

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042344.D
 Acq On : 16 Jul 2024 15:43
 Operator : JC/MD
 Sample : PB162077ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 05:38:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.495	168	117310	50.000	ug/l	#-0.06
34) 1,4-Difluorobenzene	6.726	114	184497	50.000	ug/l	-0.04
63) Chlorobenzene-d5	10.049	117	167757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.909	65	66891	49.449	ug/l	-0.05
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.330	113	66034	50.442	ug/l	-0.06
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	8.634	98	199742	43.432	ug/l	-0.01
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.860%#
62) 4-Bromofluorobenzene	11.079	95	72242	42.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.220%

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	313	0.279	ug/l #	43
5) Bromomethane	1.611	94	229	0.413	ug/l	84
6) Chloroethane	1.642	64	427	Below Cal	#	87
11) Tert butyl alcohol	2.928	59	569	2.216	ug/l #	78
13) Acrolein	2.221	56	105	0.365	ug/l	92
15) Acrylonitrile	3.032	53	183	0.273	ug/l #	77
16) Acetone	2.355	43	17696	29.792	ug/l #	87
17) Carbon Disulfide	2.483	76	940	0.456	ug/l #	76
18) Methyl Acetate	2.672	43	1061	0.655	ug/l	98
20) Methylene Chloride	2.751	84	13401	10.303	ug/l #	86
21) trans-1,2-Dichloroethene	3.050	96	227	0.221	ug/l #	36
25) 2-Butanone	4.538	43	1573	1.702	ug/l	98
30) Chloroform	5.031	83	3422	1.729	ug/l	94
31) Cyclohexane	5.501	56	1604	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.501	75	6462	4.648	ug/l #	51
37) Ethyl Acetate	4.666	43	754	0.416	ug/l #	90
38) Carbon Tetrachloride	5.501	117	9477	6.170	ug/l #	15
43) Isopropyl Acetate	6.306	43	74488	26.798	ug/l #	93
47) Bromodichloromethane	7.805	83	1357	0.880	ug/l #	97
48) Methyl methacrylate	7.775	41	66646	50.240	ug/l #	45
49) 1,4-Dioxane	7.647	88	20	20.490	ug/l #	12
51) 4-Methyl-2-Pentanone	8.537	43	53031	27.697	ug/l #	53
53) t-1,3-Dichloropropene	8.945	75	531	1.219	ug/l #	43
54) cis-1,3-Dichloropropene	8.537	75	28555	16.913	ug/l #	51
57) 1,3-Dichloropropane	9.476	76	3905	1.943	ug/l #	42
59) 2-Hexanone	9.366	43	68544	46.740	ug/l #	26
60) Dibromochloromethane	9.512	129	560	0.415	ug/l	94
68) m/p-Xylenes	10.299	106	537	0.243	ug/l	81
71) Bromoform	10.799	173	117	0.977	ug/l #	29
74) N-amyl acetate	10.817	43	470	0.205	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	32239	20.904	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	947	0.220	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	32239	59.366	ug/l #	5
82) 4-Chlorotoluene	11.457	91	835	0.209	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	806	0.298	ug/l	86
88) 1,4-Dichlorobenzene	11.975	146	806	0.291	ug/l	86

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

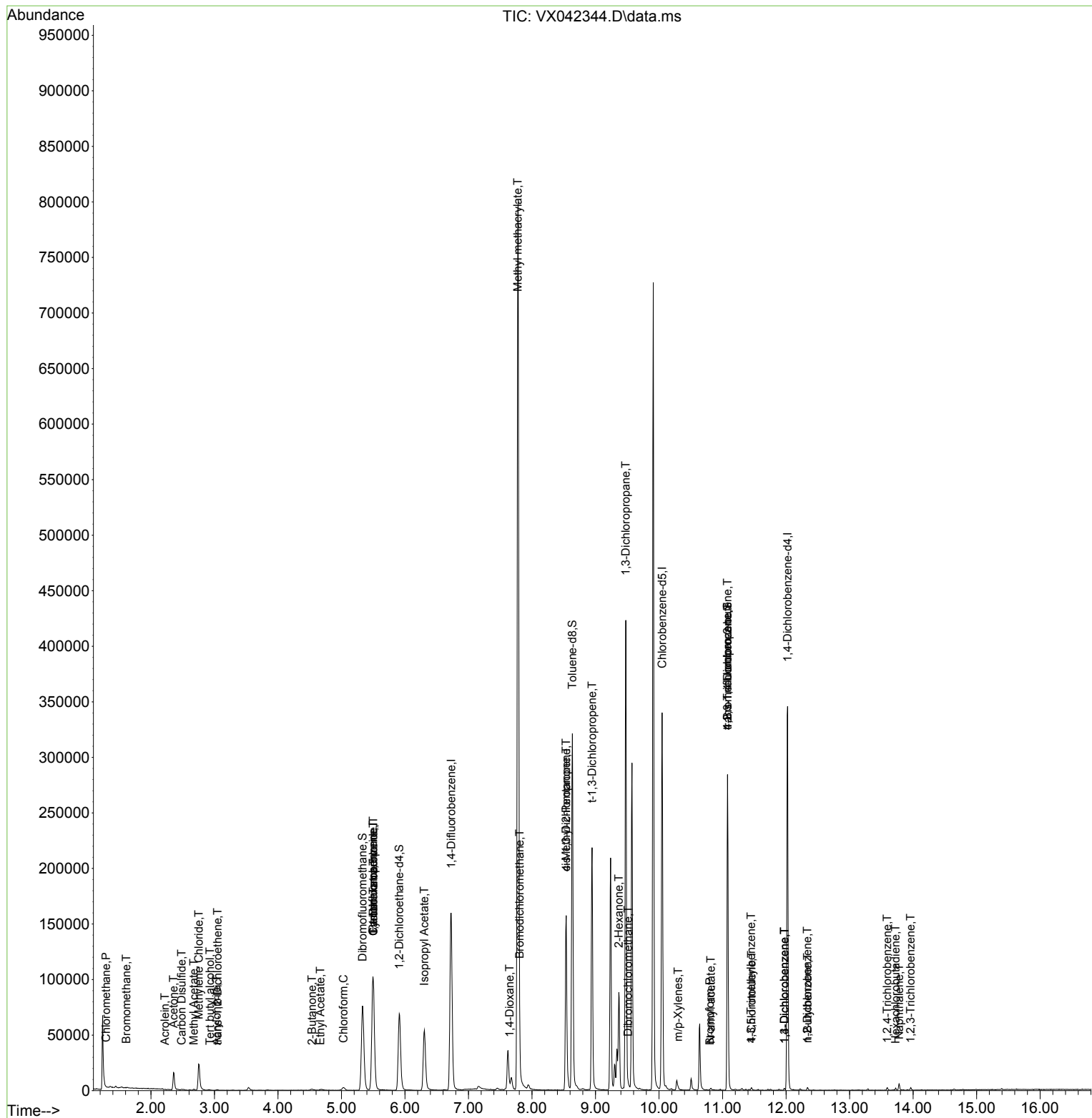
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.341	91	870	0.242	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	606	0.219	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	774	0.427	ug/l	82
94) Hexachlorobutadiene	13.725	225	414	0.452	ug/l	97
95) Naphthalene	13.780	128	4391	1.458	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	885	0.463	ug/l	93

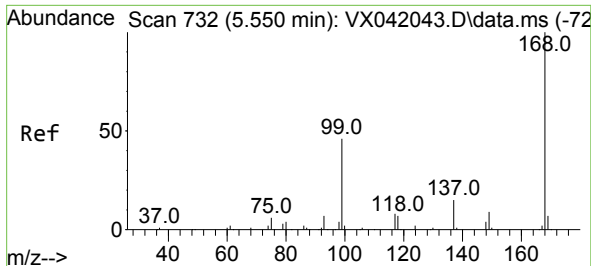
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

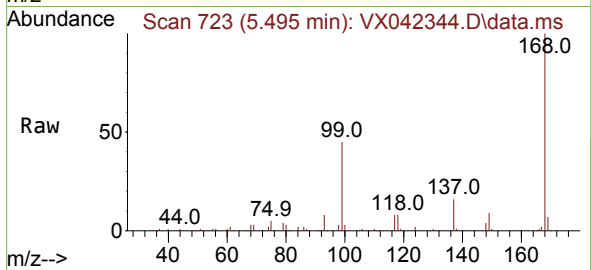
Quant Time: Jul 17 05:38:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
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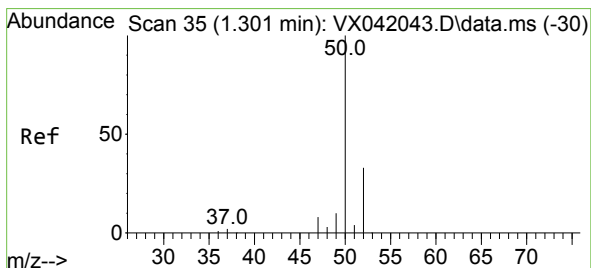
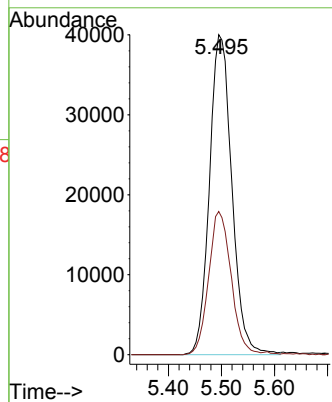
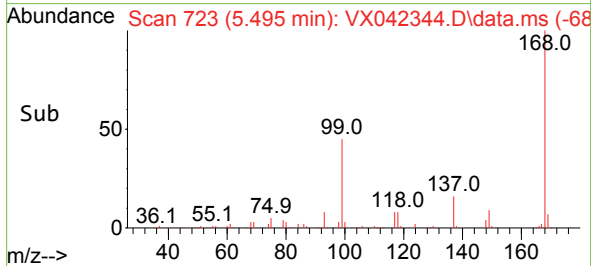


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.495 min Scan# 71
Delta R.T. -0.055 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

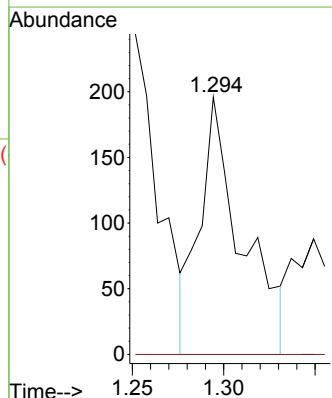
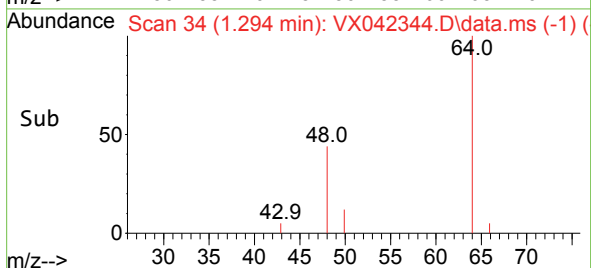
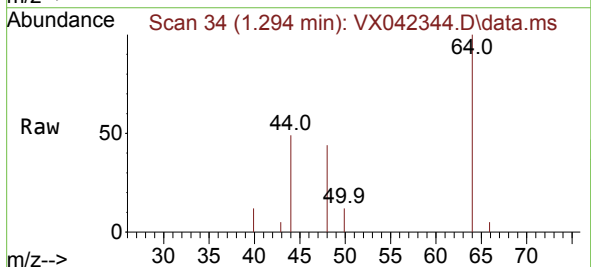


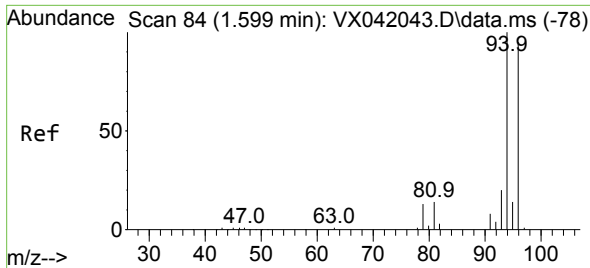
Tgt Ion:168 Resp: 117310
Ion Ratio Lower Upper
168 100
99 44.8 56.6 85.0#



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

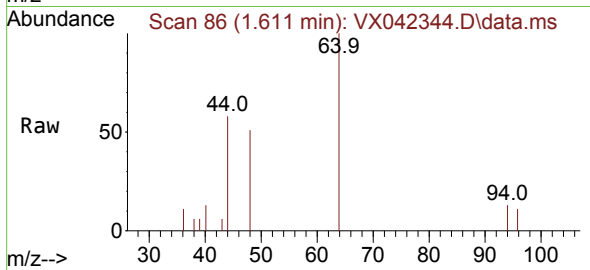
Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



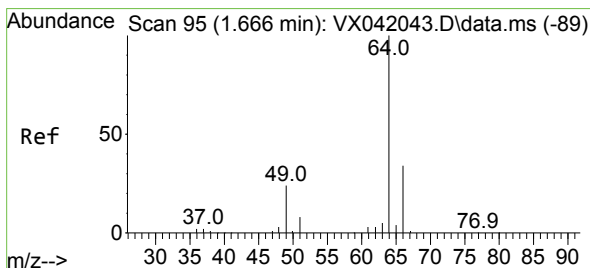
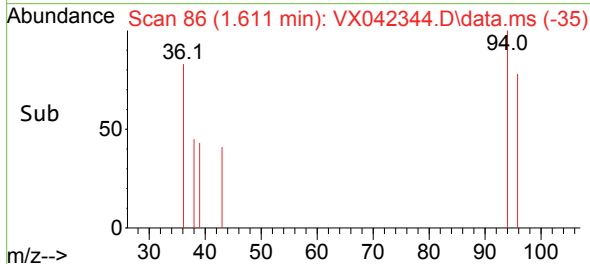
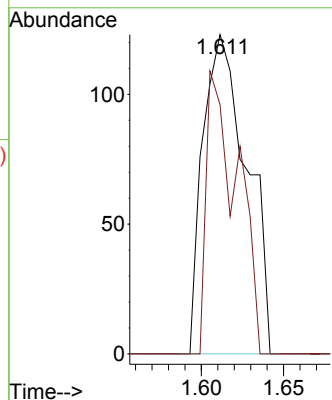


#5
Bromomethane
Concen: 0.413 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

