

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022157.D
 Acq On : 24 May 2021 18:57
 Operator : JC/MD
 Sample : M2504-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103

Manual Integrations
 APPROVED

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Quant Time: May 25 02:09:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	126817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	60412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55539	51.22	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.44%			
35) Dibromofluoromethane	5.397	113	44043	48.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.24%			
50) Toluene-d8	8.653	98	178517	51.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.085	95	67538	52.36	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.72%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	8088	17.13	ug/l #	87
25) 2-Butanone	4.574	43	7679	10.05	ug/l	93
31) Cyclohexane	5.483	56	187720	137.76	ug/l #	92
39) Methylcyclohexane	7.385	83	185232	123.65	ug/l	91
40) Benzene	6.050	78	1158330	285.01	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	127190	80.17	ug/l	89
52) Toluene	8.726	92	113168	43.97	ug/l	100
59) 2-Hexanone	9.439	43	28540	23.92	ug/l	95
64) Tetrachloroethene	9.275	164	1247	1.50	ug/l #	87
67) Ethyl Benzene	10.208	91	11265343	2319.67	ug/l #	74
68) m/p-Xylenes	10.323	106	6930987	3776.28	ug/l	78
69) o-Xylene	10.646	106	109211	61.18	ug/l	100
73) Isopropylbenzene	10.970	105	874815	171.09	ug/l	100
78) n-propylbenzene	11.311	91	1747554	291.80	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	3638690	858.64	ug/l	100
83) tert-Butylbenzene	11.719	119	21519m	5.29	ug/l	
84) 1,2,4-Trimethylbenzene	11.768	105	9518353	2231.45	ug/l	89
85) sec-Butylbenzene	11.896	105	49583m	9.60	ug/l	
86) p-Isopropyltoluene	12.018	119	27916m	6.40	ug/l	
95) Naphthalene	13.780	128	3953466	836.75	ug/l	98

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

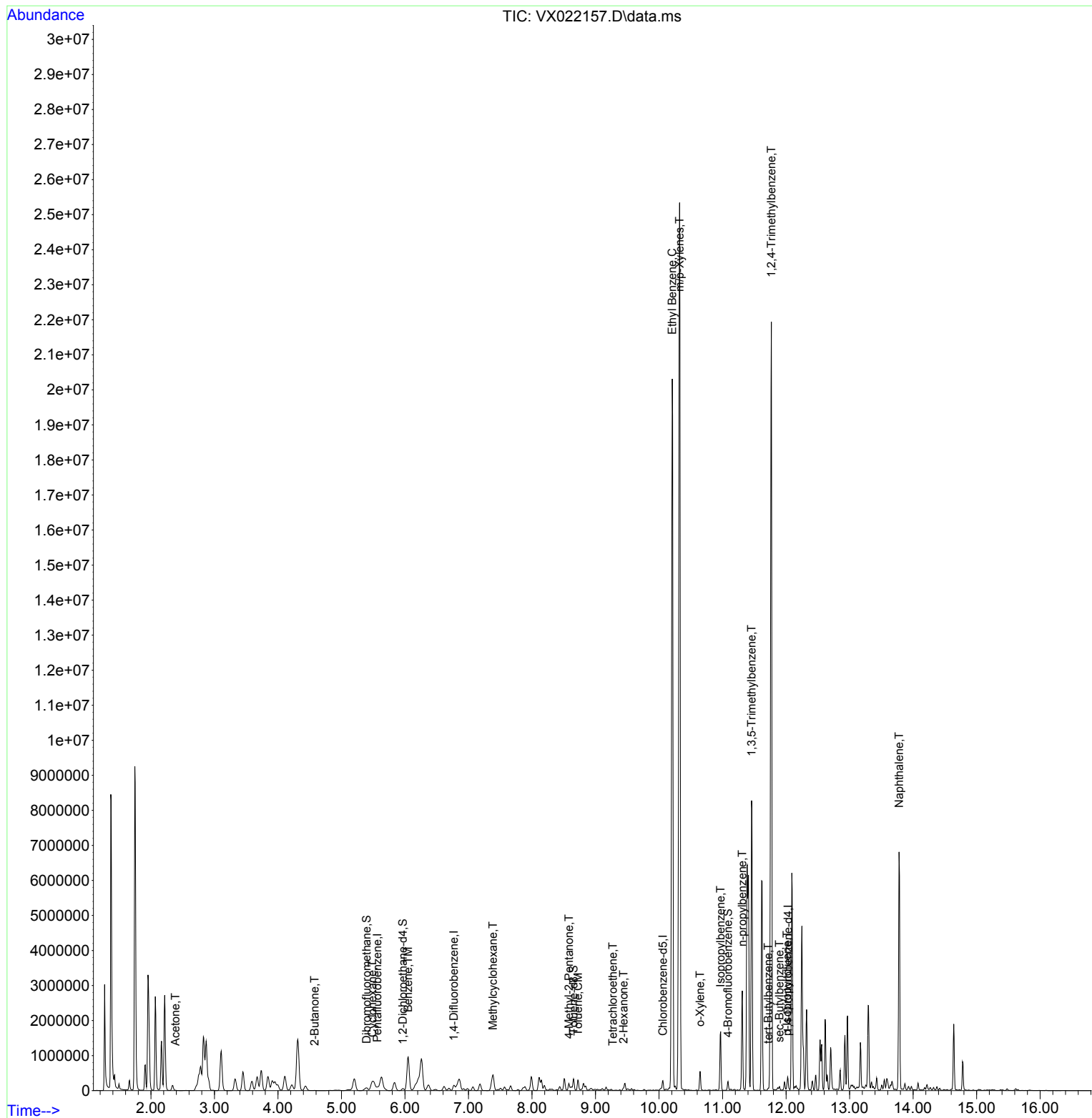
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
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ALS Vial : 18 Sample Multiplier: 1

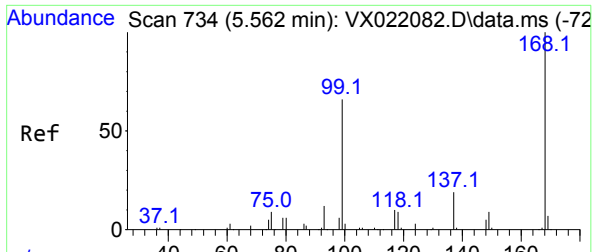
Instrument :
MSVOA_X
ClientSampleId :
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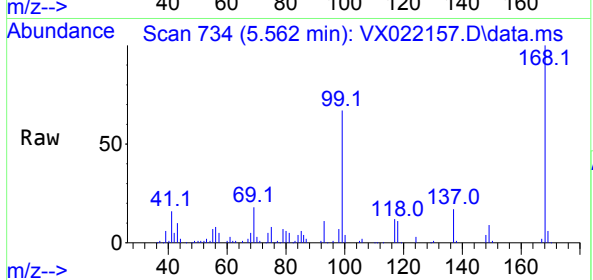
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Quant Time: May 25 02:09:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

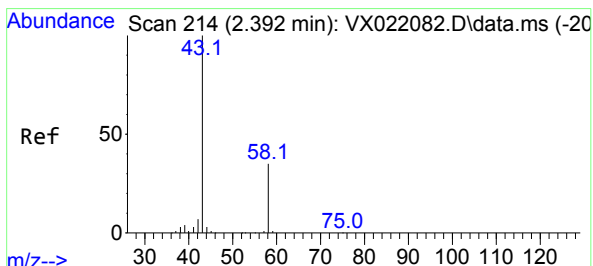
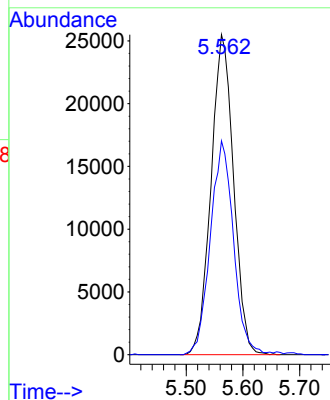
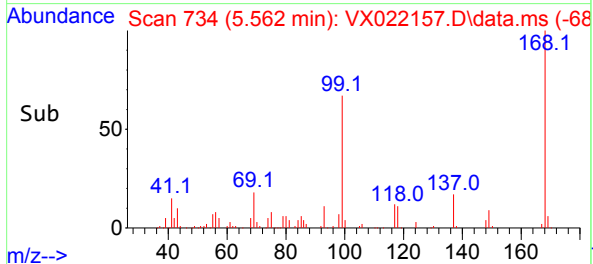




