

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041470.D
 Acq On : 10 May 2024 19:39
 Operator : JC/MD
 Sample : P2445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:39:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

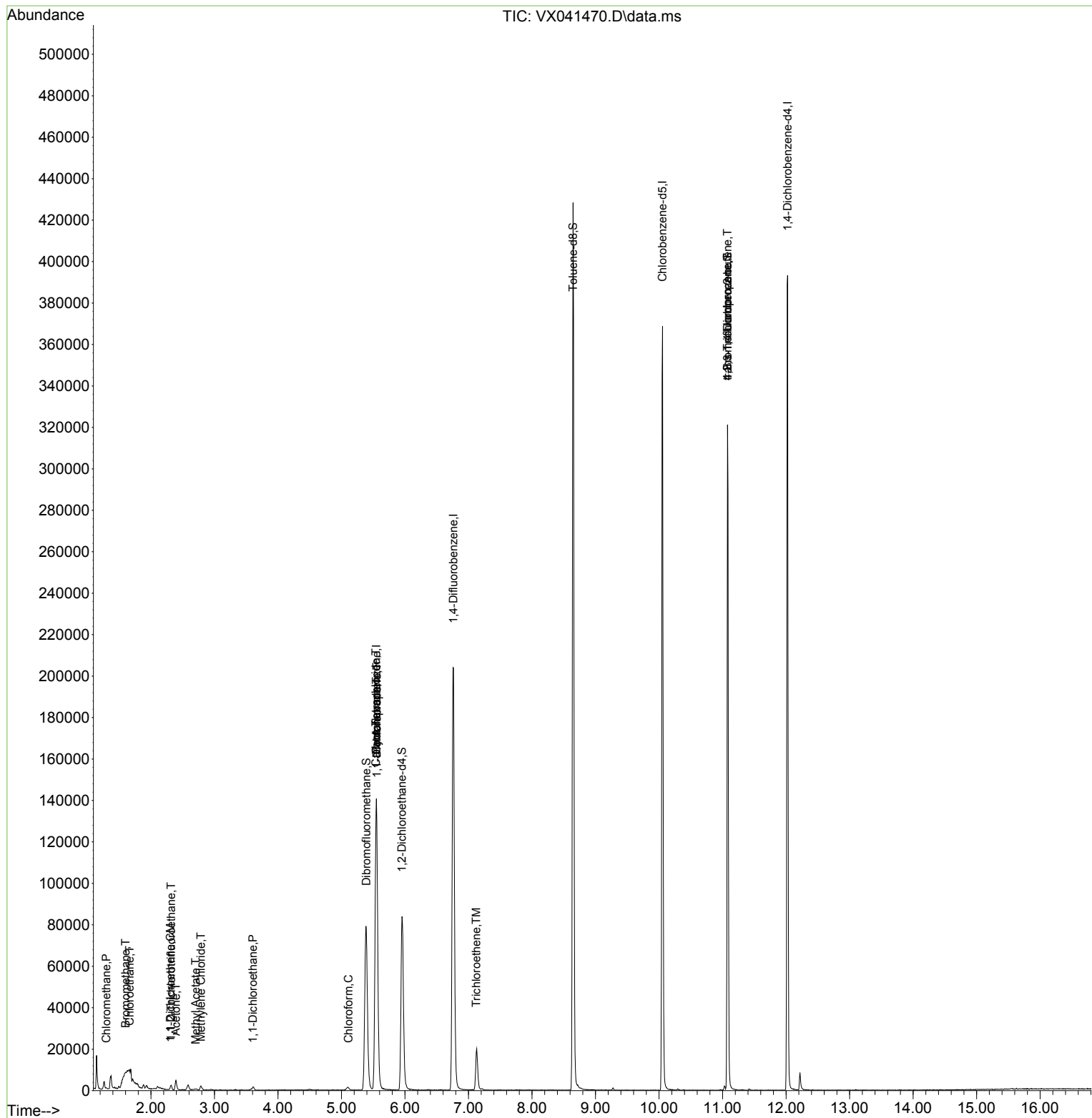
Internal Standards						
1) Pentafluorobenzene	5.550	168	149303	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85732	52.746	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.500%		
35) Dibromofluoromethane	5.391	113	69072	45.922	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.840%		
50) Toluene-d8	8.647	98	255020	53.569	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.140%		
62) 4-Bromofluorobenzene	11.079	95	78997	42.866	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 85.740%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	262	0.206	ug/l	97
5) Bromomethane	1.599	94	274	0.361	ug/l	88
6) Chloroethane	1.666	64	223	0.397	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	824	0.703	ug/l #	86
12) 1,1-Dichloroethene	2.307	96	242	0.209	ug/l #	58
16) Acetone	2.392	43	5343	3.610	ug/l	97
18) Methyl Acetate	2.703	43	656	0.394	ug/l #	60
20) Methylene Chloride	2.788	84	940	0.666	ug/l	88
24) 1,1-Dichloroethane	3.605	63	1885	0.810	ug/l #	88
30) Chloroform	5.111	83	1848	0.763	ug/l	95
31) Cyclohexane	5.550	56	2582	1.316	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	9319	5.181	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13193	6.403	ug/l #	15
44) Trichloroethene	7.123	130	8471	5.786	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	40744	27.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40744	75.574	ug/l #	5

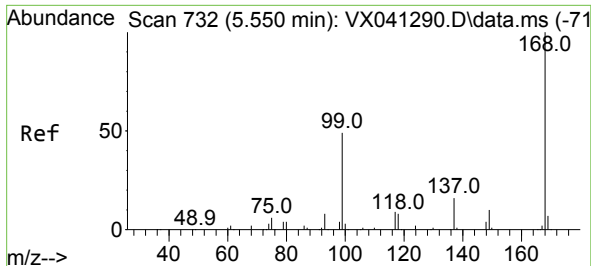
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
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Sample : P2445-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

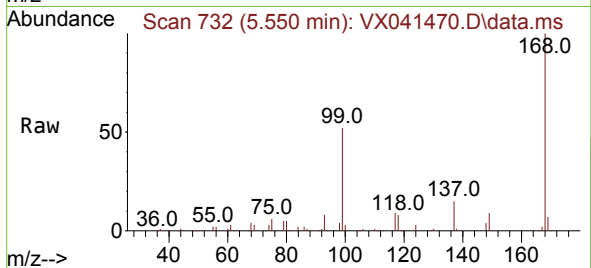
Quant Time: May 11 01:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



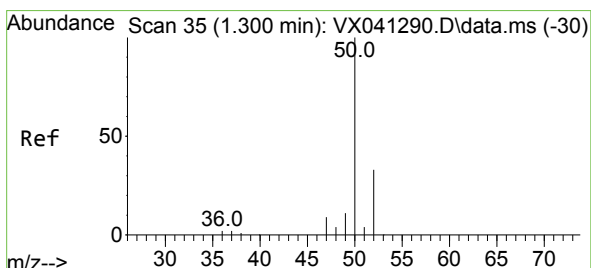
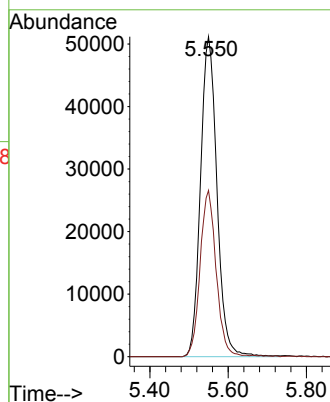
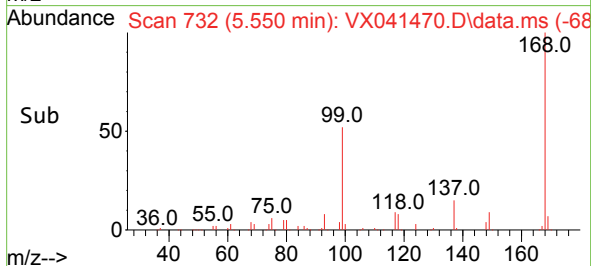


