

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040047.D
 Acq On : 31 Jan 2024 14:43
 Operator : JC/MD
 Sample : P1282-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1241

Quant Time: Feb 01 04:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

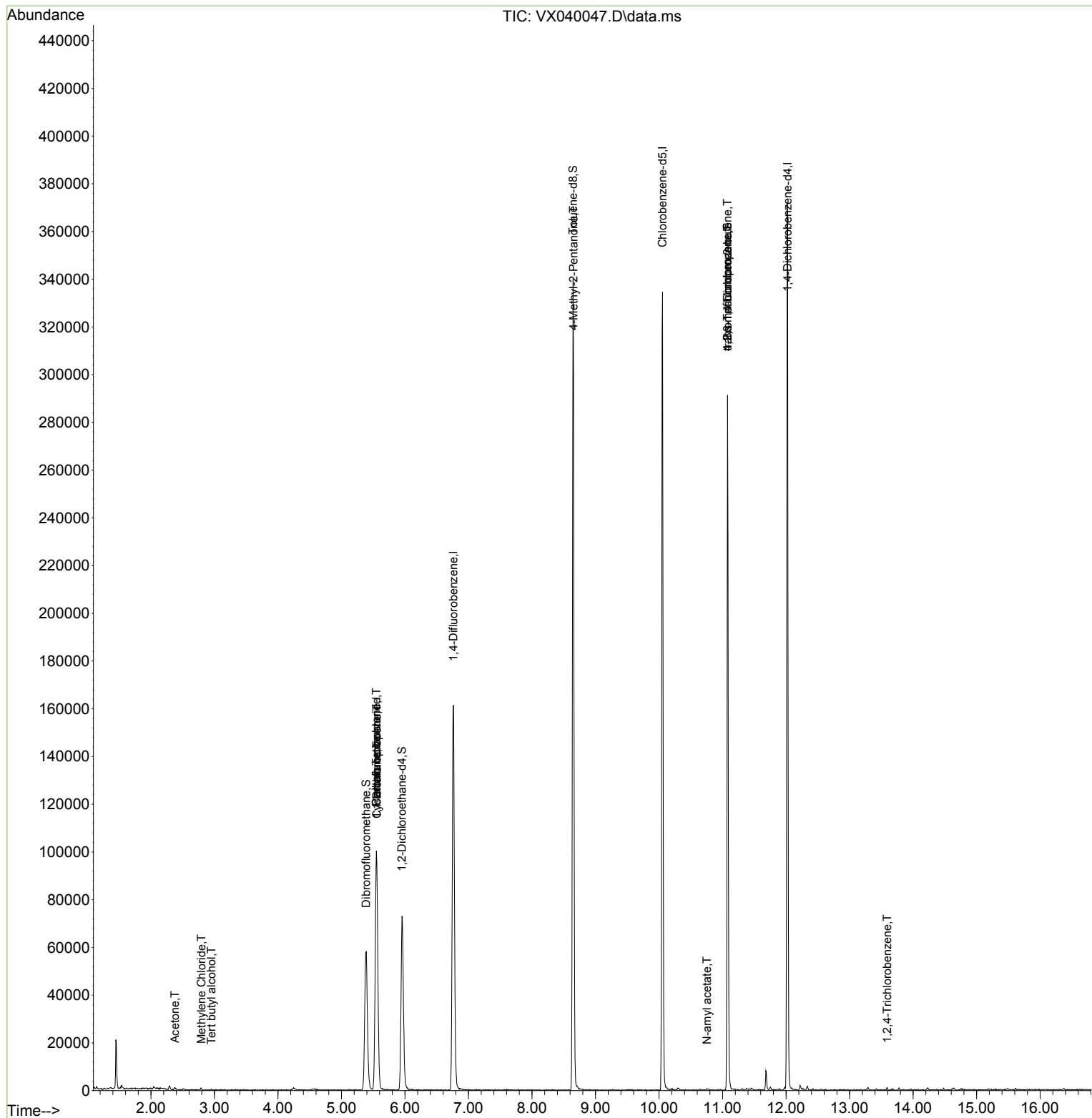
Internal Standards						
1) Pentafluorobenzene	5.550	168	89450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66420	46.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	51248	47.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	8.647	98	199285	48.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	74696	47.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	123	0.471	ug/l #	78
16) Acetone	2.380	43	998	1.480	ug/l #	72
20) Methylene Chloride	2.794	84	304	0.254	ug/l #	62
31) Cyclohexane	5.556	56	2343	1.299	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	7941	5.041	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9786	6.492	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1062	0.573	ug/l #	1
74) N-amyl acetate	10.756	43	132	0.251	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41297	25.393	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41297	74.893	ug/l #	5
90) Hexachloroethane	12.689	117	24	Below Cal	#	17
93) 1,2,4-Trichlorobenzene	13.591	180	314	0.204	ug/l #	69

