

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040054.D
 Acq On : 31 Jan 2024 17:46
 Operator : JC/MD
 Sample : P1282-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1243-1244

Quant Time: Feb 01 04:25:58 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)

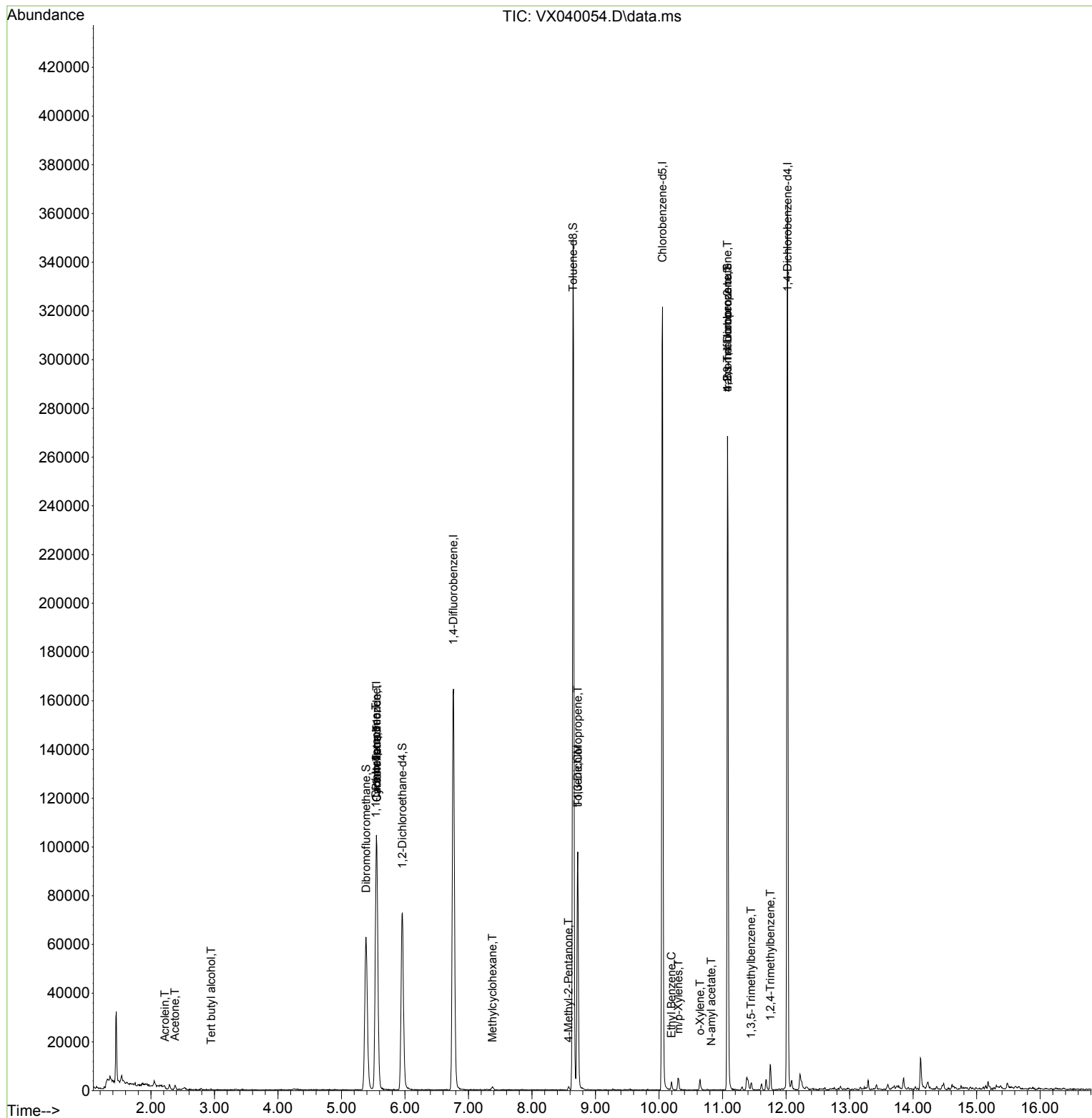
Internal Standards						
1) Pentafluorobenzene	5.550	168	92007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69433	46.891	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.780%
35) Dibromofluoromethane	5.385	113	54228	48.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.647	98	198325	47.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	71870	44.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	140	0.521	ug/l #	78
13) Acrolein	2.221	56	127	0.493	ug/l #	1
16) Acetone	2.380	43	1671	2.408	ug/l #	85
31) Cyclohexane	5.556	56	2486	1.340	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	8365	5.194	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10253	6.654	ug/l #	14
39) Methylcyclohexane	7.379	83	504	0.257	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	951	0.502	ug/l	92
52) Toluene	8.720	92	36079	12.341	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	423	0.246	ug/l #	1
67) Ethyl Benzene	10.195	91	1980	0.369	ug/l #	83
68) m/p-Xylenes	10.305	106	1443	0.715	ug/l	95
69) o-Xylene	10.646	106	982	0.513	ug/l	90
74) N-amyl acetate	10.823	43	20	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	38589	24.614	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	1629	0.358	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	38589	72.961	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	4839	1.067	ug/l	99
90) Hexachloroethane	12.616	117	59	Below Cal	#	17

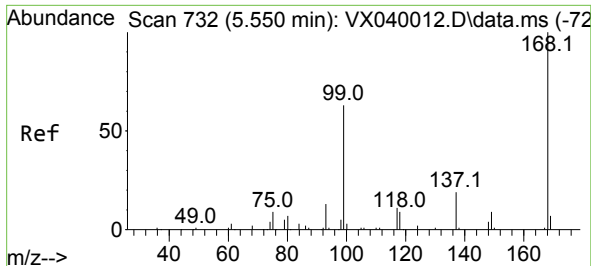
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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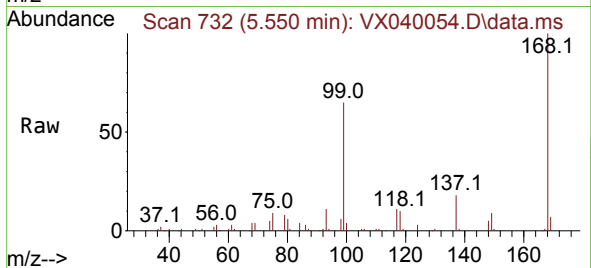
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Instrument :

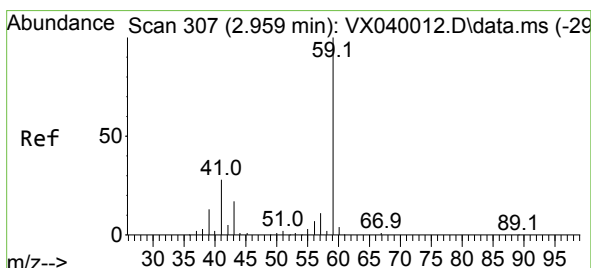
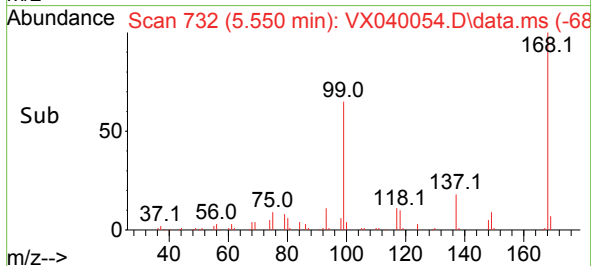
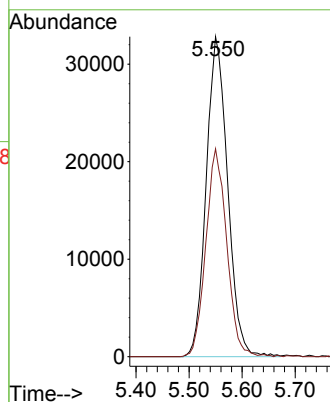
MSVOA_X

ClientSampleId :