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :

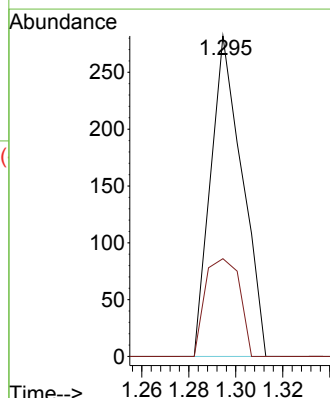
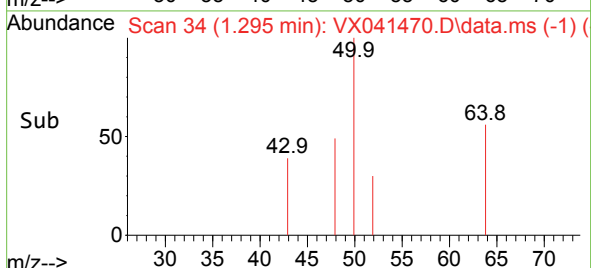
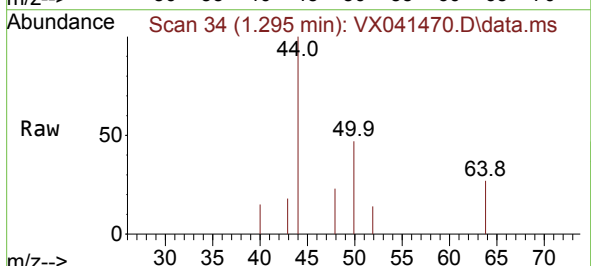


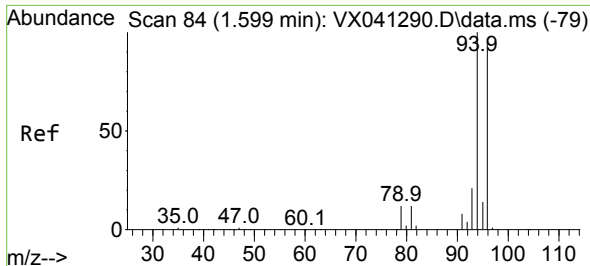
Tgt Ion:168 Resp: 149303
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

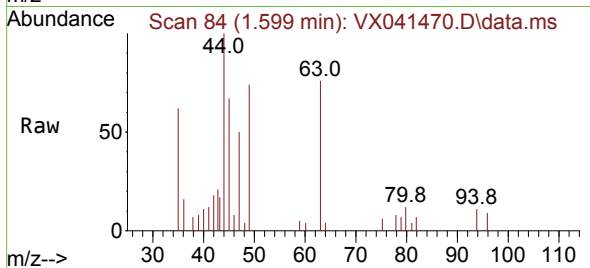
Tgt Ion: 50 Resp: 262
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



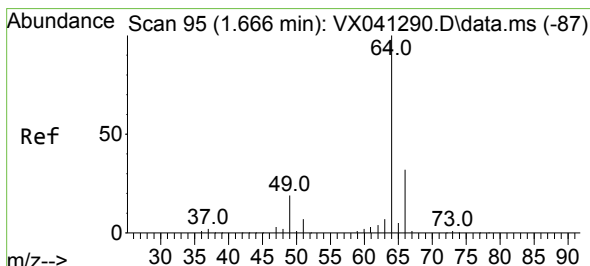
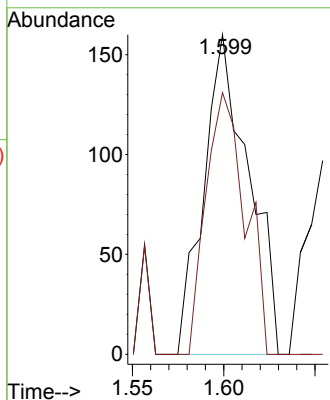
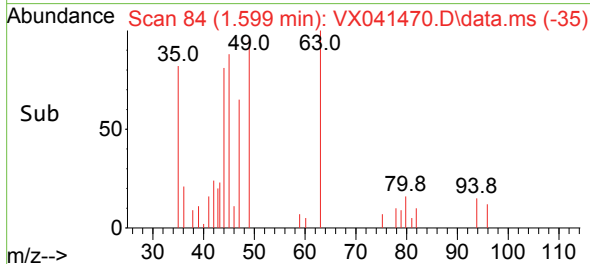


#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

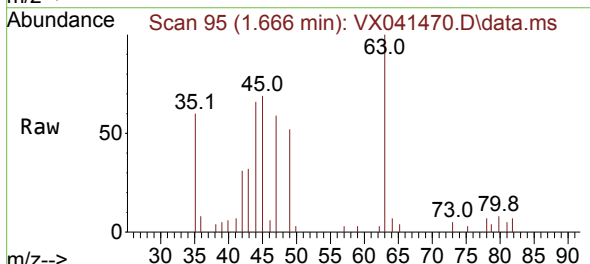
Instrument :
MSVOA_X
ClientSampleId :



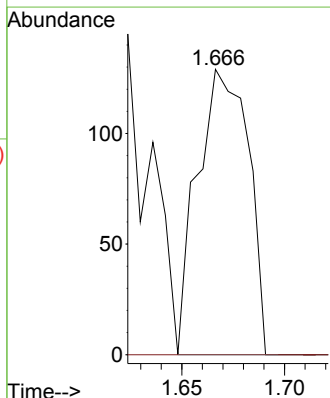
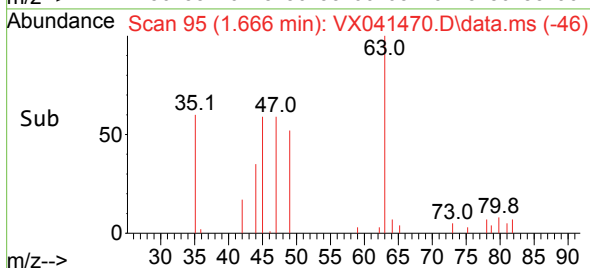
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 81.9 74.6 111.8

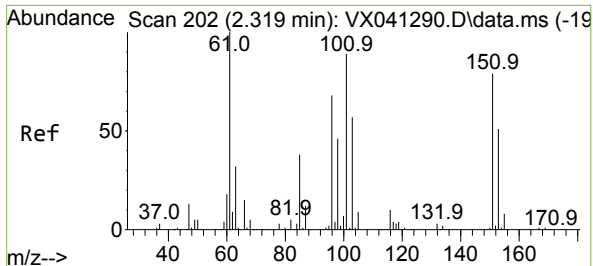


#6
Chloroethane
Concen: 0.397 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39



Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

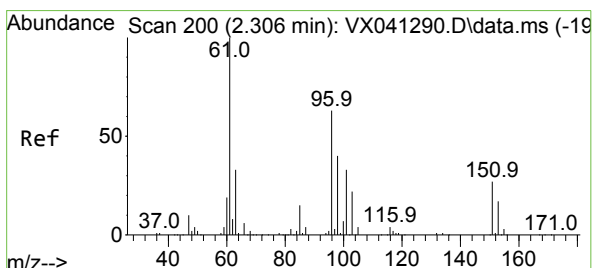
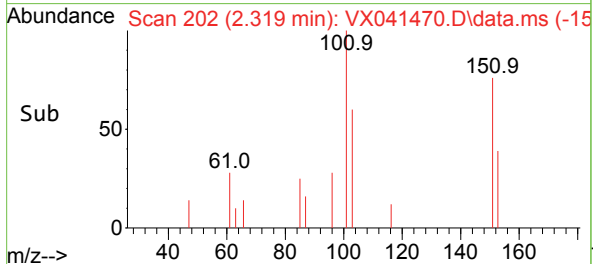
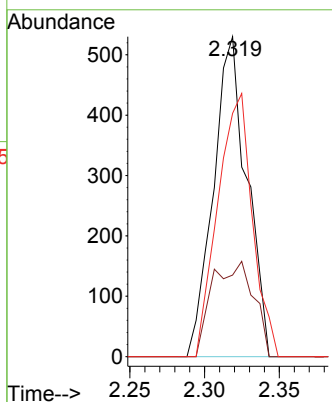
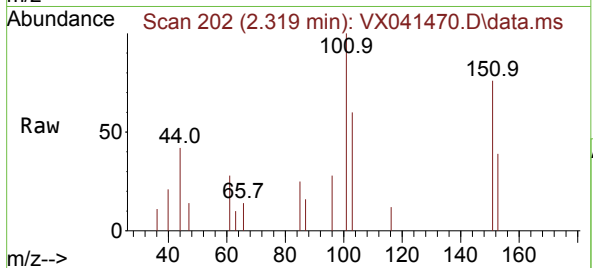




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.703 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX041470.D
 Acq: 10 May 2024 19:39

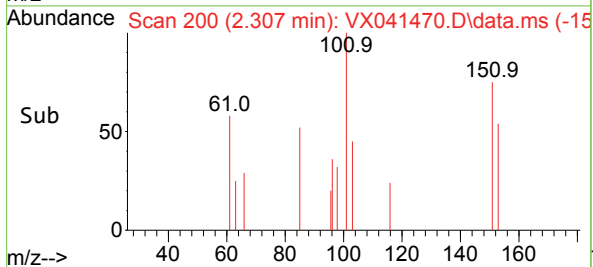
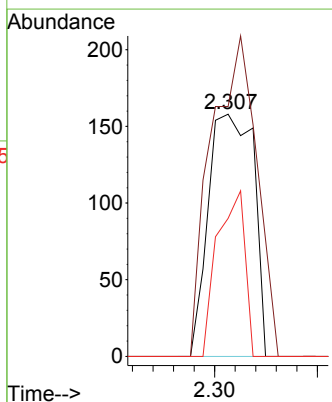
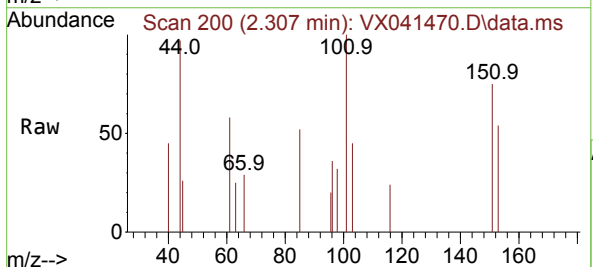
Instrument :
 MSVOA_X
 ClientSampleId :

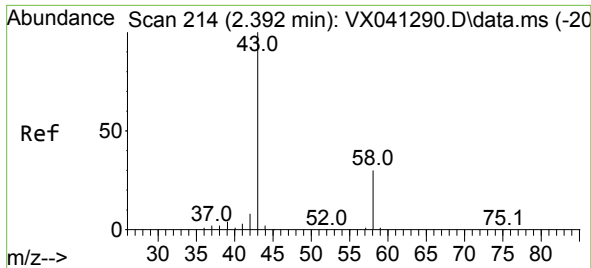
Tgt Ion:101 Resp: 824
 Ion Ratio Lower Upper
 101 100
 85 36.8 37.0 55.6#
 151 85.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 0.209 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041470.D
 Acq: 10 May 2024 19:39

Tgt Ion: 96 Resp: 242
 Ion Ratio Lower Upper
 96 100
 61 103.2 144.6 216.8#
 98 57.0 50.4 75.6

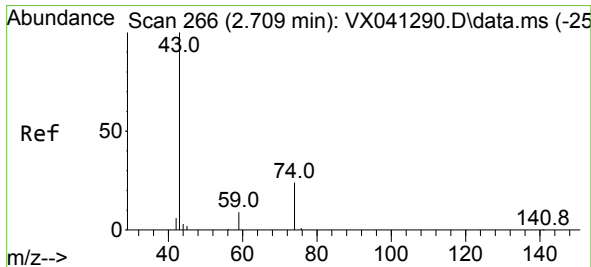
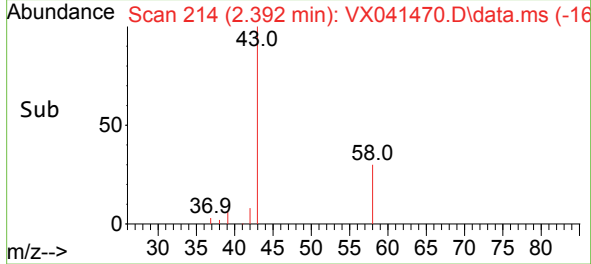
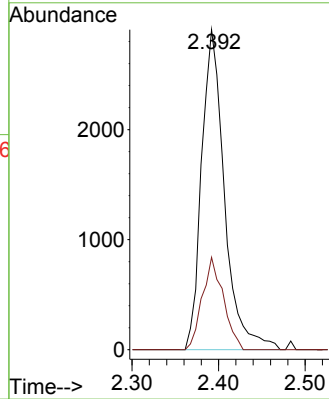
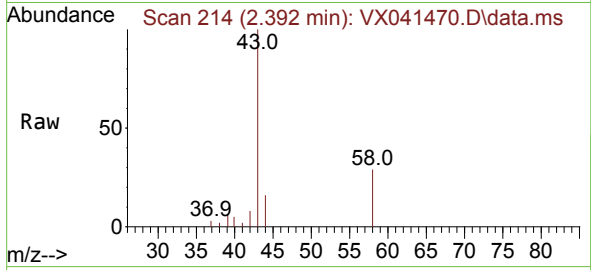