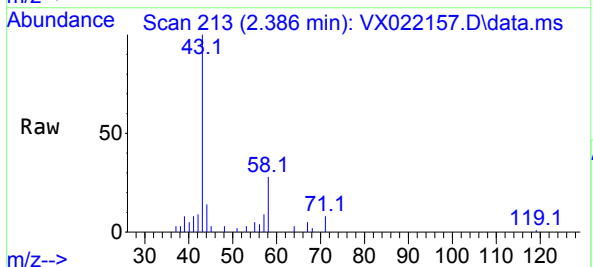
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



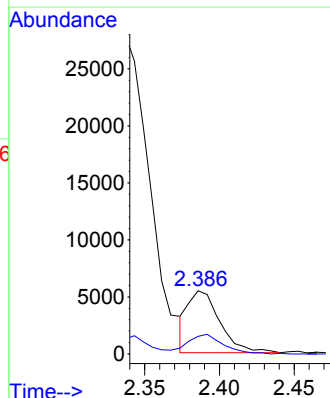
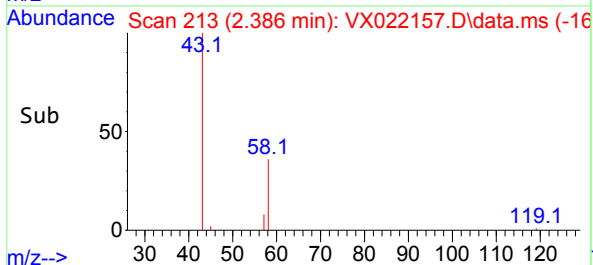
Tgt Ion:168 Resp: 70297
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6



#16
Acetone
Concen: 17.13 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



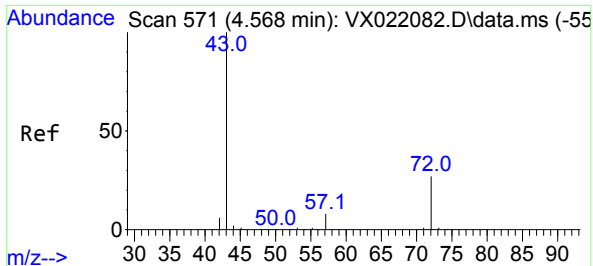
Tgt Ion: 43 Resp: 8088
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



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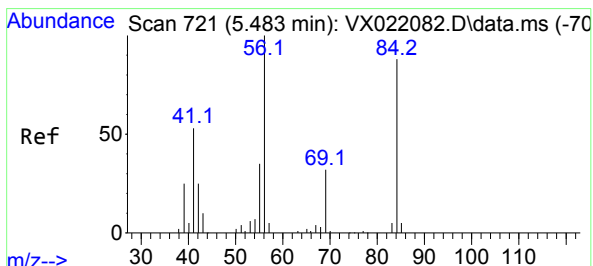
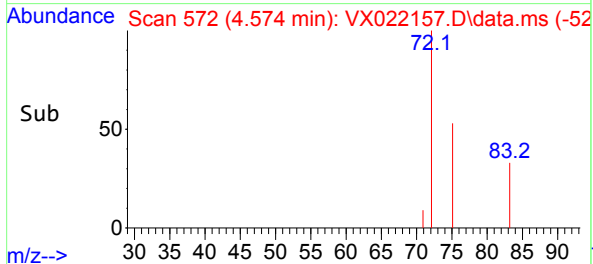
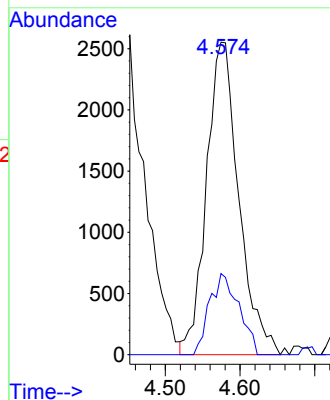
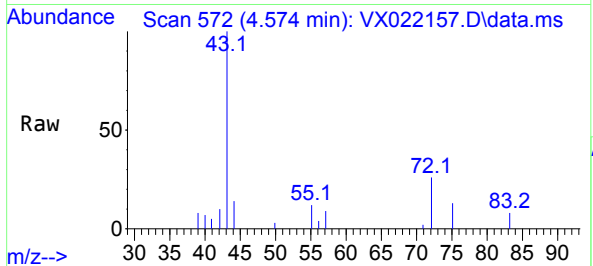
#25
2-Butanone
Concen: 10.05 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022157.D
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Tgt Ion: 43 Resp: 7679
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5

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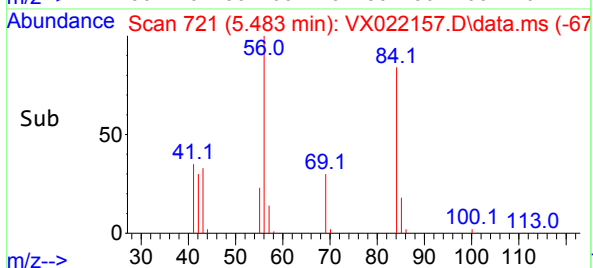
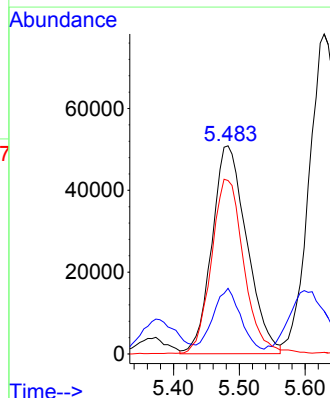
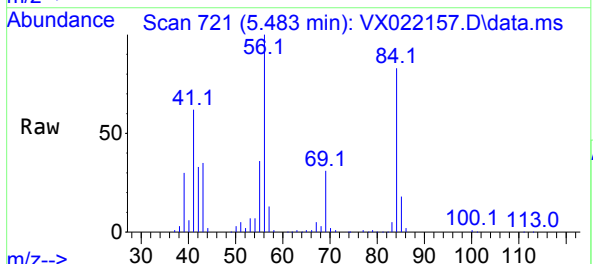
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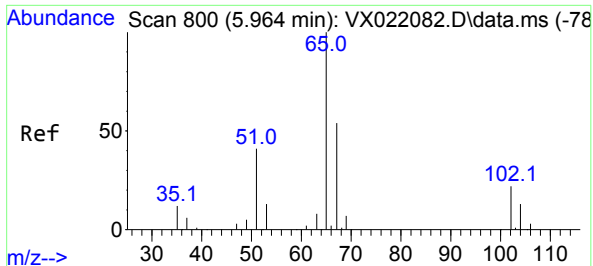
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#31
Cyclohexane
Concen: 137.76 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX022157.D
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Tgt Ion: 56 Resp: 187720
Ion Ratio Lower Upper
56 100
69 23.2 25.3 37.9#
84 84.2 71.4 107.0





#33

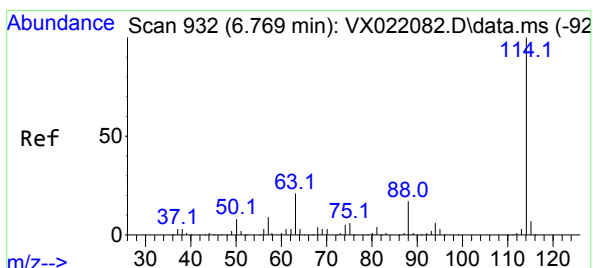
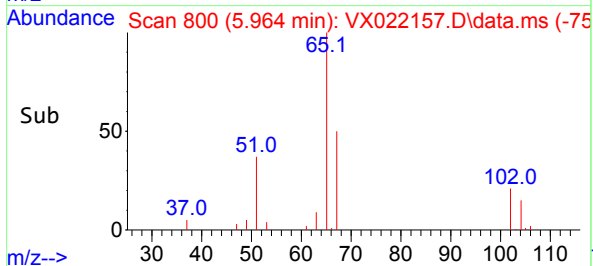
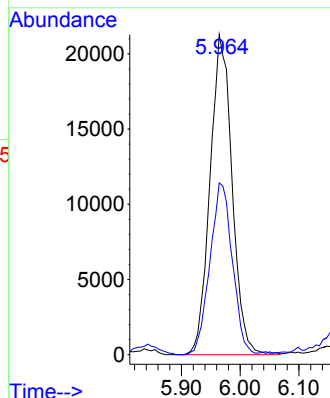
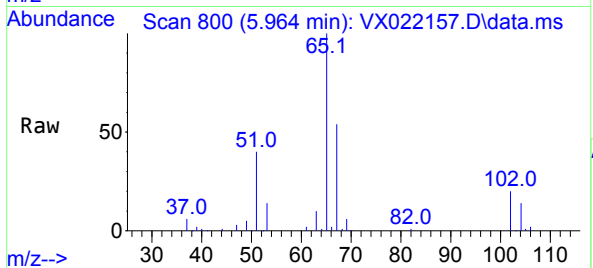
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 65 Resp: 55539
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4

