

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028237.D
 Acq On : 21 Apr 2022 13:41
 Operator : JC/MD
 Sample : N2459-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31574DL

Quant Time: Apr 22 06:11:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

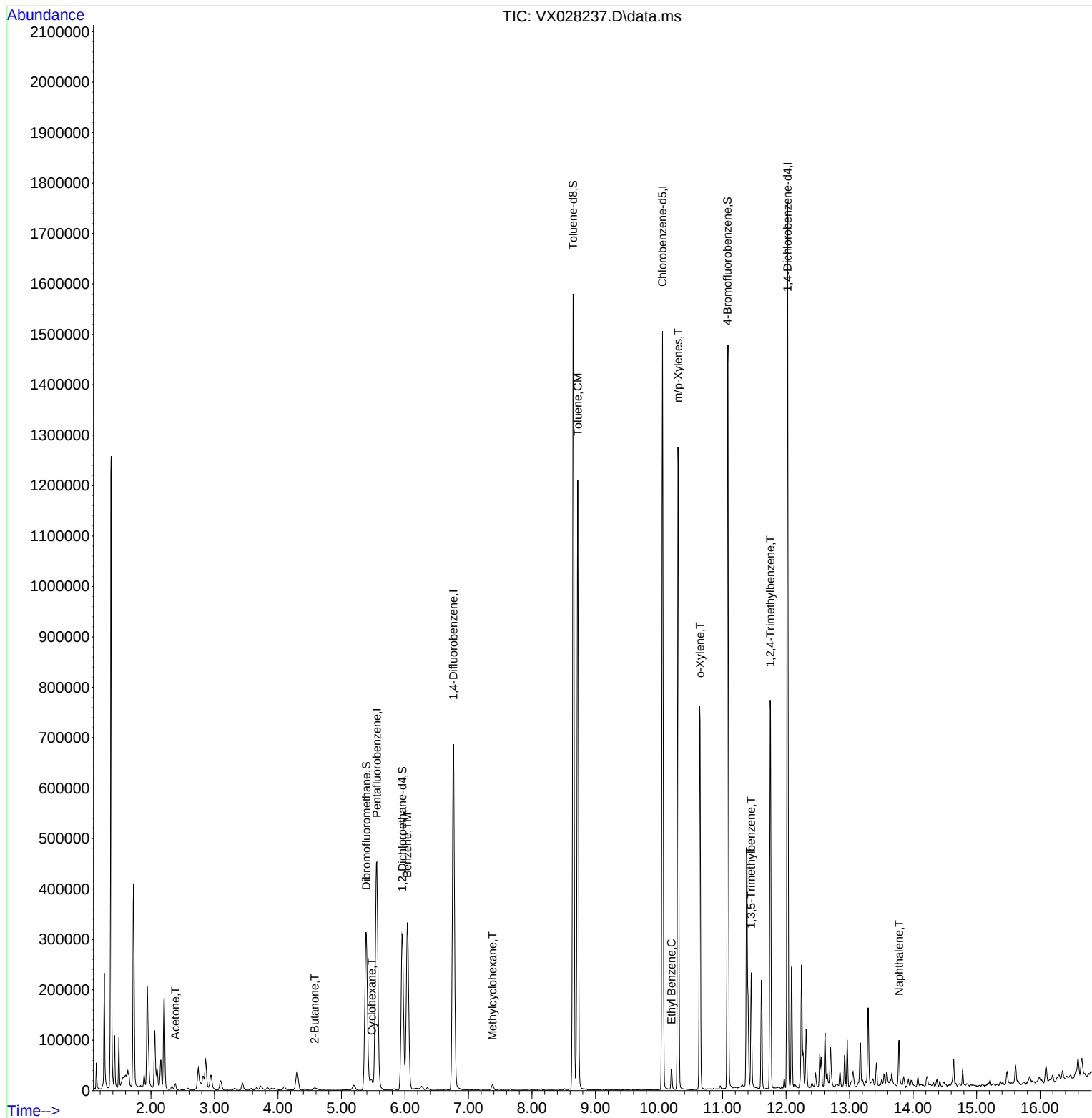
Internal Standards						
1) Pentafluorobenzene	5.556	168	468845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	756892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	712311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	367743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	292361	47.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.640%		
35) Dibromofluoromethane	5.391	113	273911	51.603	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.200%		
50) Toluene-d8	8.647	98	992666	48.691	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	384622	49.341	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.680%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	11951	5.033	ug/l	98
25) 2-Butanone	4.574	43	7007	1.935	ug/l #	89
31) Cyclohexane	5.477	56	12820	1.721	ug/l	91
39) Methylcyclohexane	7.379	83	5511	0.631	ug/l #	91
40) Benzene	6.038	78	424018	20.921	ug/l	98
52) Toluene	8.720	92	474397	33.691	ug/l	99
67) Ethyl Benzene	10.195	91	24187	0.950	ug/l	95
68) m/p-Xylenes	10.299	106	320477	30.921	ug/l	95
69) o-Xylene	10.646	106	177362	17.164	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	98001	4.568	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	354683	16.630	ug/l	96
95) Naphthalene	13.780	128	57137	2.347	ug/l	97

