

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041345.D
 Acq On : 02 May 2024 11:55
 Operator : JC/MD
 Sample : P2264-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 03 01:35:32 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)

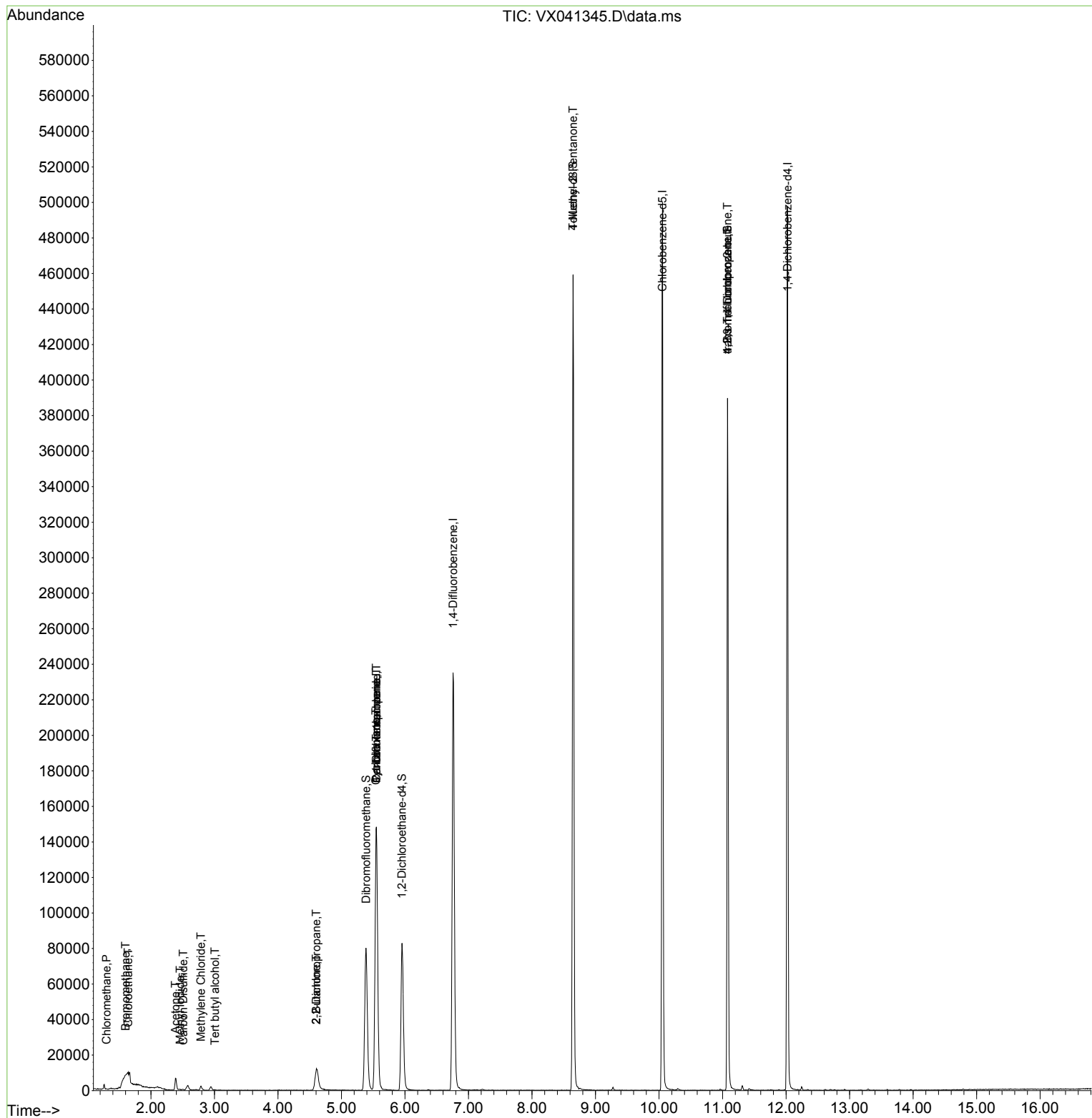
Internal Standards						
1) Pentafluorobenzene	5.550	168	159793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	252925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82391	47.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	68711	40.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.180%
50) Toluene-d8	8.647	98	277718	51.193	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.380%
62) 4-Bromofluorobenzene	11.079	95	100755	47.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	296	0.218	ug/l	# 85
5) Bromomethane	1.599	94	631	0.777	ug/l	82
6) Chloroethane	1.642	64	289	0.481	ug/l	# 86
10) Methyl Iodide	2.459	142	525	0.389	ug/l	# 70
11) Tert butyl alcohol	3.008	59	437	1.255	ug/l	# 78
16) Acetone	2.386	43	7784	6.349	ug/l	97
17) Carbon Disulfide	2.508	76	703	0.242	ug/l	# 79
20) Methylene Chloride	2.788	84	1168	0.773	ug/l	86
25) 2-Butanone	4.605	43	439	0.390	ug/l	# 51
26) 2,2-Dichloropropane	4.605	77	1166	0.560	ug/l	# 54
31) Cyclohexane	5.544	56	2723	1.297	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10099	4.927	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14131	6.019	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1269	0.550	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	51024	26.553	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	51024	72.328	ug/l	# 5

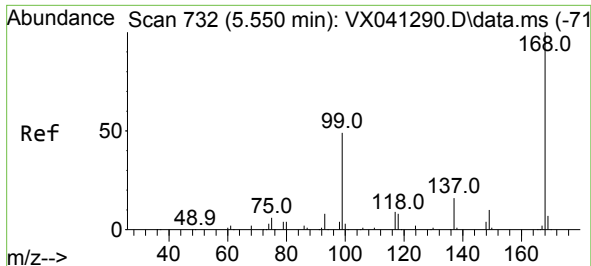
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

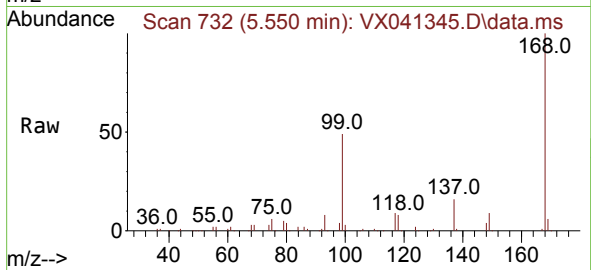
Quant Time: May 03 01:35:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



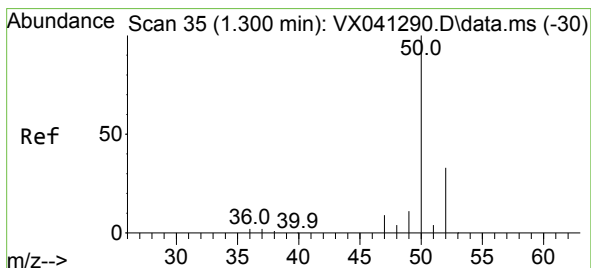
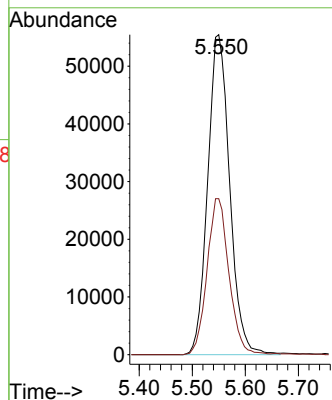
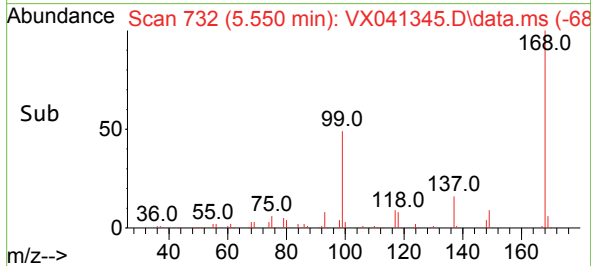


