

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040004.D
 Acq On : 29 Jan 2024 18:15
 Operator : JC/MD
 Sample : P1279-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1255

Quant Time: Jan 30 02:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

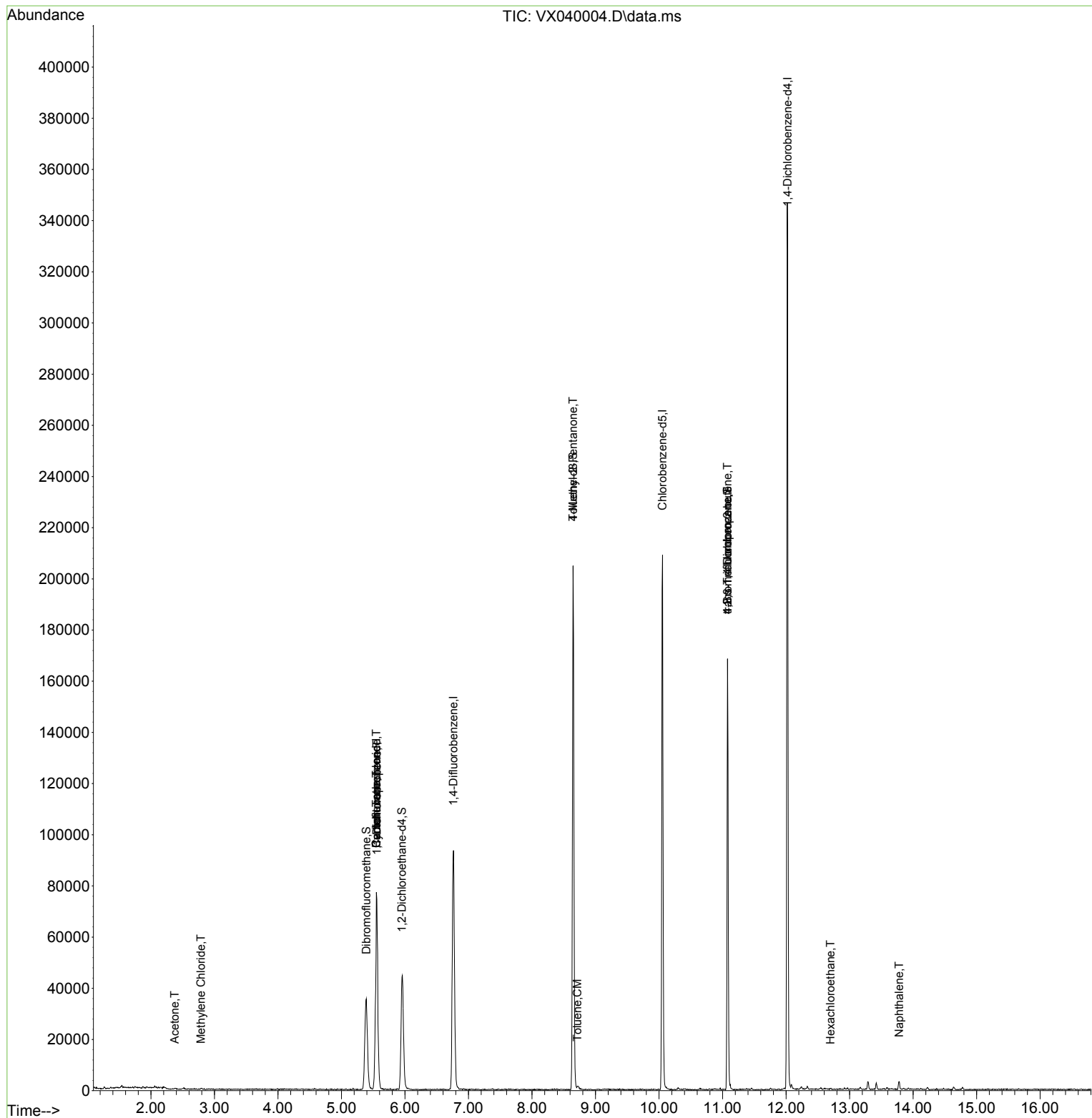
Internal Standards						
1) Pentafluorobenzene	5.550	168	54979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42318	45.949	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.900%
35) Dibromofluoromethane	5.391	113	30128	50.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	8.647	98	110113	48.690	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	40666	45.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%
Target Compounds						
					Qvalue	
13) Acrolein	2.221	56	46	Below Cal		84
16) Acetone	2.374	43	396	0.765 ug/l	#	47
20) Methylene Chloride	2.788	84	197	0.251 ug/l	#	76
31) Cyclohexane	5.550	56	1976	1.626 ug/l	#	54
36) 1,1-Dichloropropene	5.556	75	5663	6.067 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	6339	7.415 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.647	43	673	0.535 ug/l	#	1
52) Toluene	8.714	92	444	0.281 ug/l		90
76) 1,2,3-Trichloropropane	11.079	75	24620	14.498 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	24620	43.894 ug/l	#	5
90) Hexachloroethane	12.701	117	308	0.416 ug/l	#	17
95) Naphthalene	13.780	128	2370	0.479 ug/l		98

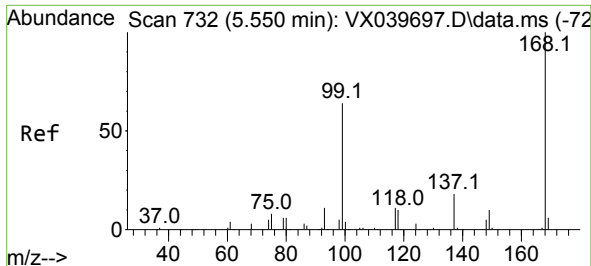
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1255