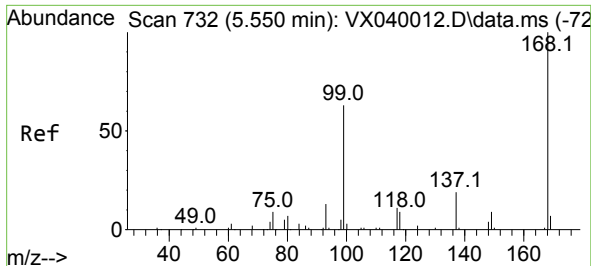
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
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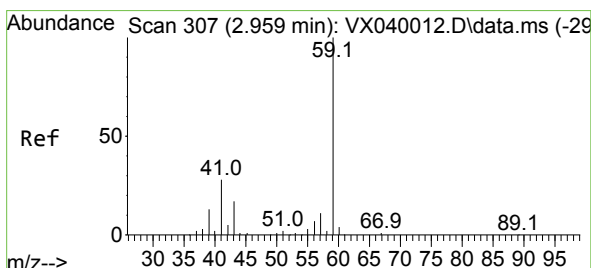
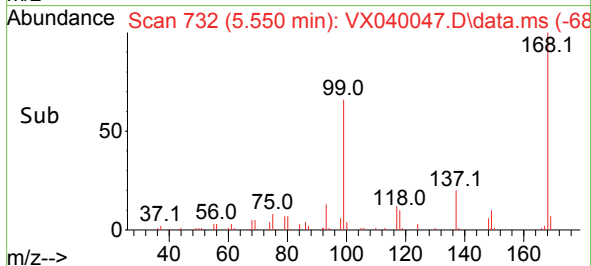
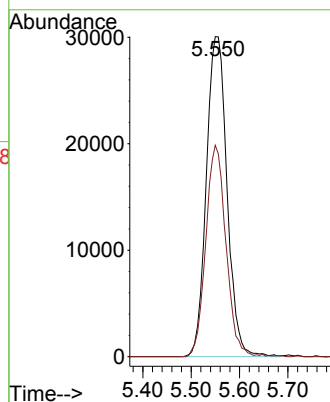
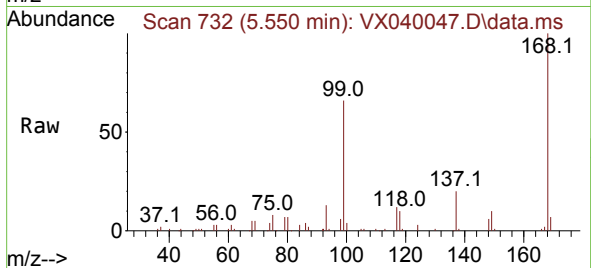




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

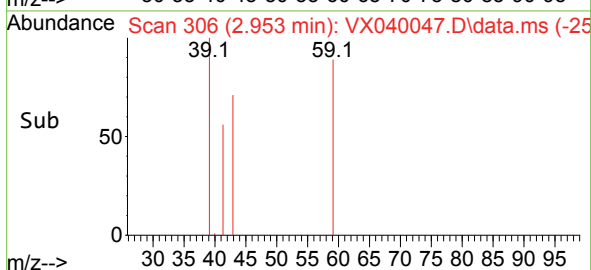
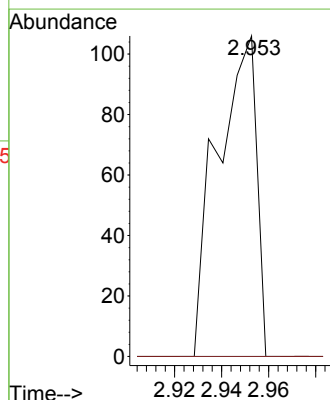
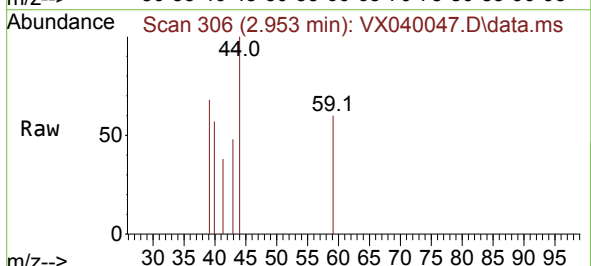
Instrument :
MSVOA_X
ClientSampleId :
1241

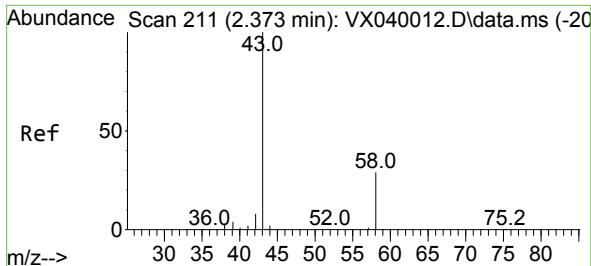
Tgt Ion:168 Resp: 89450
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.471 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

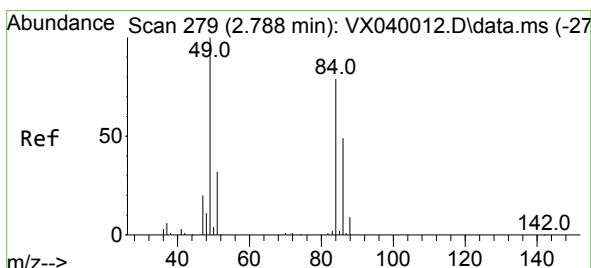
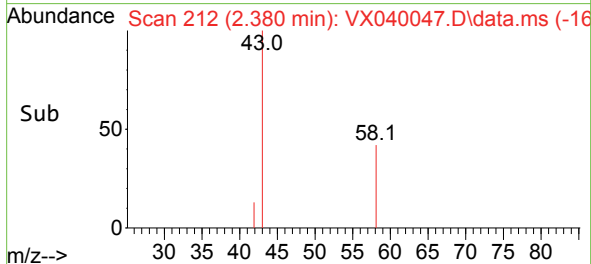
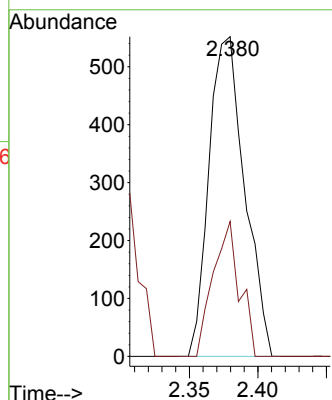
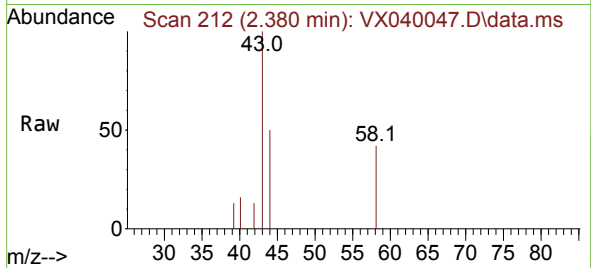