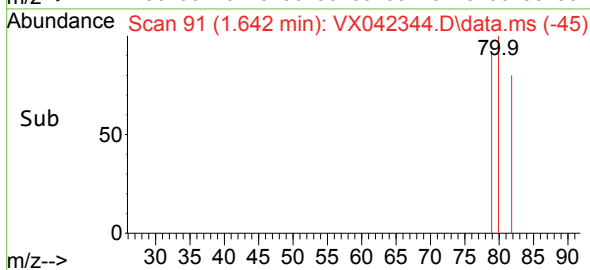
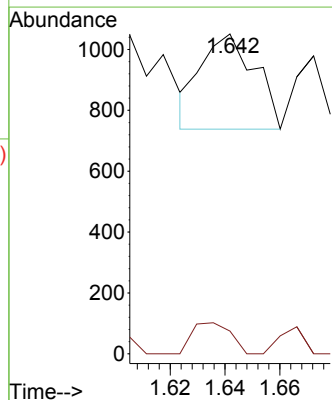
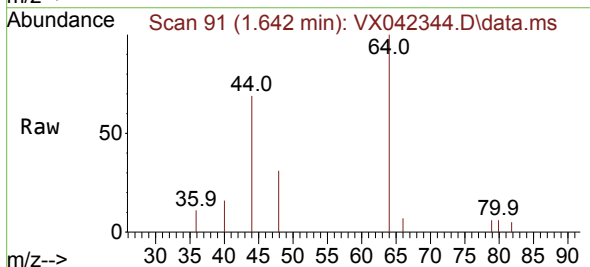


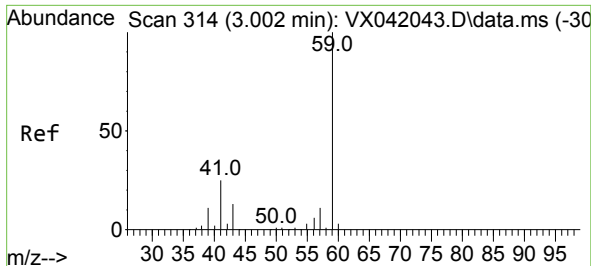
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 78.0 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 64 Resp: 427
Ion Ratio Lower Upper
64 100
66 24.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.216 ug/l

RT: 2.928 min Scan# 30

Delta R.T. -0.079 min

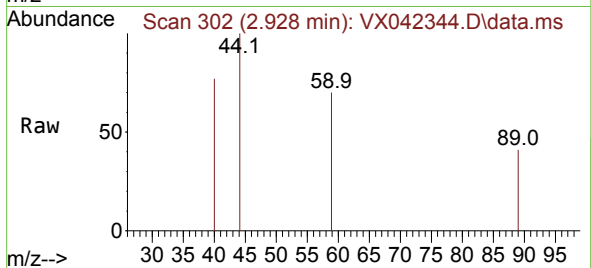
Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

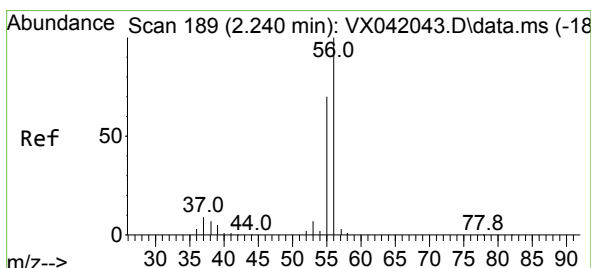
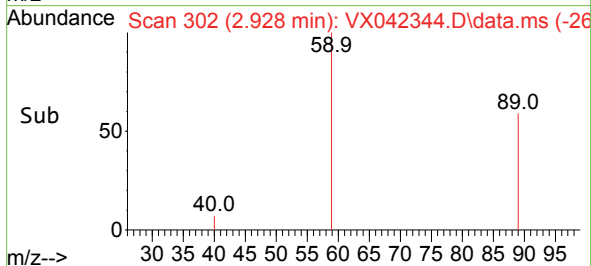
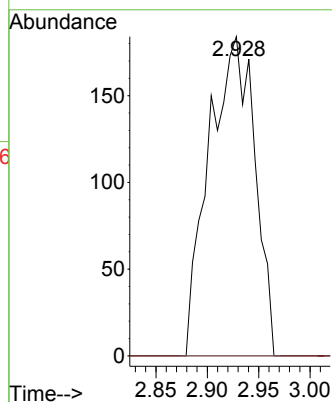


Tgt Ion: 59 Resp: 569

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.365 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX042344.D

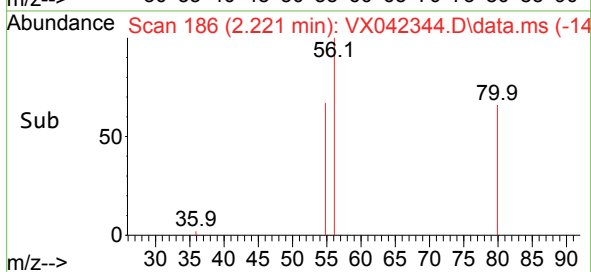
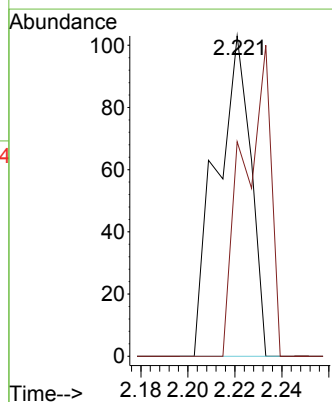
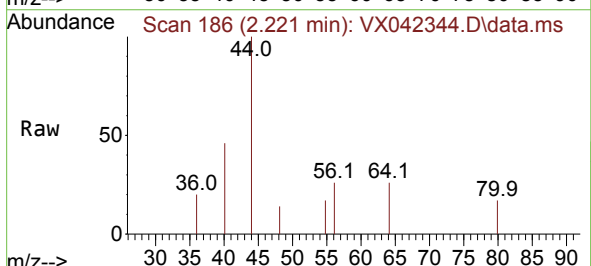
Acq: 16 Jul 2024 15:43

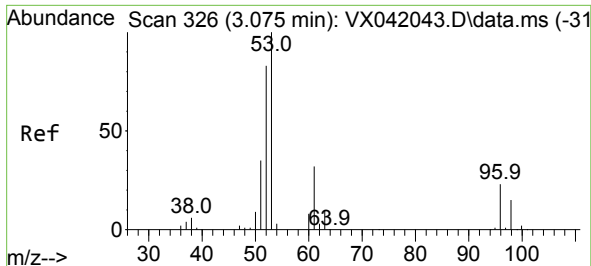
Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

56 100

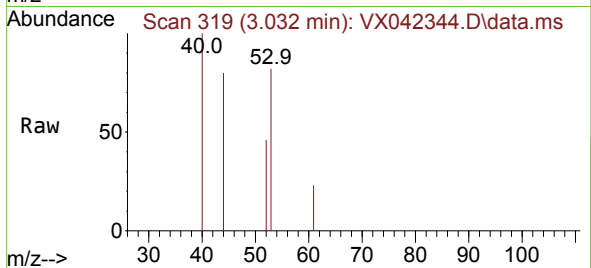
55 78.1 57.1 85.7



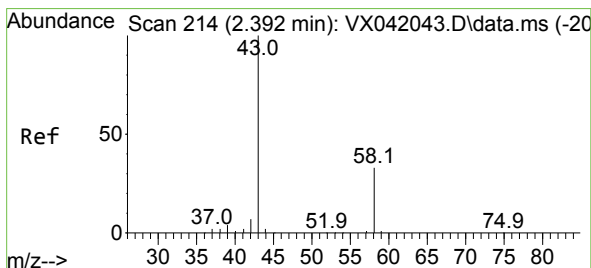
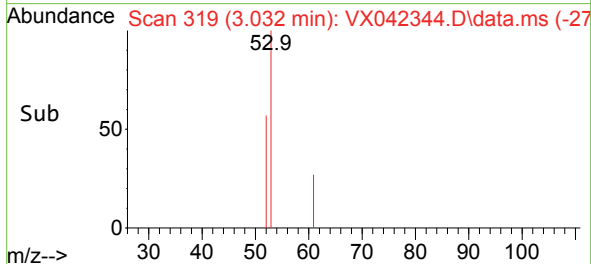
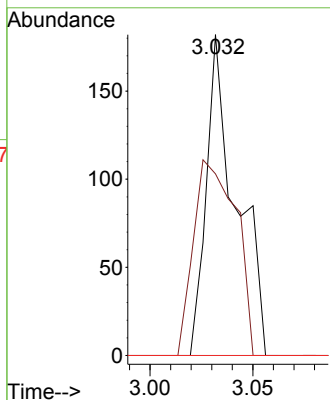


#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 3.032 min Scan# 31
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

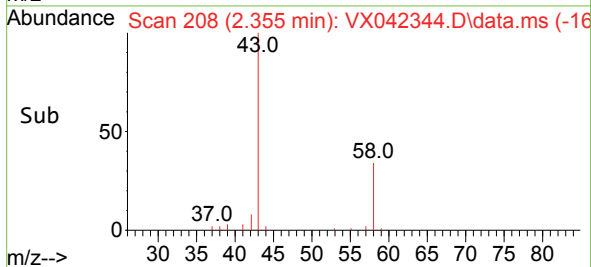
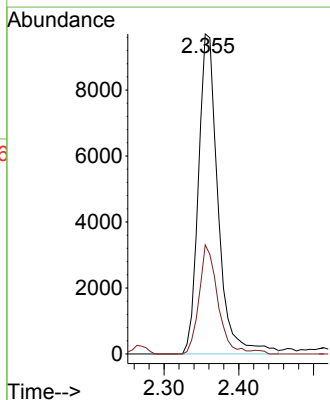
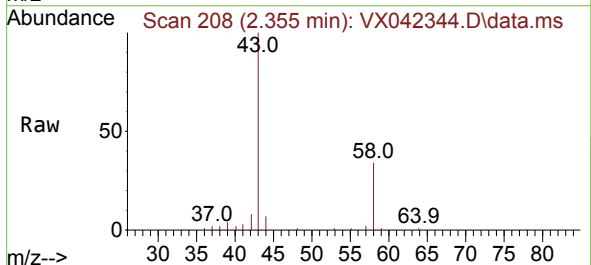


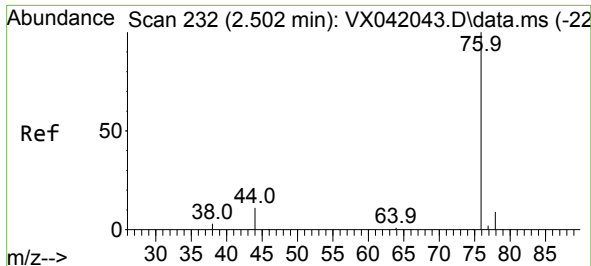
Tgt Ion: 53 Resp: 183
Ion Ratio Lower Upper
53 100
52 86.9 66.0 99.0
51 0.0 29.8 44.6#



#16
Acetone
Concen: 29.792 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 43 Resp: 17696
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.456 ug/l

RT: 2.483 min Scan# 21

Delta R.T. -0.018 min

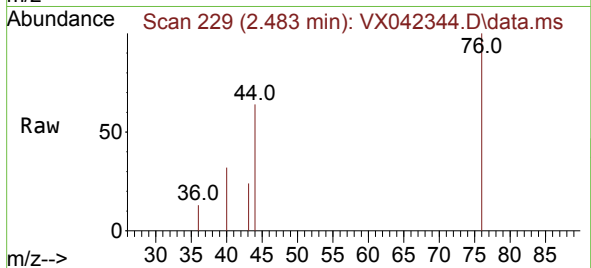
Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

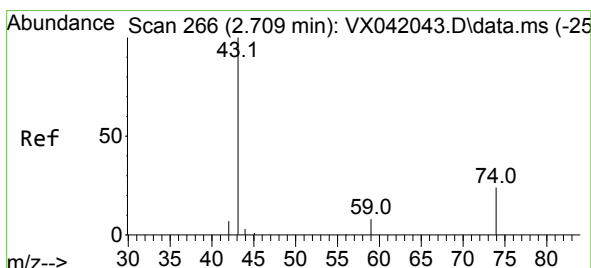
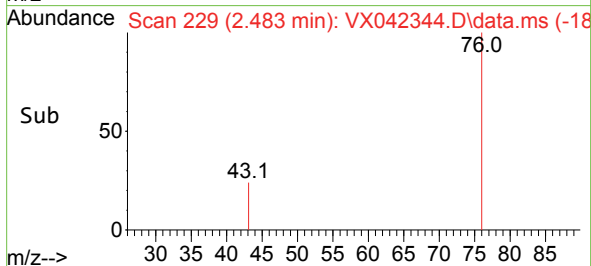
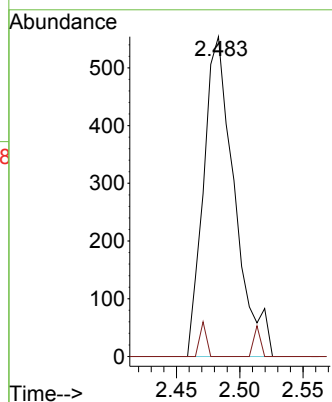


Tgt Ion: 76 Resp: 940

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.655 ug/l

RT: 2.672 min Scan# 260

Delta R.T. -0.037 min

Lab File: VX042344.D

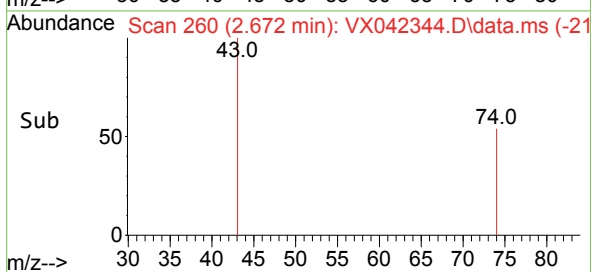
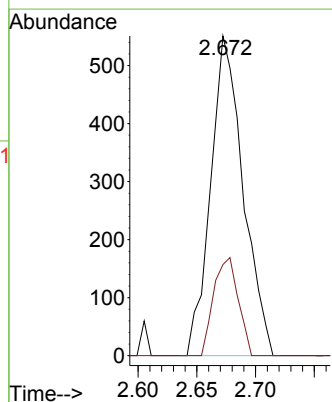
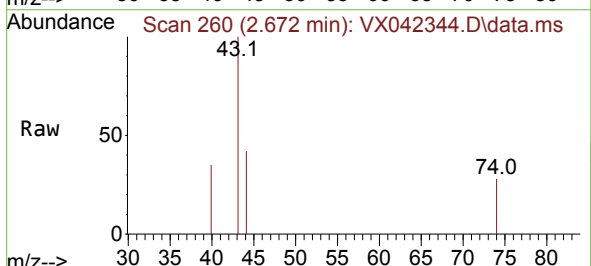
Acq: 16 Jul 2024 15:43

