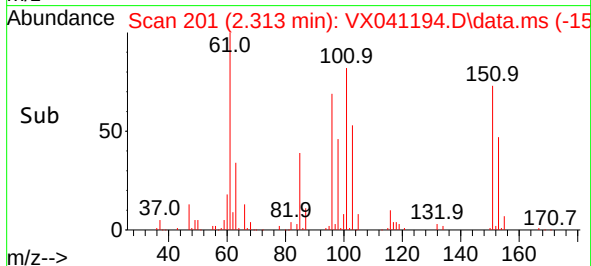
Instrument :
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Tgt Ion:101 Resp: 36709
Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 86.1 58.6 87.8

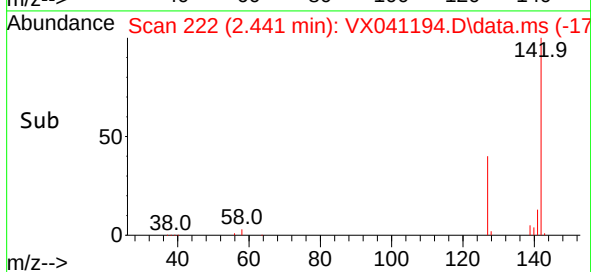
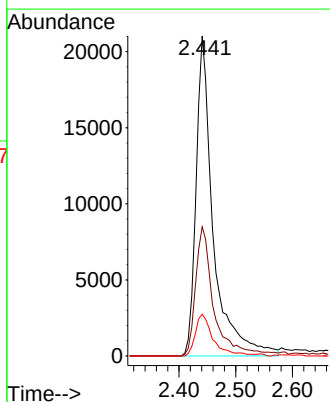
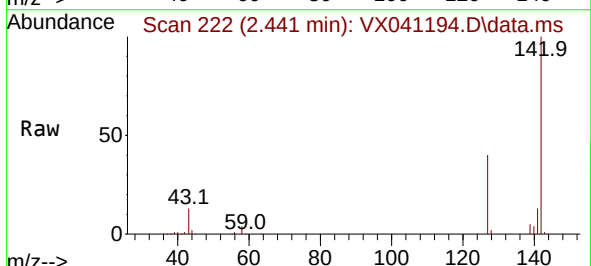
Manual Integrations
APPROVED

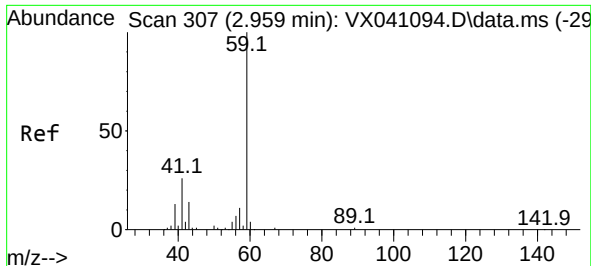
Reviewed By :John Carbone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 19.612 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion:142 Resp: 44358
Ion Ratio Lower Upper
142 100
127 42.8 41.6 62.4
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 97.038 ug/l

RT: 3.026 min Scan# 318

Delta R.T. -0.037 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

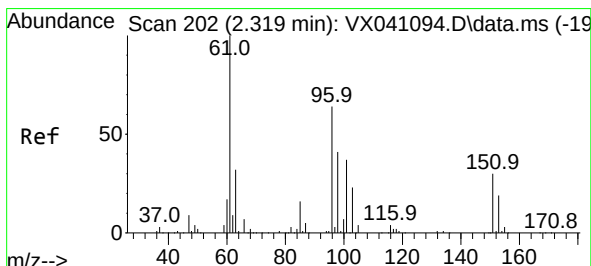
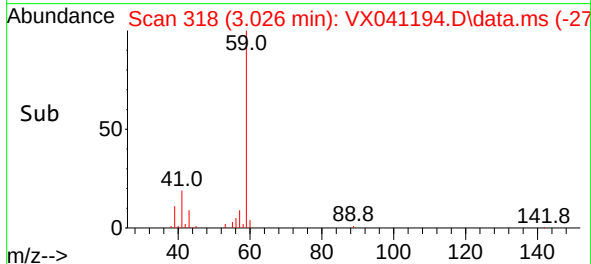
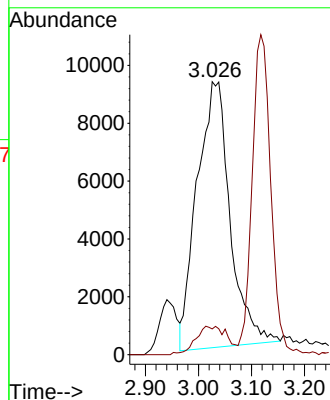
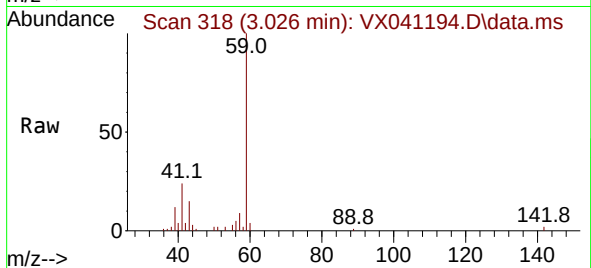
Tgt Ion: 59 Resp: 39758
 Ion Ratio Lower Upper
 59 100
 57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#12

1,1-Dichloroethene

Concen: 18.518 ug/l

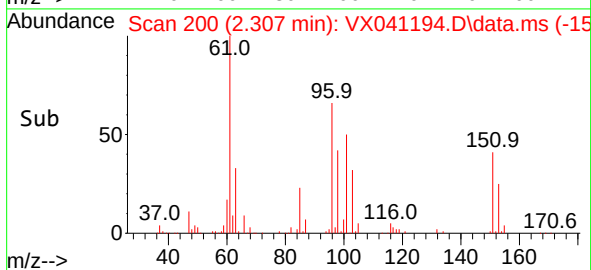
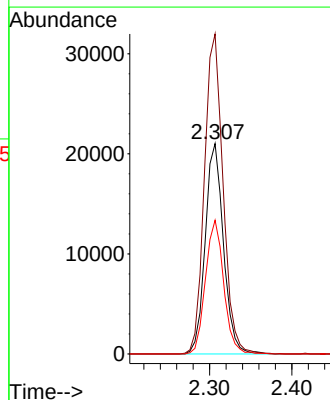
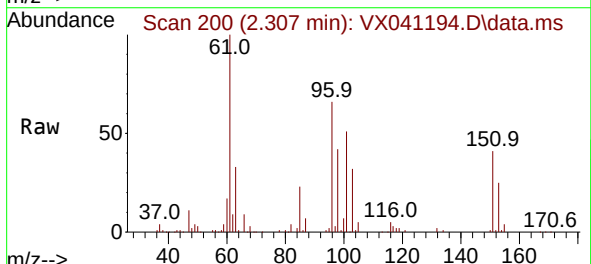
RT: 2.307 min Scan# 200

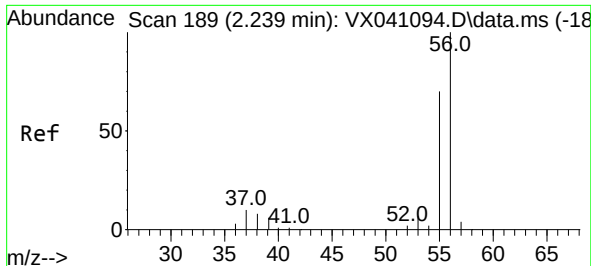
Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion: 96 Resp: 32424
 Ion Ratio Lower Upper
 96 100
 61 152.0 144.6 216.8
 98 63.6 50.4 75.6





#13

Acrolein

Concen: 96.800 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 56 Resp: 4449

Ion Ratio Lower Upper

56 100

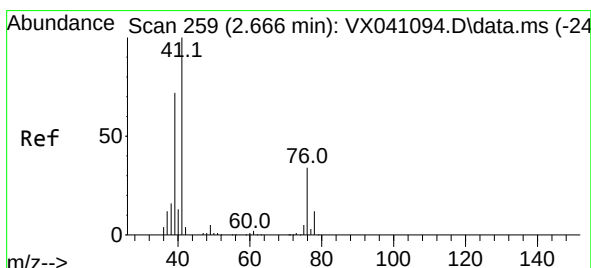
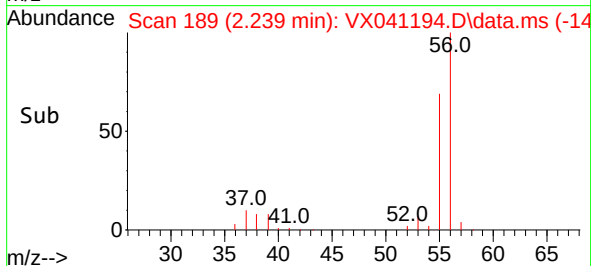
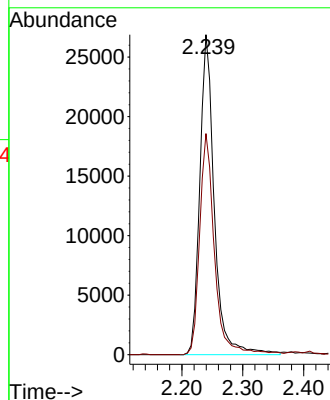
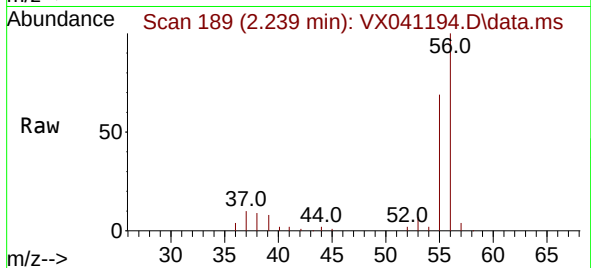
55 70.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 20.397 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

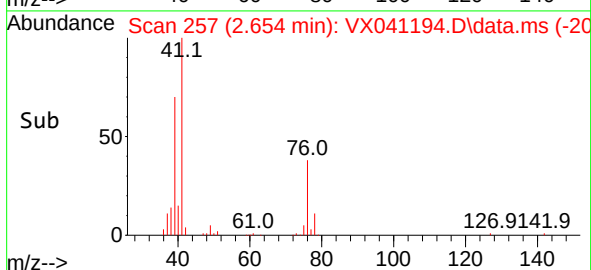
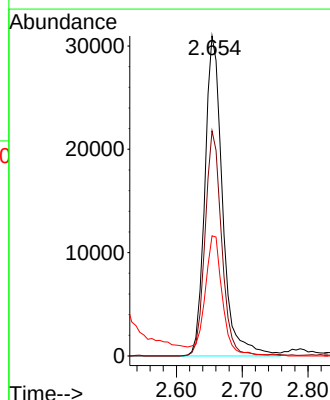
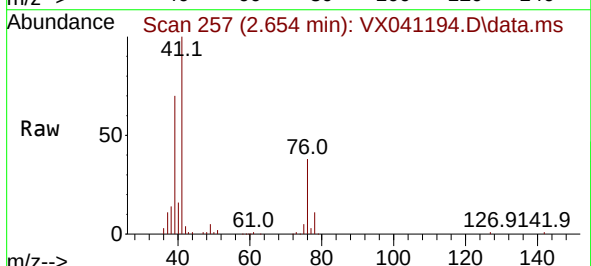
Tgt Ion: 41 Resp: 58016

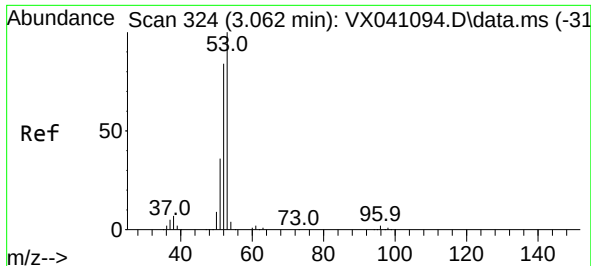
Ion Ratio Lower Upper

41 100

39 65.6 55.8 83.6

76 37.5 24.3 36.5





#15

Acrylonitrile

Concen: 102.793 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

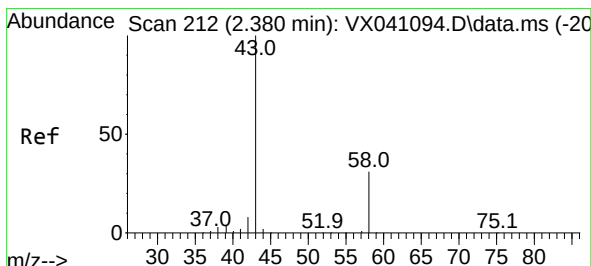
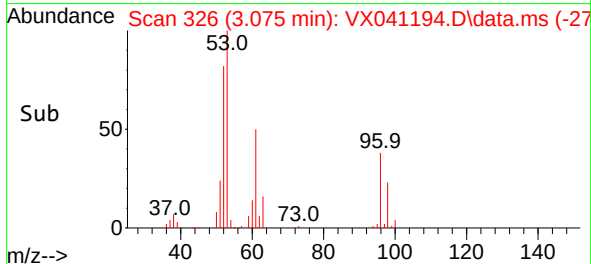
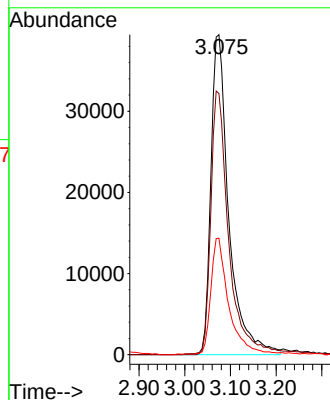
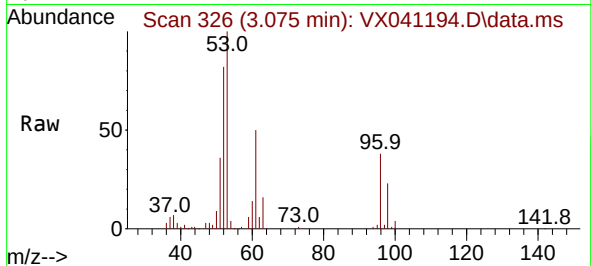
Tgt Ion: 53 Resp: 107620
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.0 99.0
 51 35.7 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#16

Acetone

Concen: 101.578 ug/l

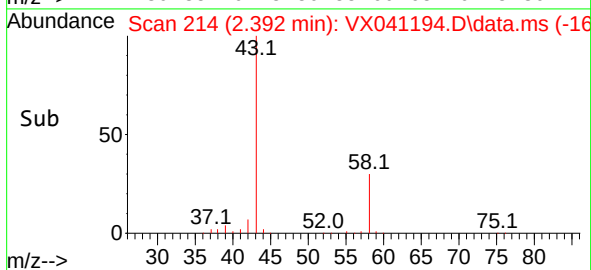
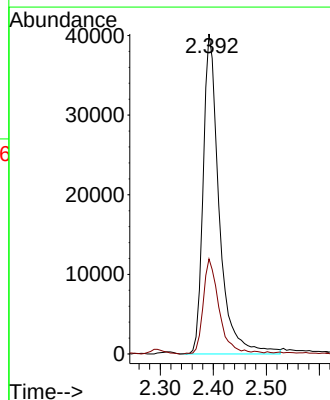
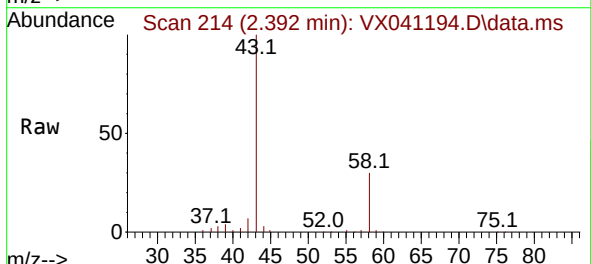
RT: 2.392 min Scan# 214

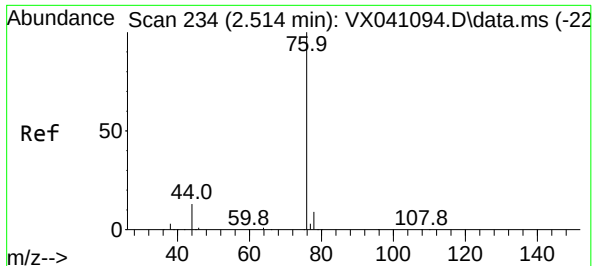
Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion: 43 Resp: 84560
 Ion Ratio Lower Upper
 43 100
 58 29.7 21.9 32.9





#17

Carbon Disulfide

Concen: 17.133 ug/l

RT: 2.496 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 76 Resp: 6266

Ion Ratio Lower Upper

76 100

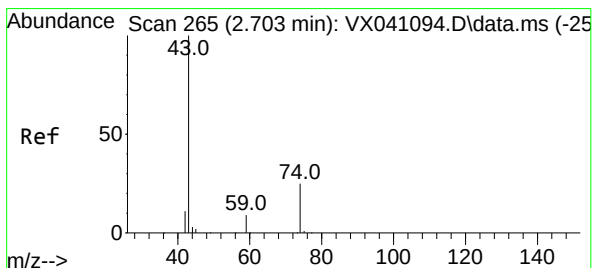
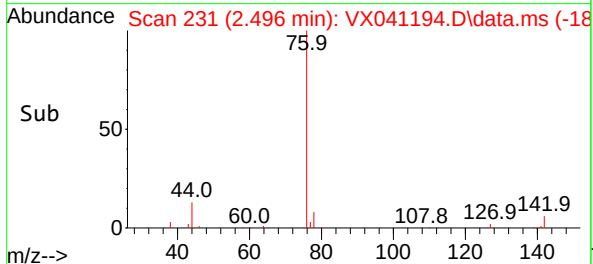
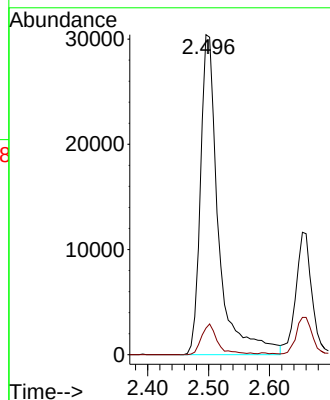
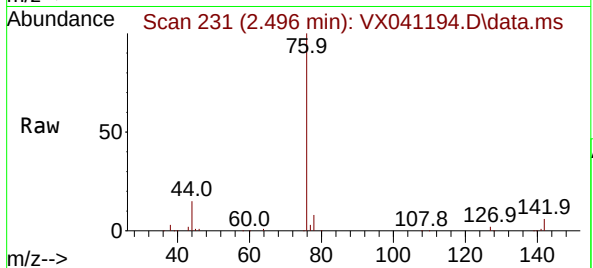
78 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#18

Methyl Acetate

Concen: 19.906 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041194.D

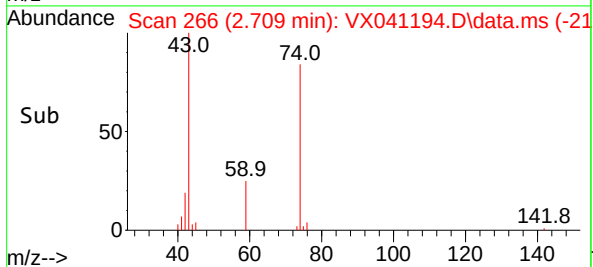
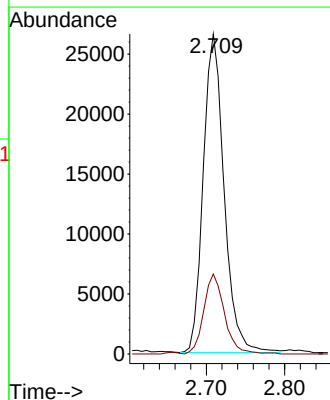
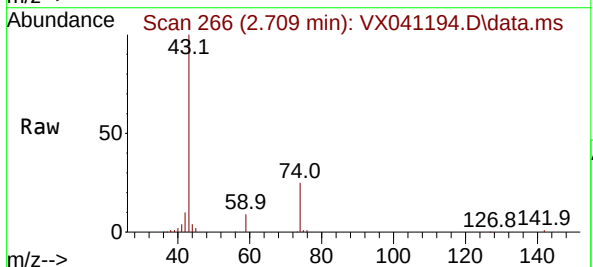
Acq: 22 Apr 2024 16:57

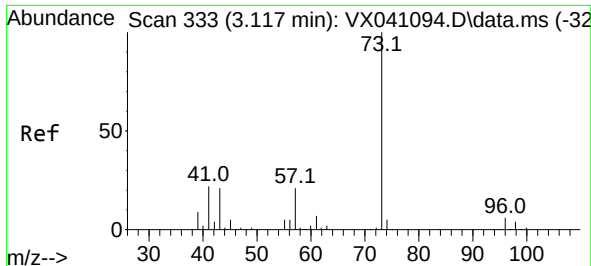
Tgt Ion: 43 Resp: 49019

Ion Ratio Lower Upper

43 100

74 24.9 17.8 26.8





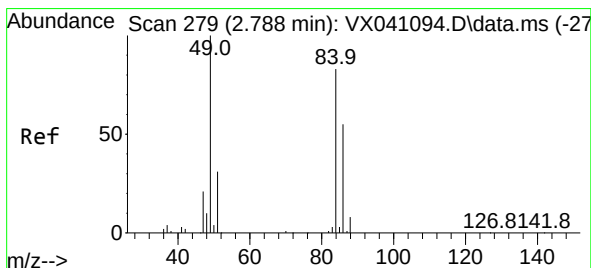
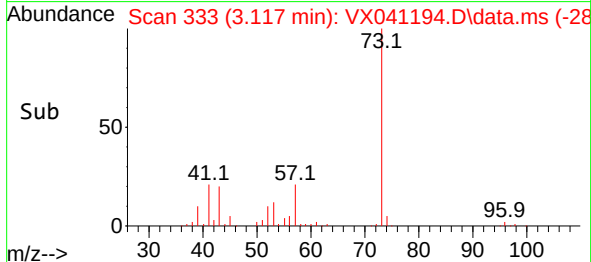
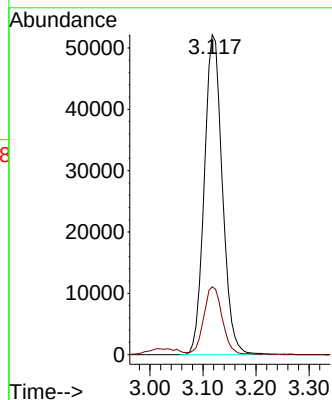
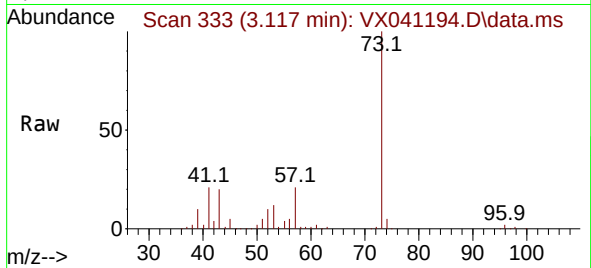
#19
Methyl tert-butyl Ether
Concen: 19.726 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 73 Resp: 12347
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

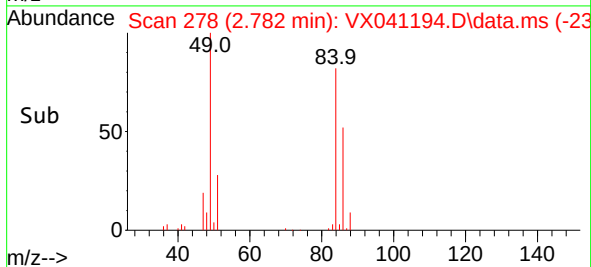
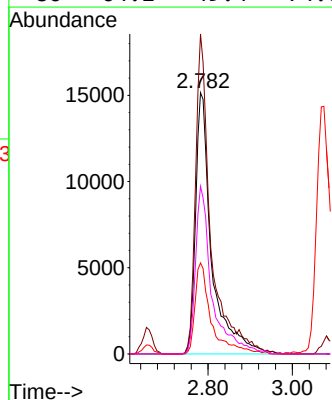
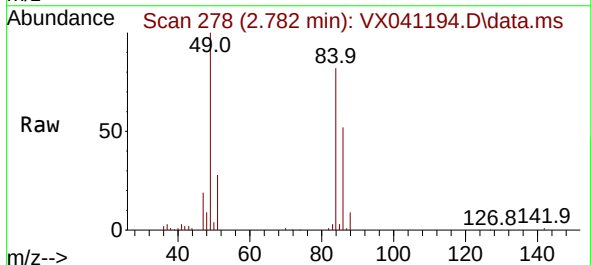
Manual Integrations
APPROVED