#16
Acetone
Concen: 1.480 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

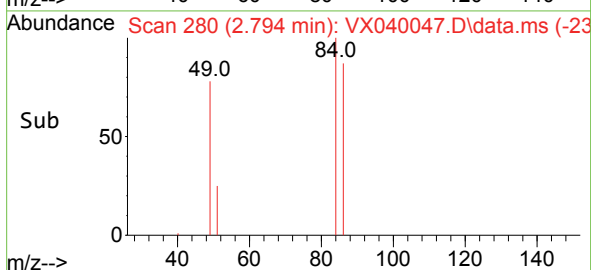
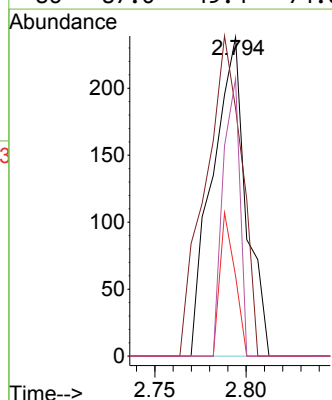
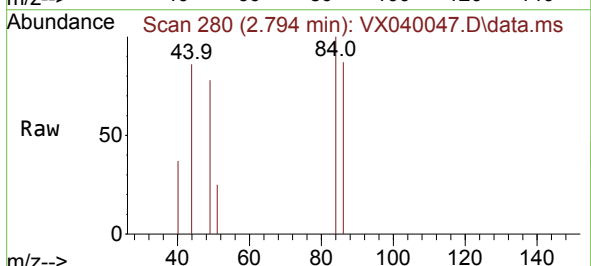
Instrument :
MSVOA_X
ClientSampleId :
1241

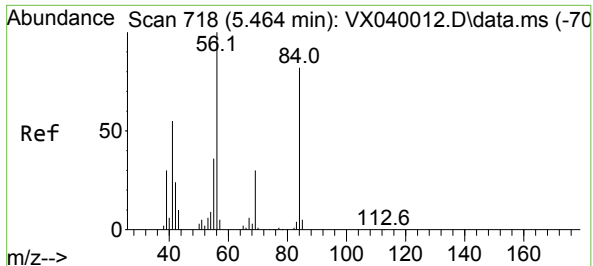
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 42.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion: 84 Resp: 304
Ion Ratio Lower Upper
84 100
49 77.7 103.6 155.4#
51 25.2 33.8 50.6#
86 87.0 49.4 74.0#

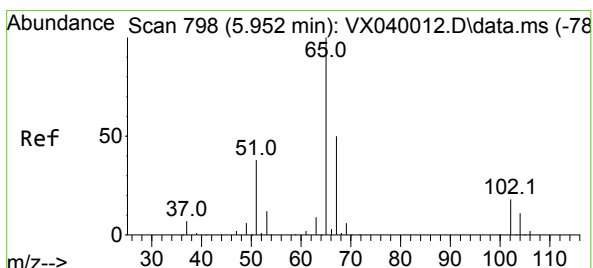
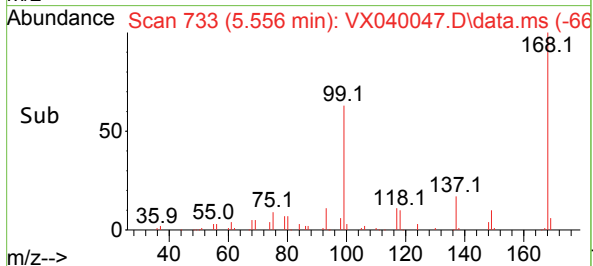
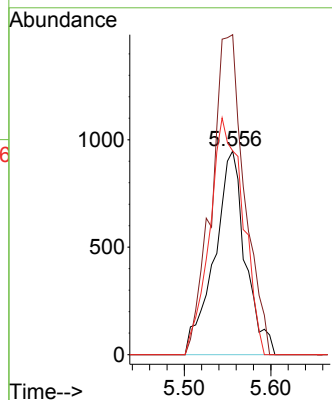
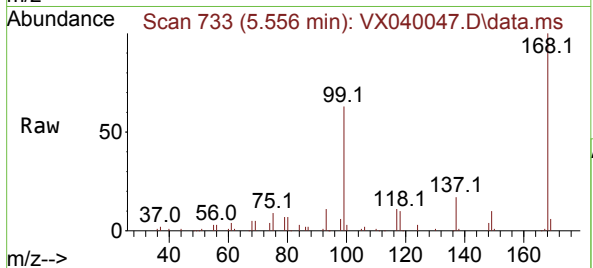




#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

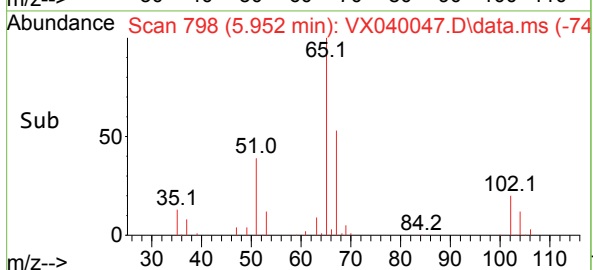
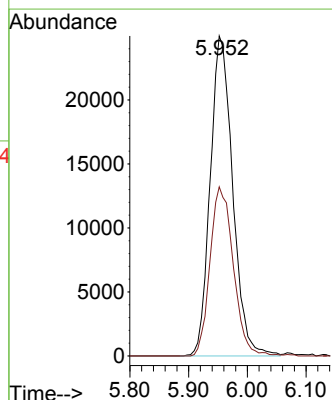
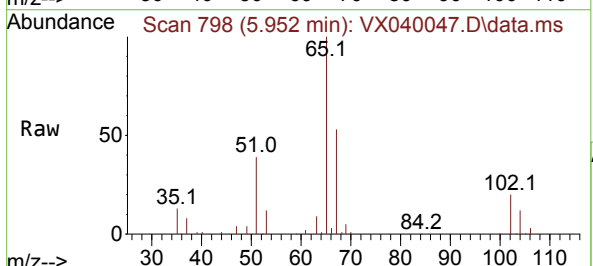
Instrument :
MSVOA_X
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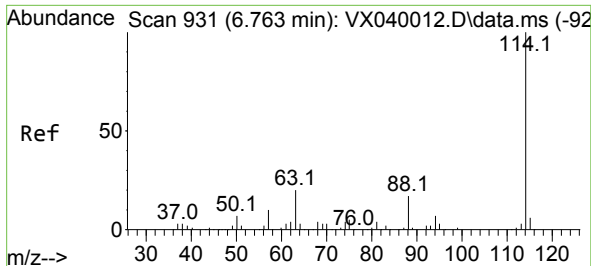
Tgt Ion: 56 Resp: 2343
Ion Ratio Lower Upper
56 100
69 157.1 23.4 35.2#
84 100.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.138 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion: 65 Resp: 66420
Ion Ratio Lower Upper
65 100
67 54.7 0.0 100.2