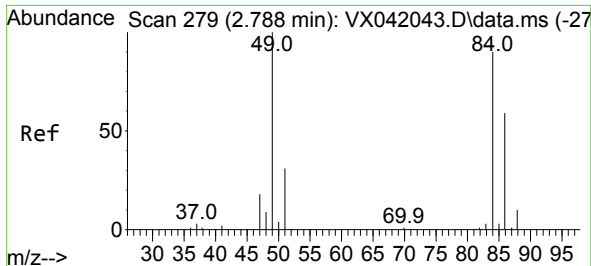
Tgt Ion: 43 Resp: 1061

Ion Ratio Lower Upper

43 100

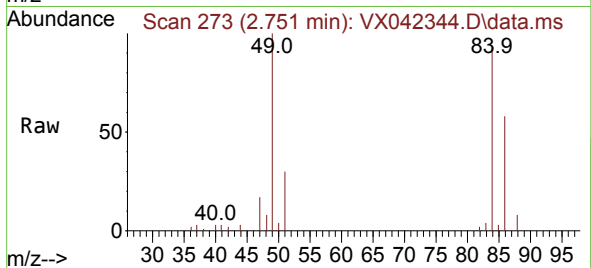
74 23.1 17.8 26.8



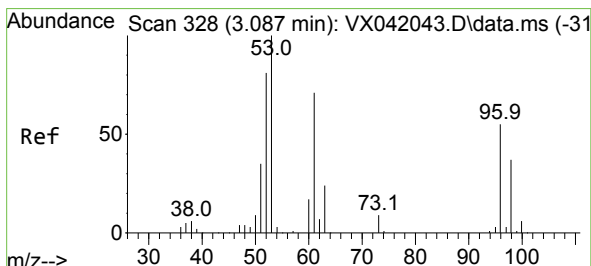
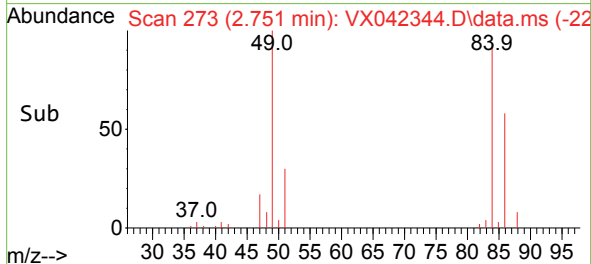
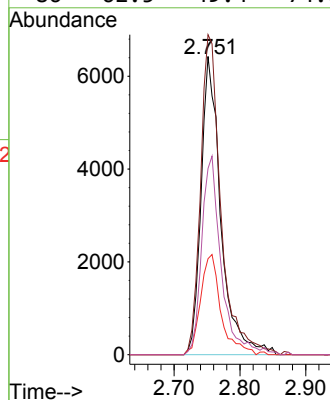


#20
Methylene Chloride
Concen: 10.303 ug/l
RT: 2.751 min Scan# 21
Delta R.T. -0.030 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

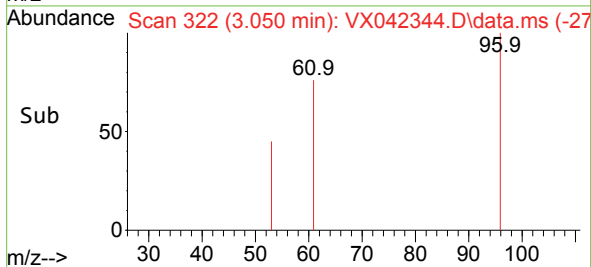
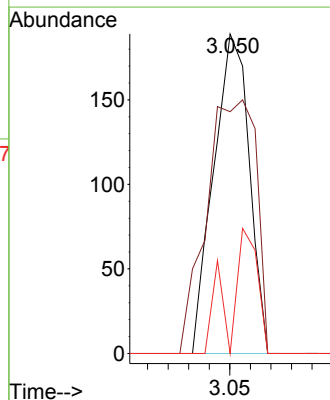
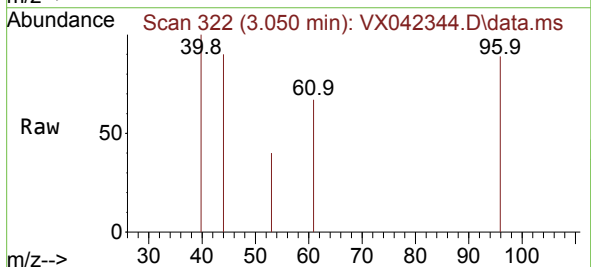


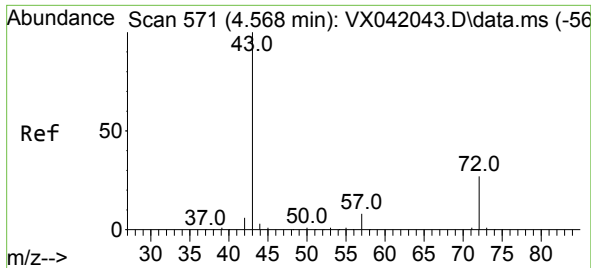
Tgt Ion: 84	Resp: 13401
Ion Ratio	Lower Upper
84 100	
49 107.3	103.6 155.4
51 32.2	33.8 50.6#
86 62.5	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.050 min Scan# 322
Delta R.T. -0.037 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 96	Resp: 227
Ion Ratio	Lower Upper
96 100	
61 75.7	119.2 178.8#
98 0.0	48.7 73.1#

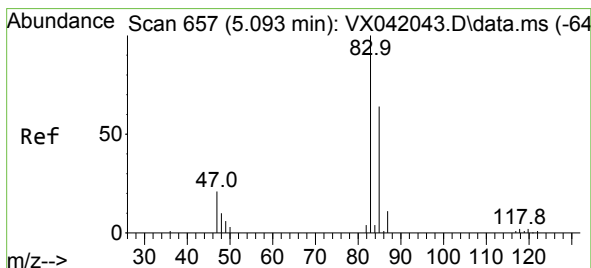
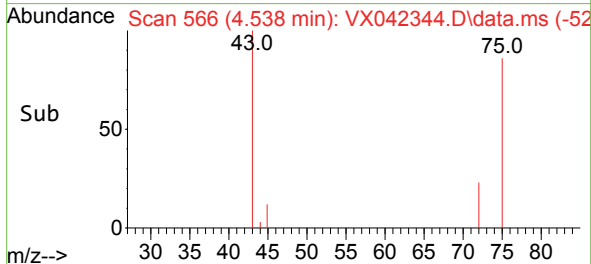
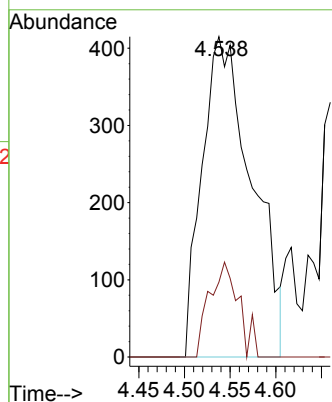
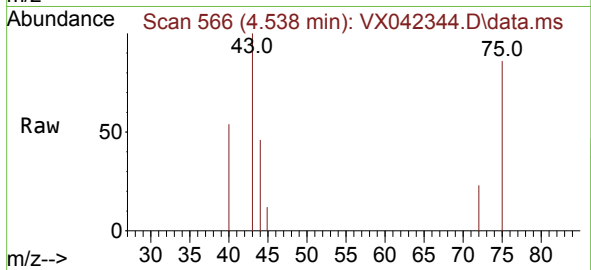




#25
2-Butanone
Concen: 1.702 ug/l
RT: 4.538 min Scan# 51
Delta R.T. -0.037 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

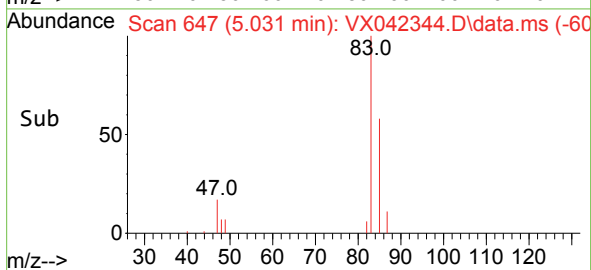
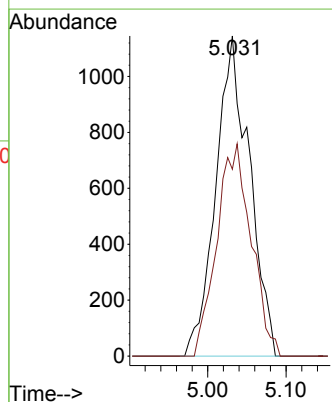
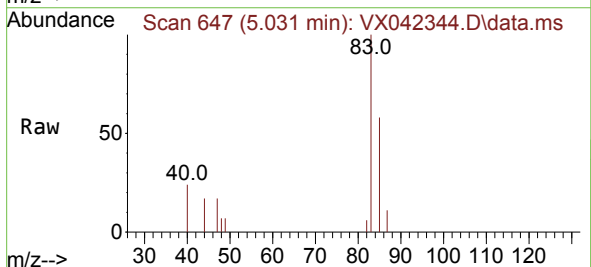
Instrument :
MSVOA_X
ClientSampleId :

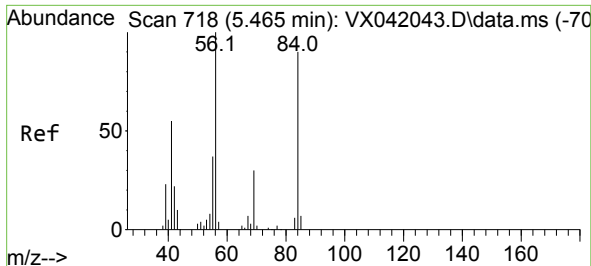
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
72 23.4 19.4 29.2



#30
Chloroform
Concen: 1.729 ug/l
RT: 5.031 min Scan# 647
Delta R.T. -0.067 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

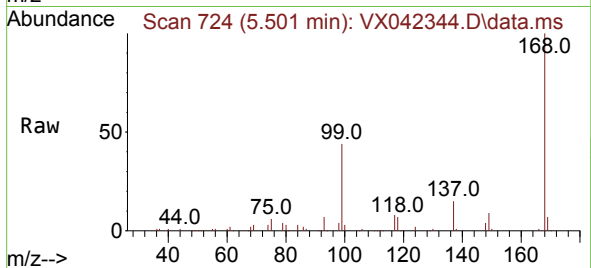
Tgt Ion: 83 Resp: 3422
Ion Ratio Lower Upper
83 100
85 58.3 50.3 75.5



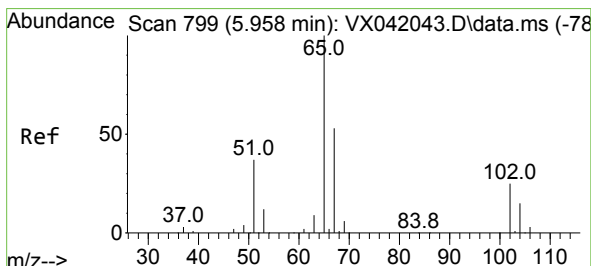
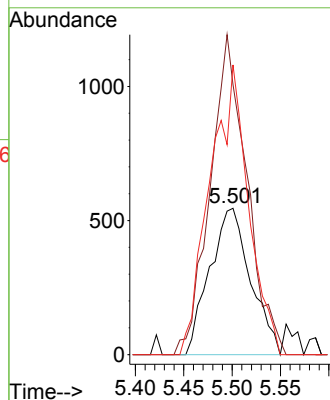
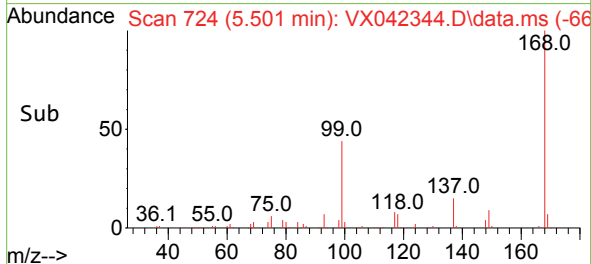


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.501 min Scan# 718
Delta R.T. 0.037 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

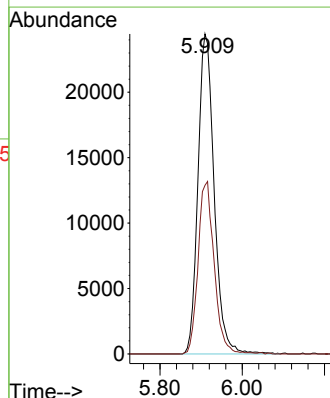
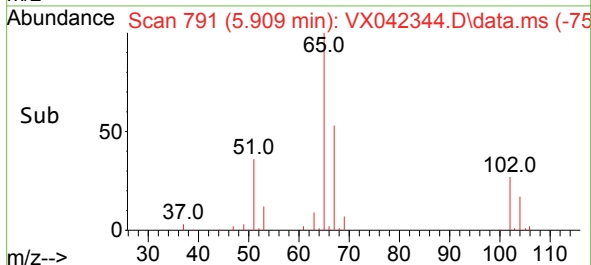
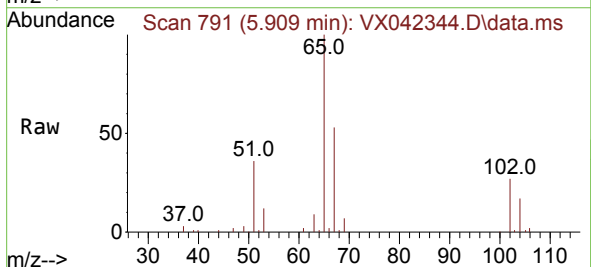


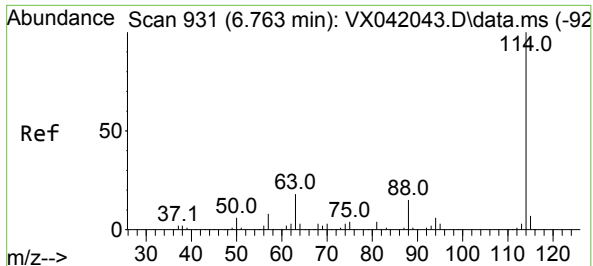
Tgt Ion: 56 Resp: 1604
Ion Ratio Lower Upper
56 100
69 174.9 23.4 35.2#
84 197.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.449 ug/l
RT: 5.909 min Scan# 791
Delta R.T. -0.049 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 65 Resp: 66891
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