1243-1244

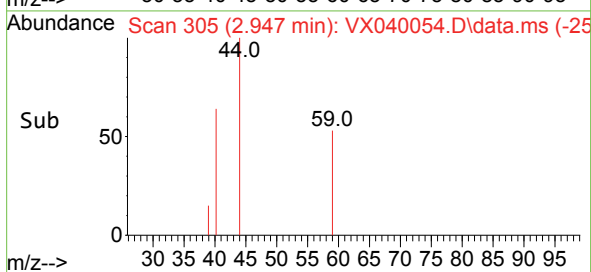
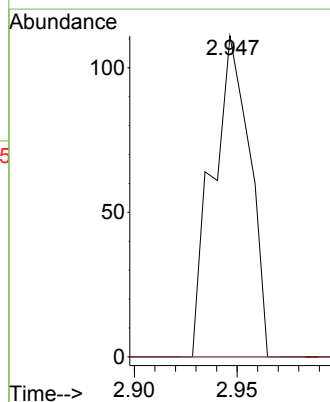
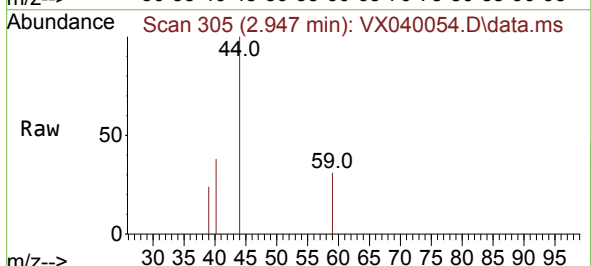


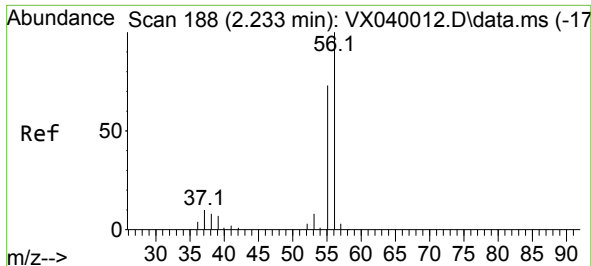
Tgt Ion:168 Resp: 92007
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.521 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

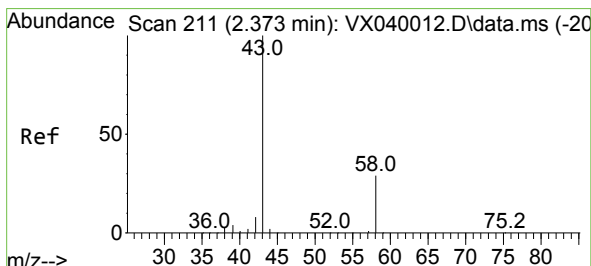
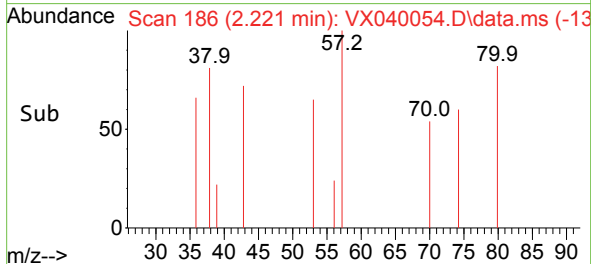
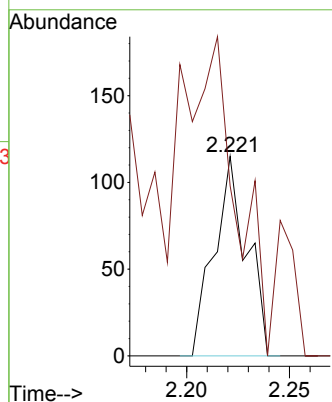
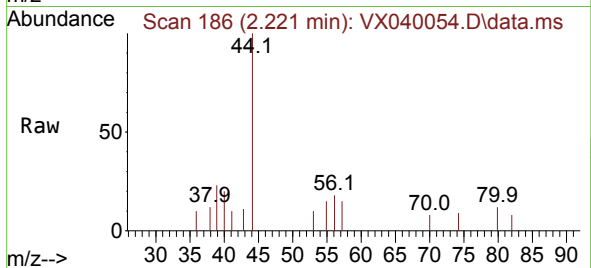




#13
Acrolein
Concen: 0.493 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

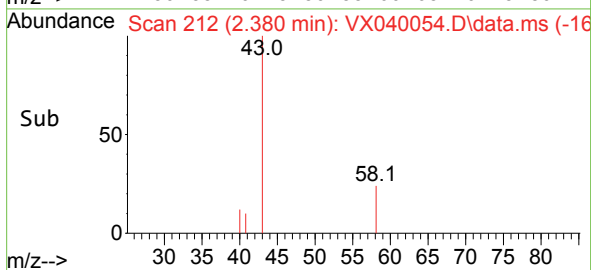
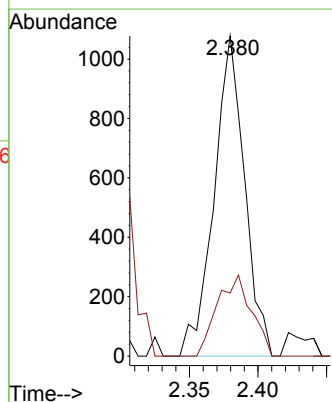
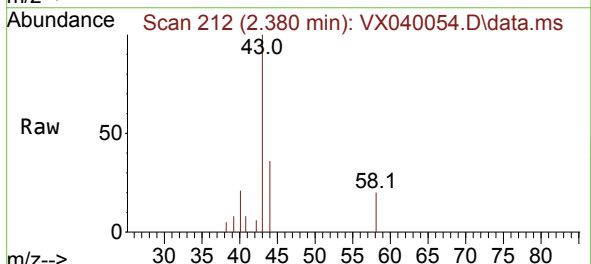
Instrument :
MSVOA_X
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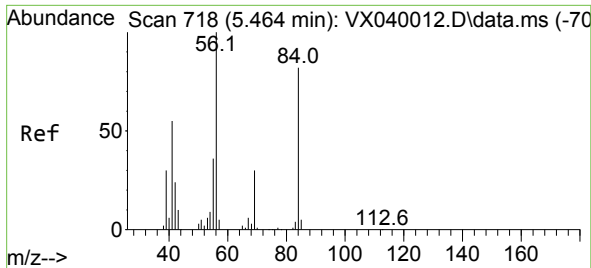
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 258.3 57.1 85.7#



#16
Acetone
Concen: 2.408 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 19.7 21.9 32.9#

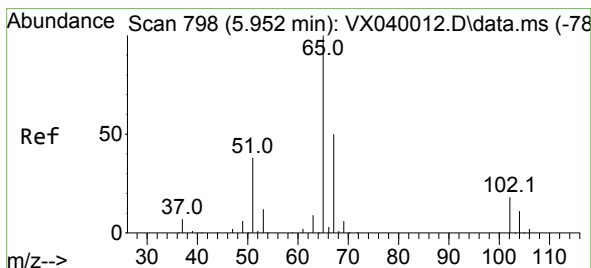
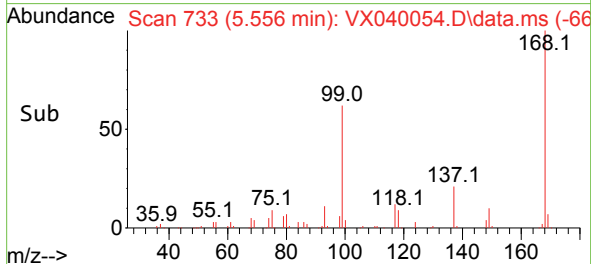
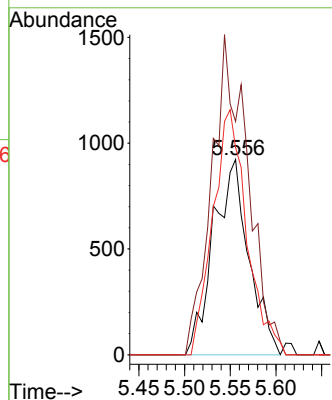
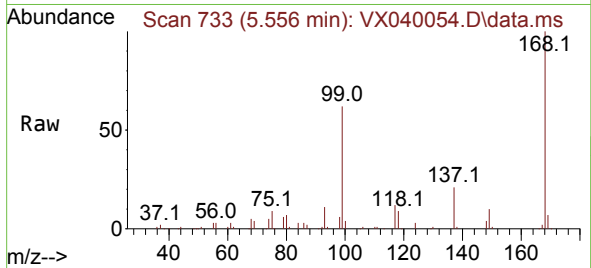




