

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041206.D
 Acq On : 23 Apr 2024 10:57
 Operator : JC/MD
 Sample : VX0423MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:43:04 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)

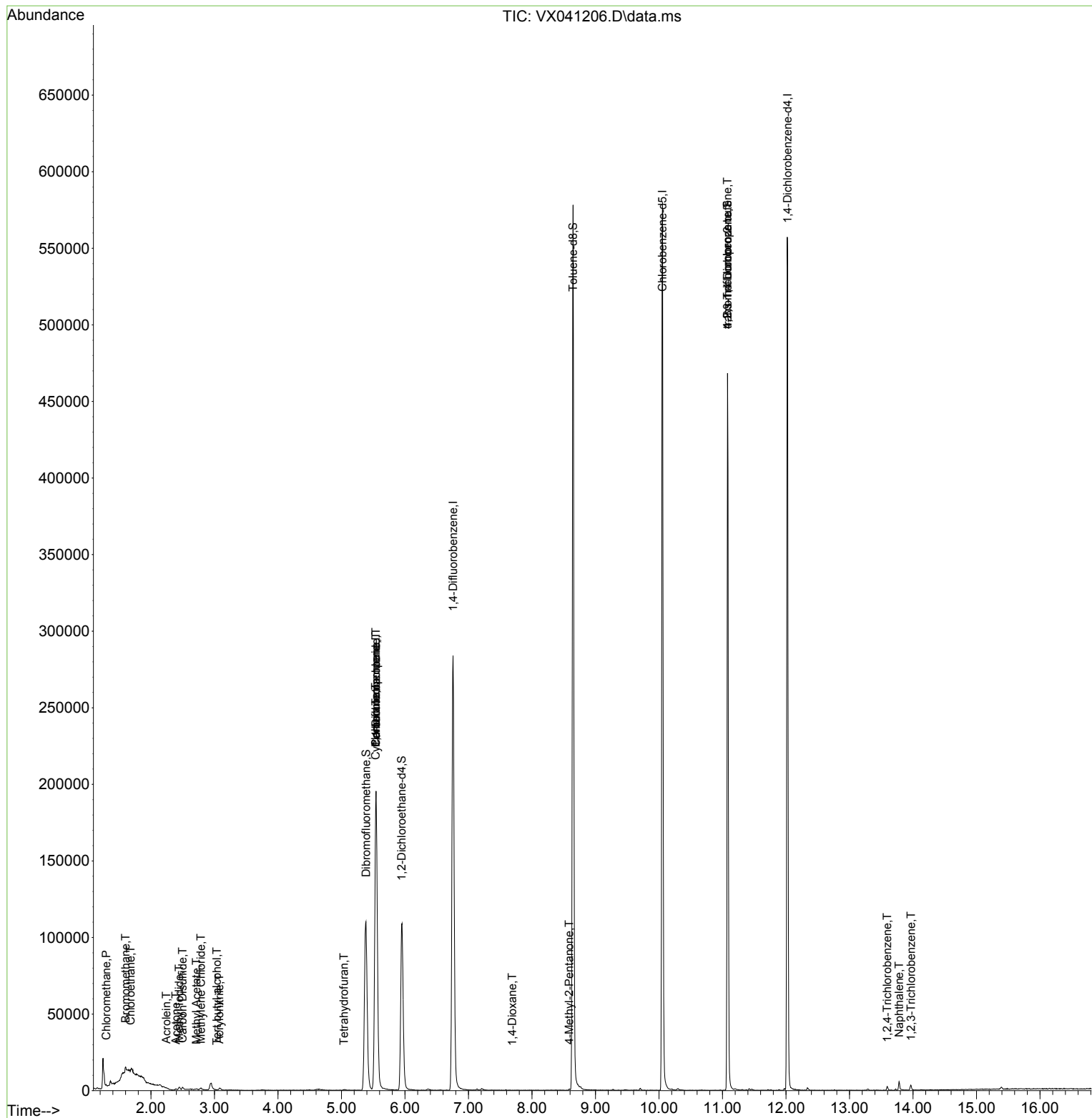
Internal Standards						
1) Pentafluorobenzene	5.544	168	217161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	319849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109396	52.920	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.840%	
35) Dibromofluoromethane	5.385	113	97830	50.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.647	98	364981	55.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	11.079	95	116467	48.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	620	0.333	ug/l	96
5) Bromomethane	1.599	94	1854	1.771	ug/l	99
6) Chloroethane	1.679	64	293	0.415	ug/l	# 53
10) Methyl Iodide	2.447	142	2339	1.144	ug/l	# 87
11) Tert butyl alcohol	3.038	59	172	0.464	ug/l	# 78
13) Acrolein	2.240	56	883	2.125	ug/l	# 33
15) Acrylonitrile	3.075	53	629	0.665	ug/l	# 94
16) Acetone	2.392	43	822	1.092	ug/l	96
17) Carbon Disulfide	2.496	76	2671	0.808	ug/l	# 94
18) Methyl Acetate	2.715	43	741	0.333	ug/l	# 87
20) Methylene Chloride	2.788	84	594	0.323	ug/l	# 82
29) Tetrahydrofuran	5.038	42	235	0.268	ug/l	# 72
31) Cyclohexane	5.538	56	3249	1.168	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12584	5.055	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	18326	6.591	ug/l	# 14
49) 1,4-Dioxane	7.690	88	26	0.580	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.586	43	594	0.216	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	60138	28.221	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	60138	79.620	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	979	0.328	ug/l	90
95) Naphthalene	13.780	128	4863	0.567	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	1414	0.449	ug/l	91

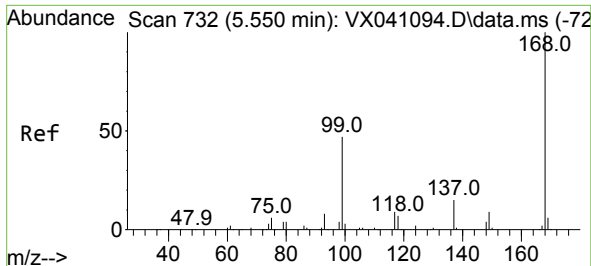
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
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Acq On : 23 Apr 2024 10:57
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Sample : VX0423MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 24 01:43:04 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

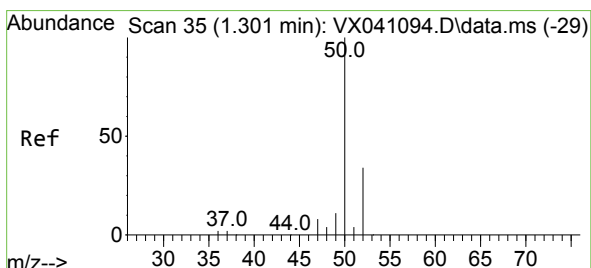
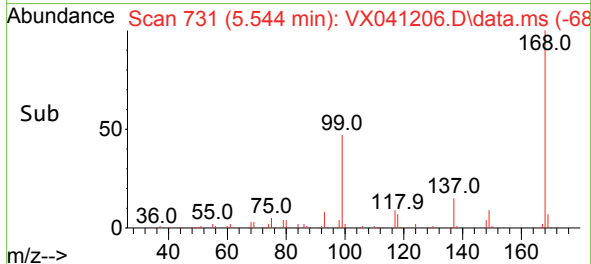
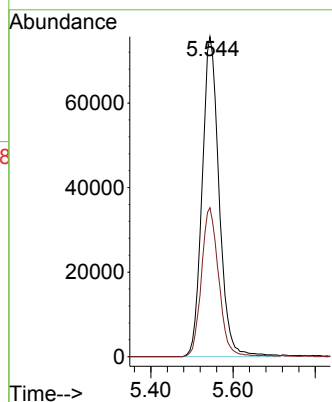
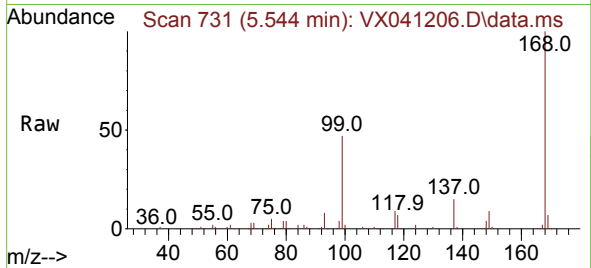




