

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040514.D
 Acq On : 28 Feb 2024 16:26
 Operator : JC/MD
 Sample : P1613-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1847

Quant Time: Feb 29 03:52:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

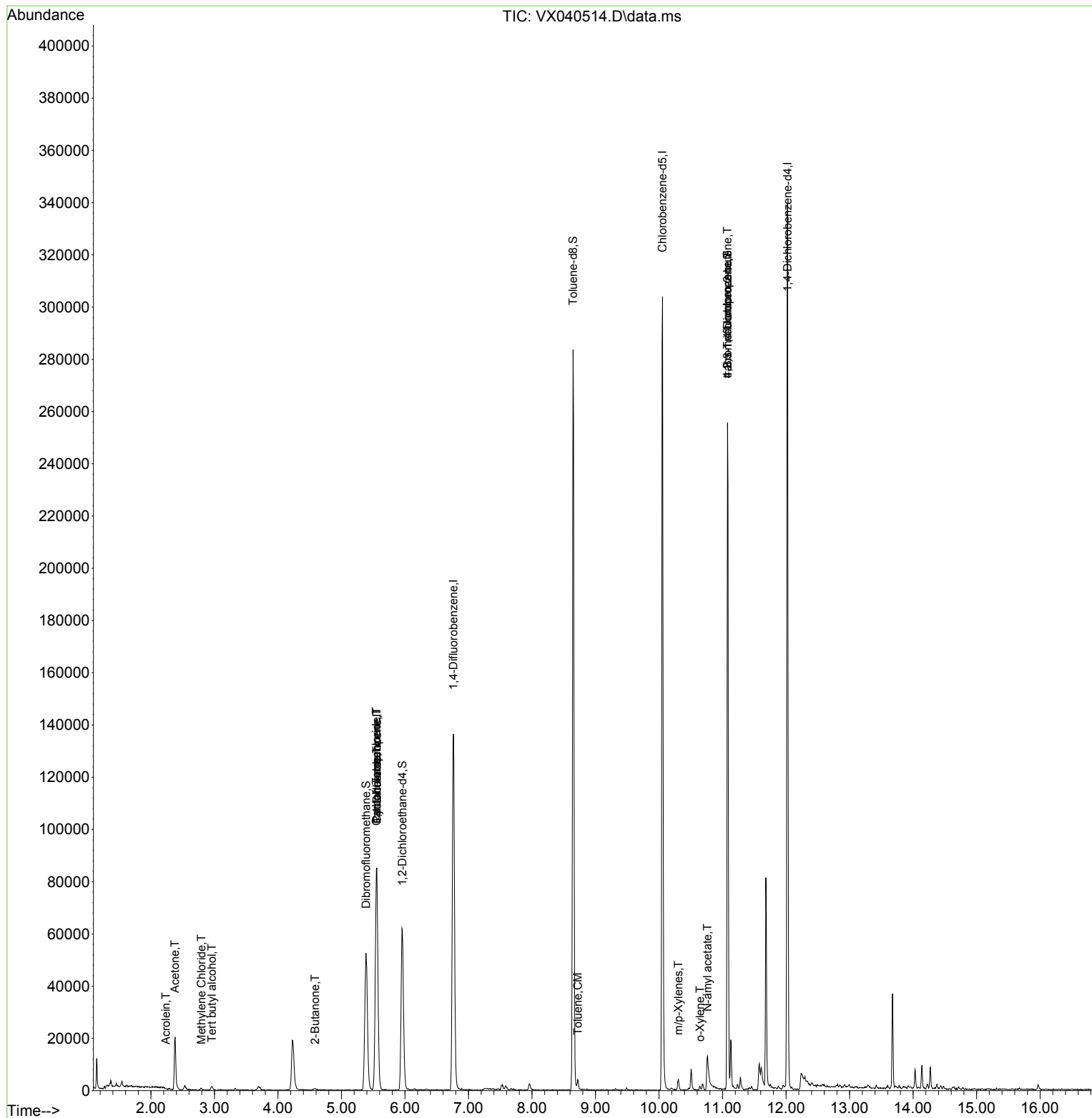
Internal Standards						
1) Pentafluorobenzene	5.556	168	75573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62396	49.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	44560	48.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	161519	48.196	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	66428	51.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1360	6.400	ug/l #	92
13) Acrolein	2.233	56	70	0.514	ug/l	88
16) Acetone	2.380	43	22248	53.972	ug/l	95
20) Methylene Chloride	2.794	84	220	0.223	ug/l #	81
25) 2-Butanone	4.586	43	1470	2.047	ug/l #	84
31) Cyclohexane	5.556	56	2099	1.466	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	6951	4.887	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8610	6.266	ug/l #	15
52) Toluene	8.720	92	1172	0.496	ug/l	80
68) m/p-Xylenes	10.305	106	1009	0.537	ug/l	90
69) o-Xylene	10.646	106	389	0.217	ug/l	93
74) N-amyl acetate	10.762	43	4676	2.075	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38427	26.502	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38427	77.021	ug/l #	5

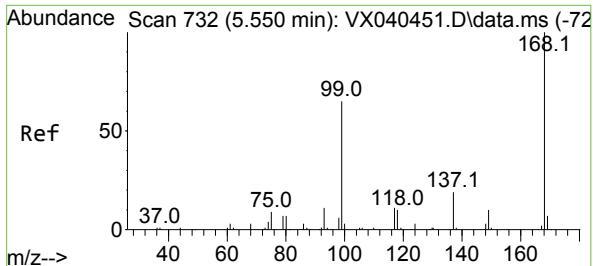
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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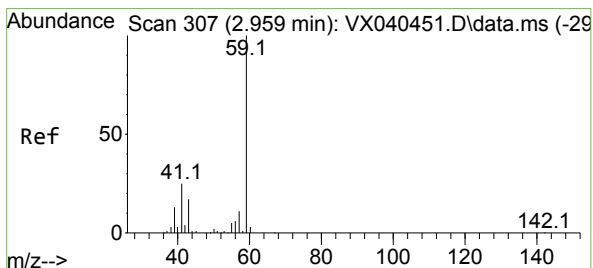
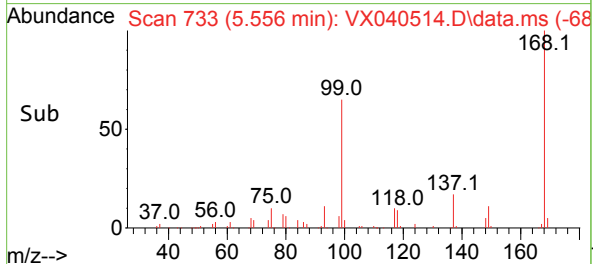
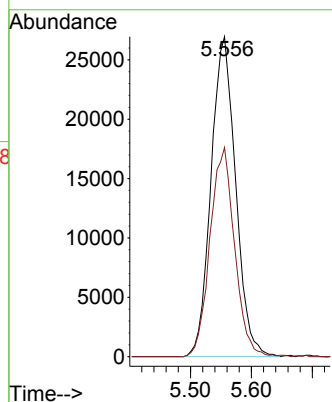
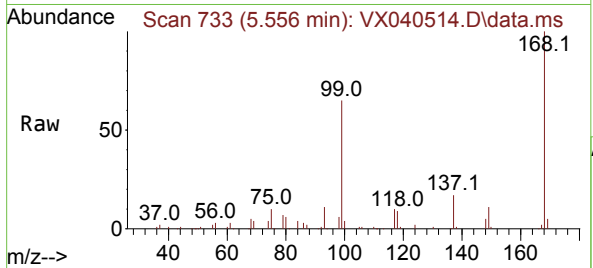




