

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041300.D
 Acq On : 30 Apr 2024 15:31
 Operator : JC/MD
 Sample : P2248-01DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

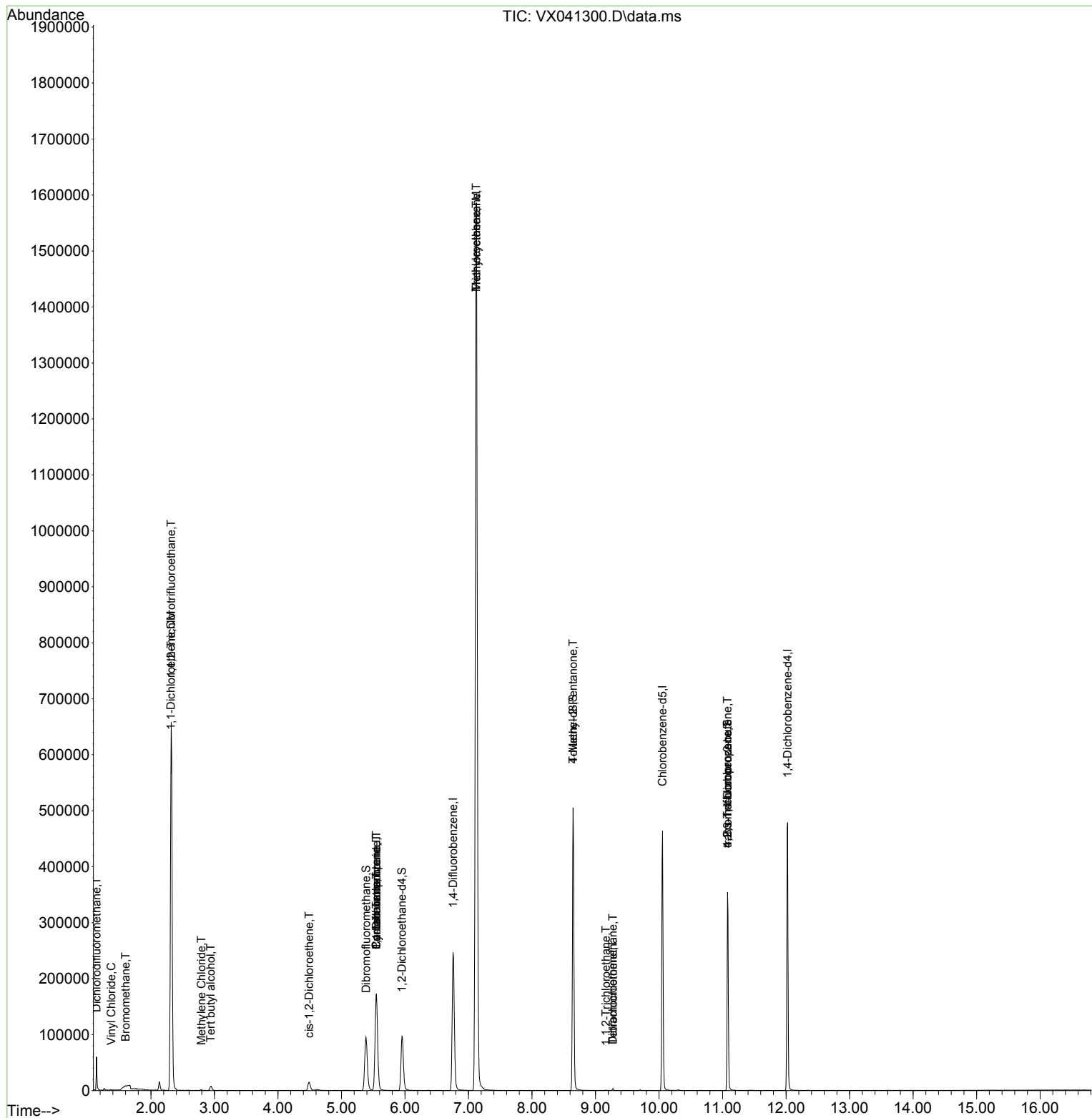
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	185244	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	269368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98680	48.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.860%
35) Dibromofluoromethane	5.385	113	82713	45.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.647	98	304809	52.757	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.520%
62) 4-Bromofluorobenzene	11.079	95	87059	38.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.860%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.142	85	4676	3.072	ug/l	97
4) Vinyl Chloride	1.374	62	339	0.226	ug/l	# 80
5) Bromomethane	1.599	94	508	0.540	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	244956	168.330	ug/l	# 87
11) Tert butyl alcohol	2.940	59	4764	11.803	ug/l	# 78
12) 1,1-Dichloroethene	2.313	96	970	0.676	ug/l	# 35
16) Acetone	2.392	43	2096	Below Cal		99
20) Methylene Chloride	2.794	84	777	0.444	ug/l	# 81
27) cis-1,2-Dichloroethene	4.489	96	10350	5.449	ug/l	80
31) Cyclohexane	5.550	56	3044	1.251	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10814	4.954	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	16438	6.574	ug/l	# 15
39) Methylcyclohexane	7.123	83	7073	2.758	ug/l	# 1
44) Trichloroethene	7.123	130	657707	370.156	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1305	0.531	ug/l	# 1
55) 1,1,2-Trichloroethane	9.165	97	347	0.219	ug/l	# 64
60) Dibromochloromethane	9.275	129	690	0.370	ug/l	# 11
64) Tetrachloroethene	9.275	164	775	0.484	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	45452	24.722	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	45452	67.340	ug/l	# 5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041300.D
Acq On : 30 Apr 2024 15:31
Operator : JC/MD
Sample : P2248-01DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

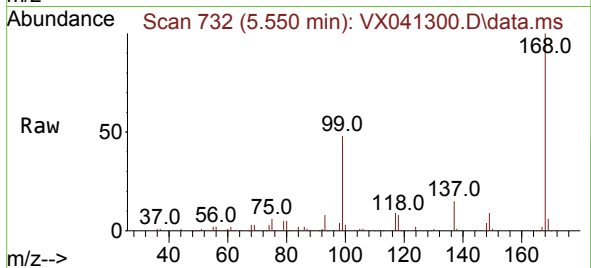
Quant Time: May 01 02:46:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



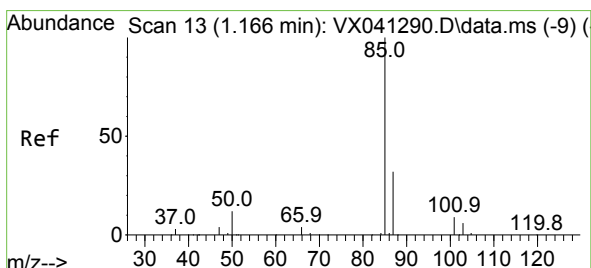
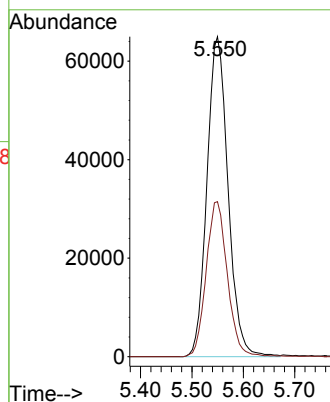
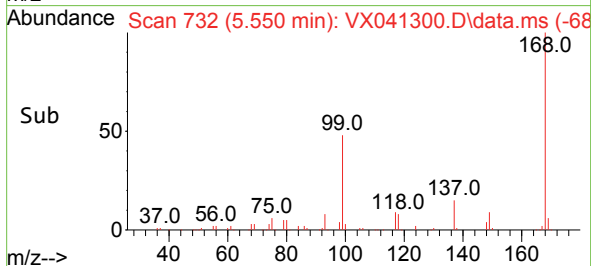


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :