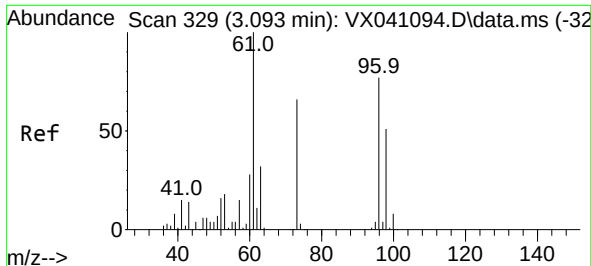
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 19.837 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

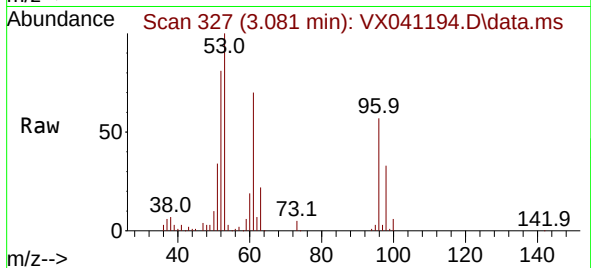
Tgt Ion: 84 Resp: 40330
Ion Ratio Lower Upper
84 100
49 122.4 103.6 155.4
51 34.8 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.010 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

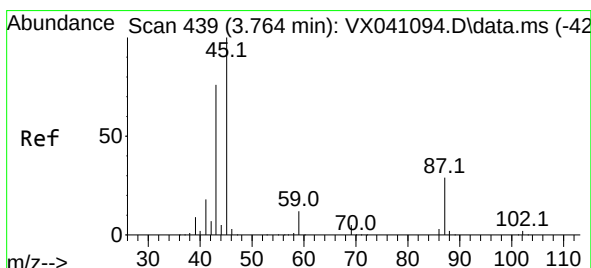
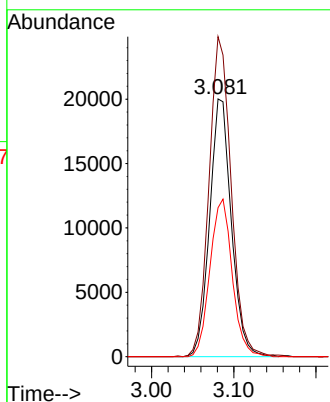
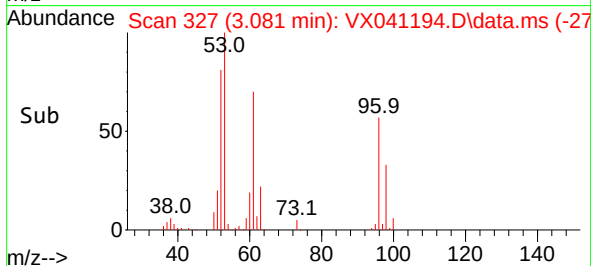
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion: 96 Resp: 3678
Ion Ratio Lower Upper
96 100
61 123.8 119.2 178.8
98 57.8 48.7 73.1

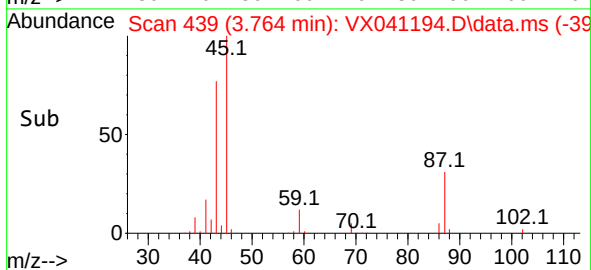
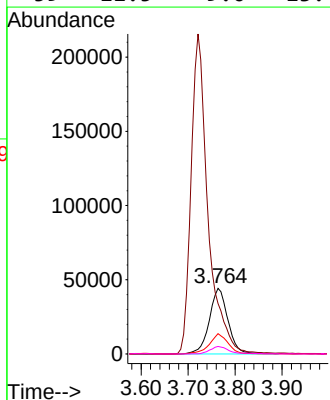
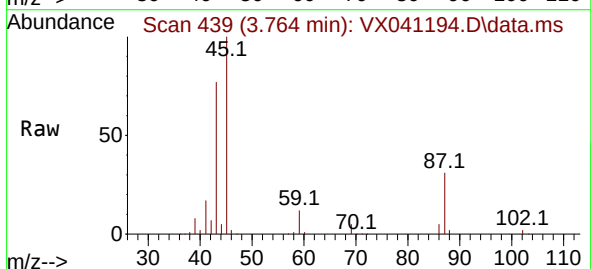
Manual Integrations
APPROVED

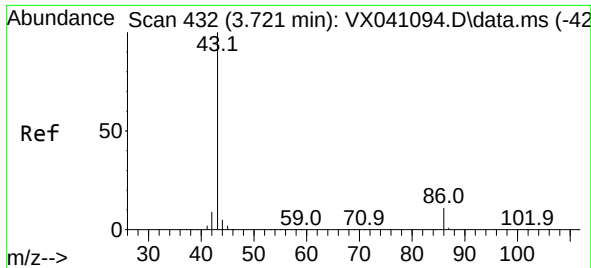
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#22
Diisopropyl ether
Concen: 19.763 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 45 Resp: 121536
Ion Ratio Lower Upper
45 100
43 75.8 69.7 104.5
87 31.1 20.8 31.2
59 11.5 9.0 13.4





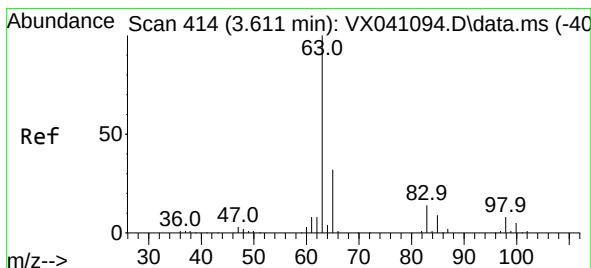
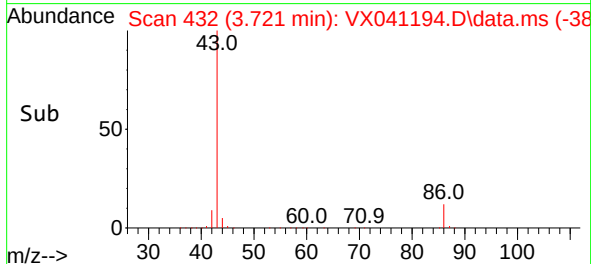
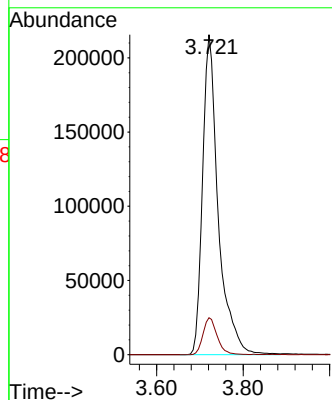
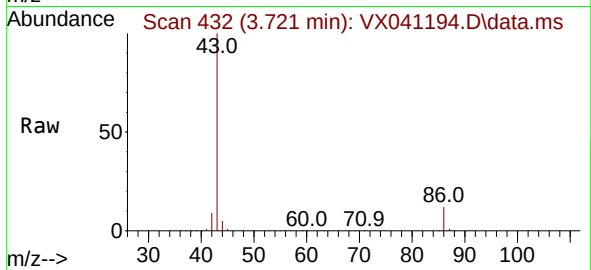
#23
 Vinyl Acetate
 Concen: 102.944 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tgt Ion: 43 Resp: 54159
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

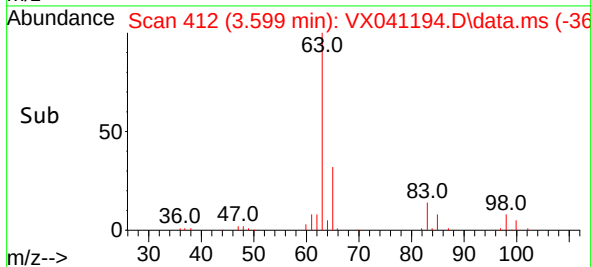
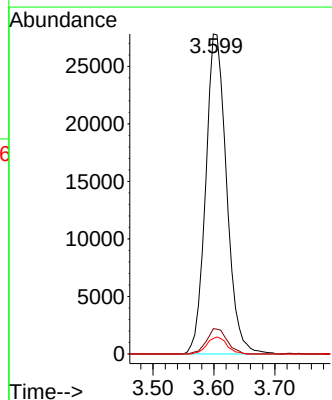
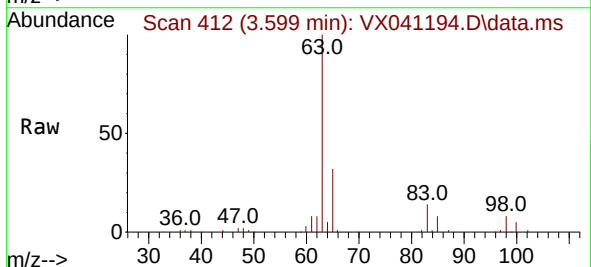
Manual Integrations
 APPROVED

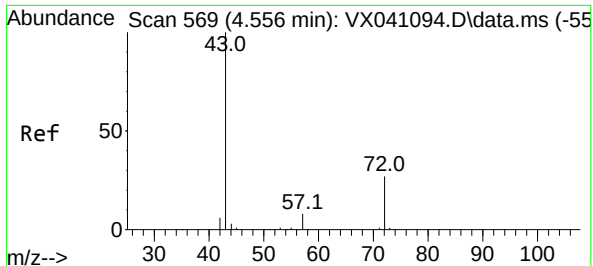
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#24
 1,1-Dichloroethane
 Concen: 19.263 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

Tgt Ion: 63 Resp: 66221
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.9 2.1 6.5





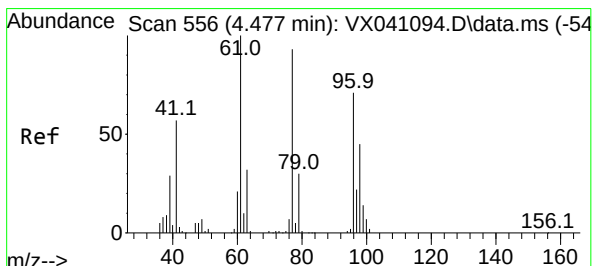
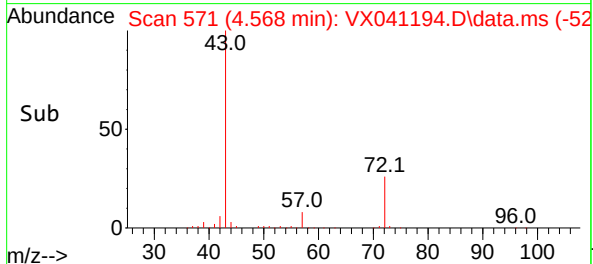
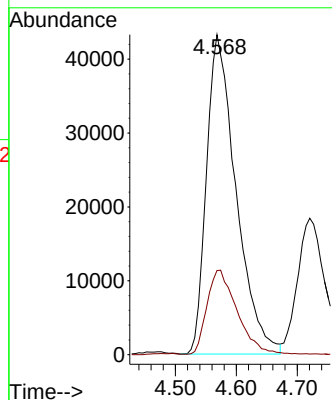
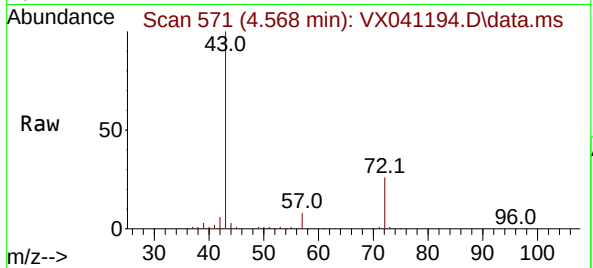
#25
2-Butanone
Concen: 102.374 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 43 Resp: 14554
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

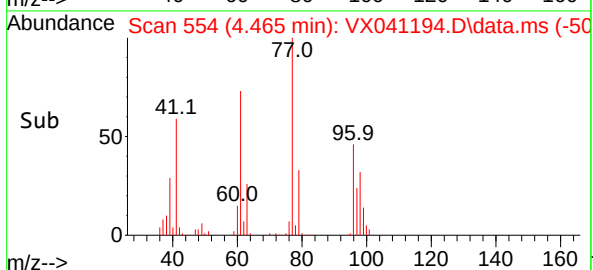
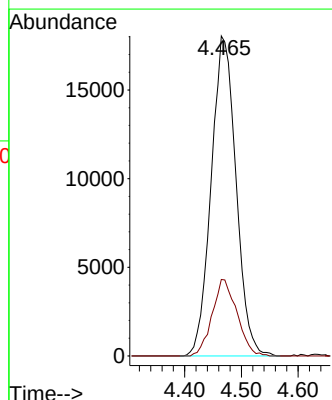
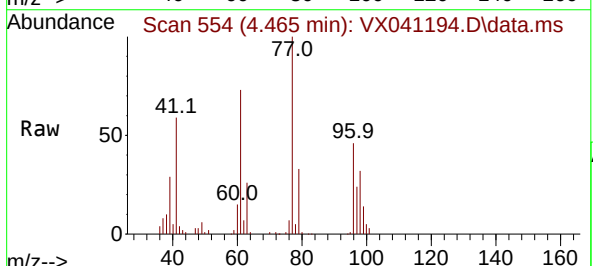
Manual Integrations
APPROVED

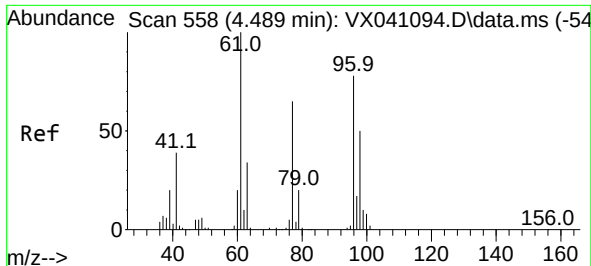
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#26
2,2-Dichloropropane
Concen: 18.882 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 77 Resp: 54859
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.020 ug/l

RT: 4.483 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

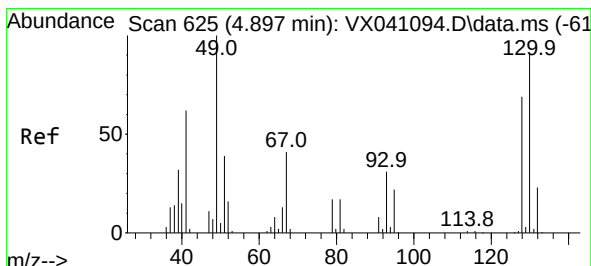
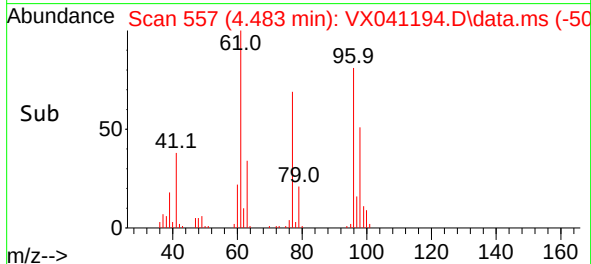
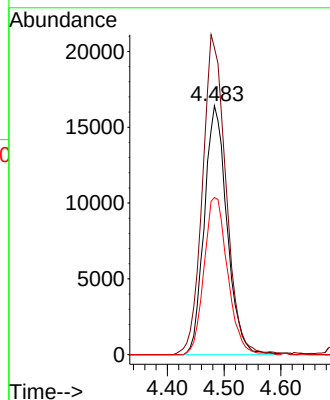
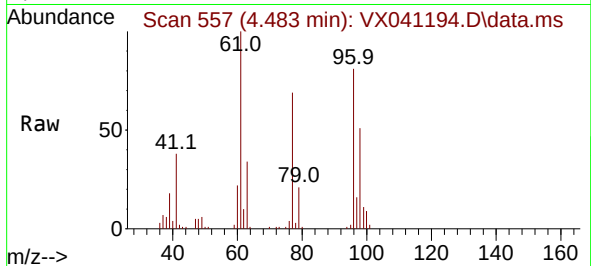
Tgt Ion:	96	Resp:	45614
Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	312.2
98	65.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 16.194 ug/l

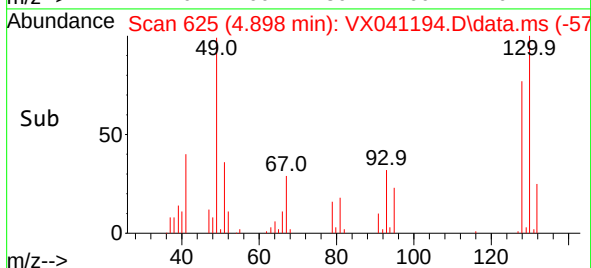
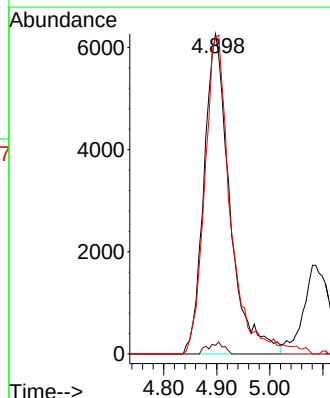
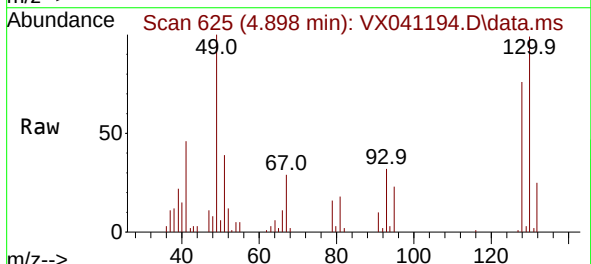
RT: 4.898 min Scan# 625

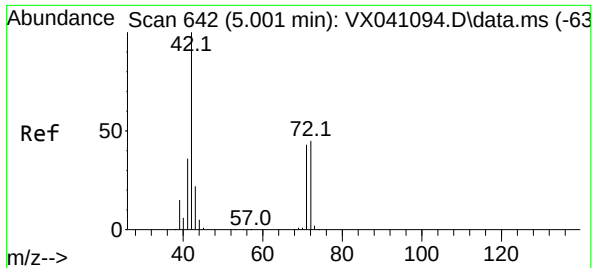
Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:	49	Resp:	21126
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	100.2	57.5	86.3#





#29

Tetrahydrofuran

Concen: 99.951 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 42 Resp: 96800

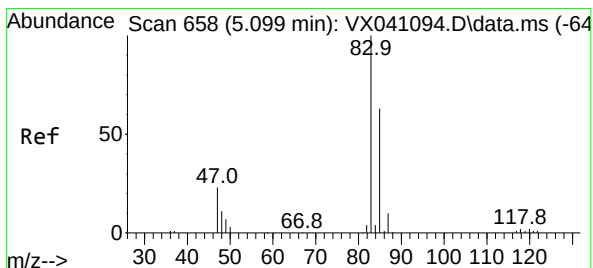
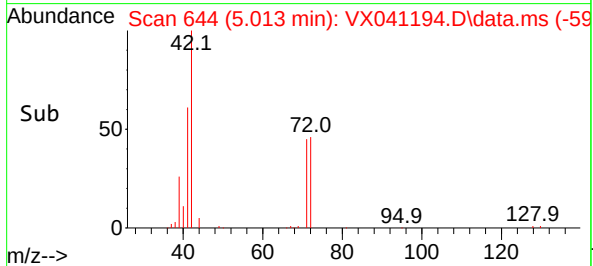
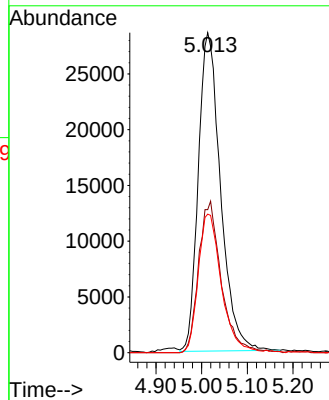
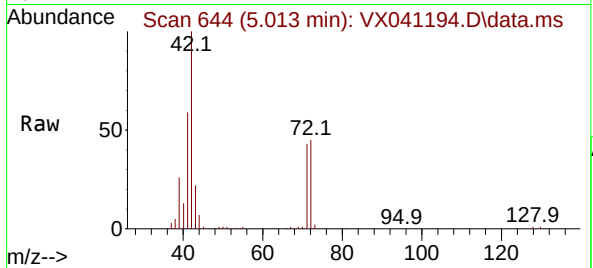
Ion	Ratio	Lower	Upper
42	100		
72	48.4	34.2	51.4
71	45.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 19.213 ug/l

RT: 5.087 min Scan# 656

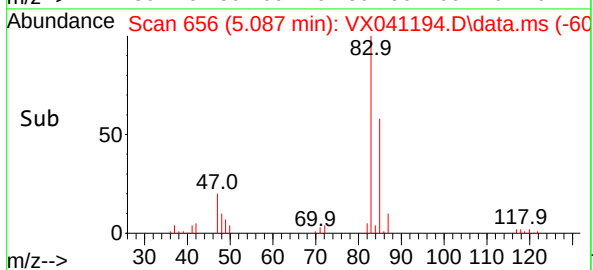
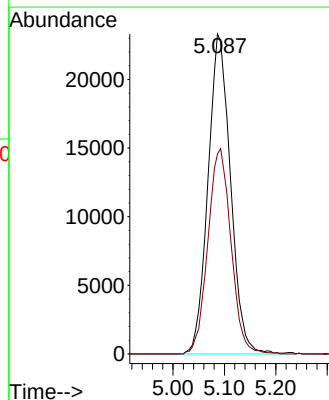
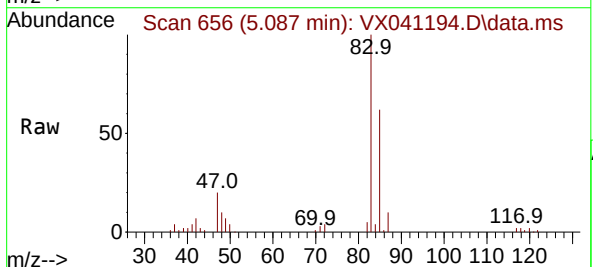
Delta R.T. -0.006 min

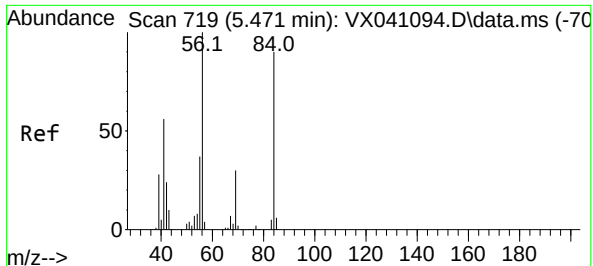
Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion: 83 Resp: 70890

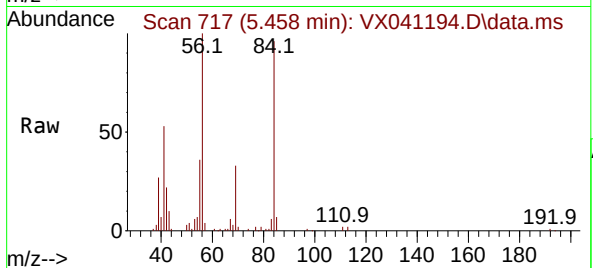
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.3	75.5





