

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022159.D
 Acq On : 24 May 2021 19:44
 Operator : JC/MD
 Sample : M2504-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-804

Manual Integrations
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 5/25/2021 5:59:40 PM

Quant Time: May 25 02:09:59 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	71867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	131033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	59713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56038	50.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.10%			
35) Dibromofluoromethane	5.397	113	43486	46.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.94%			
50) Toluene-d8	8.653	98	180699	50.67	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.34%			
62) 4-Bromofluorobenzene	11.085	95	67618	51.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.58%			
Target Compounds						Qvalue
16) Acetone	2.386	43	13075	27.09	ug/l	88
25) 2-Butanone	4.574	43	13939	17.85	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	5418	4.97	ug/l	87
31) Cyclohexane	5.489	56	111776	80.24	ug/l #	89
39) Methylcyclohexane	7.385	83	120242	78.53	ug/l	92
40) Benzene	6.050	78	18821	4.53	ug/l	98
44) Trichloroethene	7.135	130	1792	1.74	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	14598	9.00	ug/l	92
52) Toluene	8.726	92	93817	35.66	ug/l	100
64) Tetrachloroethene	9.281	164	21644	25.16	ug/l #	91
67) Ethyl Benzene	10.201	91	2211587	440.74	ug/l	98
68) m/p-Xylenes	10.311	106	2475601	1305.41	ug/l	99
69) o-Xylene	10.646	106	277898	150.67	ug/l	99
73) Isopropylbenzene	10.963	105	232407	45.99	ug/l	100
78) n-propylbenzene	11.305	91	586419	99.06	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1119809	267.34	ug/l	100
83) tert-Butylbenzene	11.719	119	13988	3.48	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.756	105	3237170	767.79	ug/l	100
85) sec-Butylbenzene	11.896	105	24751m	4.85	ug/l	
86) p-Isopropyltoluene	12.012	119	9931m	2.30	ug/l	
95) Naphthalene	13.780	128	788151	168.77	ug/l	99

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

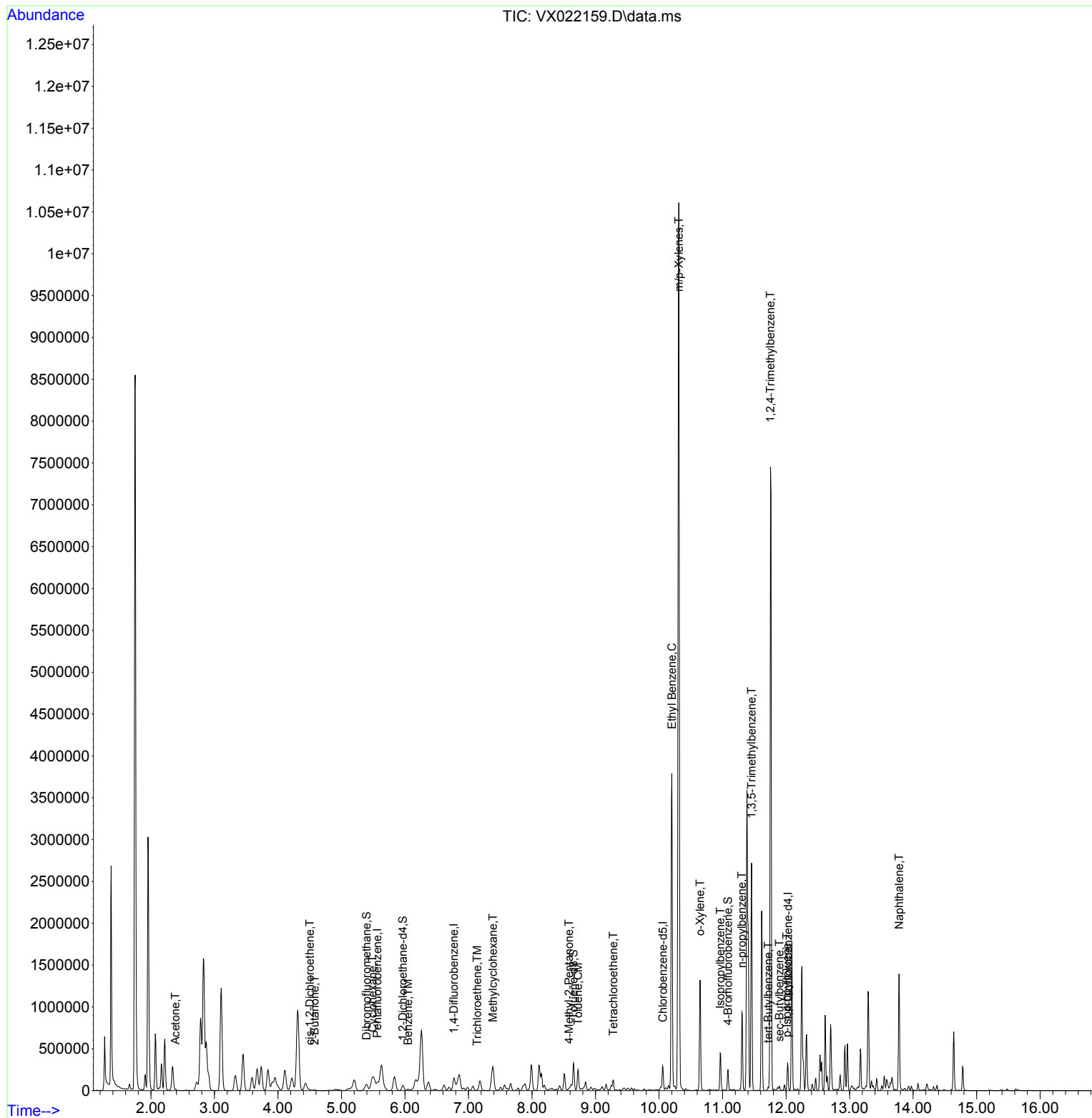
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022159.D
Acq On : 24 May 2021 19:44
Operator : JC/MD
Sample : M2504-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