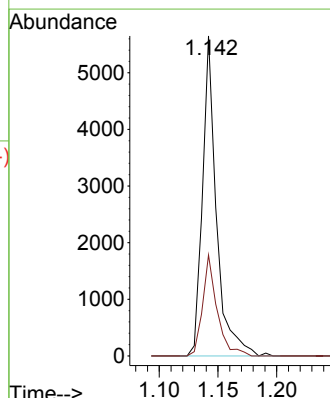
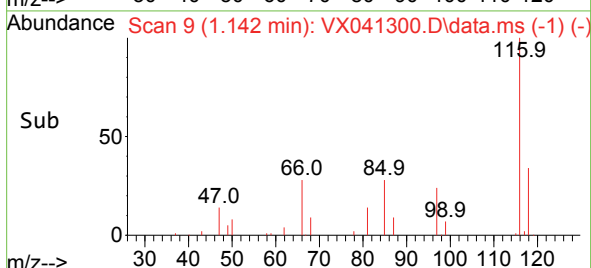
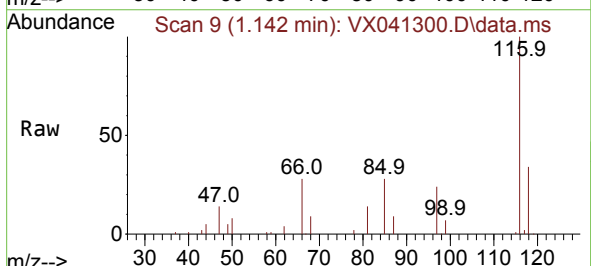


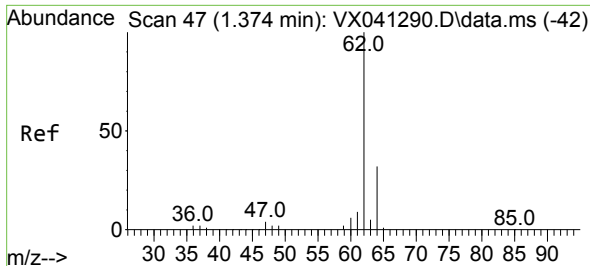
Tgt Ion:168 Resp: 185244
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 3.072 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 85 Resp: 4676
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

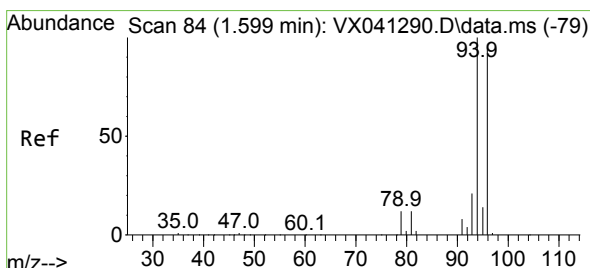
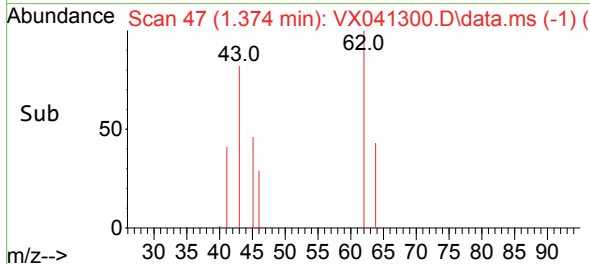
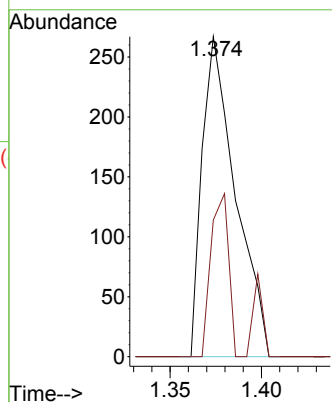
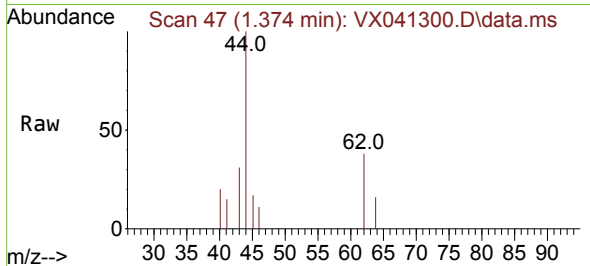




#4
 Vinyl Chloride
 Concen: 0.226 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041300.D
 Acq: 30 Apr 2024 15:31

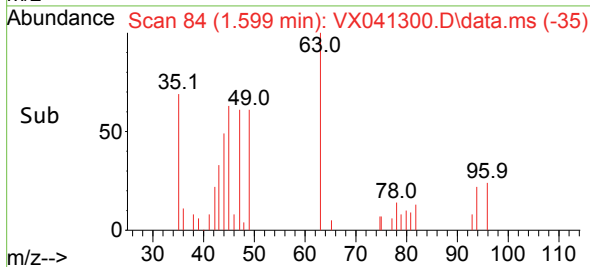
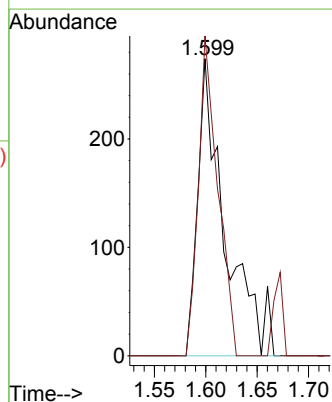
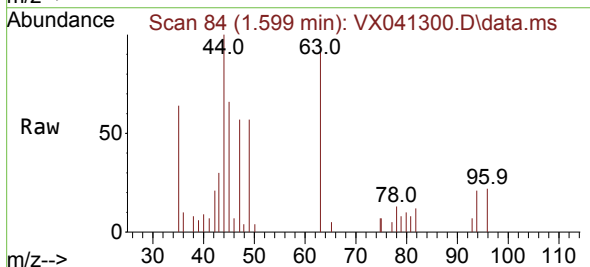
Instrument :
 MSVOA_X
 ClientSampleId :

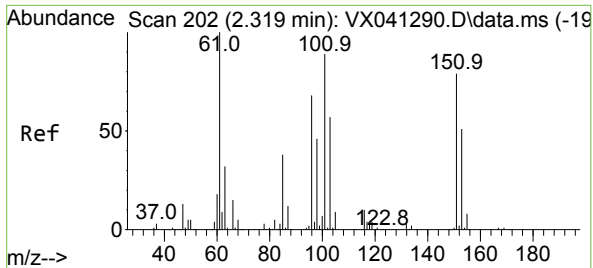
Tgt Ion: 62 Resp: 339
 Ion Ratio Lower Upper
 62 100
 64 42.7 25.4 38.0#



#5
 Bromomethane
 Concen: 0.540 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041300.D
 Acq: 30 Apr 2024 15:31

Tgt Ion: 94 Resp: 508
 Ion Ratio Lower Upper
 94 100
 96 107.7 74.6 111.8

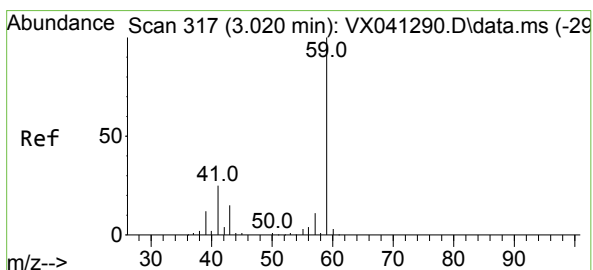
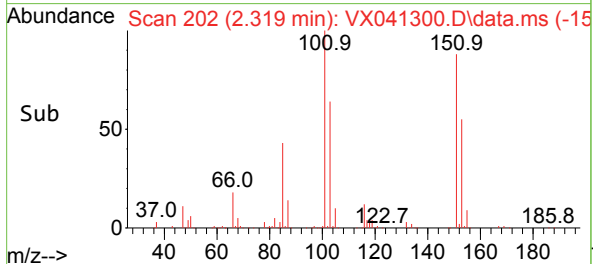
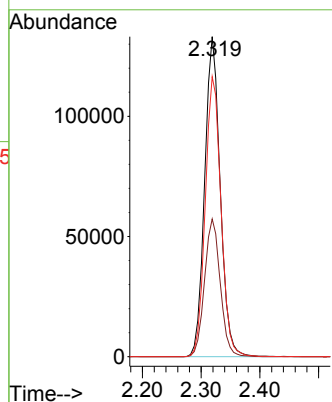
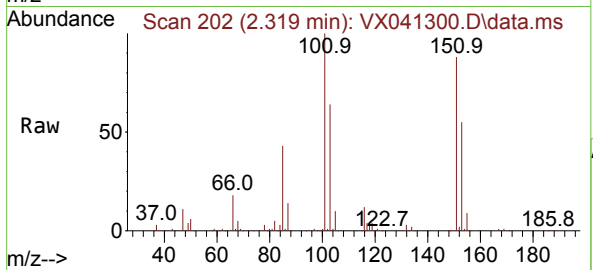