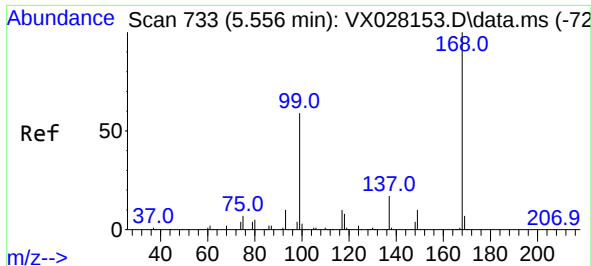
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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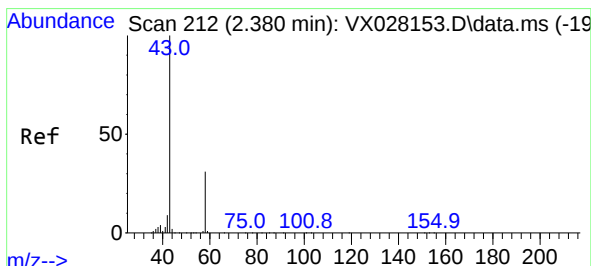
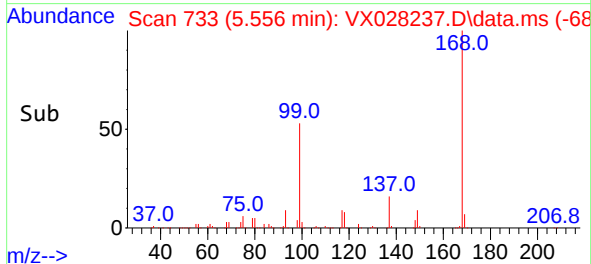
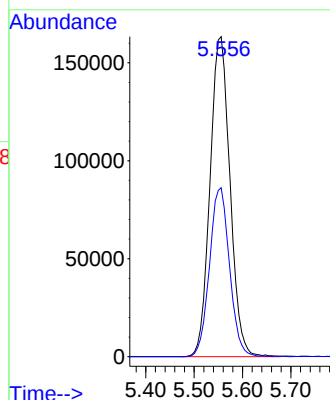
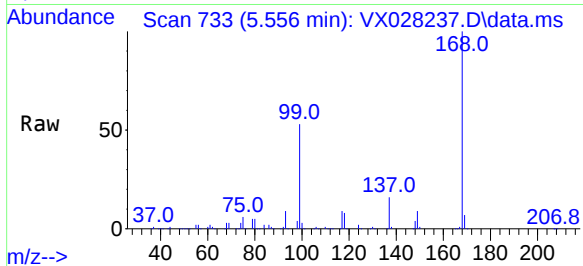




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028237.D
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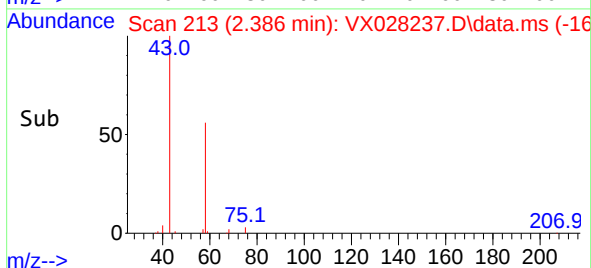
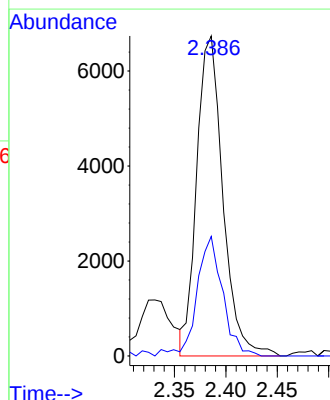
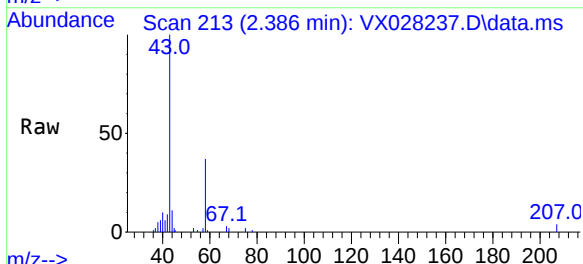
Instrument :
MSVOA_X
ClientSampleId :
31574DL

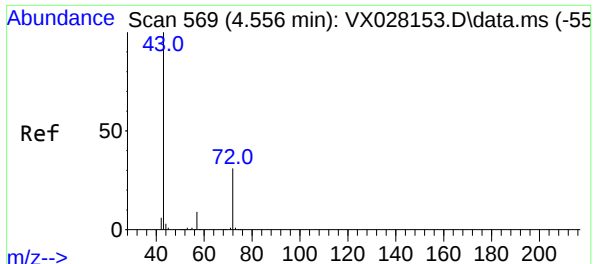
Tgt Ion:168 Resp: 468845
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#16
Acetone
Concen: 5.033 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 43 Resp: 11951
Ion Ratio Lower Upper
43 100
58 37.4 28.8 43.2

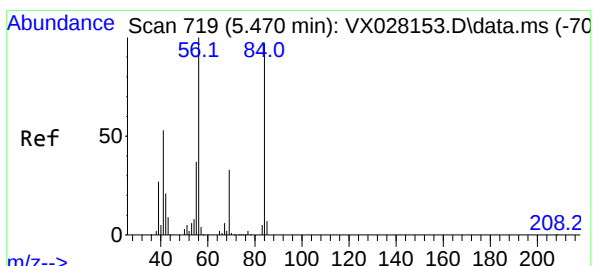
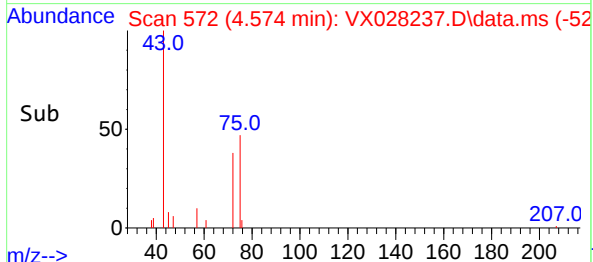
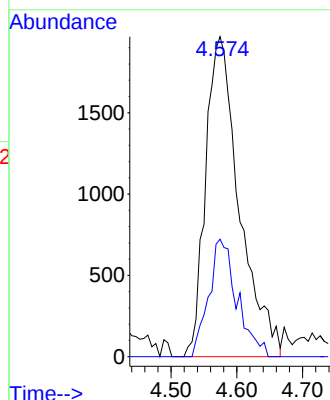
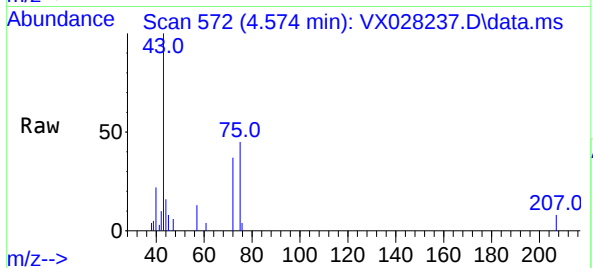