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

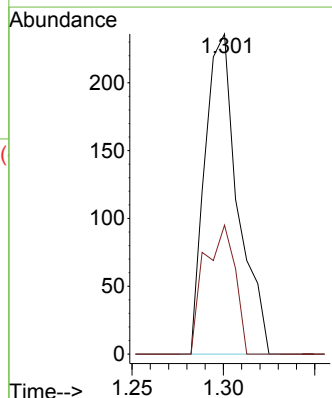
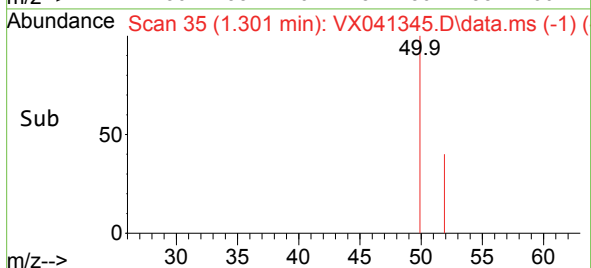
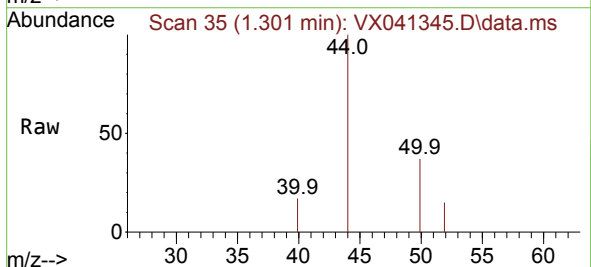


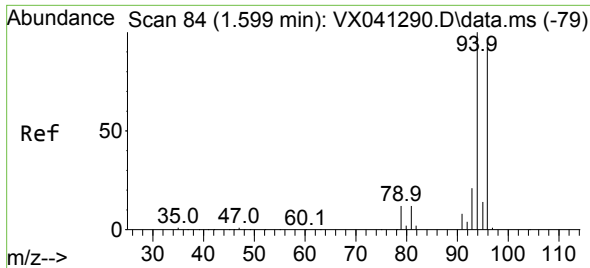
Tgt Ion:168 Resp: 159793
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

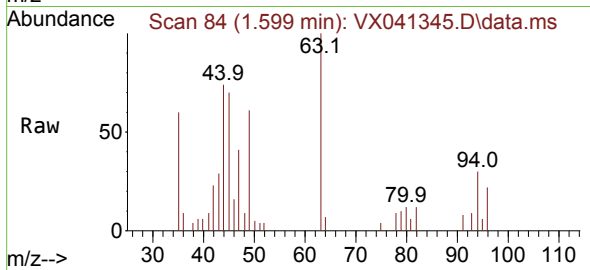
Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 40.3 25.5 38.3#



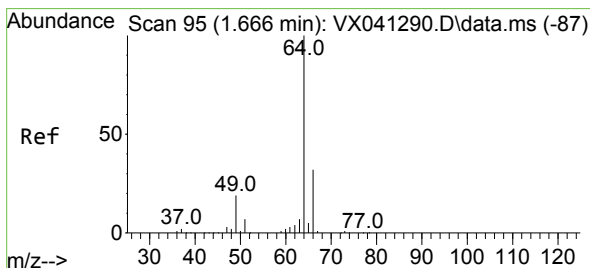
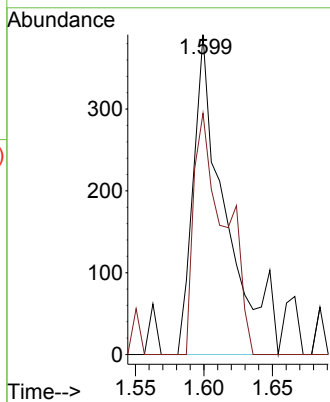
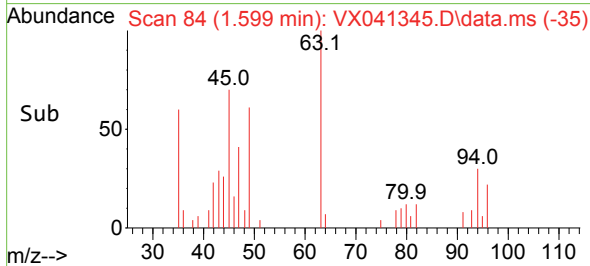


#5
Bromomethane
Concen: 0.777 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

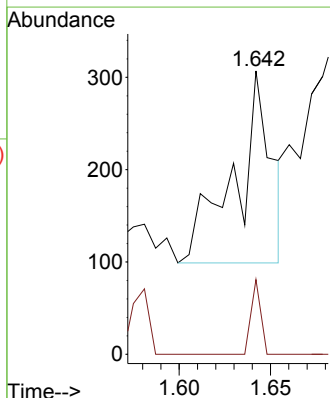
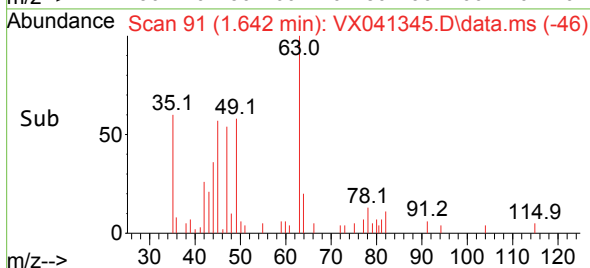
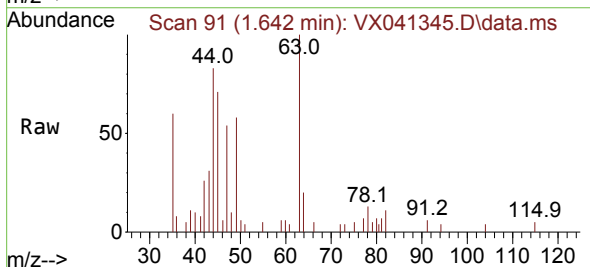


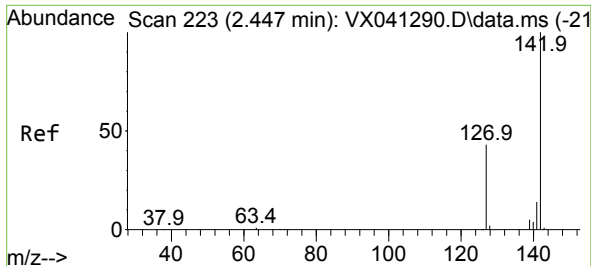
Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 75.4 74.6 111.8