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

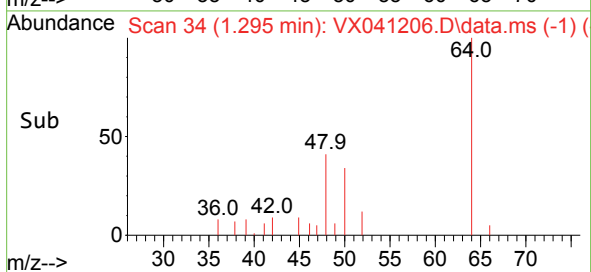
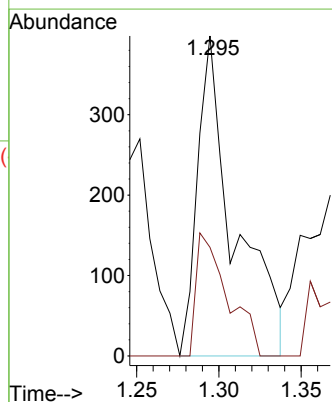
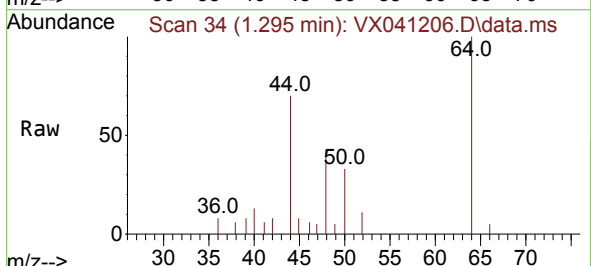
Instrument :
MSVOA_X
ClientSampleId :

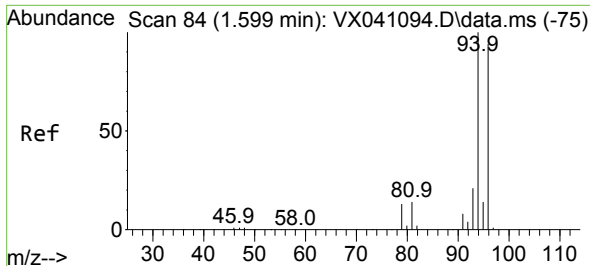
Tgt Ion:168 Resp: 217161
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

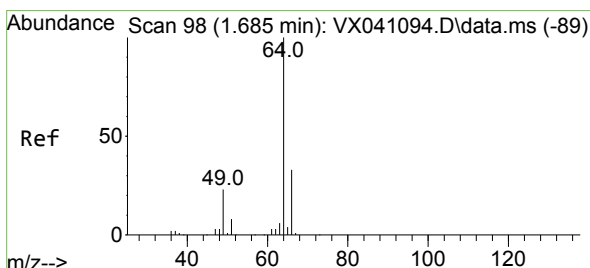
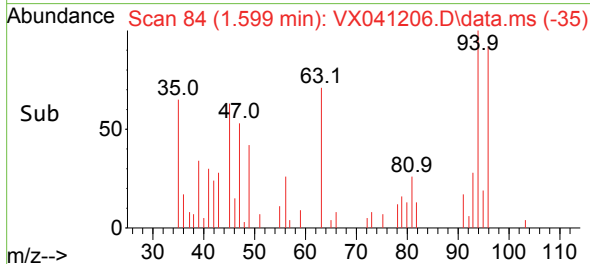
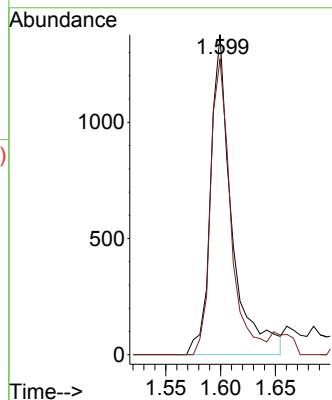
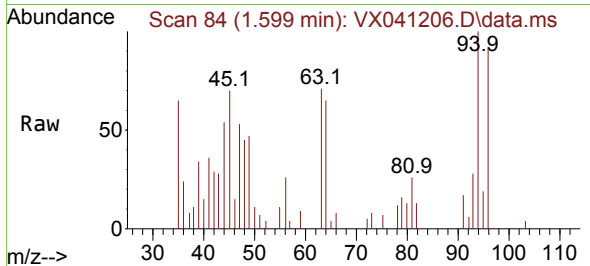




#5
Bromomethane
Concen: 1.771 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

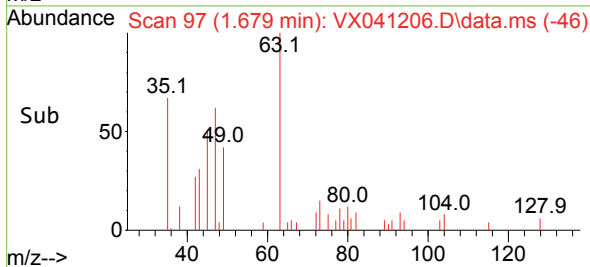
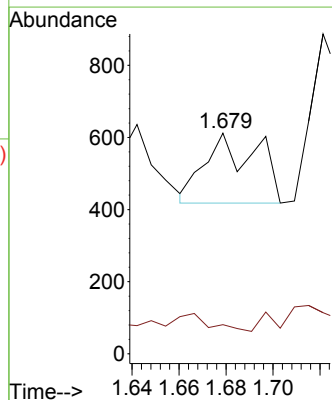
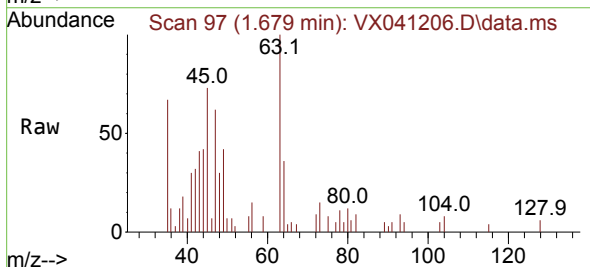
Instrument :
MSVOA_X
ClientSampleId :

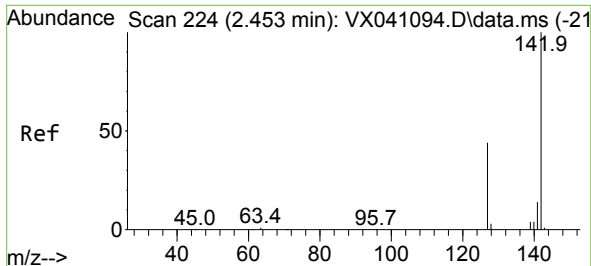
Tgt Ion: 94 Resp: 1854
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8



#6
Chloroethane
Concen: 0.415 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

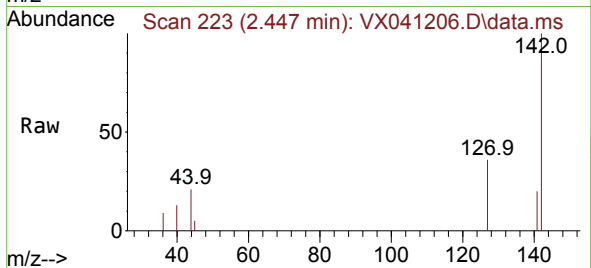
Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 5.2 25.1 37.7#



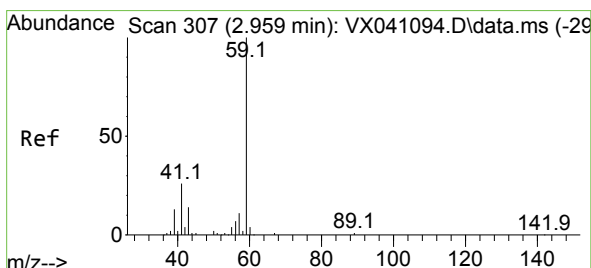
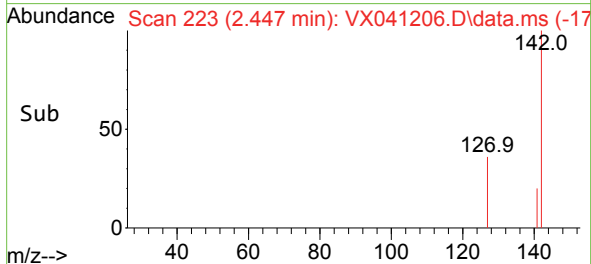
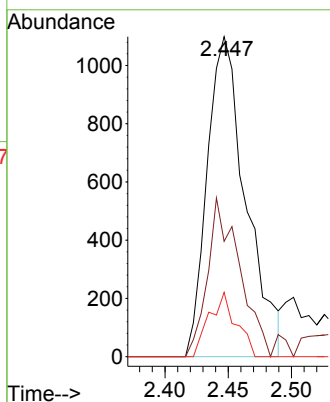


#10
Methyl Iodide
Concen: 1.144 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Instrument :
MSVOA_X
ClientSampleId :