#25
2-Butanone
Concen: 1.935 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

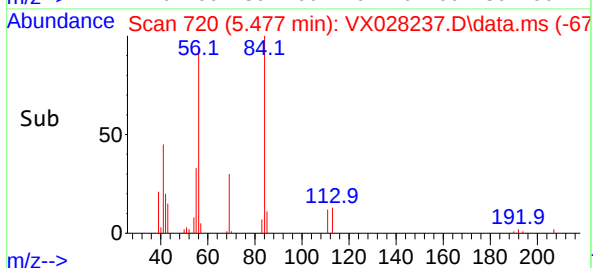
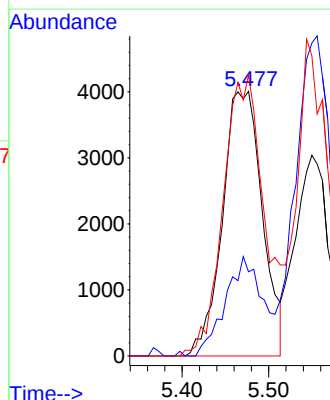
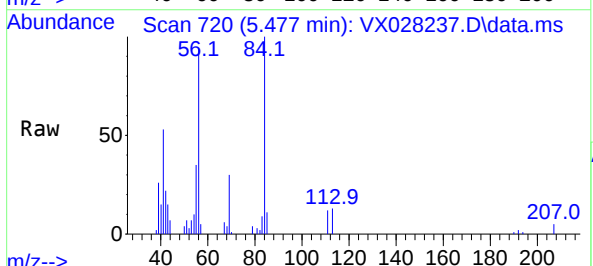
Instrument :
MSVOA_X
ClientSampleId :
31574DL

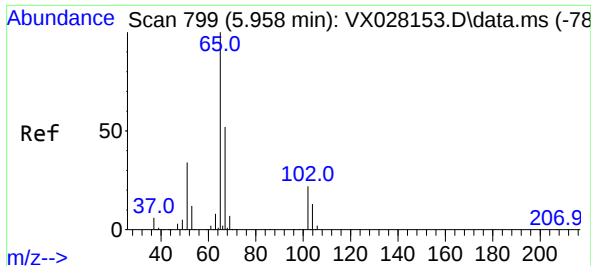
Tgt Ion: 43 Resp: 7007
Ion Ratio Lower Upper
43 100
72 36.7 24.4 36.6#



#31
Cyclohexane
Concen: 1.721 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 56 Resp: 12820
Ion Ratio Lower Upper
56 100
69 30.1 26.7 40.1
84 106.1 77.2 115.8

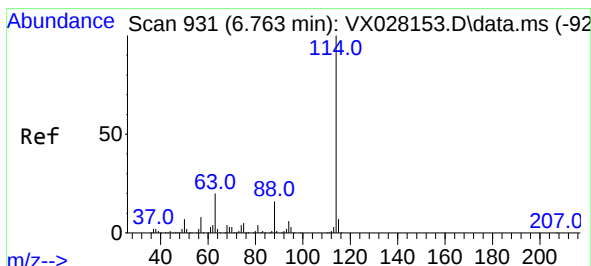
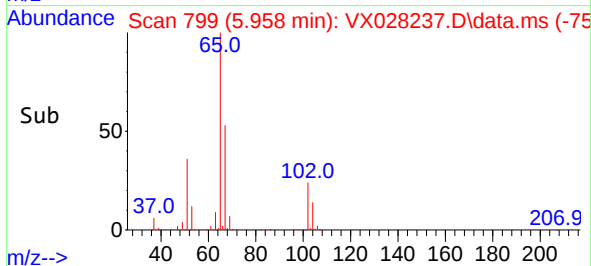
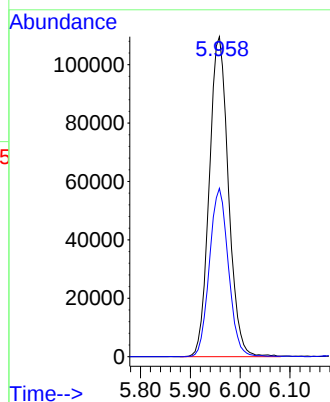
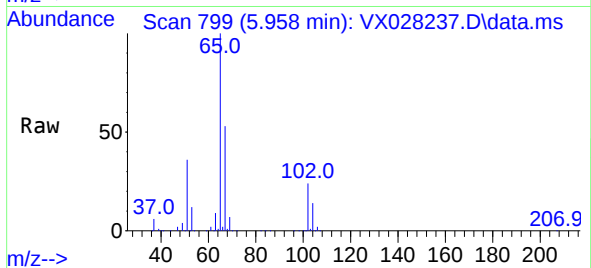




#33
1,2-Dichloroethane-d4
Concen: 47.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

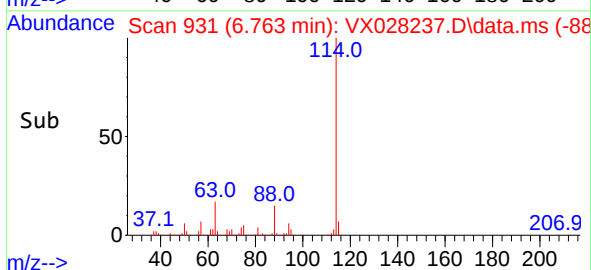
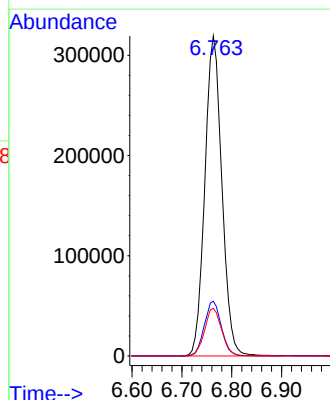
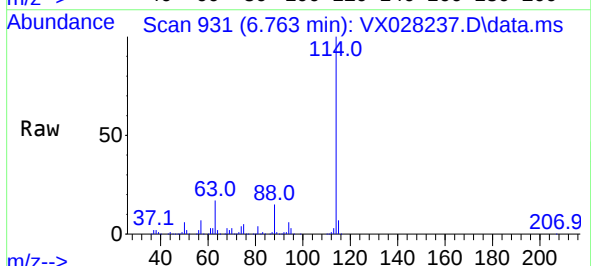
Instrument :
MSVOA_X
ClientSampleId :
31574DL