#16
Acetone
Concen: 3.610 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

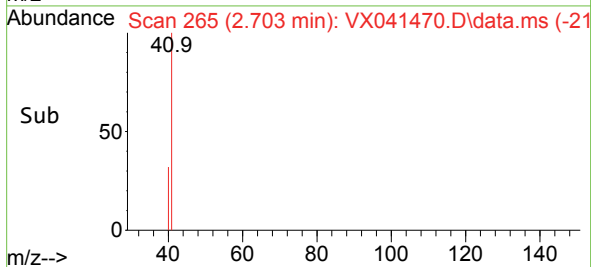
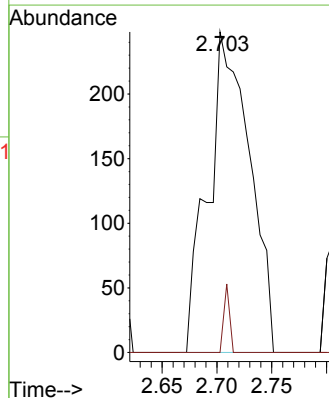
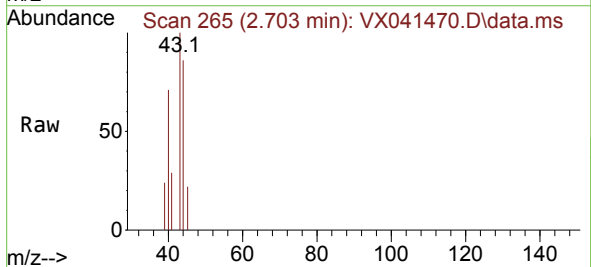
Instrument :
MSVOA_X
ClientSampleId :

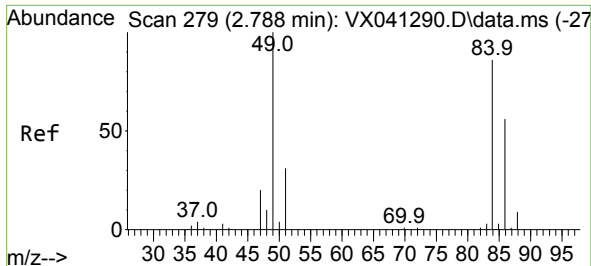
Tgt Ion: 43 Resp: 5343
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.394 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

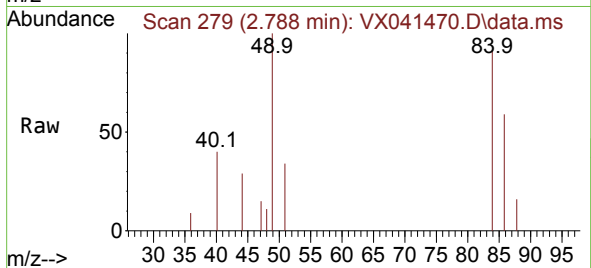
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
74 2.9 17.8 26.8#



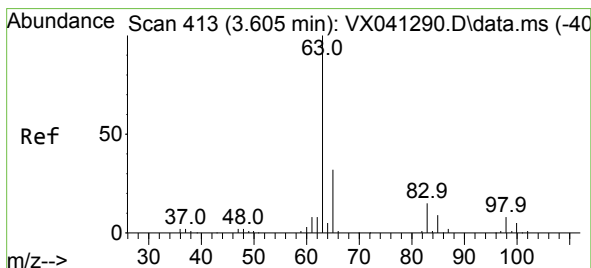
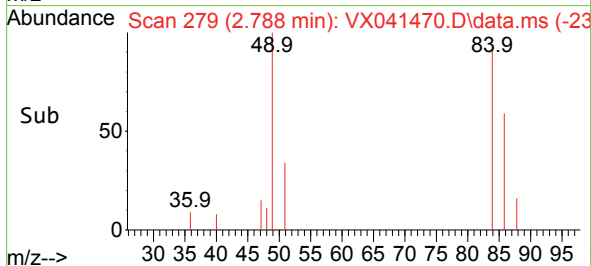
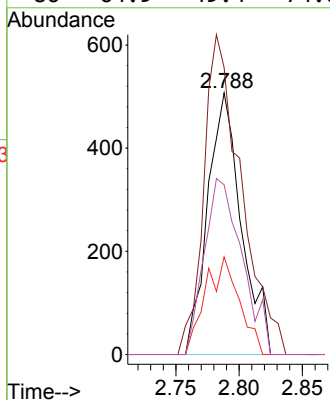


#20
Methylene Chloride
Concen: 0.666 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :

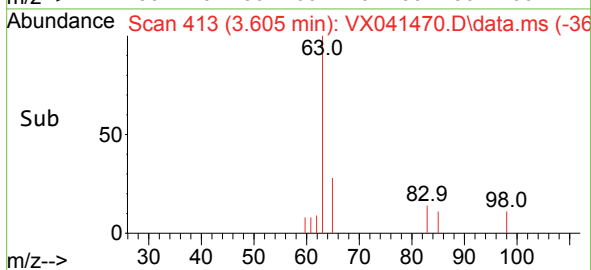
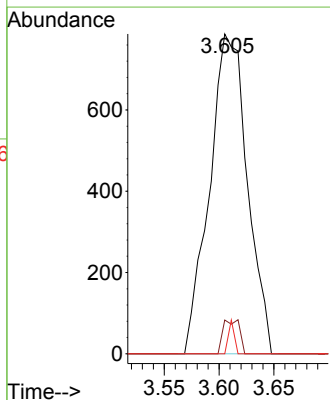
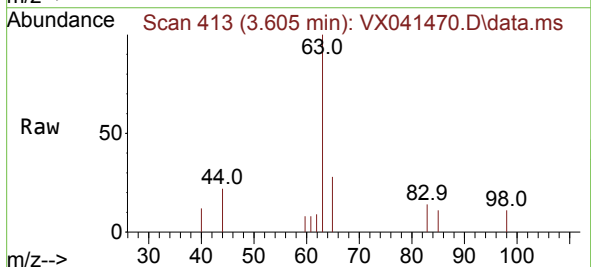


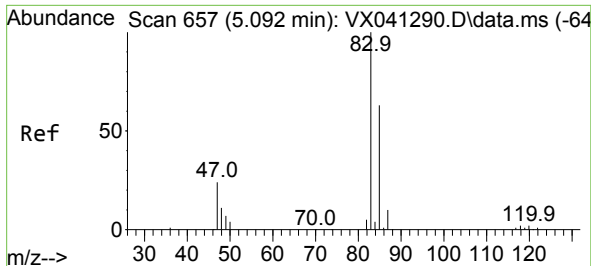
Tgt Ion: 84	Resp: 940
Ion Ratio	Lower Upper
84 100	
49 109.7	103.6 155.4
51 37.3	33.8 50.6
86 64.9	49.4 74.0



#24
1,1-Dichloroethane
Concen: 0.810 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Tgt Ion: 63	Resp: 1885
Ion Ratio	Lower Upper
63 100	
98 10.5	3.3 9.8#
100 0.0	2.1 6.5#





#30

Chloroform

Concen: 0.763 ug/l

RT: 5.111 min Scan# 6

Delta R.T. 0.018 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

Instrument :