#31
Cyclohexane
Concen: 18.893 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

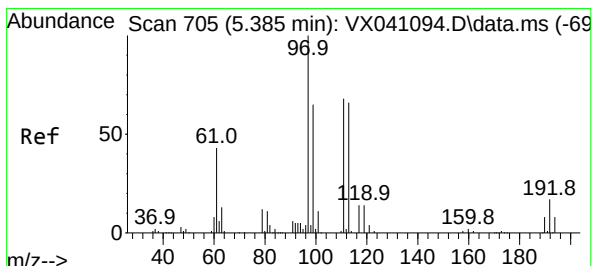
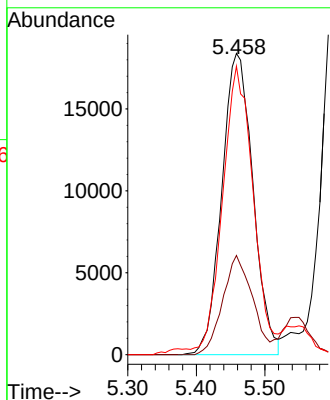
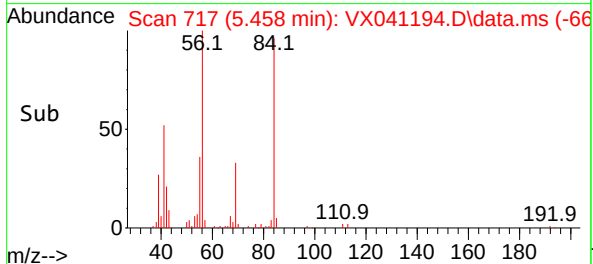
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion: 56 Resp: 58154
Ion Ratio Lower Upper
56 100
69 32.9 23.4 35.2
84 93.8 65.9 98.9

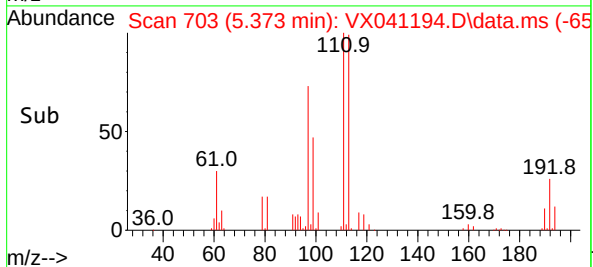
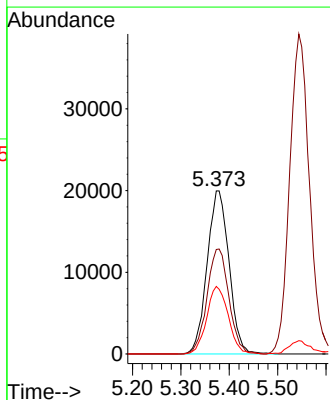
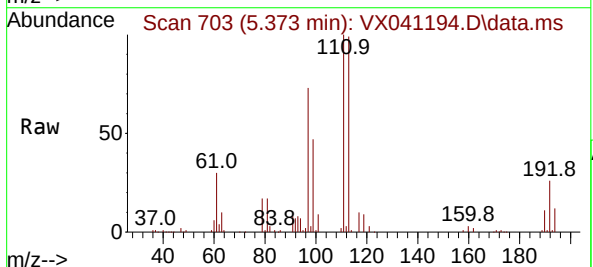
Manual Integrations
APPROVED

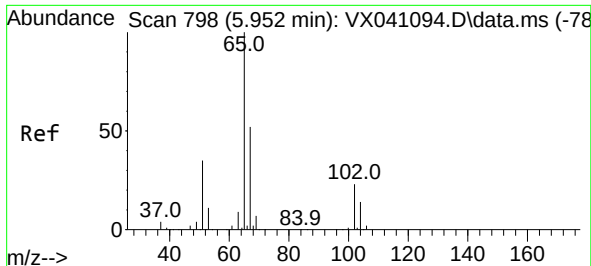
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 19.000 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 97 Resp: 62847
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.868 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 65 Resp: 107188

Ion Ratio Lower Upper

65 100

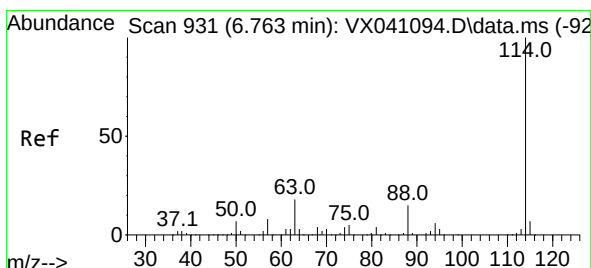
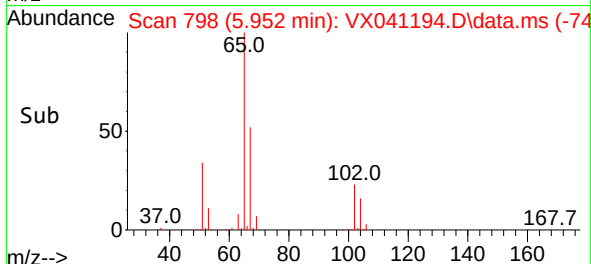
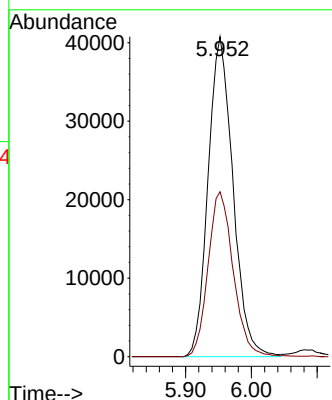
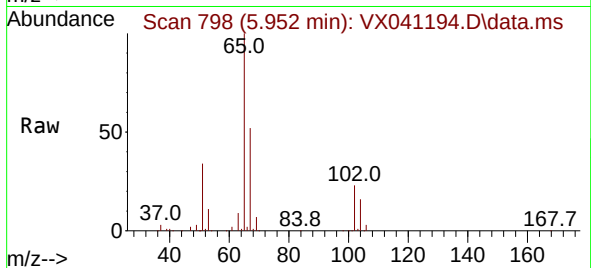
67 52.2 0.0 100.2

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: VX041194.D

Acq: 22 Apr 2024 16:57

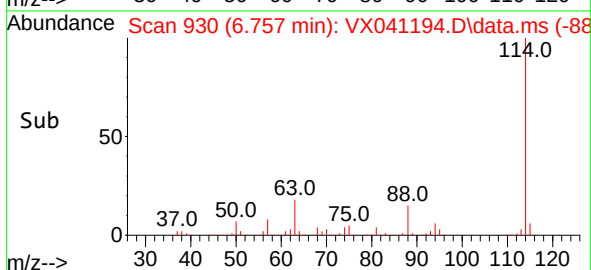
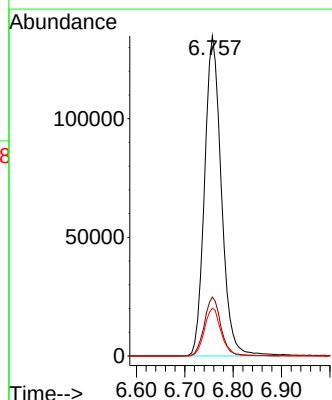
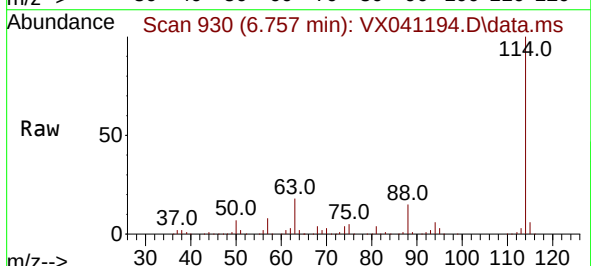
Tgt Ion:114 Resp: 326032

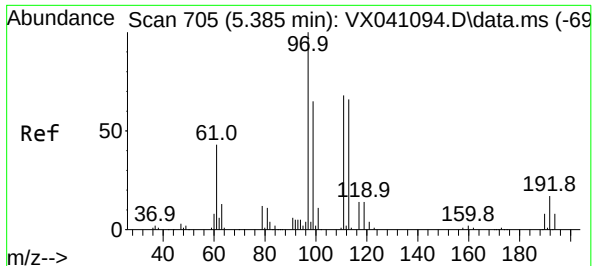
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

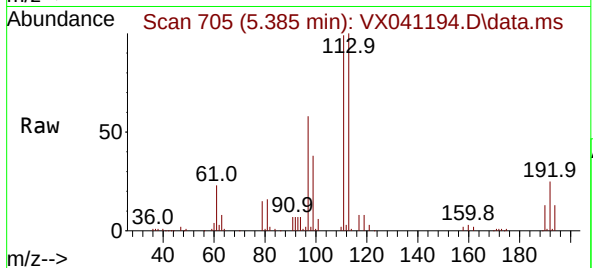
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.801 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

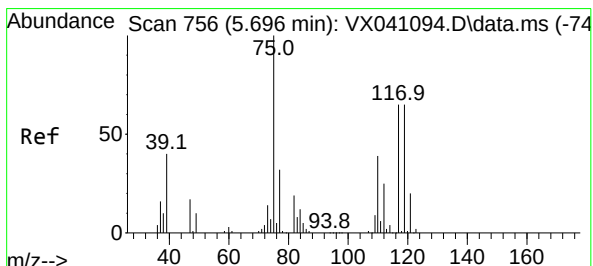
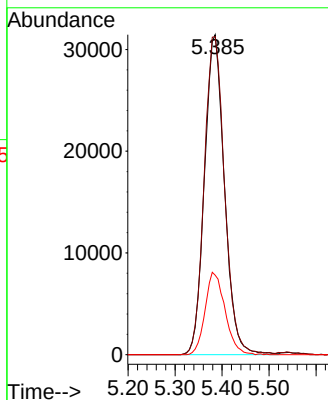
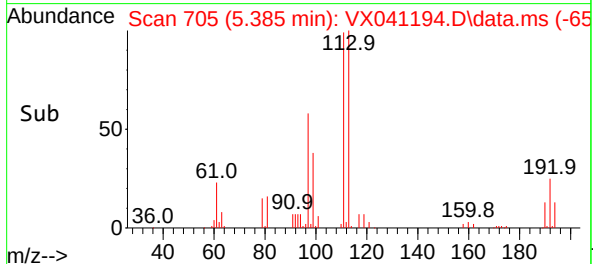
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion: 113 Resp: 9281
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.7 13.3 19.9

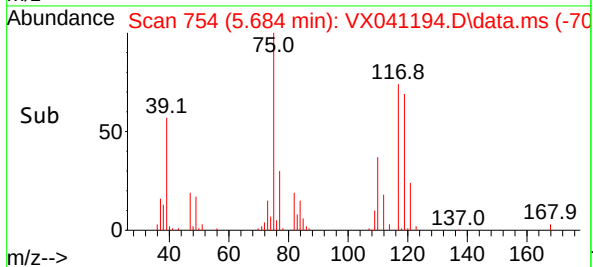
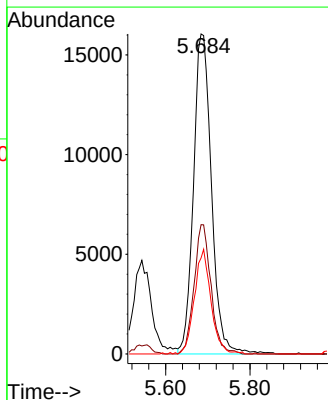
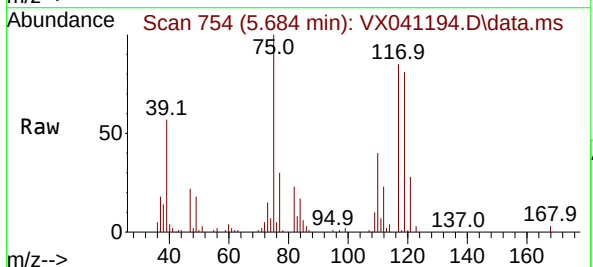
Manual Integrations
APPROVED

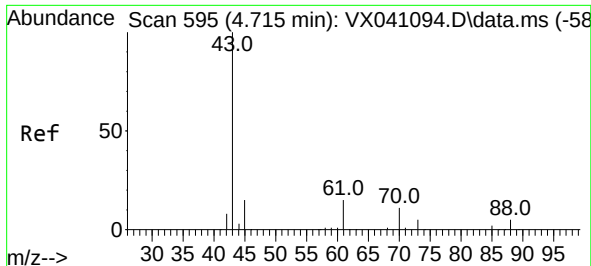
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#36
1,1-Dichloropropene
Concen: 18.783 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 75 Resp: 47662
Ion Ratio Lower Upper
75 100
110 38.0 17.0 50.9
77 30.2 24.7 37.1





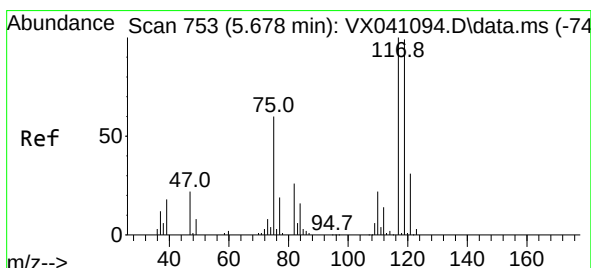
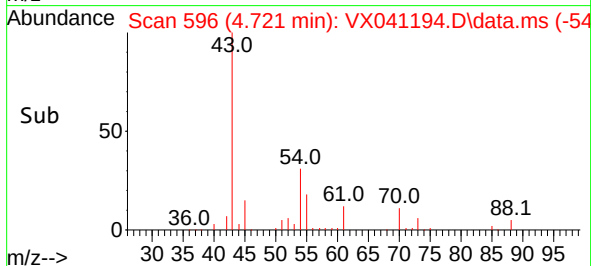
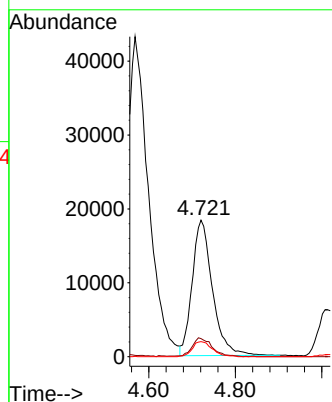
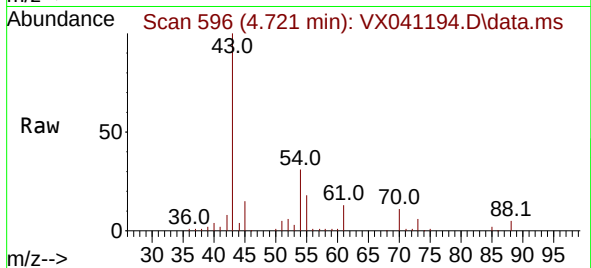
#37
Ethyl Acetate
Concen: 21.330 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 43 Resp: 59384
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 11.0 8.3 12.5

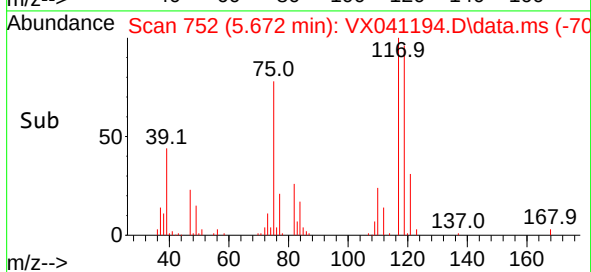
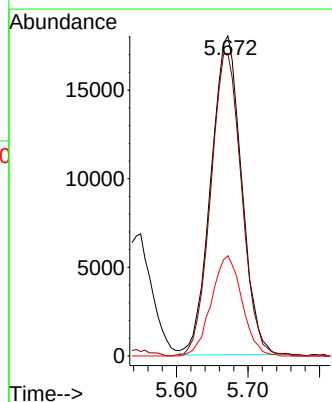
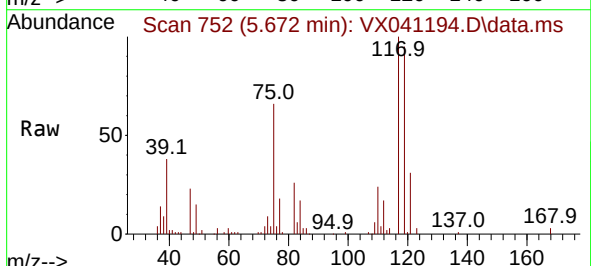
Manual Integrations
APPROVED

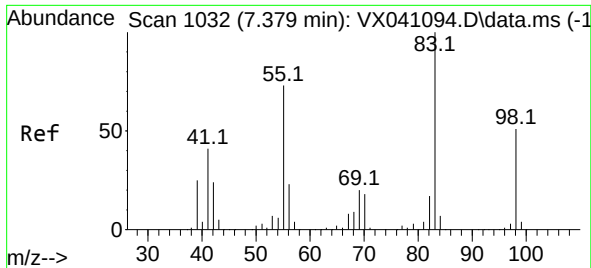
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#38
Carbon Tetrachloride
Concen: 18.879 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion:117 Resp: 53507
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 31.5 24.4 36.6





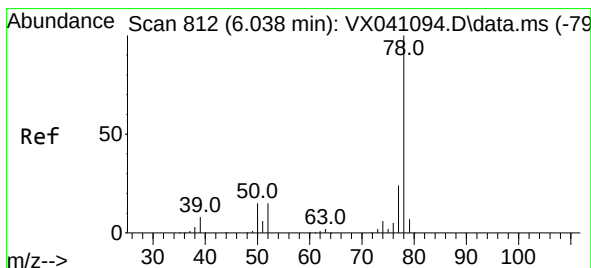
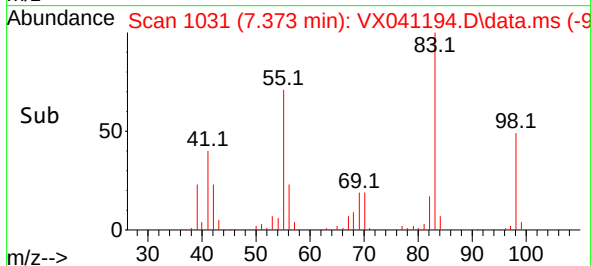
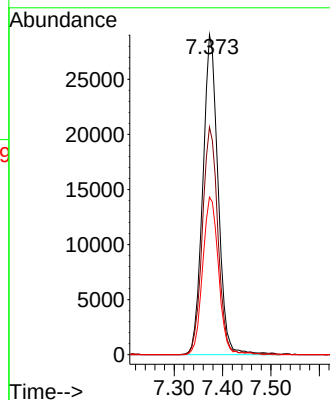
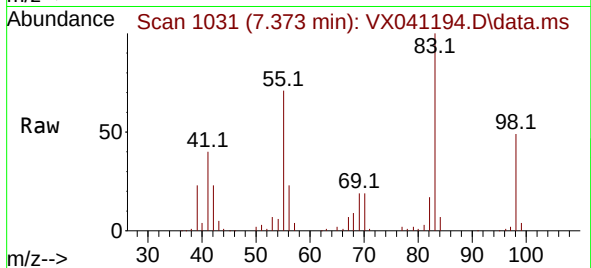
#39
Methylcyclohexane
Concen: 18.953 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 83 Resp: 6379
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 49.3 36.7 55.1

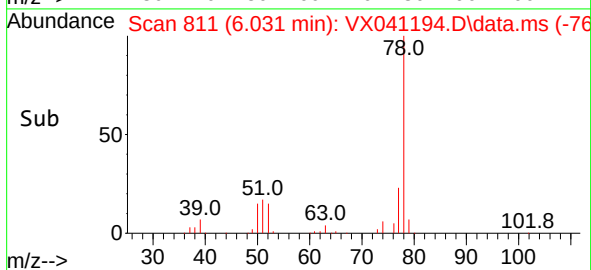
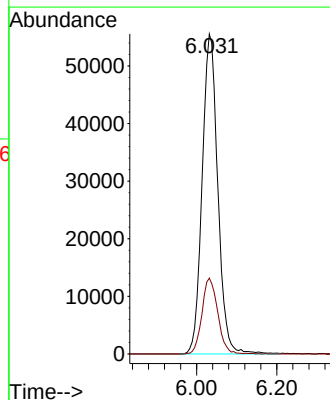
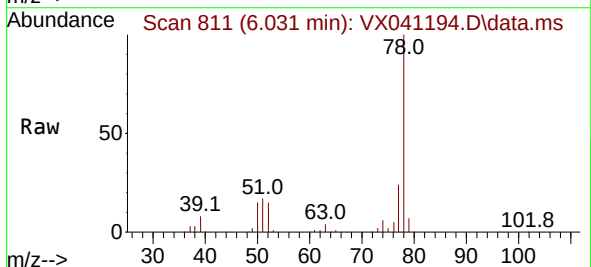
Manual Integrations
APPROVED

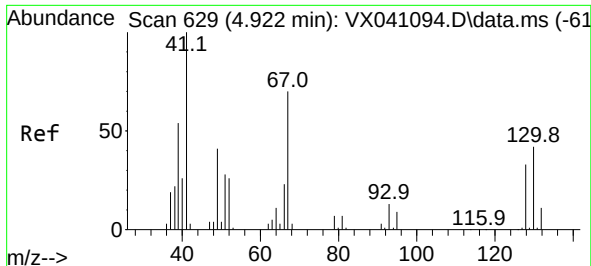
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#40
Benzene
Concen: 19.211 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

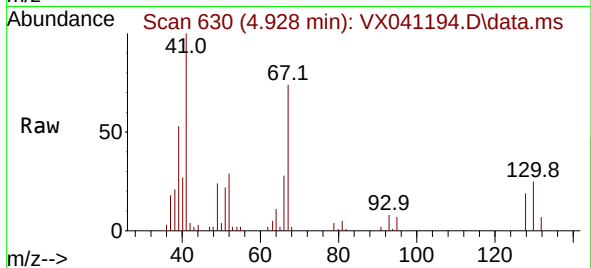
Tgt Ion: 78 Resp: 150557
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 21.022 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

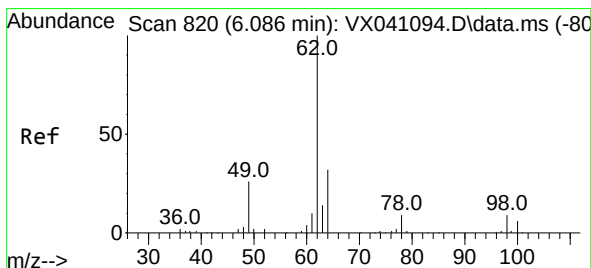
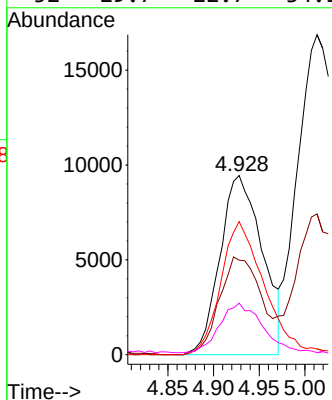
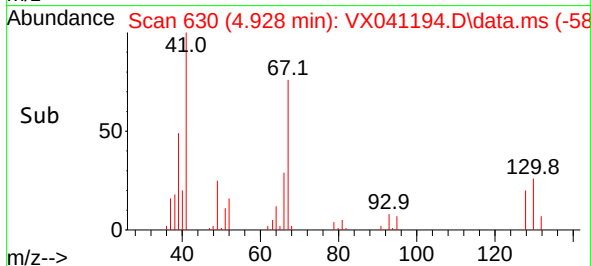
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion: 41 Resp: 30469
Ion Ratio Lower Upper
41 100
39 52.8 45.2 67.8
67 77.3 52.6 78.8
52 29.7 22.7 34.1