Quant Time: Jan 30 02:49:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

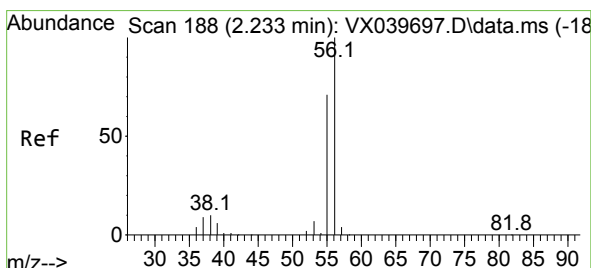
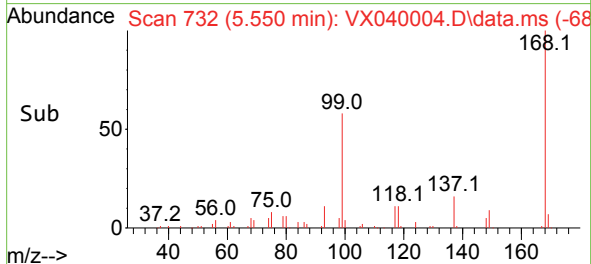
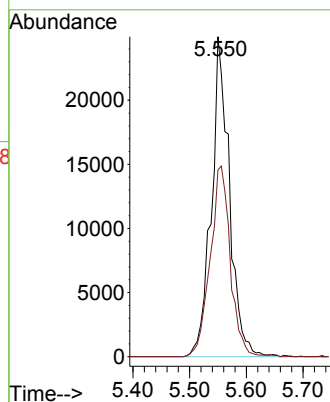
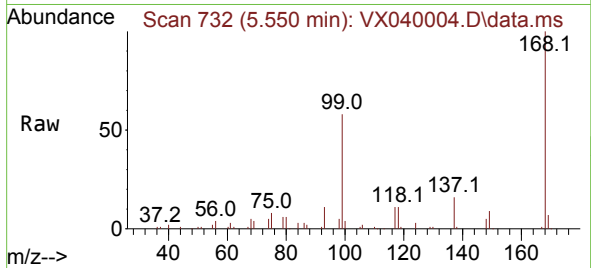




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

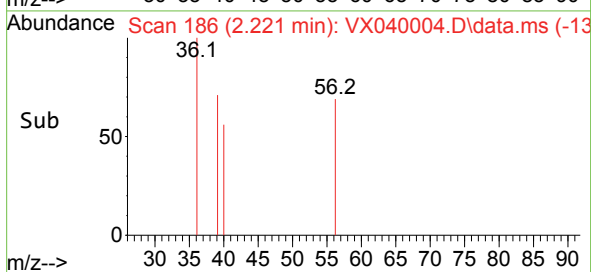
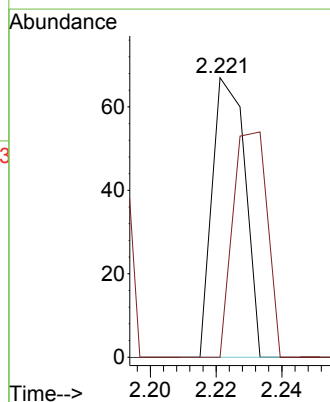
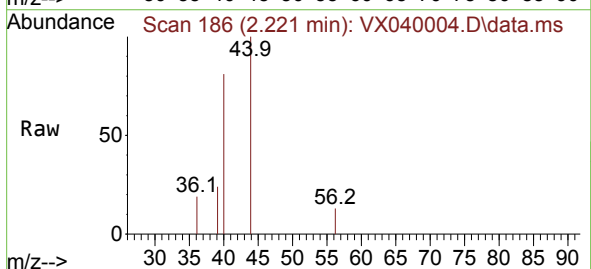
Instrument :
MSVOA_X
ClientSampleId :
1255

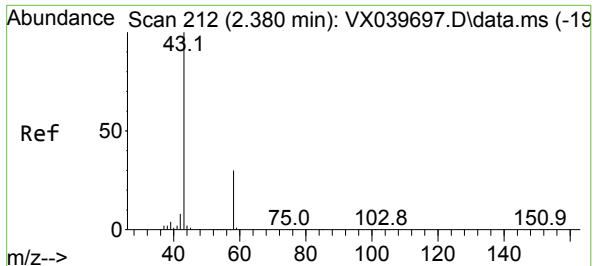
Tgt Ion:168 Resp: 54979
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 84.8 57.1 85.7





#16

Acetone

Concen: 0.765 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040004.D

Acq: 29 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

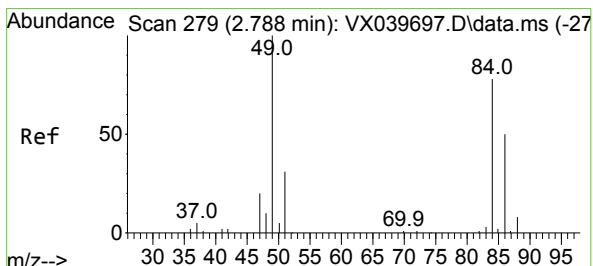
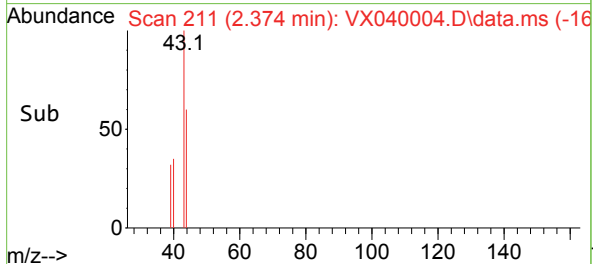
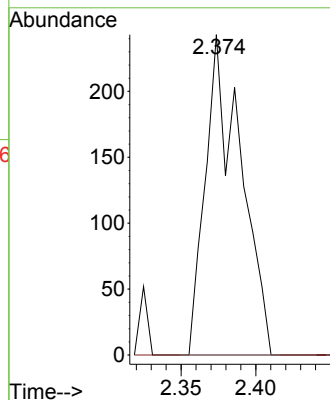
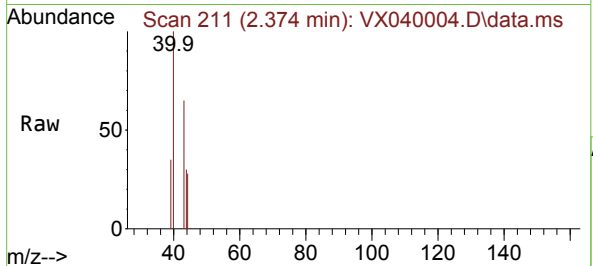
1255

Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040004.D

Acq: 29 Jan 2024 18:15

Tgt Ion: 84 Resp: 197

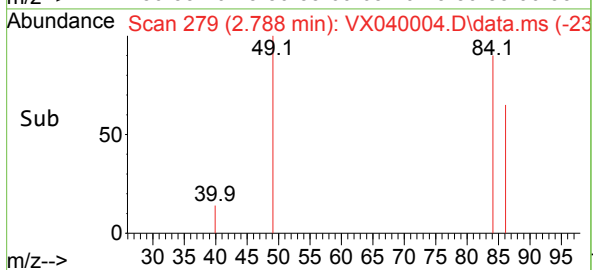
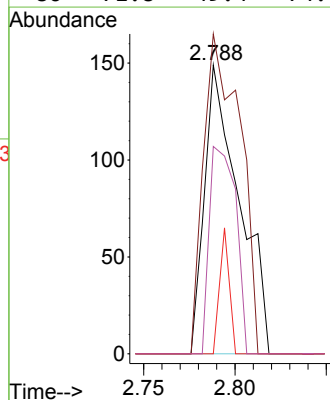
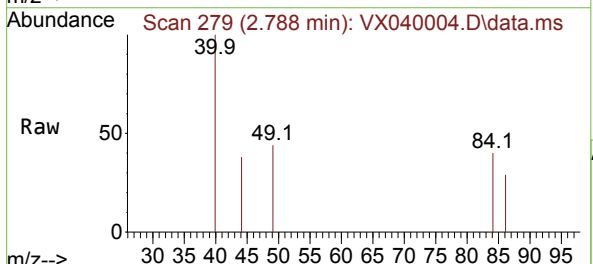
Ion Ratio Lower Upper

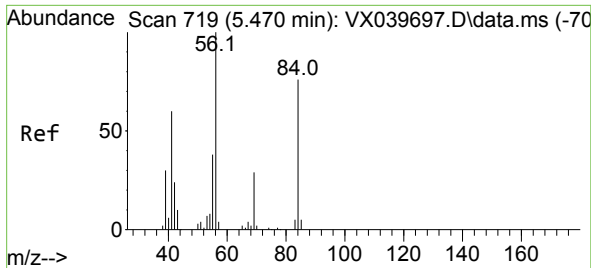
84 100

49 110.7 103.6 155.4

51 0.0 33.8 50.6#

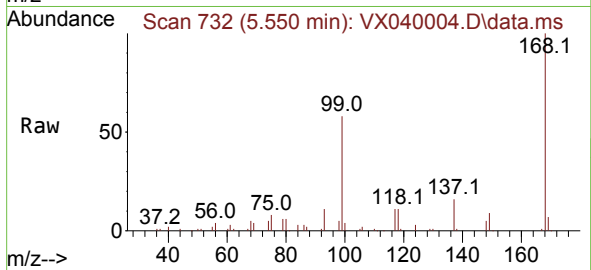
86 71.8 49.4 74.0



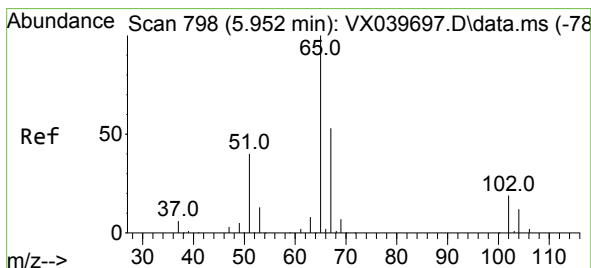
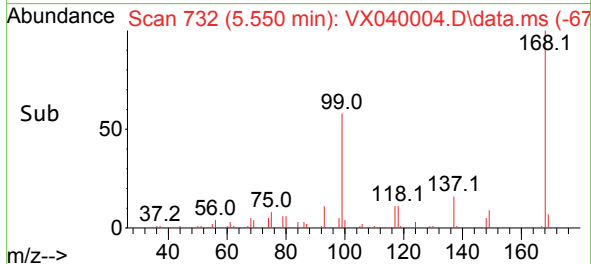
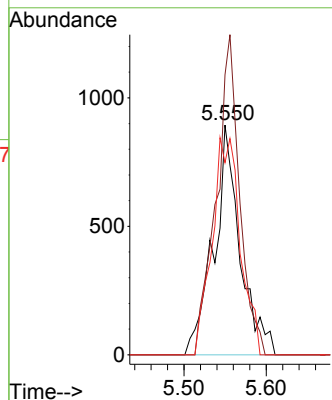


#31
Cyclohexane
Concen: 1.626 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
1255

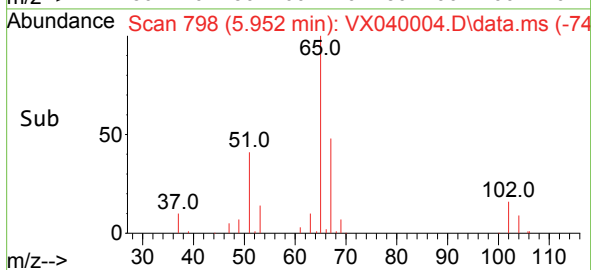
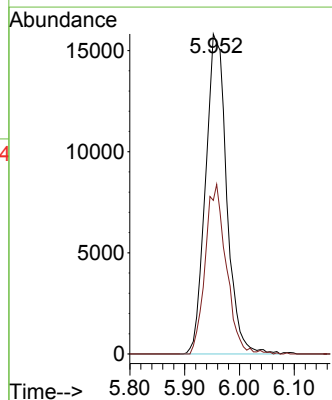
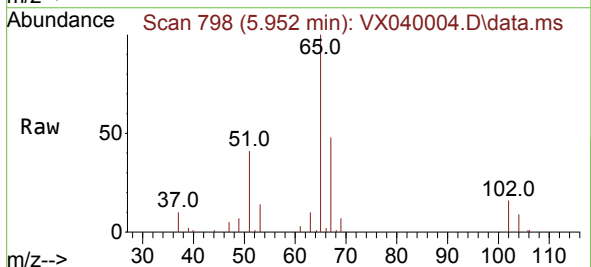