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

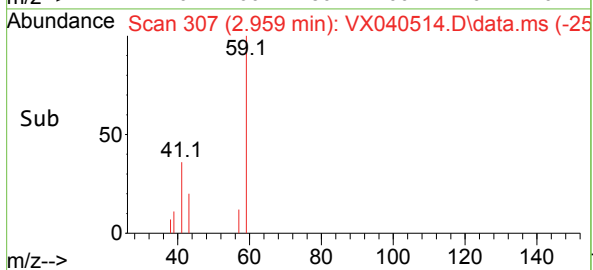
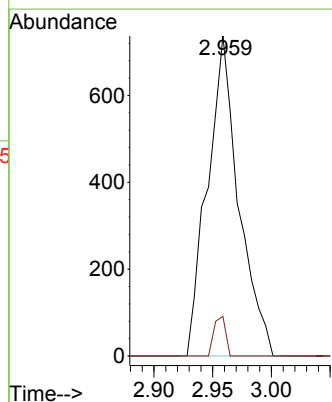
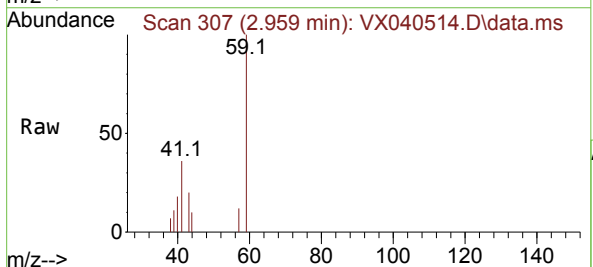
Instrument :
MSVOA_X
ClientSampleId :
1847

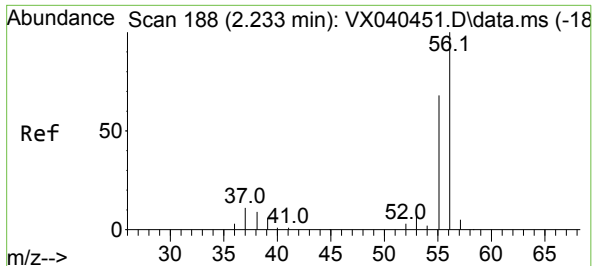
Tgt Ion:168 Resp: 75573
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.400 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 59 Resp: 1360
Ion Ratio Lower Upper
59 100
57 4.6 6.0 9.0#





#13

Acrolein

Concen: 0.514 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040514.D

Acq: 28 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

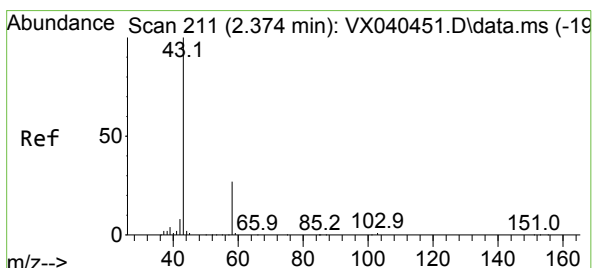
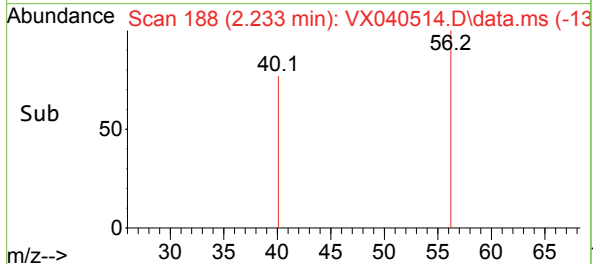
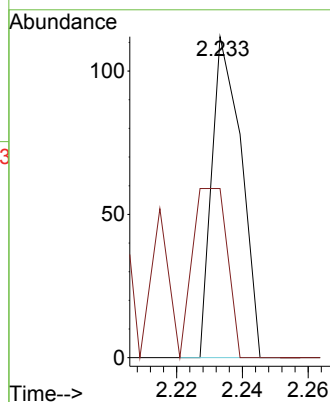
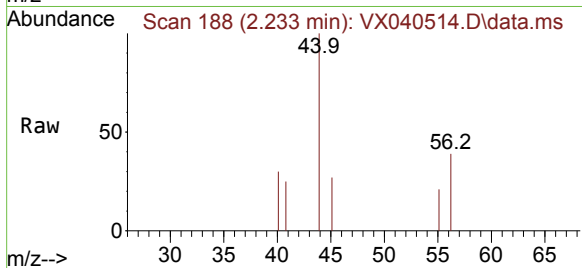
1847

Tgt Ion: 56 Resp: 70

Ion Ratio Lower Upper

56 100

55 61.4 57.1 85.7



#16

Acetone

Concen: 53.972 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040514.D

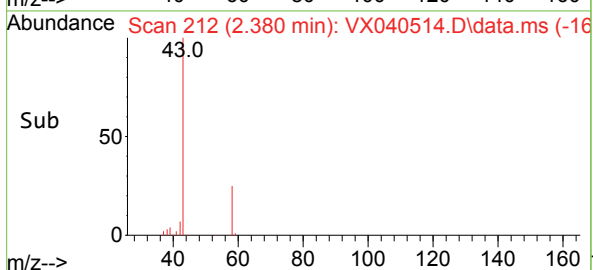
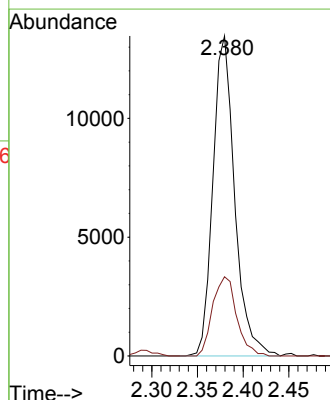
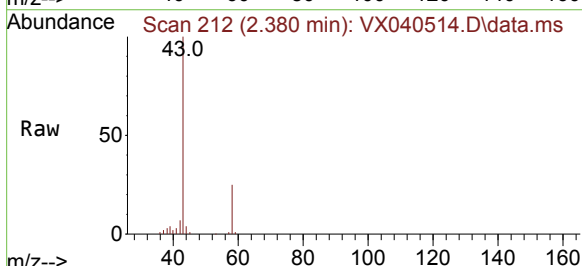
Acq: 28 Feb 2024 16:26