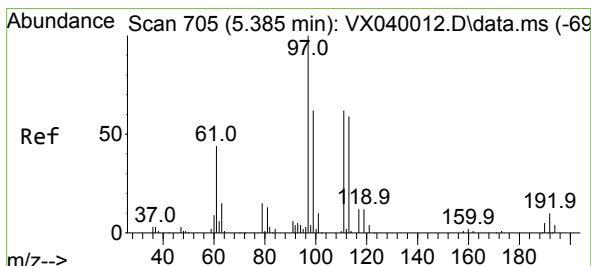
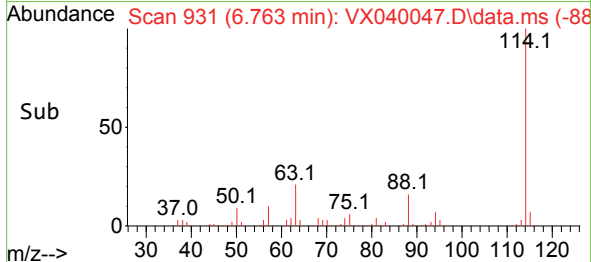
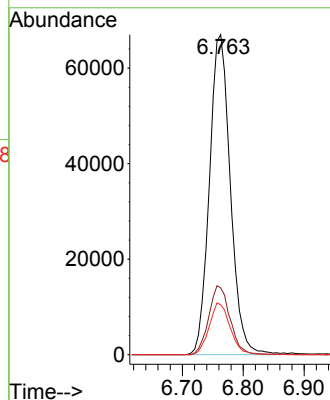
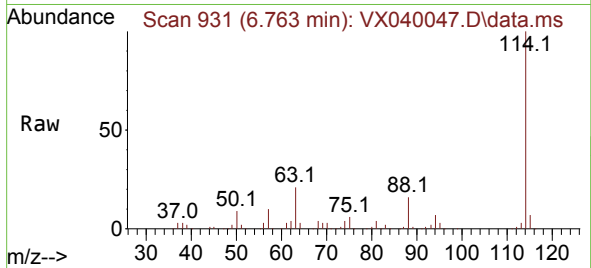




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

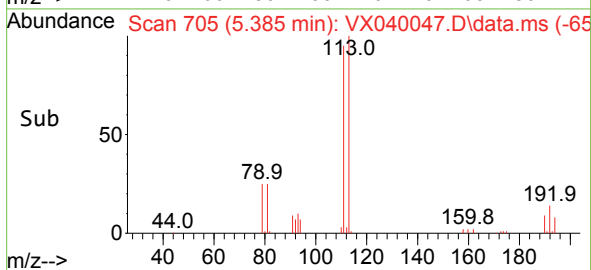
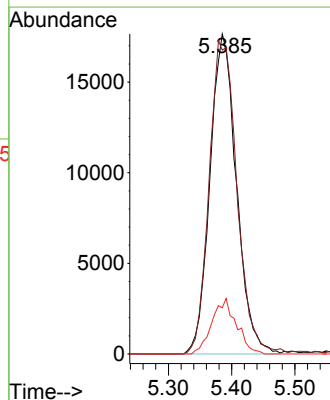
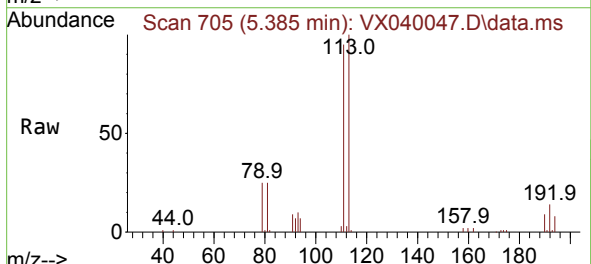
Instrument :
MSVOA_X
ClientSampleId :
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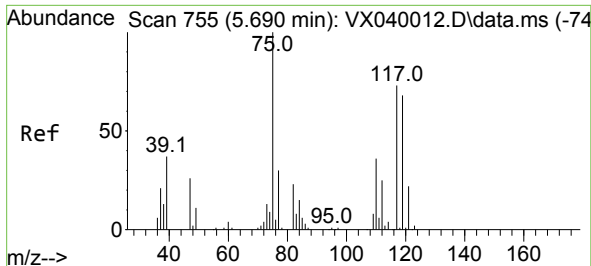
Tgt Ion:114 Resp: 160009
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion:113 Resp: 51248
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.1 13.3 19.9