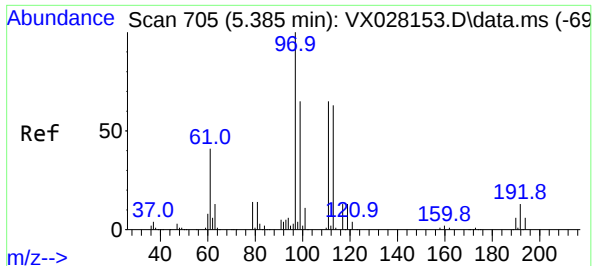
Tgt Ion: 65 Resp: 292361
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 114 Resp: 756892
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 14.9 0.0 32.4

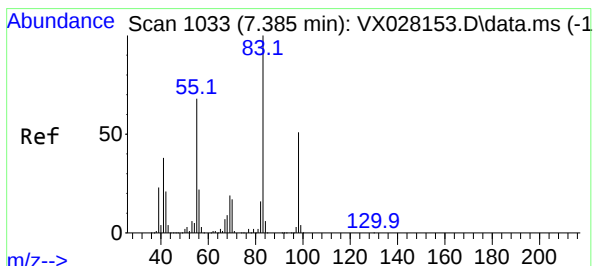
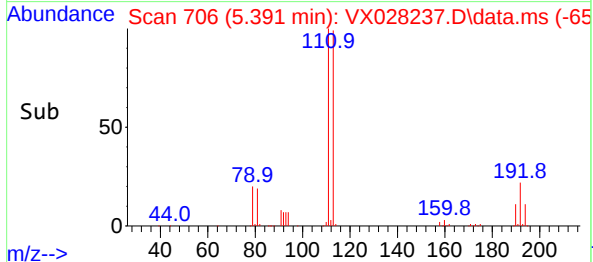
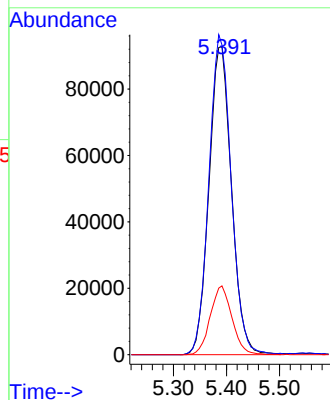
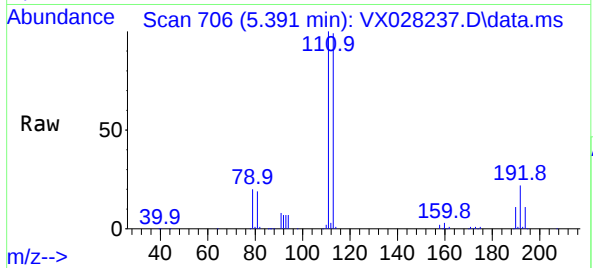




#35
Dibromofluoromethane
Concen: 51.603 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

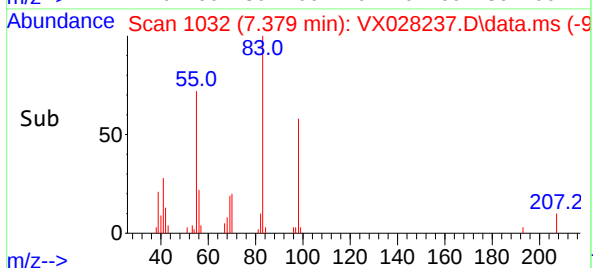
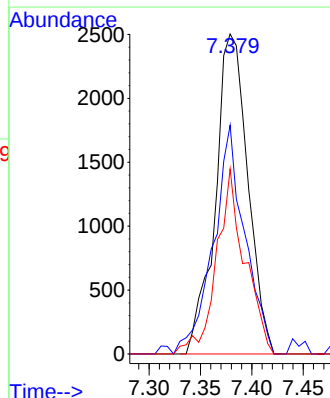
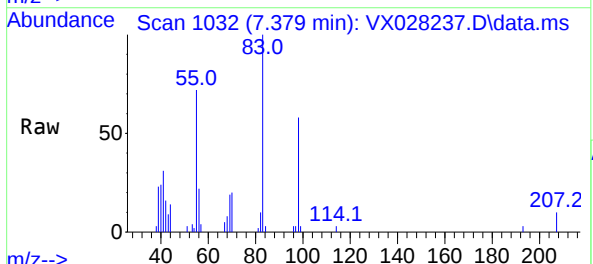
Instrument :
MSVOA_X
ClientSampleId :
31574DL

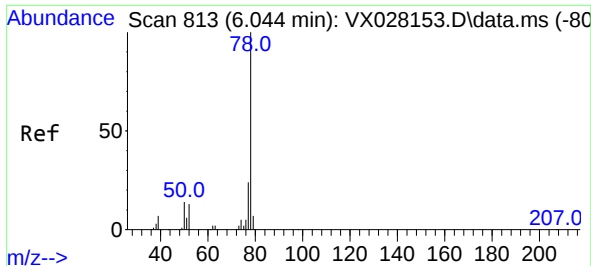
Tgt Ion:113 Resp: 273911
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.5 16.9 25.3



#39
Methylcyclohexane
Concen: 0.631 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 83 Resp: 5511
Ion Ratio Lower Upper
83 100
55 71.5 54.6 81.8
98 57.9 37.4 56.2#