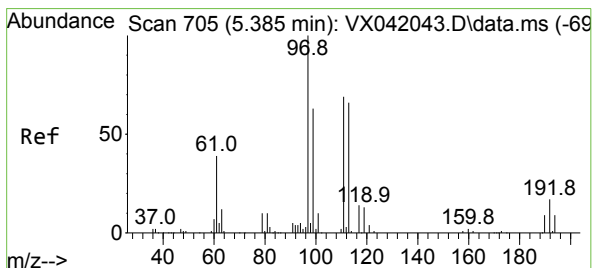
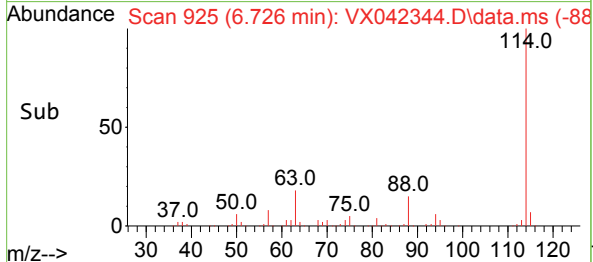
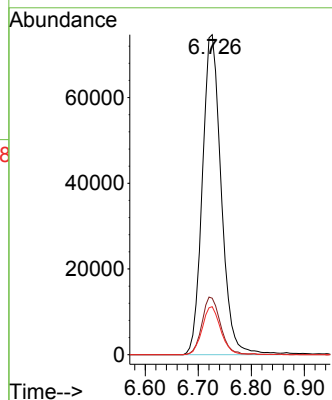
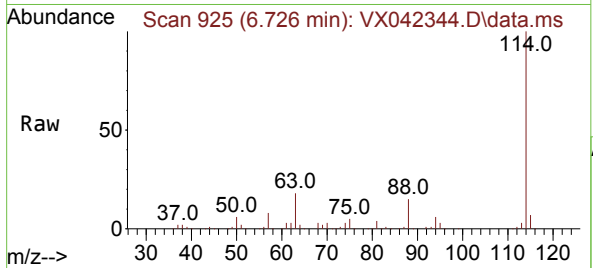




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.726 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

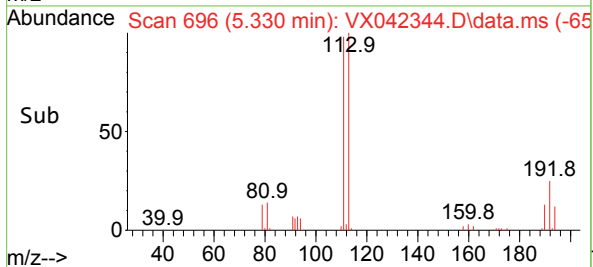
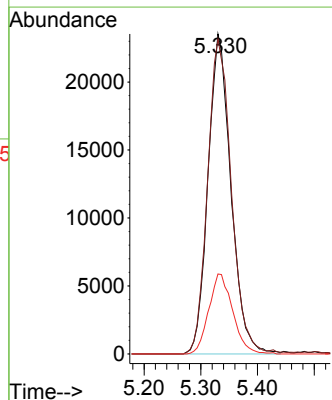
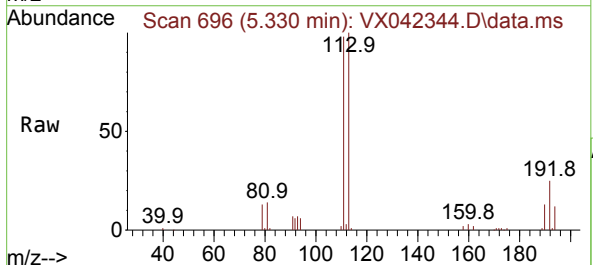
Instrument :
MSVOA_X
ClientSampleId :

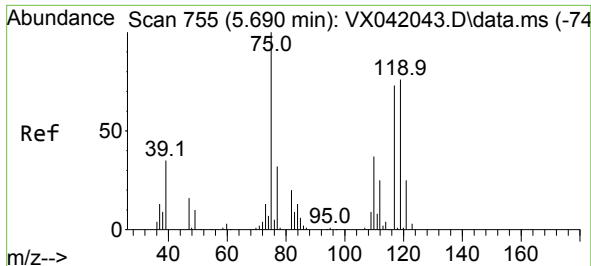
Tgt Ion:114 Resp: 184497
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.442 ug/l
RT: 5.330 min Scan# 696
Delta R.T. -0.061 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

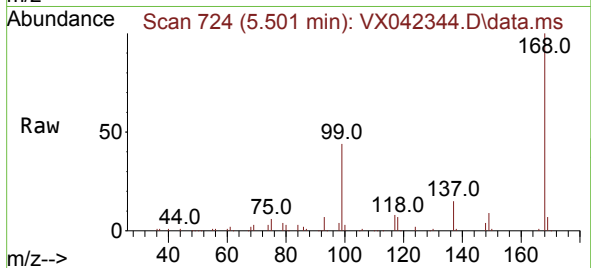
Tgt Ion:113 Resp: 66034
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 26.2 13.3 19.9#



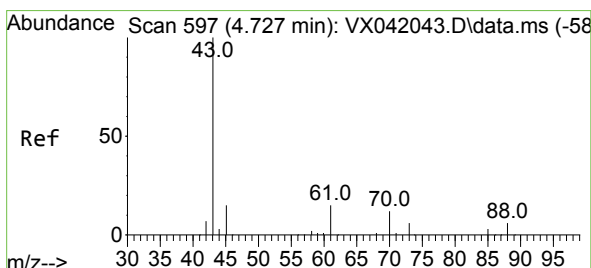
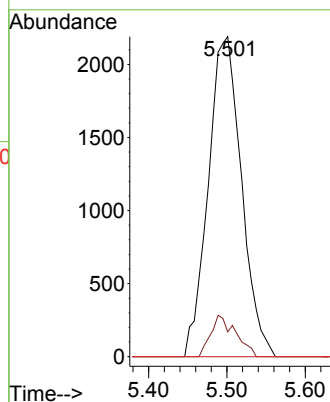
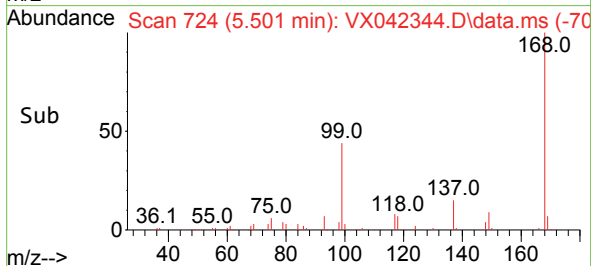


#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.501 min Scan# 71
Delta R.T. -0.189 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

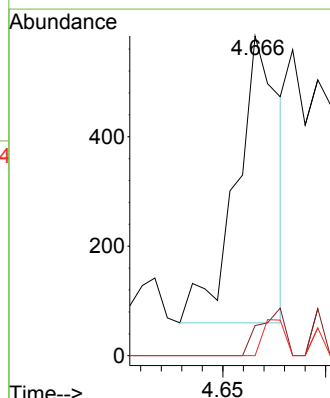
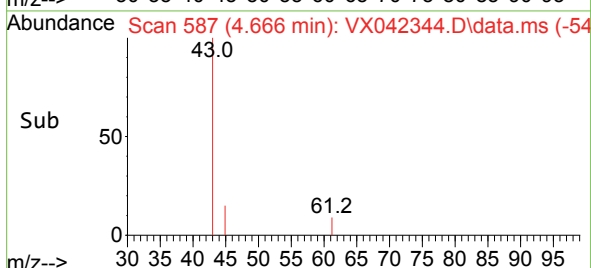
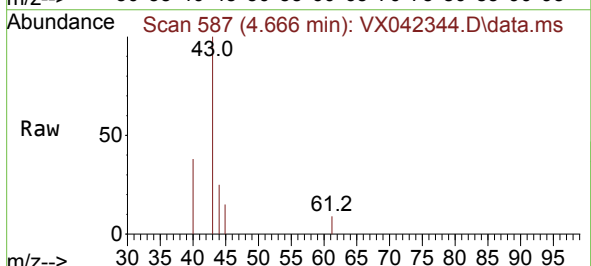


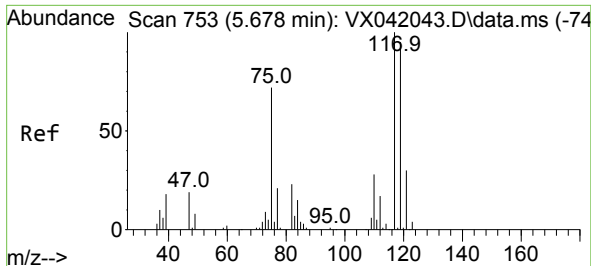
Tgt Ion: 75 Resp: 6462
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.416 ug/l
RT: 4.666 min Scan# 587
Delta R.T. -0.061 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

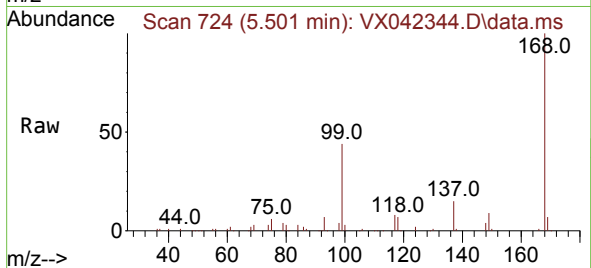
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
61 9.8 10.6 16.0#
70 6.4 8.3 12.5#



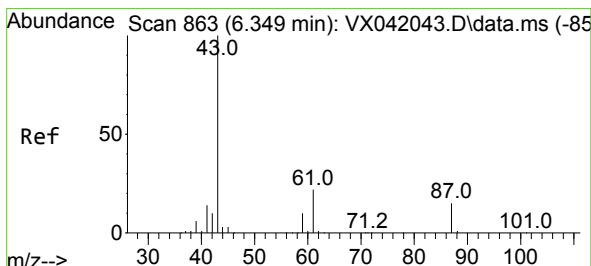
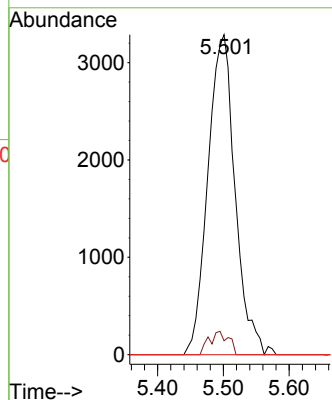
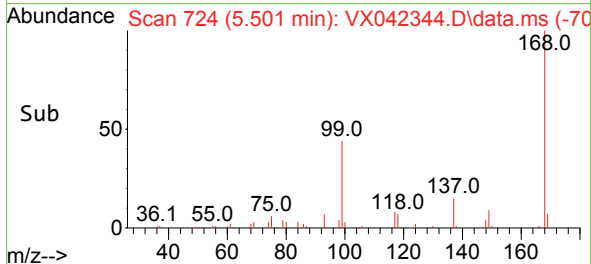


#38
Carbon Tetrachloride
Concen: 6.170 ug/l
RT: 5.501 min Scan# 71
Delta R.T. -0.177 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :

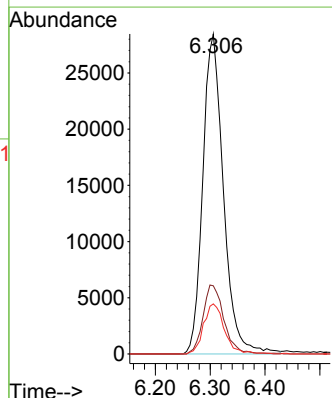
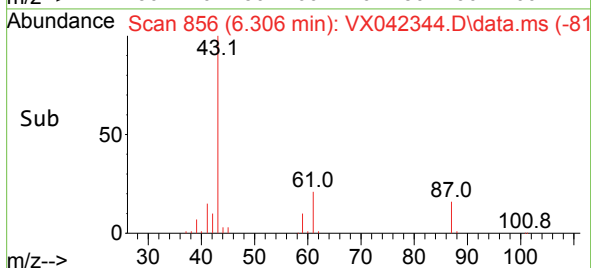
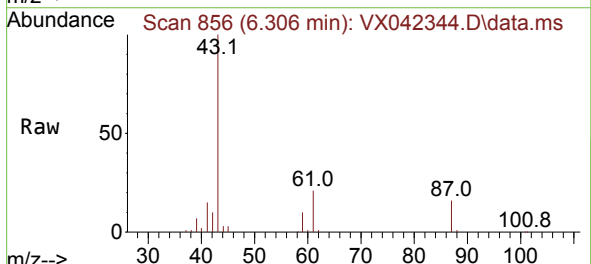


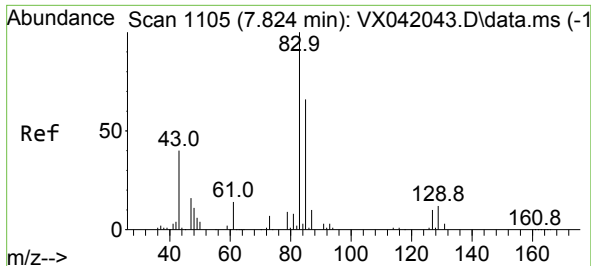
Tgt Ion:117 Resp: 9477
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 26.798 ug/l
RT: 6.306 min Scan# 856
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 43 Resp: 74488
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 15.8 9.8 14.6#

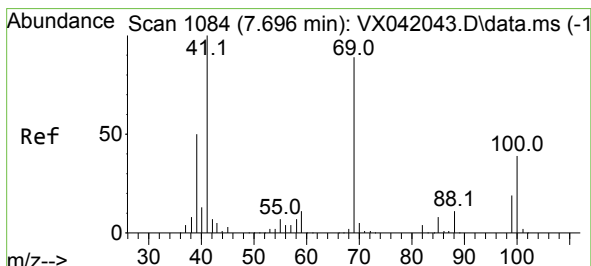
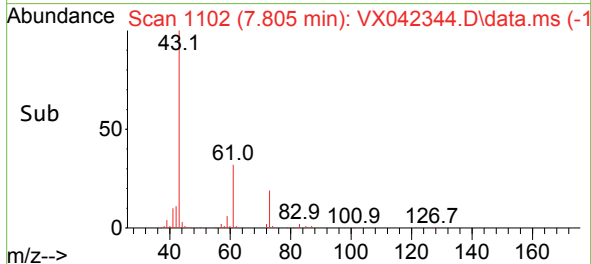
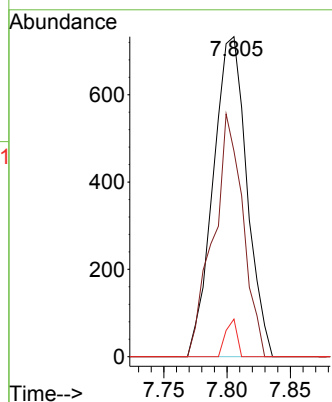
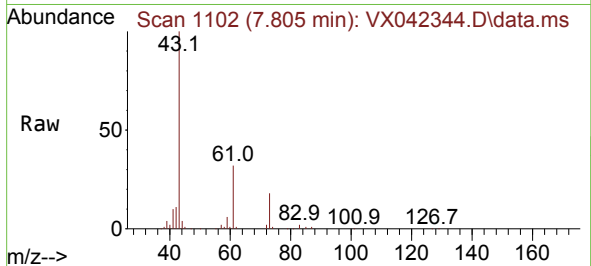