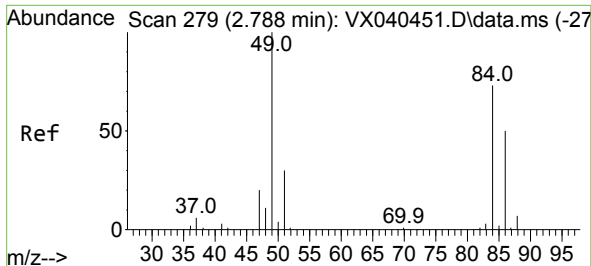
Tgt Ion: 43 Resp: 22248

Ion Ratio Lower Upper

43 100

58 24.8 21.9 32.9

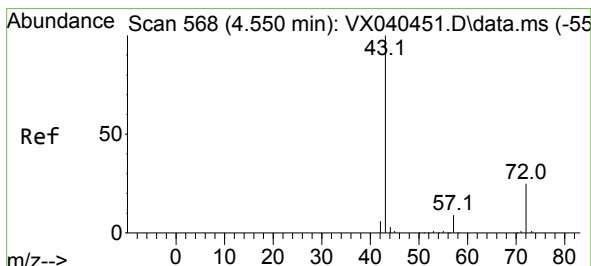
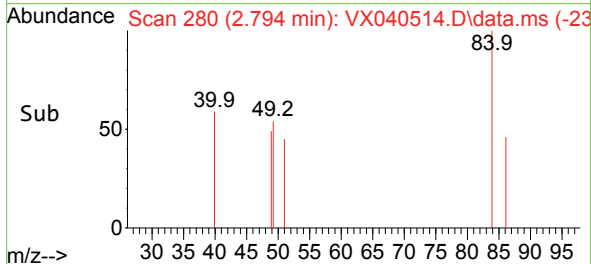
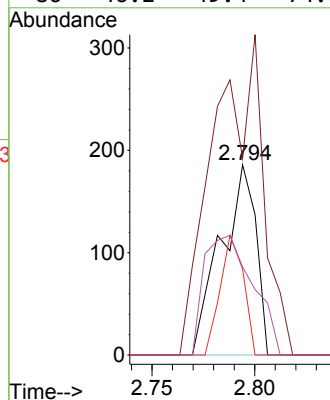
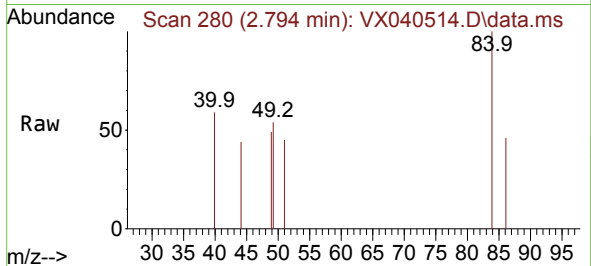




#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

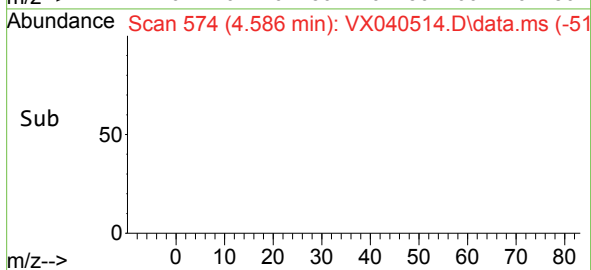
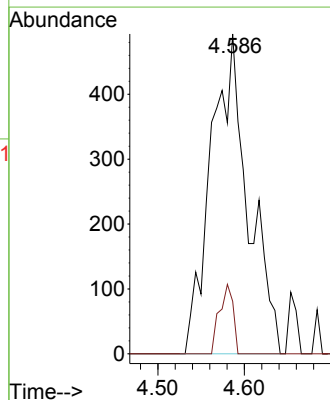
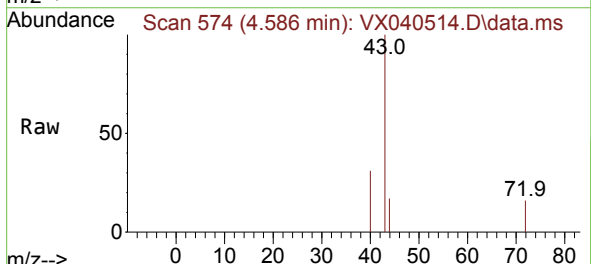
Instrument :
MSVOA_X
ClientSampleId :
1847

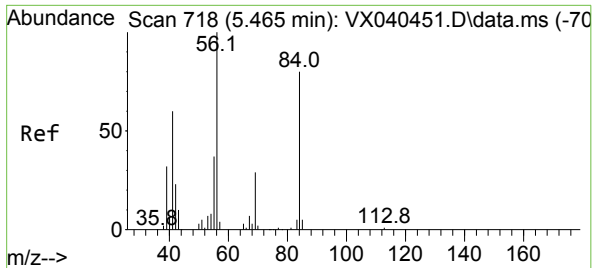
Tgt Ion: 84 Resp: 220
Ion Ratio Lower Upper
84 100
49 103.2 103.6 155.4#
51 45.2 33.8 50.6
86 46.2 49.4 74.0#



#25
2-Butanone
Concen: 2.047 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.036 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 16.4 19.4 29.2#