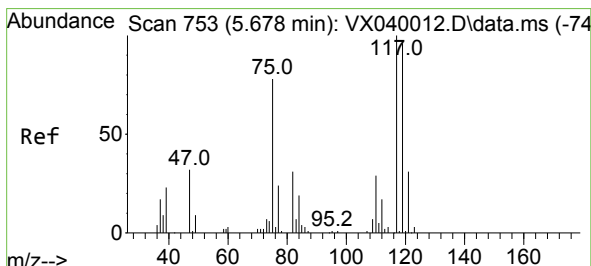
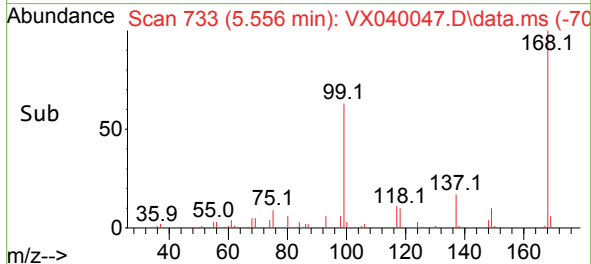
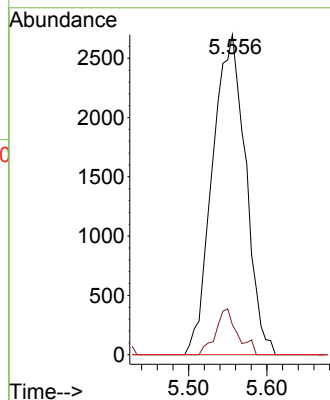
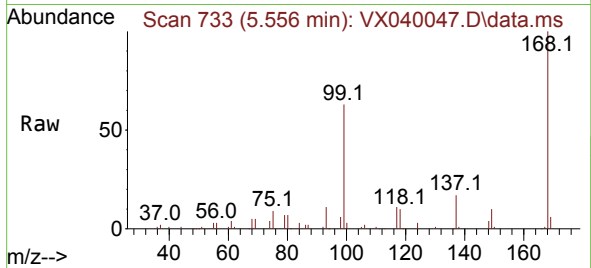




#36
 1,1-Dichloropropene
 Concen: 5.041 ug/l
 RT: 5.556 min Scan# 714
 Delta R.T. -0.134 min
 Lab File: VX040047.D
 Acq: 31 Jan 2024 14:43

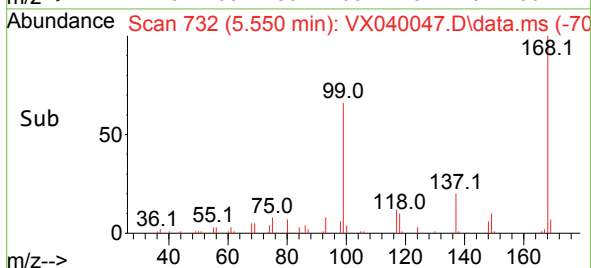
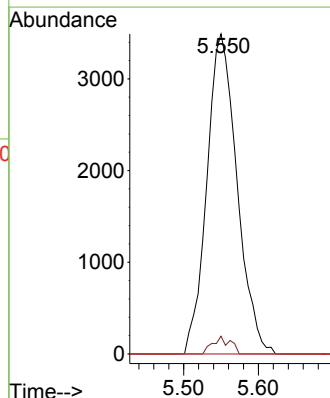
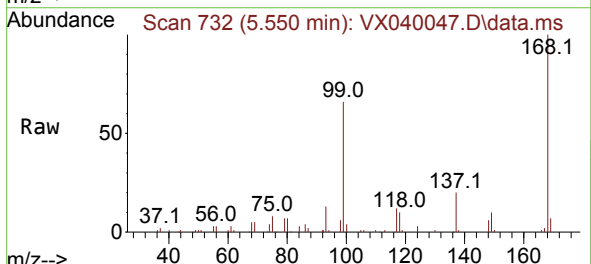
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 ClientSampleId :
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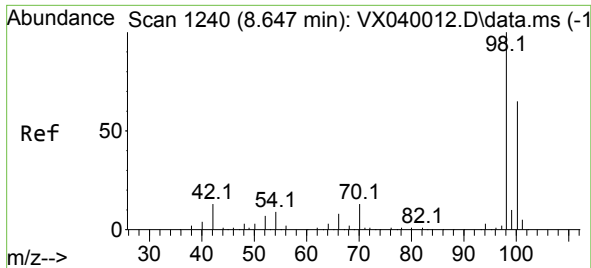
Tgt Ion: 75 Resp: 7941
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.492 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX040047.D
 Acq: 31 Jan 2024 14:43

Tgt Ion: 117 Resp: 9786
 Ion Ratio Lower Upper
 117 100
 119 5.5 78.2 117.2#
 121 0.0 24.4 36.6#

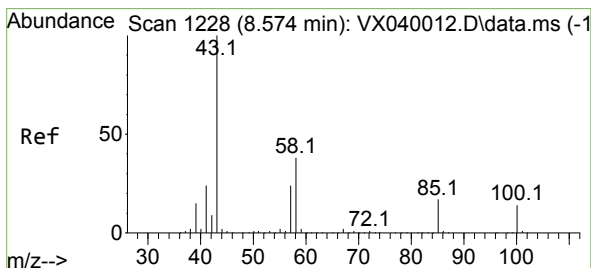
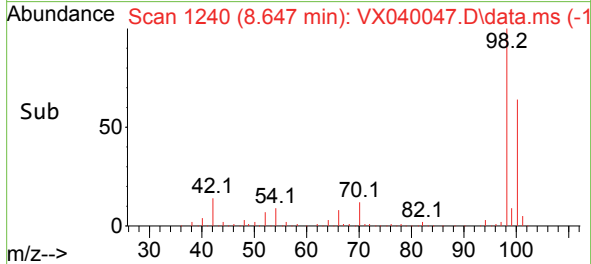
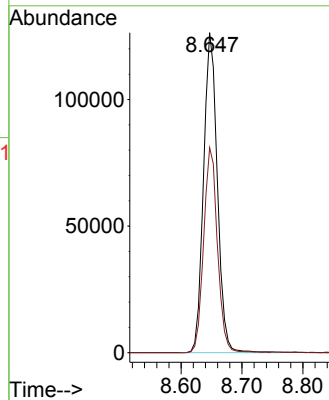
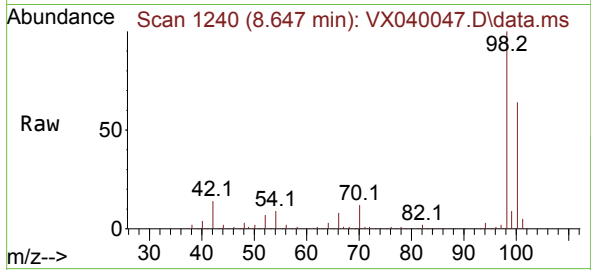




#50
Toluene-d8
Concen: 48.923 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