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

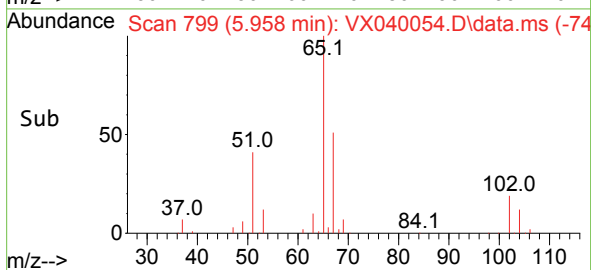
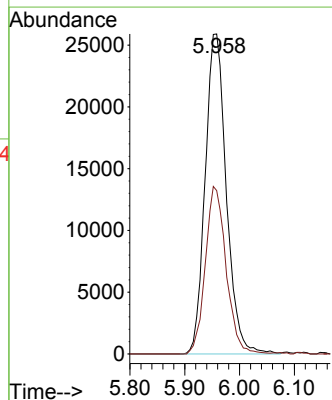
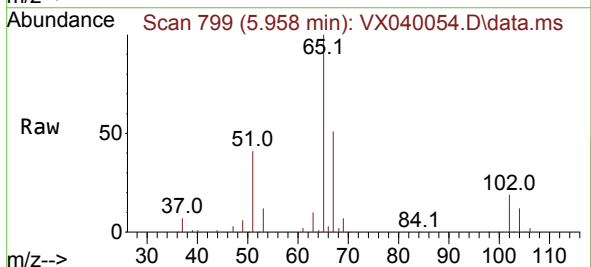
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

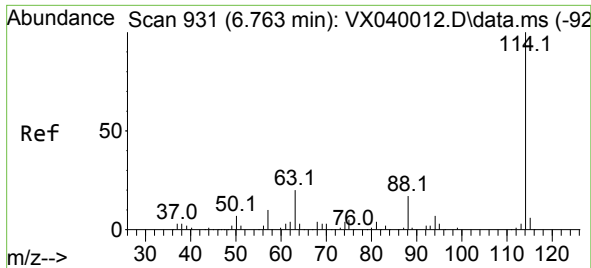
Tgt Ion: 56 Resp: 2486
Ion Ratio Lower Upper
56 100
69 119.5 23.4 35.2#
84 106.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.891 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 65 Resp: 69433
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

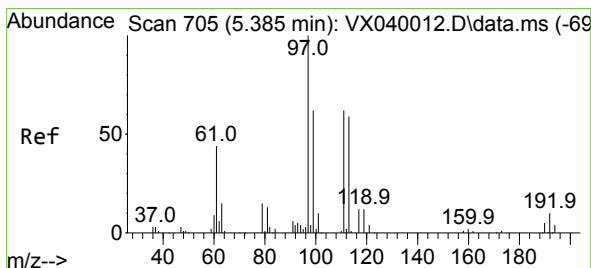
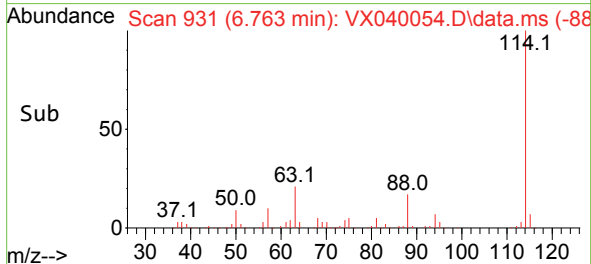
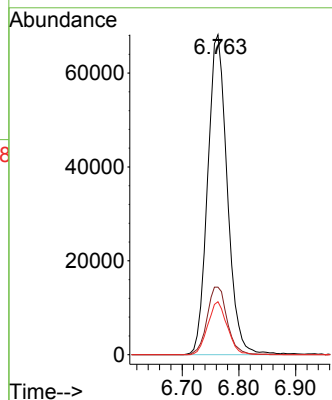
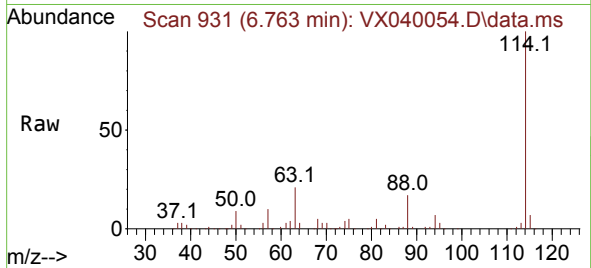




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

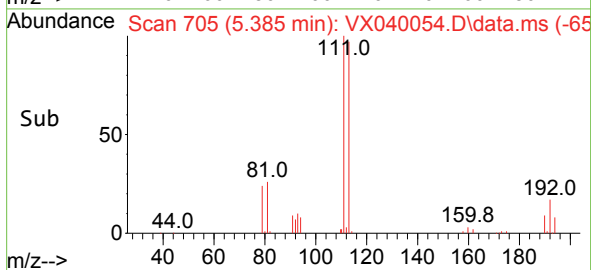
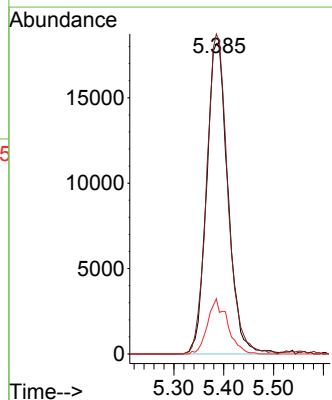
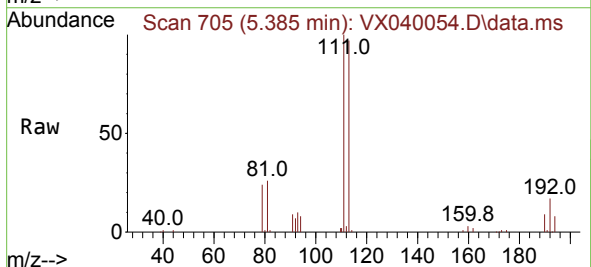
Instrument :
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ClientSampleId :
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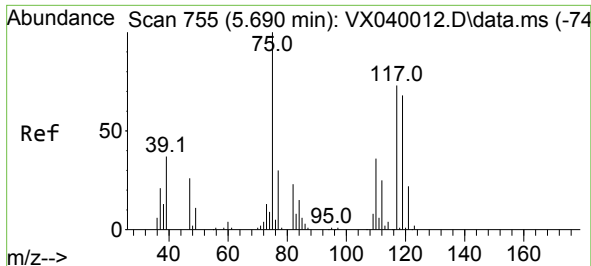
Tgt Ion:114 Resp: 163581
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion:113 Resp: 54228
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 16.6 13.3 19.9