#6
Chloroethane
Concen: 0.481 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

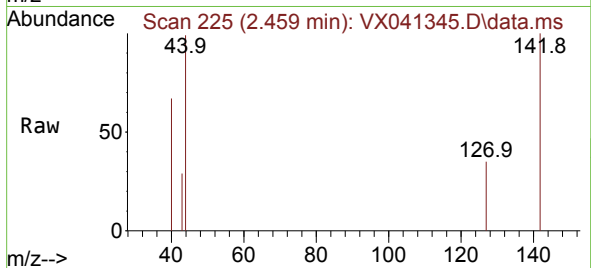
Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 38.9 25.1 37.7#



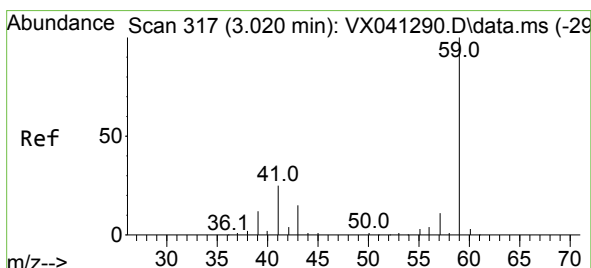
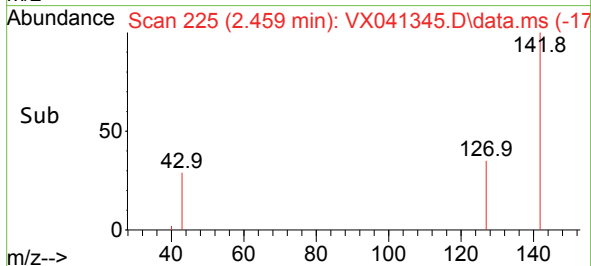
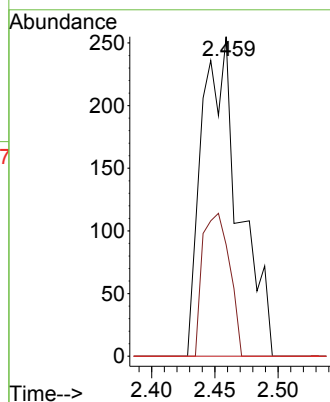


#10
Methyl Iodide
Concen: 0.389 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

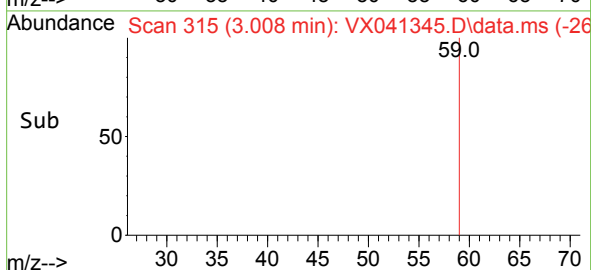
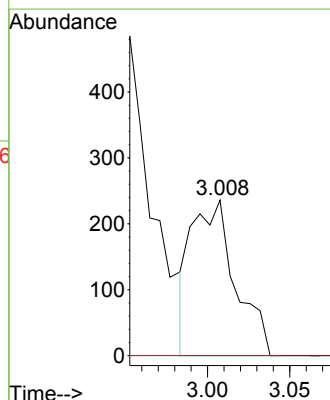
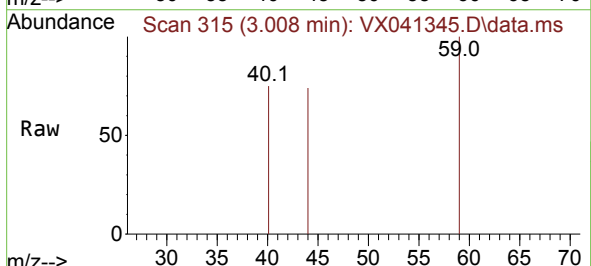


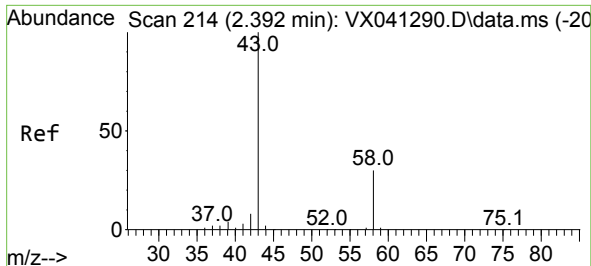
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 32.2 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

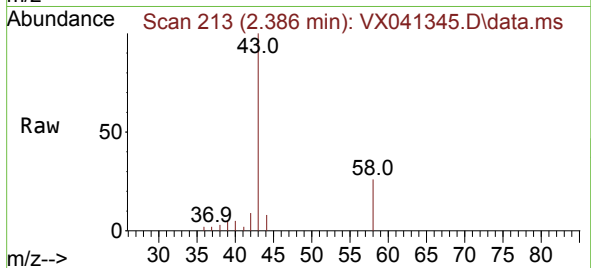
Tgt Ion: 59 Resp: 437
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



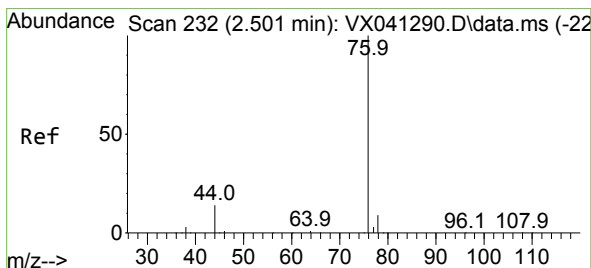
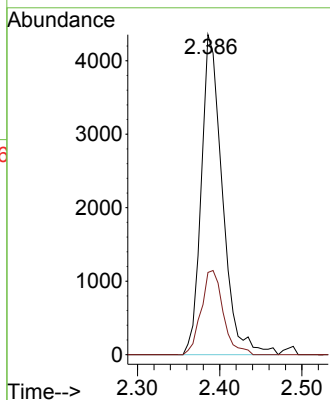
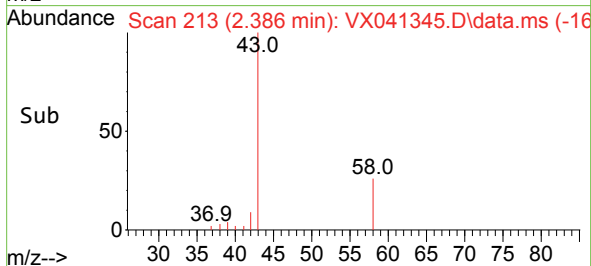