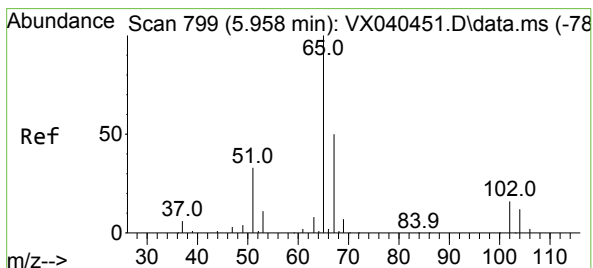
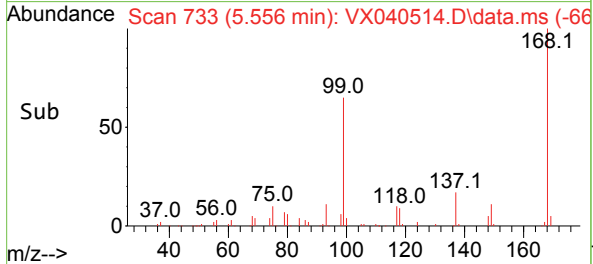
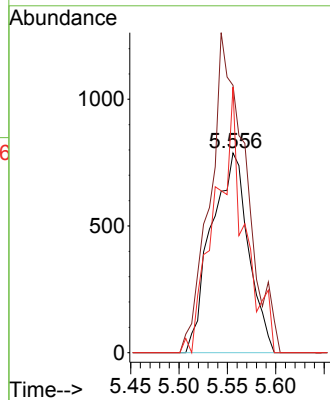
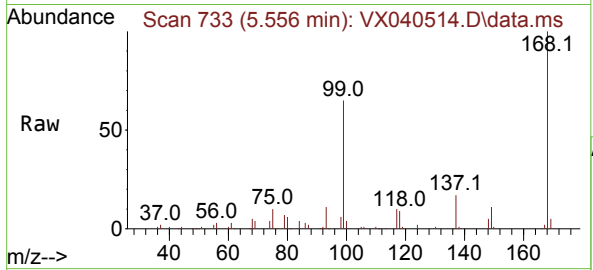




#31
Cyclohexane
Concen: 1.466 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

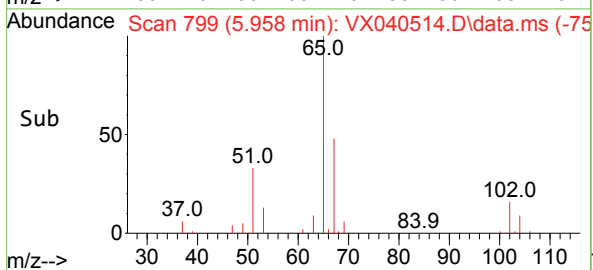
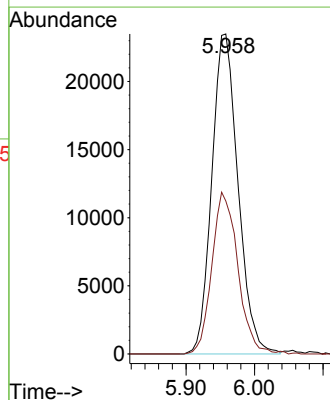
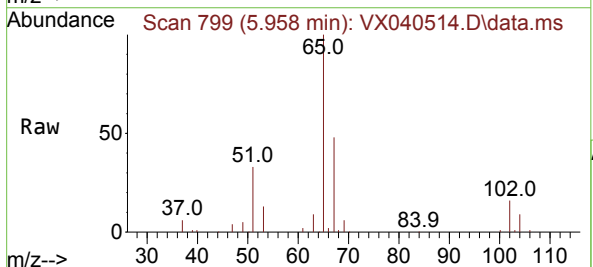
Instrument :
MSVOA_X
ClientSampleId :
1847

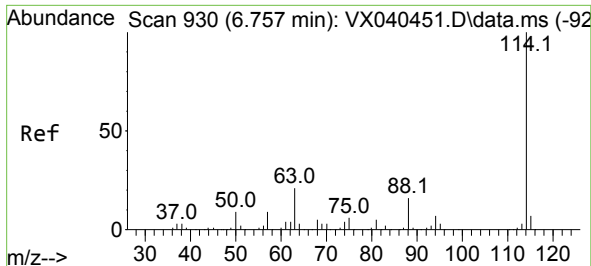
Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 133.9 23.4 35.2#
84 133.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.364 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 65 Resp: 62396
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

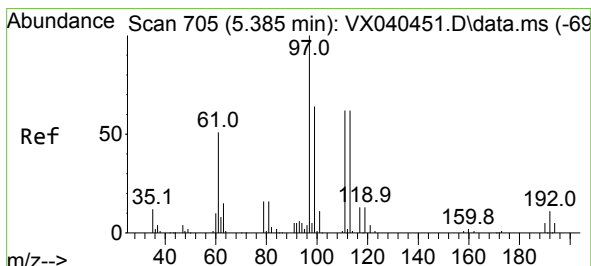
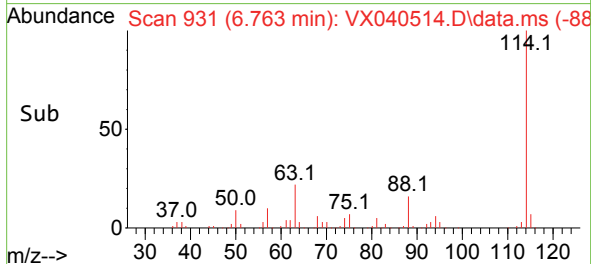
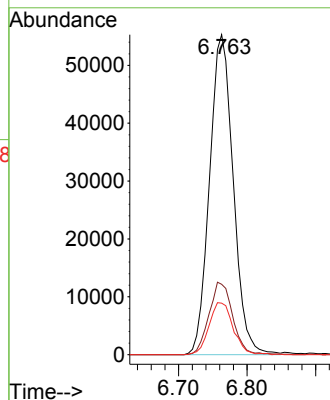
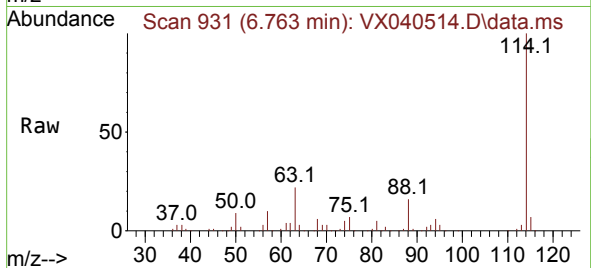