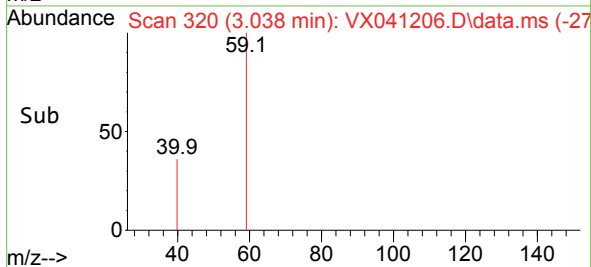
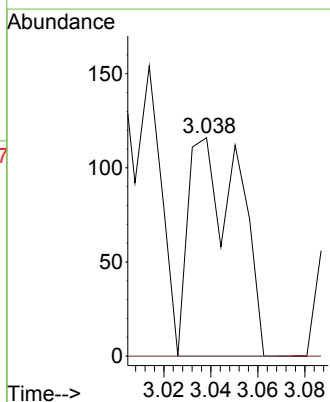
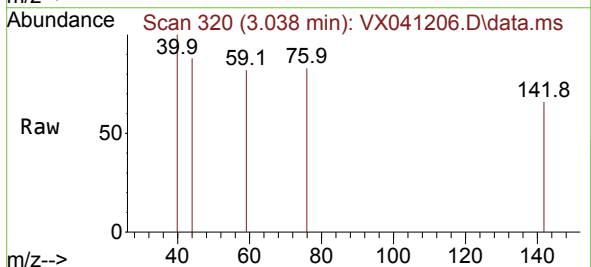


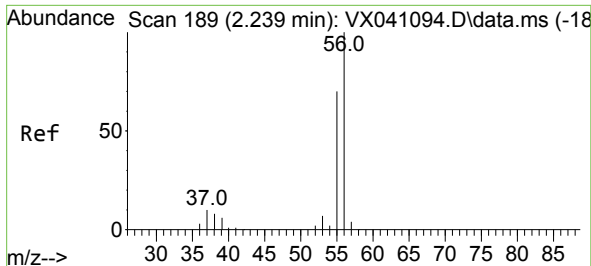
Tgt Ion:142 Resp: 2339
Ion Ratio Lower Upper
142 100
127 41.0 41.6 62.4#
141 13.9 11.6 17.4



#11
Tert butyl alcohol
Concen: 0.464 ug/l
RT: 3.038 min Scan# 320
Delta R.T. -0.024 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 2.125 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041206.D

Acq: 23 Apr 2024 10:57

Instrument :

MSVOA_X

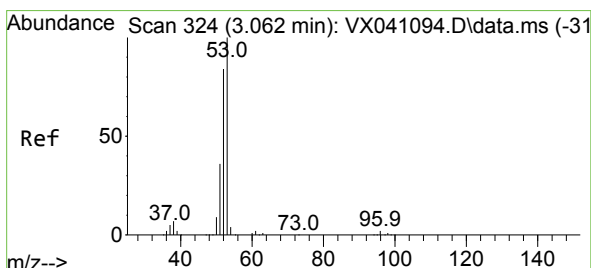
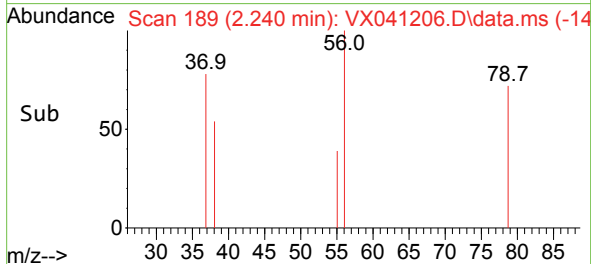
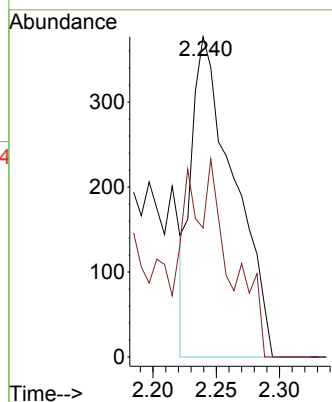
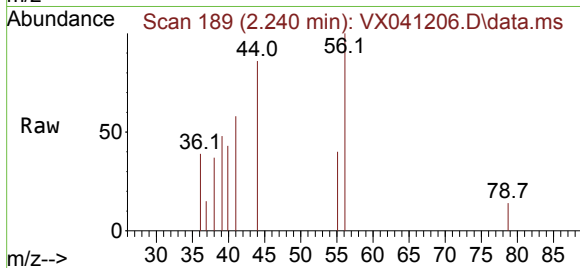
ClientSampleId :

Tgt Ion: 56 Resp: 883

Ion Ratio Lower Upper

56 100

55 15.7 57.1 85.7#



#15

Acrylonitrile

Concen: 0.665 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041206.D

Acq: 23 Apr 2024 10:57

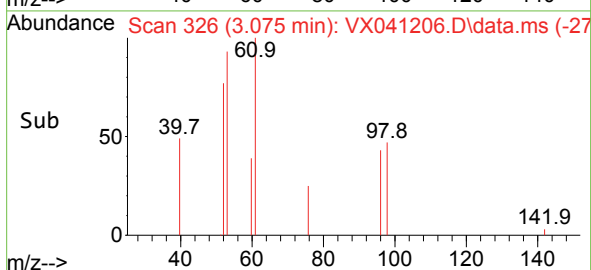
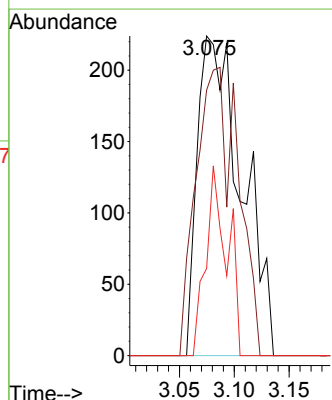
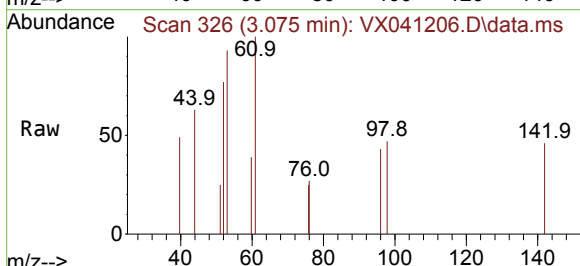
Tgt Ion: 53 Resp: 629

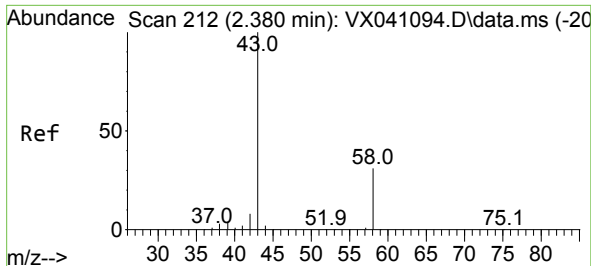
Ion Ratio Lower Upper

53 100

52 84.7 66.0 99.0

51 28.8 29.8 44.6#

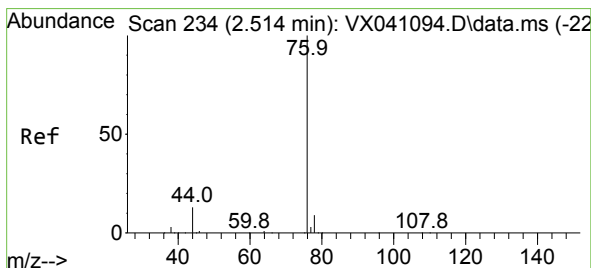
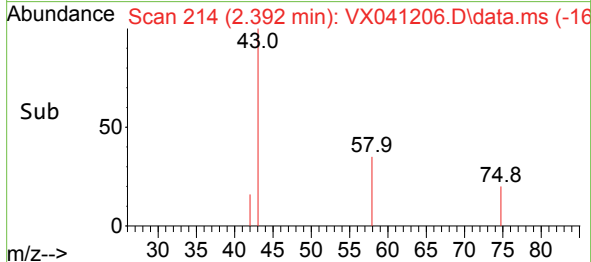
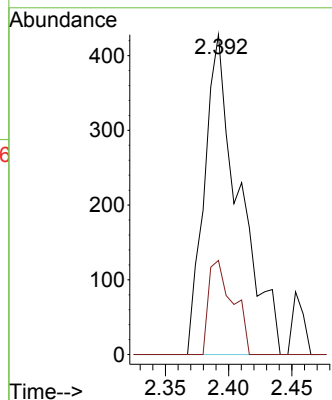
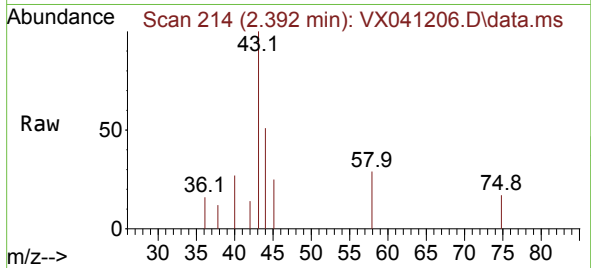