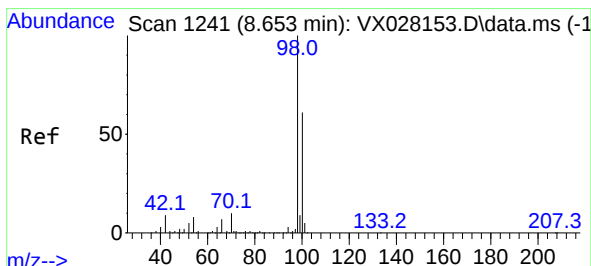
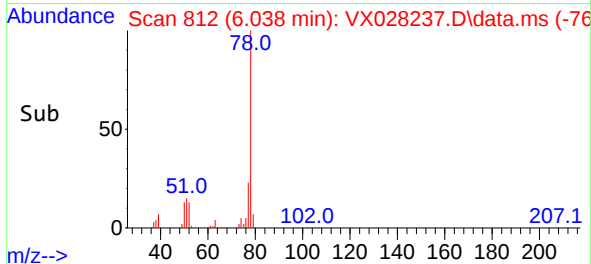
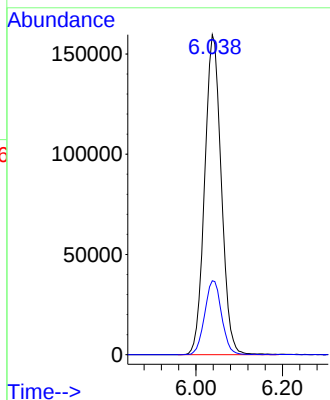
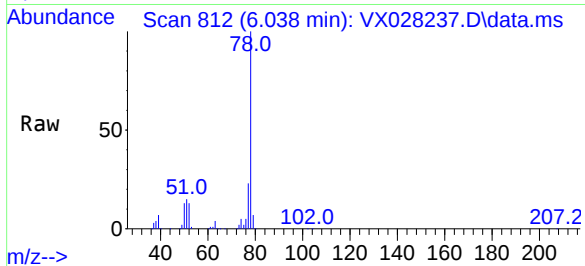




#40
Benzene
Concen: 20.921 ug/l
RT: 6.038 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

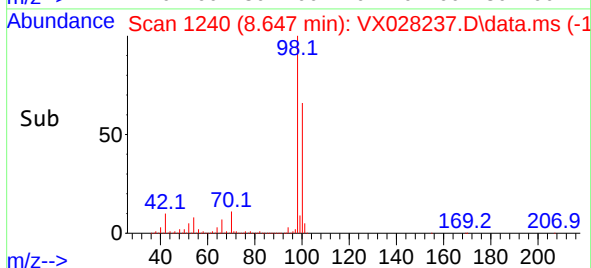
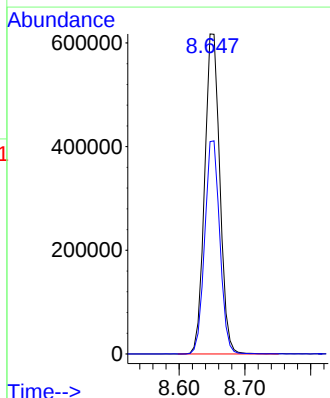
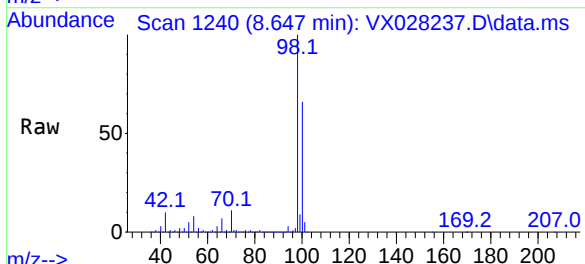
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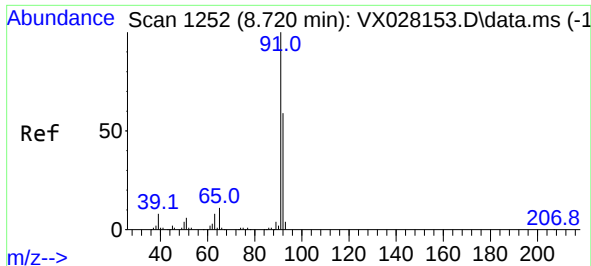
Tgt Ion: 78 Resp: 424018
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



#50
Toluene-d8
Concen: 48.691 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 98 Resp: 992666
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

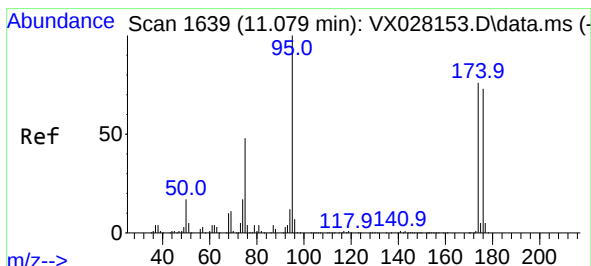
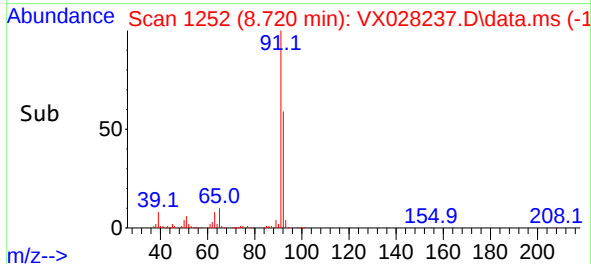
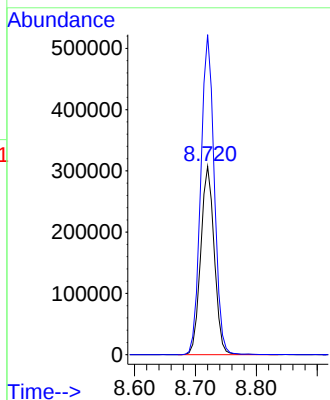
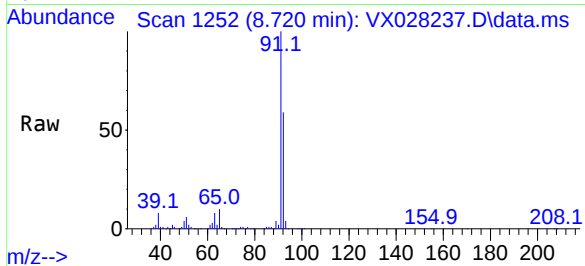