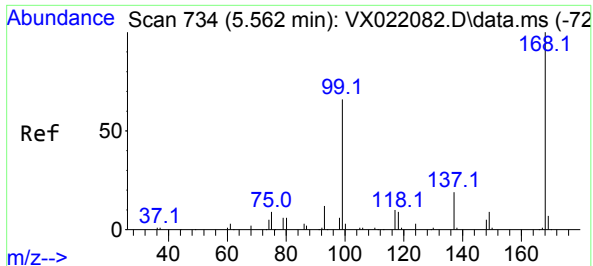
Instrument :
MSVOA_X
ClientSampleId :
MW-804

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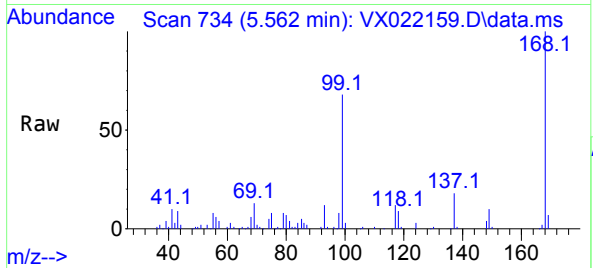
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5/25/2021 5:59:40 PM

Quant Time: May 25 02:09:59 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

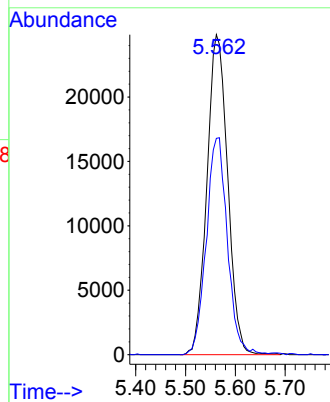
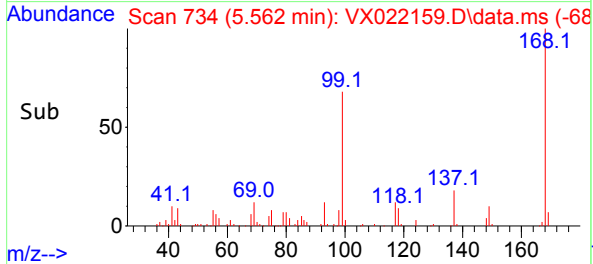




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



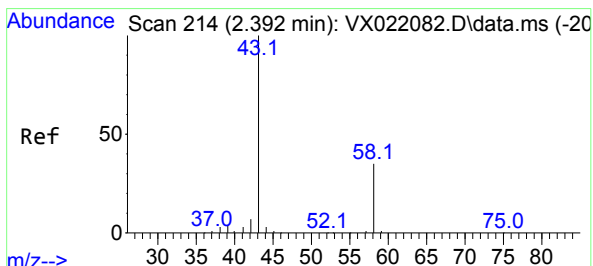
Tgt Ion:168 Resp: 71867
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