MSVOA_X

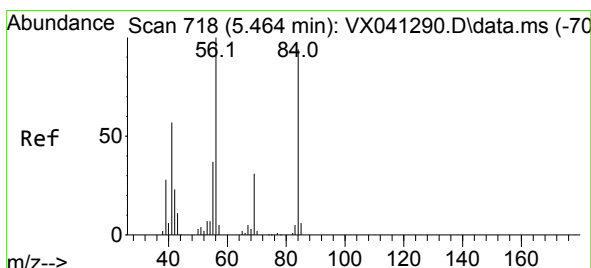
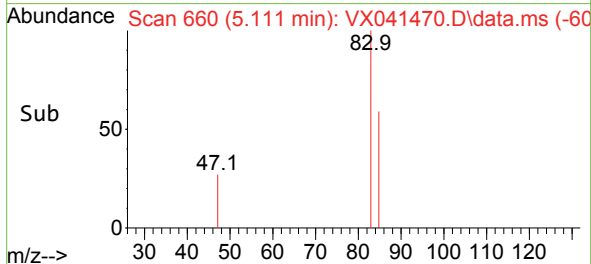
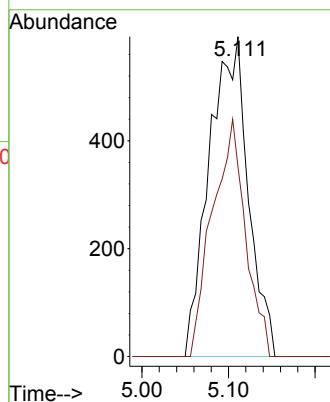
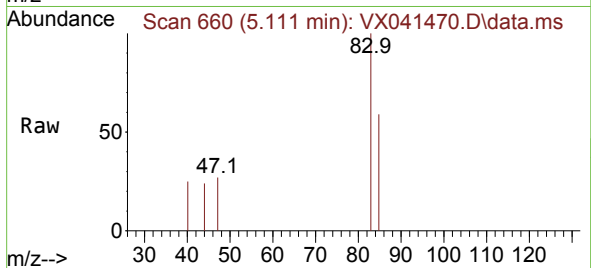
ClientSampleId :

Tgt Ion: 83 Resp: 1848

Ion Ratio Lower Upper

83 100

85 59.4 50.3 75.5



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

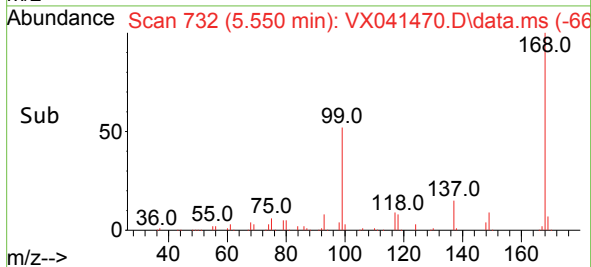
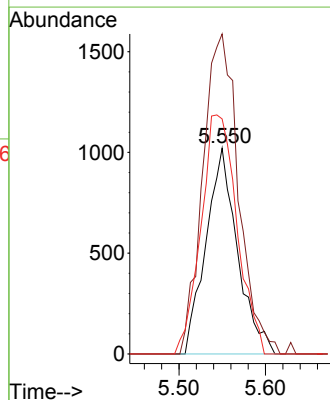
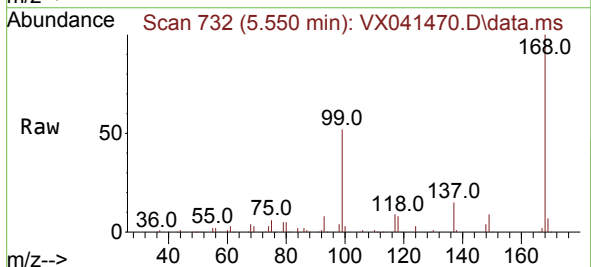
Tgt Ion: 56 Resp: 2582

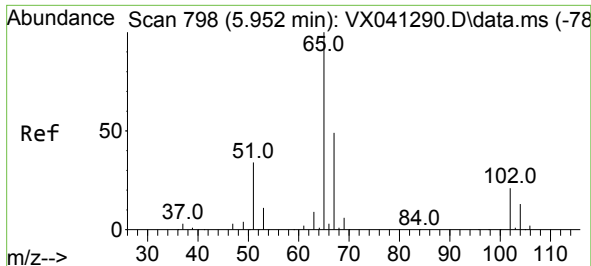
Ion Ratio Lower Upper

56 100

69 155.5 23.4 35.2#

84 114.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.746 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

Instrument :

MSVOA_X

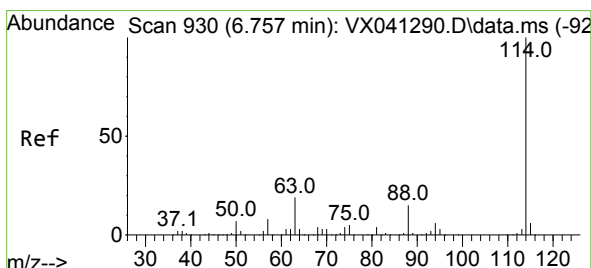
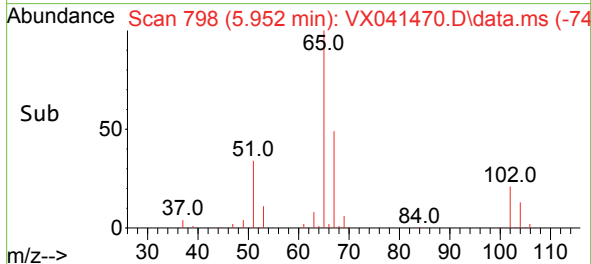
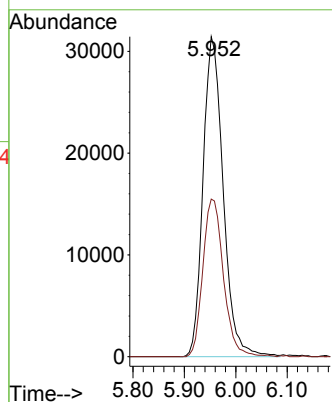
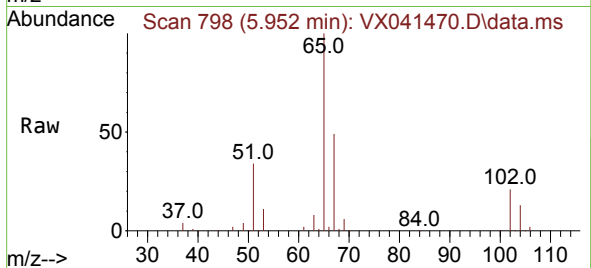
ClientSampleId :