#52
Toluene
Concen: 33.691 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

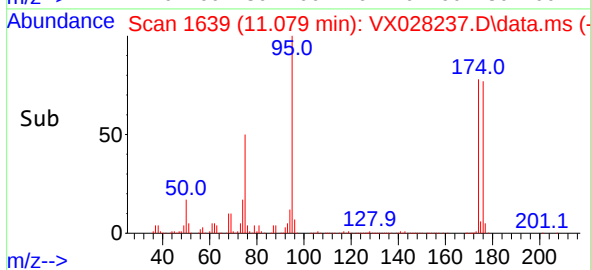
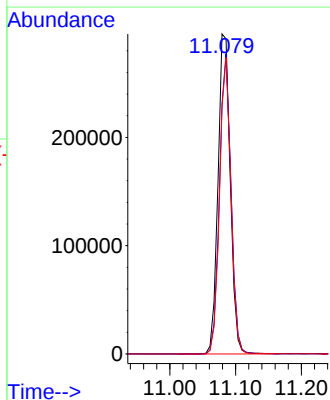
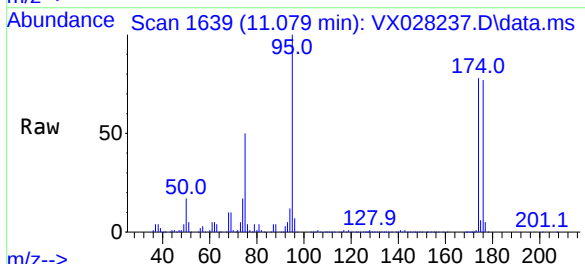
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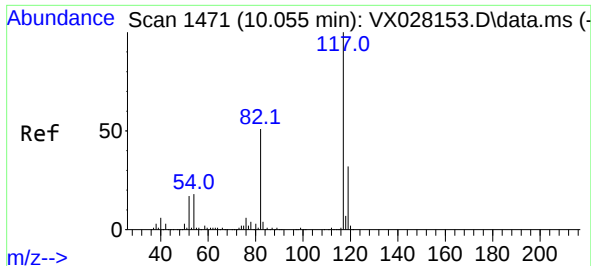
Tgt Ion: 92 Resp: 474397
Ion Ratio Lower Upper
92 100
91 169.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 49.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 95 Resp: 384622
Ion Ratio Lower Upper
95 100
174 88.4 0.0 163.0
176 86.0 0.0 155.0

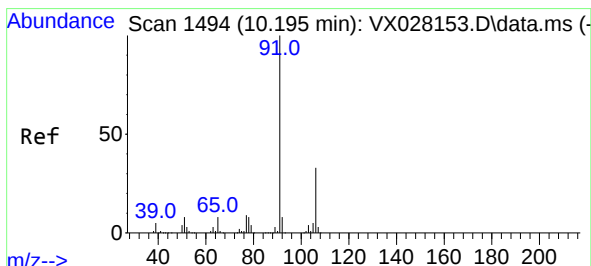
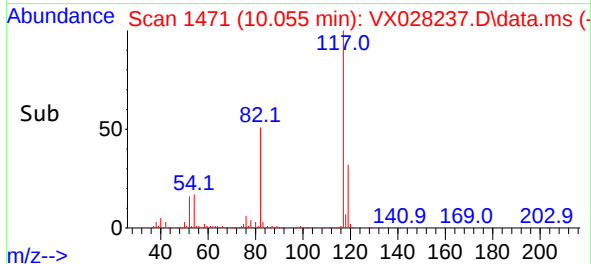
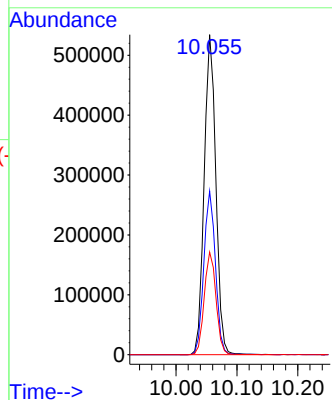
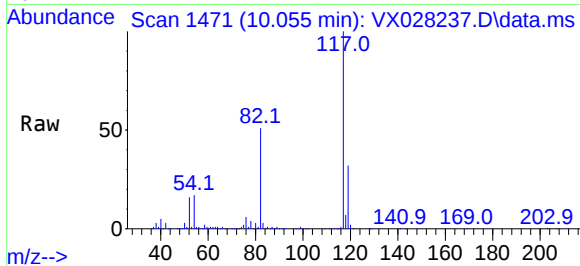




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

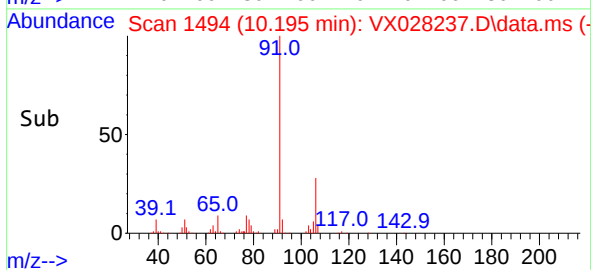
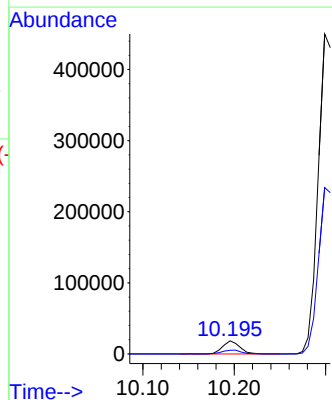
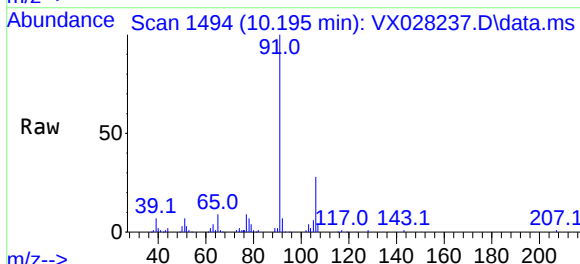
Instrument :
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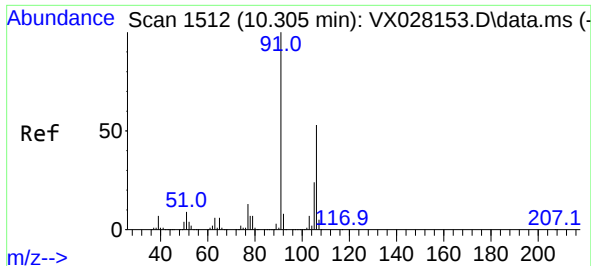
Tgt Ion:117 Resp: 712311
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.1 24.8 37.2