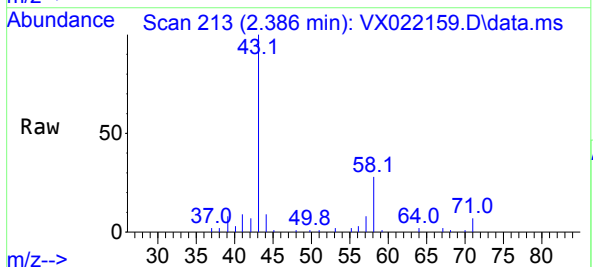
Instrument :
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ClientSampleId :
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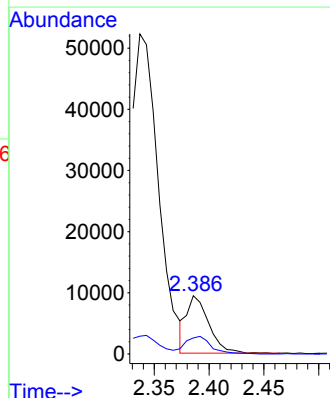
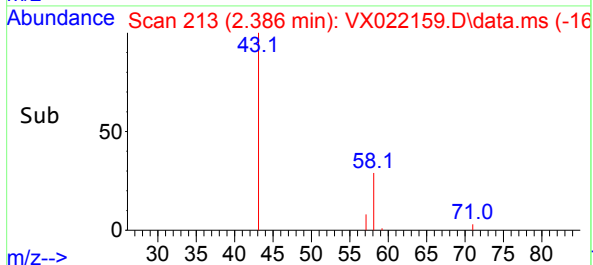
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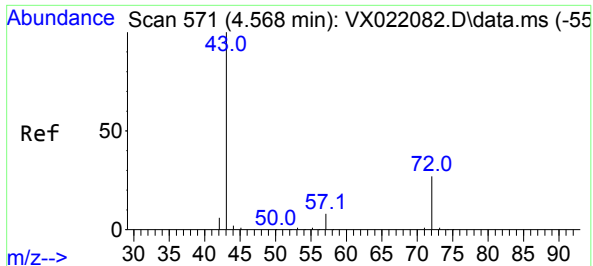


#16
Acetone
Concen: 27.09 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



Tgt Ion: 43 Resp: 13075
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8





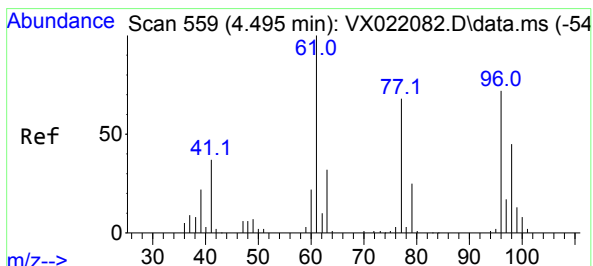
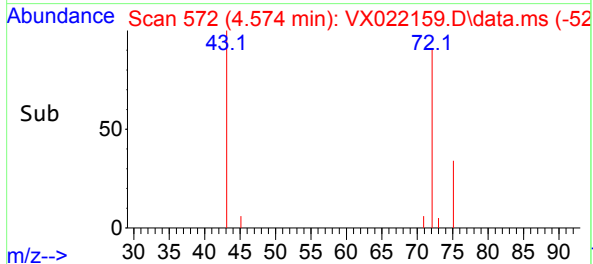
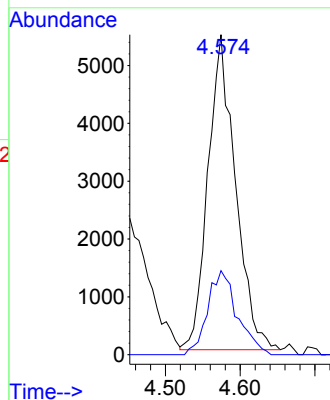
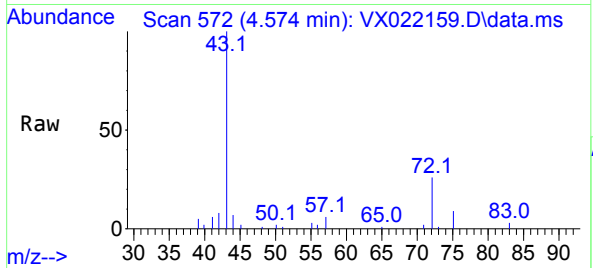
#25
2-Butanone
Concen: 17.85 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 43 Resp: 13939
Ion Ratio Lower Upper
43 100
72 26.7 23.7 35.5