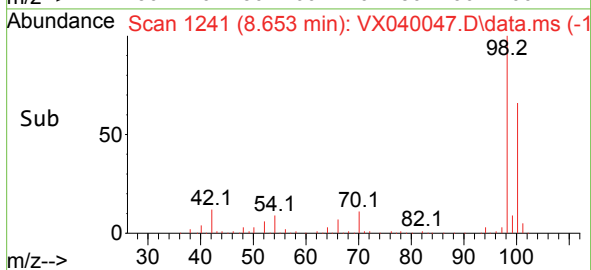
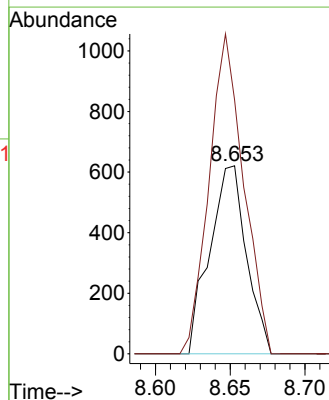
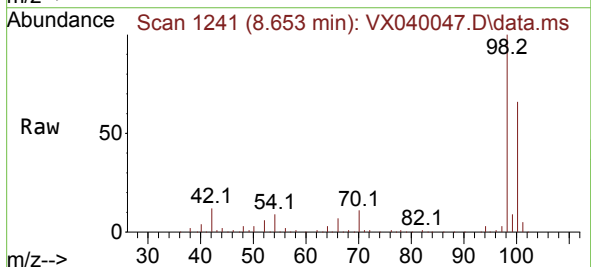
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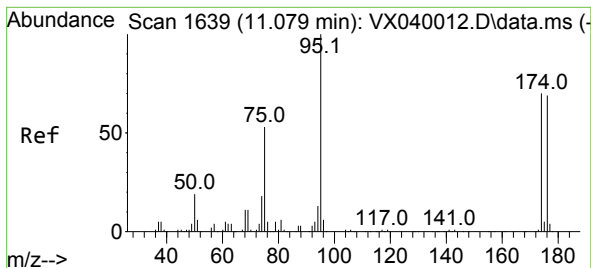
Tgt Ion: 98 Resp: 199285
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 159.8 30.4 45.6#

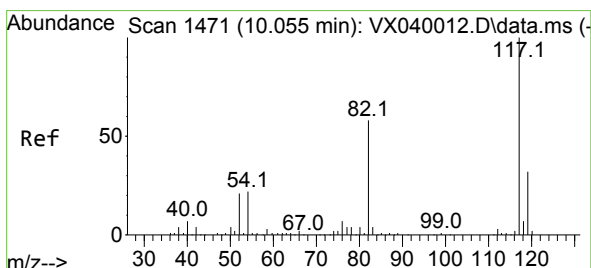
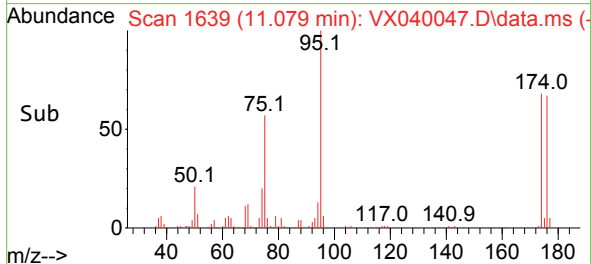
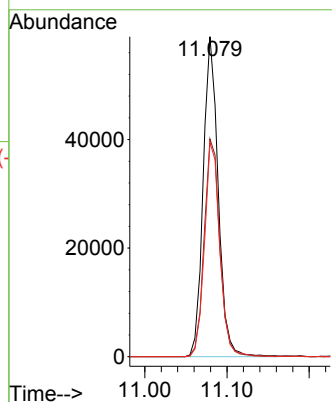
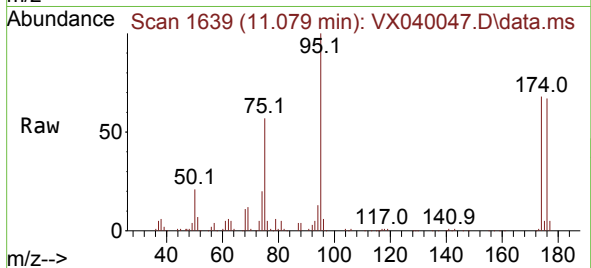




#62
4-Bromofluorobenzene
Concen: 47.623 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

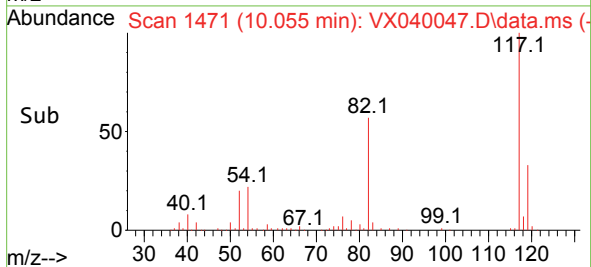
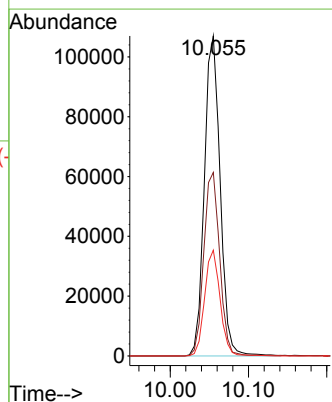
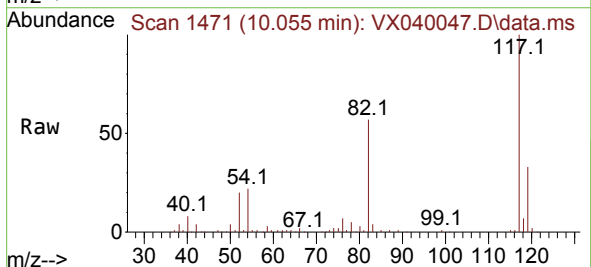
Instrument :
MSVOA_X
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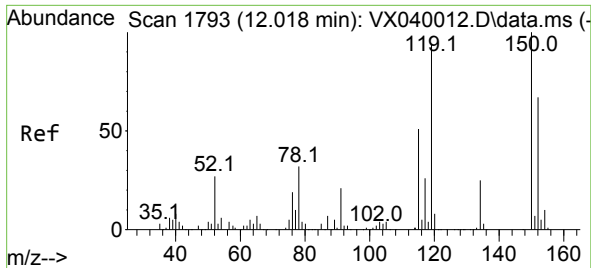
Tgt Ion: 95 Resp: 74696
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 67.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040047.D
Acq: 31 Jan 2024 14:43