#9
1,1,2-Trichlorotrifluoroethane
Concen: 168.330 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

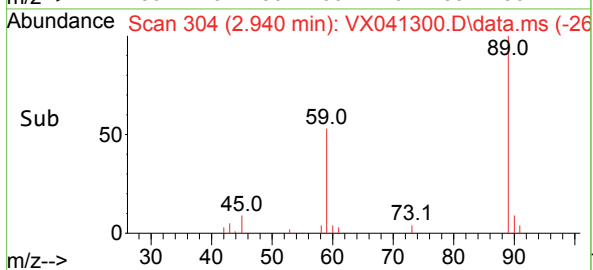
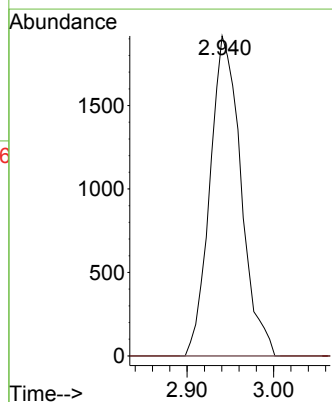
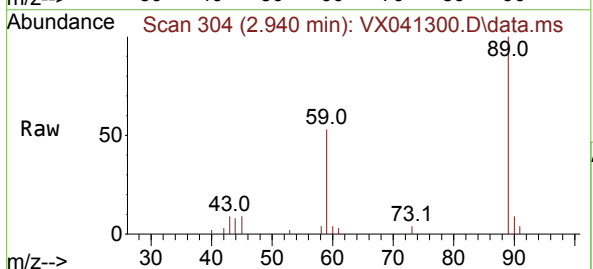
Instrument :
MSVOA_X
ClientSampleId :

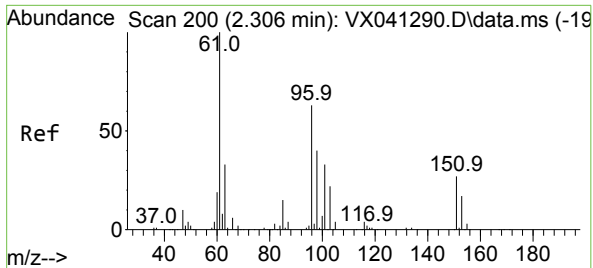
Tgt Ion:101 Resp: 244956
Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 88.7 58.6 87.8#



#11
Tert butyl alcohol
Concen: 11.803 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 59 Resp: 4764
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

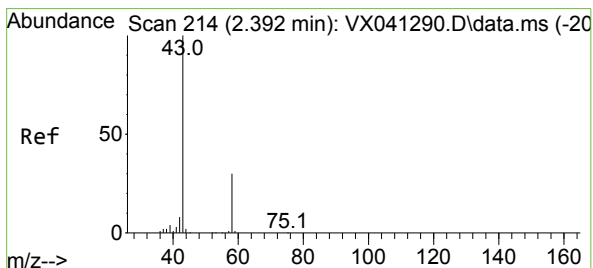
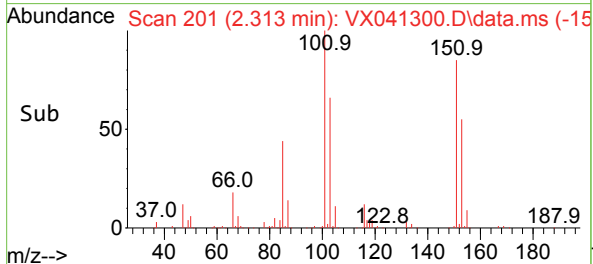
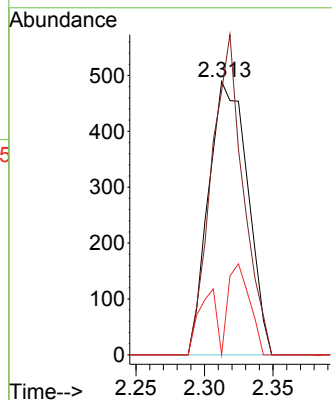
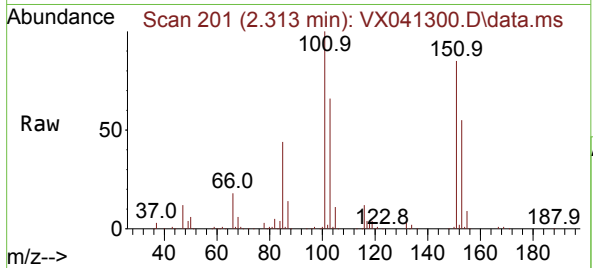




#12
1,1-Dichloroethene
Concen: 0.676 ug/l
RT: 2.313 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

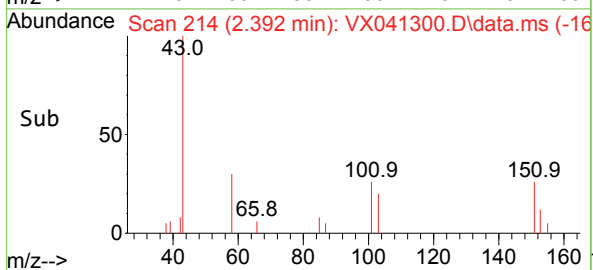
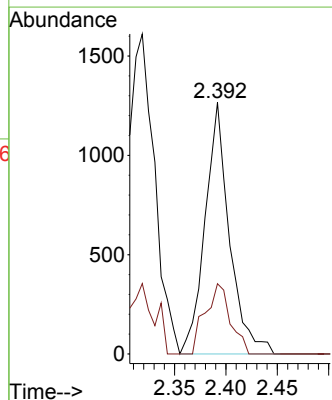
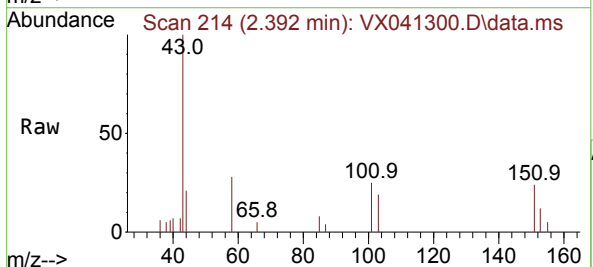
Instrument :
MSVOA_X
ClientSampleId :

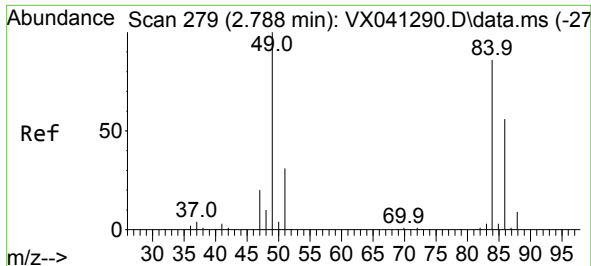
Tgt Ion: 96 Resp: 970
Ion Ratio Lower Upper
96 100
61 96.5 144.6 216.8#
98 0.0 50.4 75.6#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

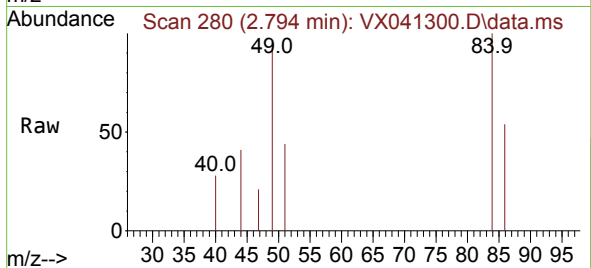
Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9