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

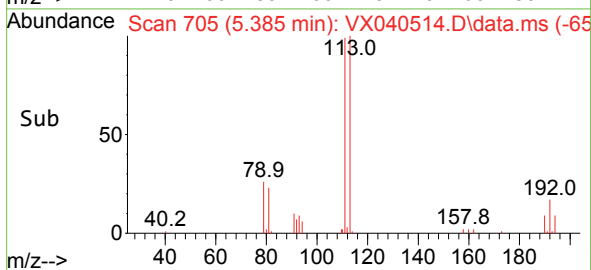
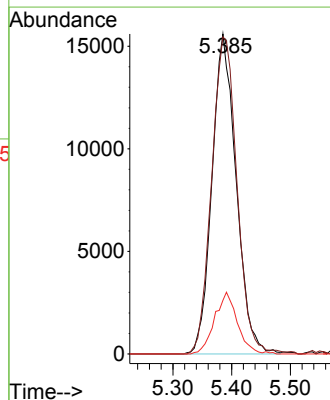
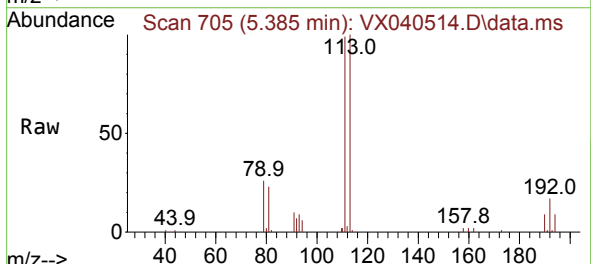
Instrument :
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ClientSampleId :
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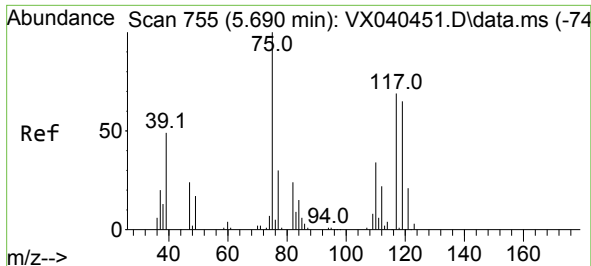
Tgt Ion:114 Resp: 132767
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion:113 Resp: 44560
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.1 13.3 19.9

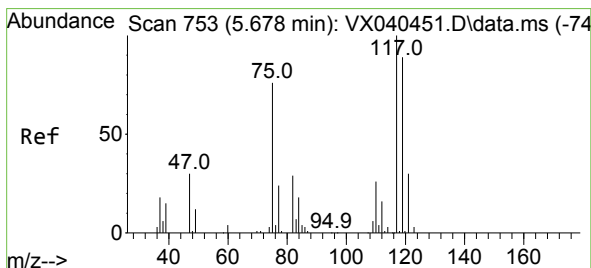
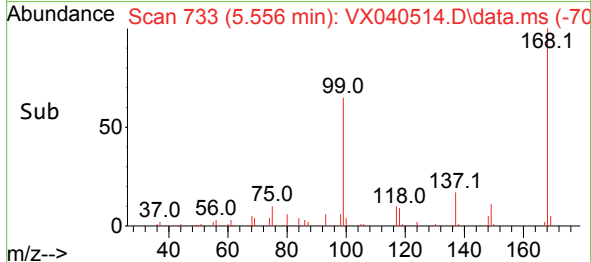
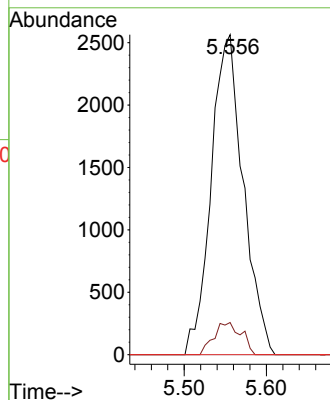
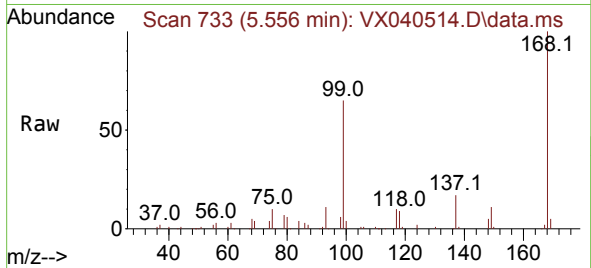




#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

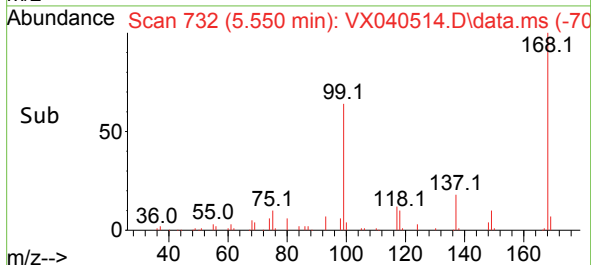
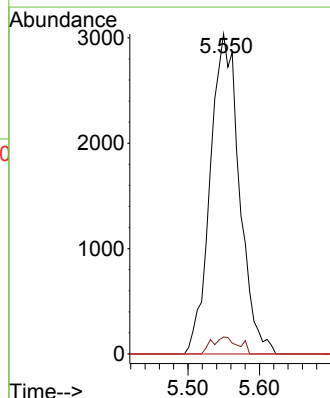
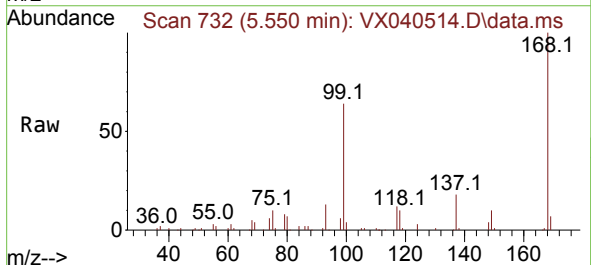
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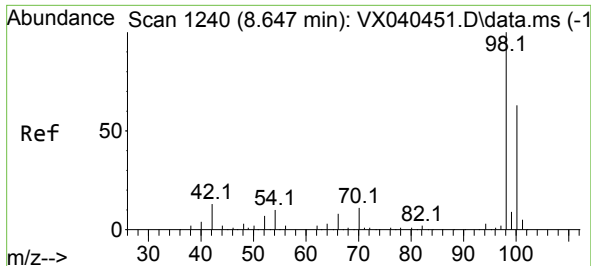
Tgt Ion: 75 Resp: 6951
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.266 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 117 Resp: 8610
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