#67
Ethyl Benzene
Concen: 0.950 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion: 91 Resp: 24187
Ion Ratio Lower Upper
91 100
106 28.2 24.6 36.8

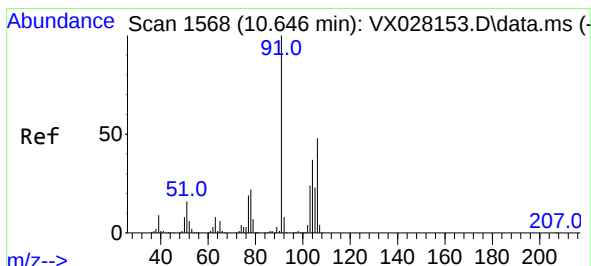
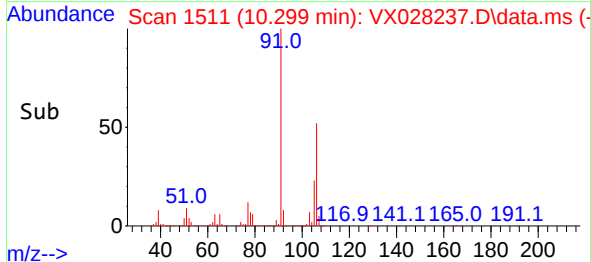
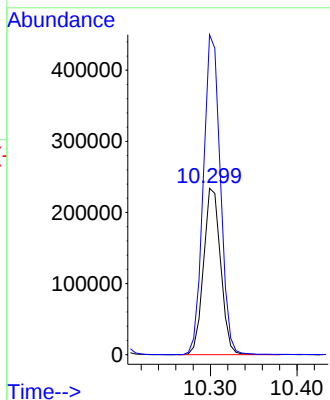
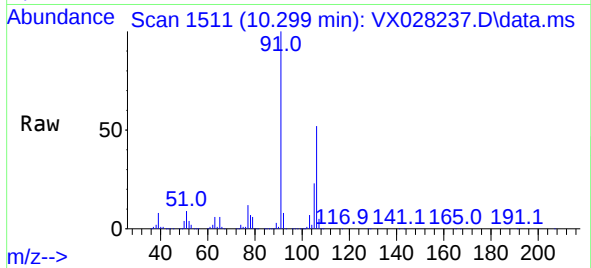




#68
m/p-Xylenes
Concen: 30.921 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

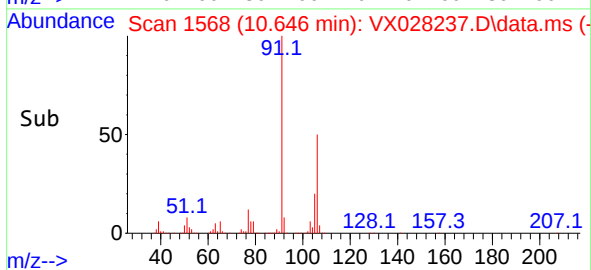
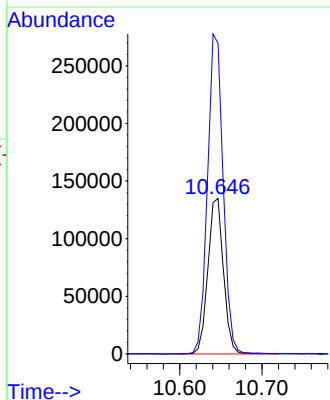
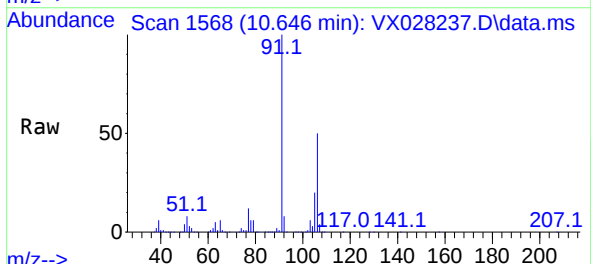
Instrument :
MSVOA_X
ClientSampleId :
31574DL

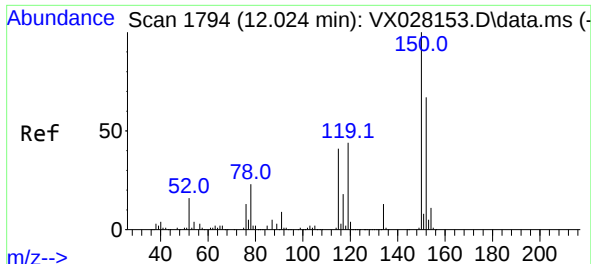
Tgt Ion:106 Resp: 320477
Ion Ratio Lower Upper
106 100
91 192.3 160.4 240.6



#69
o-Xylene
Concen: 17.164 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion:106 Resp: 177362
Ion Ratio Lower Upper
106 100
91 206.7 106.1 318.1