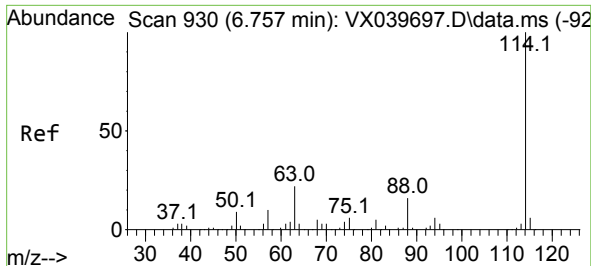
Tgt Ion: 56 Resp: 1976
Ion Ratio Lower Upper
56 100
69 121.9 23.4 35.2#
84 83.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.949 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion: 65 Resp: 42318
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

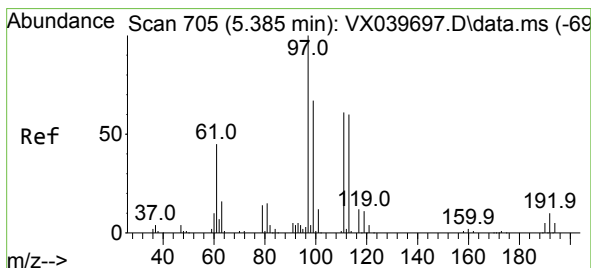
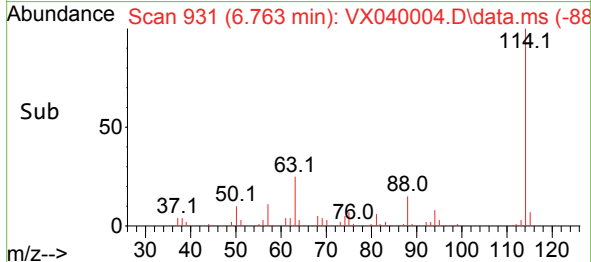
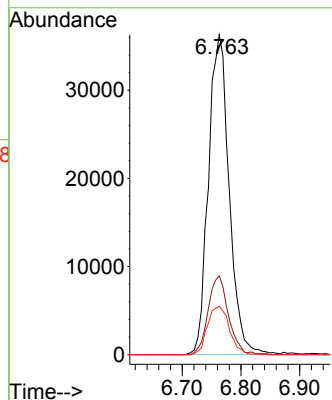
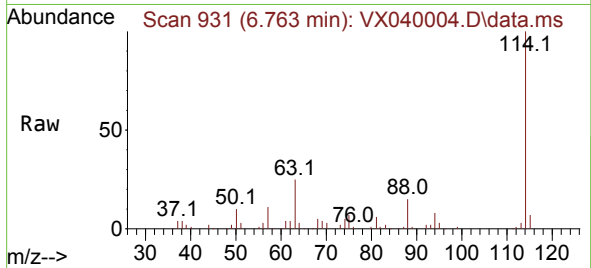




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

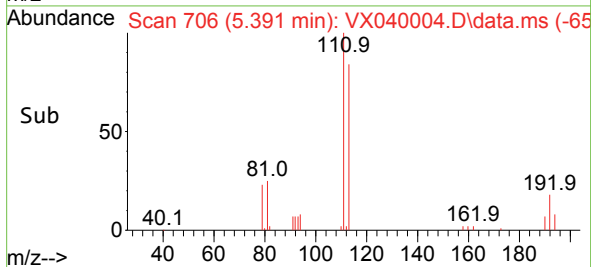
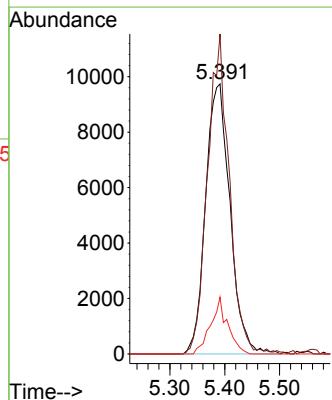
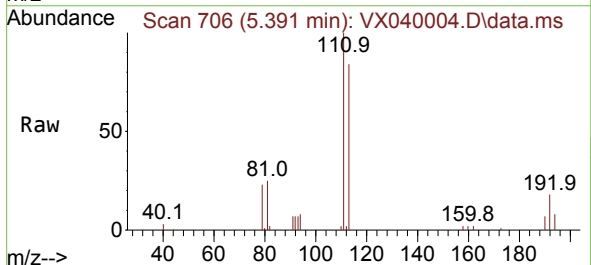
Instrument :
MSVOA_X
ClientSampleId :
1255

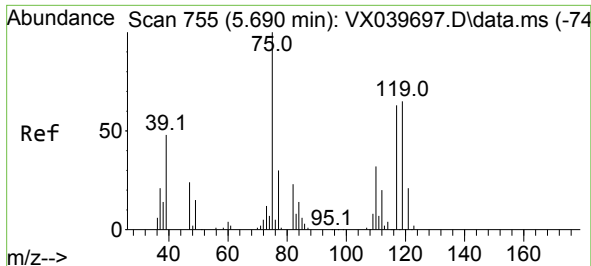
Tgt Ion:114 Resp: 89026
Ion Ratio Lower Upper
114 100
63 24.6 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion:113 Resp: 30128
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 14.7 13.3 19.9