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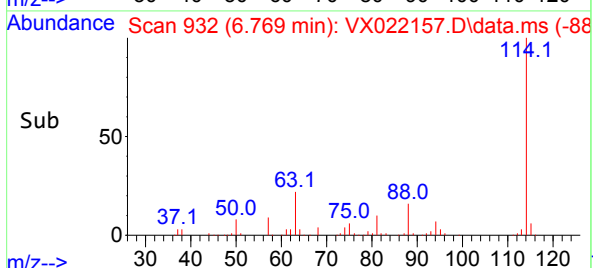
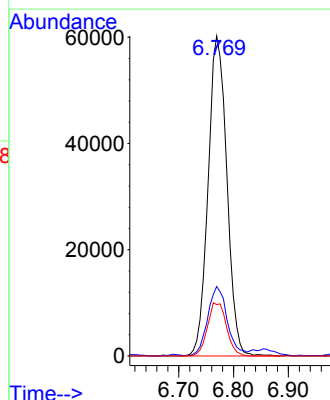
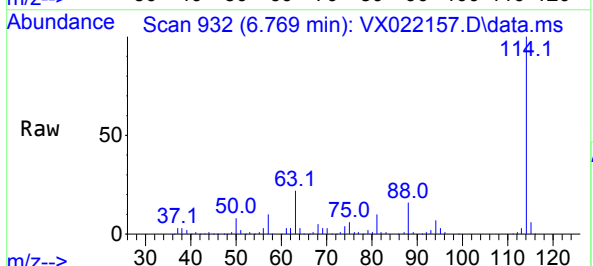
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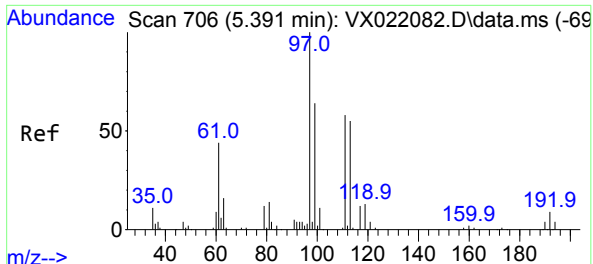


#34

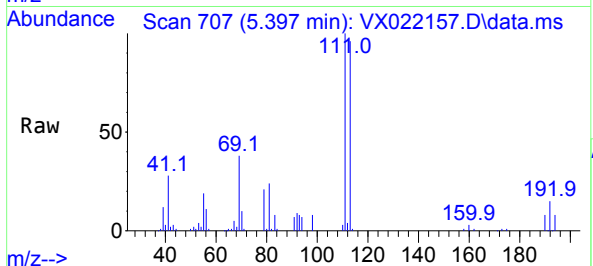
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 114 Resp: 142844
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.1 0.0 32.8

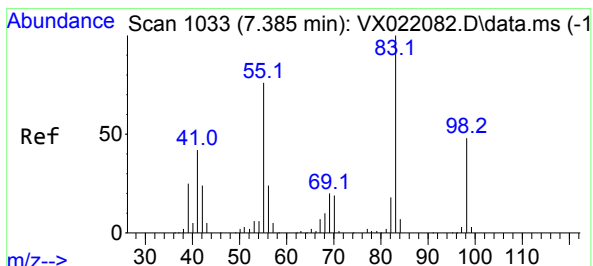
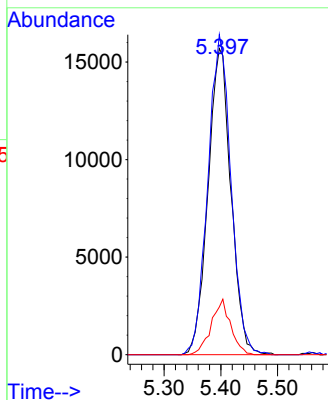
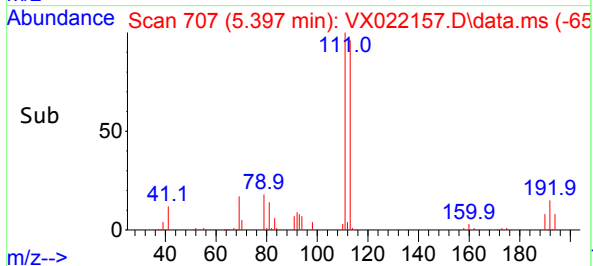




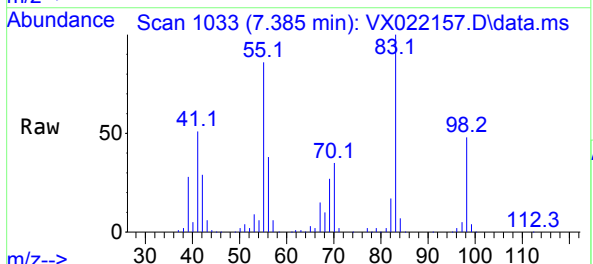
#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



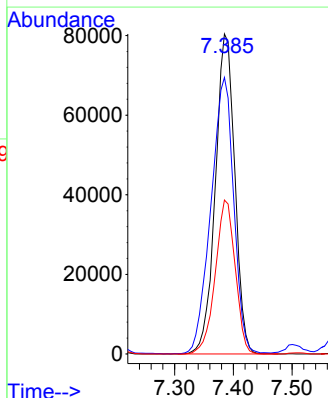
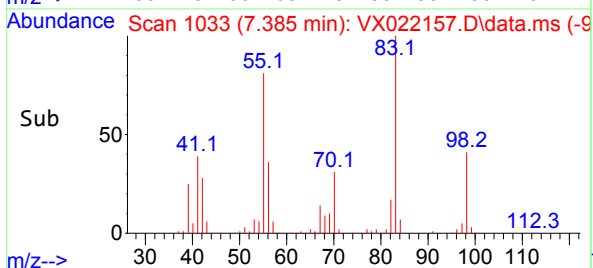
Tgt Ion:113 Resp: 44043
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 15.3 16.7 25.1#



#39
Methylcyclohexane
Concen: 123.65 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



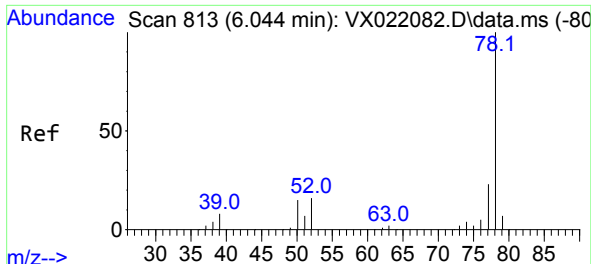
Tgt Ion: 83 Resp: 185232
Ion Ratio Lower Upper
83 100
55 86.3 58.9 88.3
98 48.1 38.1 57.1



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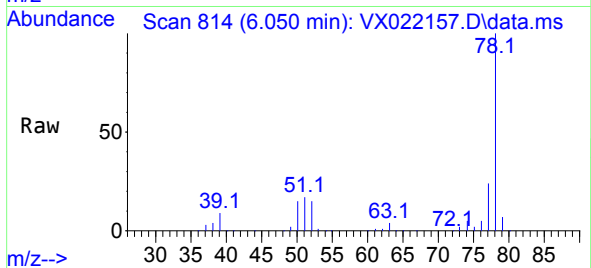
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#40
Benzene
Concen: 285.01 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

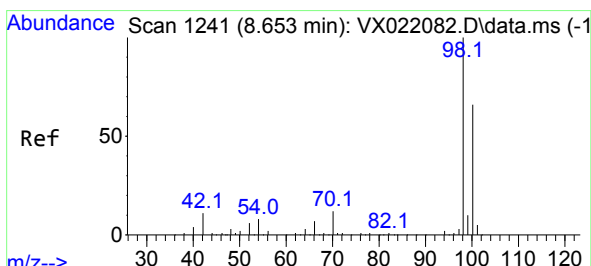
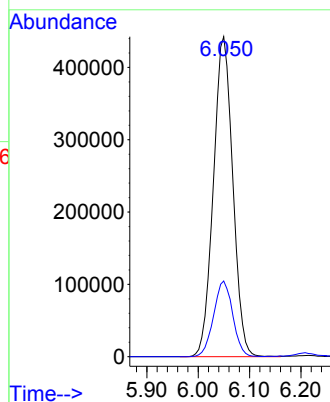
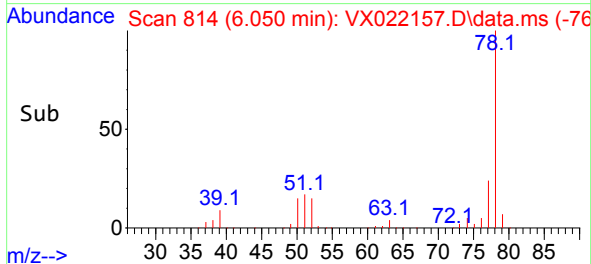
Instrument :
MSVOA_X
ClientSampled :
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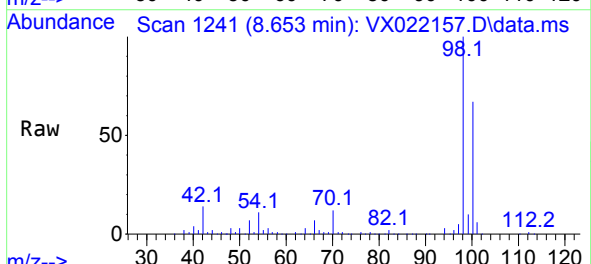
Tgt Ion: 78 Resp: 1158330
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