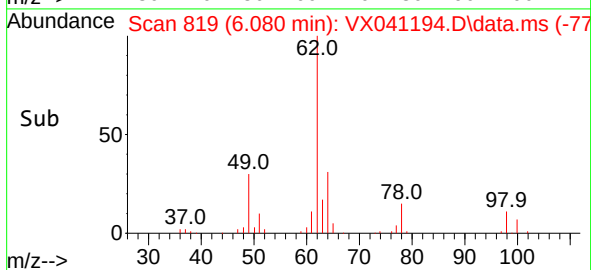
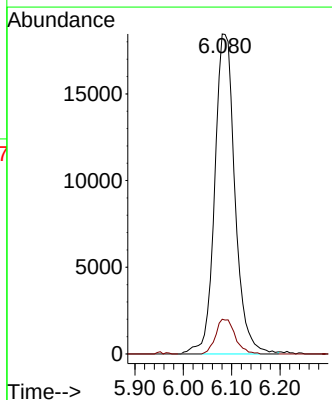
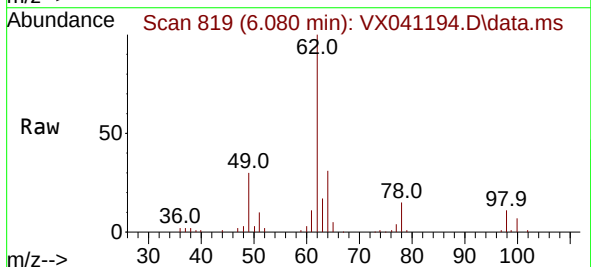
Manual Integrations
APPROVED

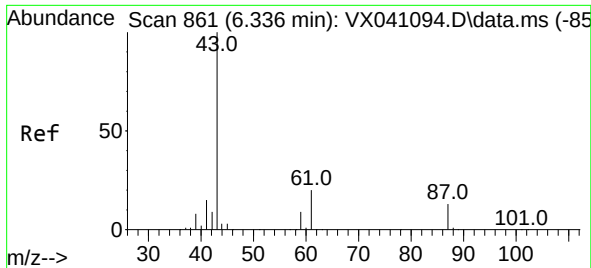
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 19.776 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 62 Resp: 53738
Ion Ratio Lower Upper
62 100
98 10.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.091 ug/l

RT: 6.342 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

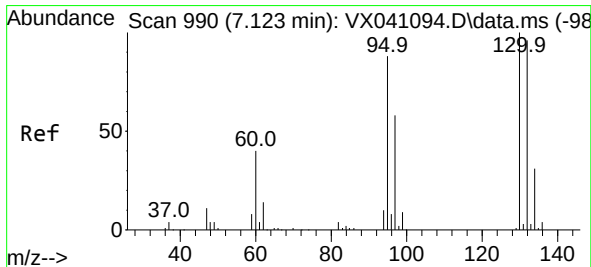
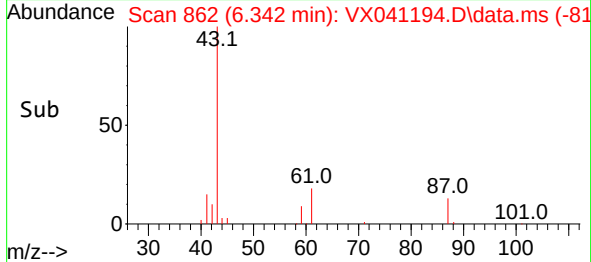
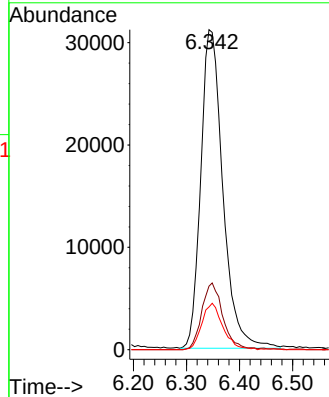
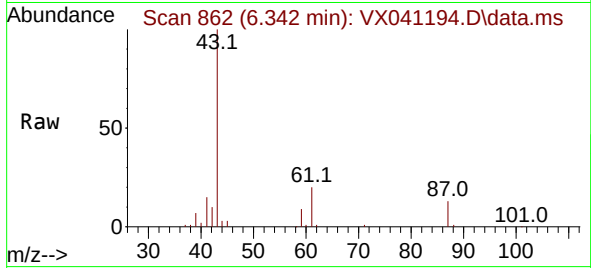
Tgt Ion: 43	Resp: 9010
Ion Ratio	Lower Upper
43 100	
61 20.0	15.2 22.8
87 13.9	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 18.917 ug/l

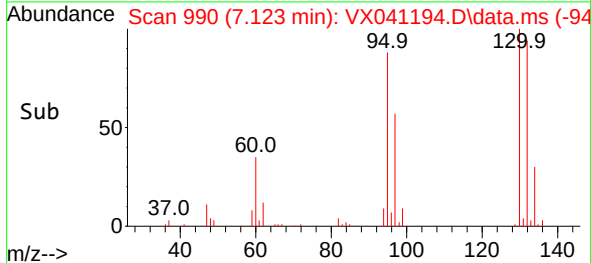
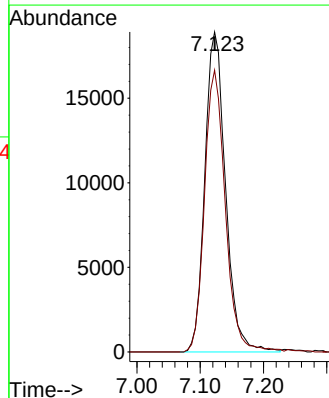
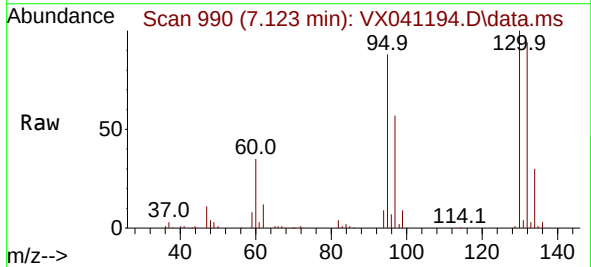
RT: 7.123 min Scan# 990

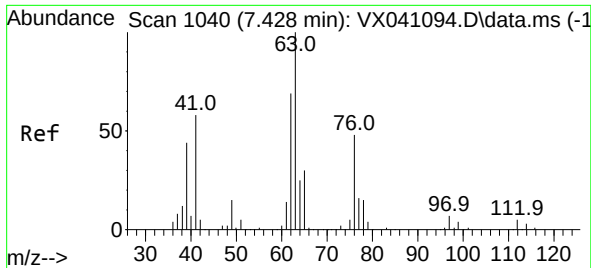
Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:130	Resp: 43101
Ion Ratio	Lower Upper
130 100	
95 88.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 63 Resp: 36400

Ion Ratio Lower Upper

63 100

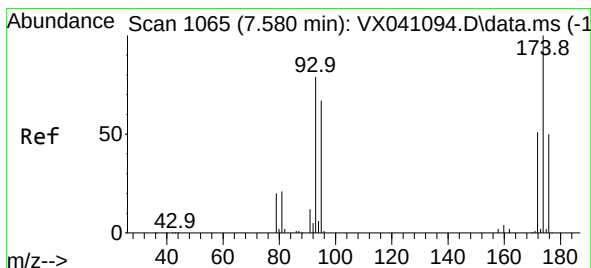
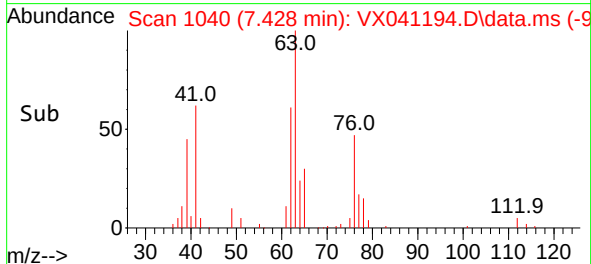
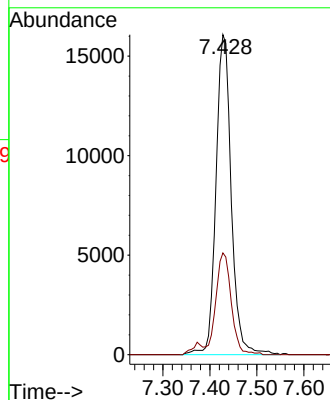
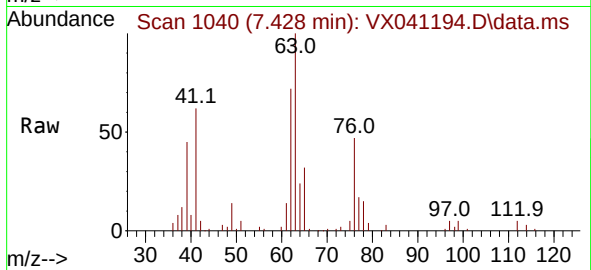
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 19.682 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

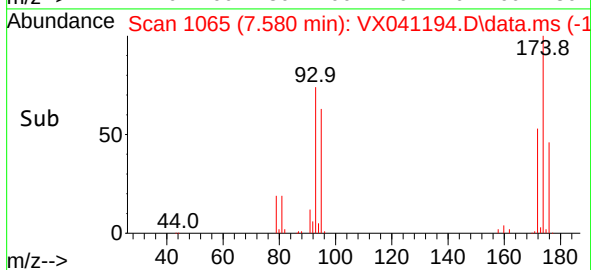
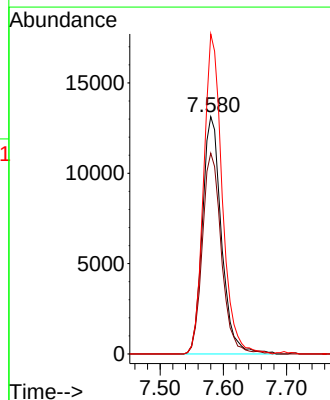
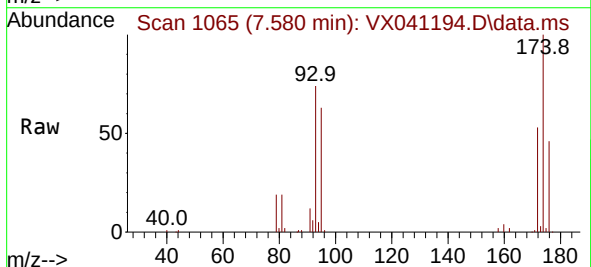
Tgt Ion: 93 Resp: 27577

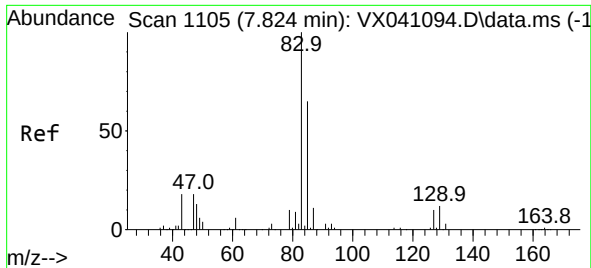
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

174 131.2 69.4 104.0#





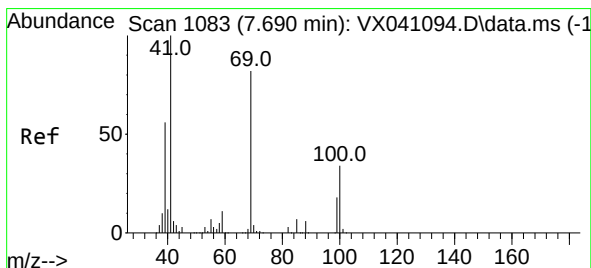
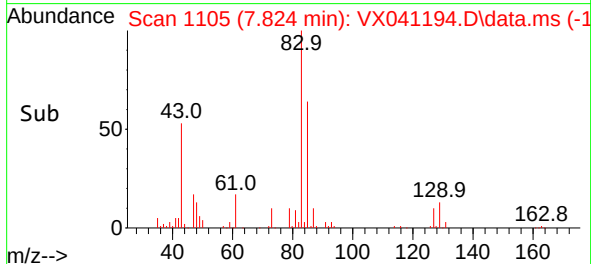
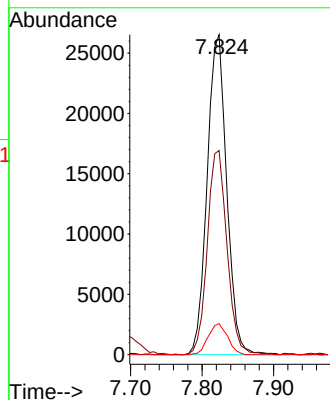
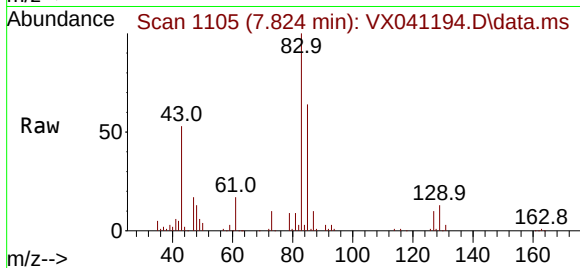
#47
Bromodichloromethane
Concen: 19.530 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 83 Resp: 5044
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 9.7 7.1 10.7

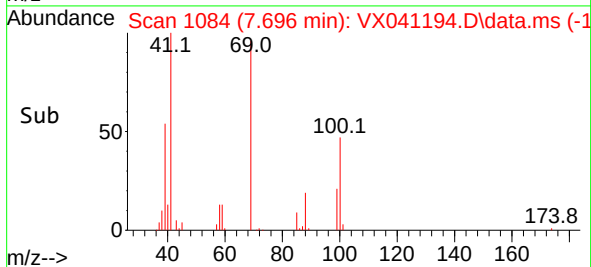
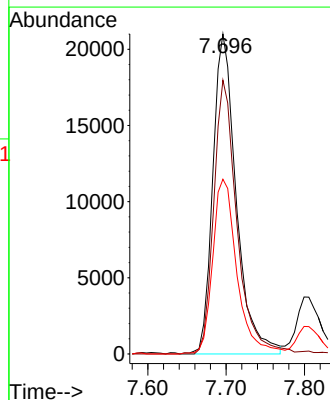
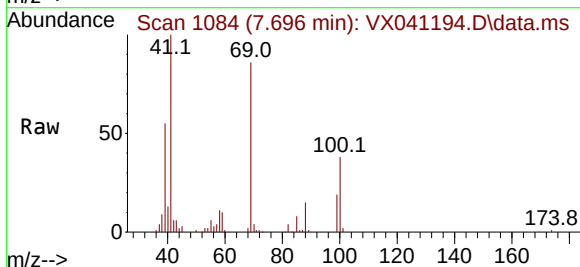
Manual Integrations
APPROVED

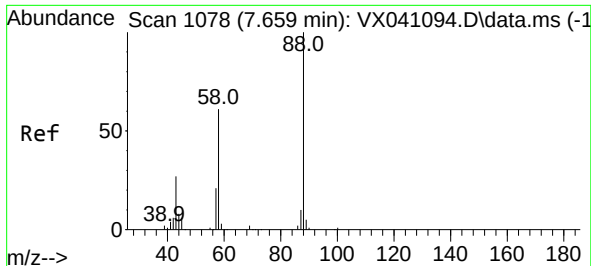
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 20.598 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 41 Resp: 43693
Ion Ratio Lower Upper
41 100
69 84.6 59.2 88.8
39 56.4 47.7 71.5





#49

1,4-Dioxane

Concen: 370.125 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 88 Resp: 1689

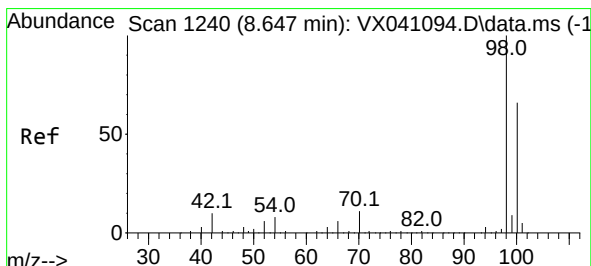
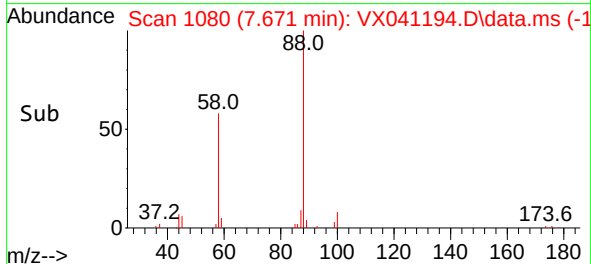
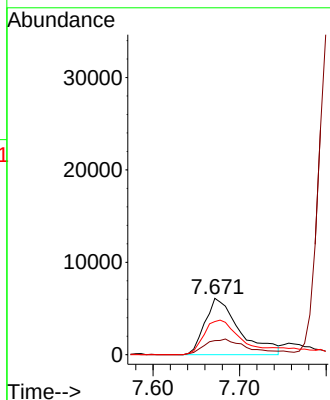
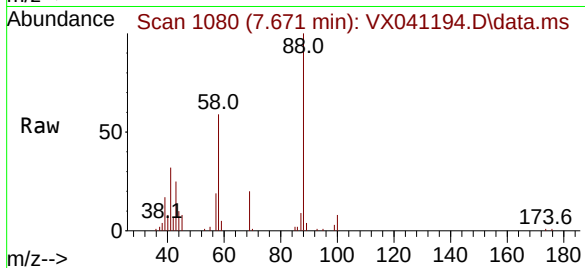
Ion	Ratio	Lower	Upper
88	100		
43	35.7	0.0	0.0
58	63.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#50

Toluene-d8

Concen: 48.146 ug/l

RT: 8.647 min Scan# 1240

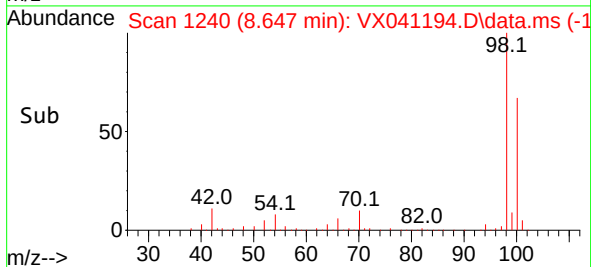
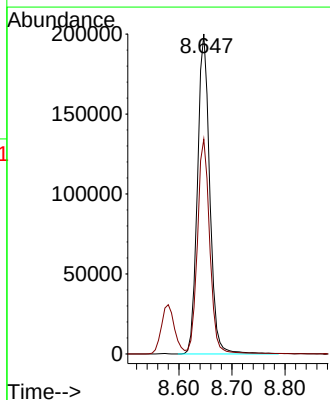
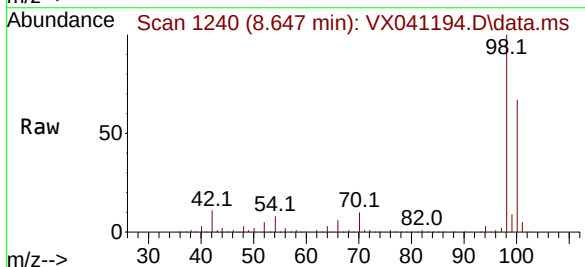
Delta R.T. 0.000 min

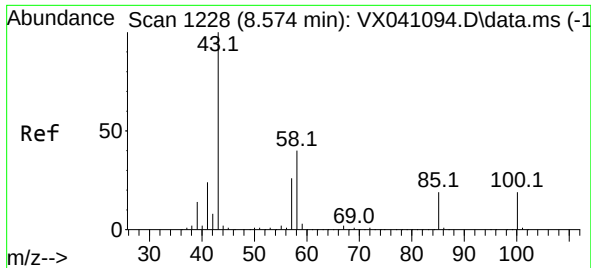
Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion: 98 Resp: 322152

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7





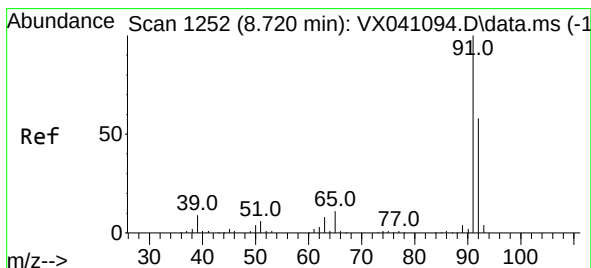
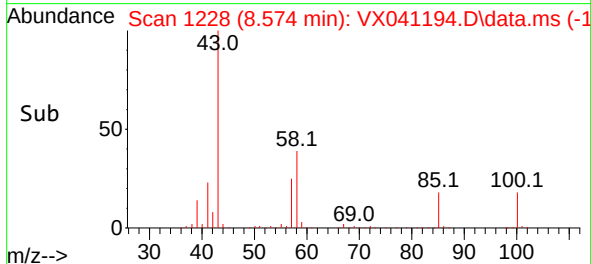
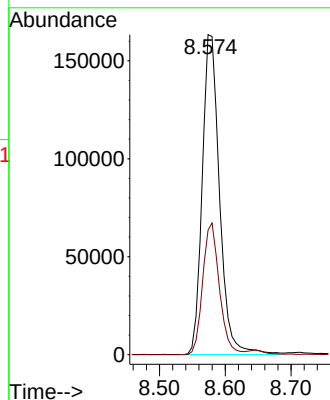
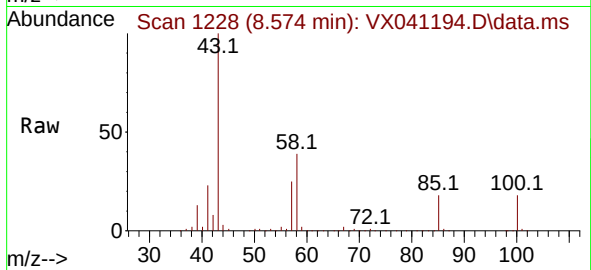
#51
4-Methyl-2-Pentanone
Concen: 106.603 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument : MSVOA_X
ClientSampleId : VX0422WBSD01

Tgt Ion: 43 Resp: 299250
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

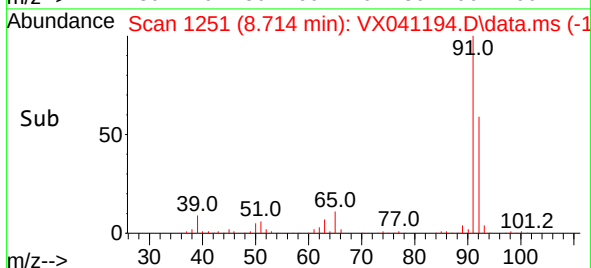
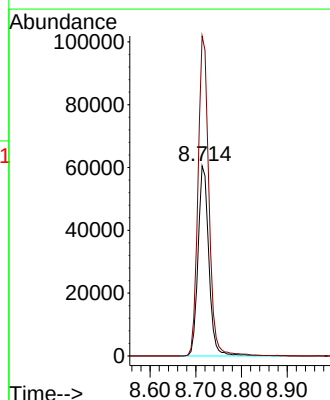
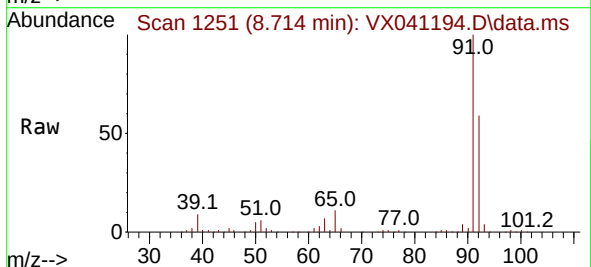
Manual Integrations
APPROVED

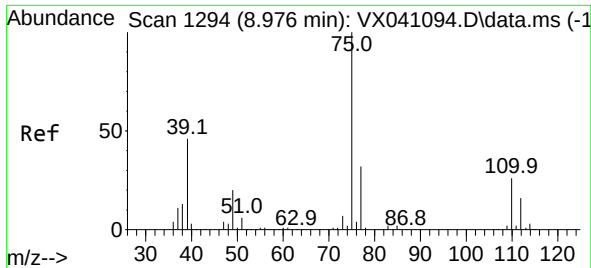
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 20.092 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 92 Resp: 99219
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2