#16
Acetone
Concen: 6.349 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

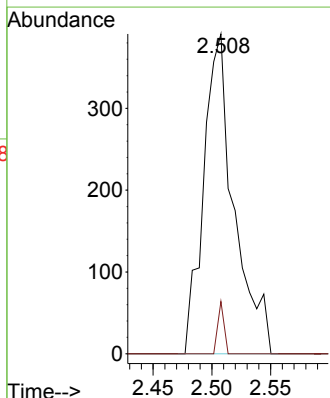
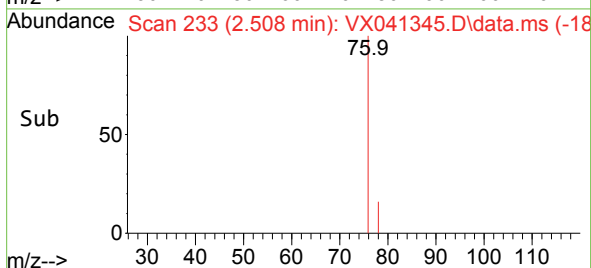
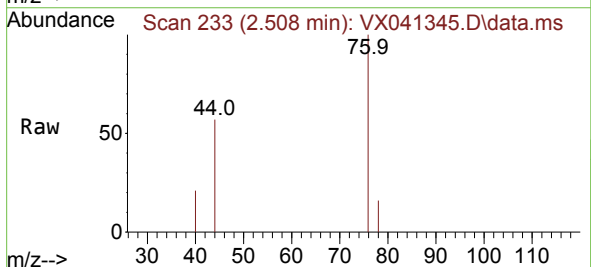


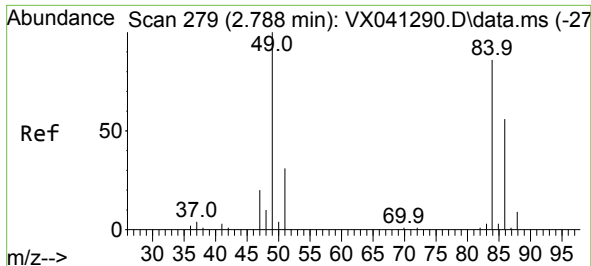
Tgt Ion: 43 Resp: 7784
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.007 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

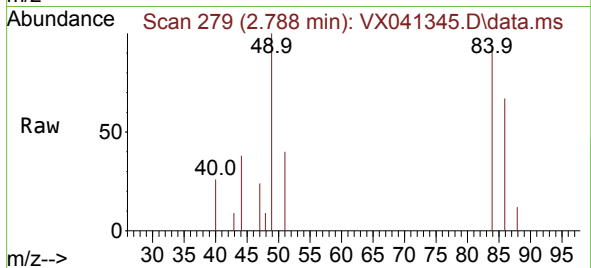
Tgt Ion: 76 Resp: 703
Ion Ratio Lower Upper
76 100
78 16.4 7.0 10.6#



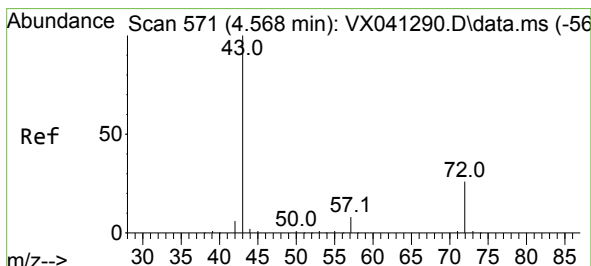
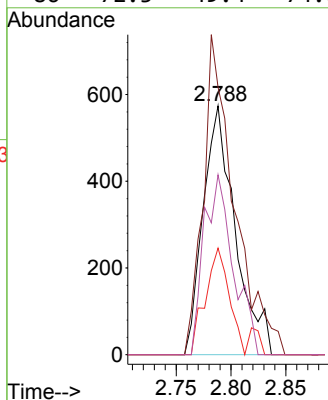
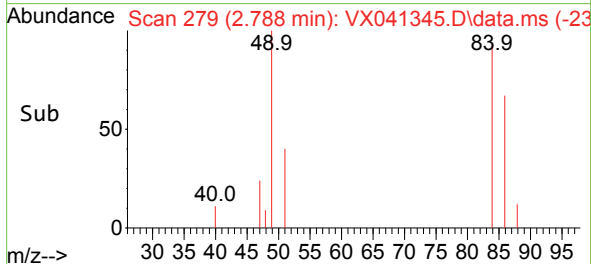


#20
Methylene Chloride
Concen: 0.773 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

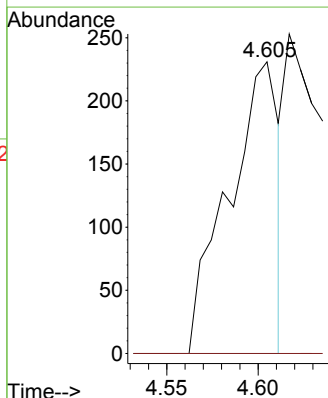
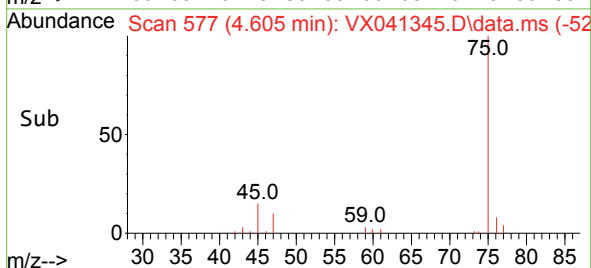
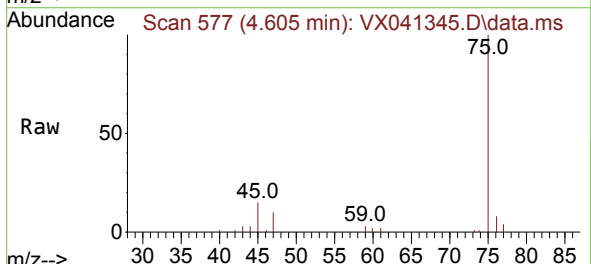


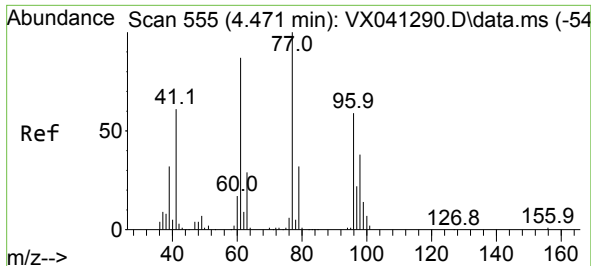
Tgt Ion: 84	Resp: 1168
Ion Ratio	Lower Upper
84 100	
49 107.5	103.6 155.4
51 42.9	33.8 50.6
86 72.3	49.4 74.0



#25
2-Butanone
Concen: 0.390 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Tgt Ion: 43	Resp: 439		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	





#26

2,2-Dichloropropane

Concen: 0.560 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.134 min

Lab File: VX041345.D

Acq: 02 May 2024 11:55

Instrument :