Instrument :
MSVOA_X
ClientSampled :
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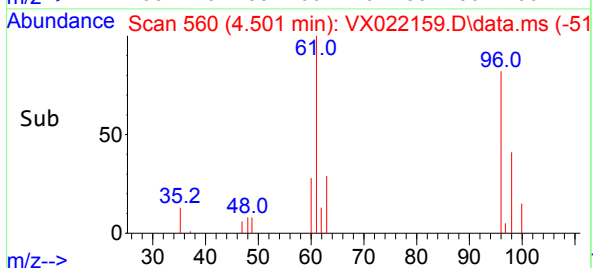
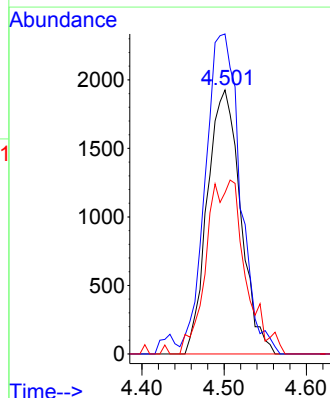
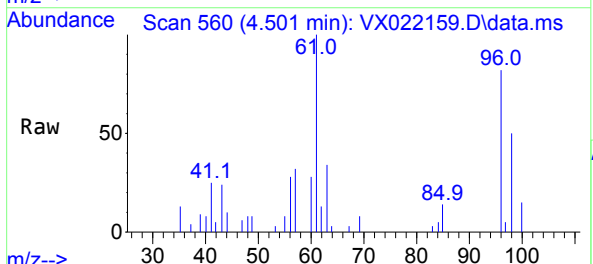
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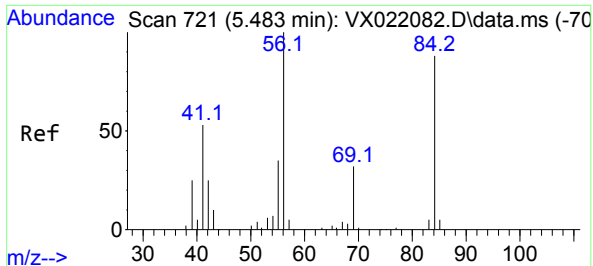
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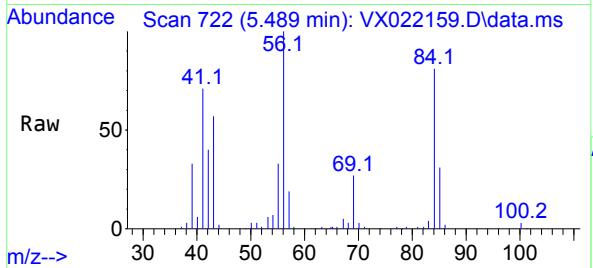
#27
cis-1,2-Dichloroethene
Concen: 4.97 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 96 Resp: 5418
Ion Ratio Lower Upper
96 100
61 127.1 0.0 285.6
98 76.7 0.0 129.6

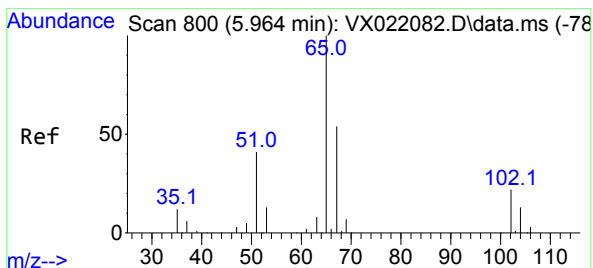
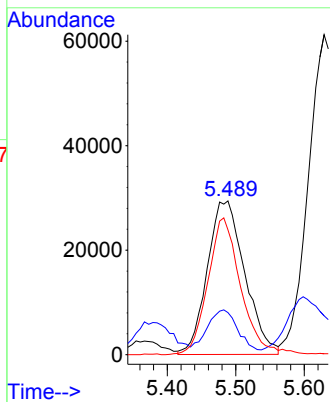
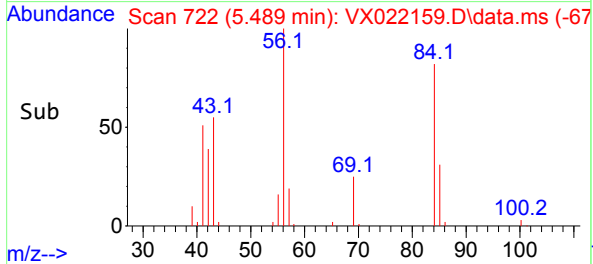




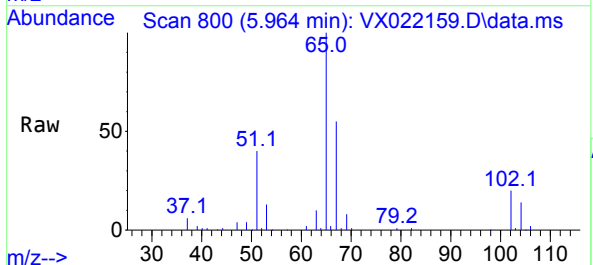
#31
Cyclohexane
Concen: 80.24 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