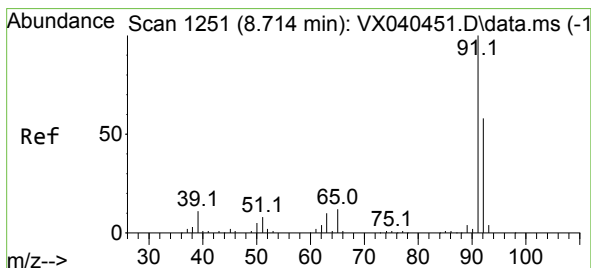
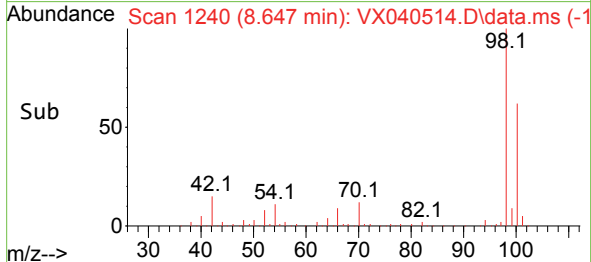
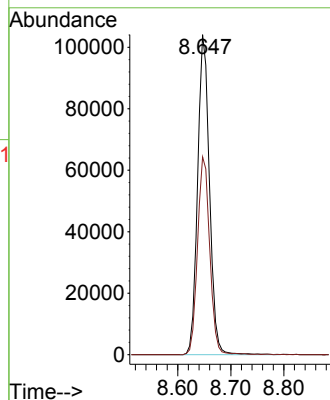
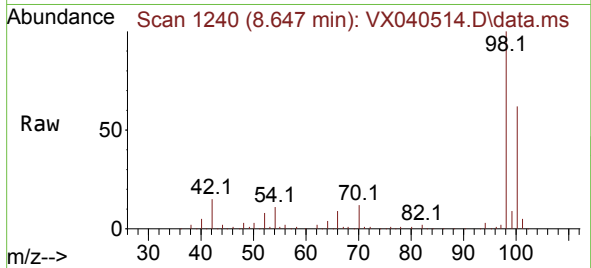




#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.647 min Scan# 11847
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

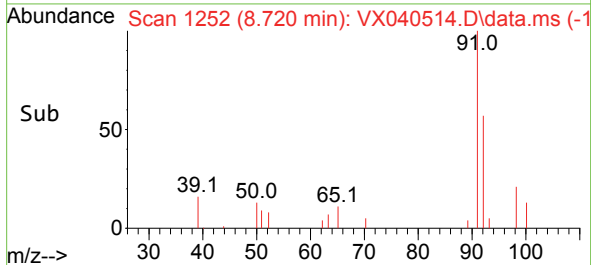
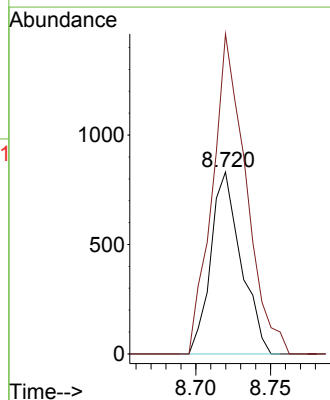
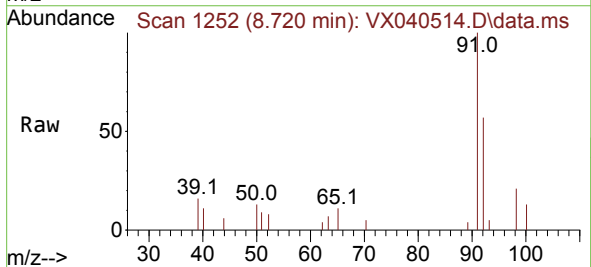
Instrument :
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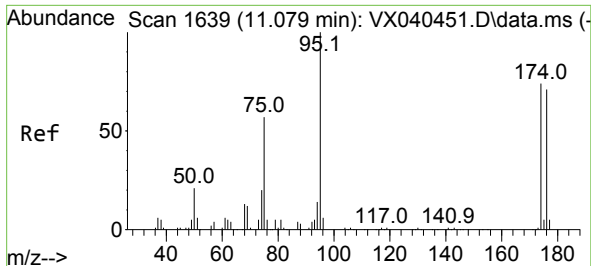
Tgt Ion: 98 Resp: 161519
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 0.496 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 92 Resp: 1172
Ion Ratio Lower Upper
92 100
91 195.0 134.2 201.2

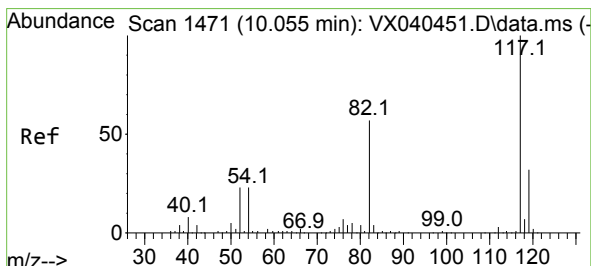
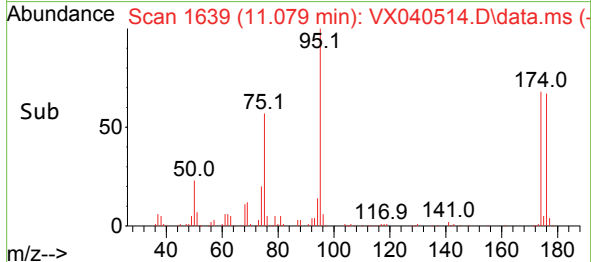
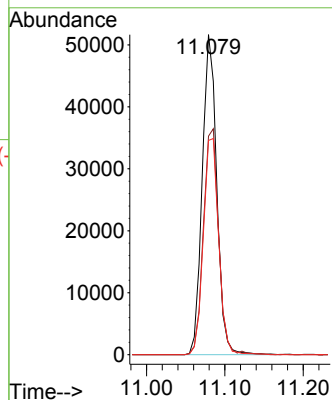
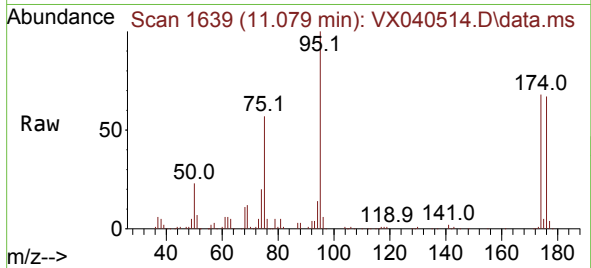




#62
4-Bromofluorobenzene
Concen: 51.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