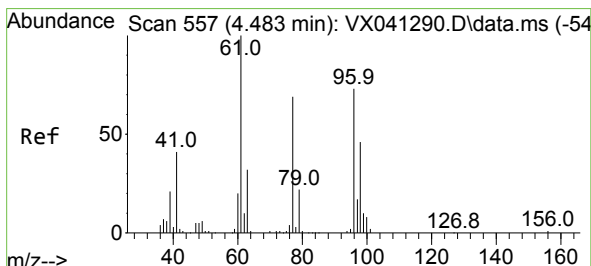
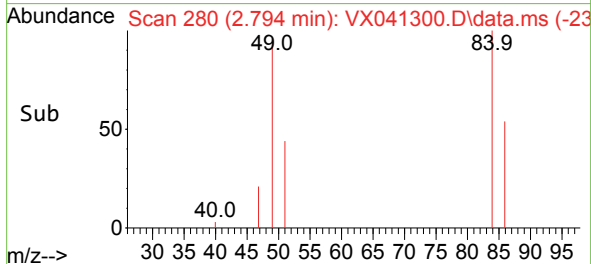
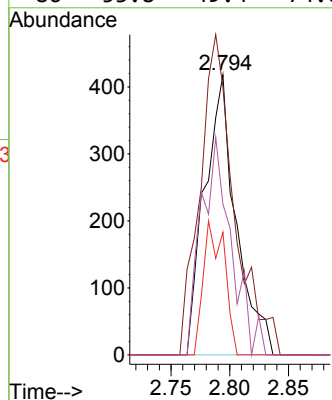
#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 777

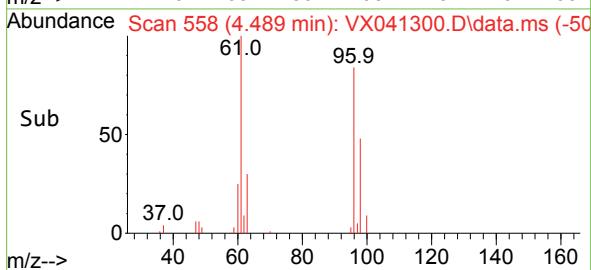
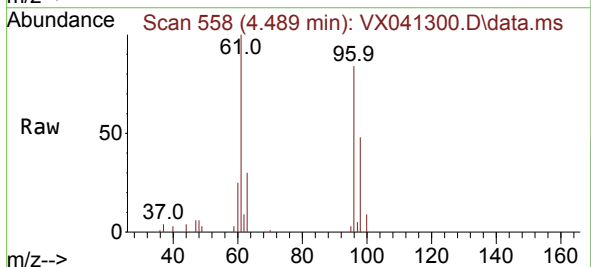
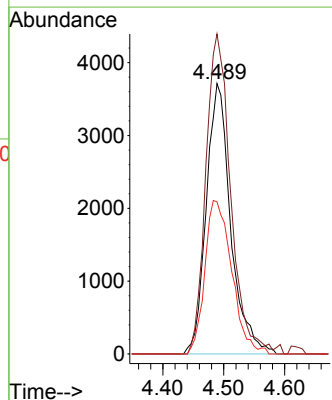
Ion	Ratio	Lower	Upper
84	100		
49	95.7	103.6	155.4#
51	43.8	33.8	50.6
86	53.8	49.4	74.0

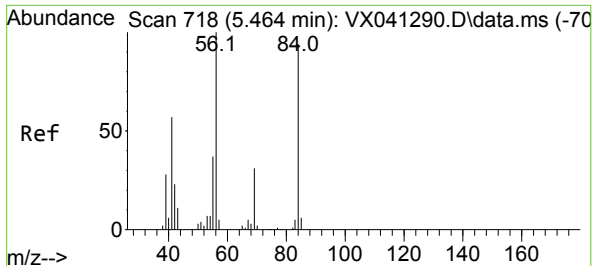


#27
cis-1,2-Dichloroethene
Concen: 5.449 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 96 Resp: 10350

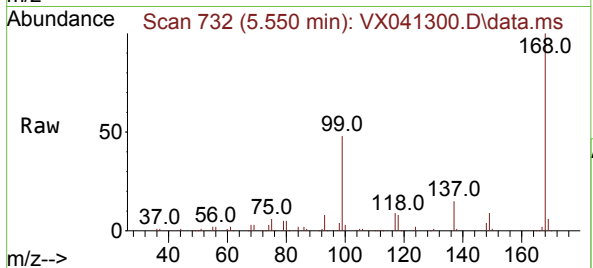
Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	312.2
98	62.3	0.0	129.0



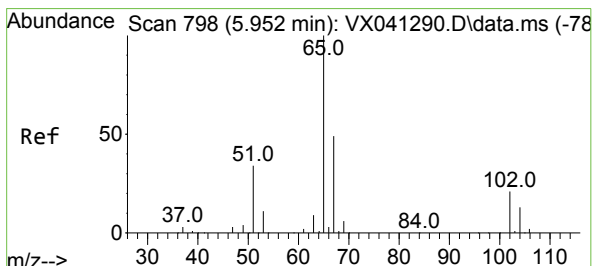
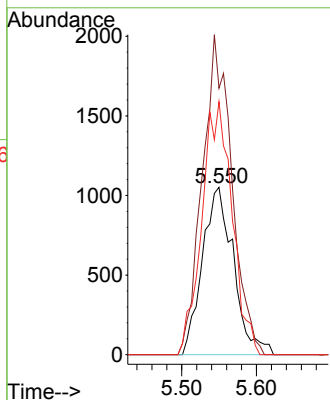
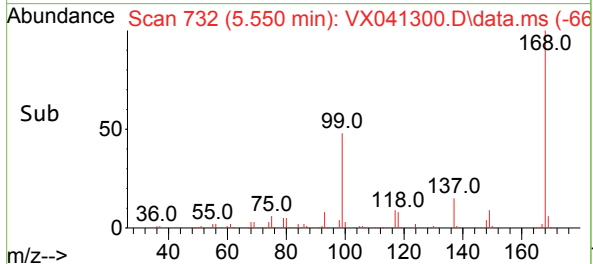


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :

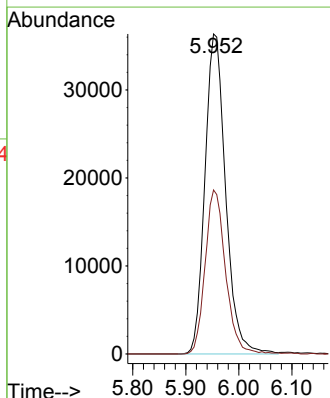
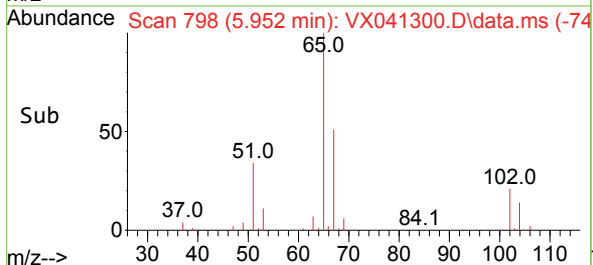
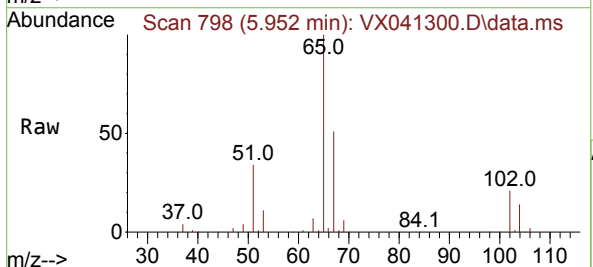


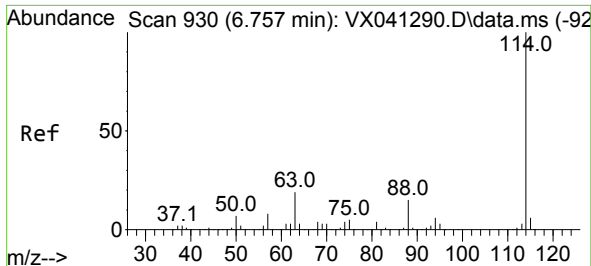
Tgt Ion: 56 Resp: 3044
Ion Ratio Lower Upper
56 100
69 159.2 23.4 35.2#
84 151.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.933 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 65 Resp: 98680
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