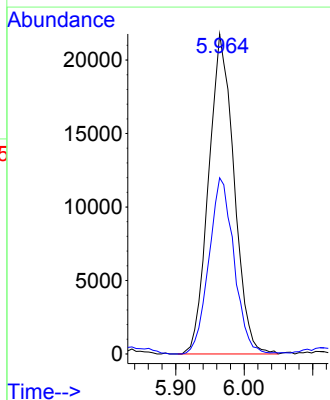
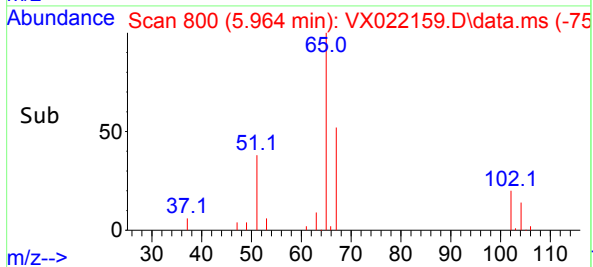
Tgt Ion: 56 Resp: 111776
Ion Ratio Lower Upper
56 100
69 20.3 25.3 37.9#
84 82.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.55 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



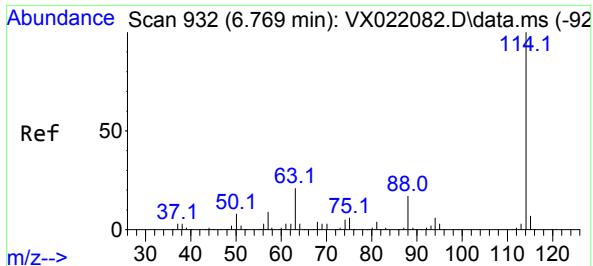
Tgt Ion: 65 Resp: 56038
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.4



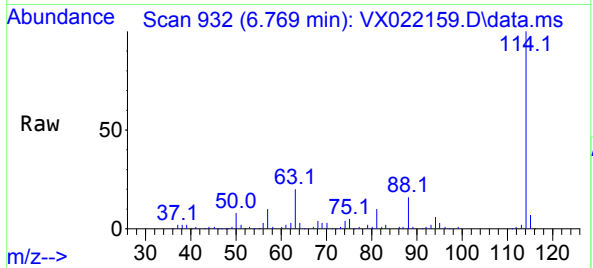
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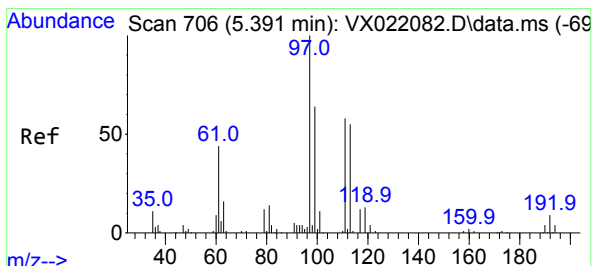
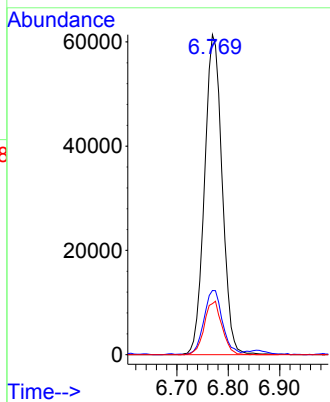
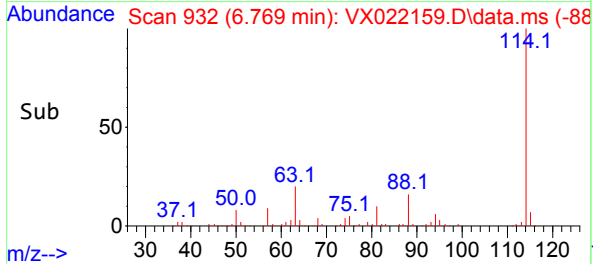
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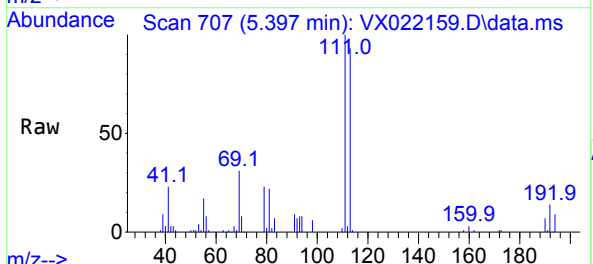
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