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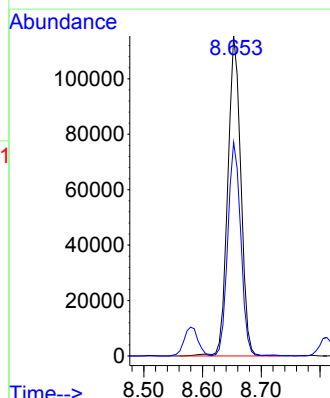
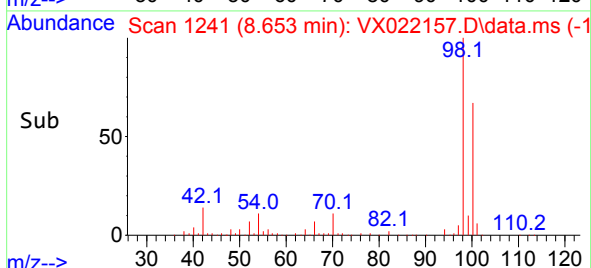
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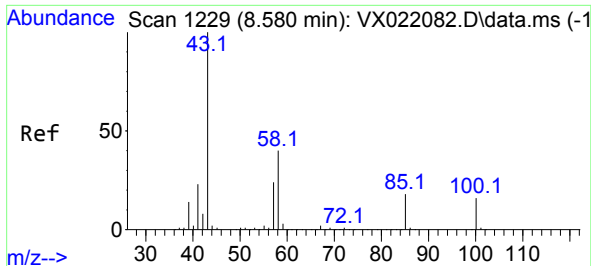


#50
Toluene-d8
Concen: 51.16 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



Tgt Ion: 98 Resp: 178517
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9





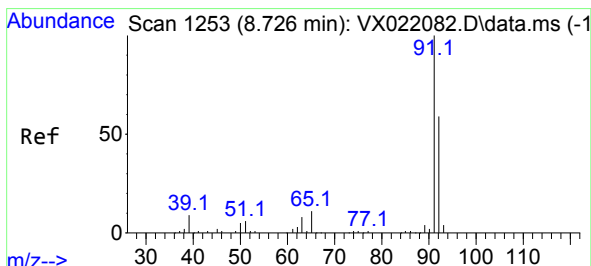
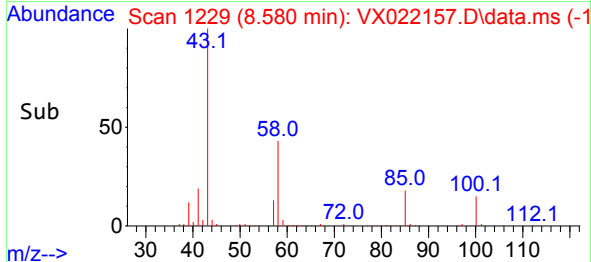
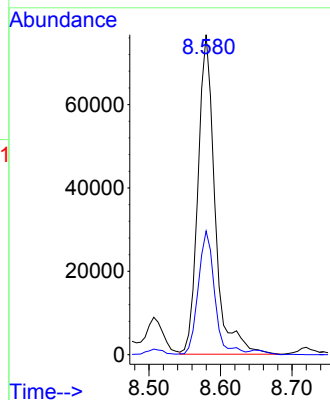
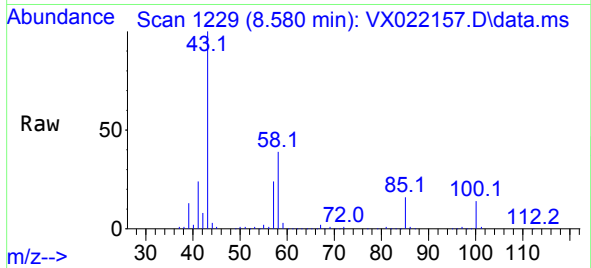
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4-Methyl-2-Pentanone
Concen: 80.17 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 43 Resp: 127190
Ion Ratio Lower Upper
43 100
58 37.0 35.4 53.0

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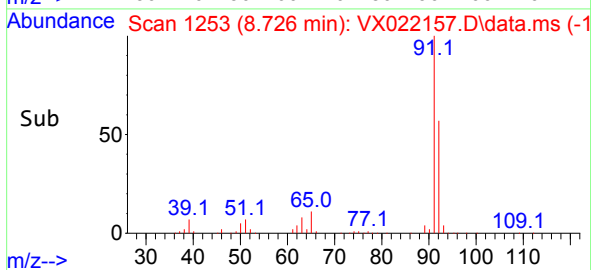
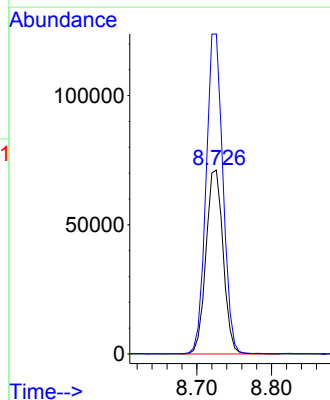
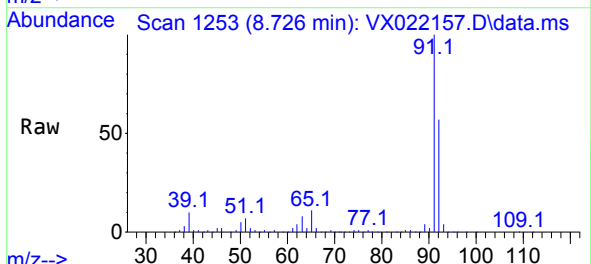
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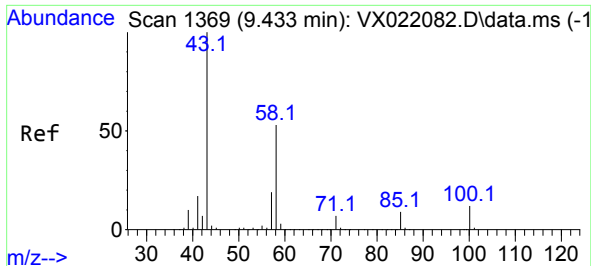
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#52
Toluene
Concen: 43.97 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 92 Resp: 113168
Ion Ratio Lower Upper
92 100
91 171.3 137.1 205.7





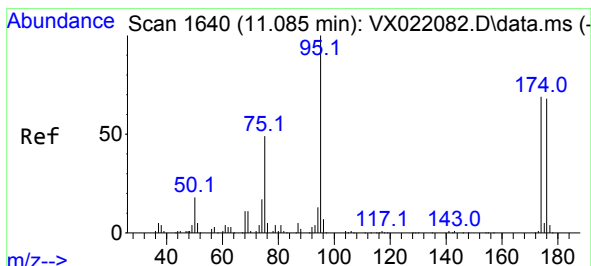
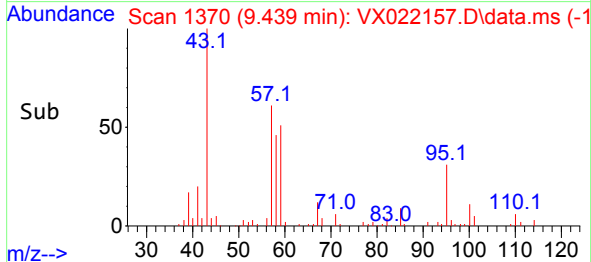
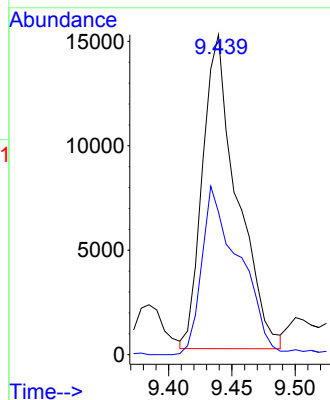
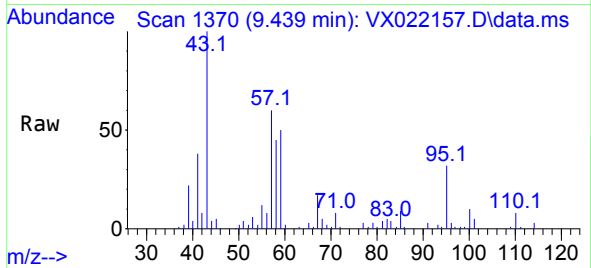
#59
2-Hexanone
Concen: 23.92 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 43 Resp: 28540
Ion Ratio Lower Upper
43 100
58 58.2 30.9 92.8