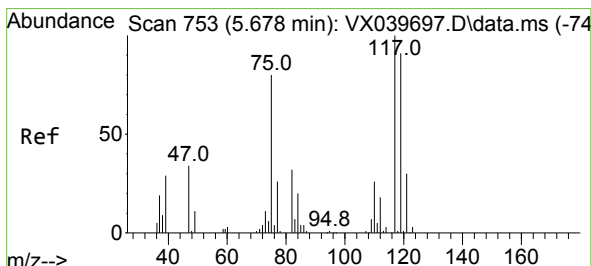
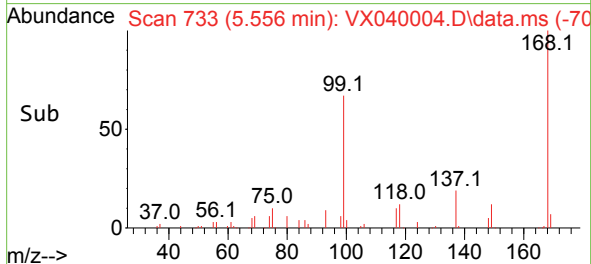
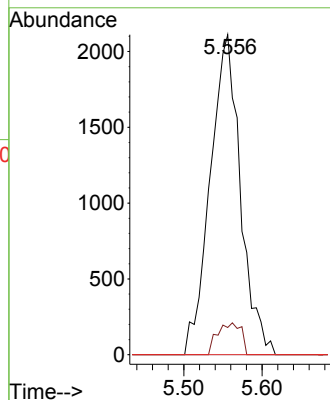
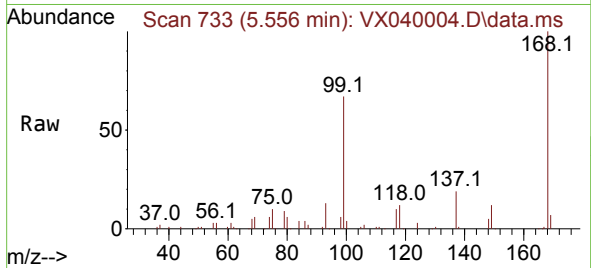




#36
1,1-Dichloropropene
Concen: 6.067 ug/l
RT: 5.556 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

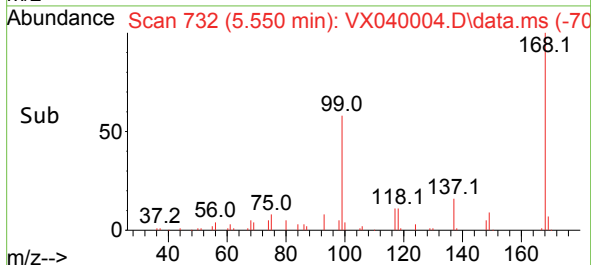
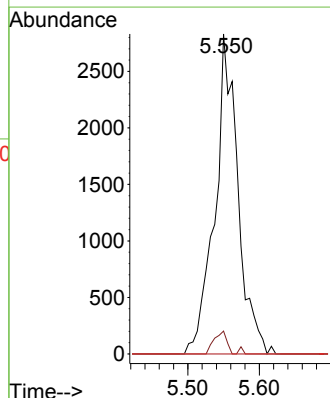
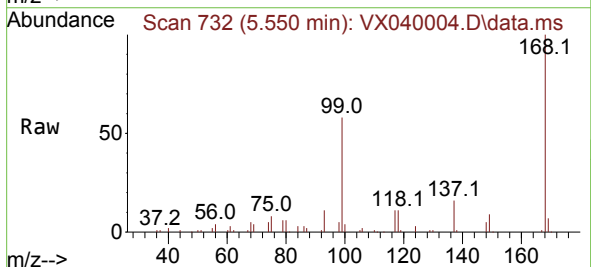
Instrument :
MSVOA_X
ClientSampleId :
1255

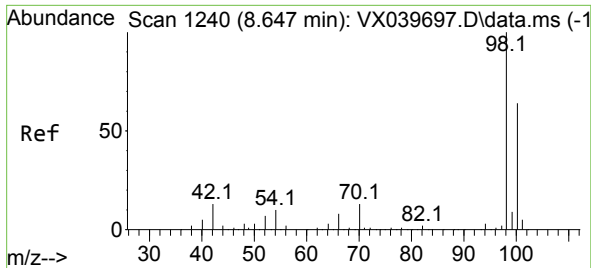
Tgt Ion: 75 Resp: 5663
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.415 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion: 117 Resp: 6339
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#

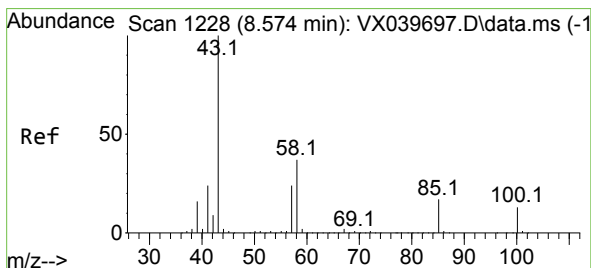
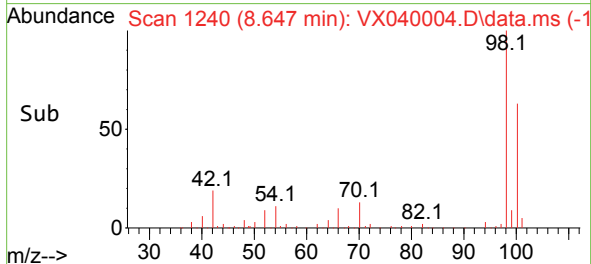
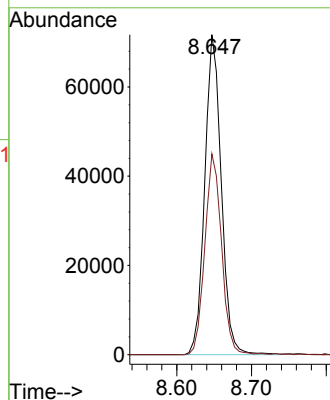
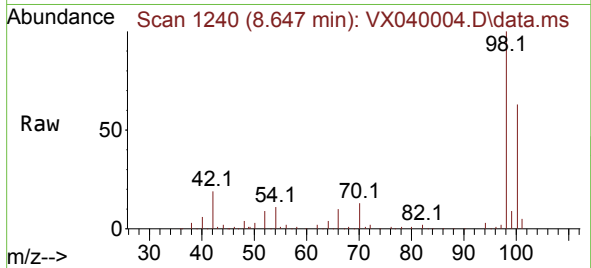