#16
Acetone
Concen: 1.092 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

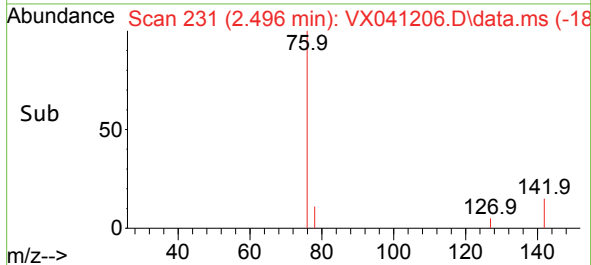
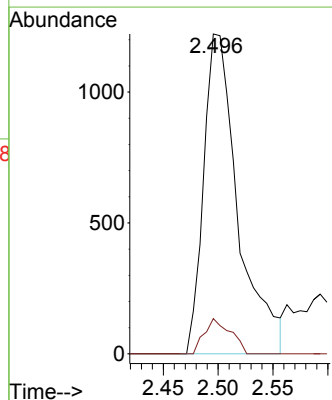
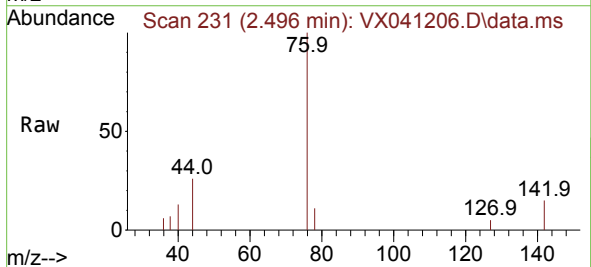
Instrument :
MSVOA_X
ClientSampleId :

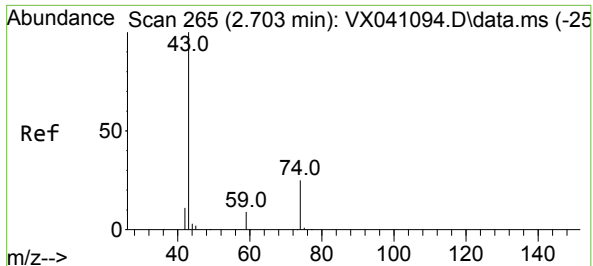
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.808 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

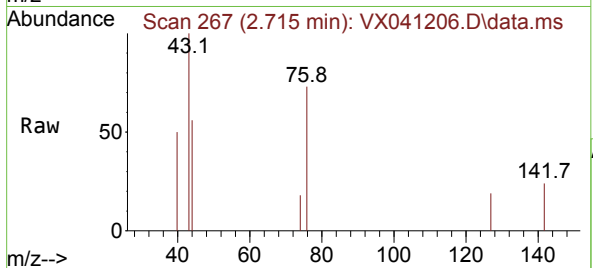
Tgt Ion: 76 Resp: 2671
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#



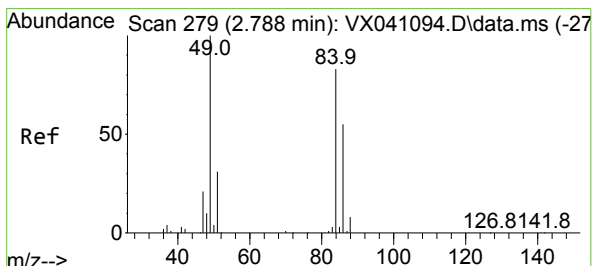
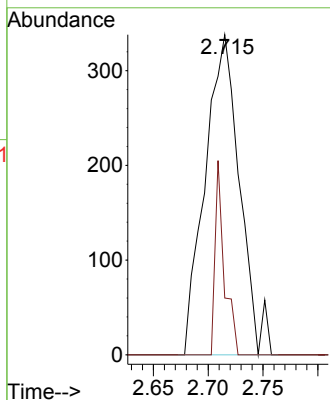
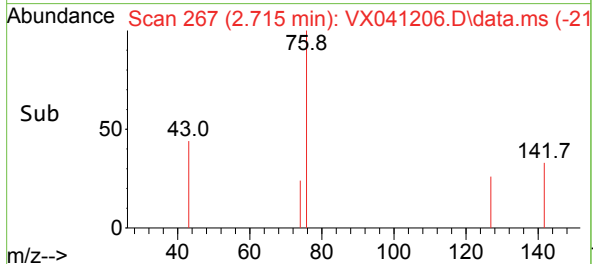


#18
Methyl Acetate
Concen: 0.333 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Instrument :
MSVOA_X
ClientSampleId :

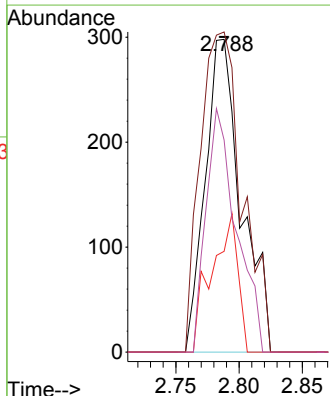
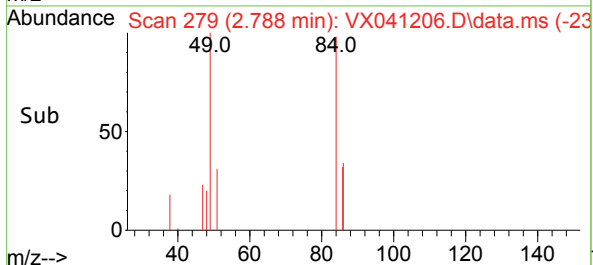
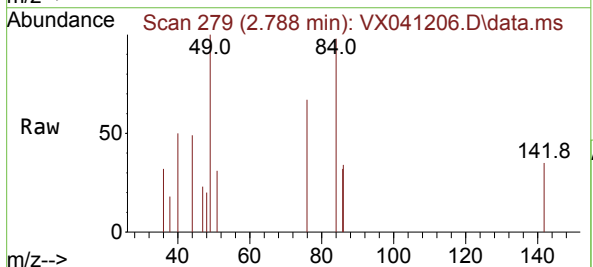


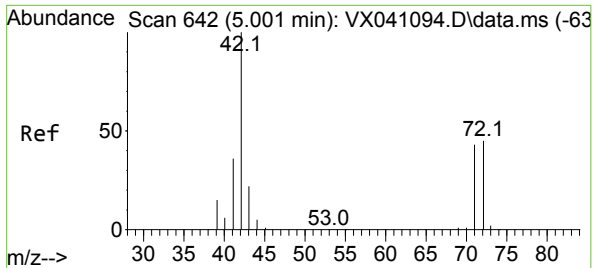
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
74 16.1 17.8 26.8#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Tgt Ion: 84 Resp: 594
Ion Ratio Lower Upper
84 100
49 102.3 103.6 155.4#
51 32.2 33.8 50.6#
86 67.8 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.268 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX041206.D

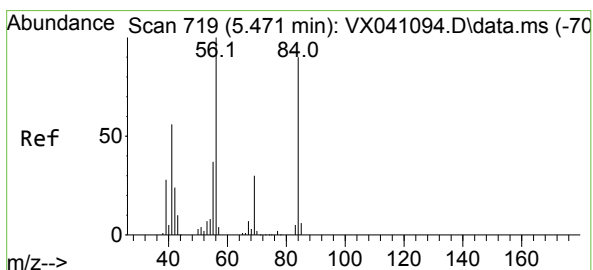
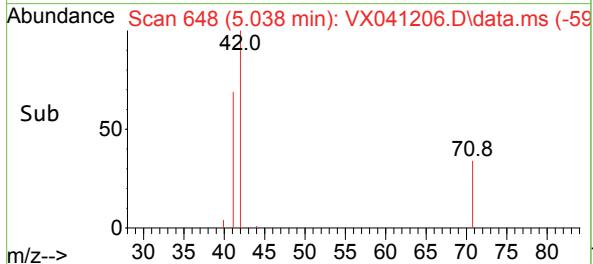
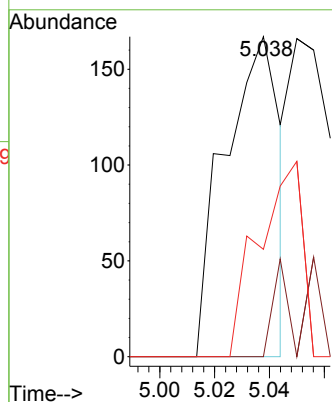
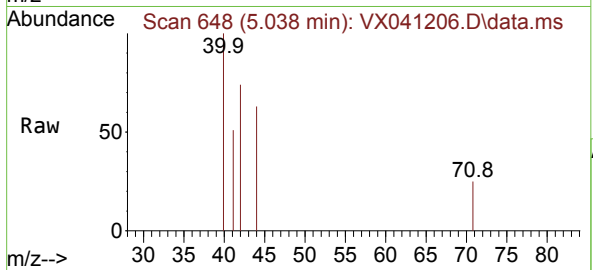
Acq: 23 Apr 2024 10:57

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 235
Ion Ratio	Lower Upper
42 100	
72 16.2	34.2 51.4#
71 48.1	32.2 48.2