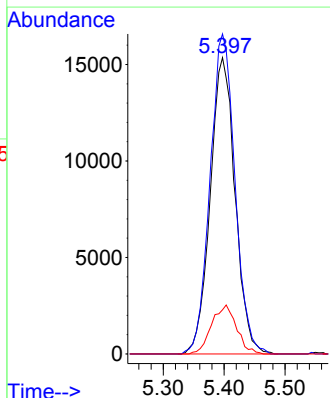
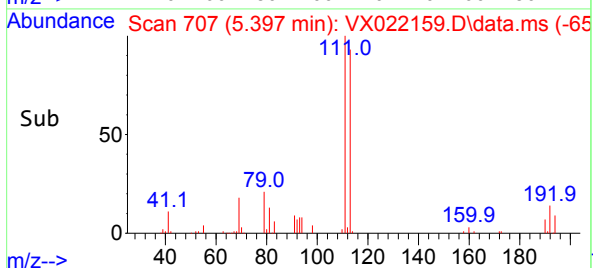
Tgt Ion:114 Resp: 145999
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.97 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



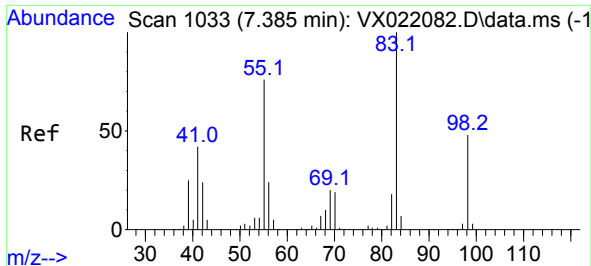
Tgt Ion:113 Resp: 43486
Ion Ratio Lower Upper
113 100
111 108.1 81.9 122.9
192 16.6 16.7 25.1#



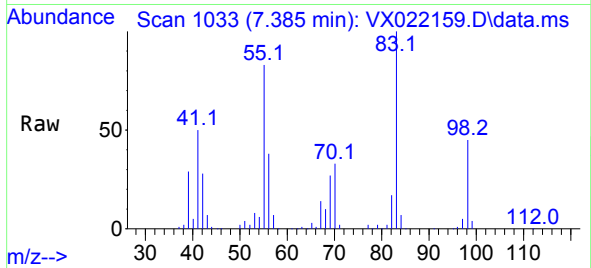
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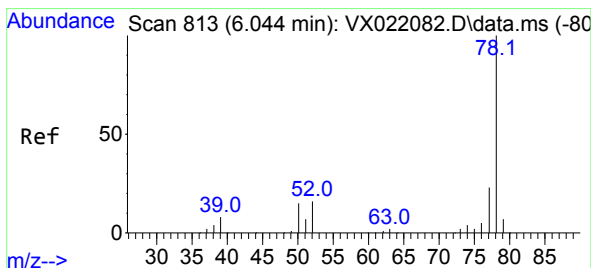
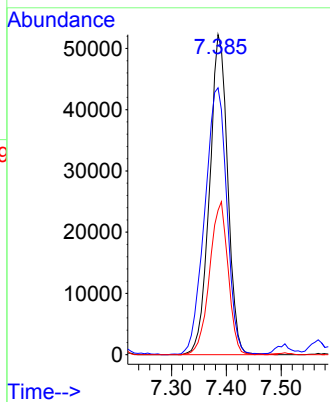
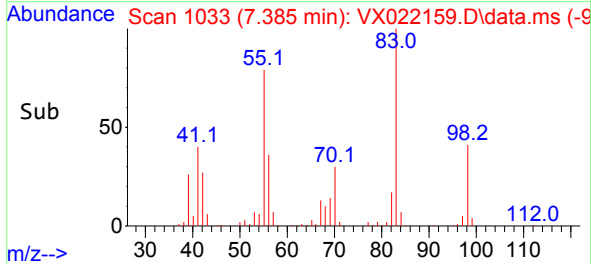
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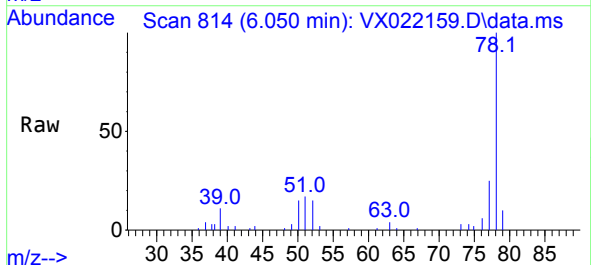
#39
Methylcyclohexane
Concen: 78.53 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