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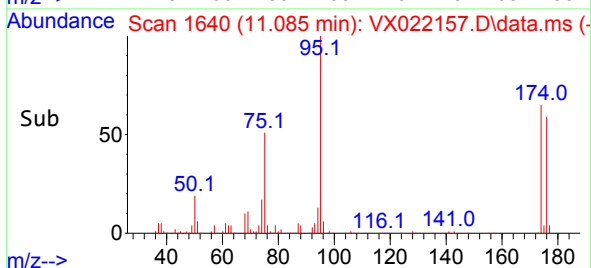
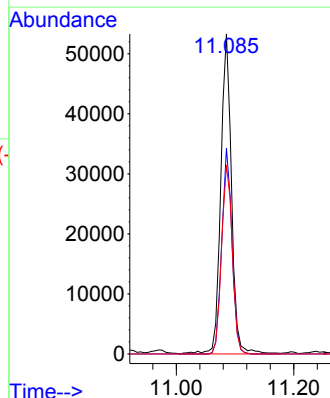
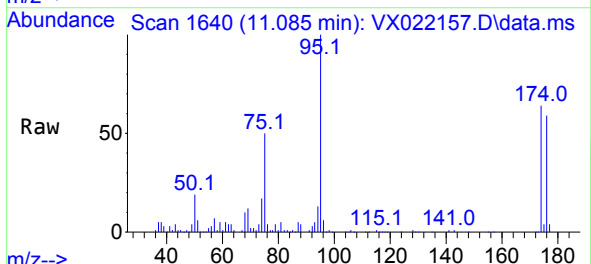
Manual Integrations
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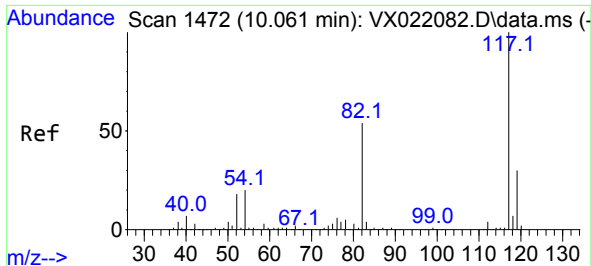
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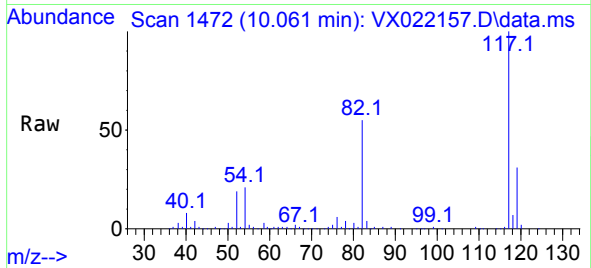
#62
4-Bromofluorobenzene
Concen: 52.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 95 Resp: 67538
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.5 0.0 155.8

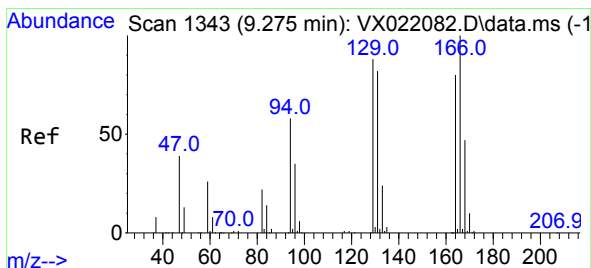
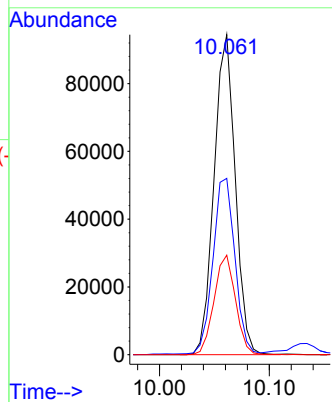
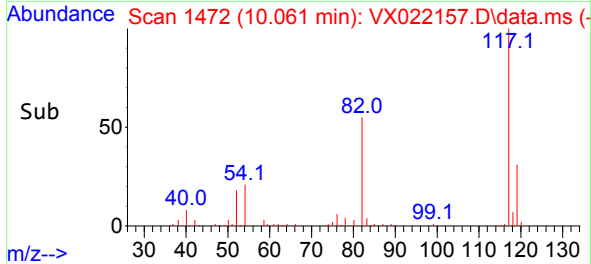




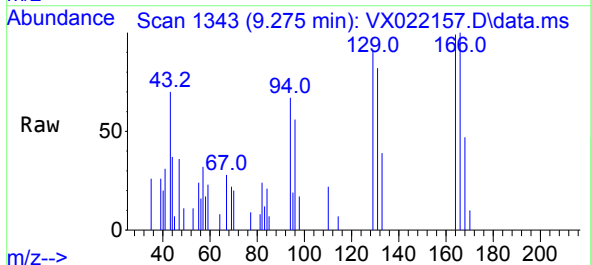
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



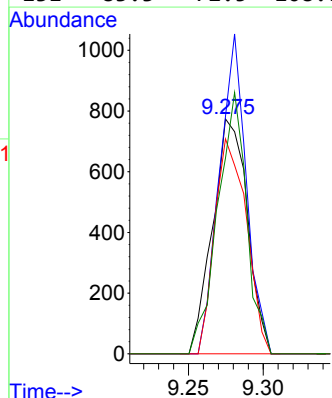
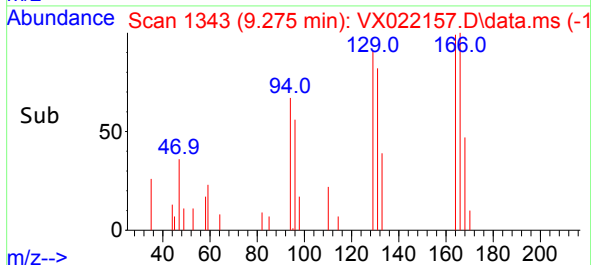
Tgt Ion:117 Resp: 126817
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.50 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



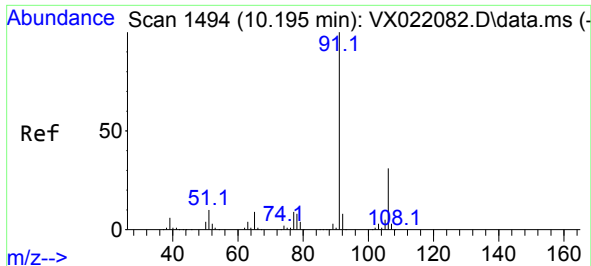
Tgt Ion:164 Resp: 1247
Ion Ratio Lower Upper
164 100
166 101.0 103.4 155.2#
129 91.5 70.8 106.2
131 83.3 72.5 108.7