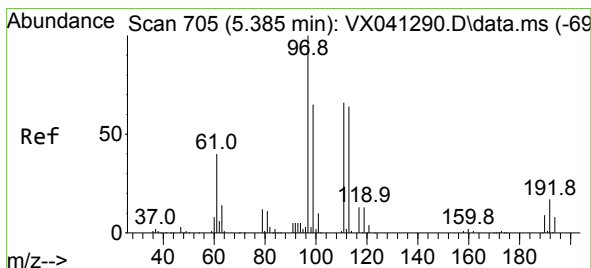
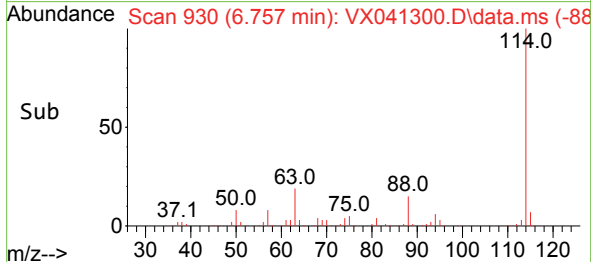
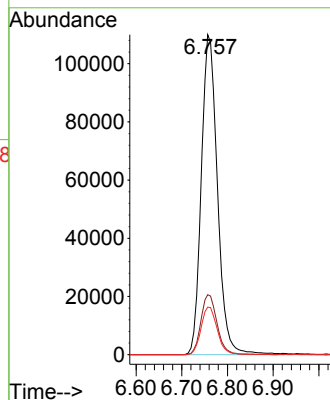
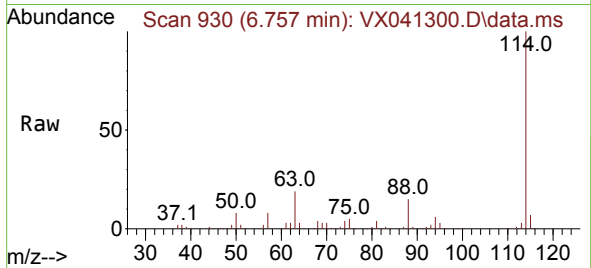




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

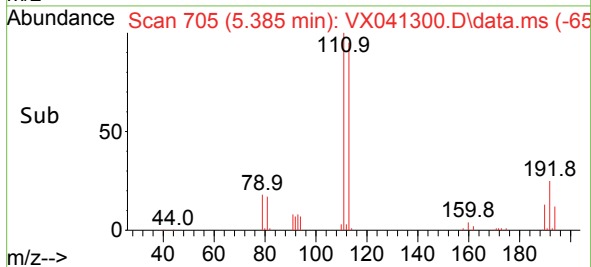
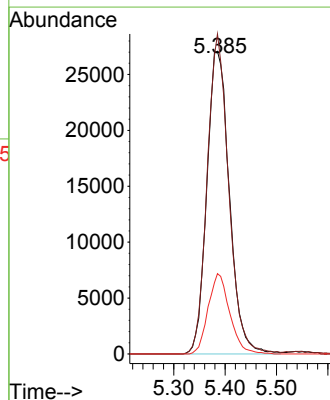
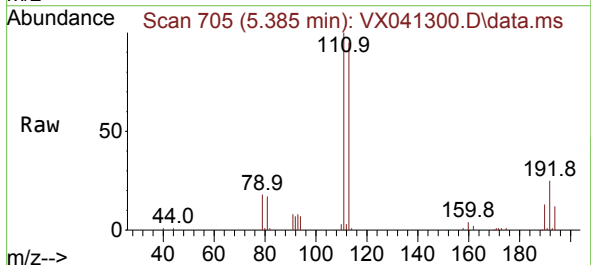
Instrument :
MSVOA_X
ClientSampleId :

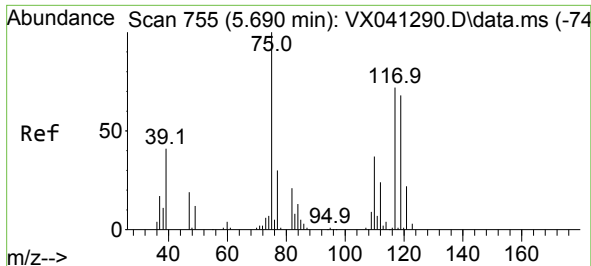
Tgt Ion:114 Resp: 269368
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

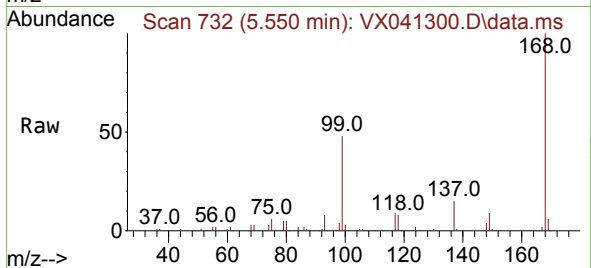
Tgt Ion:113 Resp: 82713
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.3 13.3 19.9#



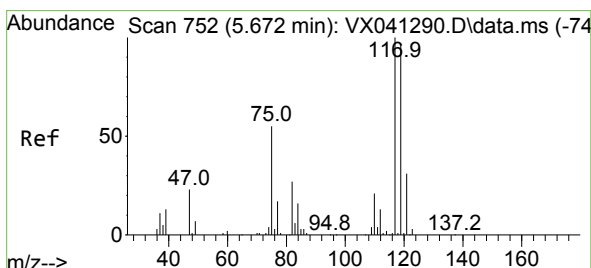
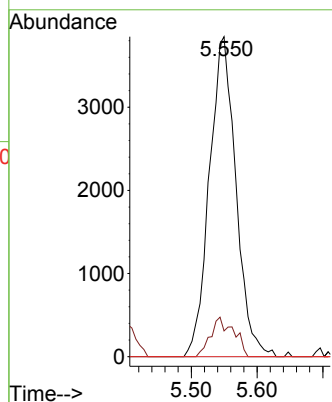
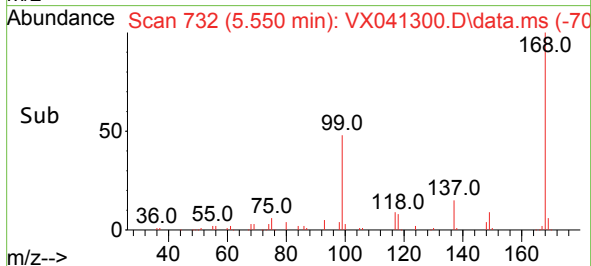


#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :

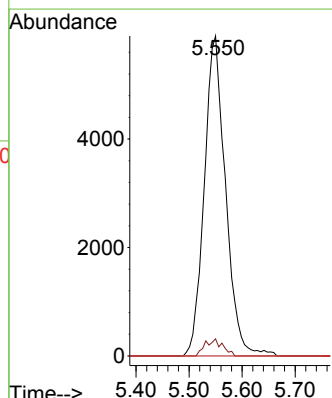
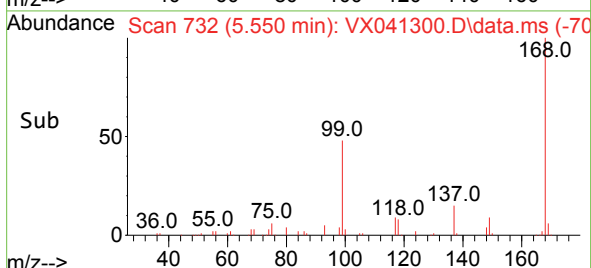
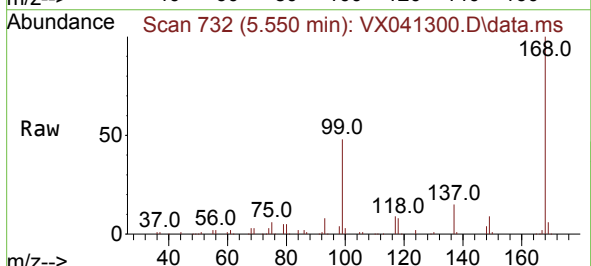


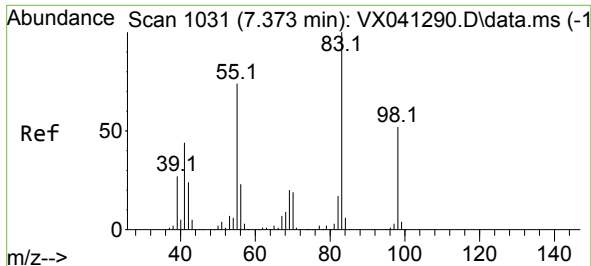
Tgt Ion: 75 Resp: 10814
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 117 Resp: 16438
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