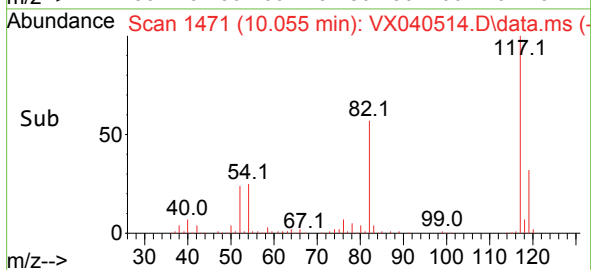
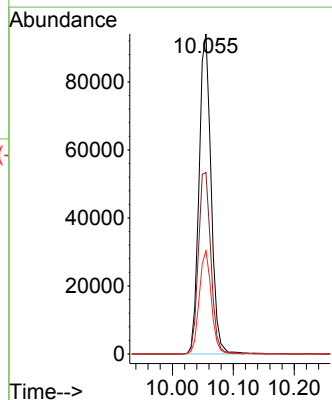
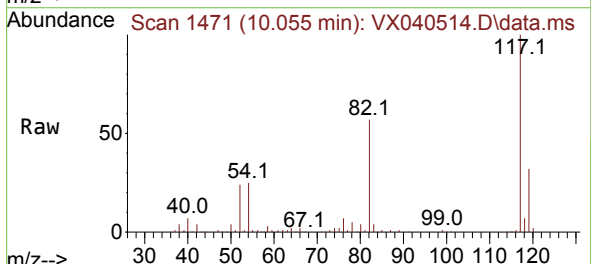
Instrument :
MSVOA_X
ClientSampleId :
1847

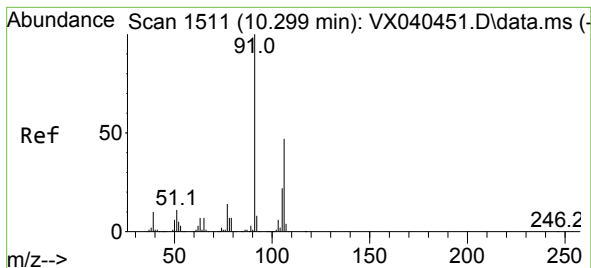
Tgt Ion: 95 Resp: 66428
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 117 Resp: 129141
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.3 25.5 38.3

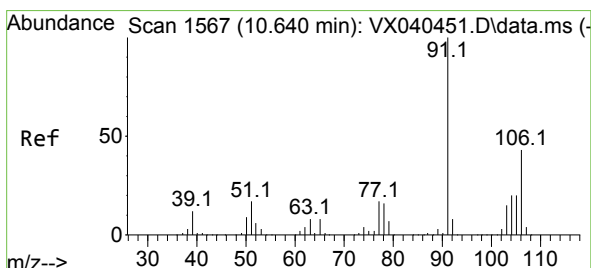
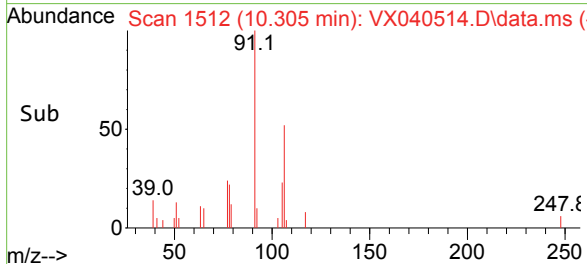
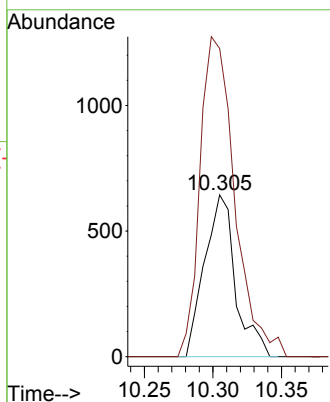
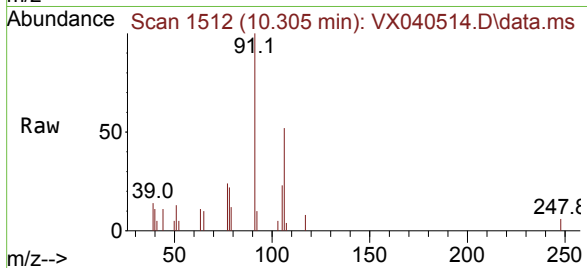




#68
m/p-Xylenes
Concen: 0.537 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

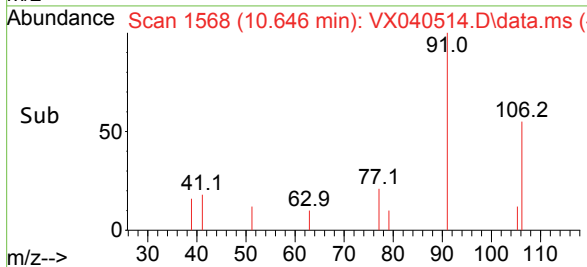
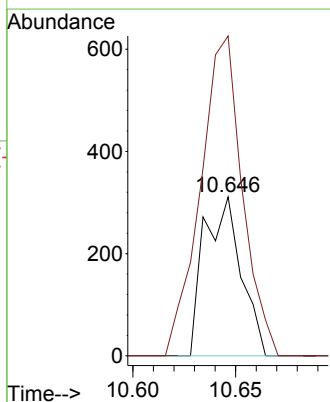
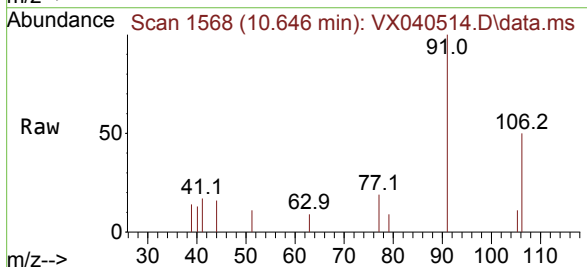
Instrument :
MSVOA_X
ClientSampleId :
1847

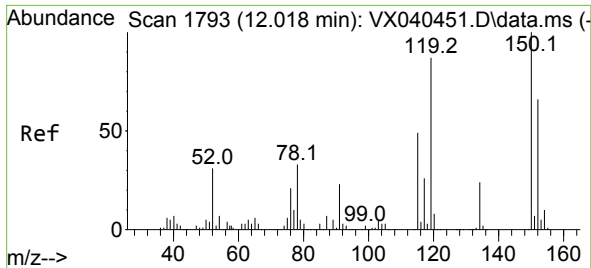
Tgt Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 222.7 165.5 248.3



#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion:106 Resp: 389
Ion Ratio Lower Upper
106 100
91 229.0 108.9 326.8