#47
Bromodichloromethane
Concen: 0.880 ug/l
RT: 7.805 min Scan# 1105
Delta R.T. -0.018 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

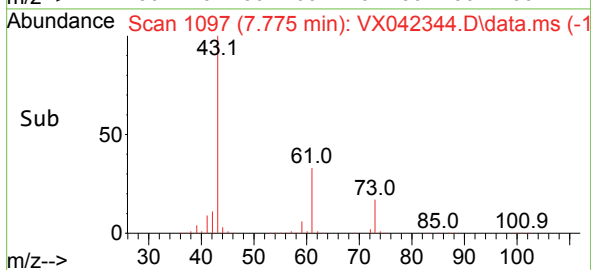
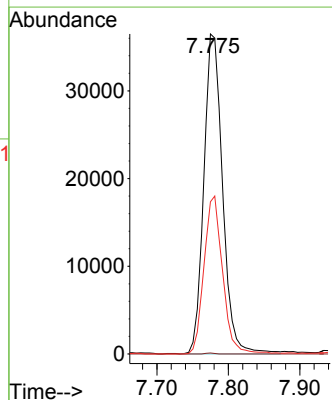
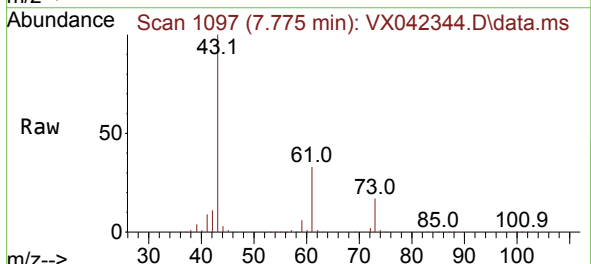
Instrument :
MSVOA_X
ClientSampleId :

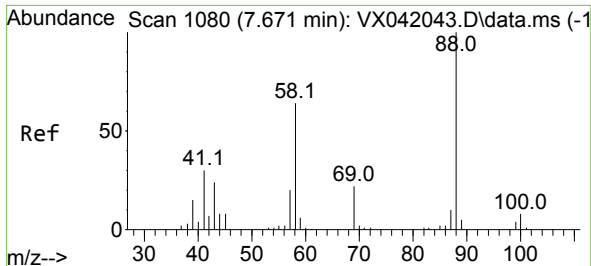
Tgt Ion: 83 Resp: 1357
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 11.7 7.1 10.7#



#48
Methyl methacrylate
Concen: 50.240 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. 0.079 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 41 Resp: 66646
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 49.0 47.7 71.5

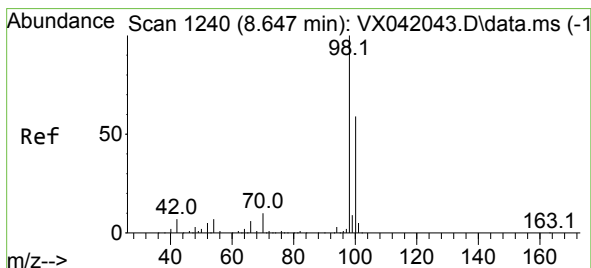
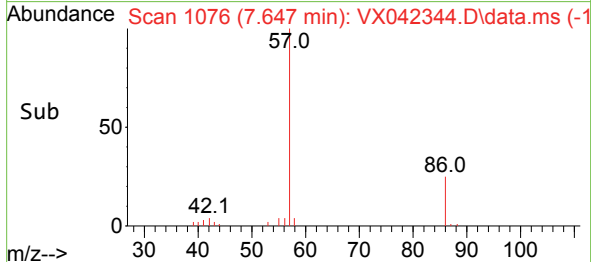
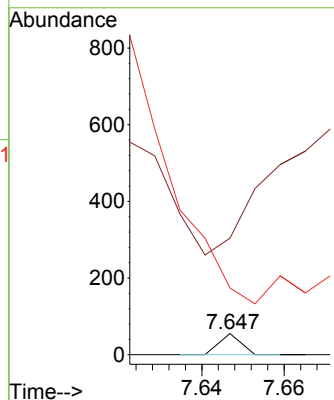
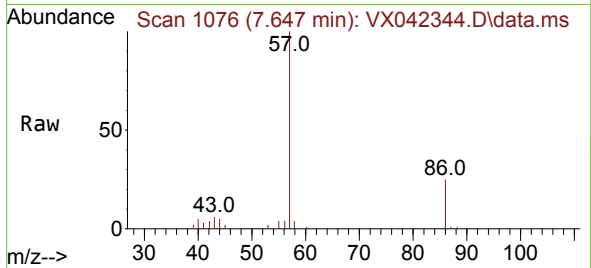




#49
1,4-Dioxane
Concen: 20.490 ug/l
RT: 7.647 min Scan# 1080
Delta R.T. -0.018 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

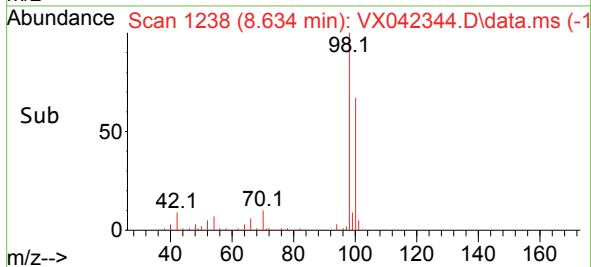
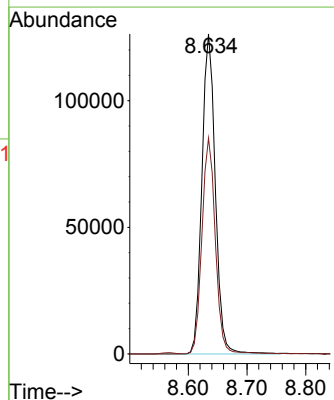
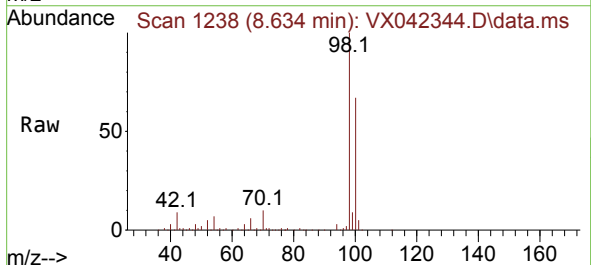
Instrument :
MSVOA_X
ClientSampleId :

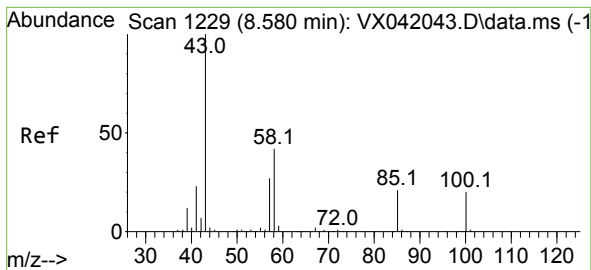
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 43.432 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.012 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 98 Resp: 199742
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

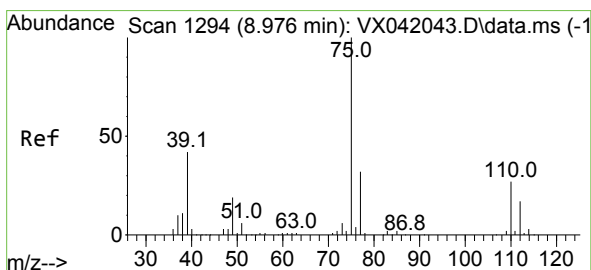
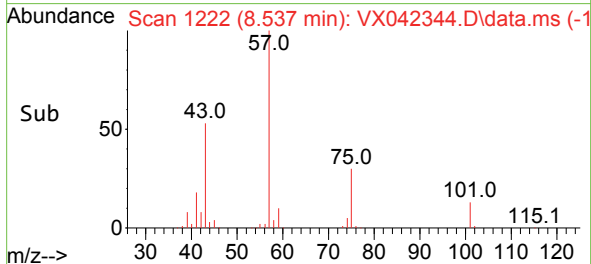
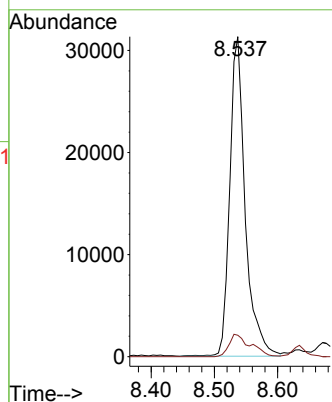
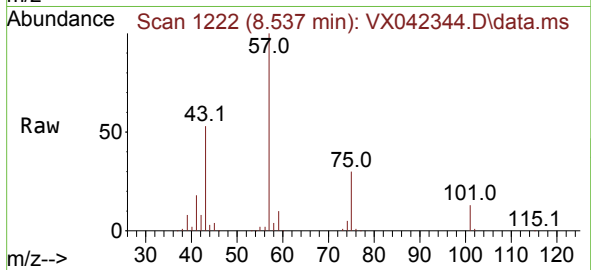




#51
4-Methyl-2-Pentanone
Concen: 27.697 ug/l
RT: 8.537 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

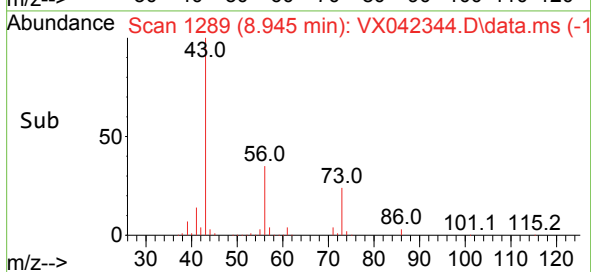
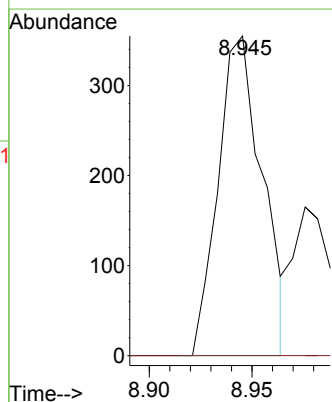
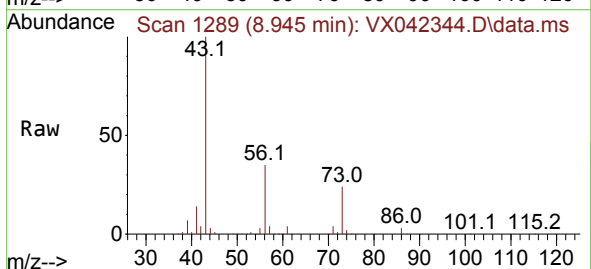
Instrument :
MSVOA_X
ClientSampleId :

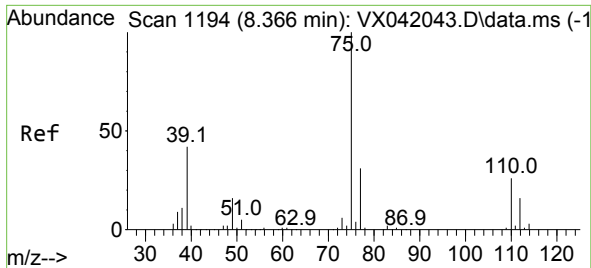
Tgt Ion: 43 Resp: 53031
Ion Ratio Lower Upper
43 100
58 9.9 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.219 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.037 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 75 Resp: 531
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

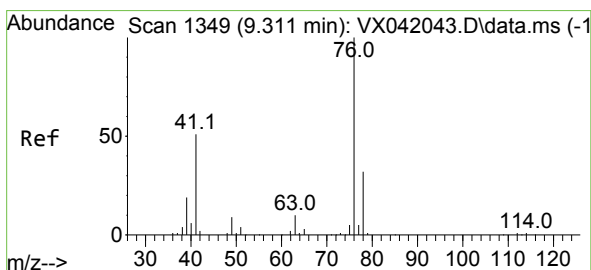
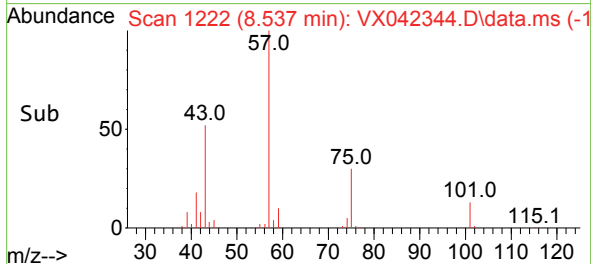
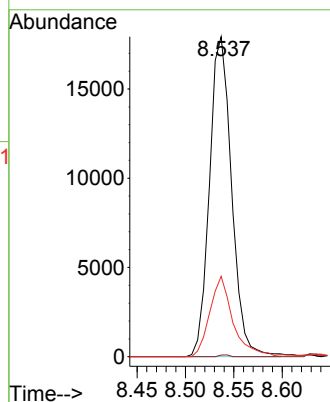
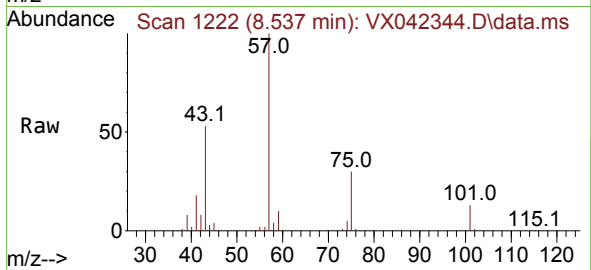




#54
cis-1,3-Dichloropropene
Concen: 16.913 ug/l
RT: 8.537 min Scan# 1194
Delta R.T. 0.171 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