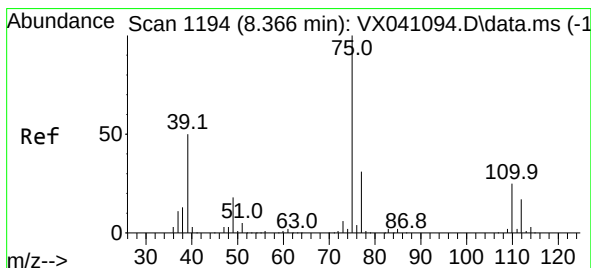
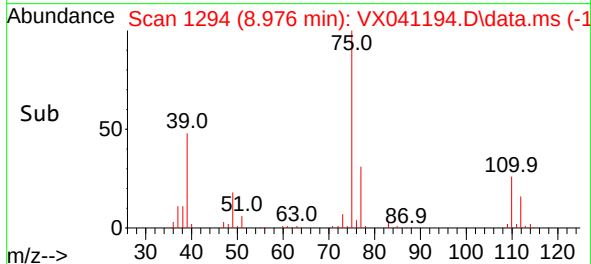
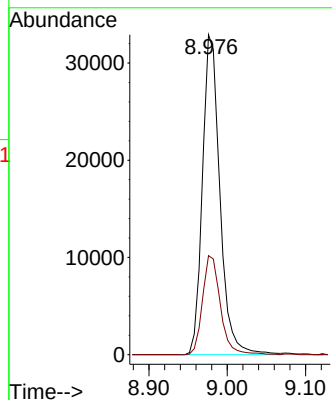
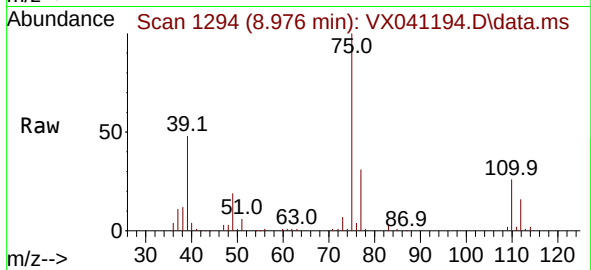
#53
 t-1,3-Dichloropropene
 Concen: 20.102 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tgt Ion: 75 Resp: 50924
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5

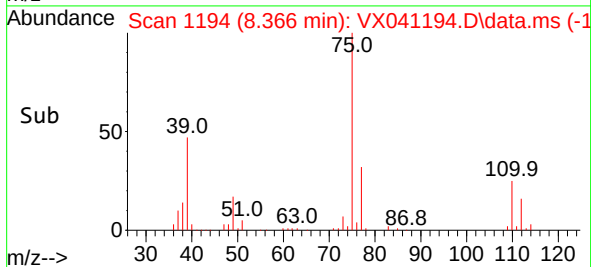
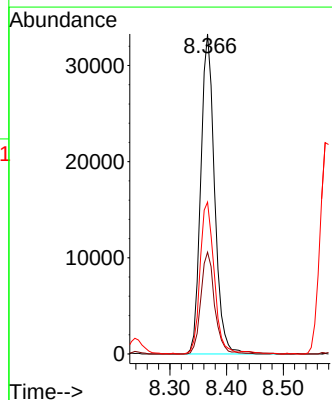
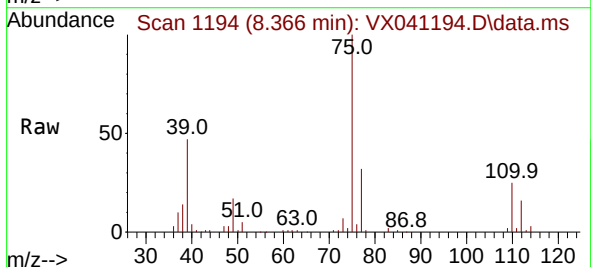
Manual Integrations
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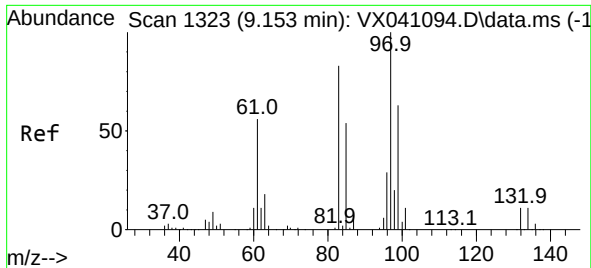
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.602 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

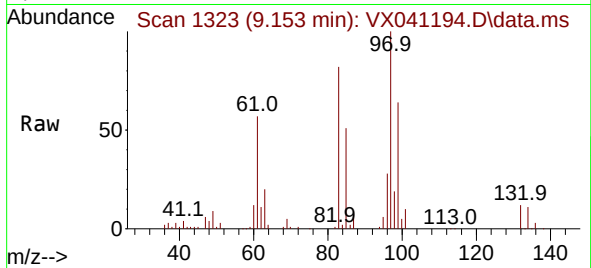
Tgt Ion: 75 Resp: 56452
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.833 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

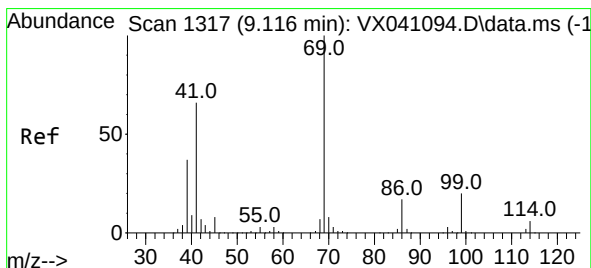
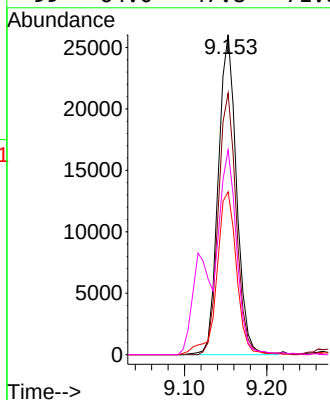
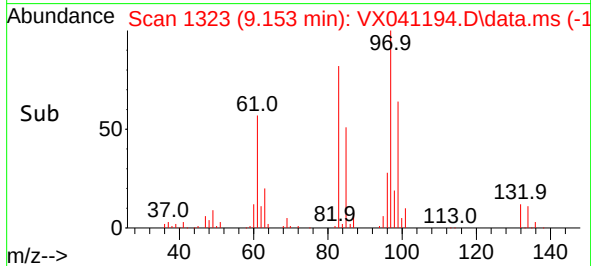
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.8	98.8
85	50.9	41.6	62.4
99	64.0	47.8	71.8

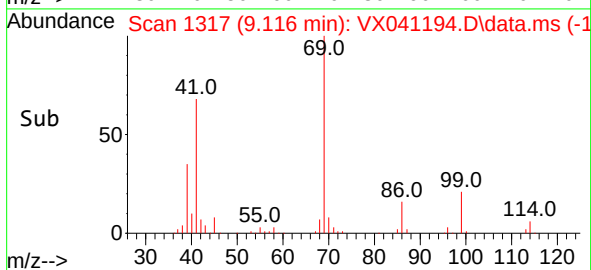
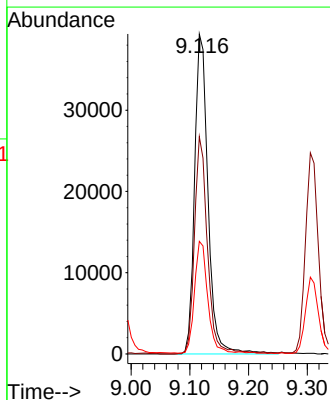
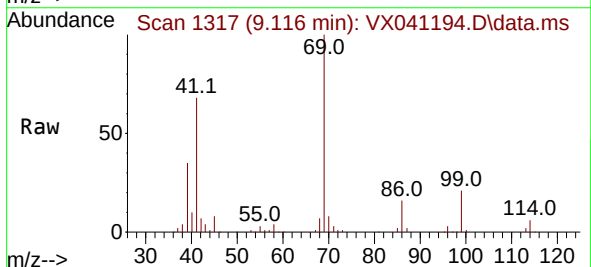
Manual Integrations
APPROVED

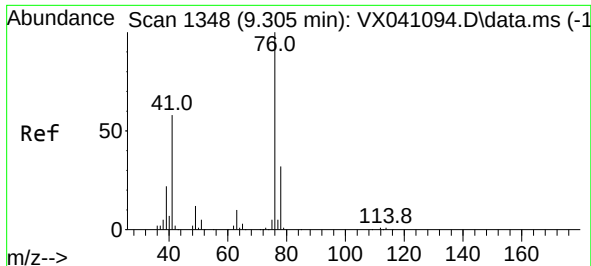
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#56
Ethyl methacrylate
Concen: 21.218 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	56.8	85.2
39	35.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.207 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 76 Resp: 64454

Ion Ratio Lower Upper

76 100

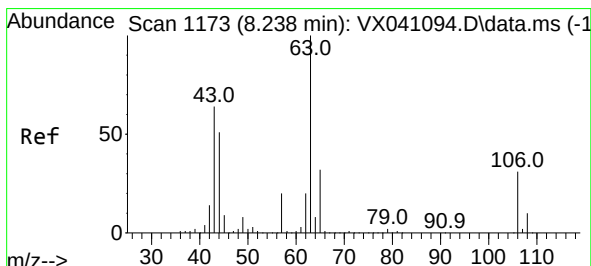
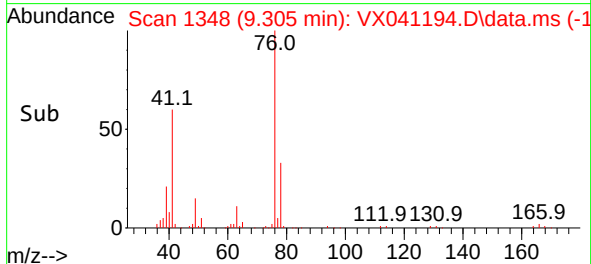
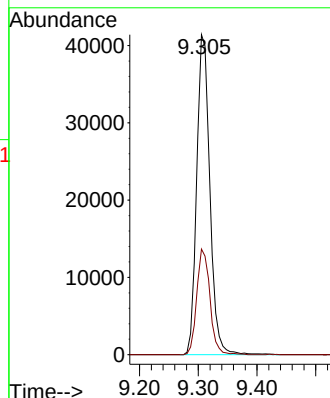
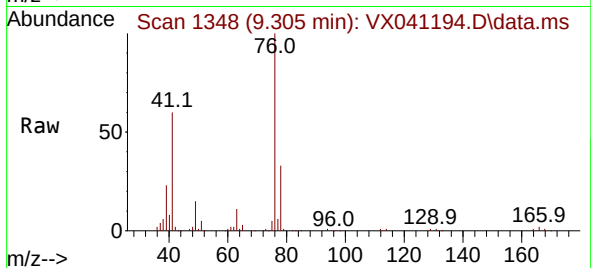
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.814 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041194.D

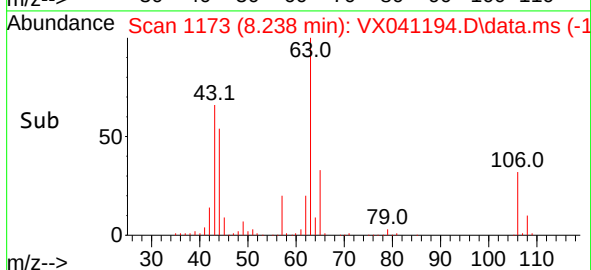
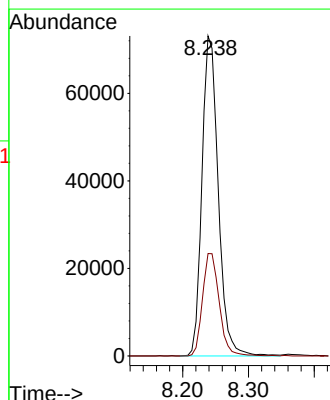
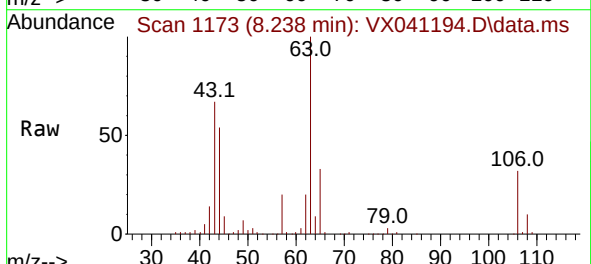
Acq: 22 Apr 2024 16:57

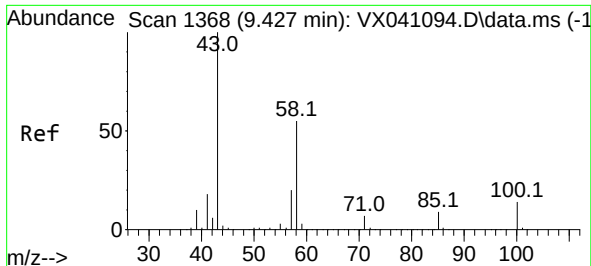
Tgt Ion: 63 Resp: 125899

Ion Ratio Lower Upper

63 100

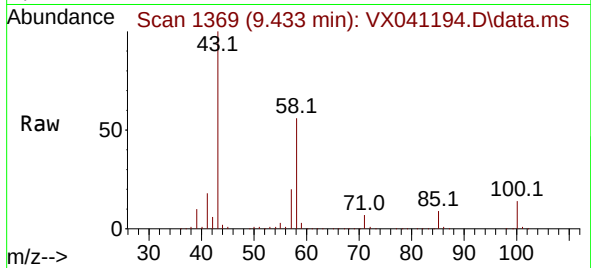
106 32.9 22.5 33.7





#59
2-Hexanone
Concen: 107.550 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

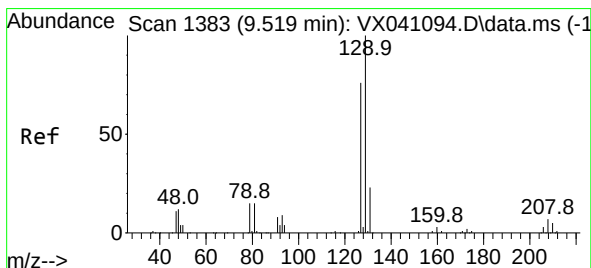
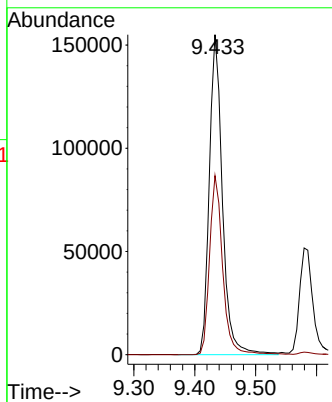
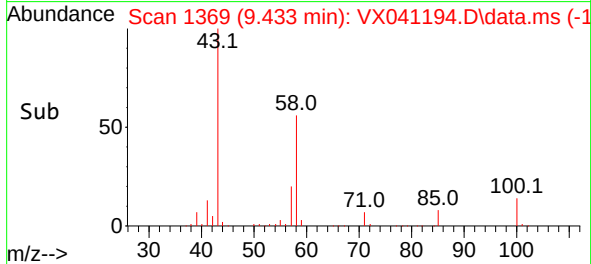
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion: 43 Resp: 231519
Ion Ratio Lower Upper
43 100
58 56.0 26.2 78.5

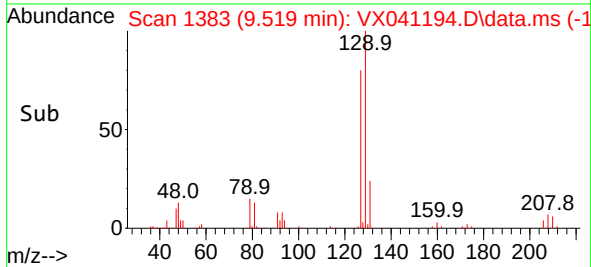
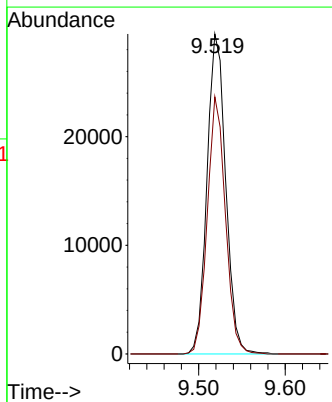
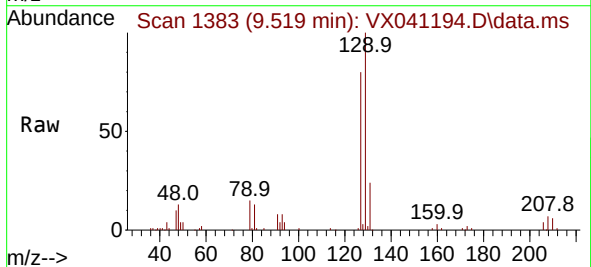
Manual Integrations
APPROVED

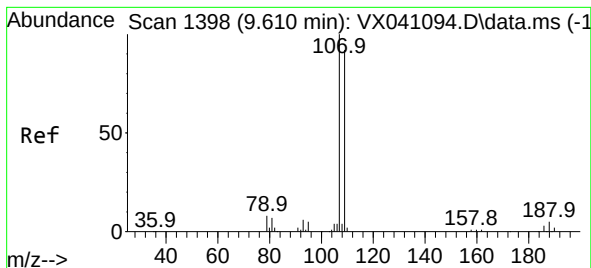
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#60
Dibromochloromethane
Concen: 19.847 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

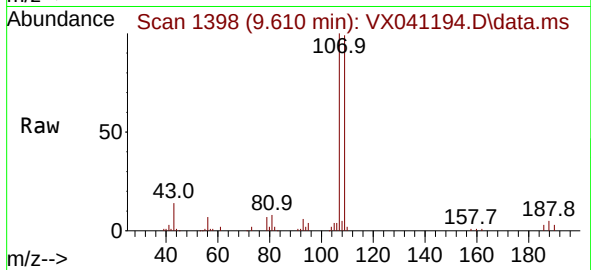
Tgt Ion:129 Resp: 44147
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.295 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

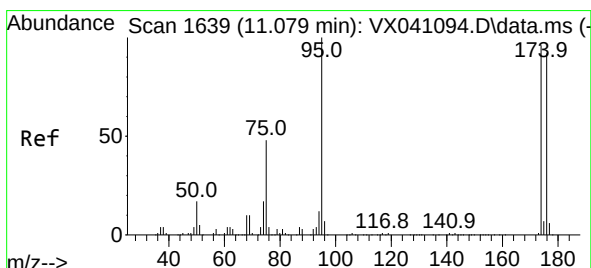
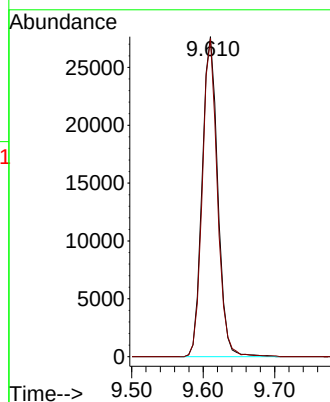
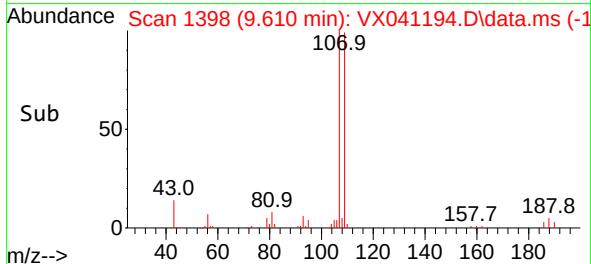
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



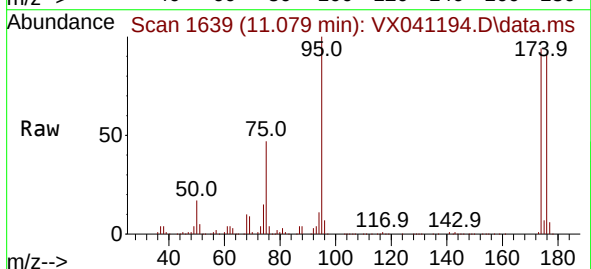
Tgt Ion:107 Resp: 4195
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

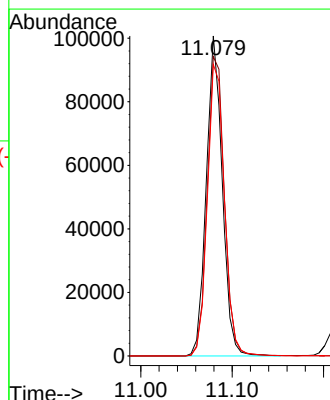
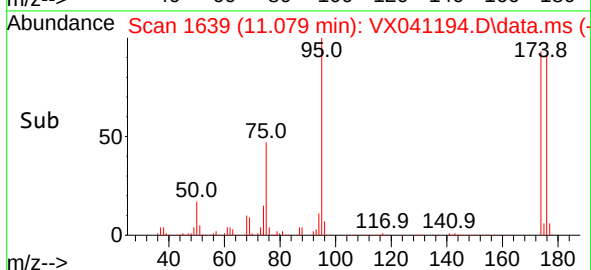
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

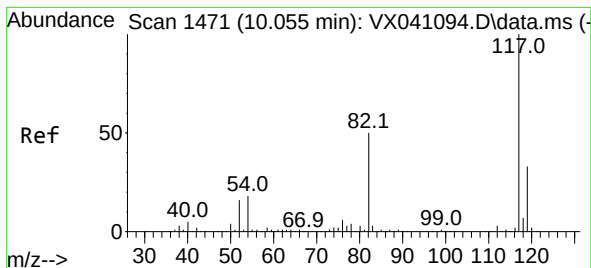


#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57



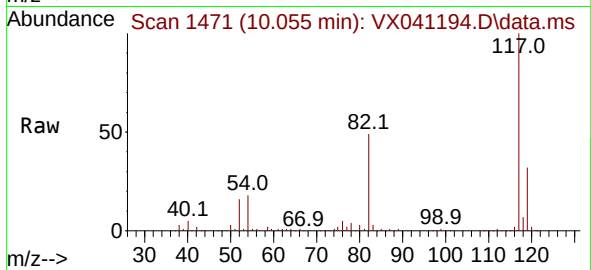
Tgt Ion: 95 Resp: 122324
Ion Ratio Lower Upper
95 100
174 100.9 0.0 135.6
176 97.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

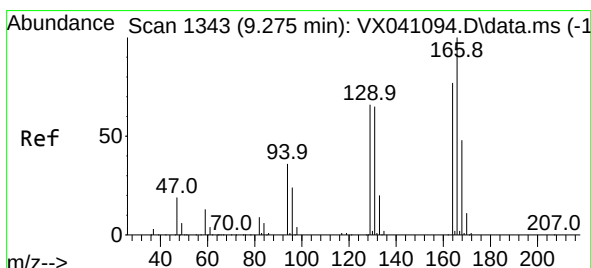
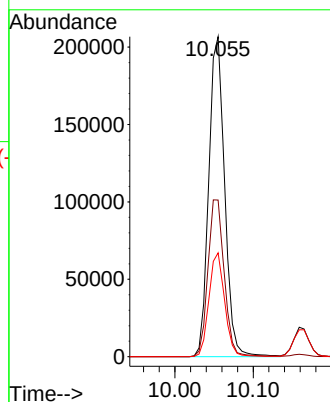
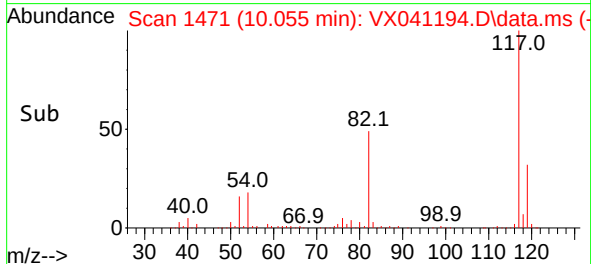
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion:117 Resp: 290750
Ion Ratio Lower Upper
117 100
82 48.9 46.2 69.4
119 32.5 25.5 38.3