#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

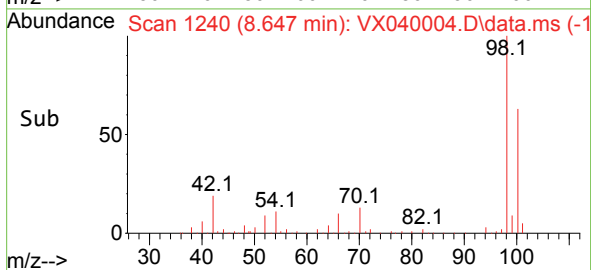
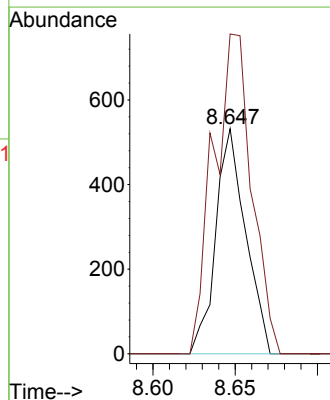
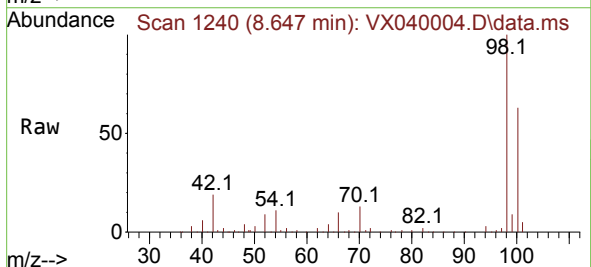
Instrument :
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ClientSampleId :
1255

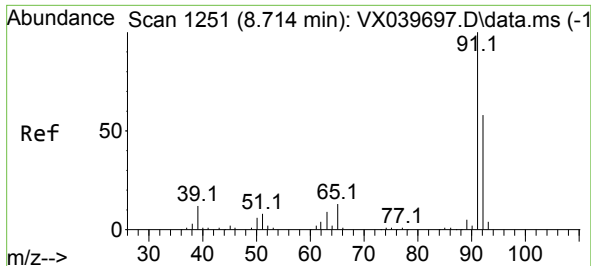
Tgt Ion: 98 Resp: 110113
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 182.0 30.4 45.6#

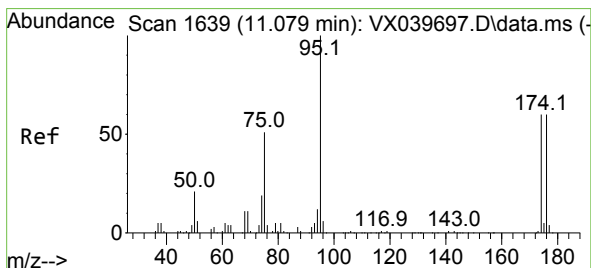
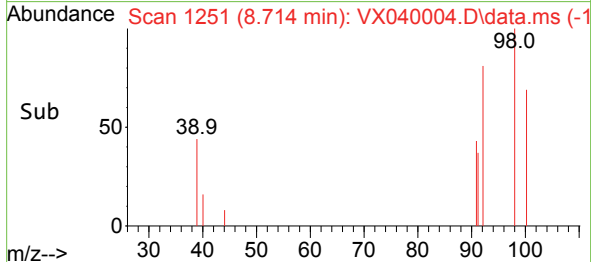
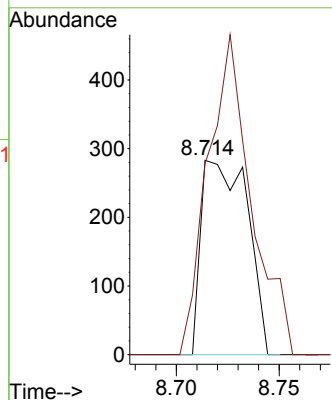
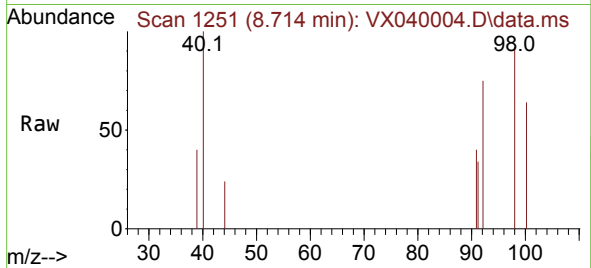




#52
Toluene
Concen: 0.281 ug/l
RT: 8.714 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

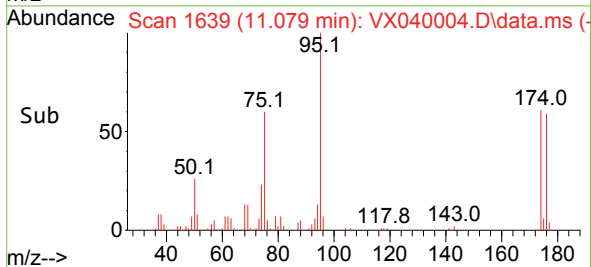
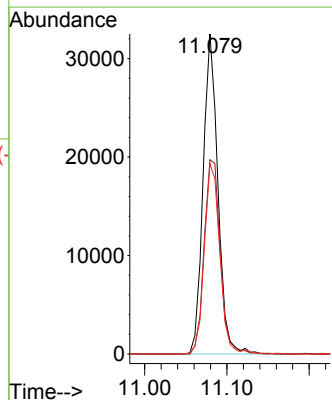
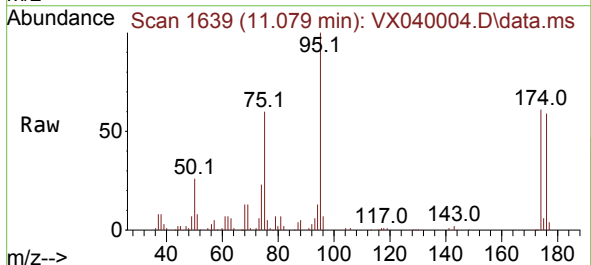
Instrument :
MSVOA_X
ClientSampleId :
1255