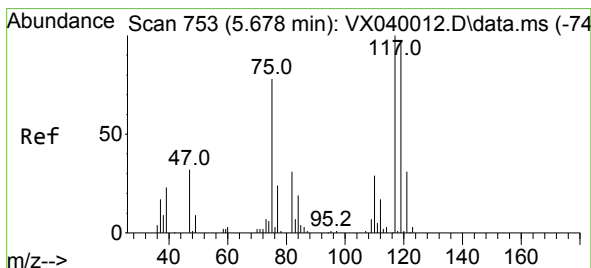
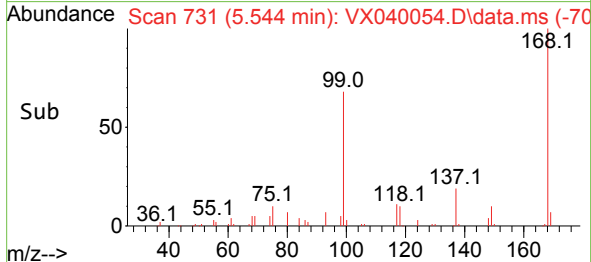
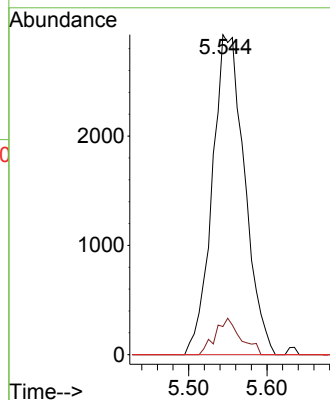
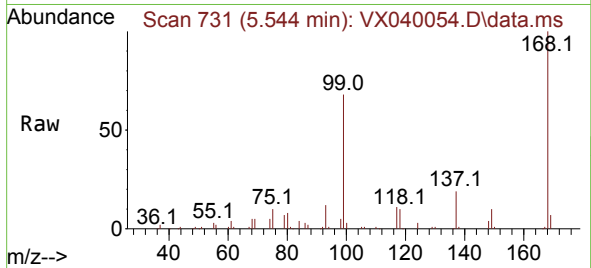




#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 5.544 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

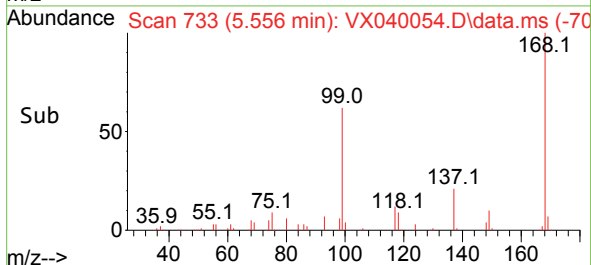
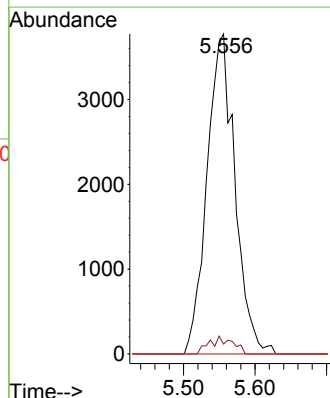
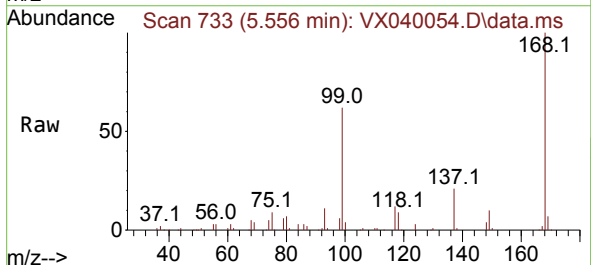
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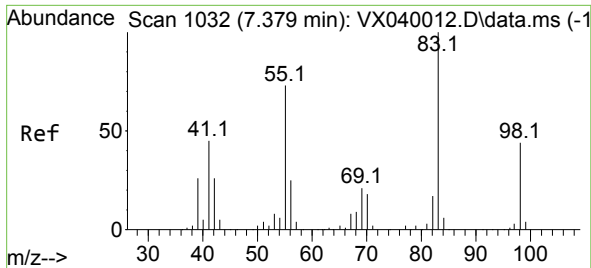
Tgt Ion: 75 Resp: 8365
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 117 Resp: 10253
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#

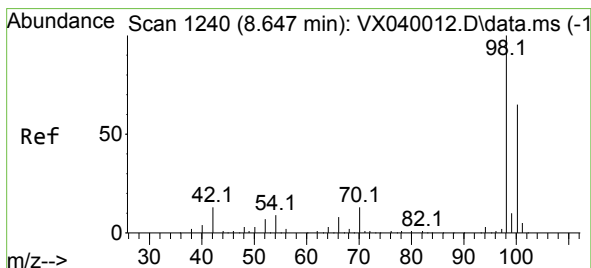
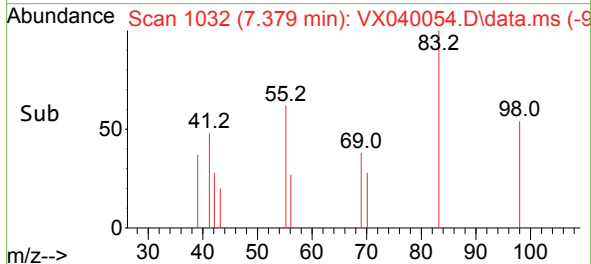
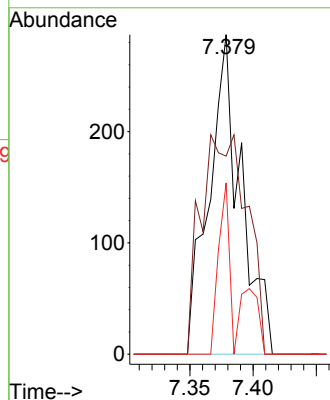
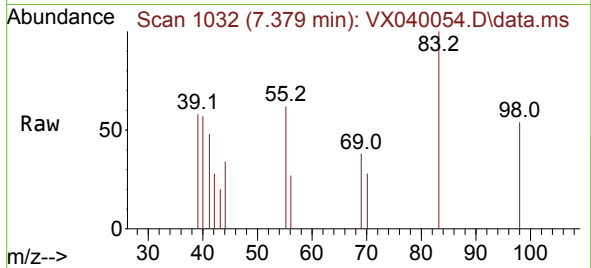




#39
Methylcyclohexane
Concen: 0.257 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

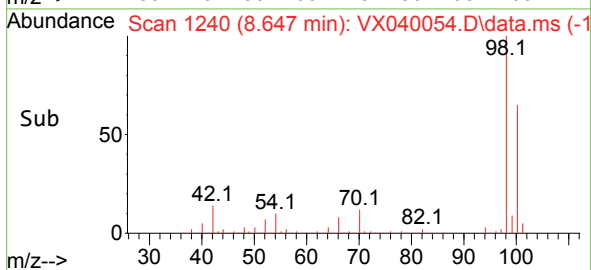
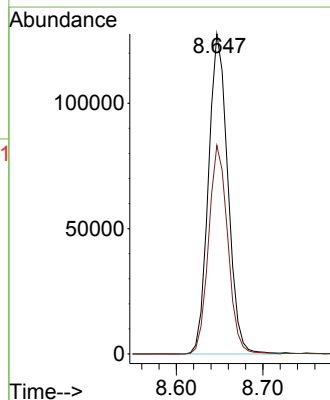
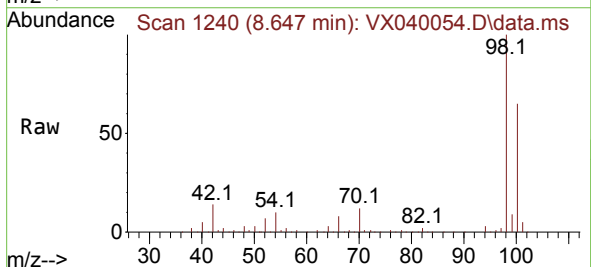
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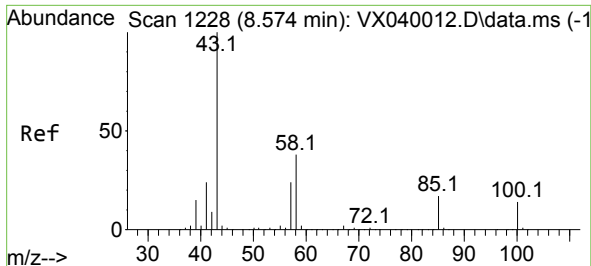
Tgt Ion: 83 Resp: 504
Ion Ratio Lower Upper
83 100
55 62.0 64.6 97.0#
98 53.7 36.7 55.1