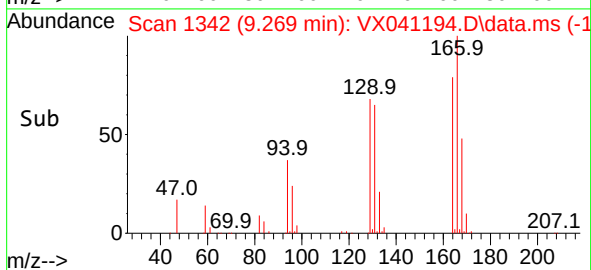
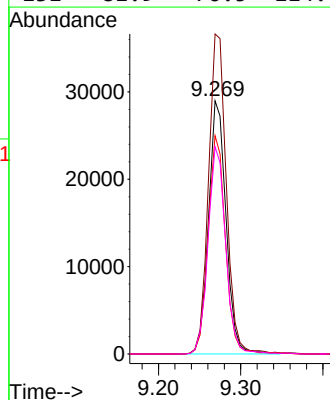
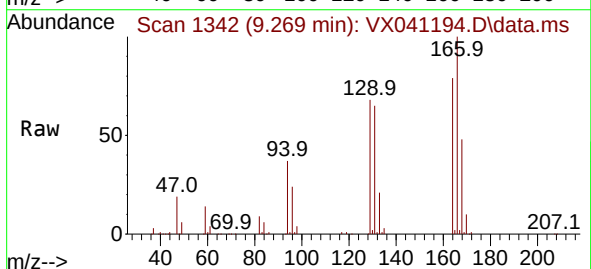
Manual Integrations
APPROVED

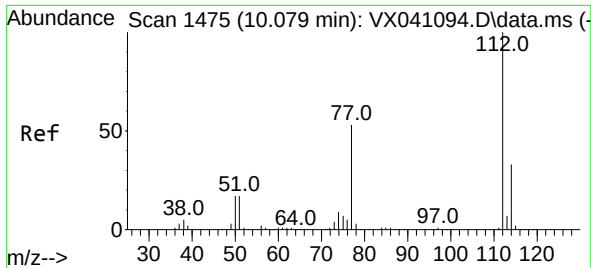
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#64
Tetrachloroethene
Concen: 19.272 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

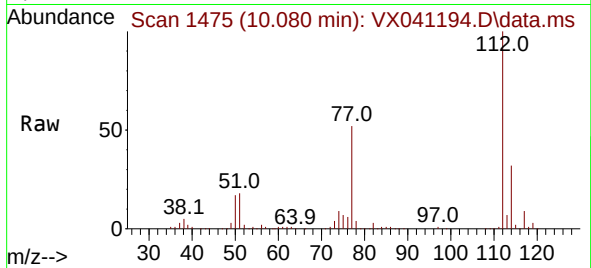
Tgt Ion:164 Resp: 42976
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 86.2 80.4 120.6
131 81.9 76.5 114.7





#65
Chlorobenzene
Concen: 19.403 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

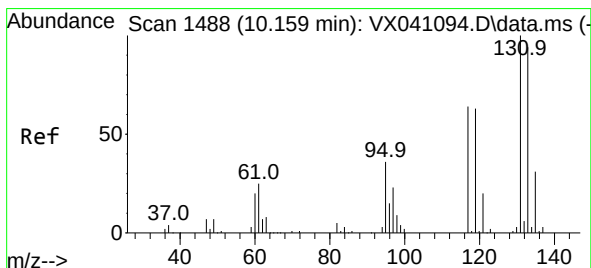
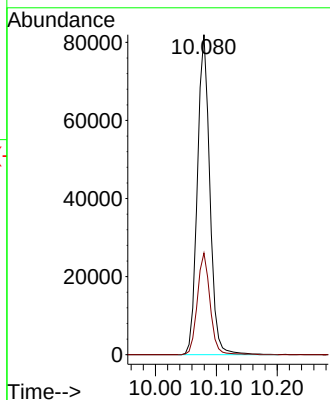
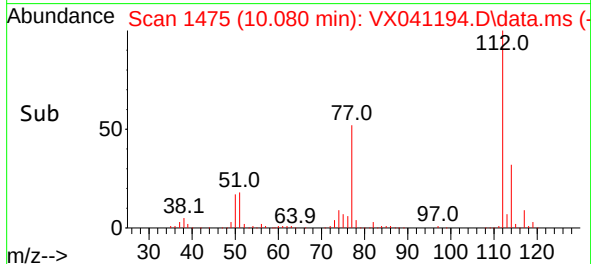
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



Tgt Ion:112 Resp: 116100
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

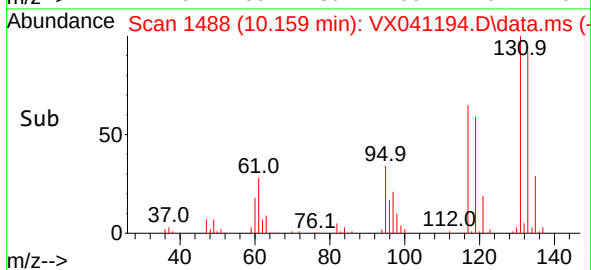
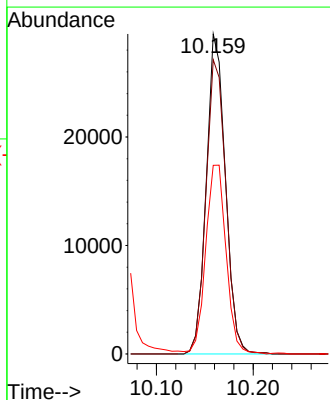
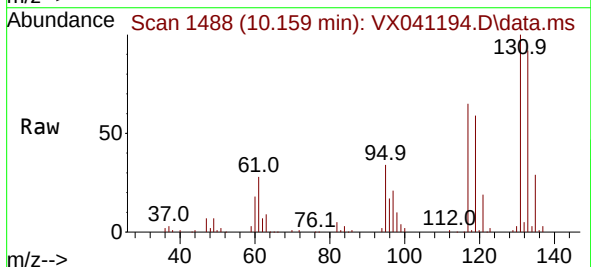
Manual Integrations
APPROVED

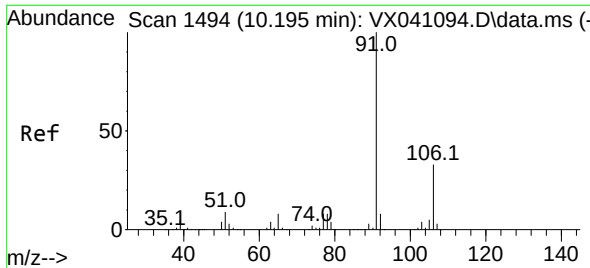
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.736 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

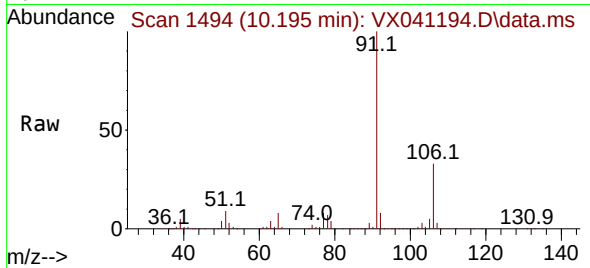
Tgt Ion:131 Resp: 40452
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 19.568 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

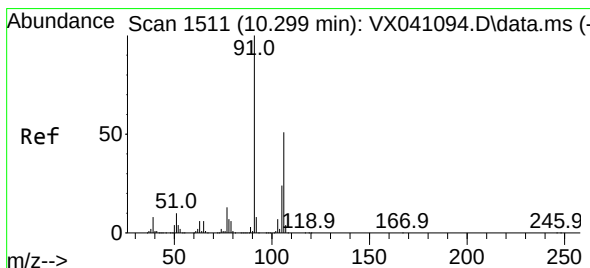
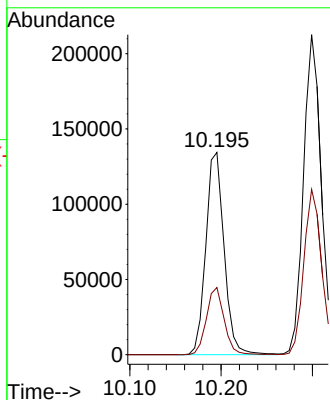
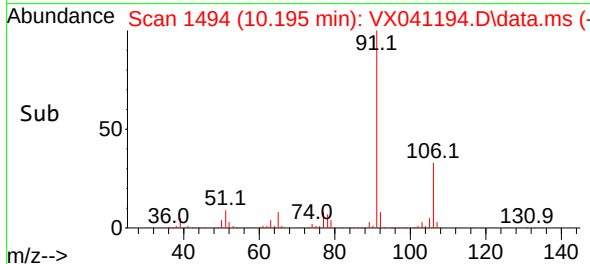
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



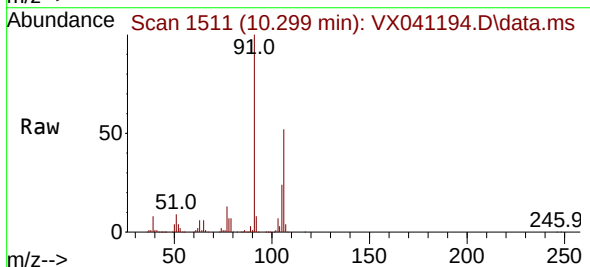
Tgt Ion: 91 Resp: 18686
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

Manual Integrations
APPROVED

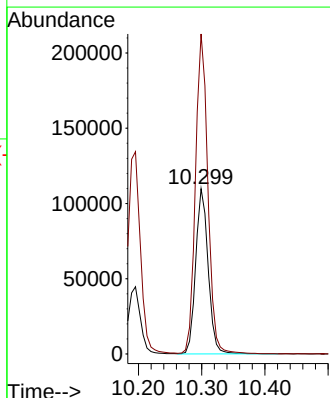
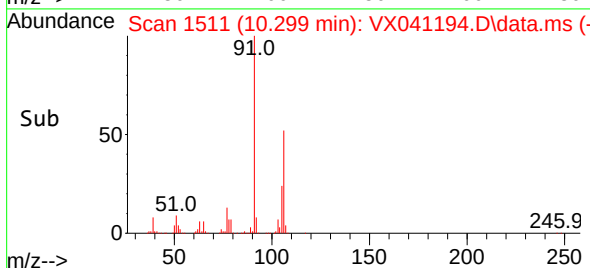
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

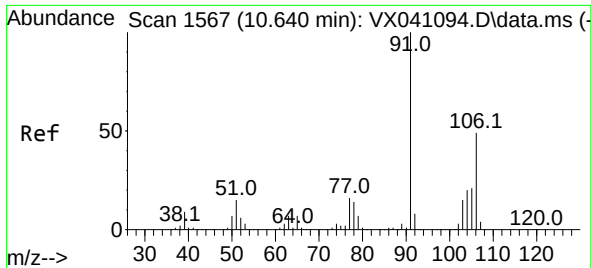


#68
m/p-Xylenes
Concen: 39.129 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57



Tgt Ion:106 Resp: 150839
Ion Ratio Lower Upper
106 100
91 192.9 165.5 248.3





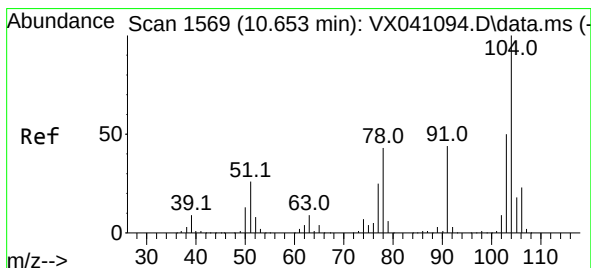
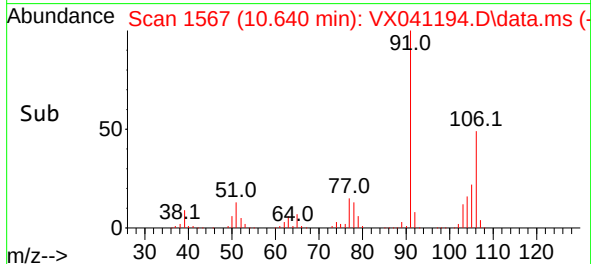
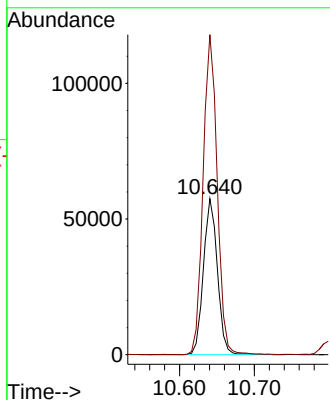
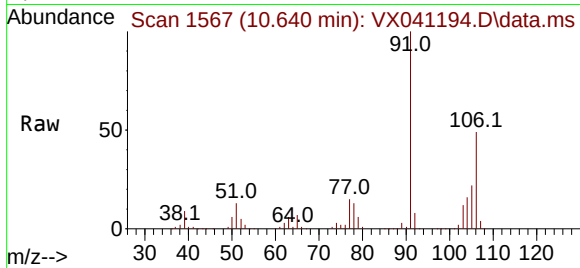
#69
o-Xylene
Concen: 19.918 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion:106 Resp: 74679
Ion Ratio Lower Upper
106 100
91 206.6 108.9 326.8

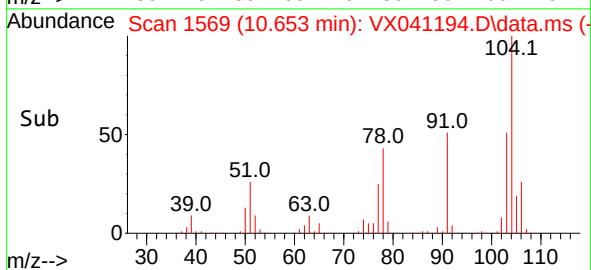
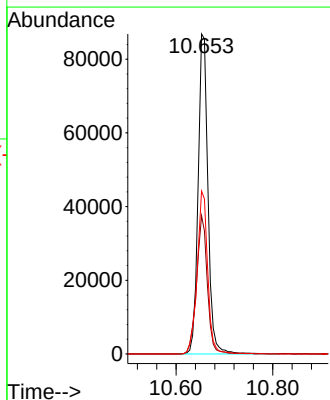
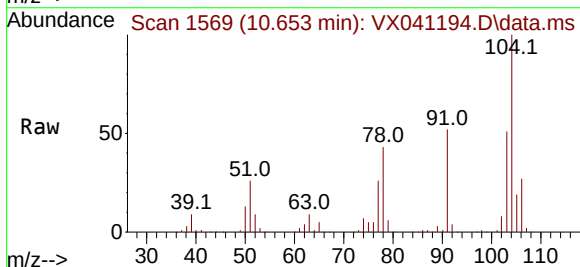
Manual Integrations
APPROVED

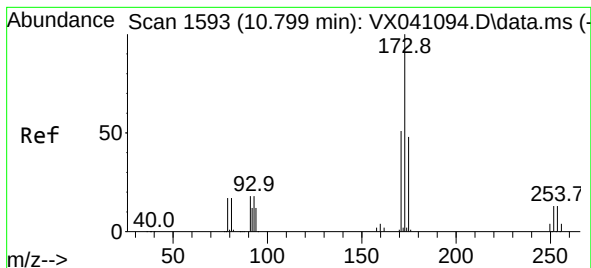
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 20.084 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

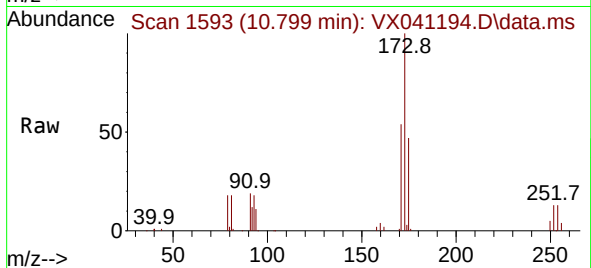
Tgt Ion:104 Resp: 122502
Ion Ratio Lower Upper
104 100
78 47.1 43.6 65.4
103 54.6 43.6 65.4





#71
Bromoform
Concen: 19.963 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

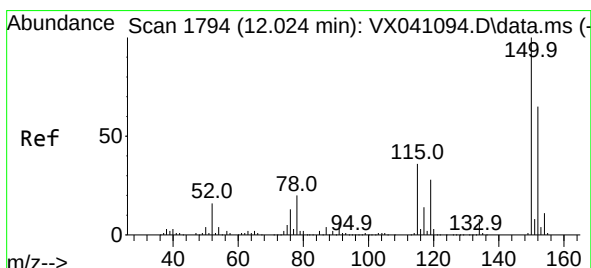
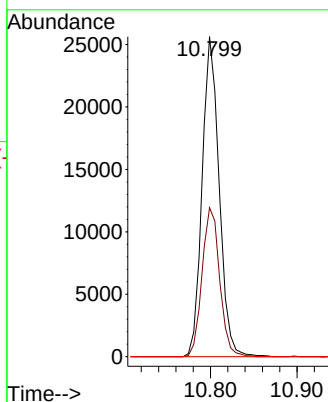
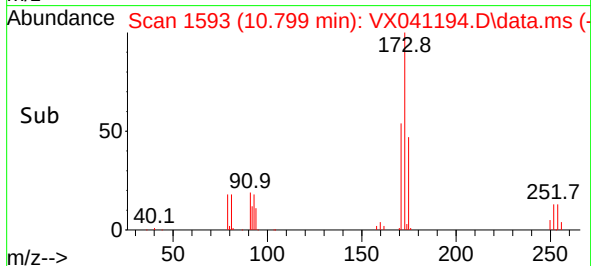
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



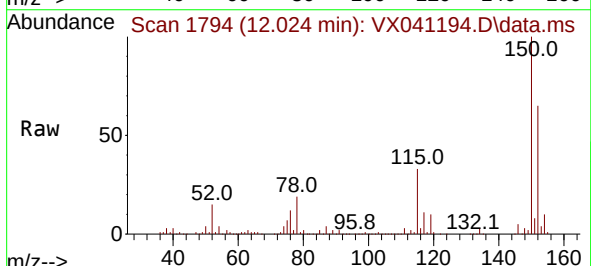
Tgt Ion:173 Resp: 3498
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

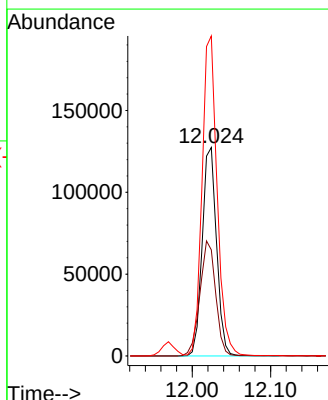
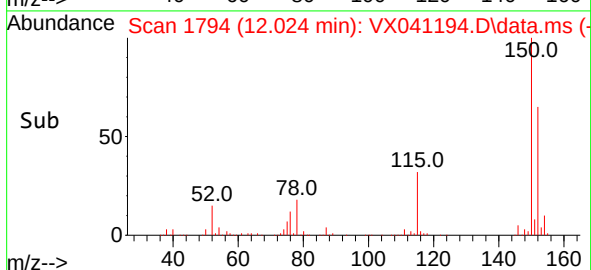
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

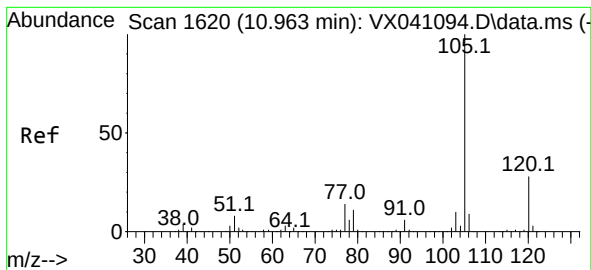


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57



Tgt Ion:152 Resp: 162069
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 160.8 0.0 345.0





#73

Isopropylbenzene

Concen: 19.214 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion:105 Resp: 193750

Ion Ratio Lower Upper

105 100

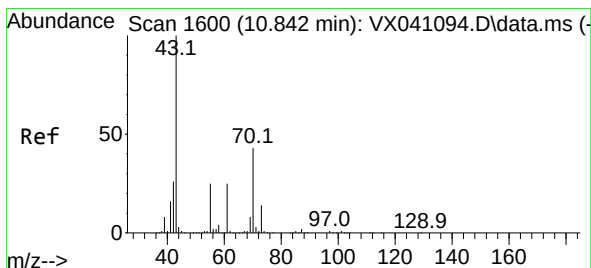
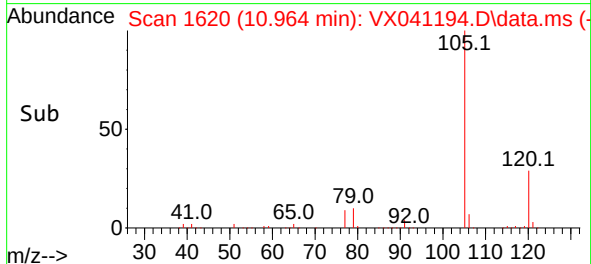
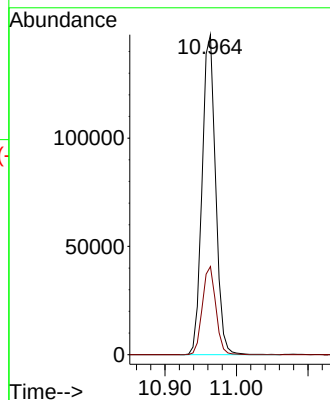
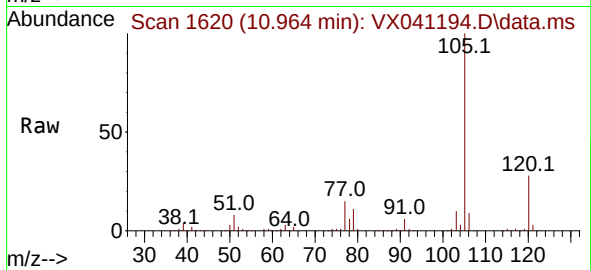
120 27.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#74

N-ethyl acetate

Concen: 19.772 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion: 43 Resp: 78357

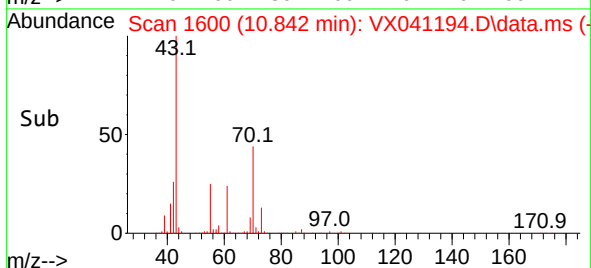
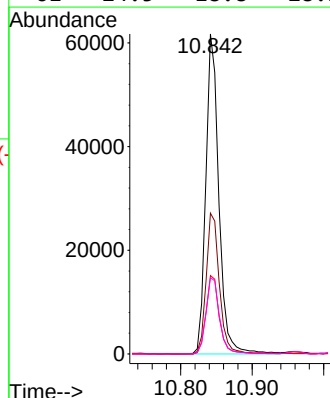
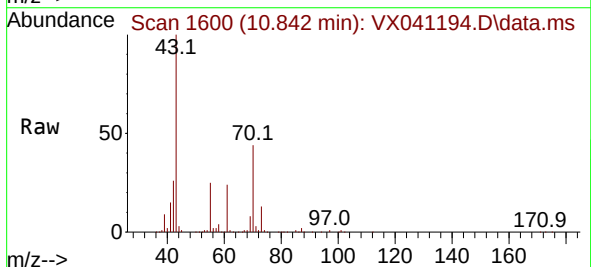
Ion Ratio Lower Upper