#31

Cyclohexane

Concen: 1.168 ug/l

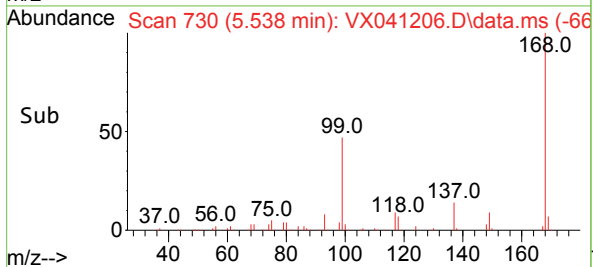
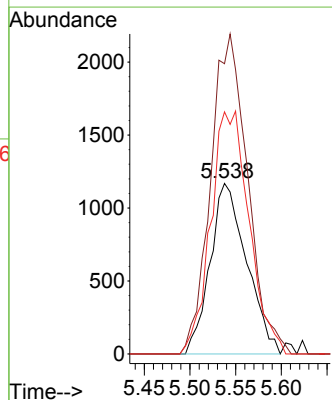
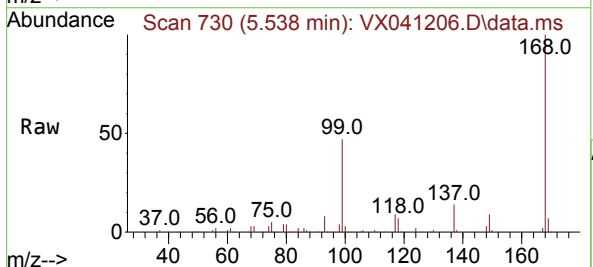
RT: 5.538 min Scan# 730

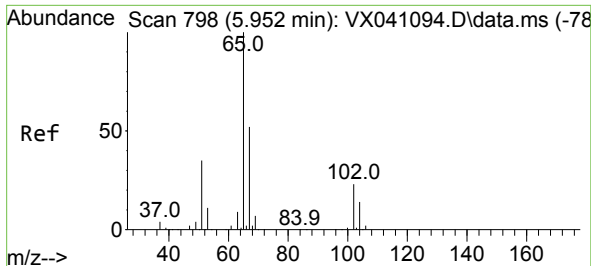
Delta R.T. 0.073 min

Lab File: VX041206.D

Acq: 23 Apr 2024 10:57

Tgt Ion: 56	Resp: 3249
Ion Ratio	Lower Upper
56 100	
69 170.1	23.4 35.2#
84 141.9	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.920 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041206.D

Acq: 23 Apr 2024 10:57

Instrument :

MSVOA_X

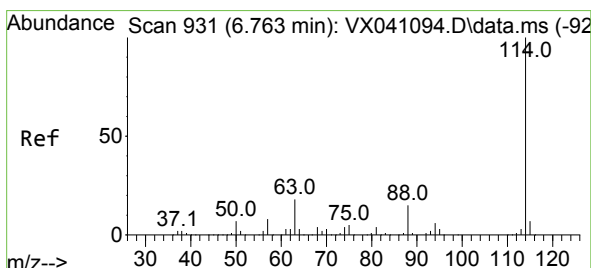
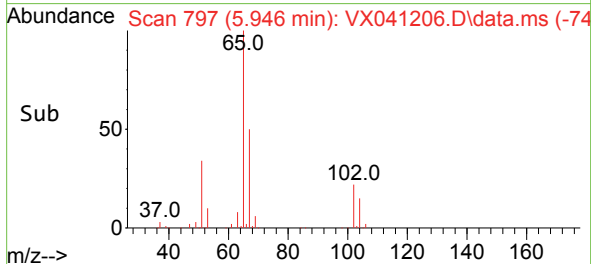
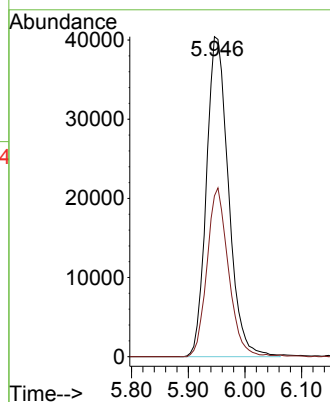
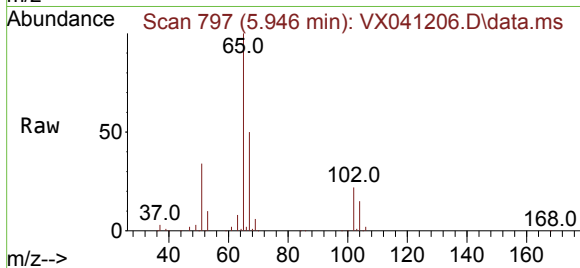
ClientSampleId :

Tgt Ion: 65 Resp: 109396

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041206.D

Acq: 23 Apr 2024 10:57

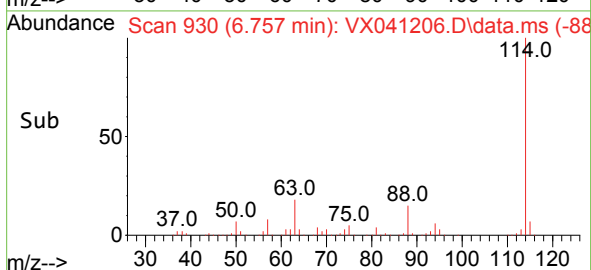
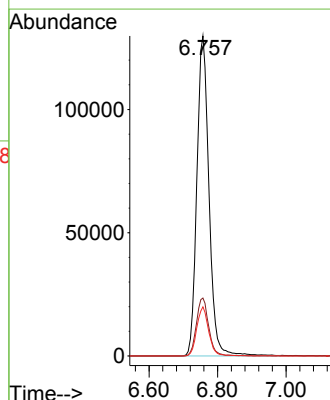
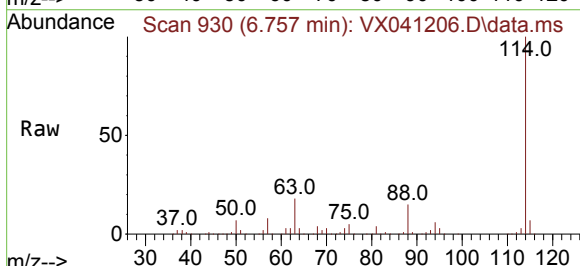
Tgt Ion:114 Resp: 319849

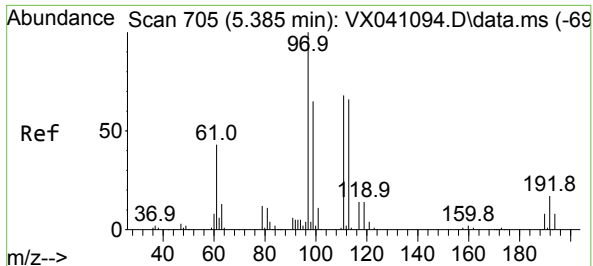
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

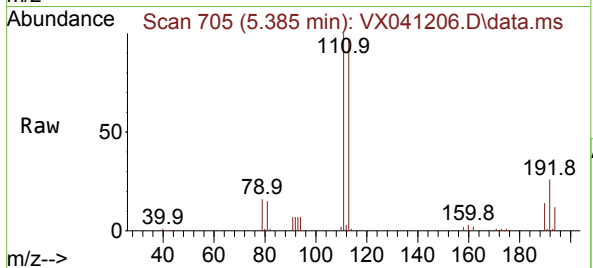
88 15.4 0.0 36.6



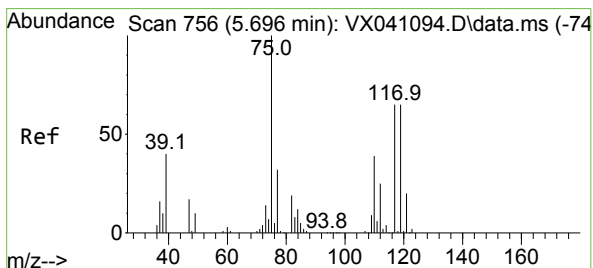
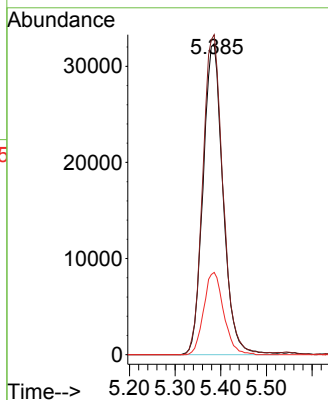
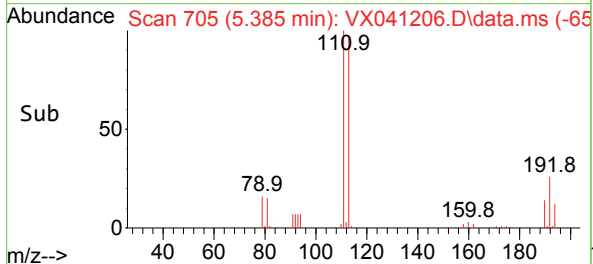


#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Instrument :
MSVOA_X
ClientSampleId :