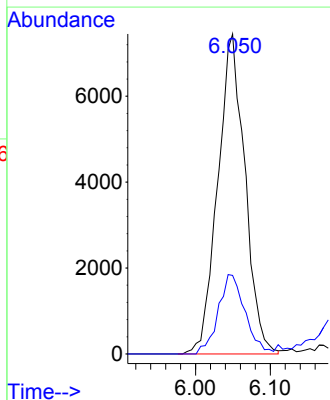
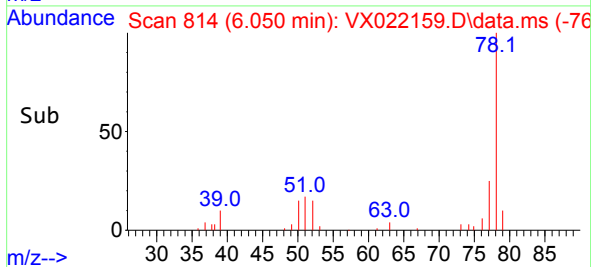
Tgt Ion: 83 Resp: 120242
Ion Ratio Lower Upper
83 100
55 83.2 58.9 88.3
98 45.1 38.1 57.1



#40
Benzene
Concen: 4.53 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



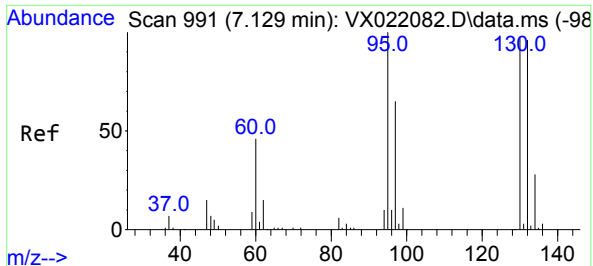
Tgt Ion: 78 Resp: 18821
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



Instrument :
MSVOA_X
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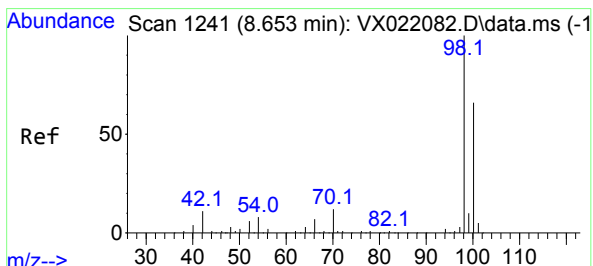
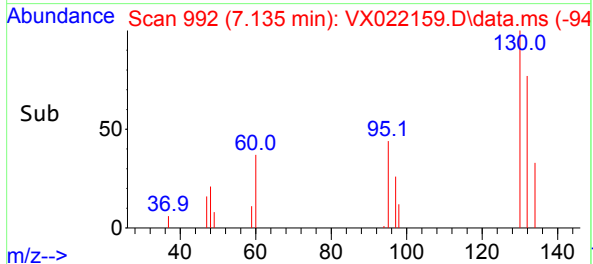
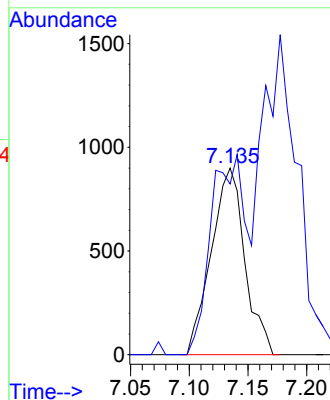
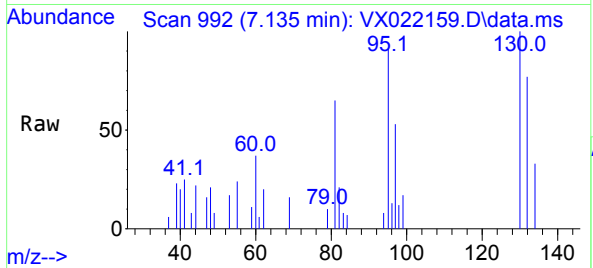
#44
Trichloroethene
Concen: 1.74 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion:130 Resp: 1792
Ion Ratio Lower Upper
130 100
95 91.4 0.0 198.0