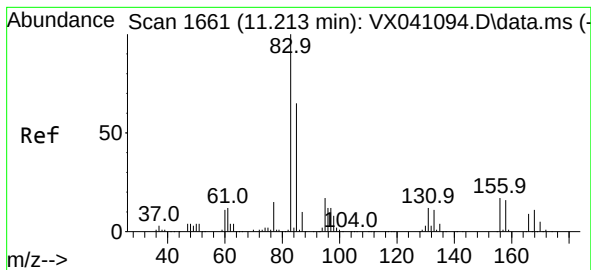
43 100

70 44.8 32.9 49.3

55 25.3 19.3 28.9

61 24.5 18.8 28.2





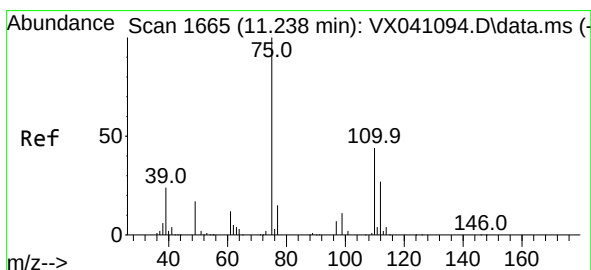
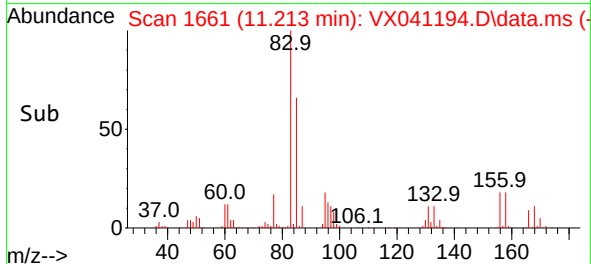
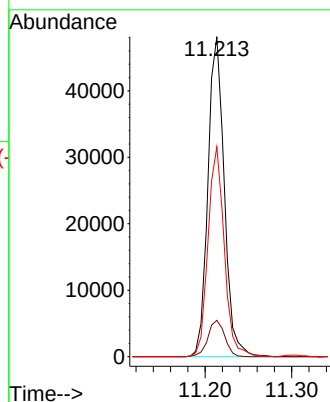
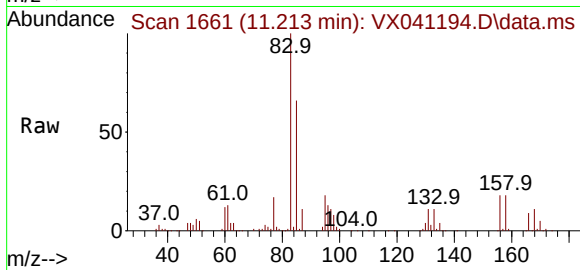
#75
1,1,2,2-Tetrachloroethane
Concen: 19.859 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 83 Resp: 63152
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 65.1 32.0 96.2

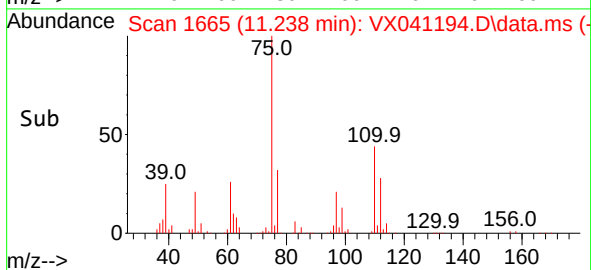
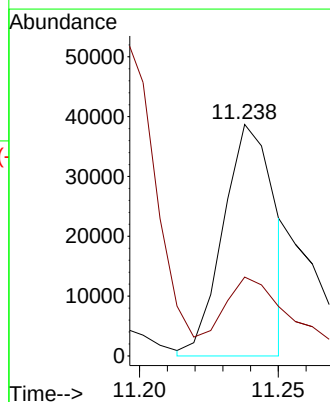
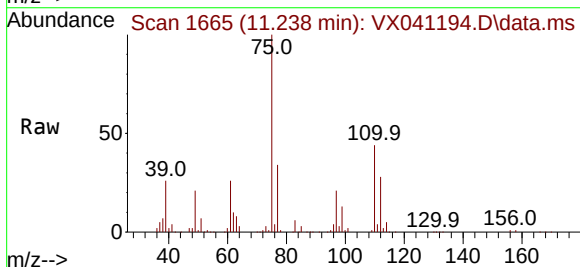
Manual Integrations
APPROVED

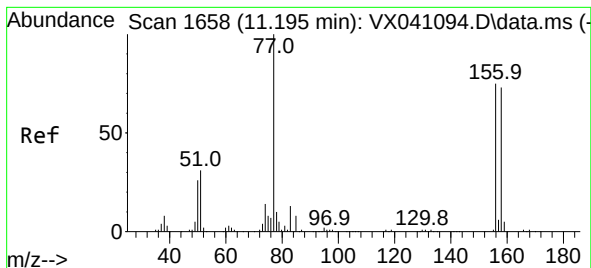
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#76
1,2,3-Trichloropropane
Concen: 19.003 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Tgt Ion: 75 Resp: 49621
Ion Ratio Lower Upper
75 100
77 45.4 19.1 57.5





#77

Bromobenzene

Concen: 18.912 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

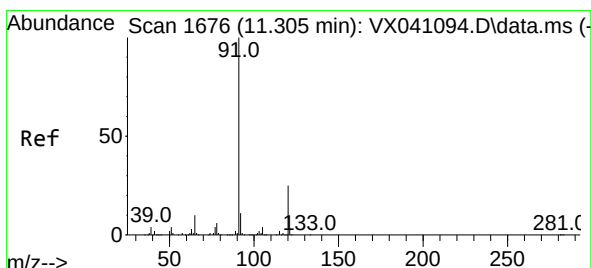
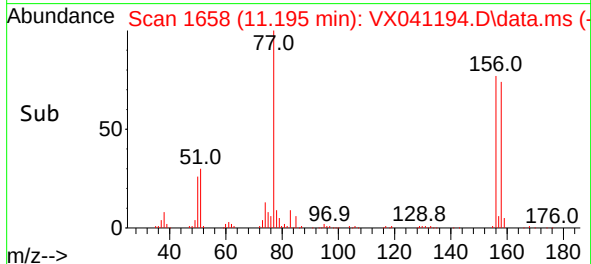
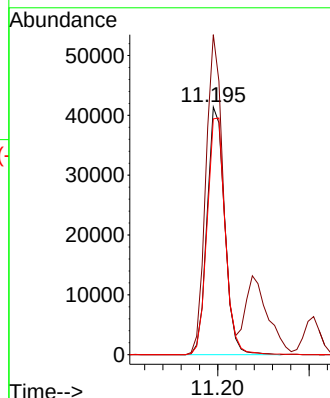
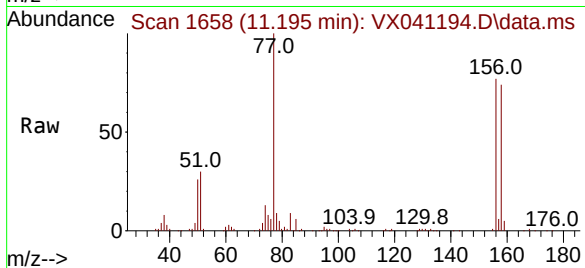
Tgt Ion:	156	Resp:	5549
Ion Ratio	Lower	Upper	
156	100		
77	125.3	88.4	265.3
158	98.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#78

n-propylbenzene

Concen: 18.996 ug/l

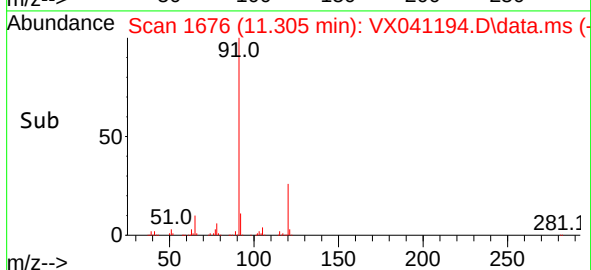
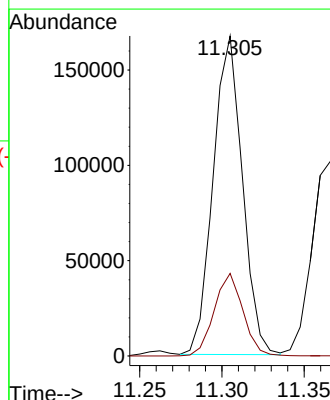
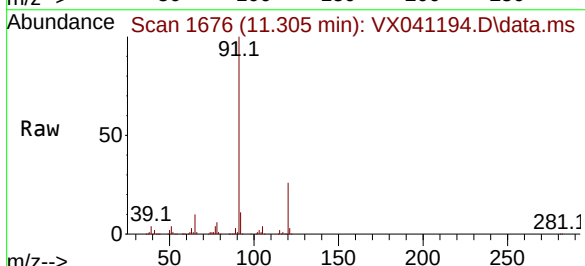
RT: 11.305 min Scan# 1676

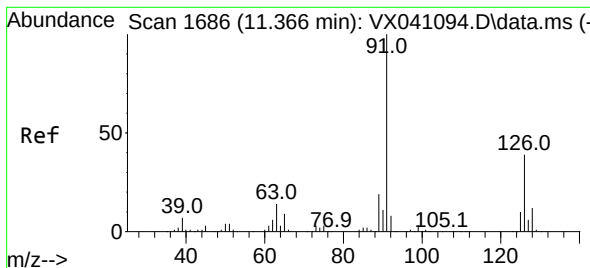
Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:	91	Resp:	206831
Ion Ratio	Lower	Upper	
91	100		
120	25.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.882 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tgt Ion: 91 Resp: 13010

Ion Ratio Lower Upper

91 100

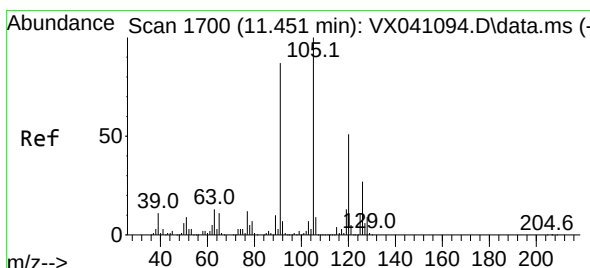
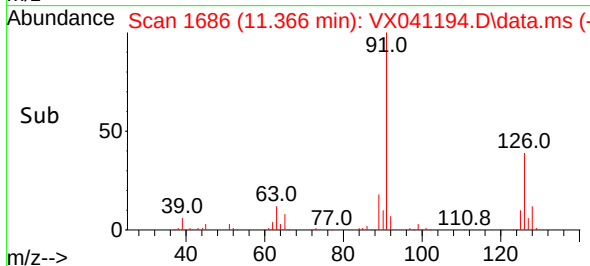
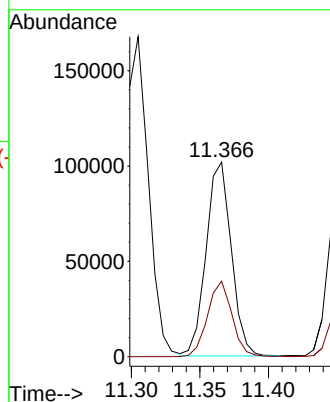
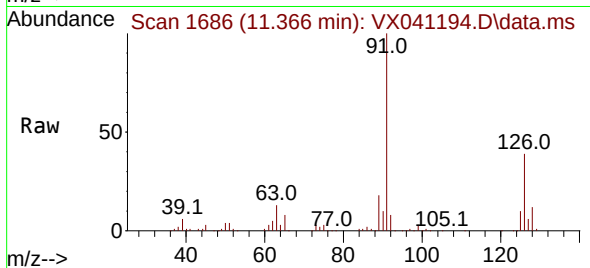
126 37.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.243 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041194.D

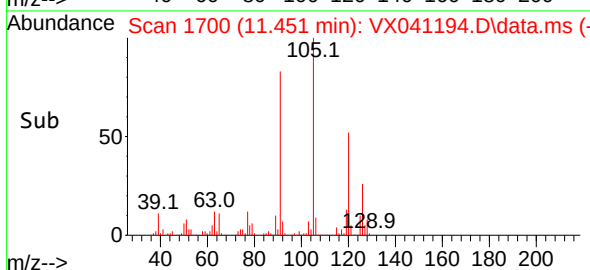
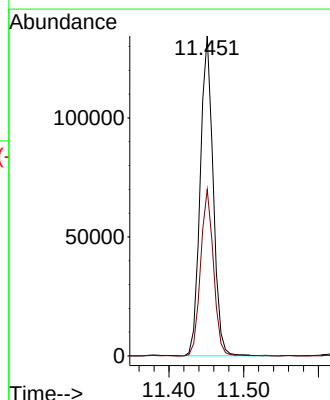
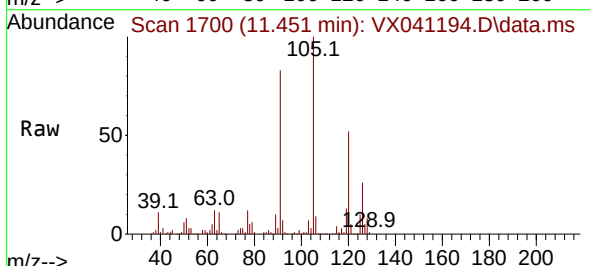
Acq: 22 Apr 2024 16:57

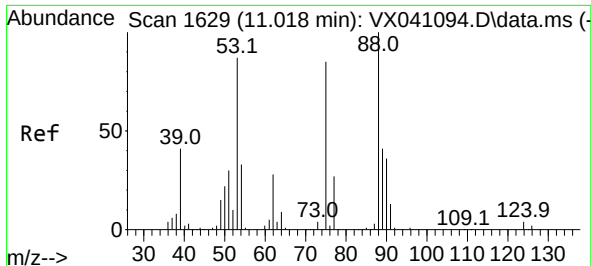
Tgt Ion:105 Resp: 161436

Ion Ratio Lower Upper

105 100

120 52.1 24.1 72.3





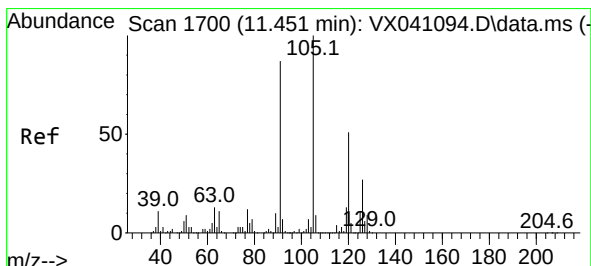
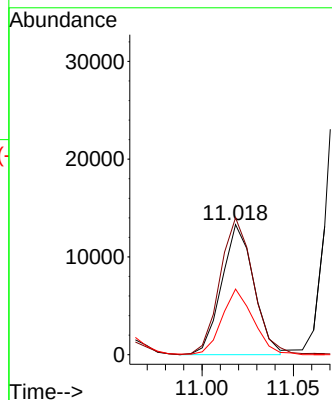
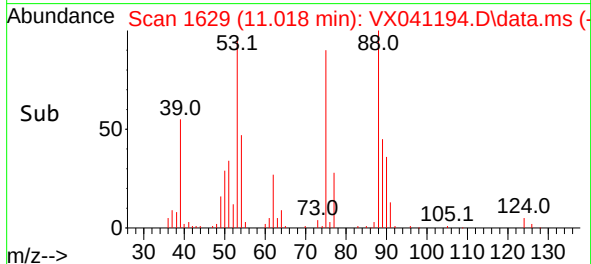
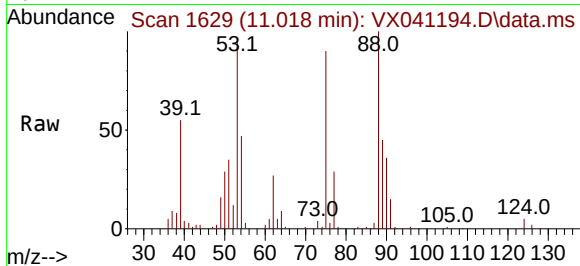
#81
trans-1,4-Dichloro-2-butene
Concen: 17.591 ug/l
RT: 11.018 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 75 Resp: 1628
Ion Ratio Lower Upper
75 100
53 110.6 90.5 135.7
89 49.2 36.9 55.3

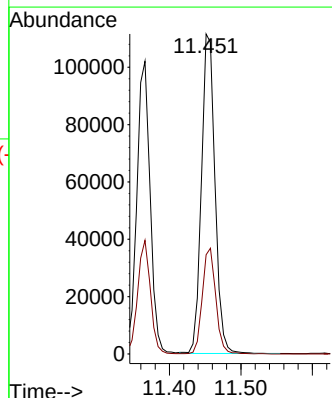
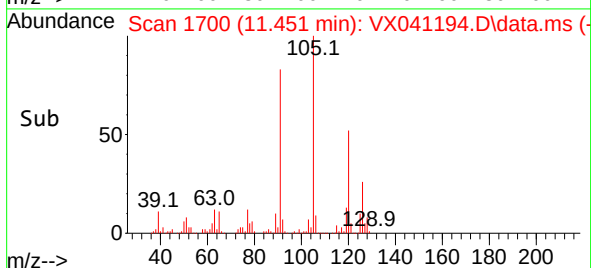
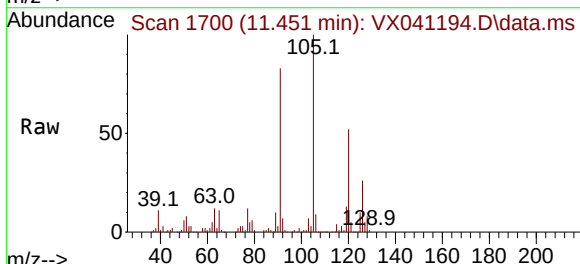
Manual Integrations
APPROVED

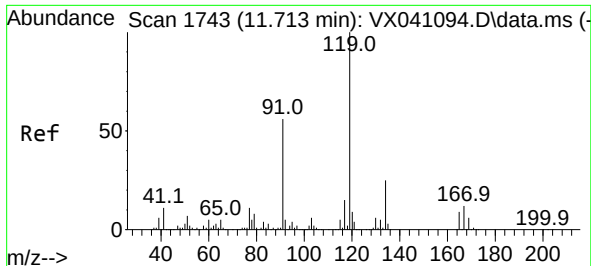
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 18.826 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

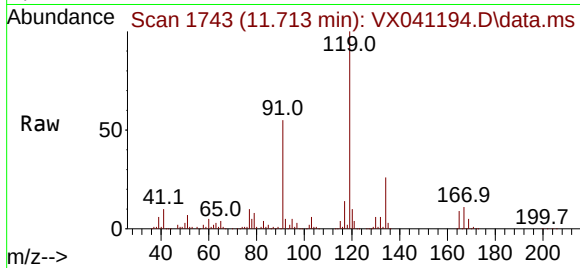
Tgt Ion: 91 Resp: 147001
Ion Ratio Lower Upper
91 100
126 32.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.342 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

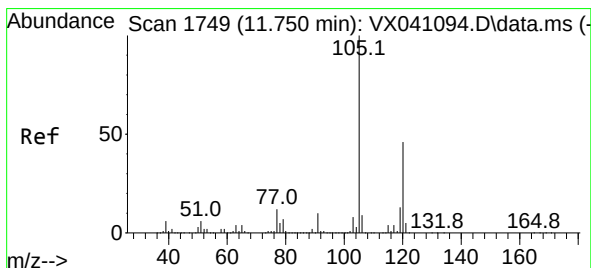
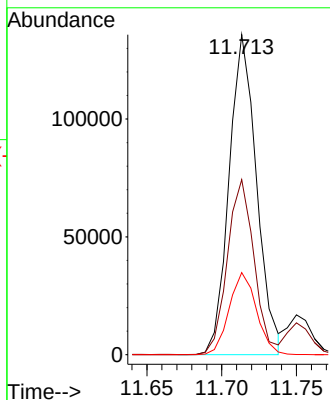
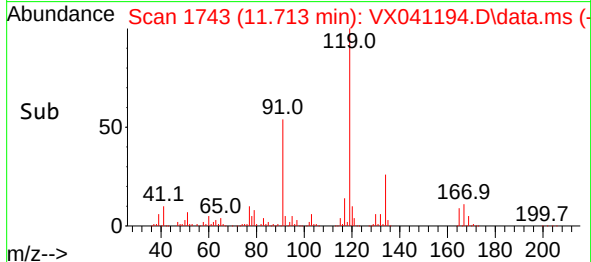
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



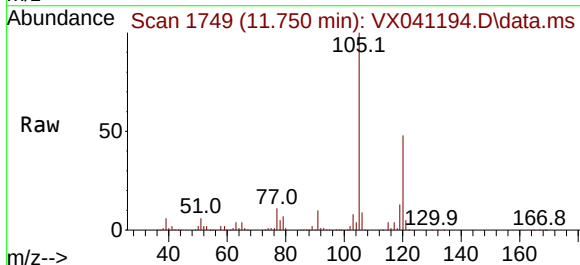
Tgt Ion:119 Resp: 173764
Ion Ratio Lower Upper
119 100
91 53.1 31.2 93.6
134 25.5 11.7 35.0

Manual Integrations
APPROVED

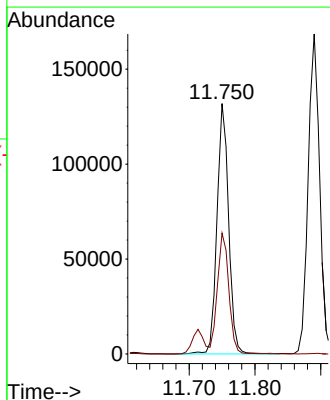
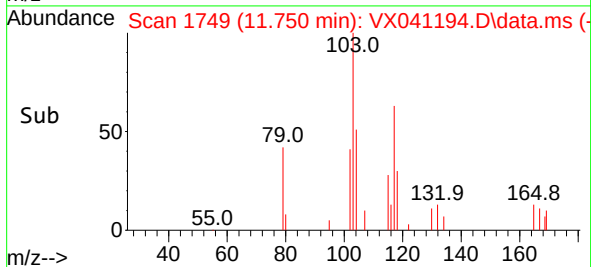
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

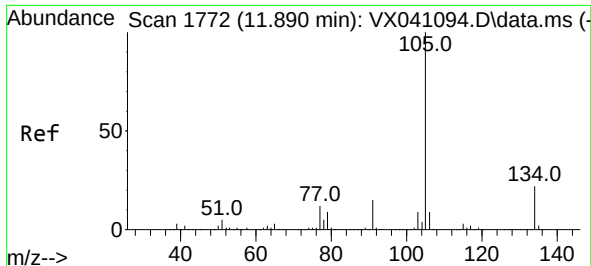


#84
1,2,4-Trimethylbenzene
Concen: 19.476 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57



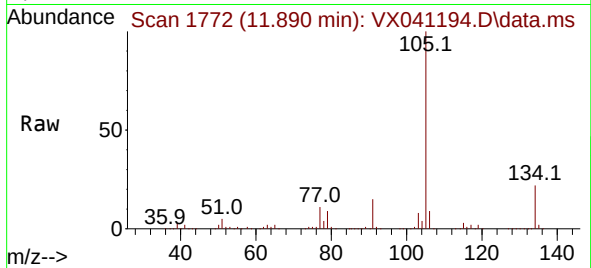
Tgt Ion:105 Resp: 162166
Ion Ratio Lower Upper
105 100
120 47.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.699 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