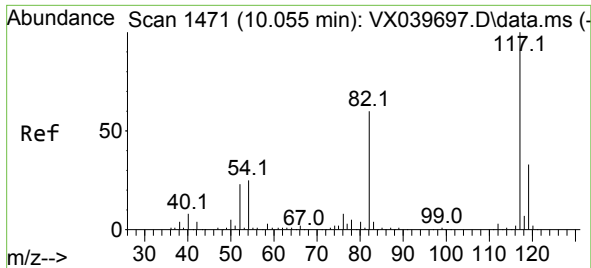
Tgt Ion: 92 Resp: 444
Ion Ratio Lower Upper
92 100
91 154.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion: 95 Resp: 40666
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.6
176 62.2 0.0 131.0

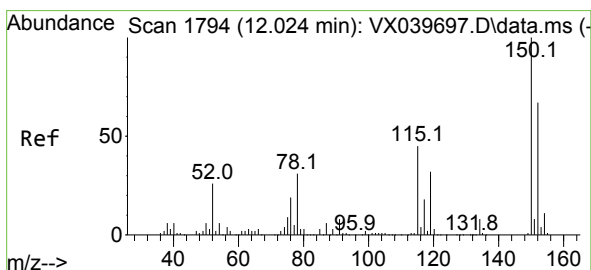
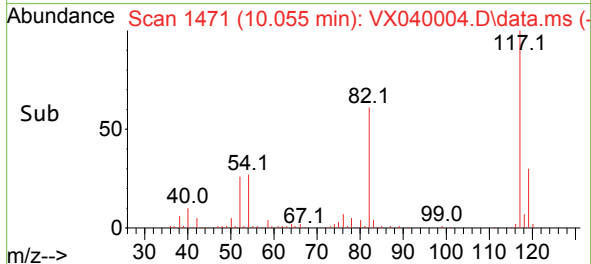
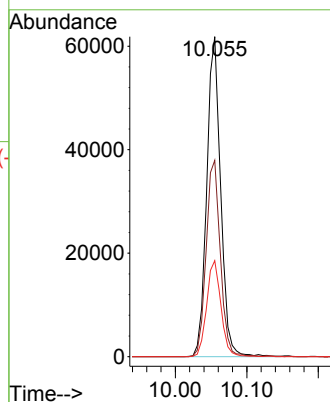
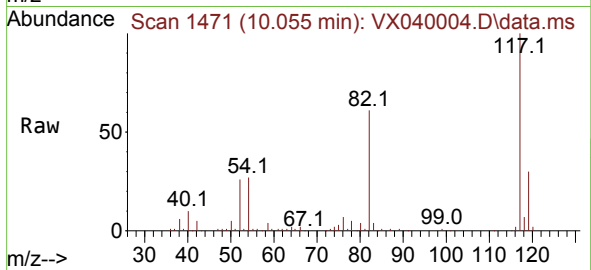




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

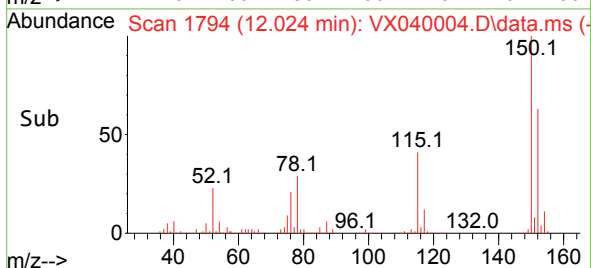
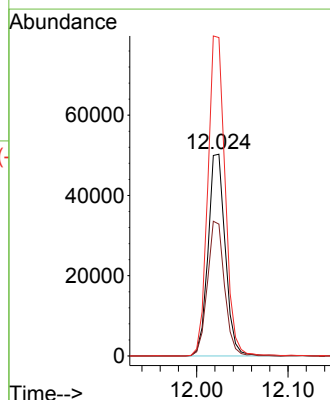
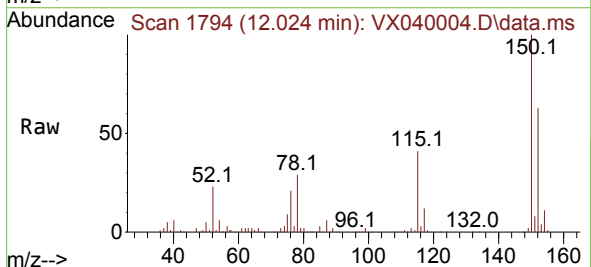
Instrument :
MSVOA_X
ClientSampleId :
1255

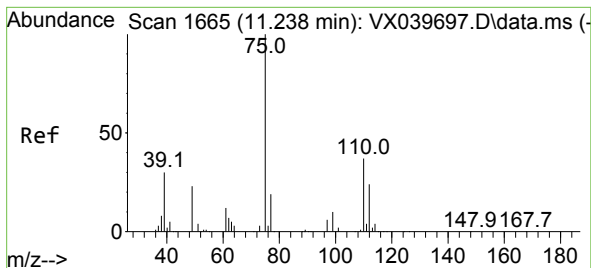
Tgt Ion:117 Resp: 83502
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 30.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion:152 Resp: 65499
Ion Ratio Lower Upper
152 100
115 66.5 43.3 129.9
150 159.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 14.498 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040004.D