Instrument :
MSVOA_X
ClientSampled :
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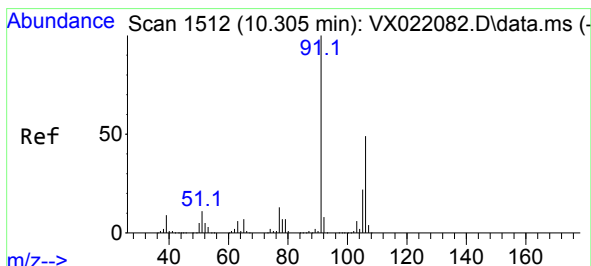
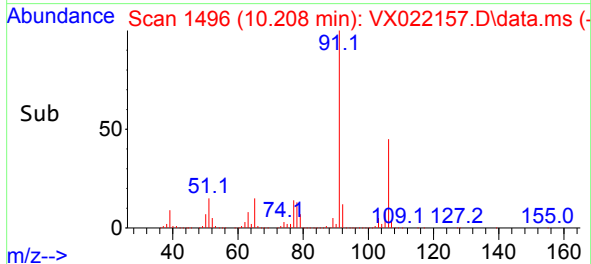
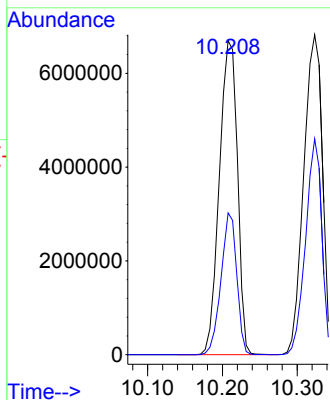
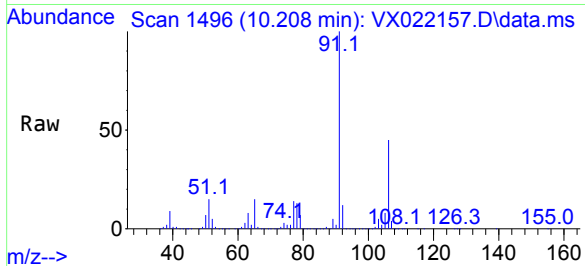
#67
Ethyl Benzene
Concen: 2319.67 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion: 91 Resp:11265343
Ion Ratio Lower Upper
91 100
106 45.1 24.6 37.0#

Instrument :
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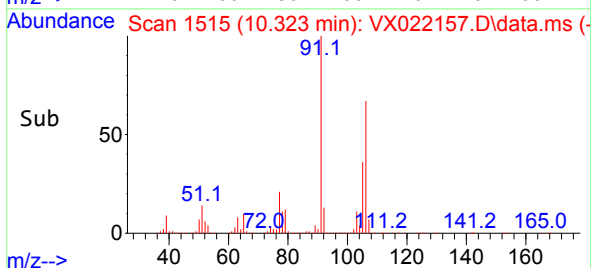
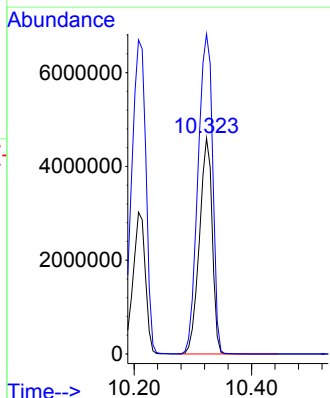
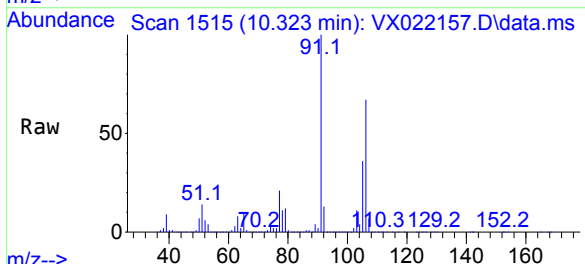
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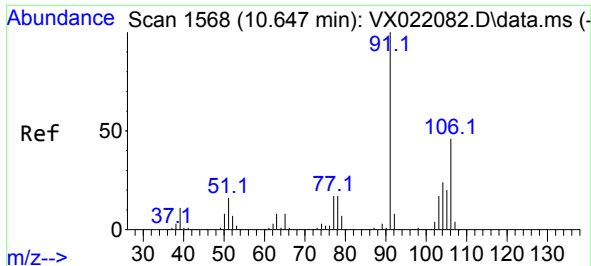
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#68
m/p-Xylenes
Concen: 3776.28 ug/l
RT: 10.323 min Scan# 1515
Delta R.T. 0.018 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion:106 Resp: 6930987
Ion Ratio Lower Upper
106 100
91 169.7 162.8 244.2





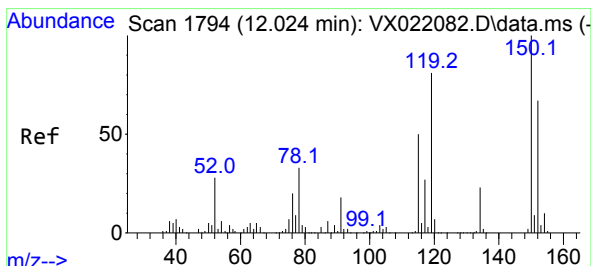
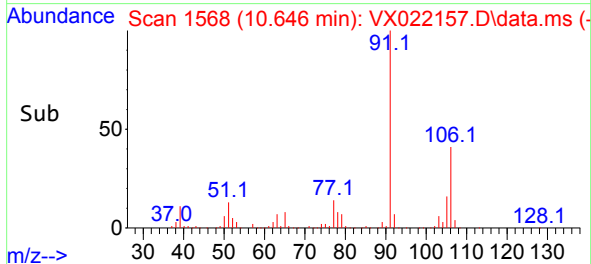
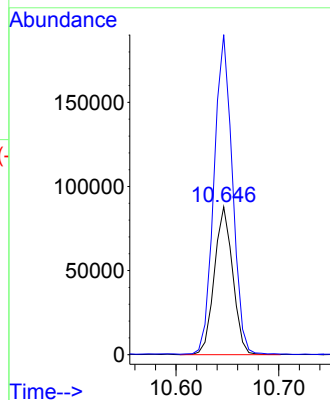
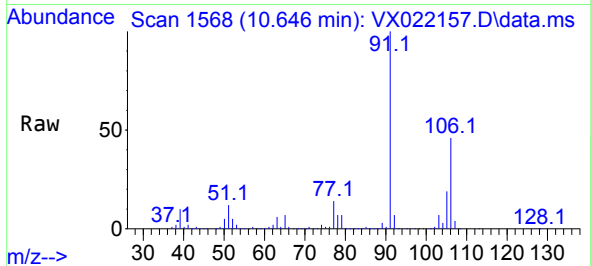
#69
o-Xylene
Concen: 61.18 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion:106 Resp: 109211
Ion Ratio Lower Upper
106 100
91 216.5 108.1 324.2

Instrument :
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ClientSampled :
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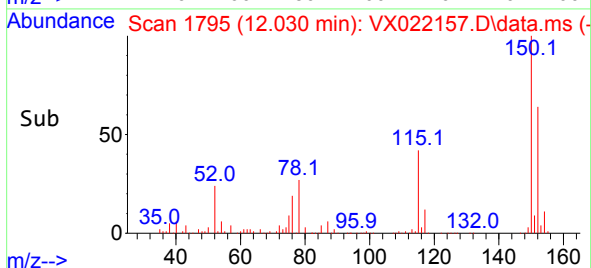
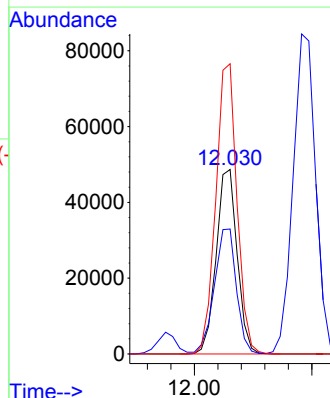
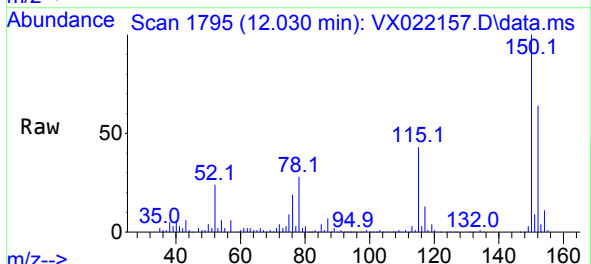
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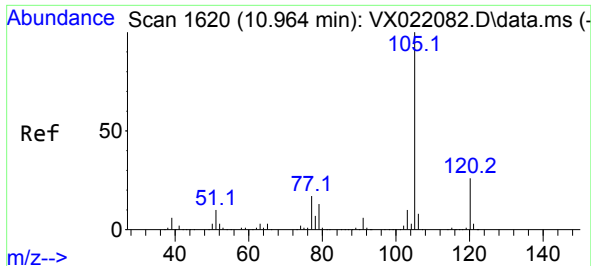
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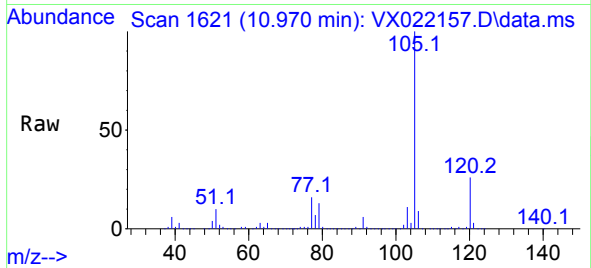
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