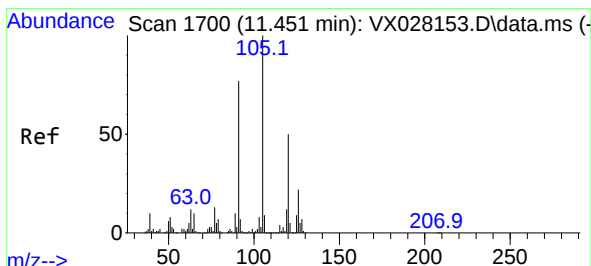
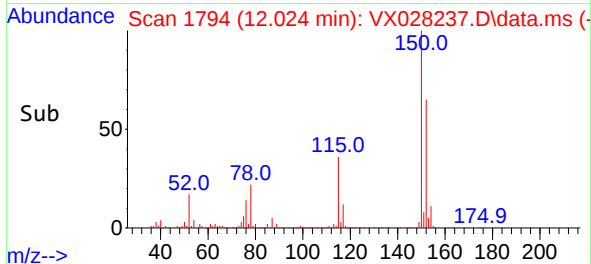
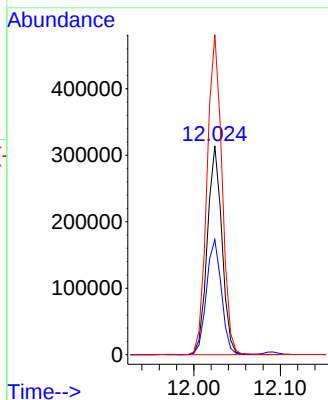
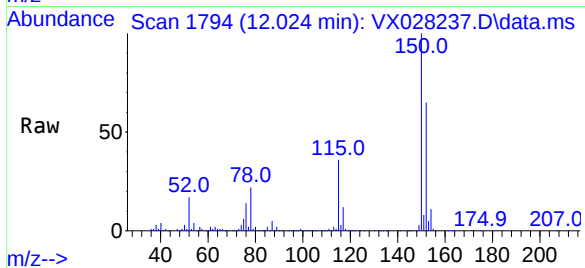




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX028237.D
 Acq: 21 Apr 2022 13:41

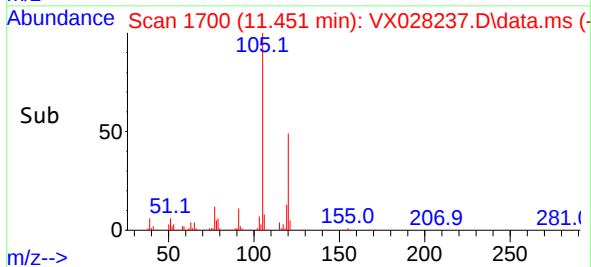
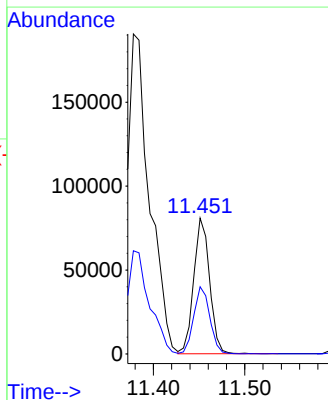
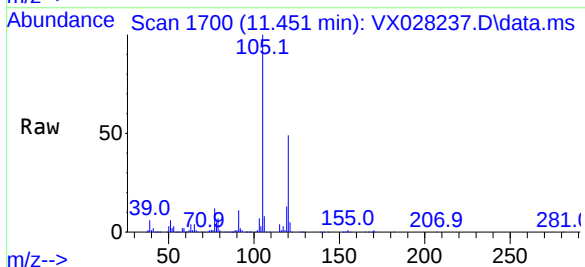
Instrument :
 MSVOA_X
 ClientSampleId :
 31574DL

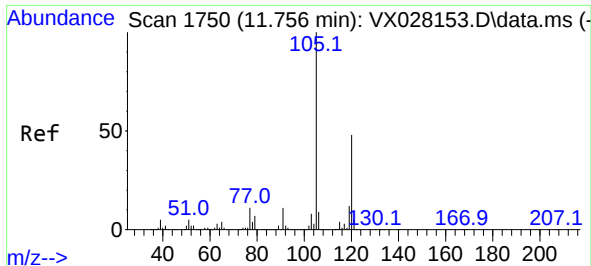
Tgt Ion:152 Resp: 367743
 Ion Ratio Lower Upper
 152 100
 115 56.4 37.5 112.7
 150 157.2 0.0 338.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.568 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX028237.D
 Acq: 21 Apr 2022 13:41

Tgt Ion:105 Resp: 98001
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.3 72.9

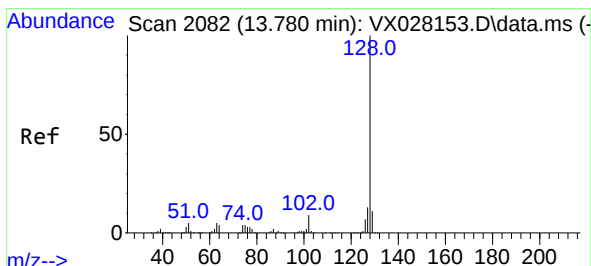
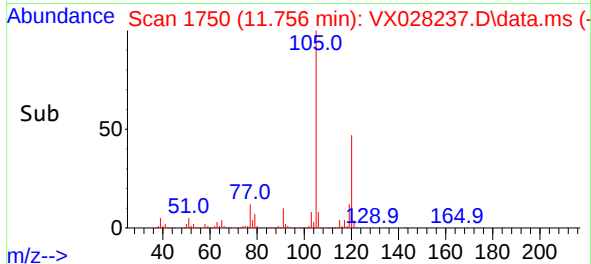
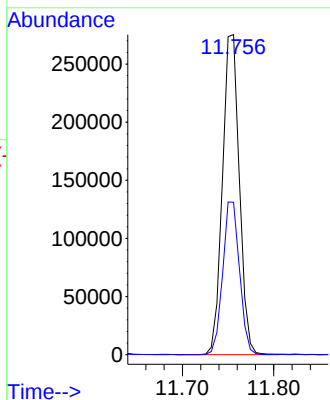
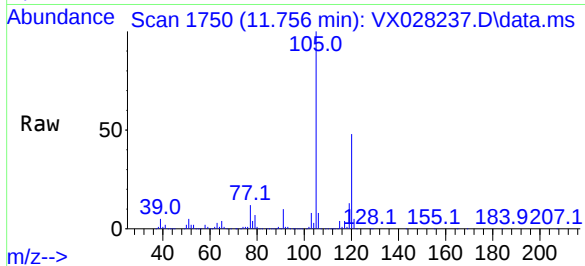




#84
1,2,4-Trimethylbenzene
Concen: 16.630 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
31574DL

Tgt Ion:105 Resp: 354683
Ion Ratio Lower Upper
105 100
120 47.6 22.6 67.8



#95
Naphthalene
Concen: 2.347 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX028237.D
Acq: 21 Apr 2022 13:41

Tgt Ion:128 Resp: 57137
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.5 8.7 13.1