#50
Toluene-d8
Concen: 47.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 98 Resp: 198325
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

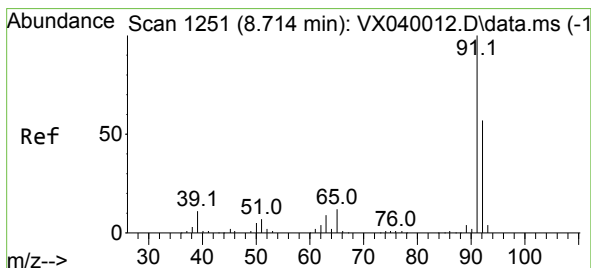
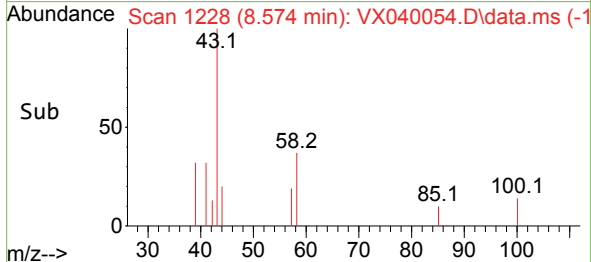
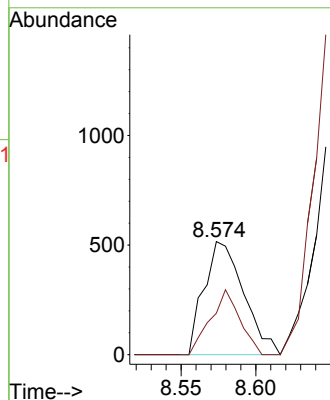
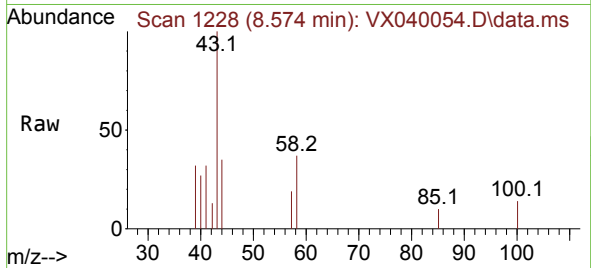




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

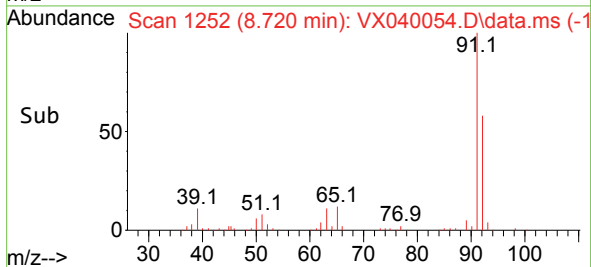
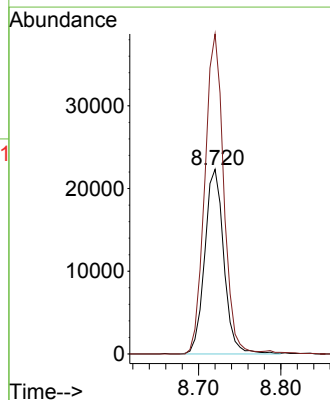
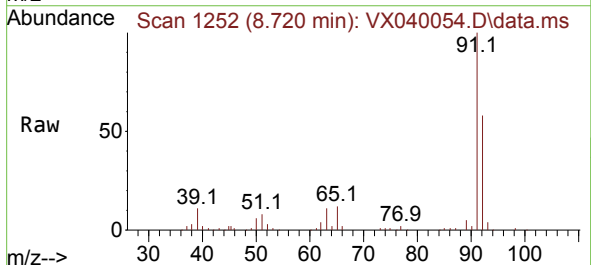
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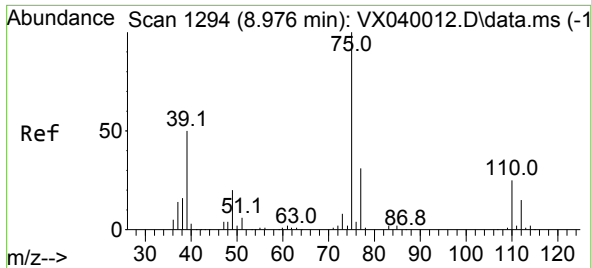
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Ion Ratio Lower Upper
43 100
58 42.6 30.4 45.6



#52
Toluene
Concen: 12.341 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 92 Resp: 36079
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2

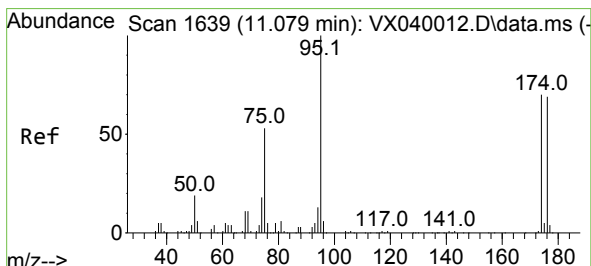
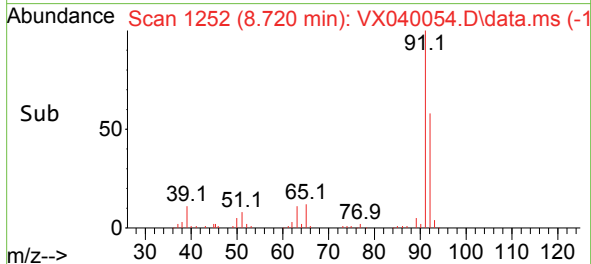
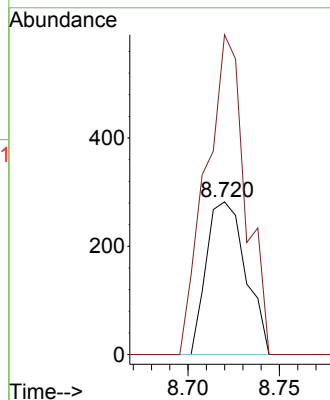
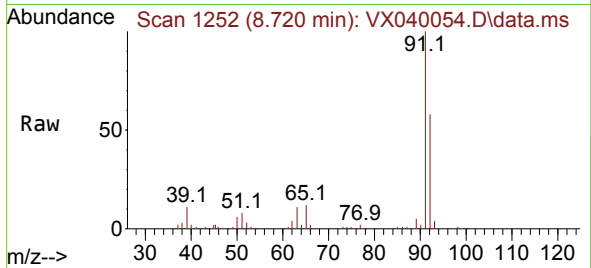




#53
t-1,3-Dichloropropene
Concen: 0.246 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

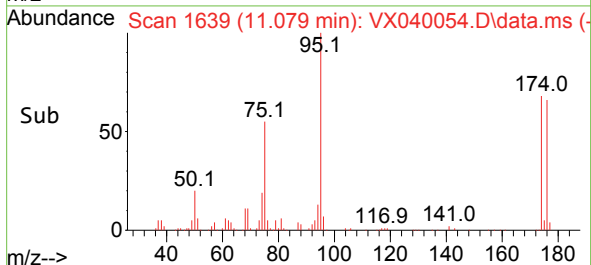
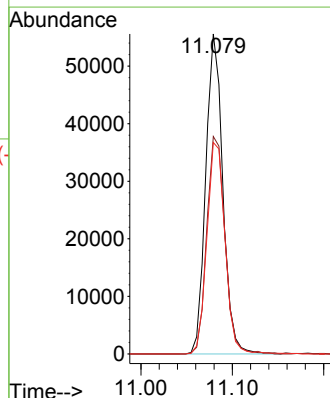
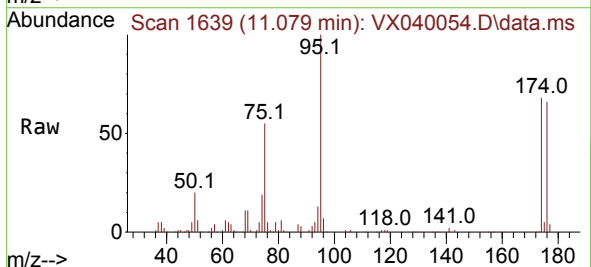
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