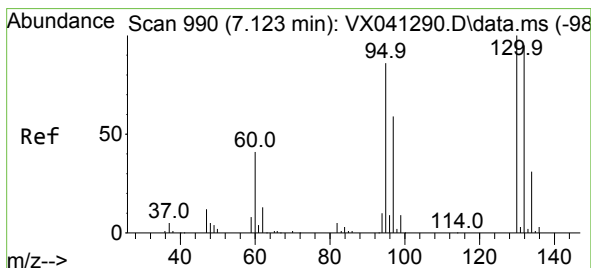
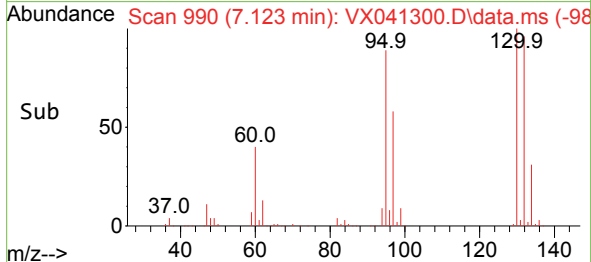
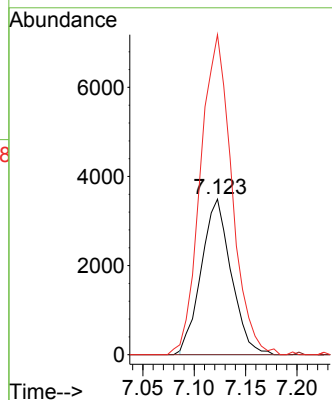
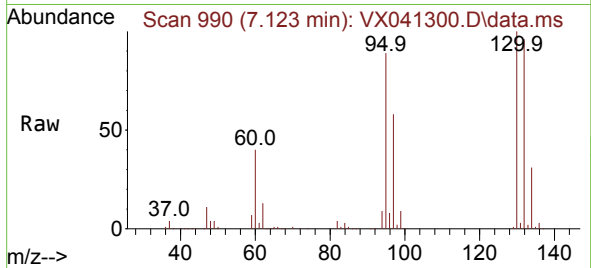




#39
Methylcyclohexane
Concen: 2.758 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

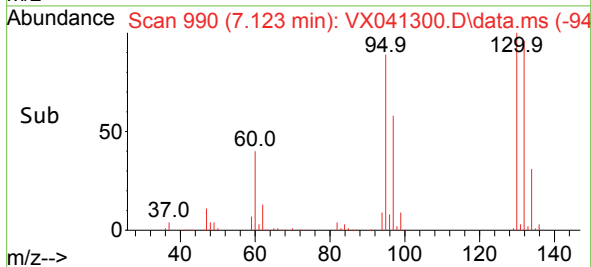
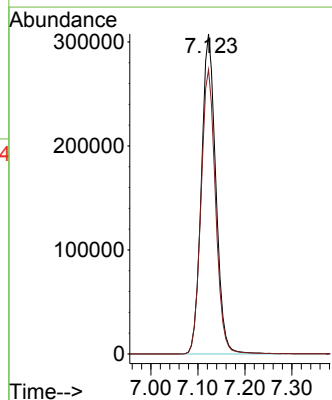
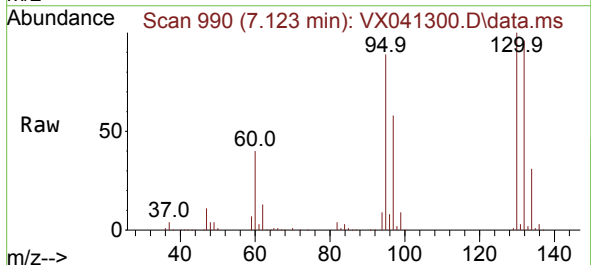
Instrument :
MSVOA_X
ClientSampleId :

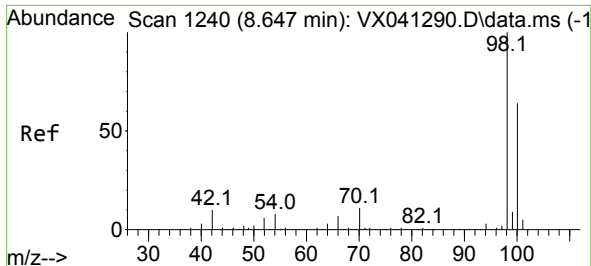
Tgt Ion: 83 Resp: 7073
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 205.8 36.7 55.1#



#44
Trichloroethene
Concen: 370.156 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion:130 Resp: 657707
Ion Ratio Lower Upper
130 100
95 88.9 0.0 204.4

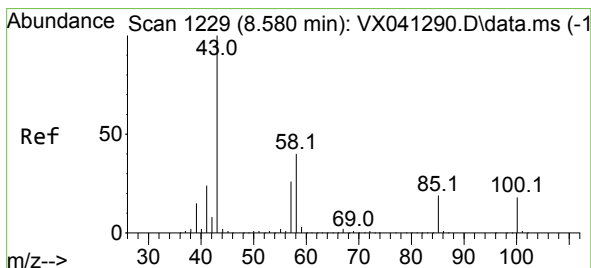
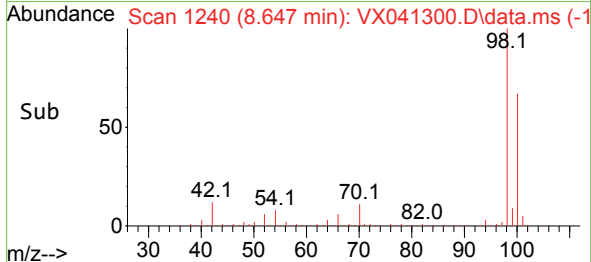
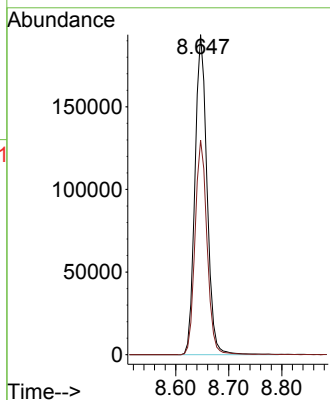
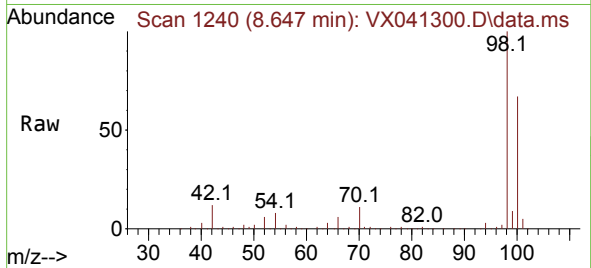




#50
Toluene-d8
Concen: 52.757 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

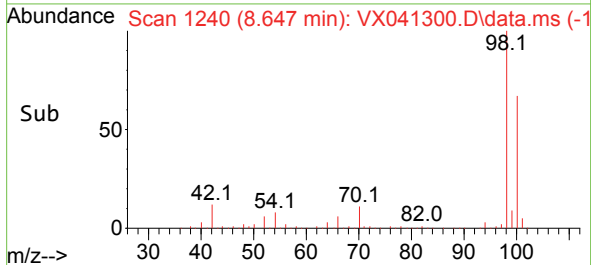
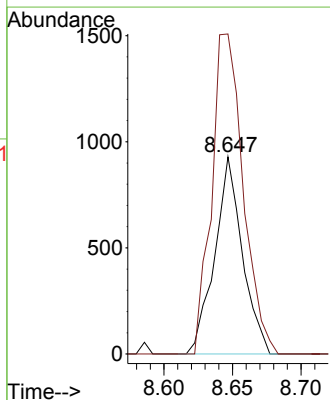
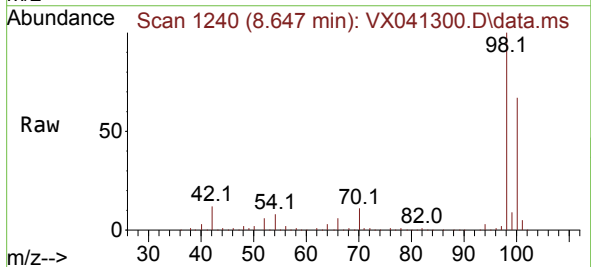
Instrument :
MSVOA_X
ClientSampleId :

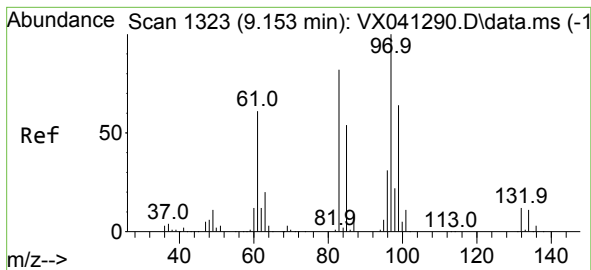
Tgt Ion: 98 Resp: 304809
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#