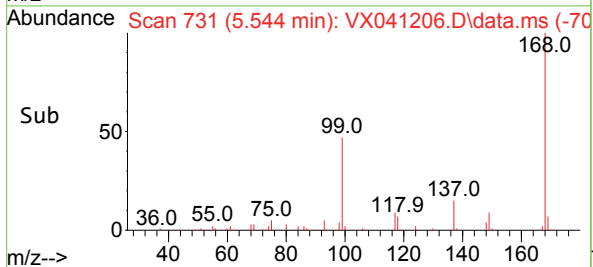
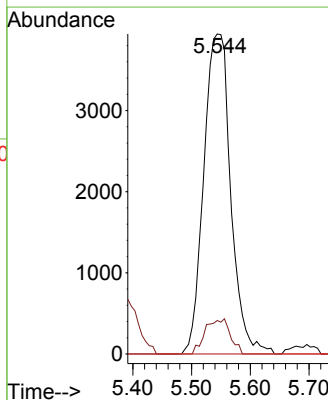
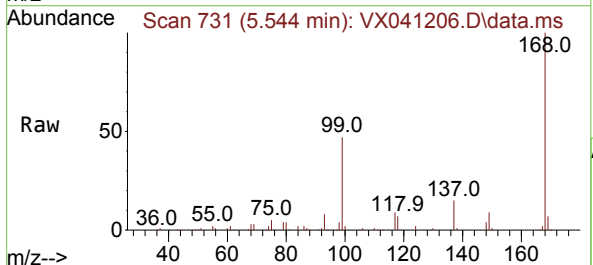


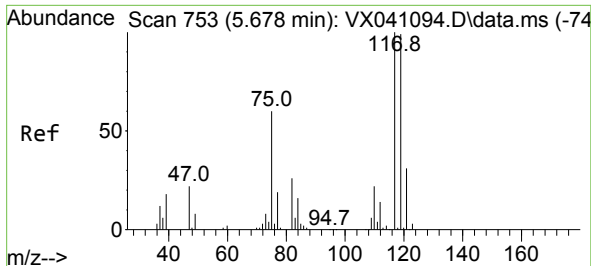
Tgt Ion:113 Resp: 97830
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 26.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

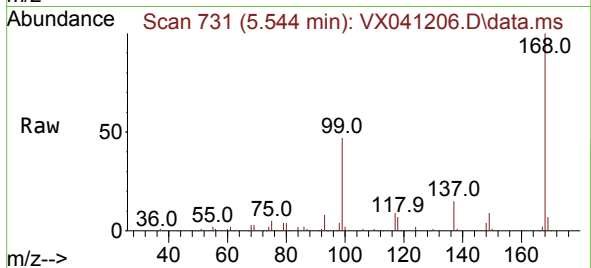
Tgt Ion: 75 Resp: 12584
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



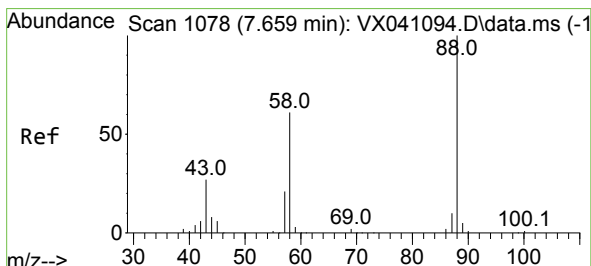
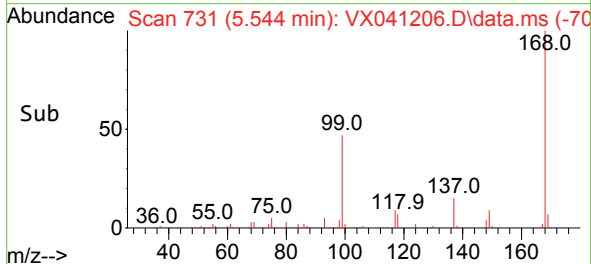
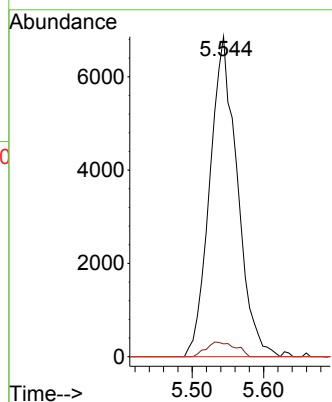


#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Instrument :
MSVOA_X
ClientSampleId :

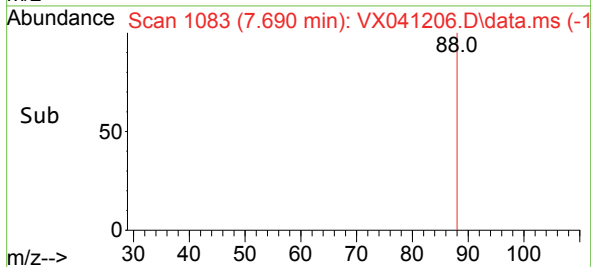
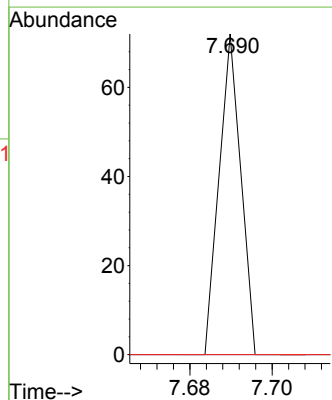
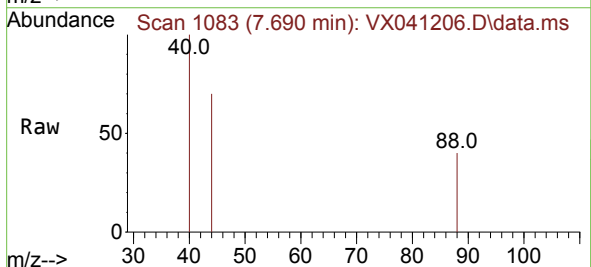


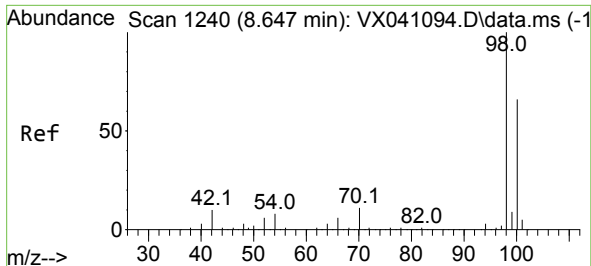
Tgt Ion:117 Resp: 18326
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.580 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

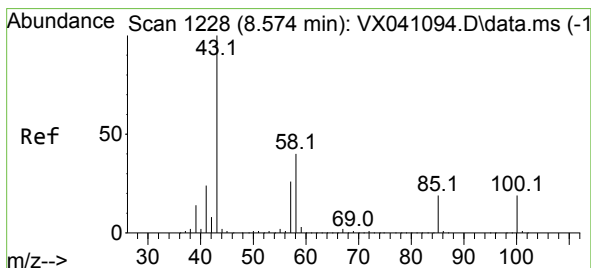
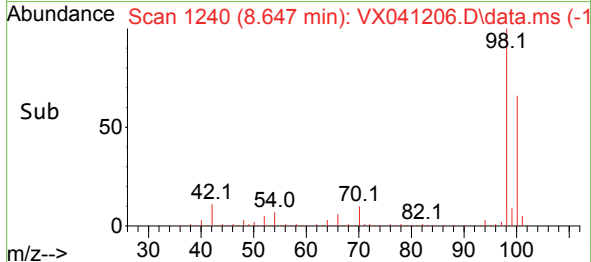
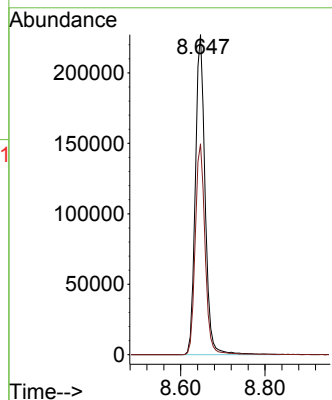
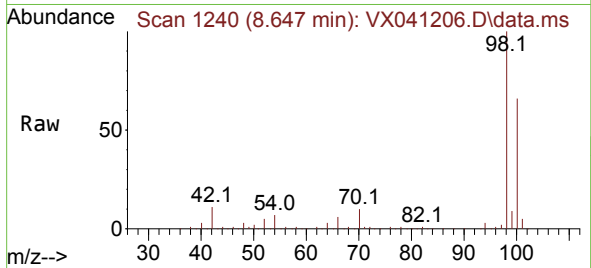




#50
Toluene-d8
Concen: 55.602 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