MSVOA_X

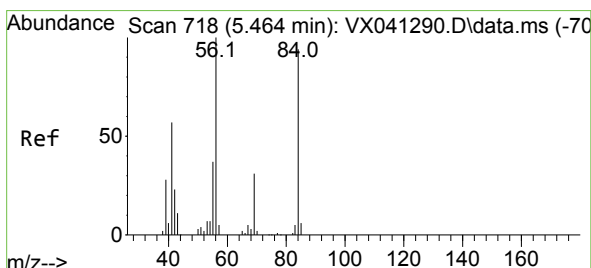
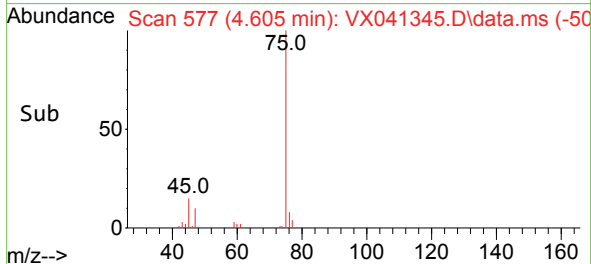
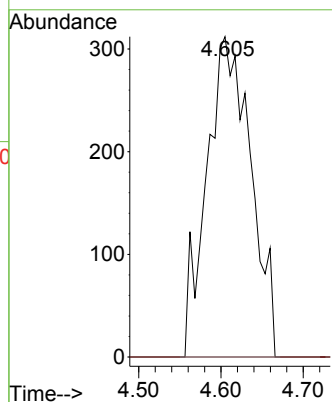
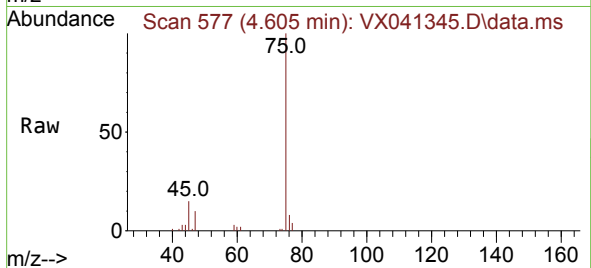
ClientSampleId :

Tgt Ion: 77 Resp: 1166

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.297 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041345.D

Acq: 02 May 2024 11:55

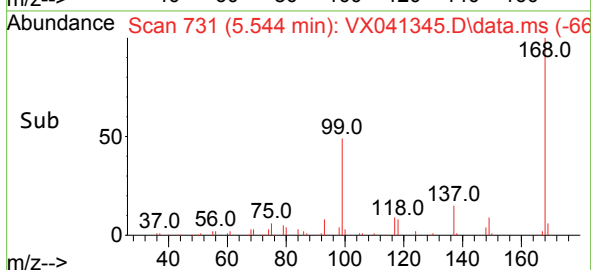
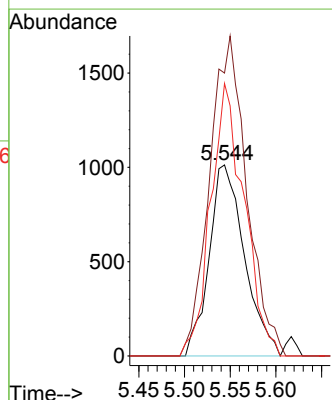
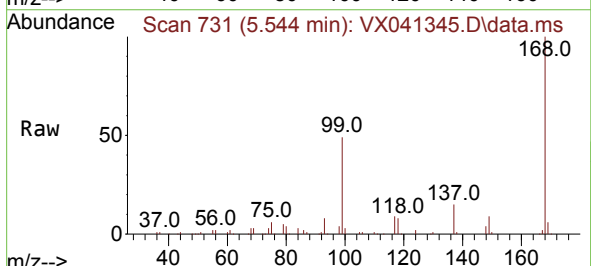
Tgt Ion: 56 Resp: 2723

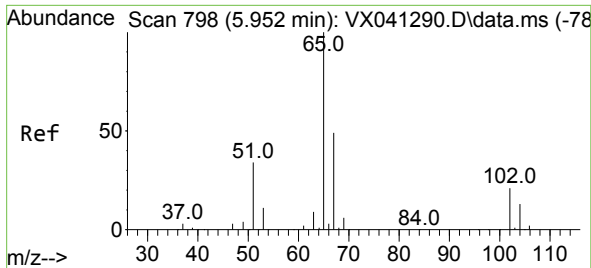
Ion Ratio Lower Upper

56 100

69 148.1 23.4 35.2#

84 142.6 65.9 98.9#

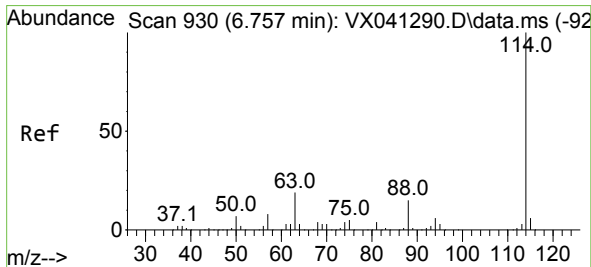
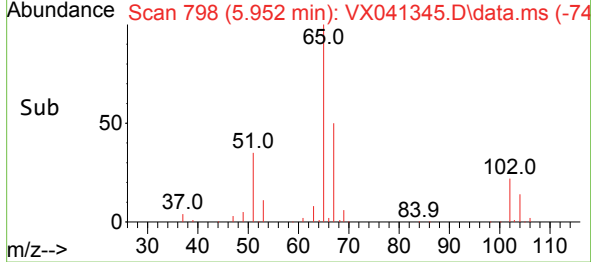
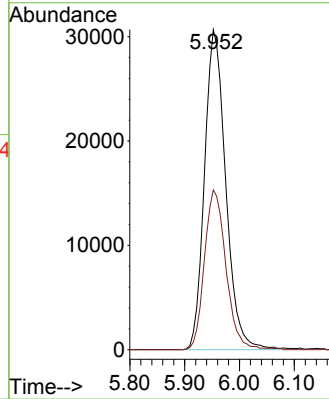
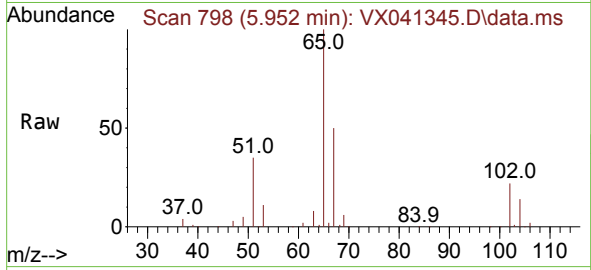




#33
 1,2-Dichloroethane-d4
 Concen: 47.363 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041345.D
 Acq: 02 May 2024 11:55

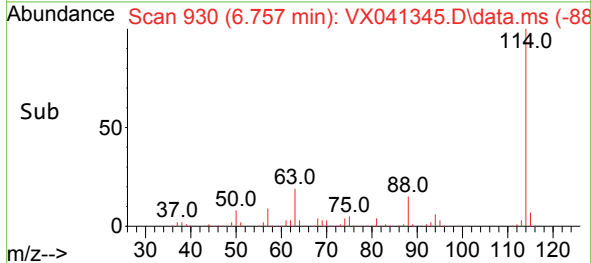
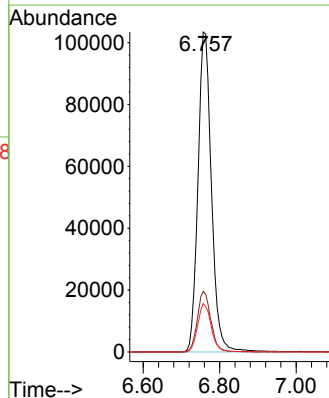
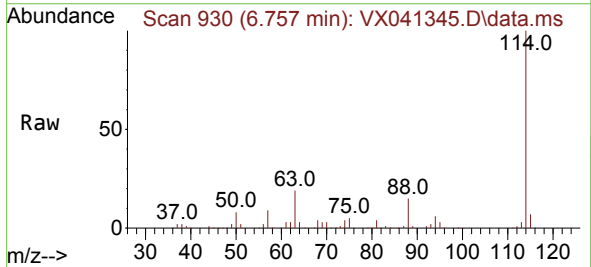
Instrument :
 MSVOA_X
 ClientSampleId :