Tgt Ion: 117 Resp: 149607
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 33.0 25.5 38.3

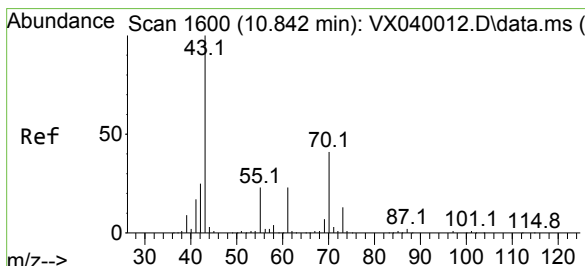
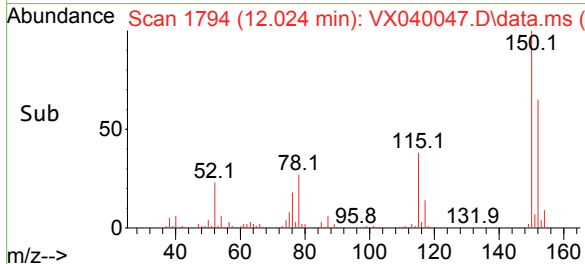
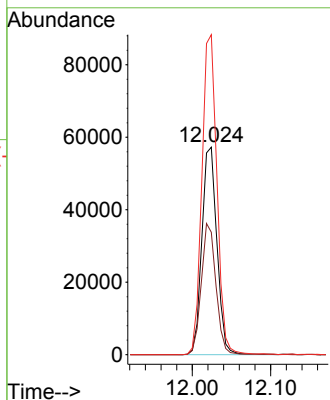
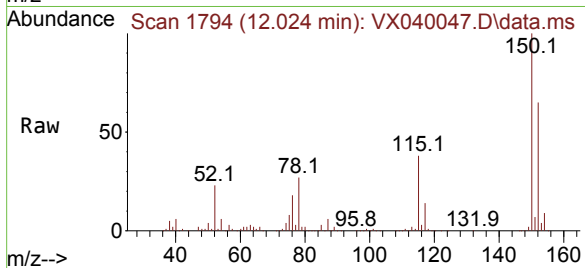




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040047.D
 Acq: 31 Jan 2024 14:43

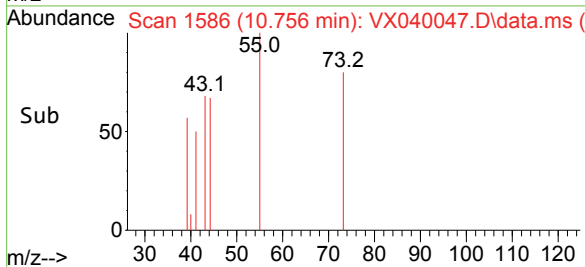
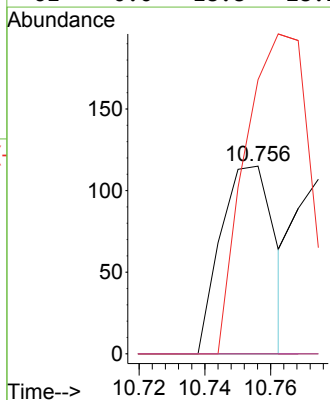
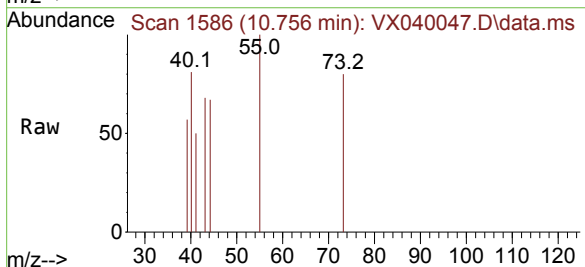
Instrument :
 MSVOA_X
 ClientSampleId :
 1241

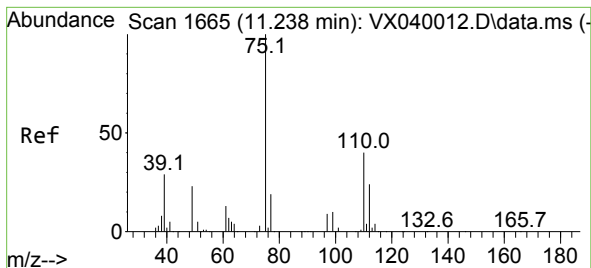
Tgt Ion:152 Resp: 76369
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 154.2 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.251 ug/l
 RT: 10.756 min Scan# 1586
 Delta R.T. -0.086 min
 Lab File: VX040047.D
 Acq: 31 Jan 2024 14:43

Tgt Ion: 43 Resp: 132
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 237.9 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 25.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040047.D

Acq: 31 Jan 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :

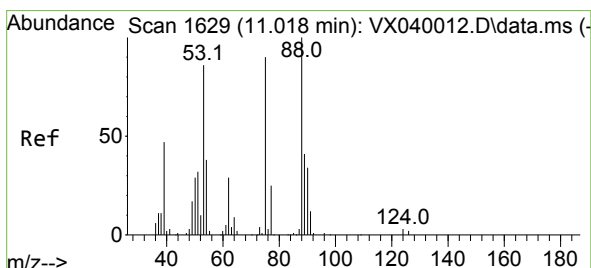
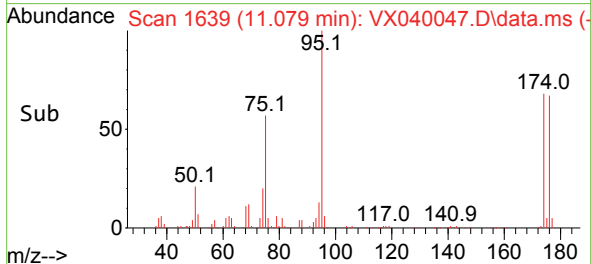
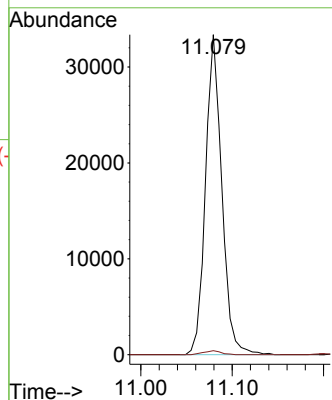
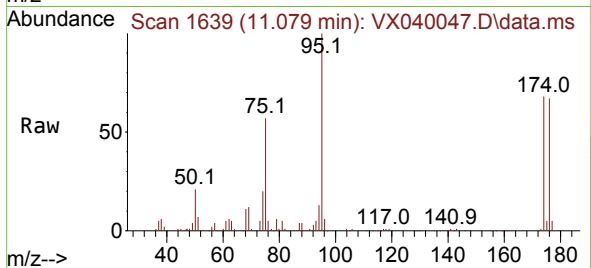
1241

Tgt Ion: 75 Resp: 41297

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.893 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040047.D

Acq: 31 Jan 2024 14:43

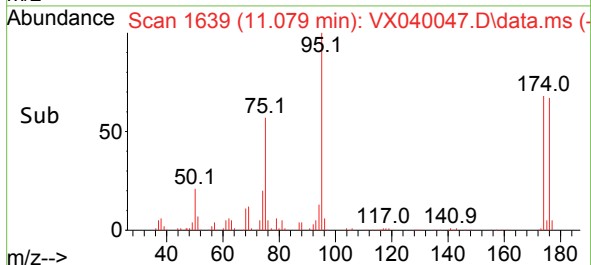
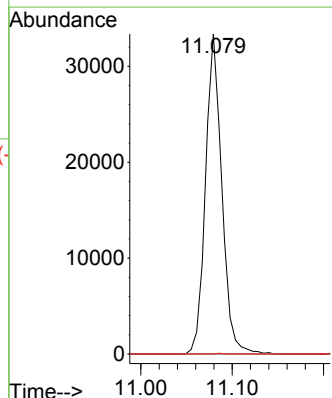
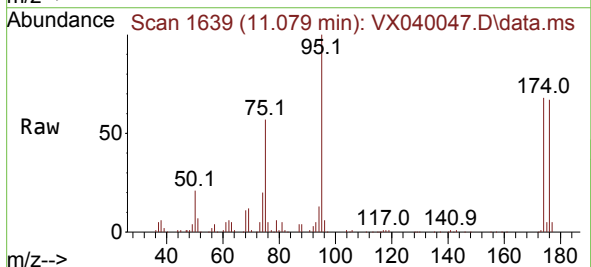
Tgt Ion: 75 Resp: 41297

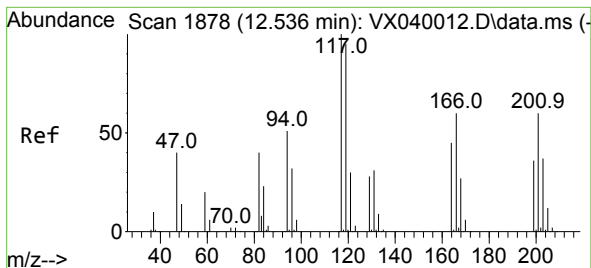
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 12.689 min Scan# 1903

Delta R.T. 0.153 min

Lab File: VX040047.D

Acq: 31 Jan 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :

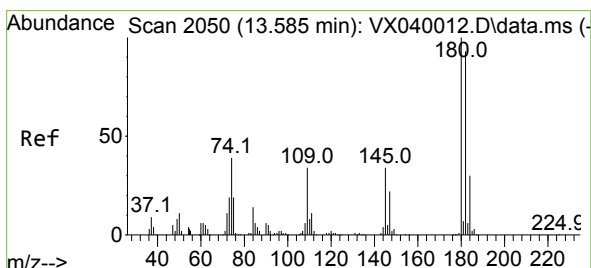
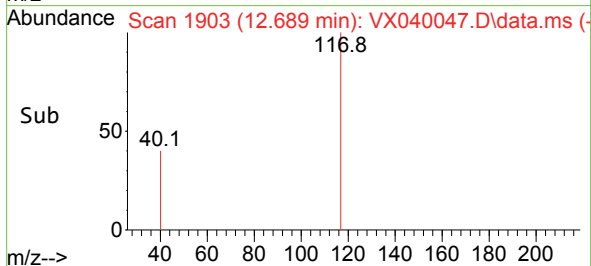
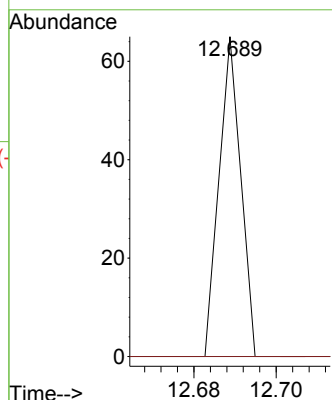
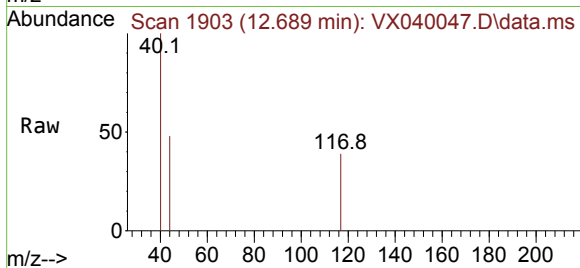
1241

Tgt Ion:117 Resp: 24

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040047.D

Acq: 31 Jan 2024 14:43

Tgt Ion:180 Resp: 314

Ion Ratio Lower Upper

180 100

182 115.3 48.3 144.8

145 0.0 18.0 54.0#