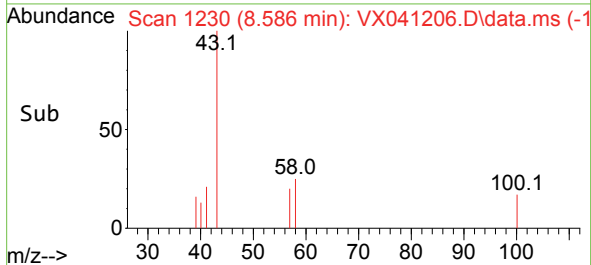
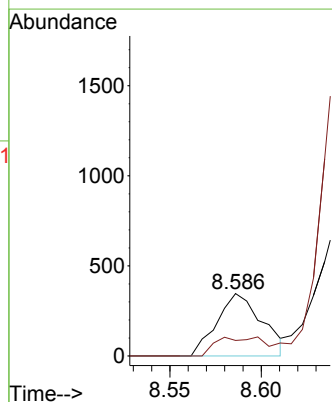
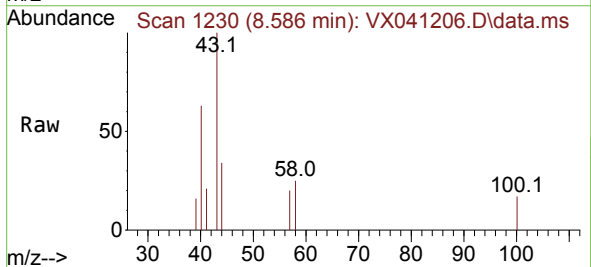
Instrument :
MSVOA_X
ClientSampleId :

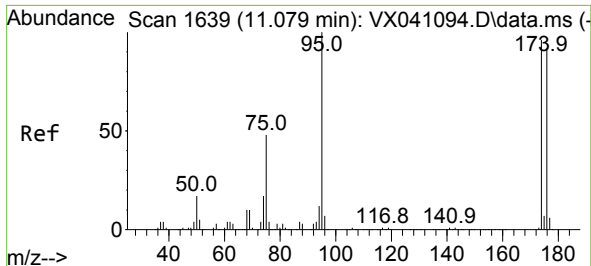
Tgt Ion: 98 Resp: 364981
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.216 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

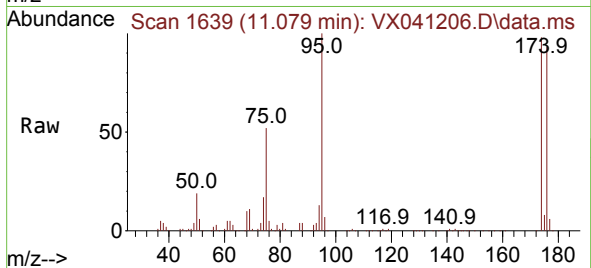
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6



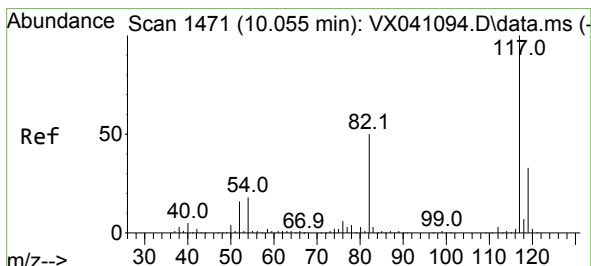
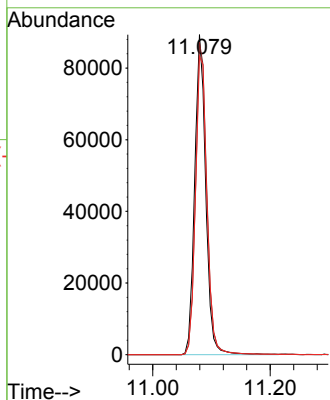
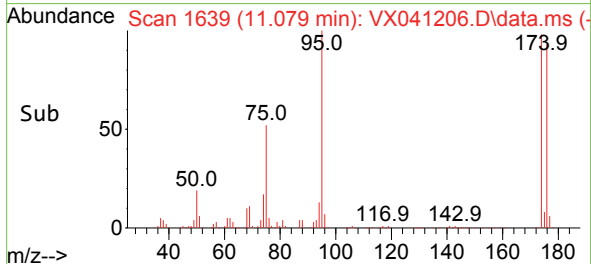


#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

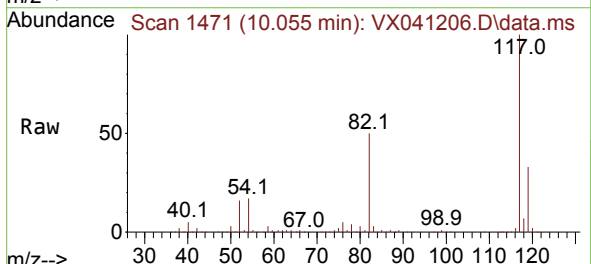
Instrument :
MSVOA_X
ClientSampleId :



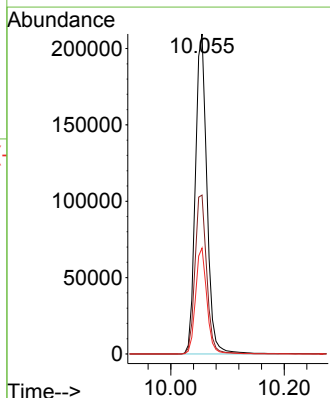
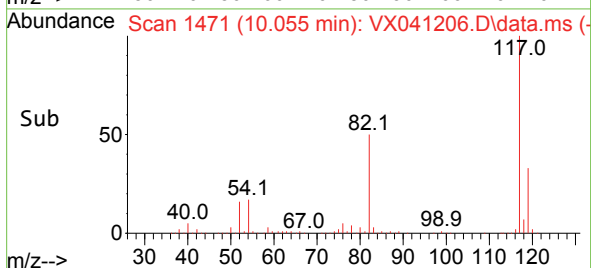
Tgt Ion: 95 Resp: 116467
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.6 0.0 131.0

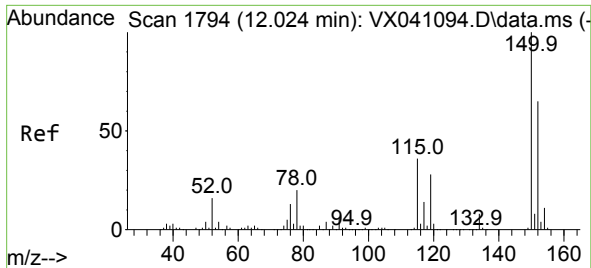


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57



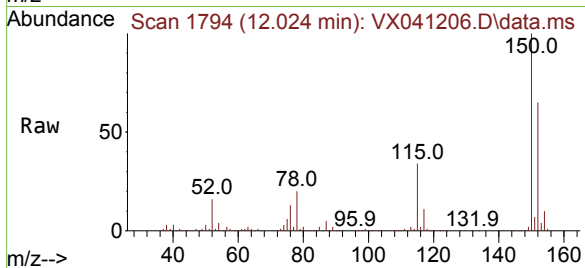
Tgt Ion: 117 Resp: 296728
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 33.1 25.5 38.3



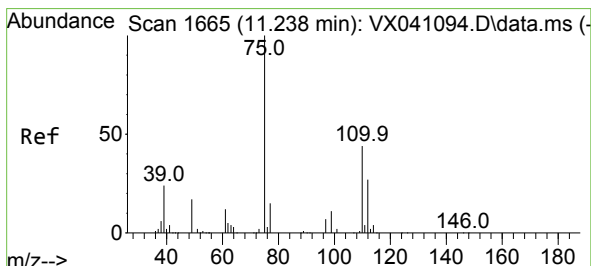
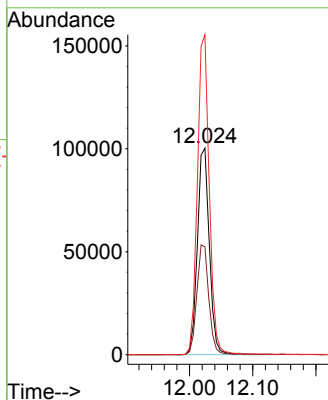
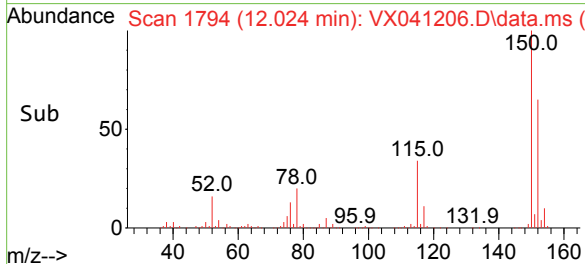


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041206.D
 Acq: 23 Apr 2024 10:57

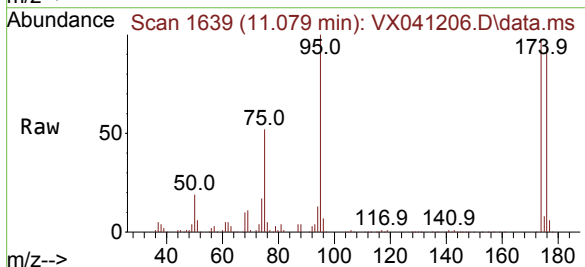
Instrument :
 MSVOA_X
 ClientSampleId :