Acq: 29 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

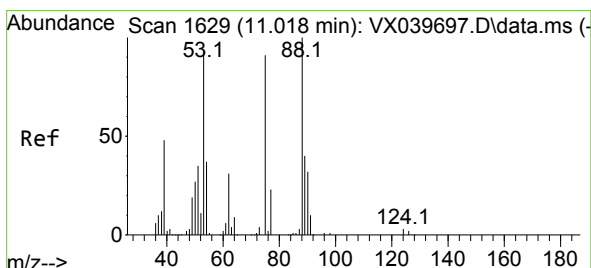
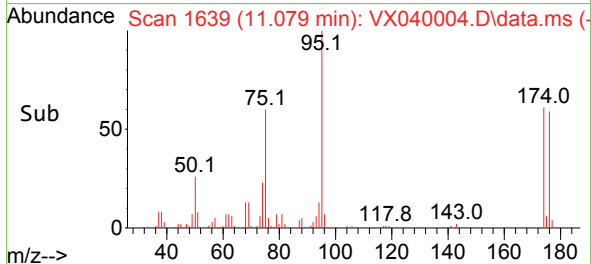
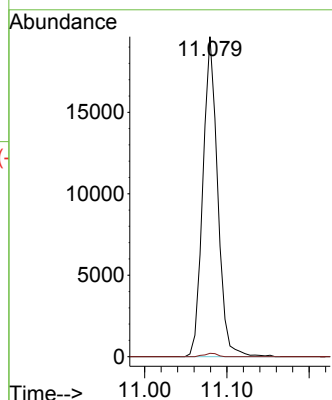
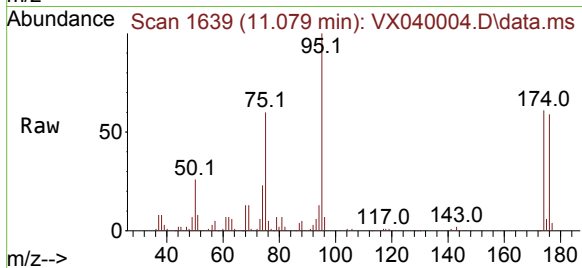
1255

Tgt Ion: 75 Resp: 24620

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 43.894 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040004.D

Acq: 29 Jan 2024 18:15

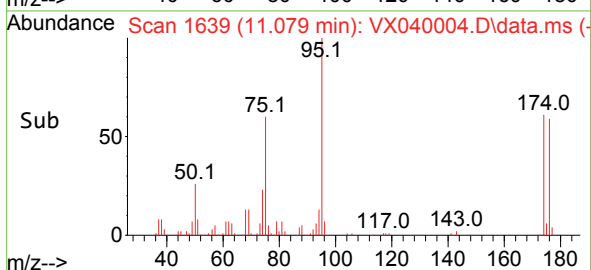
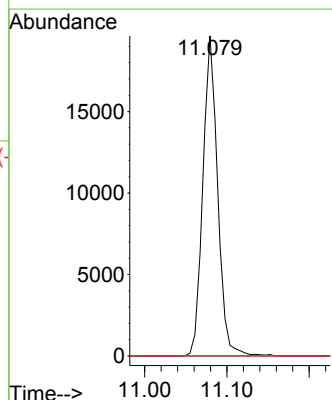
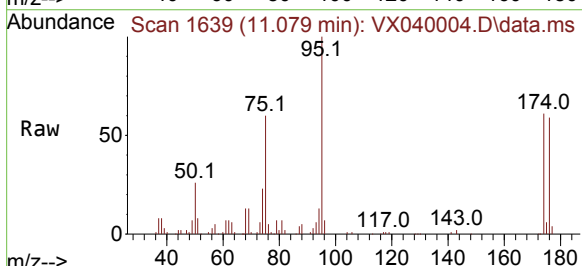
Tgt Ion: 75 Resp: 24620

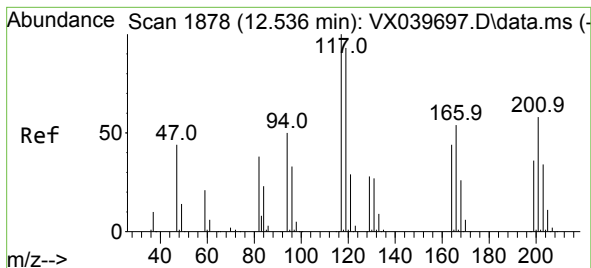
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

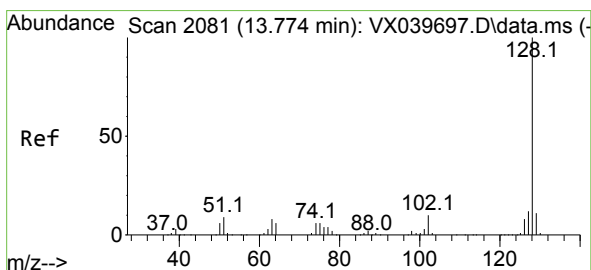
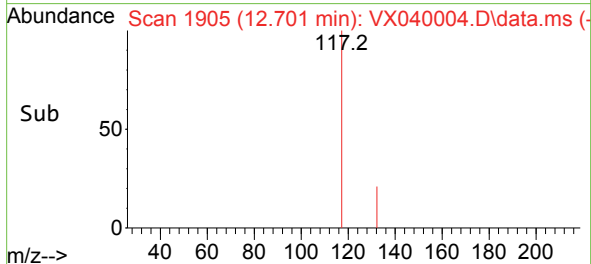
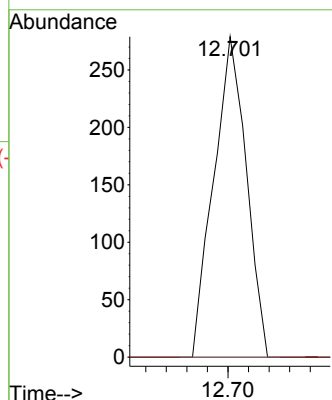
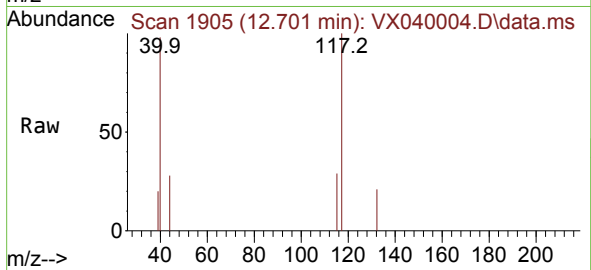




#90
Hexachloroethane
Concen: 0.416 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
1255

Tgt Ion:117 Resp: 308
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 0.479 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040004.D
Acq: 29 Jan 2024 18:15

Tgt Ion:128 Resp: 2370
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.3 8.8 13.2