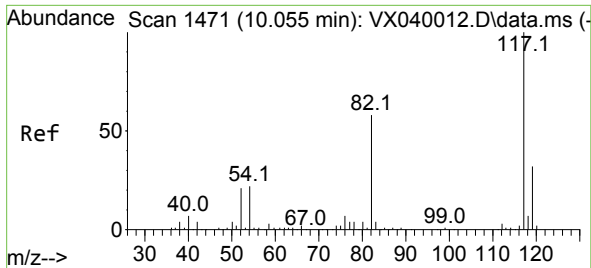
Tgt Ion: 75 Resp: 423
Ion Ratio Lower Upper
75 100
77 209.6 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 95 Resp: 71870
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.3 0.0 131.0

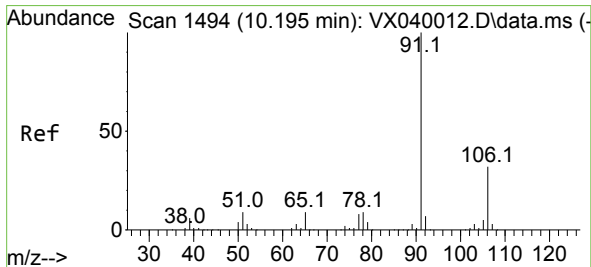
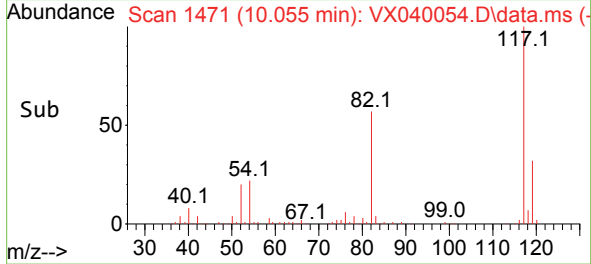
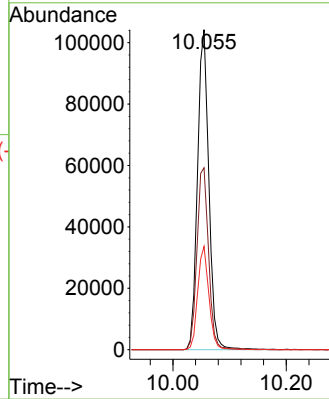
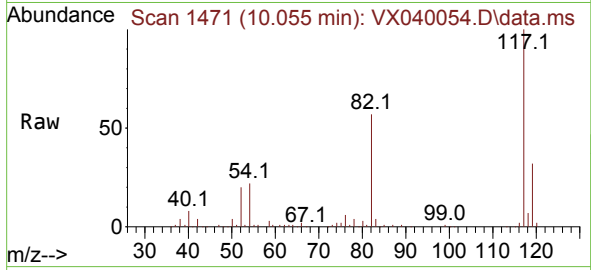




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

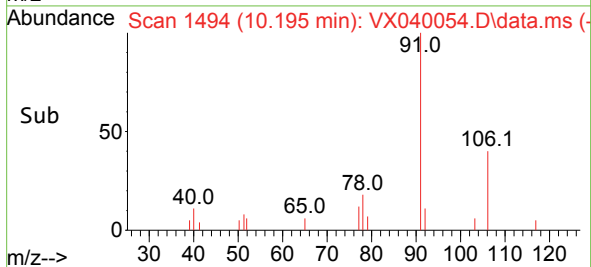
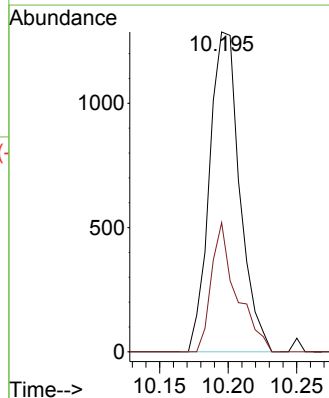
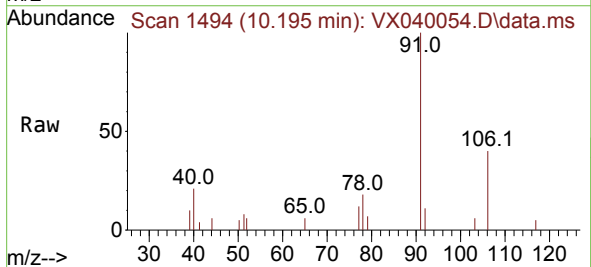
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

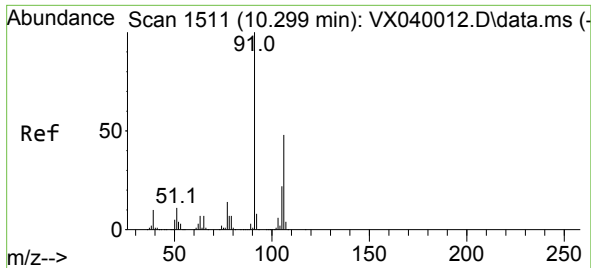
Tgt Ion:117 Resp: 144602
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 0.369 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 91 Resp: 1980
Ion Ratio Lower Upper
91 100
106 40.4 24.9 37.3#

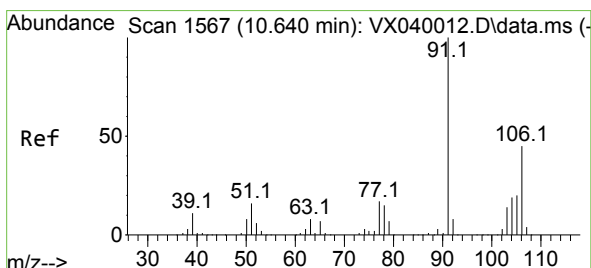
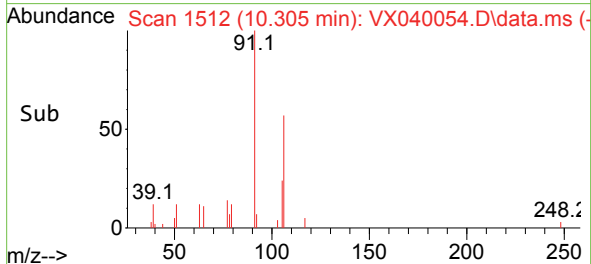
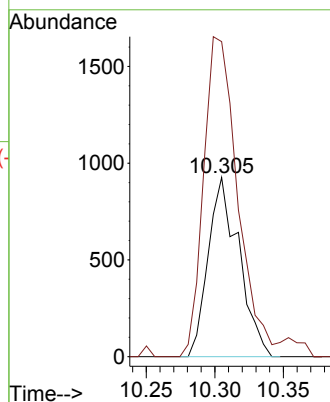
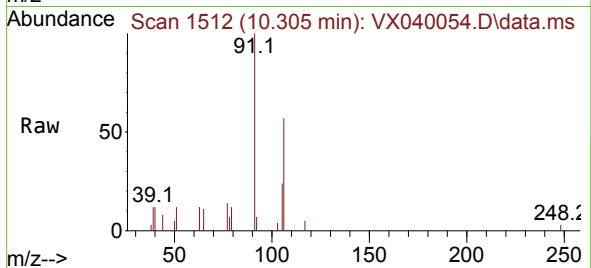




#68
m/p-Xylenes
Concen: 0.715 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