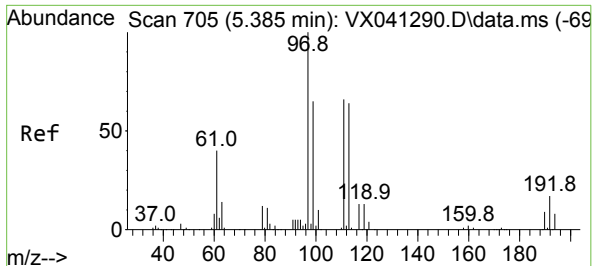
Tgt Ion: 65 Resp: 82391
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041345.D
 Acq: 02 May 2024 11:55

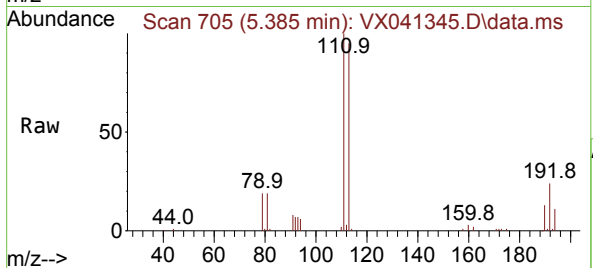
Tgt Ion: 114 Resp: 252925
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.1 0.0 36.6



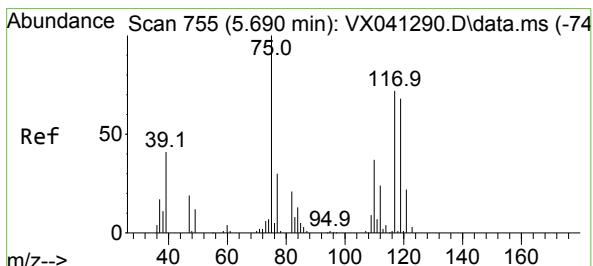
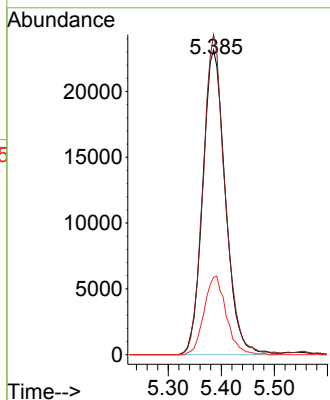
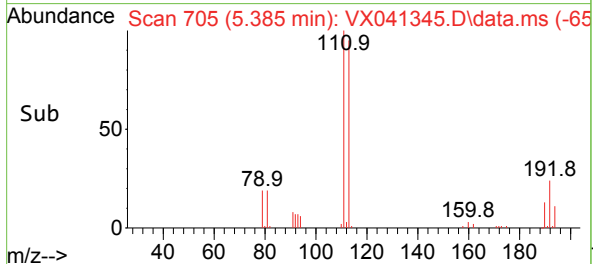


#35
Dibromofluoromethane
Concen: 40.088 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

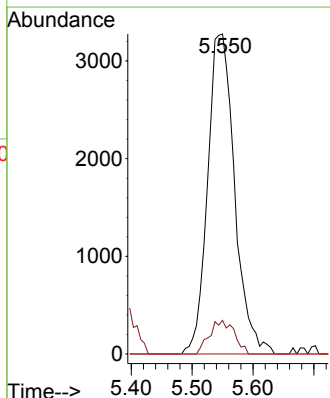
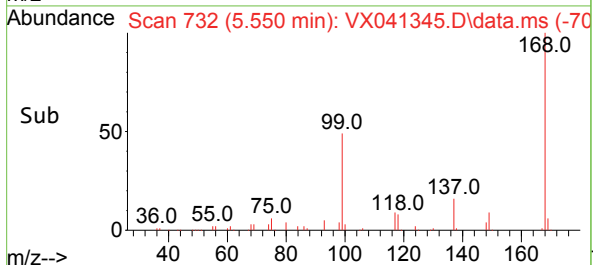
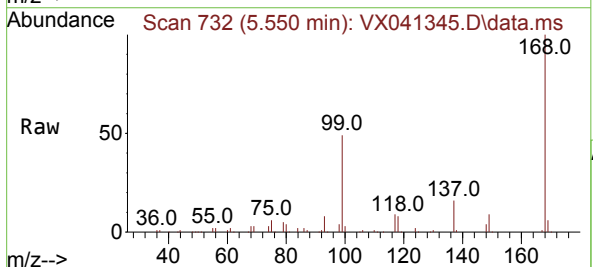


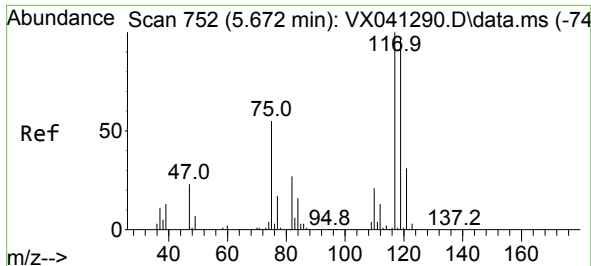
Tgt Ion:113 Resp: 68711
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

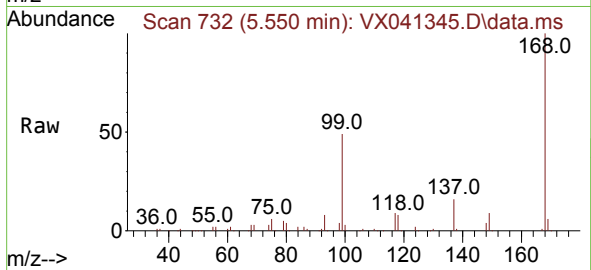
Tgt Ion: 75 Resp: 10099
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



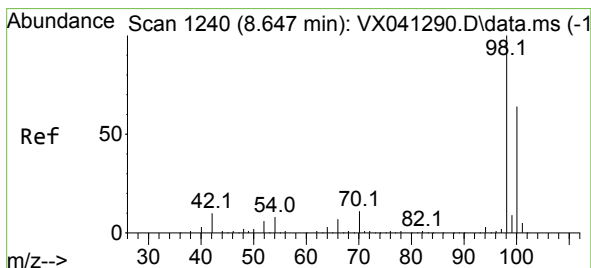
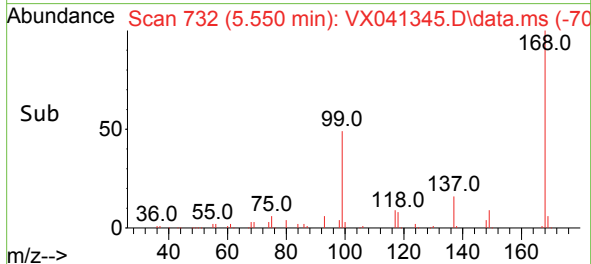
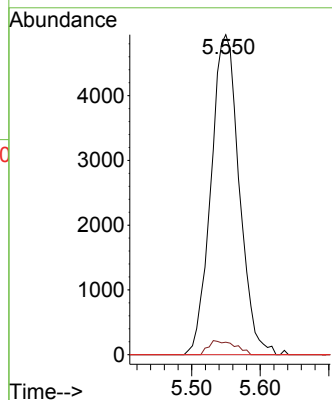