#55

1,1,2-Trichloroethane

Concen: 0.219 ug/l

RT: 9.165 min Scan# 1

Delta R.T. 0.012 min

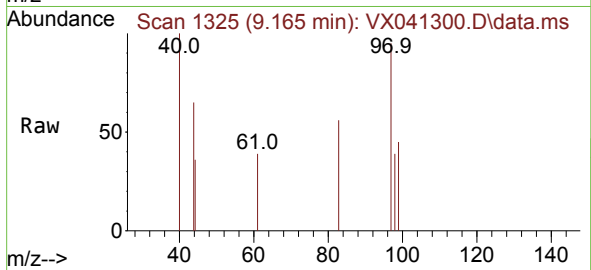
Lab File: VX041300.D

Acq: 30 Apr 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 347

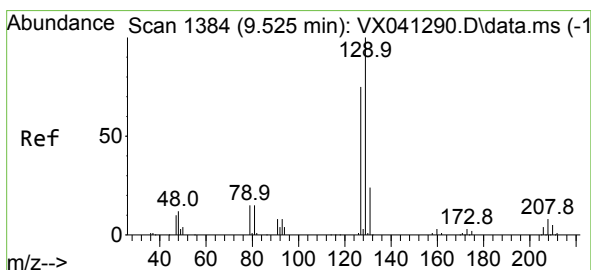
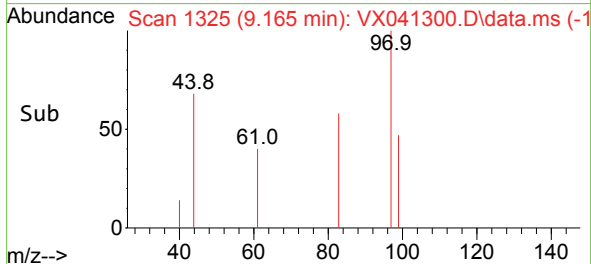
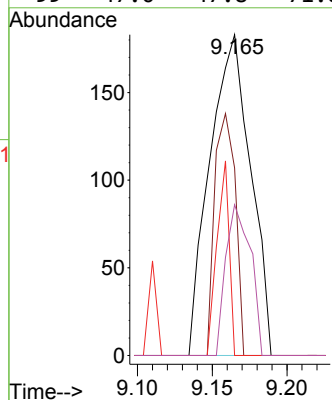
Ion Ratio Lower Upper

97 100

83 58.5 65.8 98.8#

85 0.0 41.6 62.4#

99 47.0 47.8 71.8#



#60

Dibromochloromethane

Concen: 0.370 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX041300.D

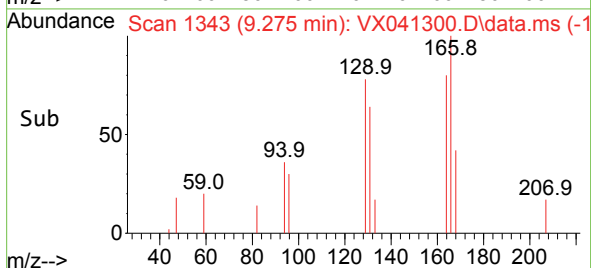
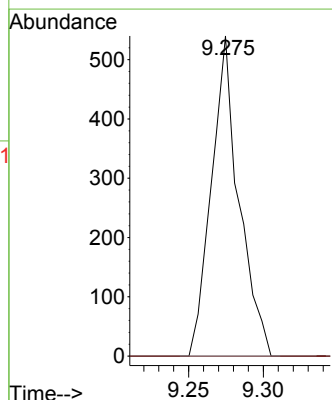
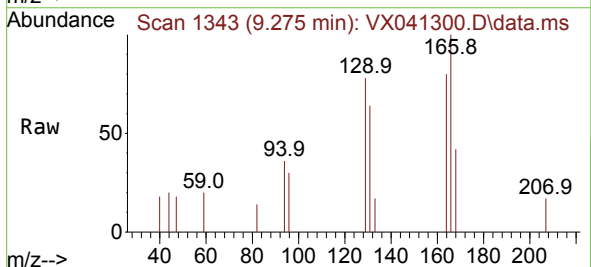
Acq: 30 Apr 2024 15:31

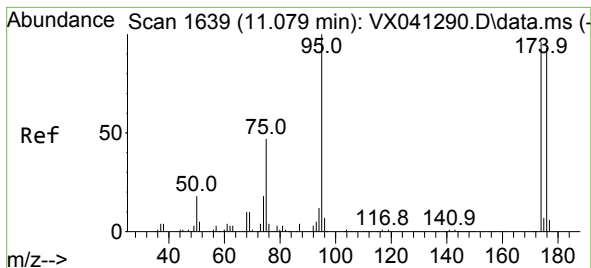
Tgt Ion: 129 Resp: 690

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

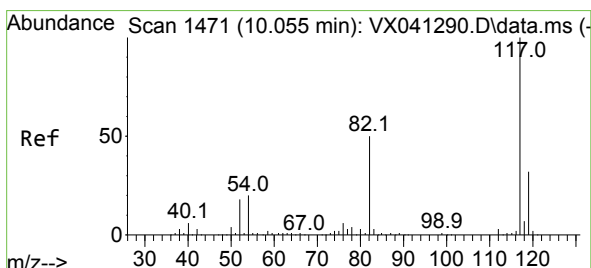
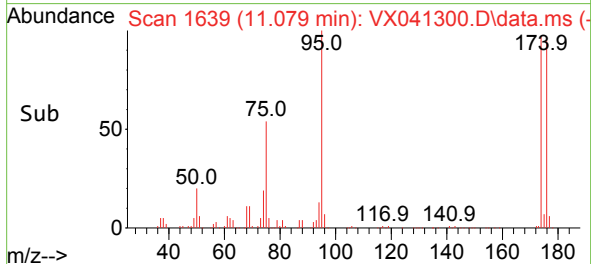
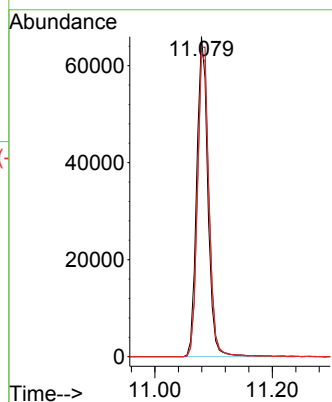
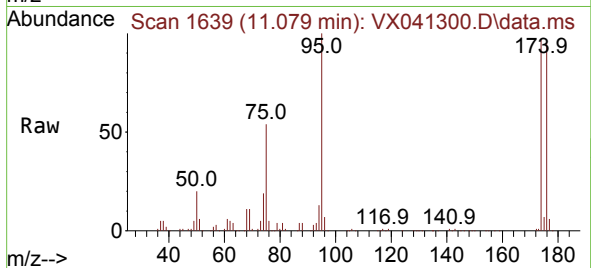




#62
4-Bromofluorobenzene
Concen: 38.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

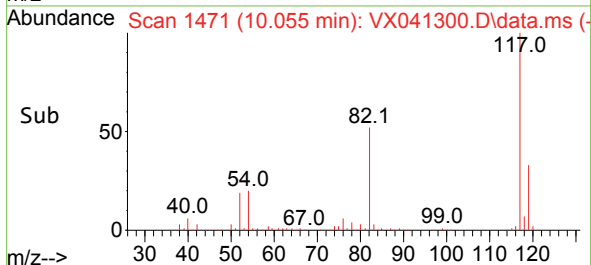
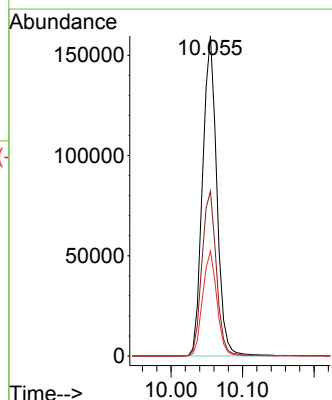
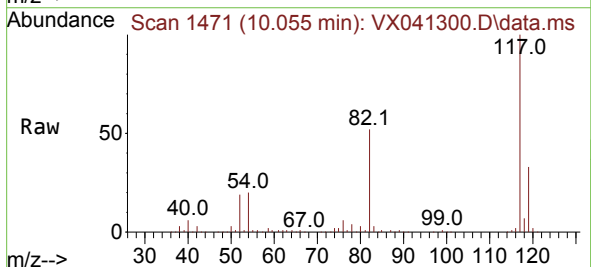
Instrument :
MSVOA_X
ClientSampleId :