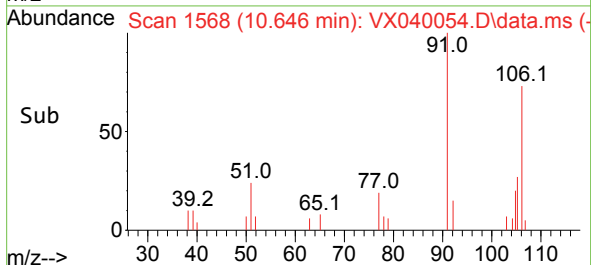
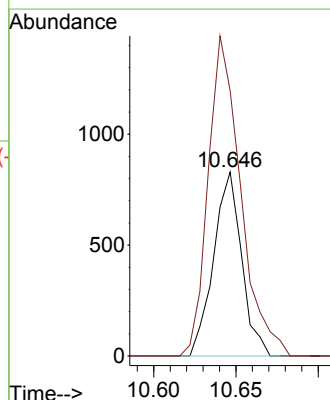
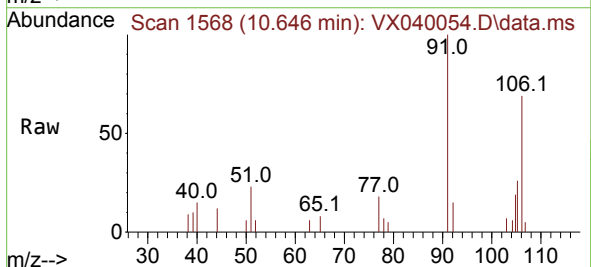
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

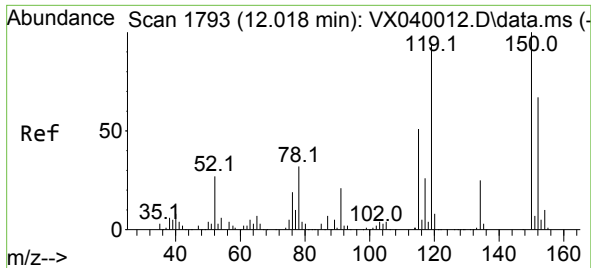
Tgt Ion:106 Resp: 1443
Ion Ratio Lower Upper
106 100
91 199.2 165.5 248.3



#69
o-Xylene
Concen: 0.513 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion:106 Resp: 982
Ion Ratio Lower Upper
106 100
91 201.6 108.9 326.8

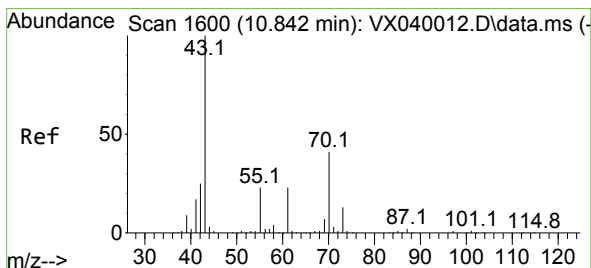
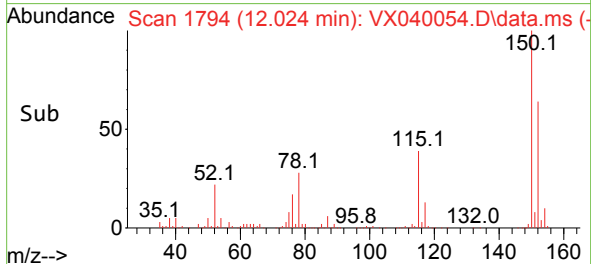
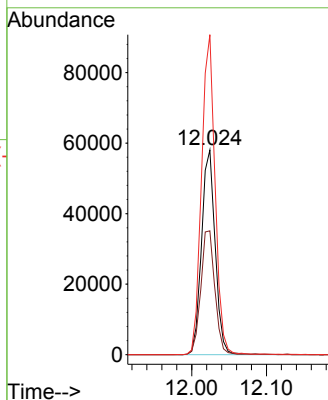
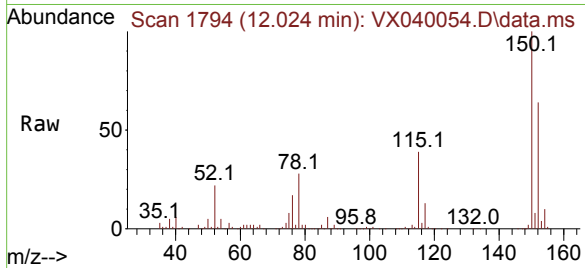




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

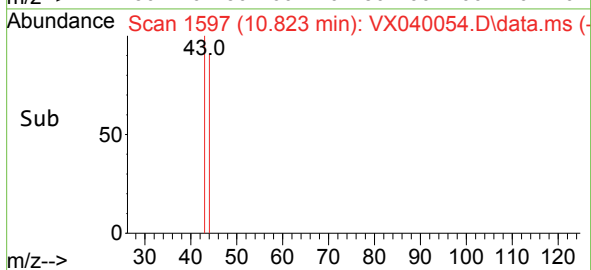
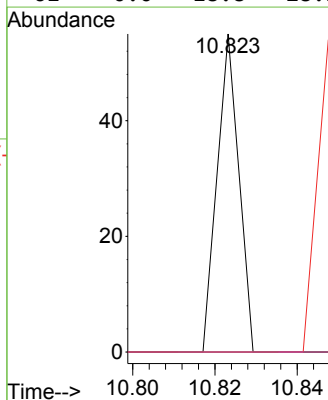
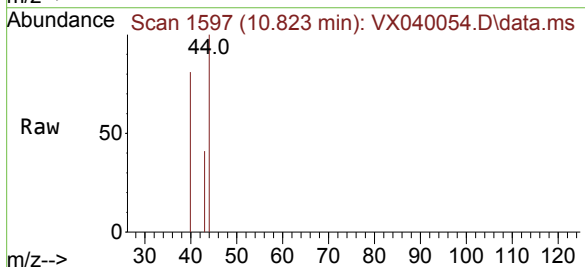
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

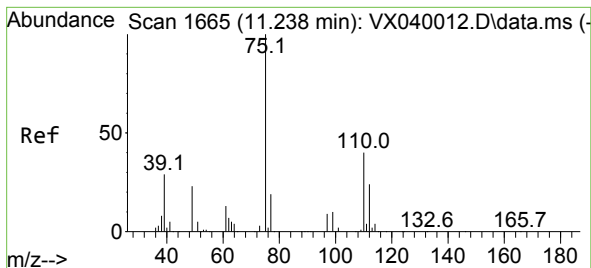
Tgt Ion:152 Resp: 73620
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 155.8 0.0 345.0



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.019 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 24.614 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040054.D

Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

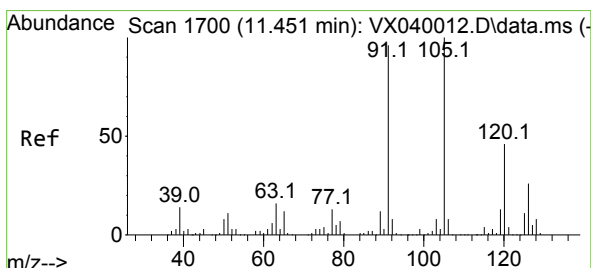
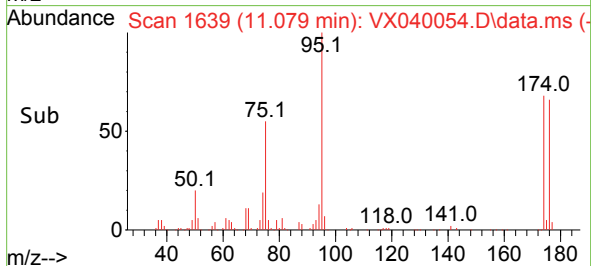
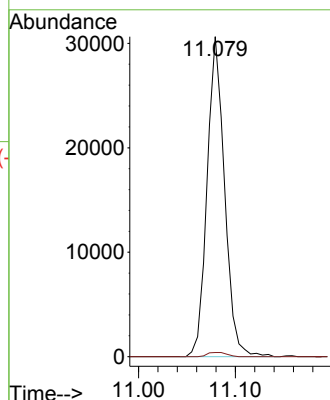
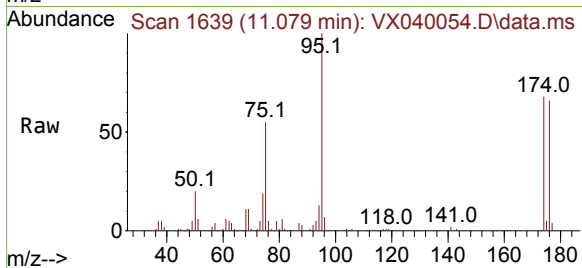
1243-1244