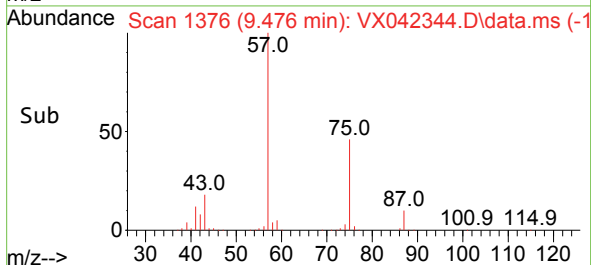
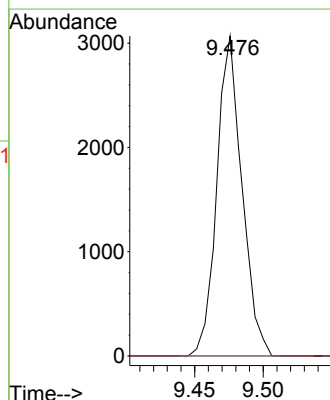
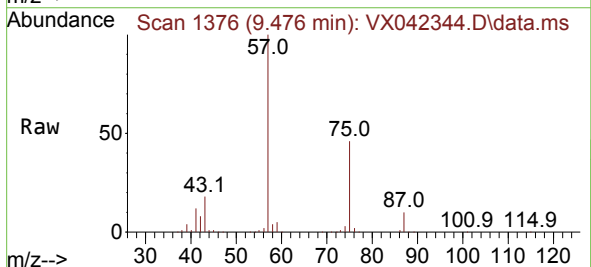
Instrument :
MSVOA_X
ClientSampleId :

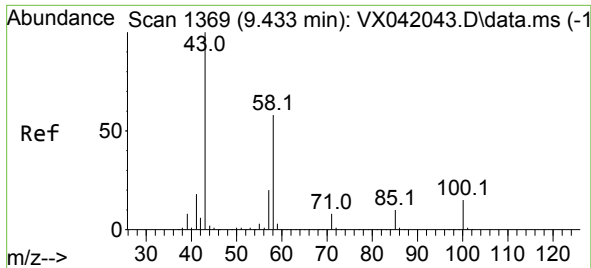
Tgt Ion: 75 Resp: 28555
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 25.1 46.7 70.1#



#57
1,3-Dichloropropane
Concen: 1.943 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.165 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 76 Resp: 3905
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

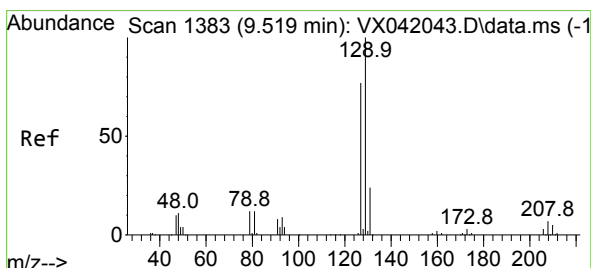
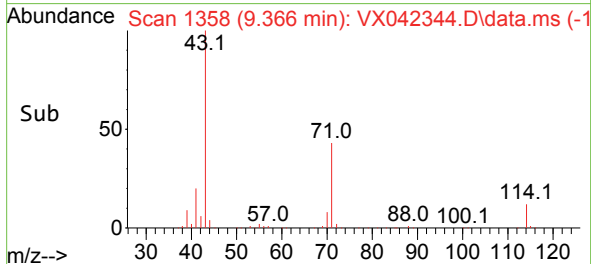
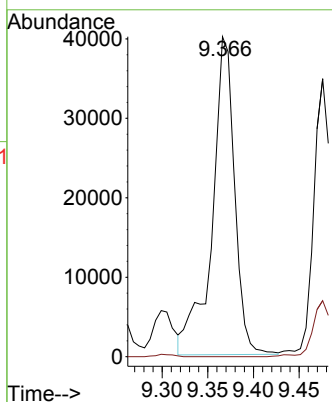
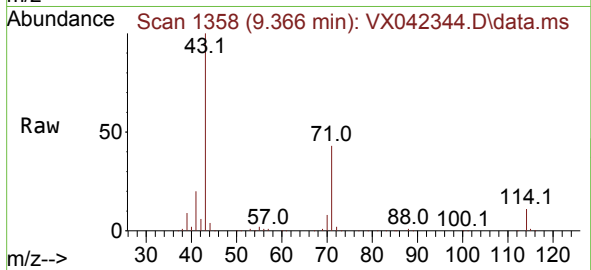




#59
2-Hexanone
Concen: 46.740 ug/l
RT: 9.366 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

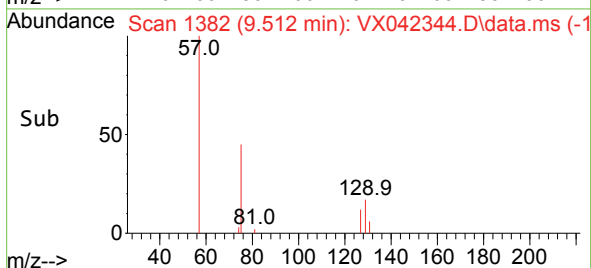
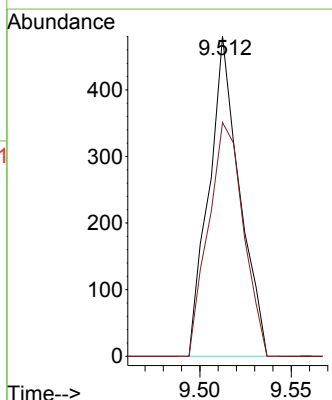
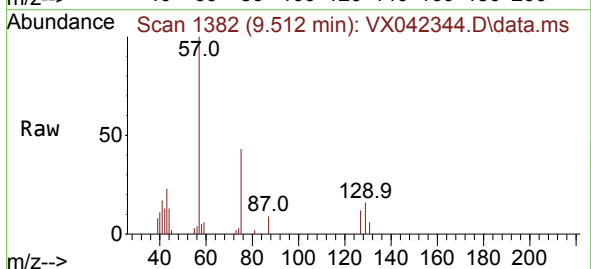
Instrument :
MSVOA_X
ClientSampleId :

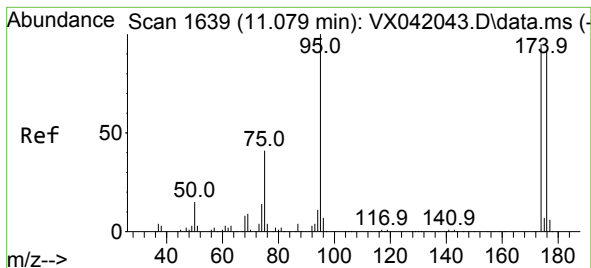
Tgt Ion: 43 Resp: 68544
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#60
Dibromochloromethane
Concen: 0.415 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.012 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 129 Resp: 560
Ion Ratio Lower Upper
129 100
127 83.2 38.8 116.4

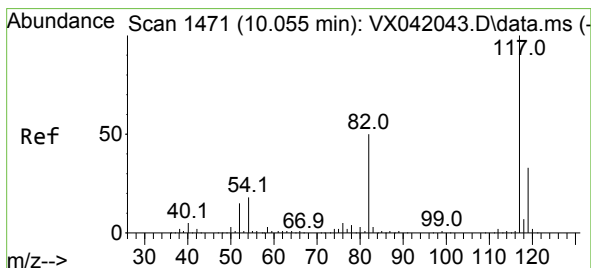
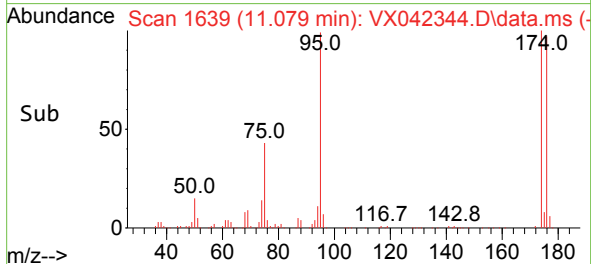
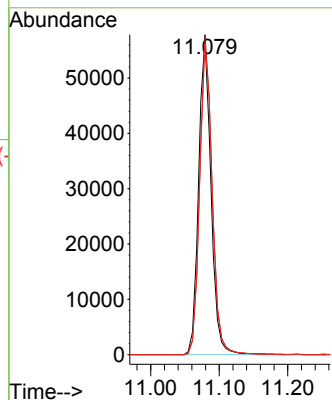
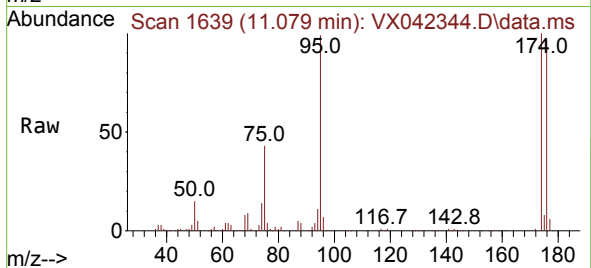




#62
4-Bromofluorobenzene
Concen: 42.613 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

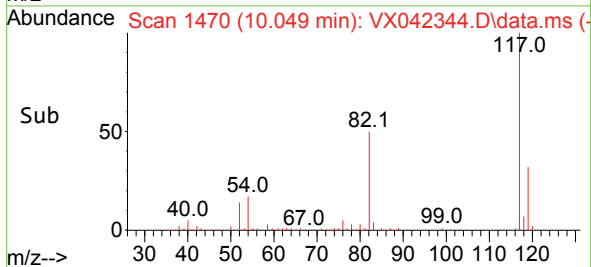
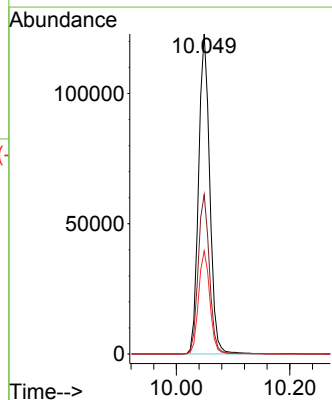
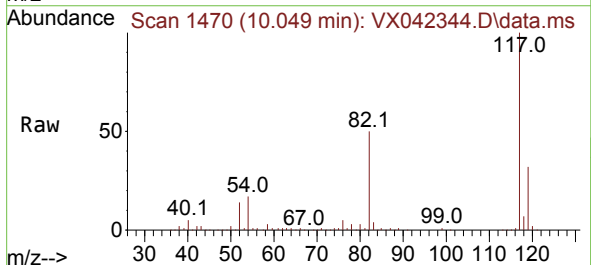
Instrument :
MSVOA_X
ClientSampleId :

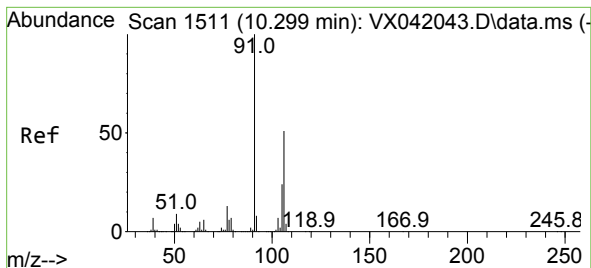
Tgt Ion: 95 Resp: 72242
Ion Ratio Lower Upper
95 100
174 100.7 0.0 135.6
176 99.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 117 Resp: 167757
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.2 25.5 38.3

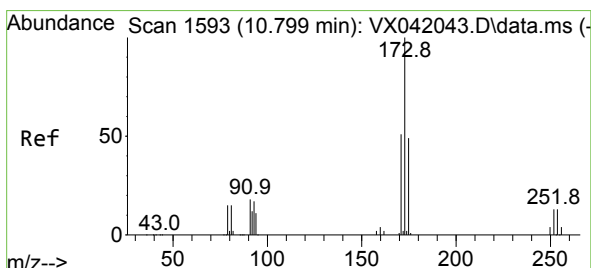
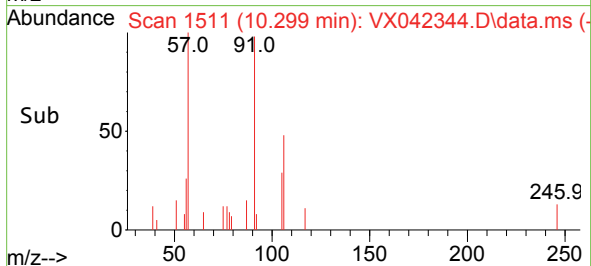
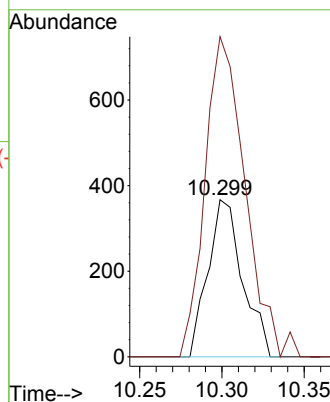
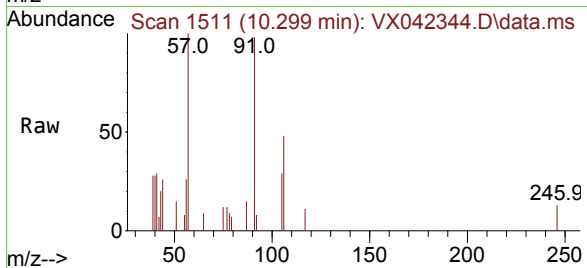




#68
m/p-Xylenes
Concen: 0.243 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

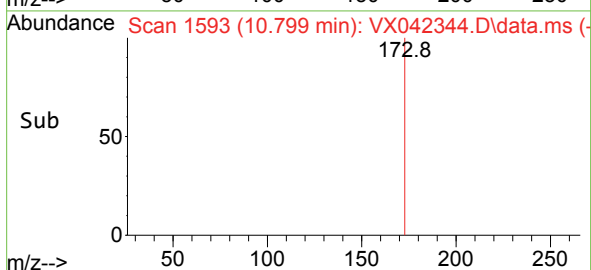
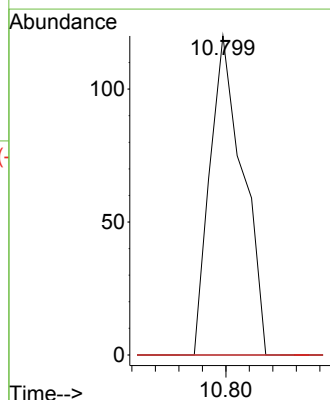
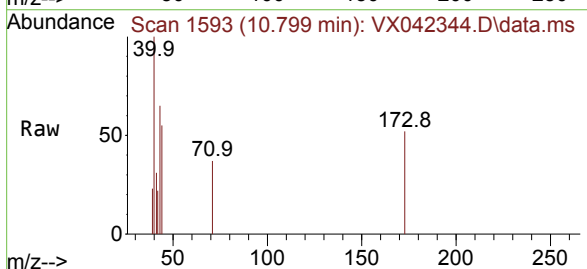
Instrument :
MSVOA_X
ClientSampleId :