Tgt Ion:152 Resp: 60412
Ion Ratio Lower Upper
152 100
115 70.7 41.1 123.3
150 158.5 0.0 349.0

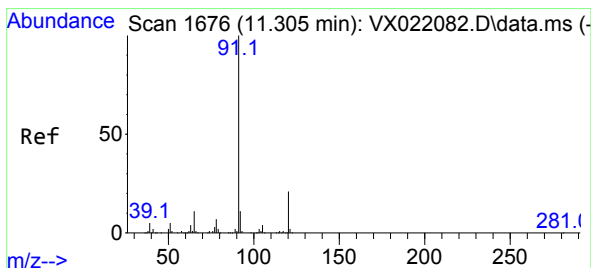
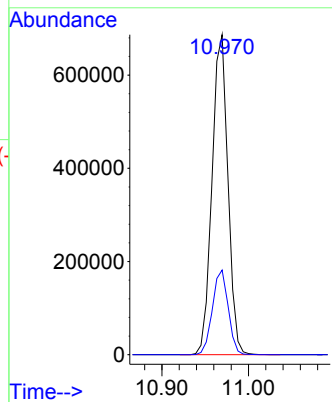
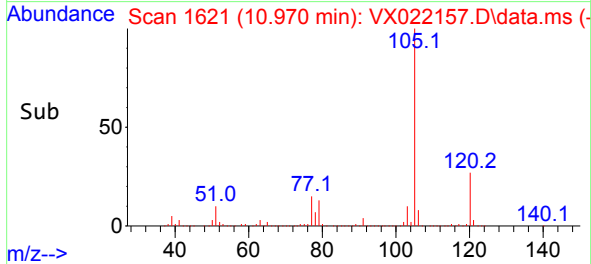




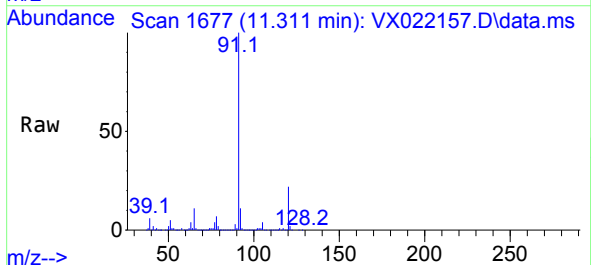
#73
Isopropylbenzene
Concen: 171.09 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



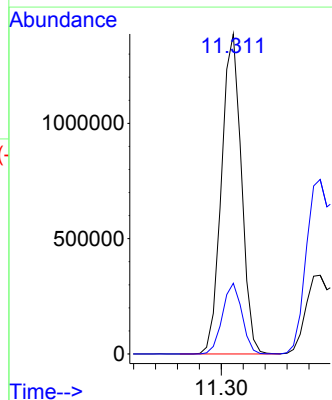
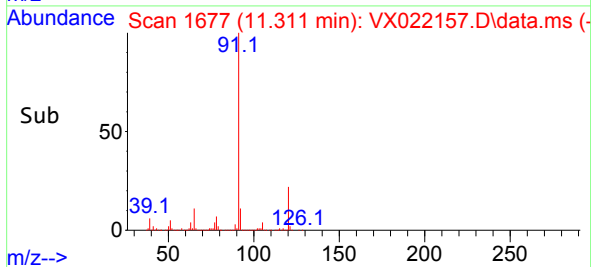
Tgt Ion:105 Resp: 874815
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#78
n-propylbenzene
Concen: 291.80 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



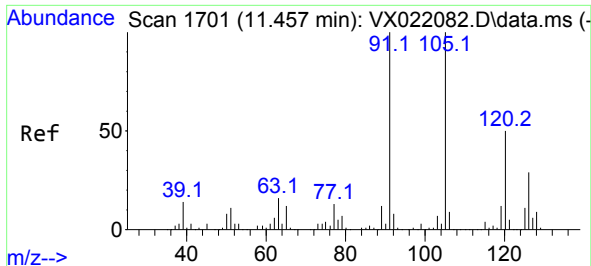
Tgt Ion: 91 Resp: 1747554
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.5



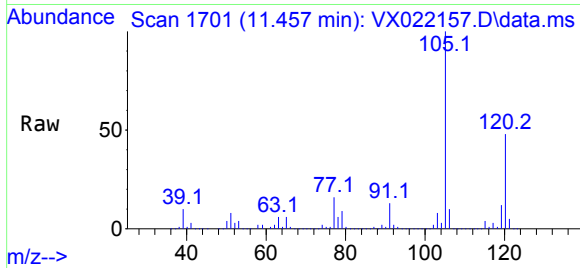
Instrument :
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ClientSampled :
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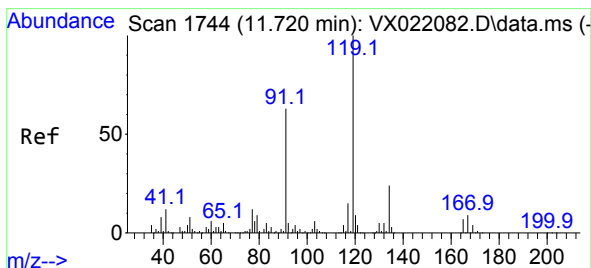
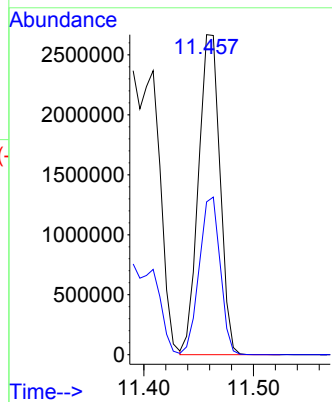
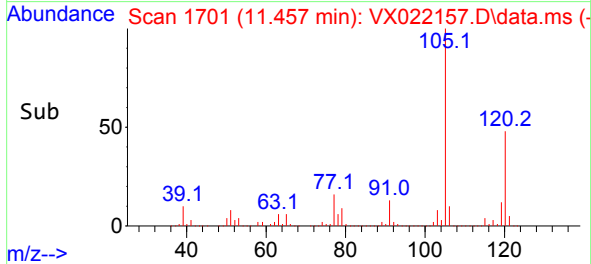
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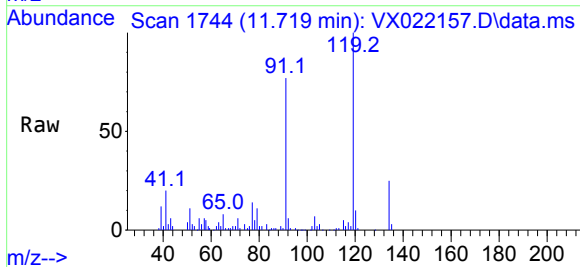
#80
1,3,5-Trimethylbenzene
Concen: 858.64 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



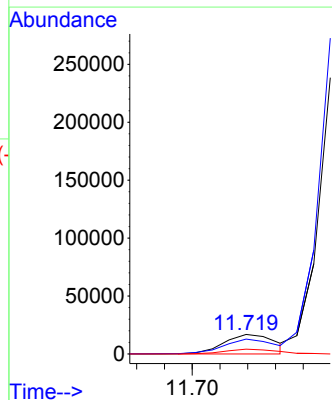
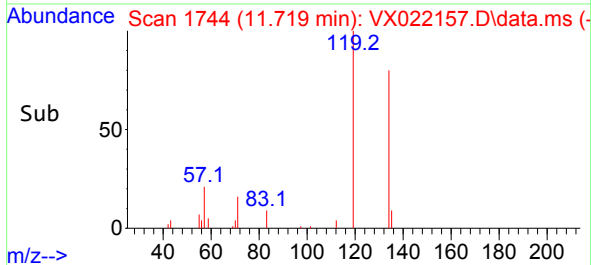
Tgt Ion:105 Resp: 3638690
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5



#83
tert-Butylbenzene
Concen: 5.29 ug/l m
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



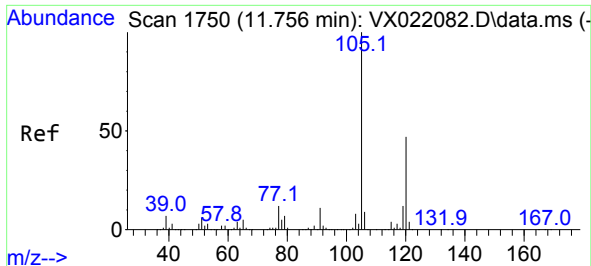
Tgt Ion:119 Resp: 21519
Ion Ratio Lower Upper
119 100
91 6560.3 27.9 83.7#
134 0.0 11.3 33.9#