#38
Carbon Tetrachloride
Concen: 6.019 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Instrument :
MSVOA_X
ClientSampleId :

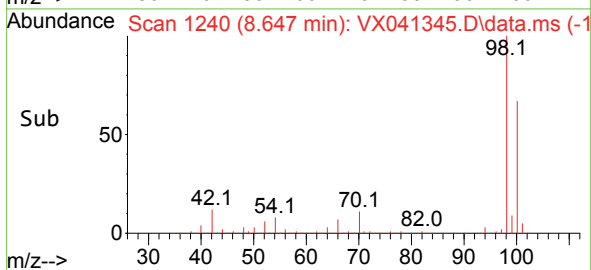
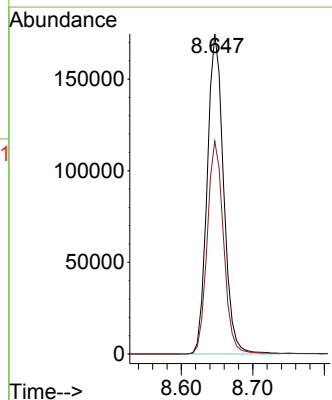
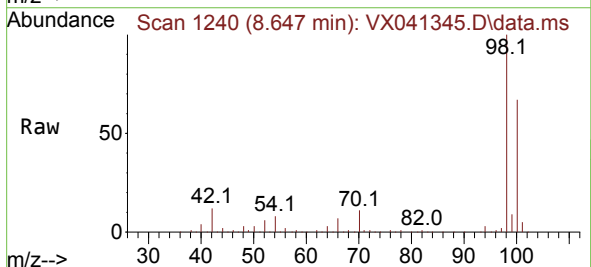


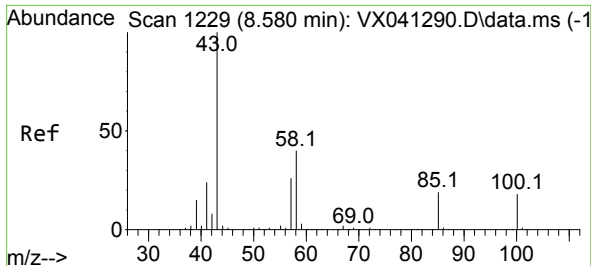
Tgt Ion:117 Resp: 14131
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.193 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Tgt Ion: 98 Resp: 277718
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

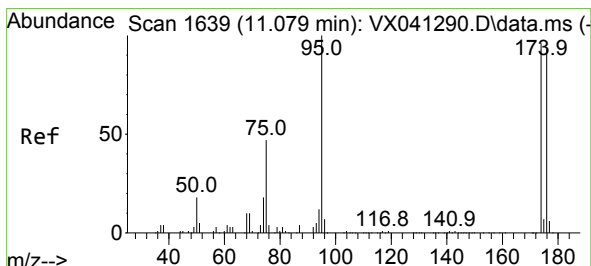
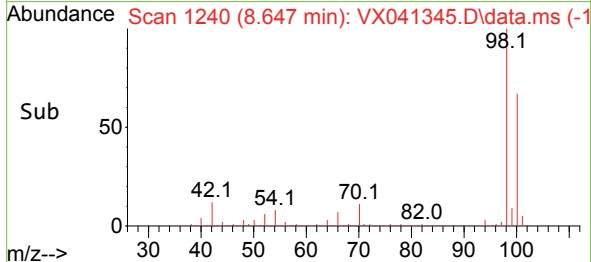
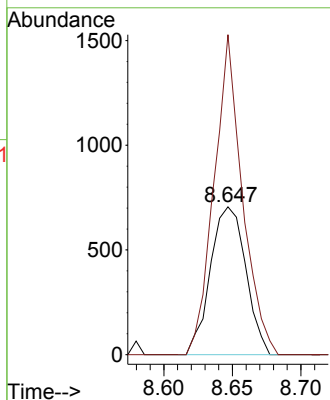
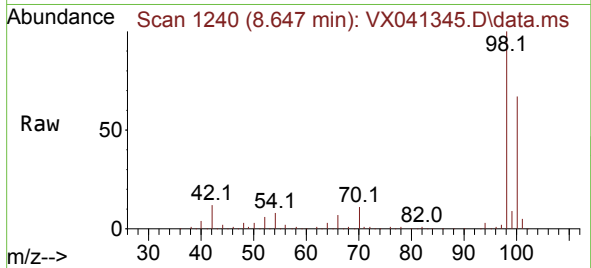




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

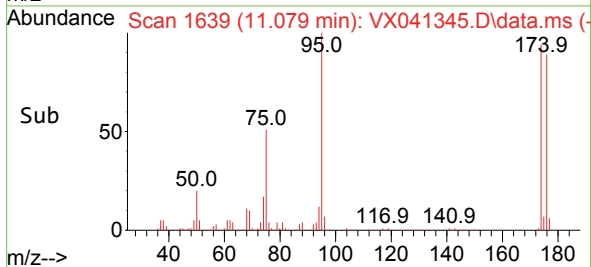
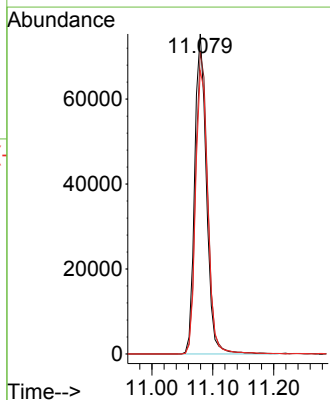
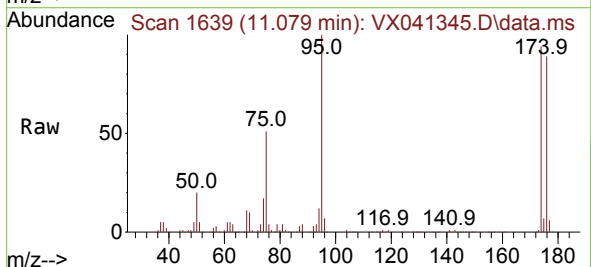
Instrument :
MSVOA_X
ClientSampleId :

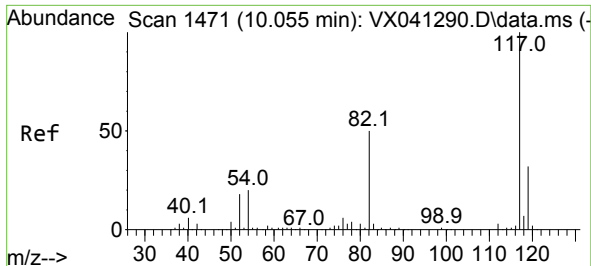
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 173.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Tgt Ion: 95 Resp: 100755
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 92.9 0.0 131.0