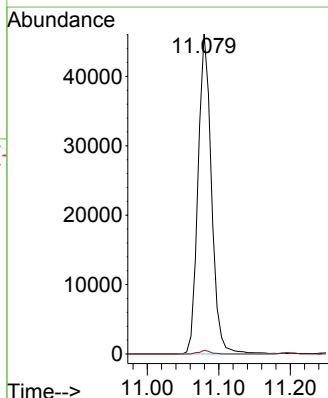
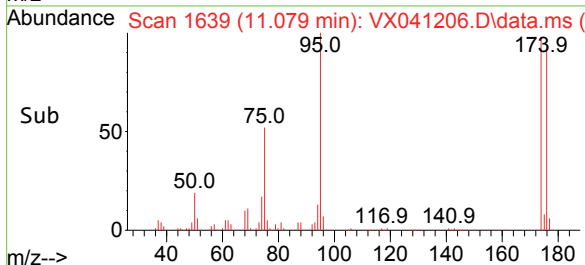
Tgt Ion:152 Resp: 132261
 Ion Ratio Lower Upper
 152 100
 115 53.1 43.3 129.9
 150 153.9 0.0 345.0

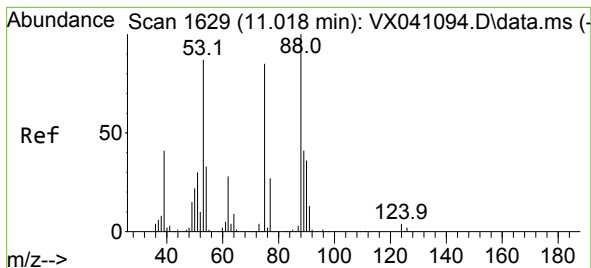


#76
 1,2,3-Trichloropropane
 Concen: 28.221 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041206.D
 Acq: 23 Apr 2024 10:57



Tgt Ion: 75 Resp: 60138
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

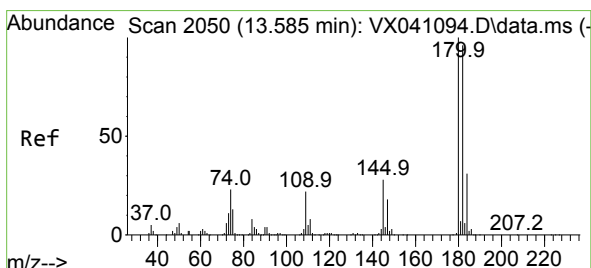
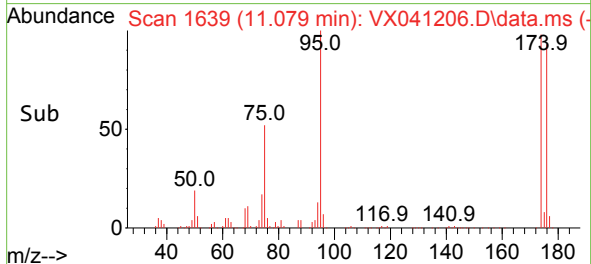
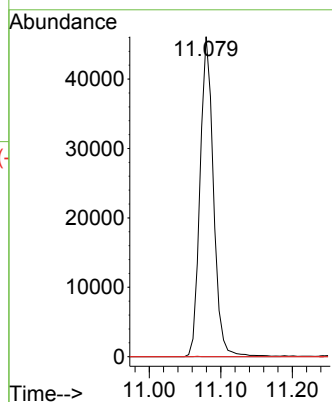
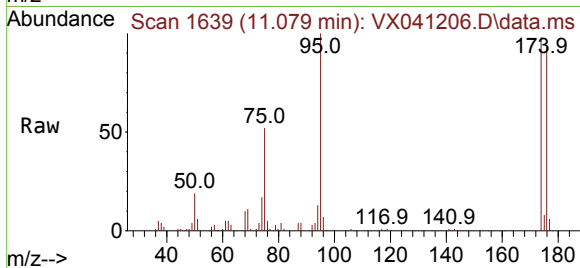




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.620 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX041206.D
 Acq: 23 Apr 2024 10:57

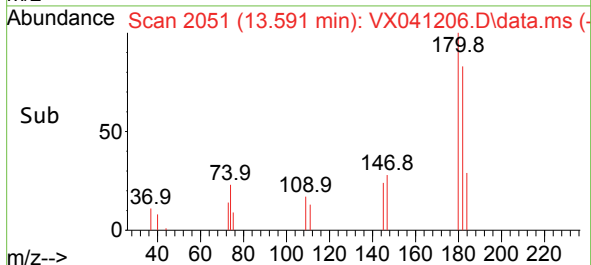
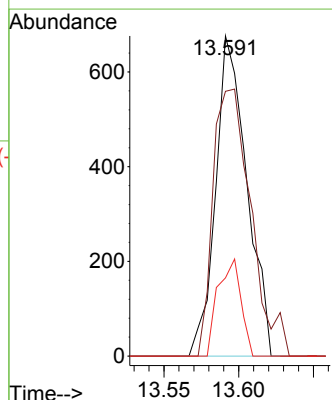
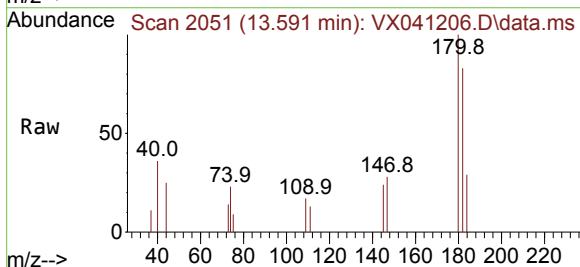
Instrument :
 MSVOA_X
 ClientSampleId :

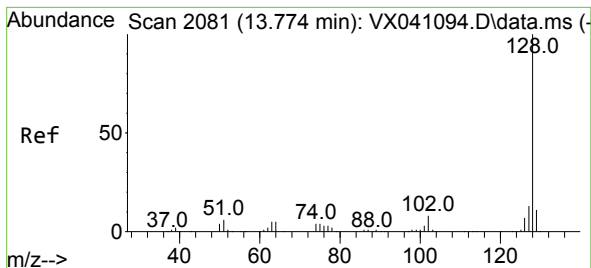
Tgt Ion: 75 Resp: 60138
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.328 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX041206.D
 Acq: 23 Apr 2024 10:57

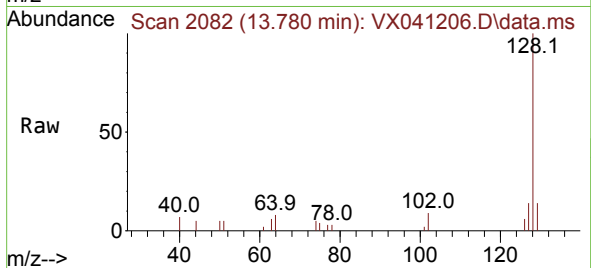
Tgt Ion: 180 Resp: 979
 Ion Ratio Lower Upper
 180 100
 182 101.4 48.3 144.8
 145 22.4 18.0 54.0



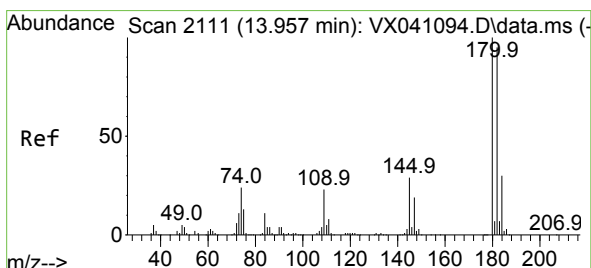
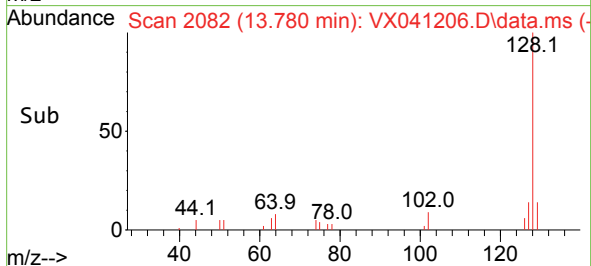
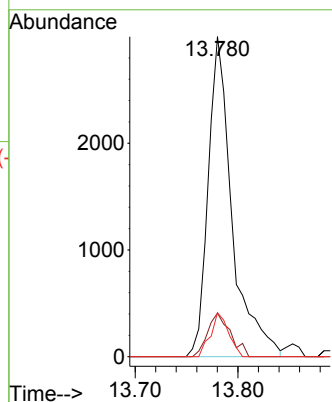


#95
Naphthalene
Concen: 0.567 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.449 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX041206.D
Acq: 23 Apr 2024 10:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.3	46.9	140.6
145	30.6	17.8	53.5