Tgt Ion: 65 Resp: 85732

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

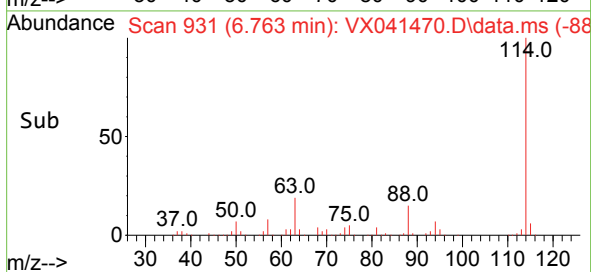
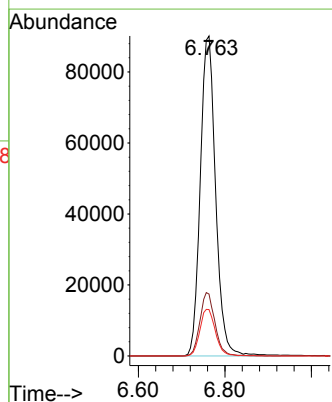
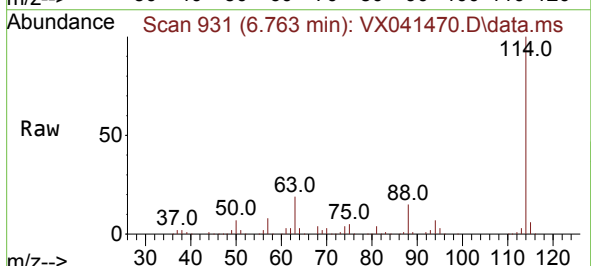
Tgt Ion: 114 Resp: 221952

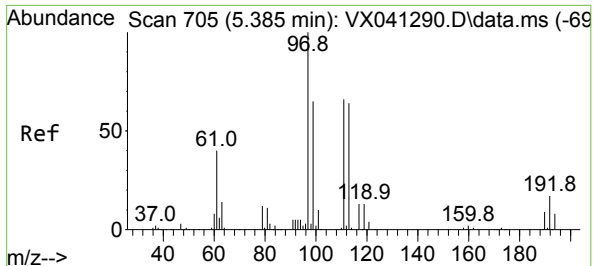
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

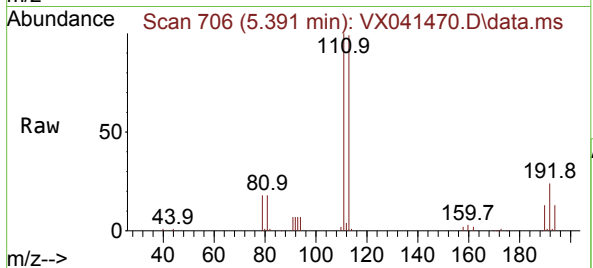
88 14.5 0.0 36.6



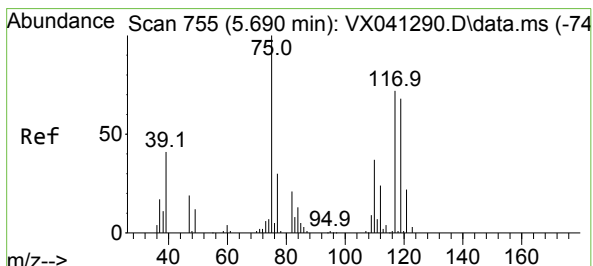
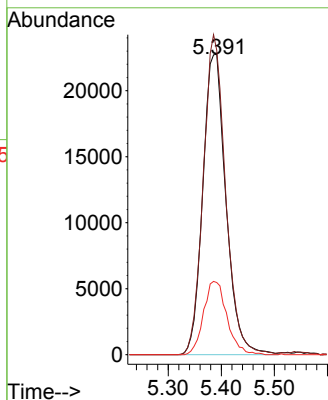
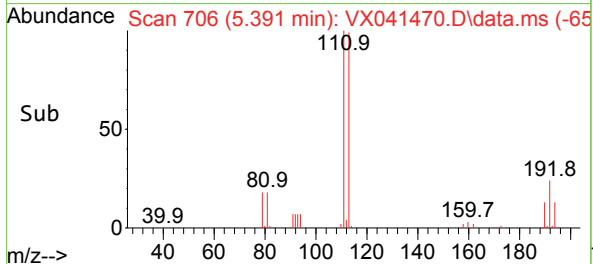


#35
Dibromofluoromethane
Concen: 45.922 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :

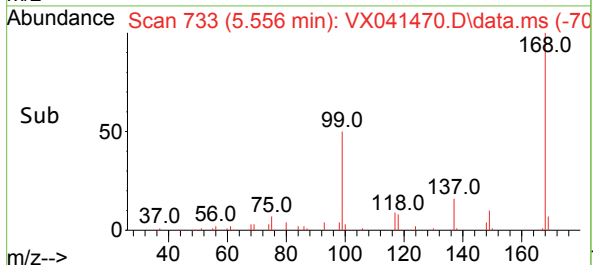
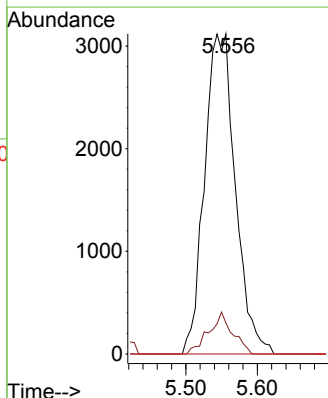
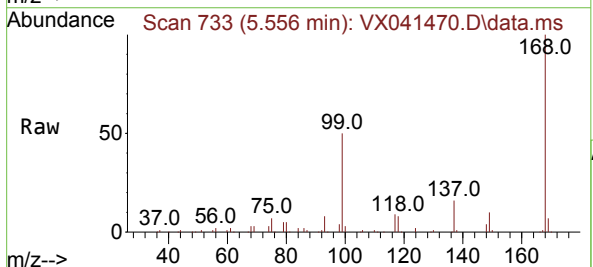


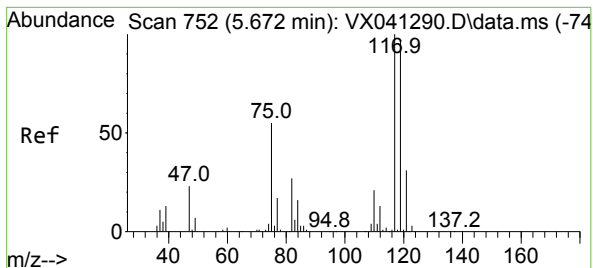
Tgt Ion:113 Resp: 69072
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 24.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Tgt Ion: 75 Resp: 9319
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.403 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

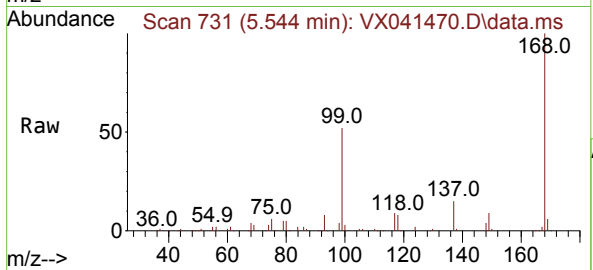
Lab File: VX041470.D

Acq: 10 May 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :