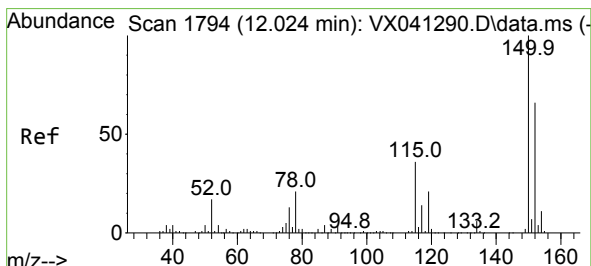
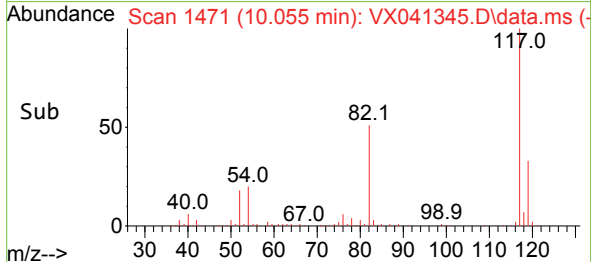
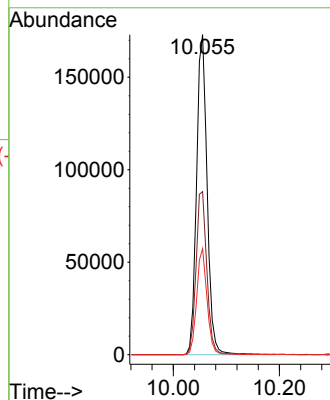
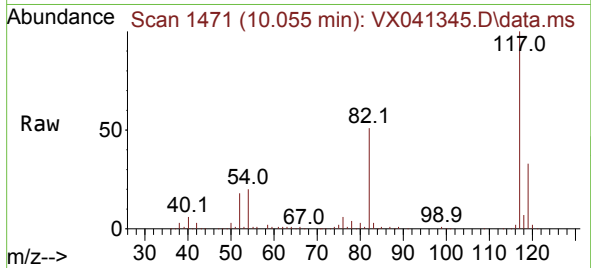




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

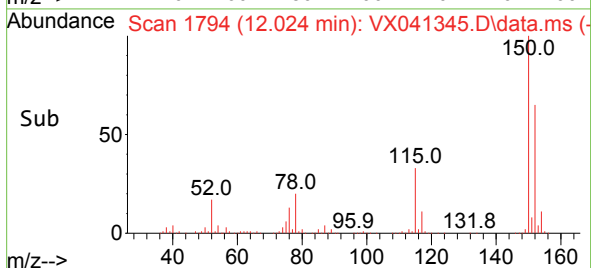
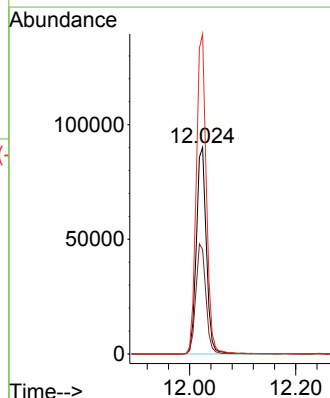
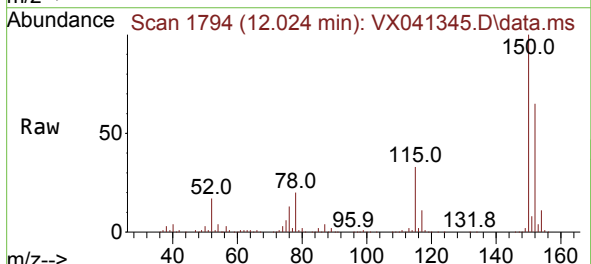
Instrument :
MSVOA_X
ClientSampleId :

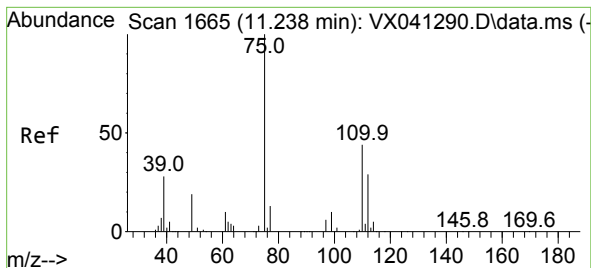
Tgt Ion:117 Resp: 239774
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041345.D
Acq: 02 May 2024 11:55

Tgt Ion:152 Resp: 117910
Ion Ratio Lower Upper
152 100
115 53.5 43.3 129.9
150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.553 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041345.D

Acq: 02 May 2024 11:55

Instrument :

MSVOA_X

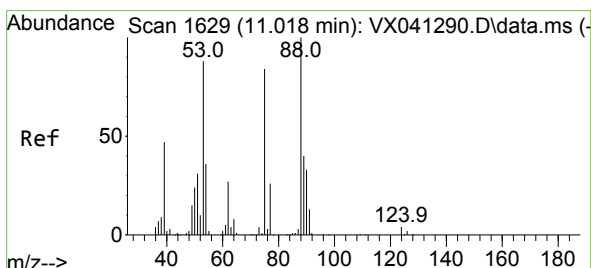
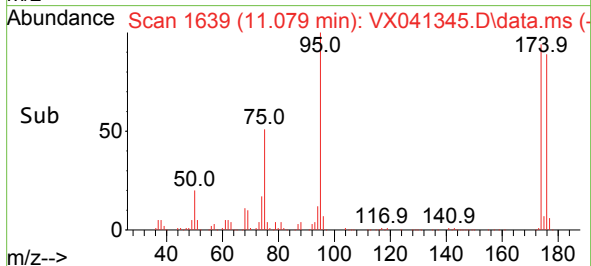
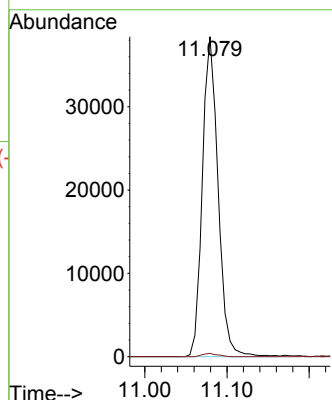
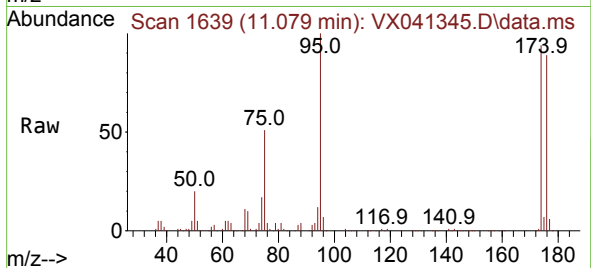
ClientSampleId :

Tgt Ion: 75 Resp: 51024

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.328 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041345.D

Acq: 02 May 2024 11:55

Tgt Ion: 75 Resp: 51024

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