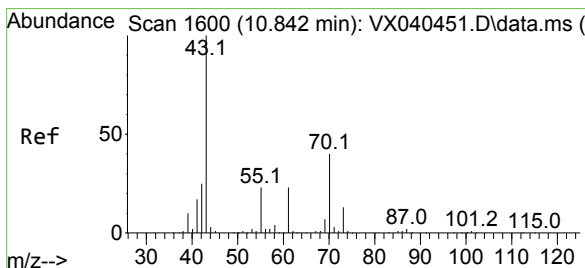
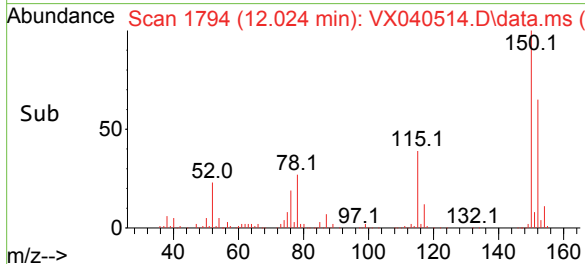
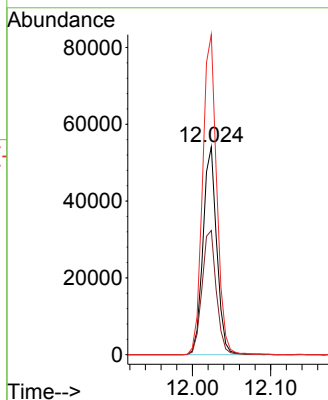
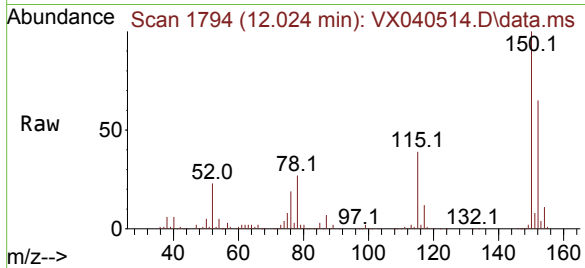




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

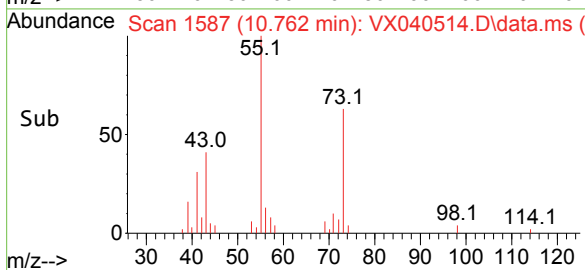
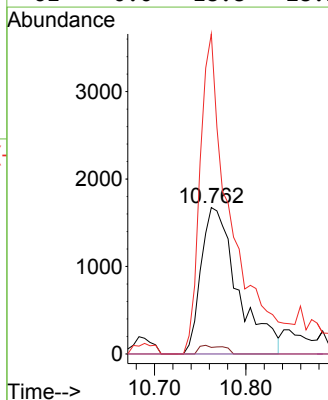
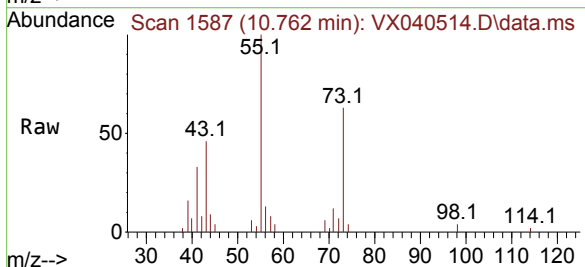
Instrument :
MSVOA_X
ClientSampleId :
1847

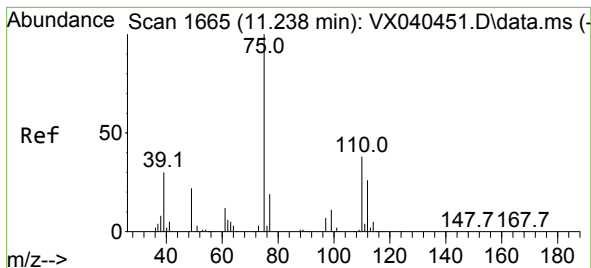
Tgt Ion:152 Resp: 65883
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 157.7 0.0 345.0



#74
N-ethyl acetate
Concen: 2.075 ug/l
RT: 10.762 min Scan# 1587
Delta R.T. -0.079 min
Lab File: VX040514.D
Acq: 28 Feb 2024 16:26

Tgt Ion: 43 Resp: 4676
Ion Ratio Lower Upper
43 100
70 3.8 32.9 49.3#
55 185.1 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 26.502 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040514.D

Acq: 28 Feb 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

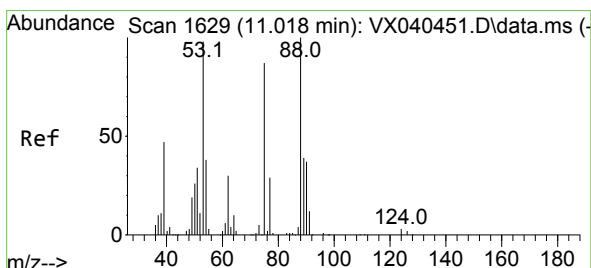
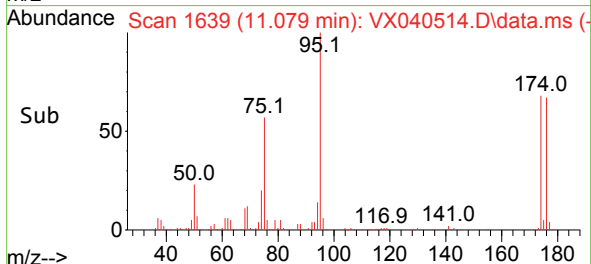
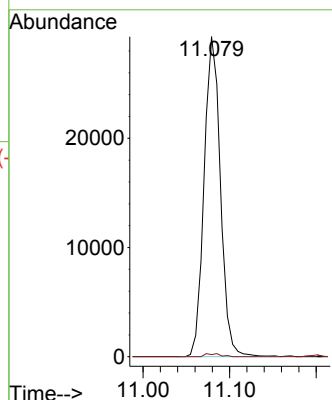
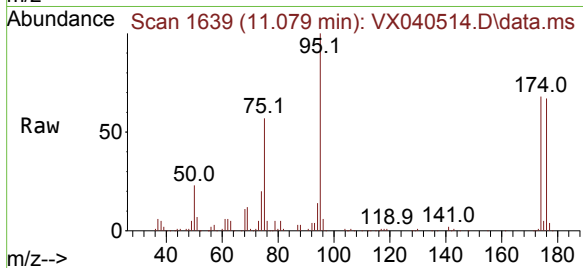
1847

Tgt Ion: 75 Resp: 38427

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.021 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040514.D

Acq: 28 Feb 2024 16:26

Tgt Ion: 75 Resp: 38427

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