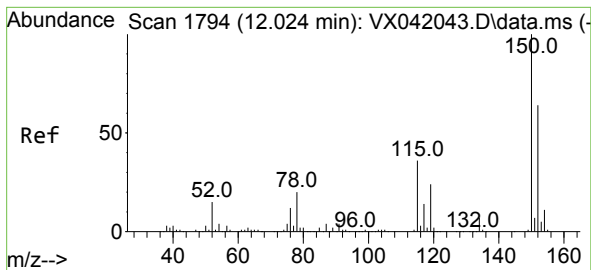
Tgt Ion:106 Resp: 537
Ion Ratio Lower Upper
106 100
91 236.7 165.5 248.3



#71
Bromoform
Concen: 0.977 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion:173 Resp: 117
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

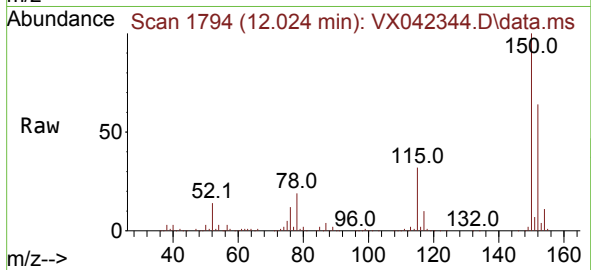
Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :



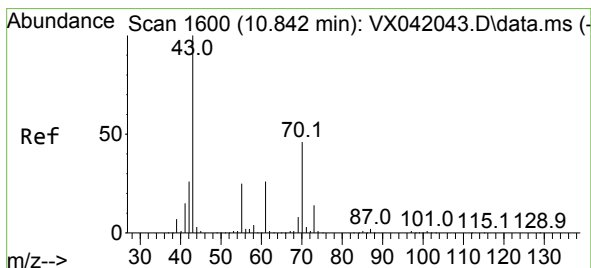
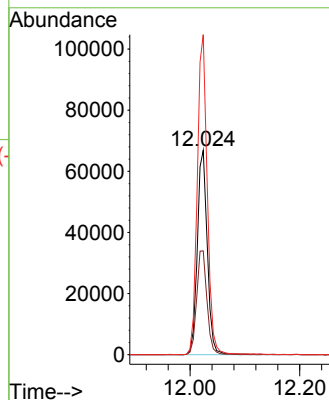
Tgt Ion:152 Resp: 84952

Ion Ratio Lower Upper

152 100

115 52.7 43.3 129.9

150 156.5 0.0 345.0



#74

N-ethyl acetate

Concen: 0.205 ug/l

RT: 10.817 min Scan# 1596

Delta R.T. -0.024 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Tgt Ion: 43 Resp: 470

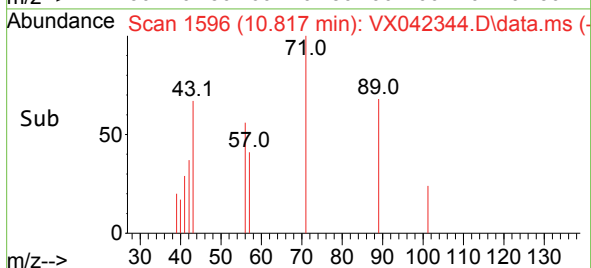
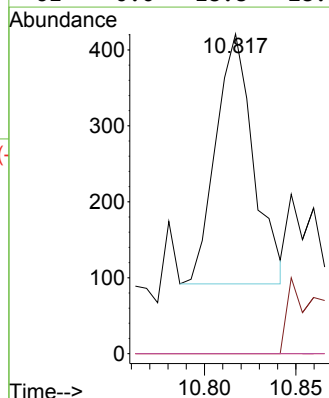
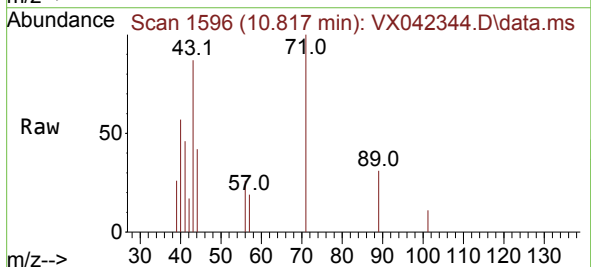
Ion Ratio Lower Upper

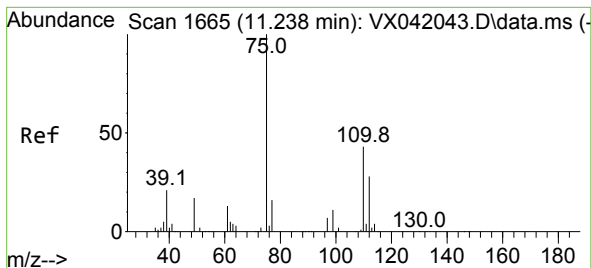
43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 20.904 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

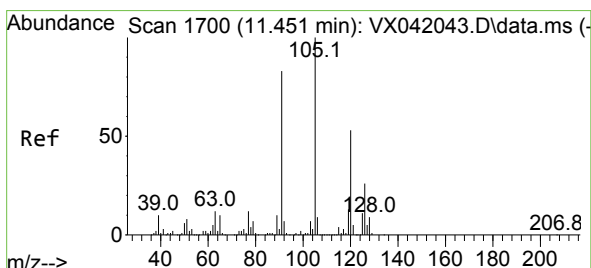
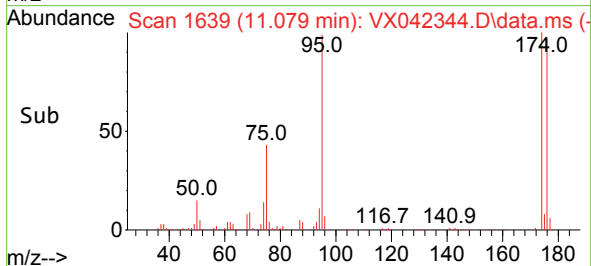
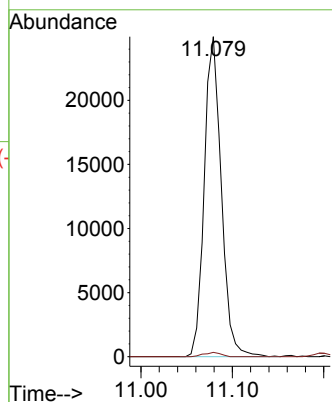
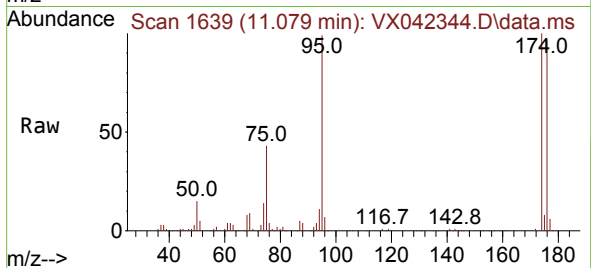
ClientSampleId :

Tgt Ion: 75 Resp: 32239

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.220 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042344.D

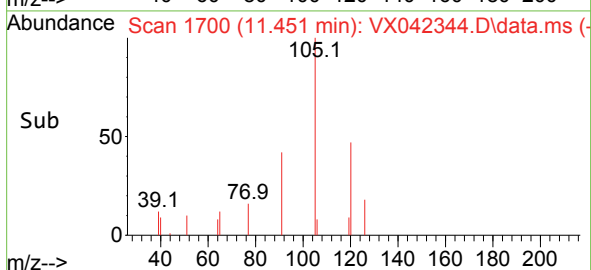
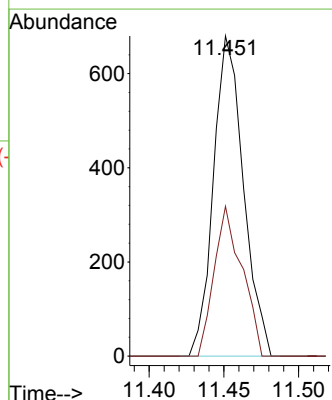
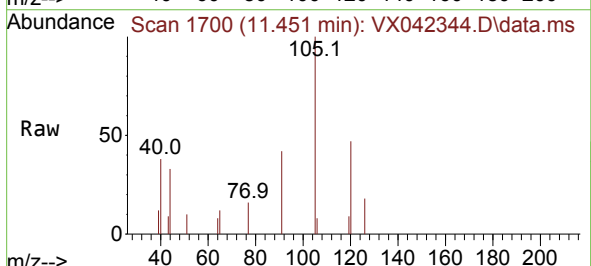
Acq: 16 Jul 2024 15:43

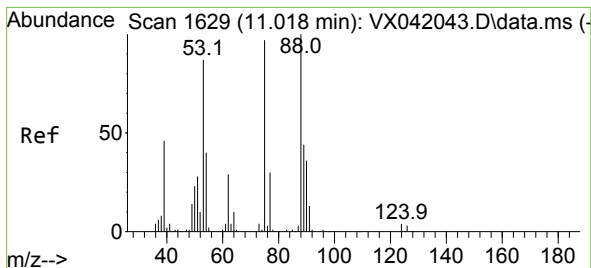
Tgt Ion: 105 Resp: 947

Ion Ratio Lower Upper

105 100

120 43.5 24.1 72.3

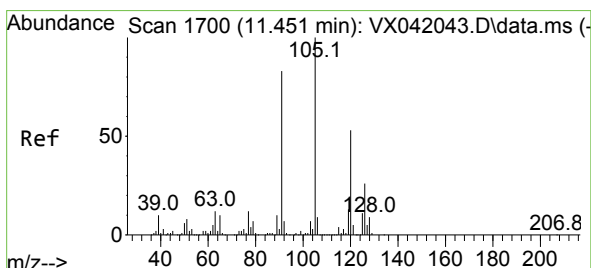
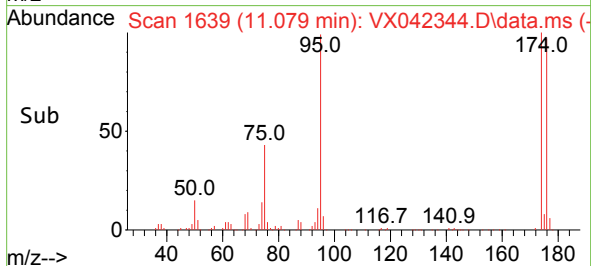
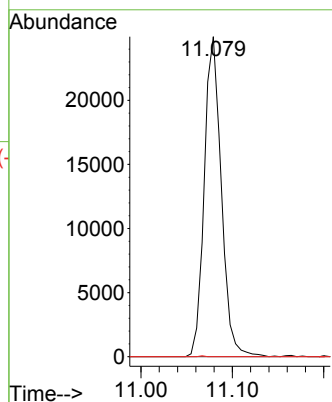
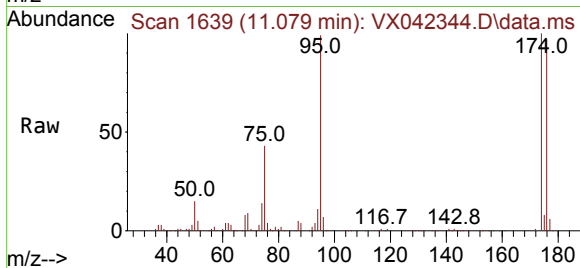




#81
trans-1,4-Dichloro-2-butene
Concen: 59.366 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

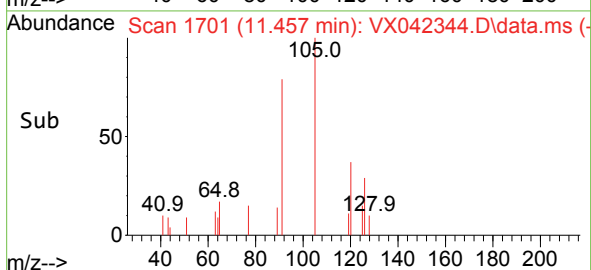
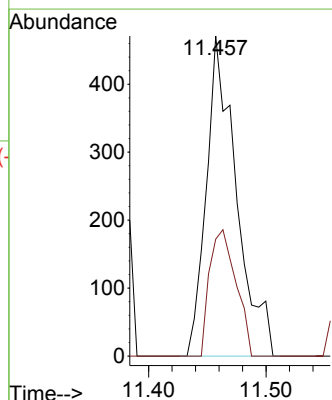
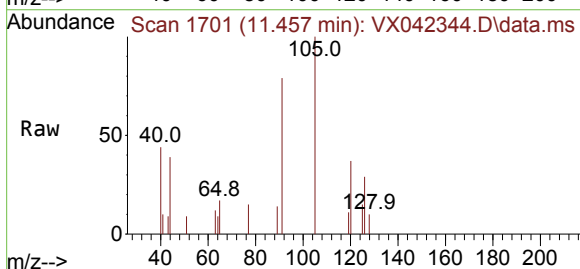
Instrument :
MSVOA_X
ClientSampleId :

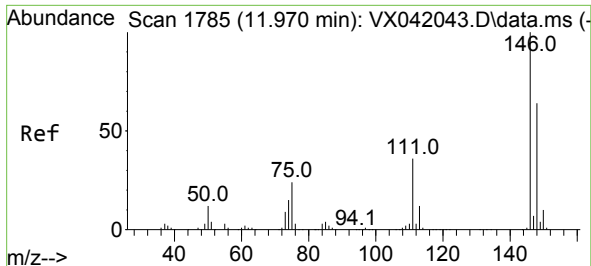
Tgt Ion: 75 Resp: 32239
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX042344.D
Acq: 16 Jul 2024 15:43

Tgt Ion: 91 Resp: 835
Ion Ratio Lower Upper
91 100
126 34.7 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.298 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

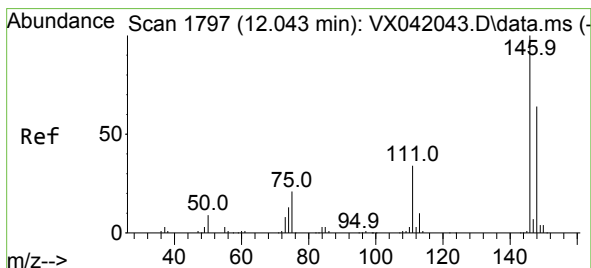
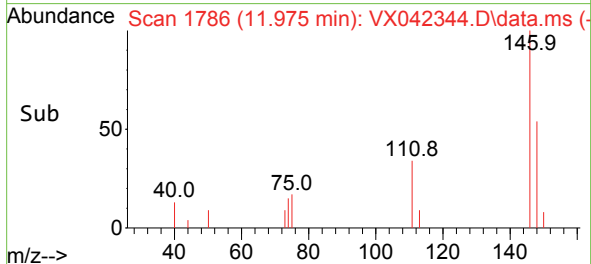
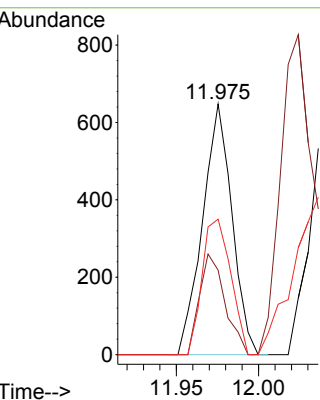
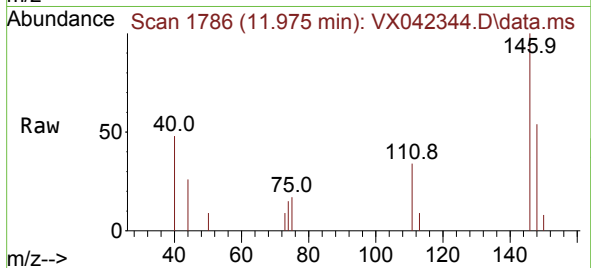
Tgt Ion:146 Resp: 806