Tgt Ion: 75 Resp: 38589

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.358 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040054.D

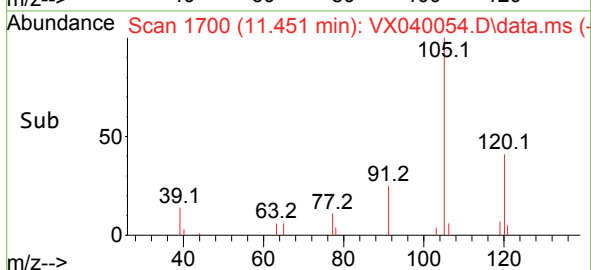
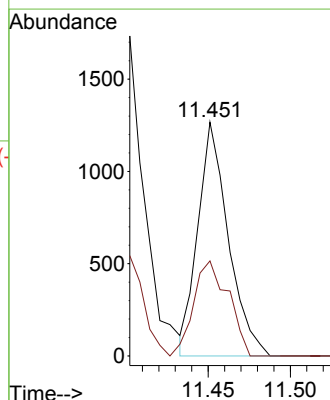
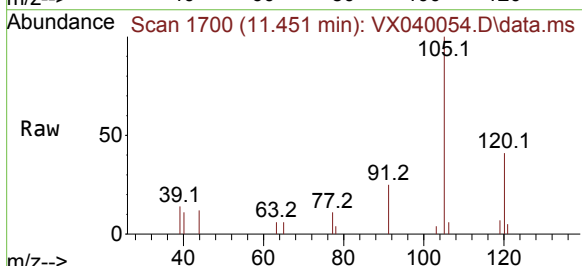
Acq: 31 Jan 2024 17:46

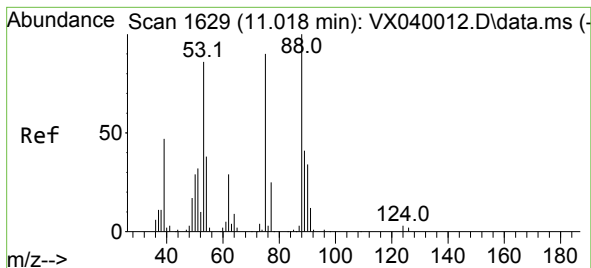
Tgt Ion:105 Resp: 1629

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

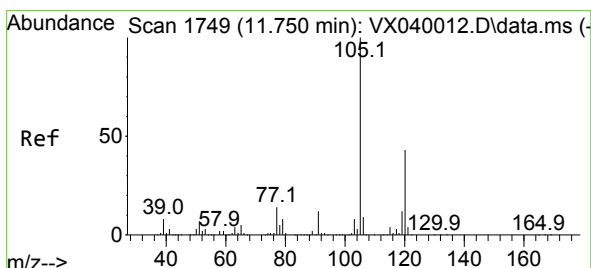
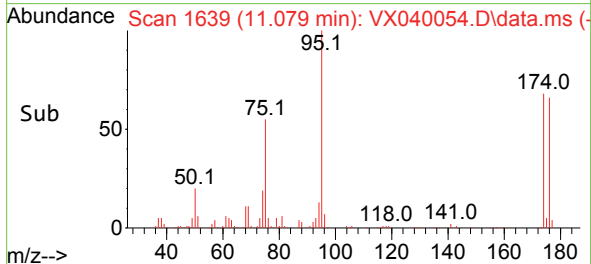
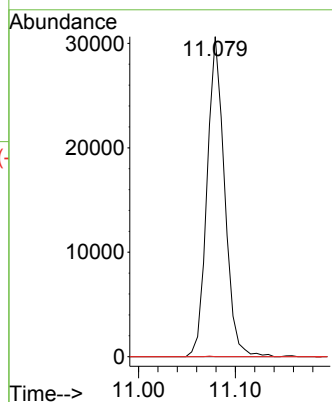
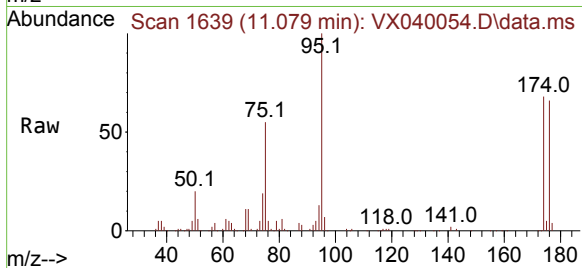




#81
trans-1,4-Dichloro-2-butene
Concen: 72.961 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

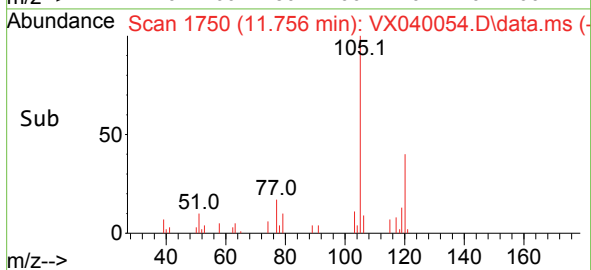
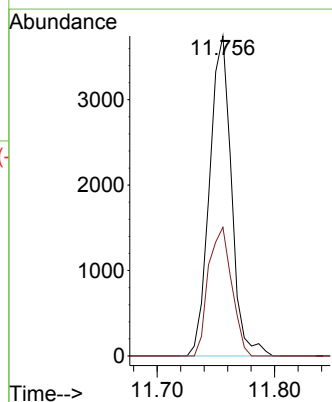
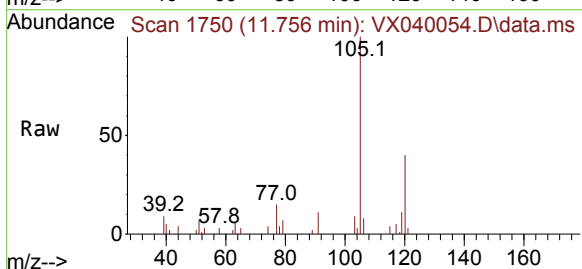
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

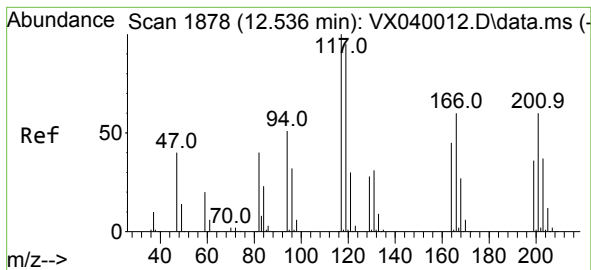
Tgt Ion: 75 Resp: 38589
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.067 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 105 Resp: 4839
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#90

Hexachloroethane

Concen: Below Cal

RT: 12.616 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX040054.D

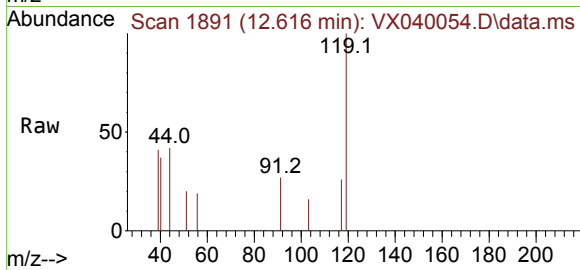
Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

1243-1244



Tgt Ion:117 Resp: 59

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