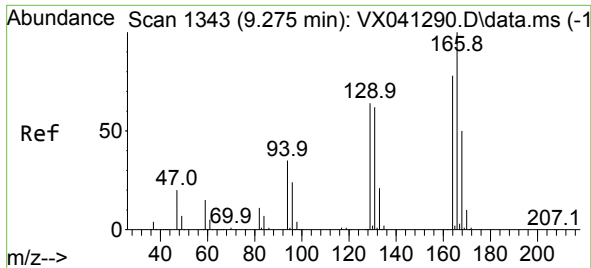
Tgt Ion: 95 Resp: 87059
Ion Ratio Lower Upper
95 100
174 100.8 0.0 135.6
176 97.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

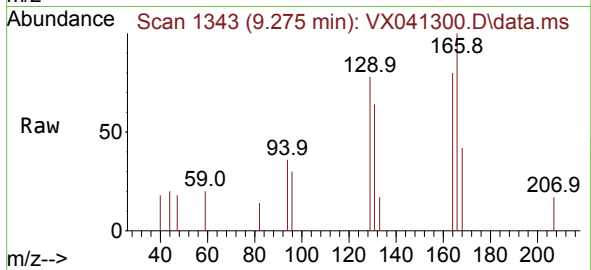
Tgt Ion: 117 Resp: 220995
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.8 25.5 38.3



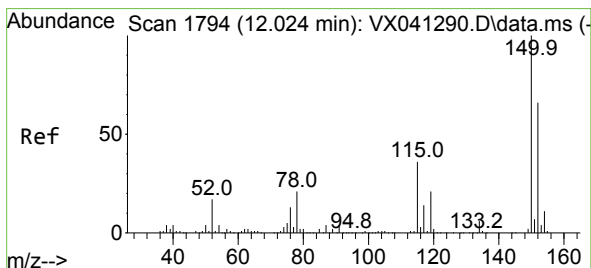
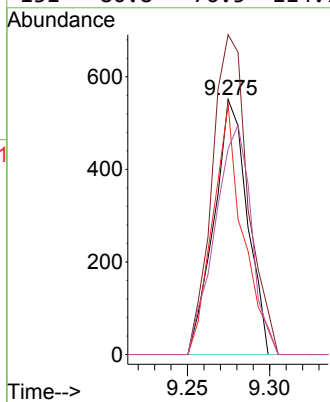
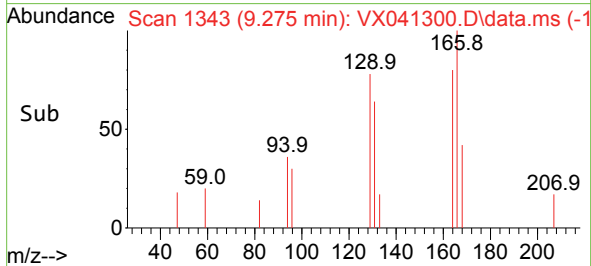


#64
Tetrachloroethene
Concen: 0.484 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31

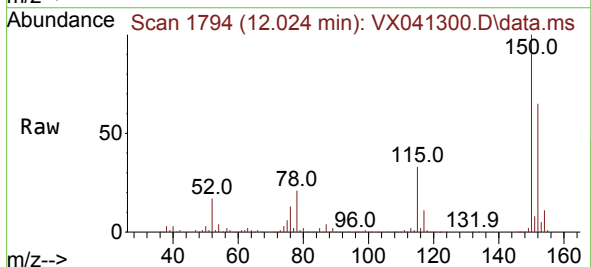
Instrument :
MSVOA_X
ClientSampleId :



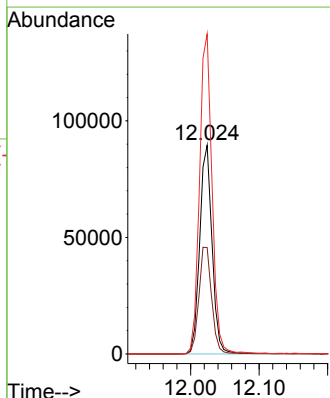
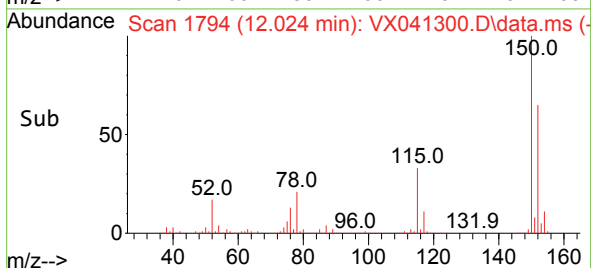
Tgt Ion:164 Resp: 775
Ion Ratio Lower Upper
164 100
166 125.4 102.7 154.1
129 98.0 80.4 120.6
131 80.8 76.5 114.7

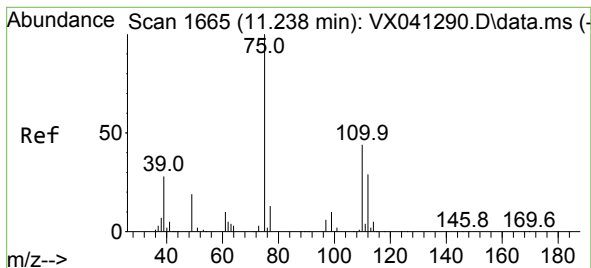


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041300.D
Acq: 30 Apr 2024 15:31



Tgt Ion:152 Resp: 112814
Ion Ratio Lower Upper
152 100
115 53.1 43.3 129.9
150 155.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.722 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041300.D

Acq: 30 Apr 2024 15:31

Instrument :

MSVOA_X

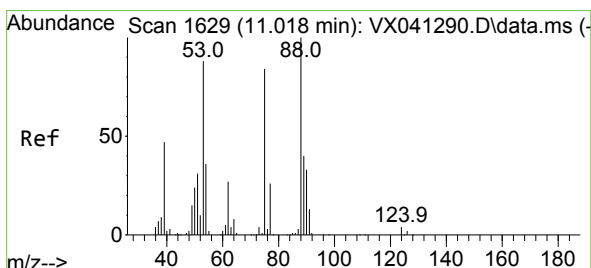
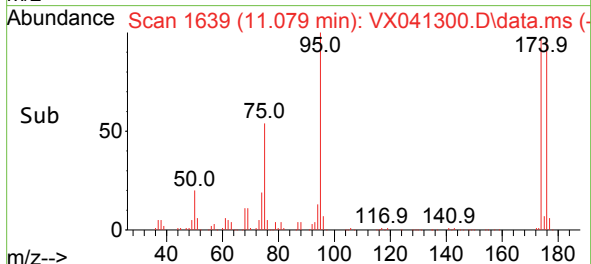
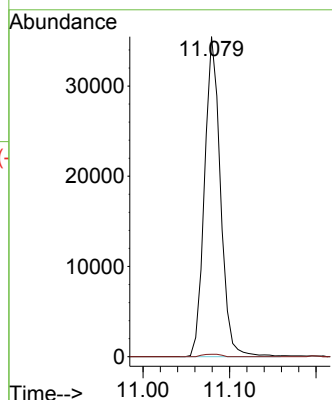
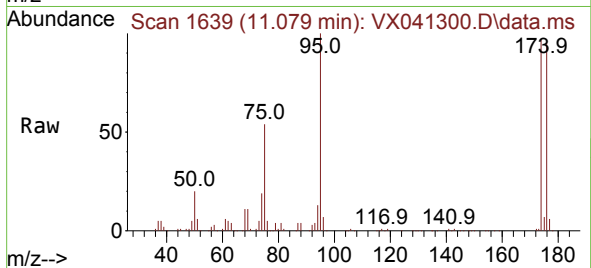
ClientSampleId :

Tgt Ion: 75 Resp: 45452

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041300.D

Acq: 30 Apr 2024 15:31

Tgt Ion: 75 Resp: 45452

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