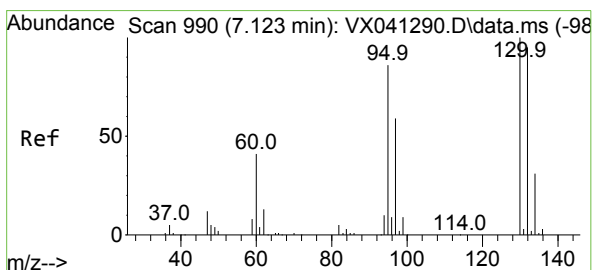
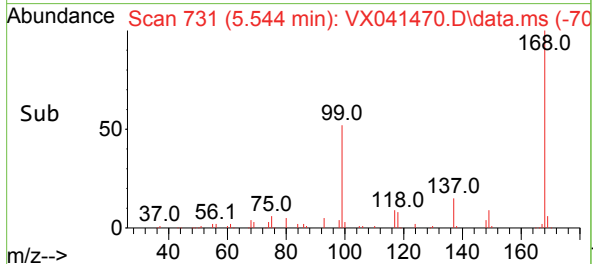
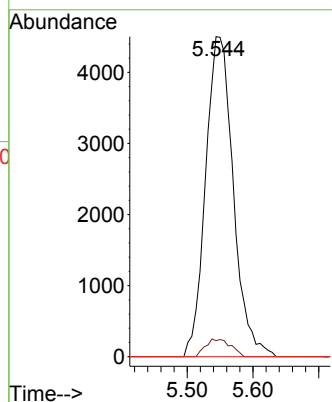
Tgt Ion:117 Resp: 13193

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 5.786 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041470.D

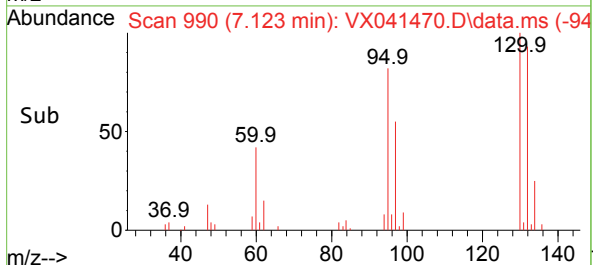
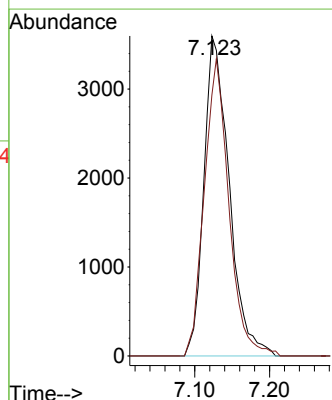
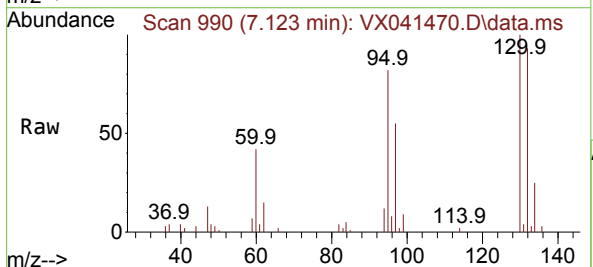
Acq: 10 May 2024 19:39

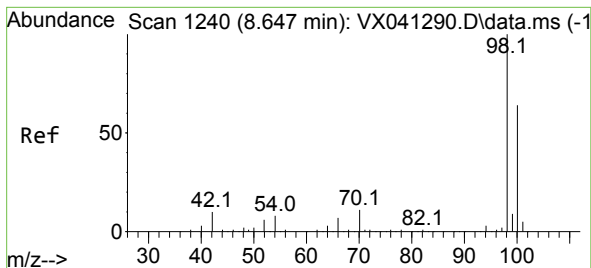
Tgt Ion:130 Resp: 8471

Ion Ratio Lower Upper

130 100

95 81.5 0.0 204.4





#50

Toluene-d8

Concen: 53.569 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

Instrument :

MSVOA_X

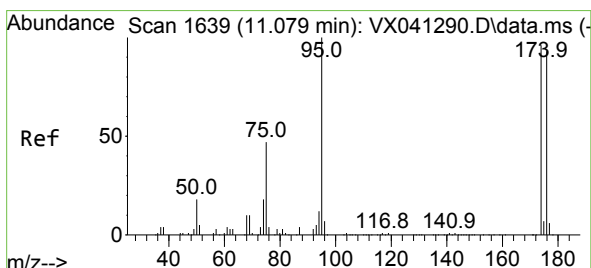
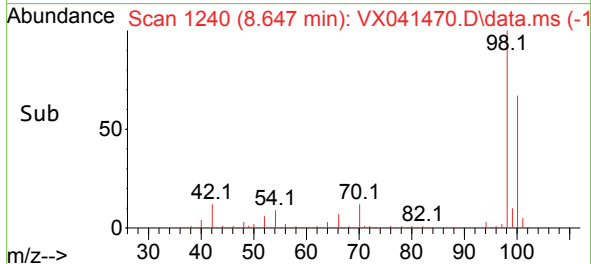
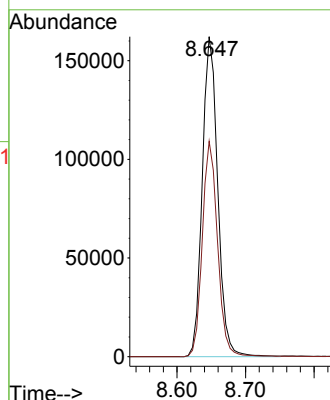
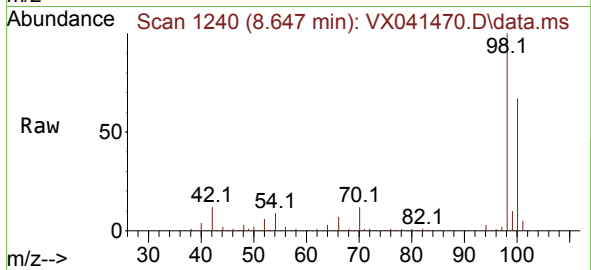
ClientSampleId :

Tgt Ion: 98 Resp: 255020

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.866 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041470.D

Acq: 10 May 2024 19:39

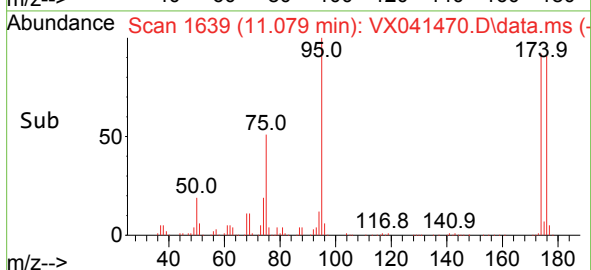
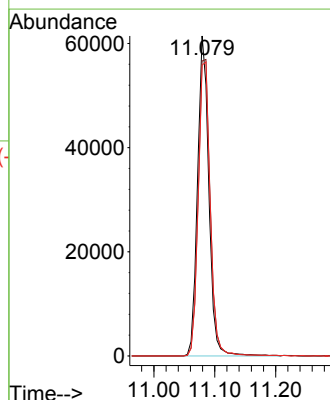
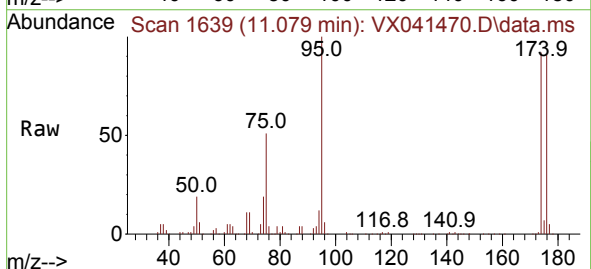
Tgt Ion: 95 Resp: 78997