Instrument :
MSVOA_X
ClientSampleId :
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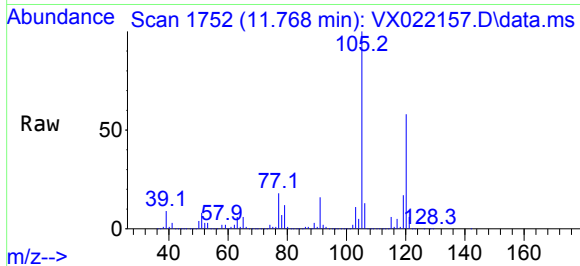
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#84
1,2,4-Trimethylbenzene
Concen: 2231.45 ug/l
RT: 11.768 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

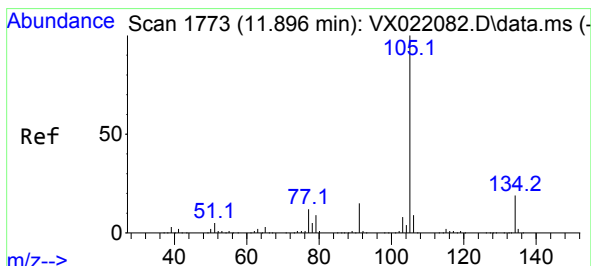
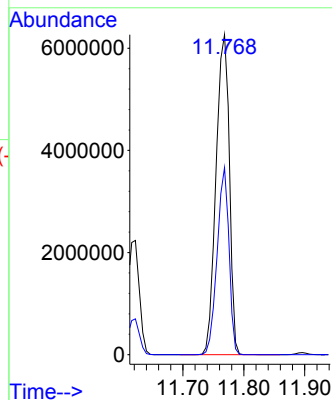
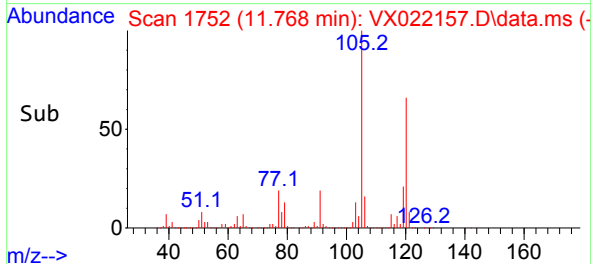
Instrument :
MSVOA_X
ClientSampled :
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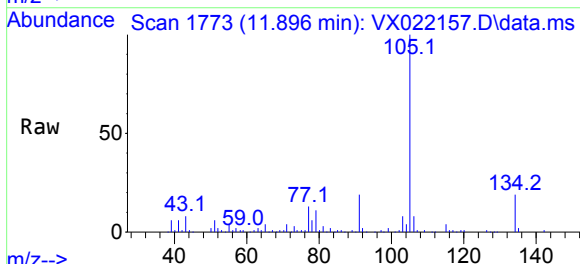
Tgt Ion:105 Resp: 9518353
Ion Ratio Lower Upper
105 100
120 52.0 22.4 67.3

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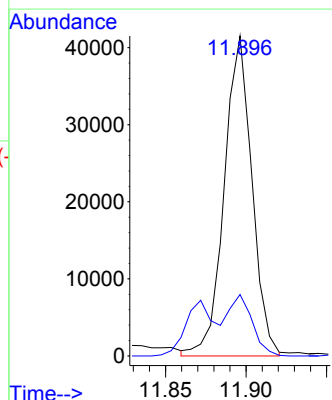
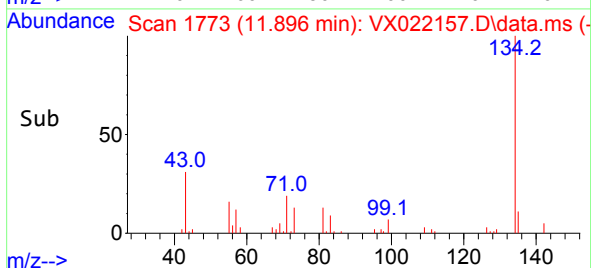
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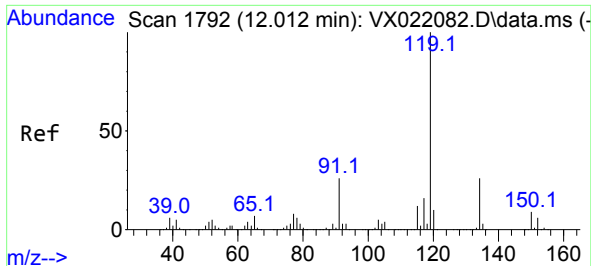


#85
sec-Butylbenzene
Concen: 9.60 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57

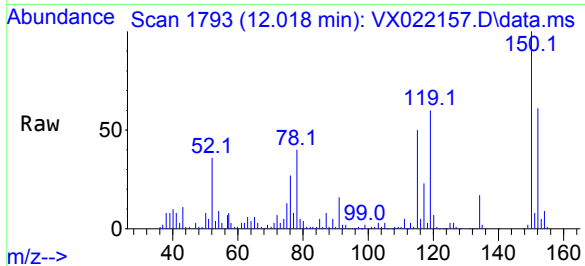


Tgt Ion:105 Resp: 49583
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

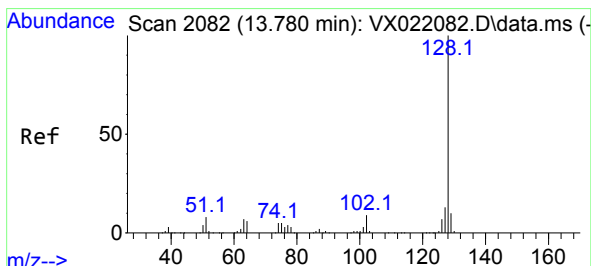
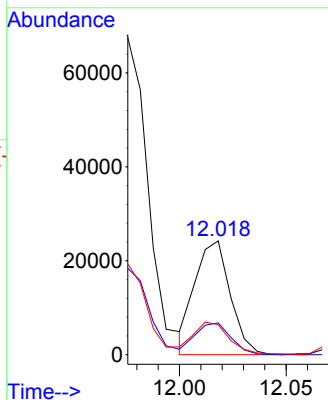
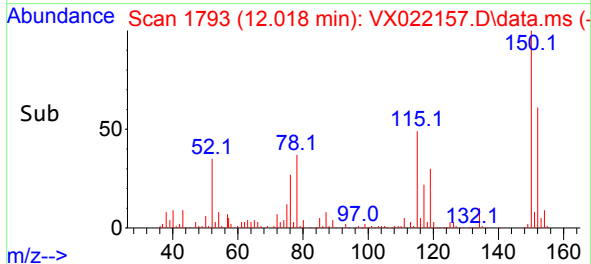




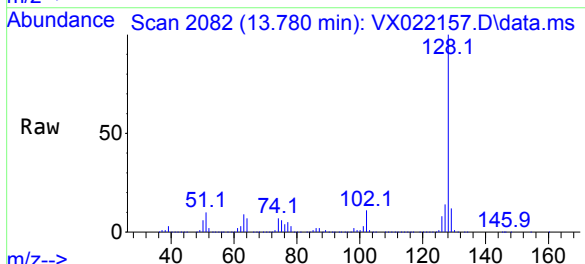
#86
p-Isopropyltoluene
Concen: 6.40 ug/l m
RT: 12.018 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



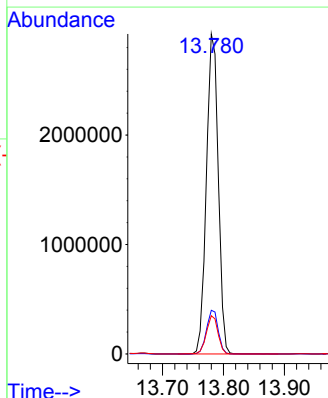
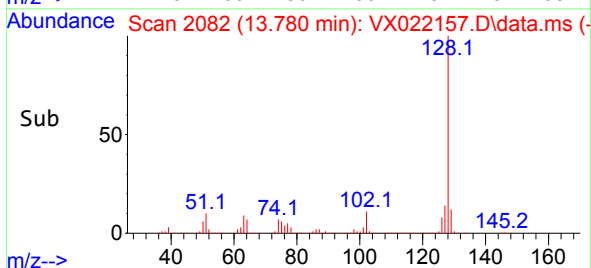
Tgt Ion:119 Resp: 27916
Ion Ratio Lower Upper
119 100
134 82.2 12.9 38.7#
91 0.0 11.7 35.0#



#95
Naphthalene
Concen: 836.75 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022157.D
Acq: 24 May 2021 18:57



Tgt Ion:128 Resp: 3953466
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.7 8.8 13.2



Instrument :
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ClientSampled :
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