Ion Ratio Lower Upper

146 100

111 34.6 22.1 66.1

148 52.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.291 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

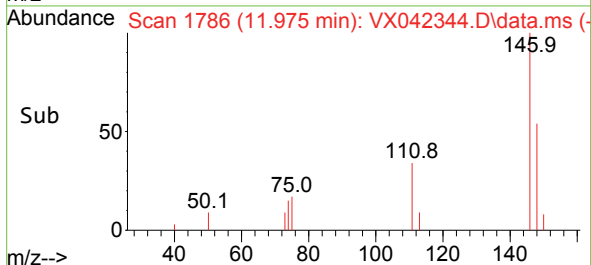
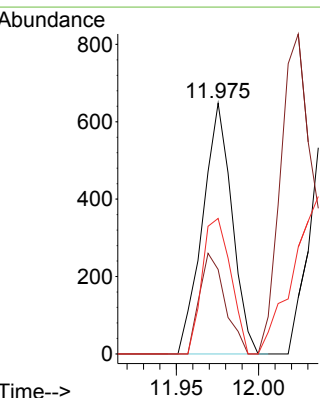
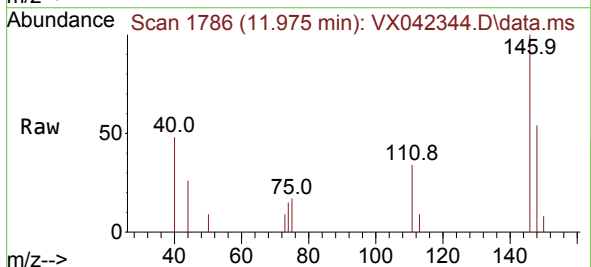
Tgt Ion:146 Resp: 806

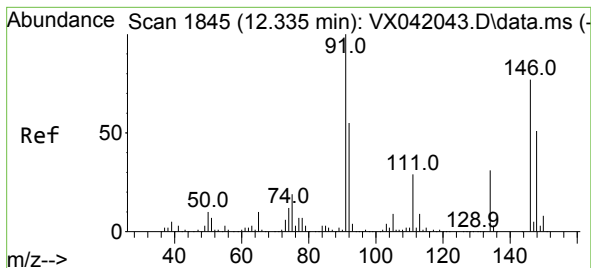
Ion Ratio Lower Upper

146 100

111 34.6 21.3 63.7

148 52.5 31.8 95.4





#89

n-Butylbenzene

Concen: 0.242 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX042344.D

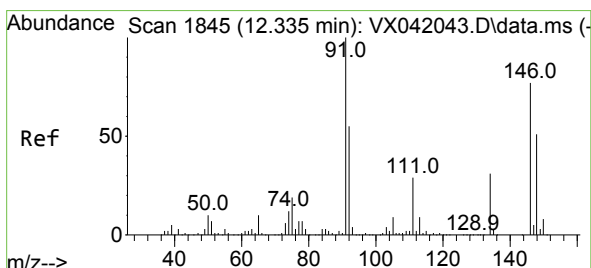
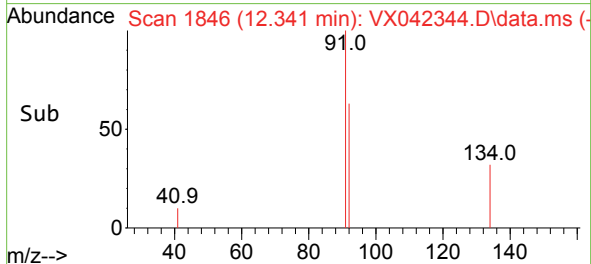
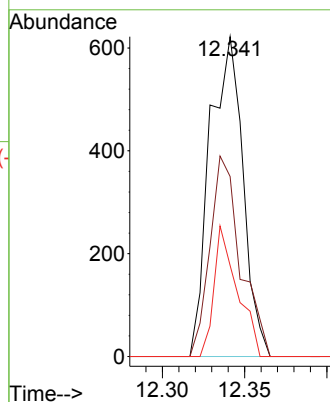
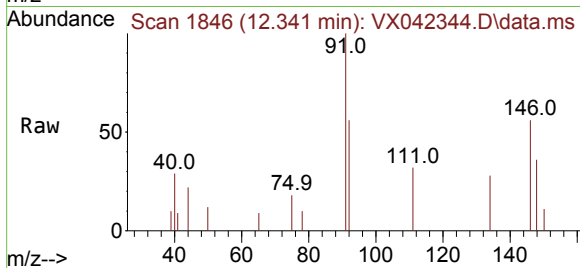
Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	870
Ion	Ratio	Lower Upper
91	100	
92	58.3	27.4 82.0
134	28.7	12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.219 ug/l

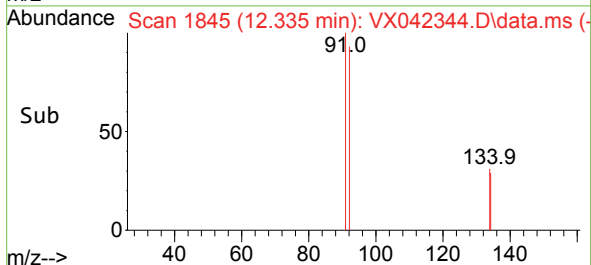
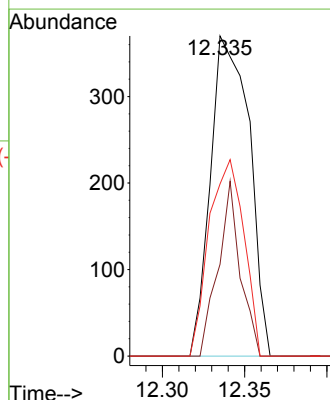
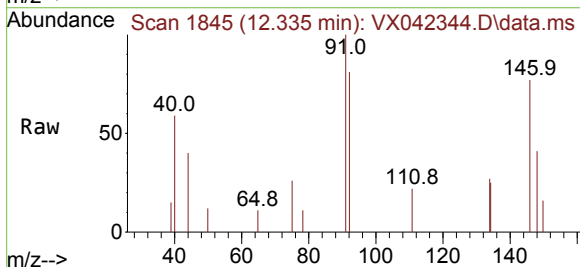
RT: 12.335 min Scan# 1845

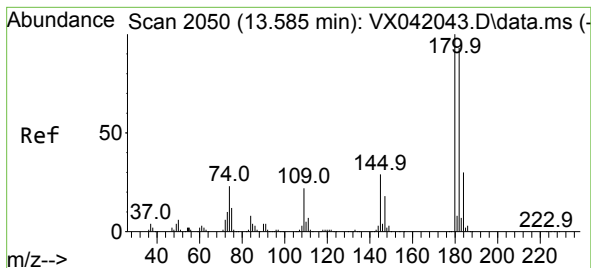
Delta R.T. -0.000 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Tgt Ion: 146	Resp:	606
Ion	Ratio	Lower Upper
146	100	
111	31.2	22.4 67.0
148	55.3	31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.427 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

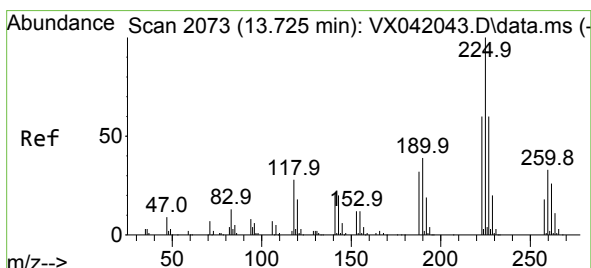
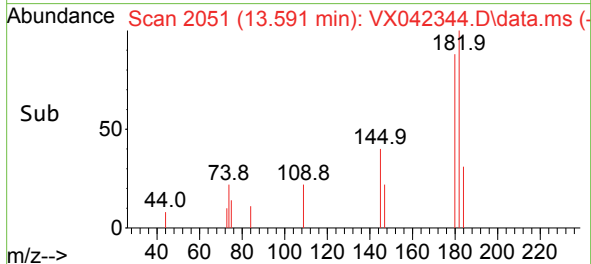
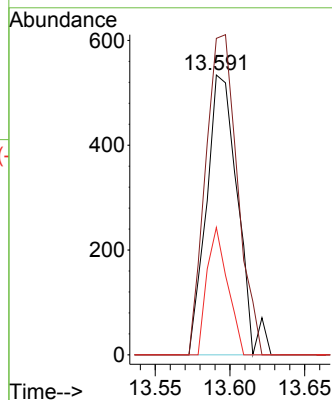
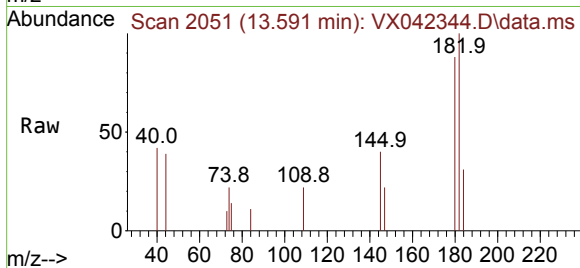
Tgt Ion:180 Resp: 774

Ion Ratio Lower Upper

180 100

182 117.1 48.3 144.8

145 30.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.452 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

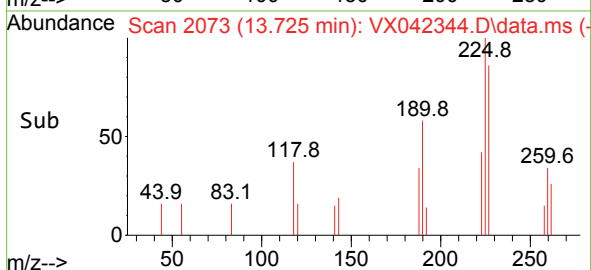
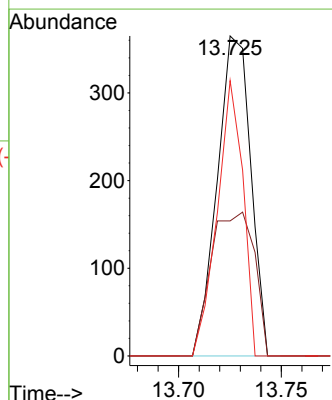
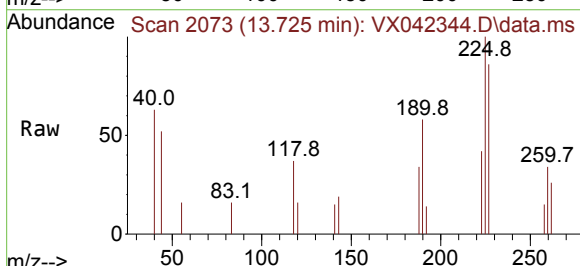
Tgt Ion:225 Resp: 414

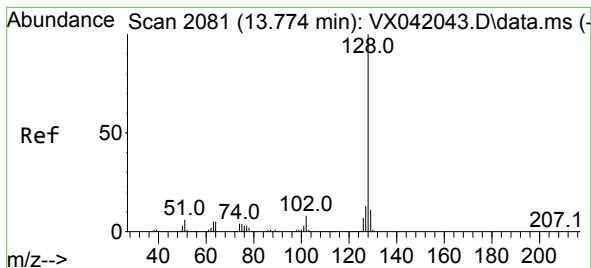
Ion Ratio Lower Upper

225 100

223 58.0 31.1 93.2

227 65.9 32.5 97.5





#95

Naphthalene

Concen: 1.458 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX042344.D

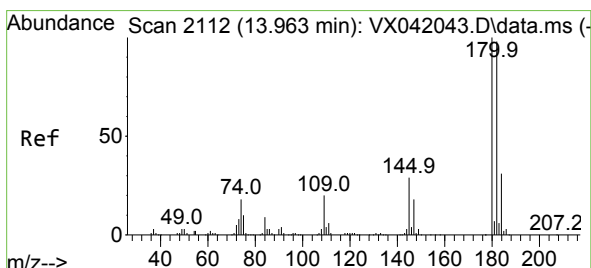
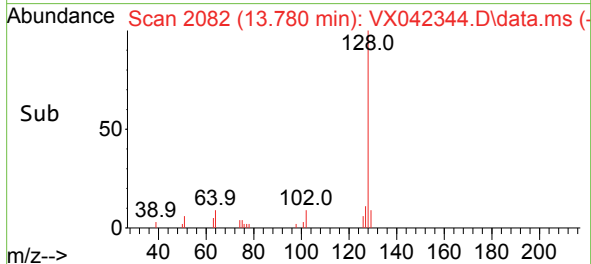
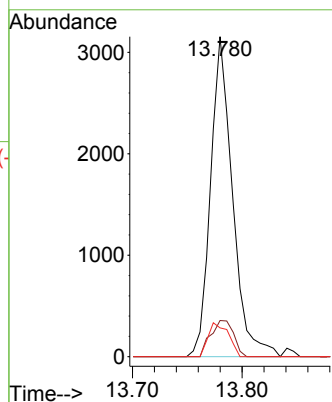
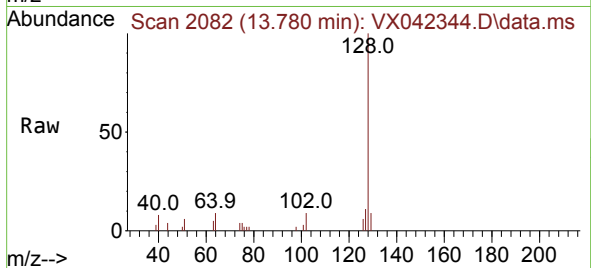
Acq: 16 Jul 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4391
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.3 15.5
129	9.7	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.463 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042344.D

Acq: 16 Jul 2024 15:43

Tgt Ion:180	Resp:	885
Ion Ratio	Lower	Upper
180	100	
182	95.9	46.9 140.6
145	24.5	17.8 53.5