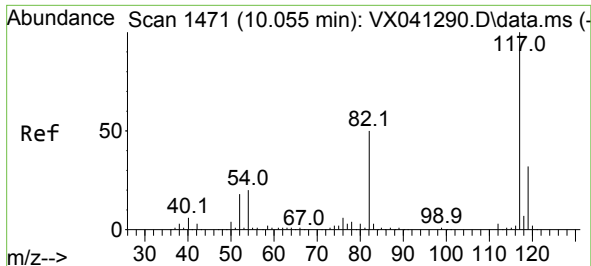
Ion Ratio Lower Upper

95 100

174 98.7 0.0 135.6

176 97.2 0.0 131.0

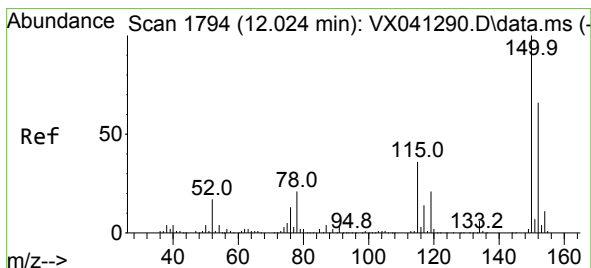
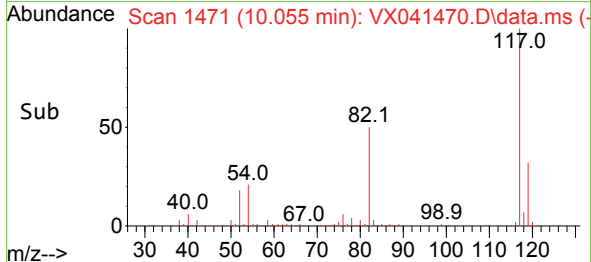
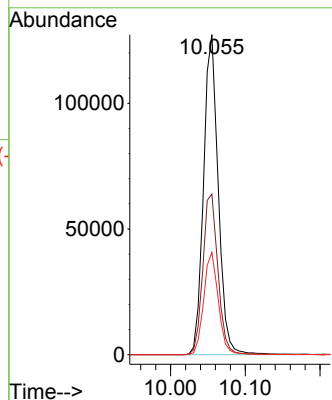
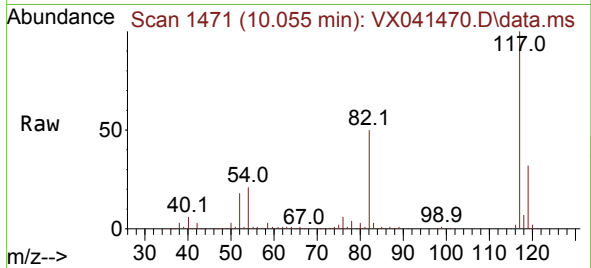




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

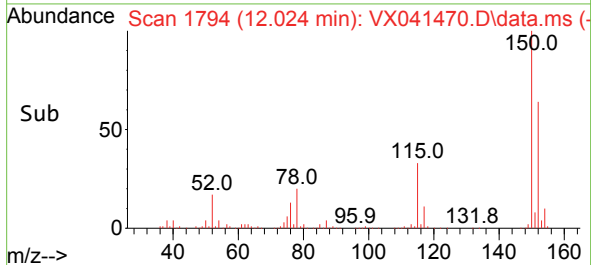
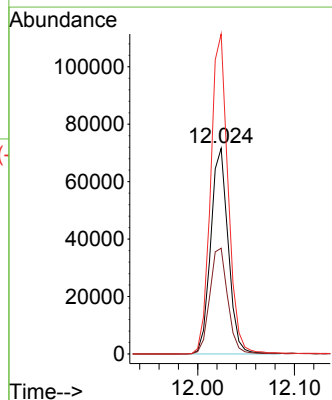
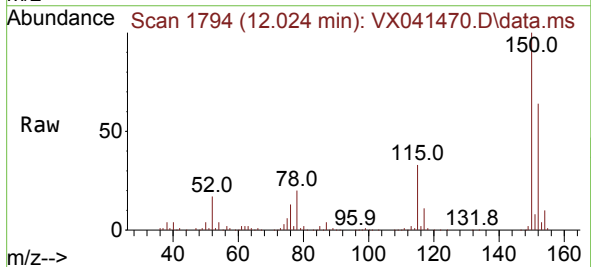
Instrument :
MSVOA_X
ClientSampleId :

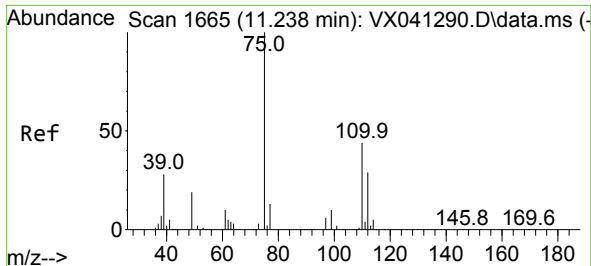
Tgt Ion:117 Resp: 173623
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Tgt Ion:152 Resp: 90110
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 156.2 0.0 345.0

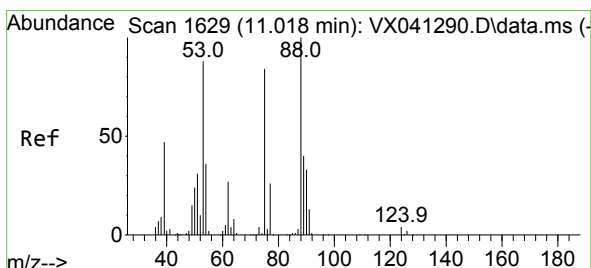
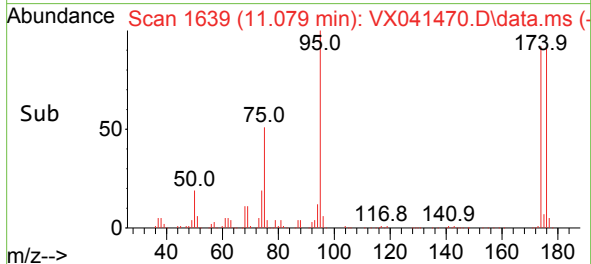
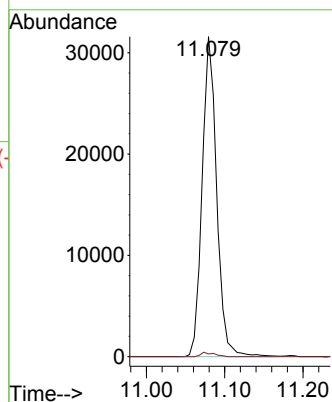
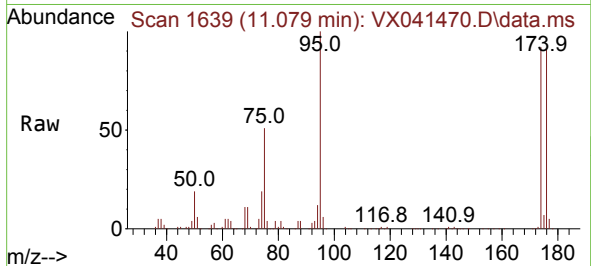




#76
1,2,3-Trichloropropane
Concen: 27.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40744
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041470.D
Acq: 10 May 2024 19:39

Tgt Ion: 75 Resp: 40744
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