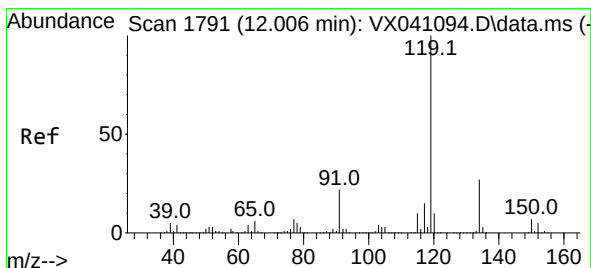
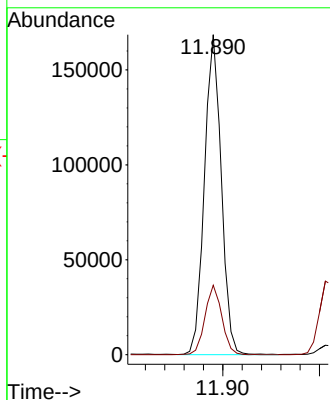
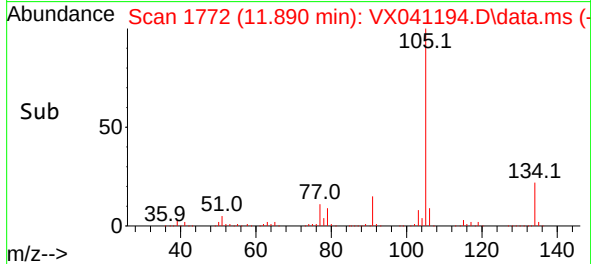
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01



Tgt Ion:105 Resp: 20436
 Ion Ratio Lower Upper
 105 100
 134 21.6 9.8 29.4

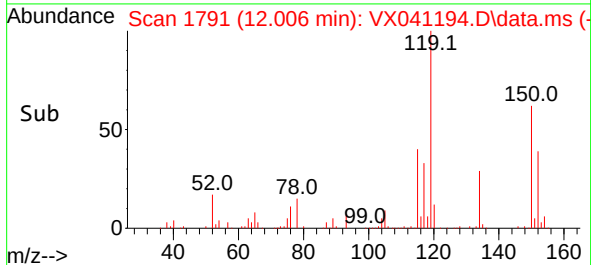
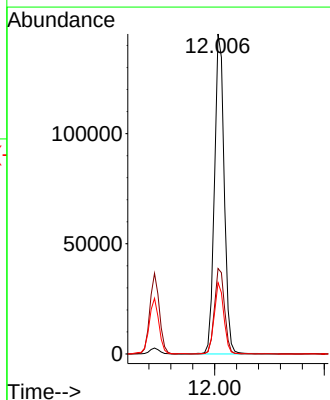
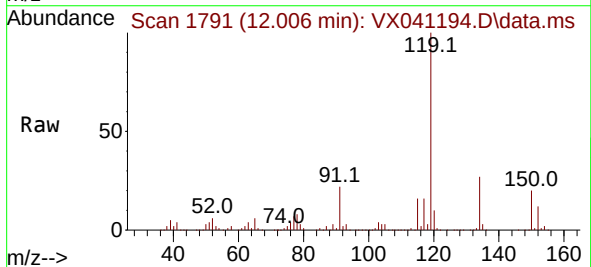
Manual Integrations
 APPROVED

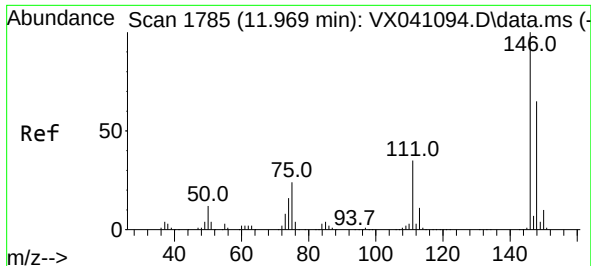
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#86
 p-Isopropyltoluene
 Concen: 19.526 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041194.D
 Acq: 22 Apr 2024 16:57

Tgt Ion:119 Resp: 178510
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.3
 91 22.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.778 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

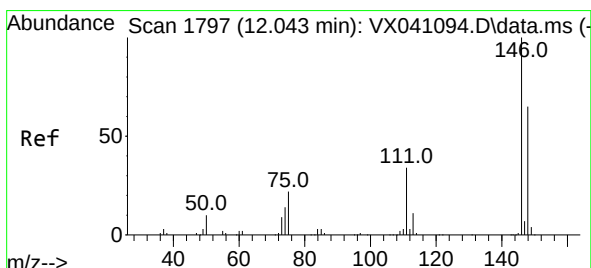
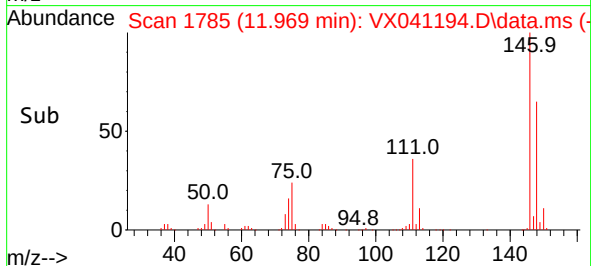
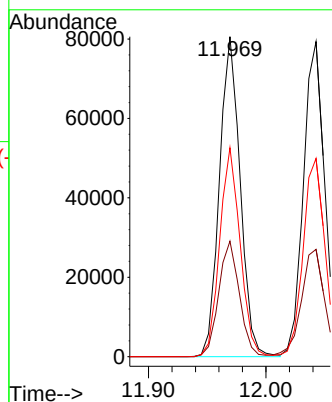
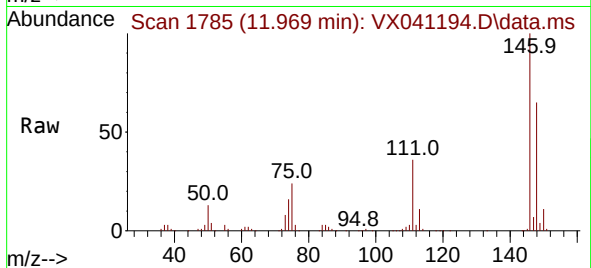
Tgt Ion:146	Resp:	9898
Ion Ratio	Lower	Upper
146	100	
111	36.1	22.1 66.1
148	64.4	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 18.501 ug/l

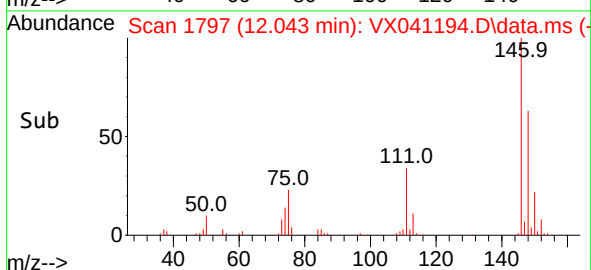
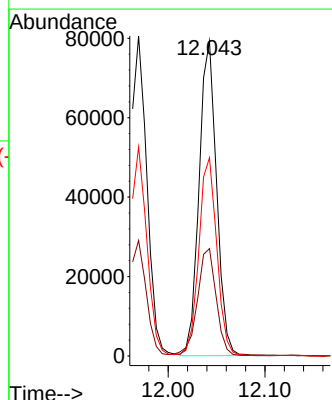
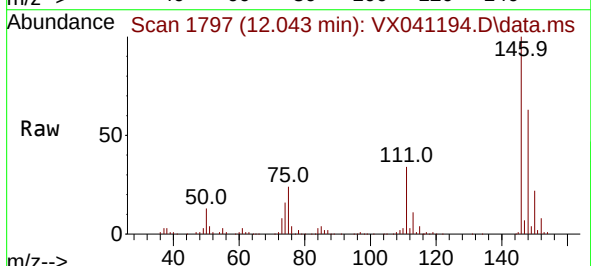
RT: 12.043 min Scan# 1797

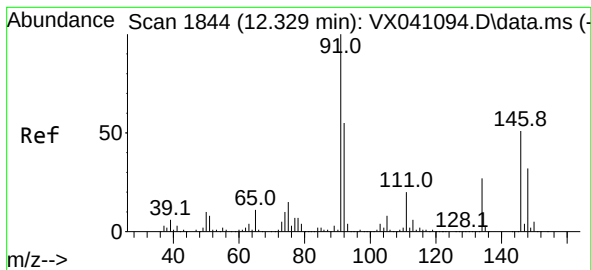
Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:146	Resp:	100062
Ion Ratio	Lower	Upper
146	100	
111	36.6	21.3 63.7
148	64.6	31.8 95.4





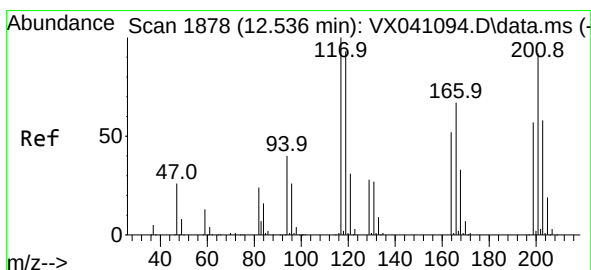
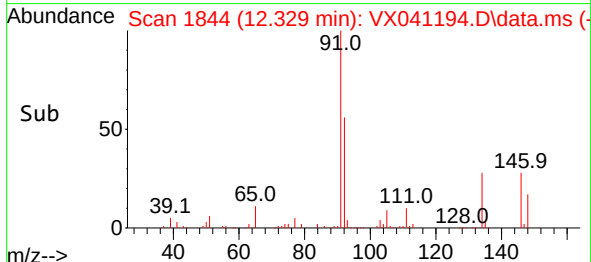
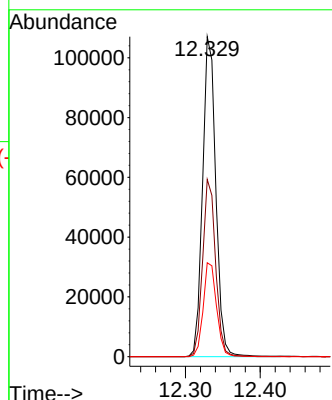
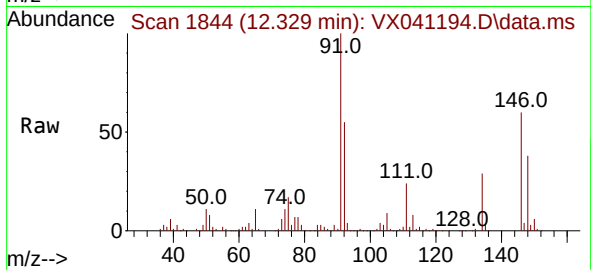
#89
n-Butylbenzene
Concen: 18.968 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tgt Ion: 91 Resp: 13166
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 29.6 12.6 37.8

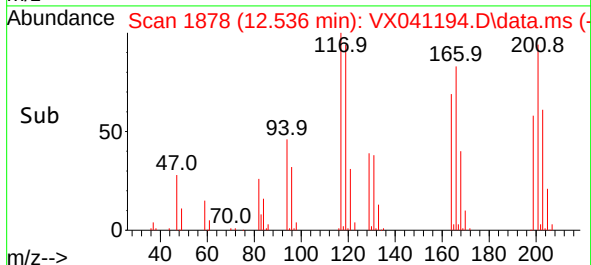
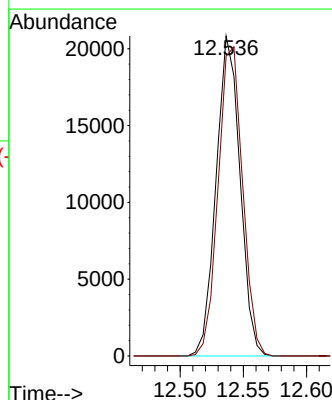
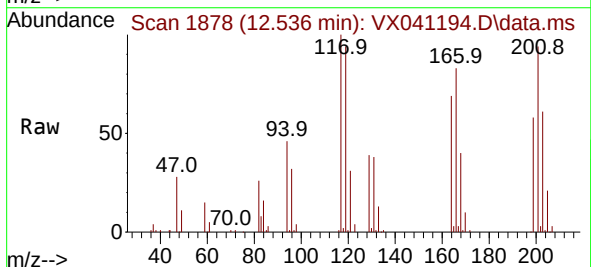
Manual Integrations
APPROVED

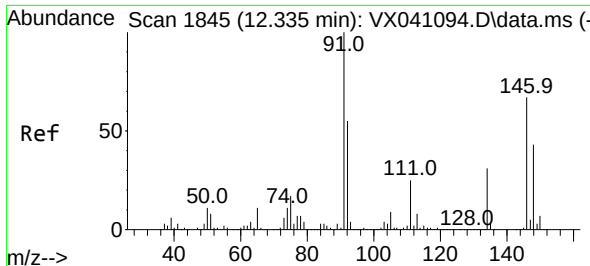
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#90
Hexachloroethane
Concen: 18.125 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

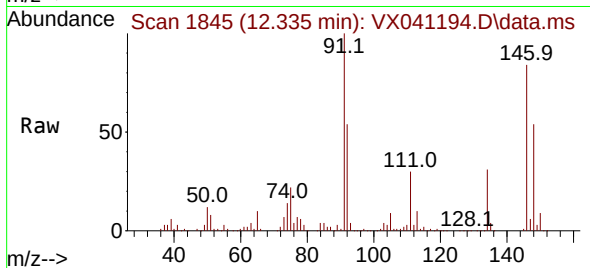
Tgt Ion:117 Resp: 27333
Ion Ratio Lower Upper
117 100
201 99.1 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 19.617 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57

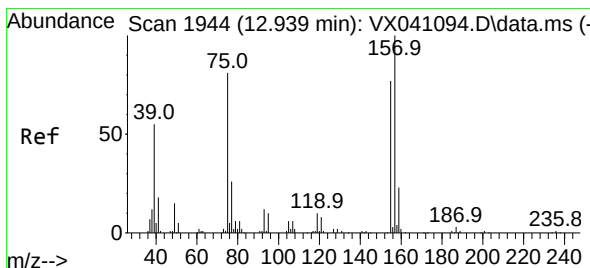
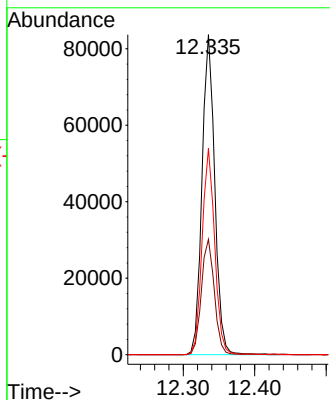
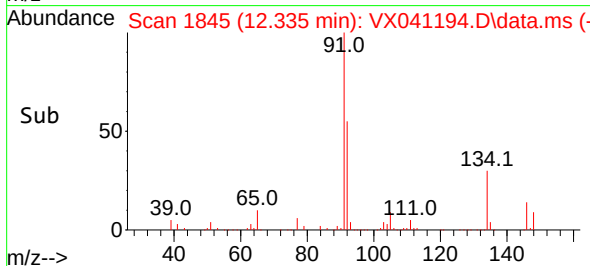
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01



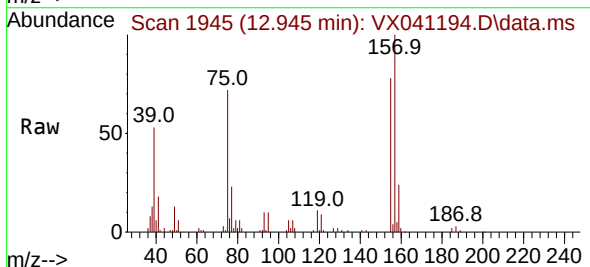
Tgt Ion:146 Resp: 103574
Ion Ratio Lower Upper
146 100
111 36.9 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

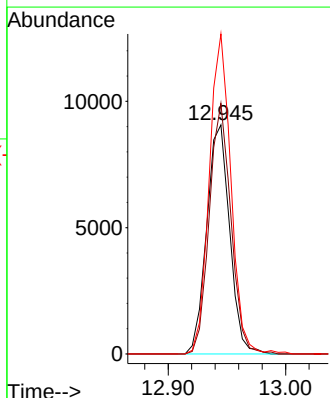
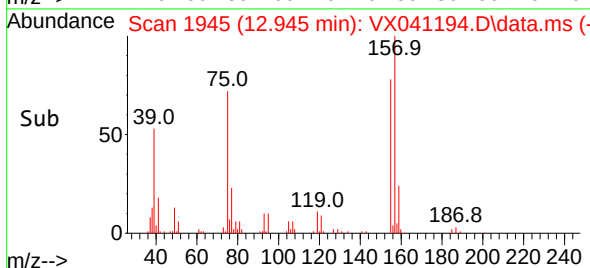
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

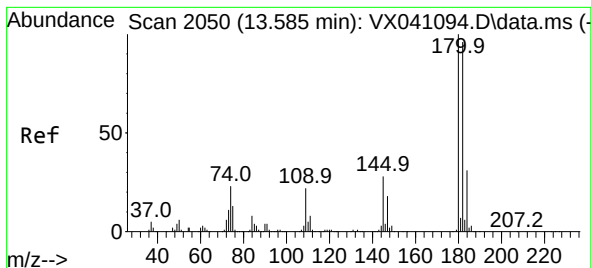


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.459 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041194.D
Acq: 22 Apr 2024 16:57



Tgt Ion: 75 Resp: 12317
Ion Ratio Lower Upper
75 100
155 103.0 36.1 108.5
157 131.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 15.831 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

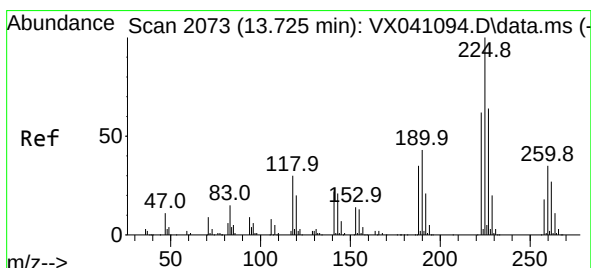
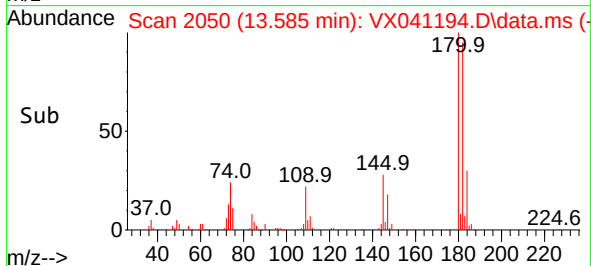
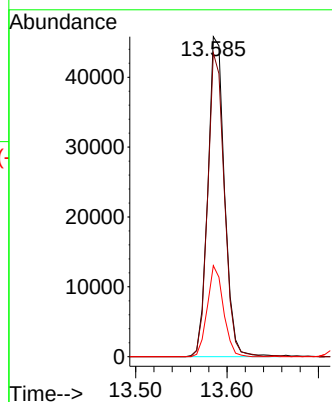
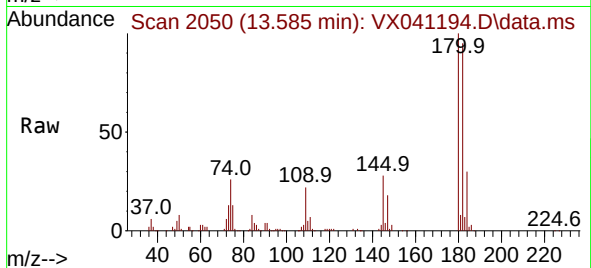
Tgt Ion:180	Resp:	5795
Ion Ratio	Lower	Upper
180	100	
182	94.2	48.3 144.8
145	27.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#94

Hexachlorobutadiene

Concen: 16.051 ug/l

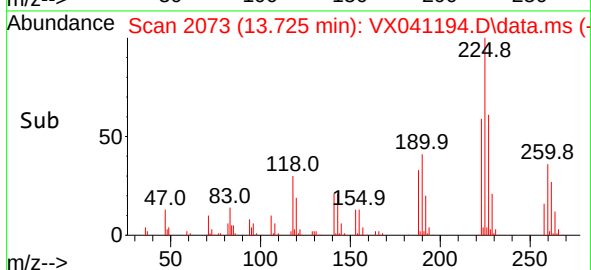
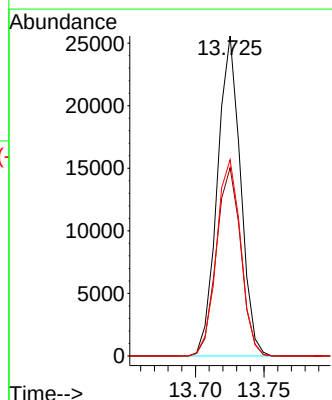
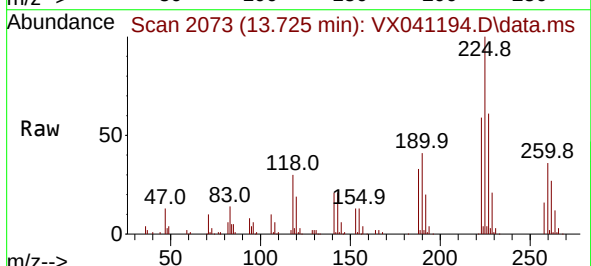
RT: 13.725 min Scan# 2073

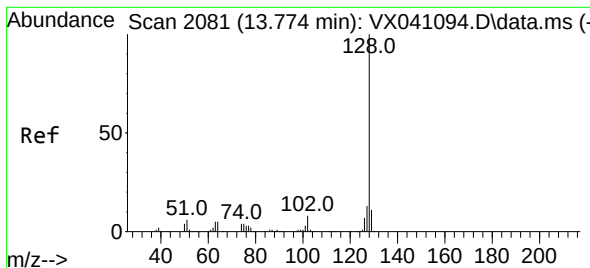
Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:225	Resp:	30019
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.1 93.2
227	64.0	32.5 97.5





#95

Naphthalene

Concen: 16.473 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

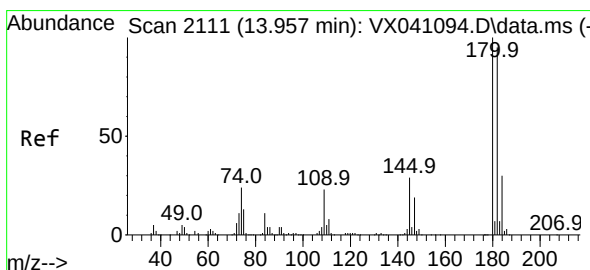
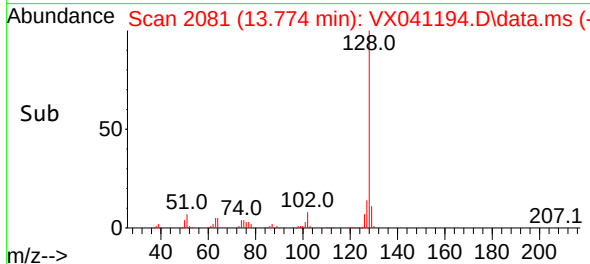
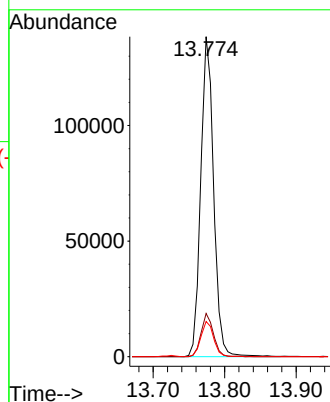
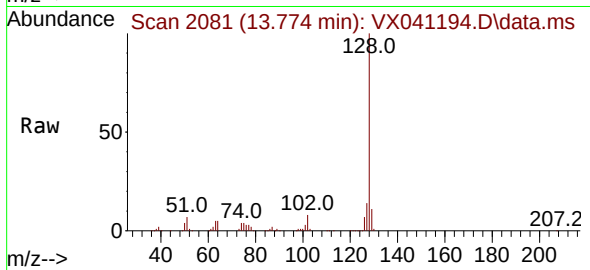
Tgt Ion:	128	Resp:	17325
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.743 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041194.D

Acq: 22 Apr 2024 16:57

Tgt Ion:	180	Resp:	60703
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.9	140.6
145	29.0	17.8	53.5