Instrument :
MSVOA_X
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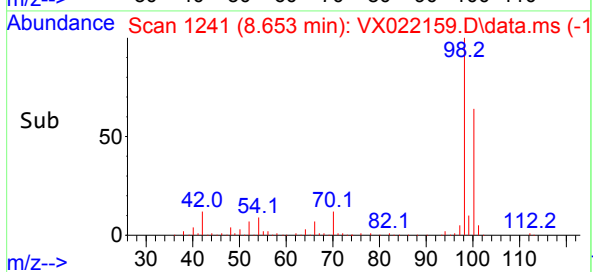
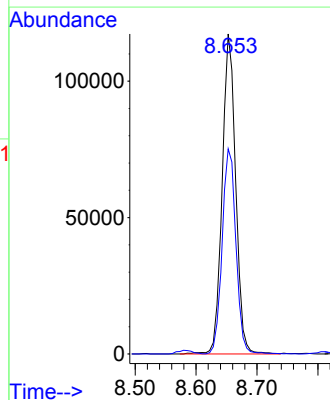
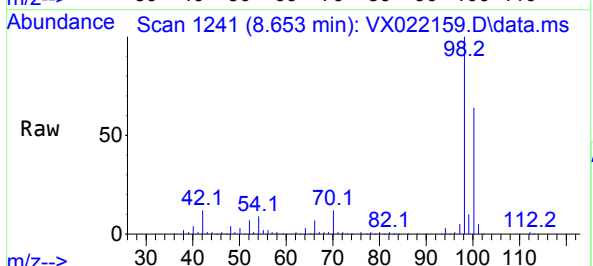
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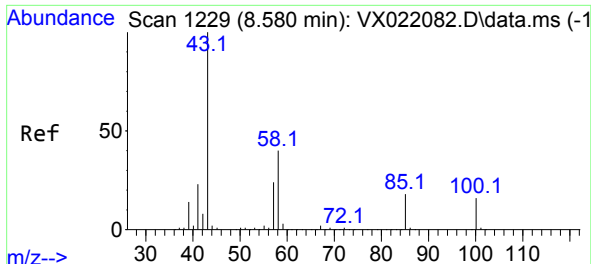
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5/25/2021 5:59:40 PM



#50
Toluene-d8
Concen: 50.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 98 Resp: 180699
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9





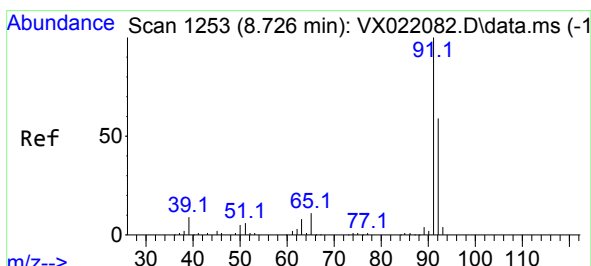
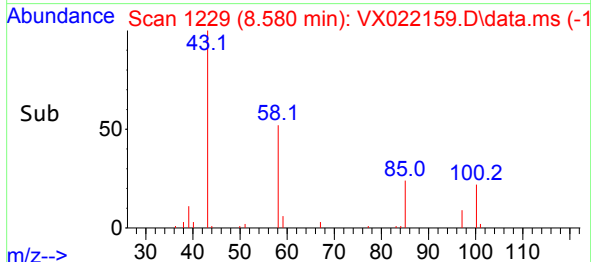
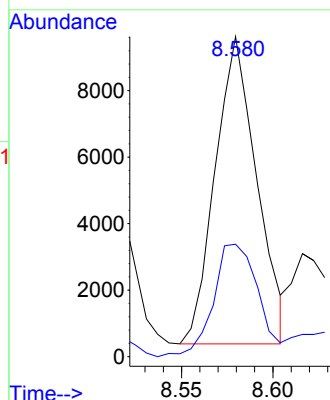
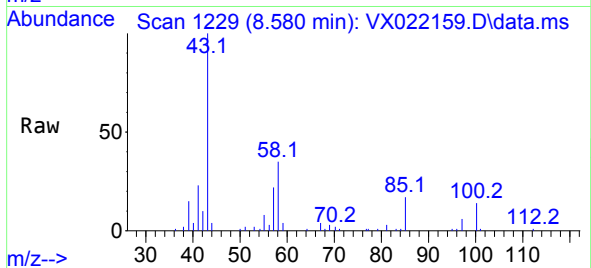
#51
4-Methyl-2-Pentanone
Concen: 9.00 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 43 Resp: 14598
Ion Ratio Lower Upper
43 100
58 39.3 35.4 53.0

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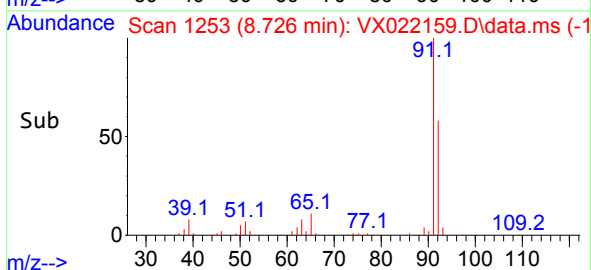
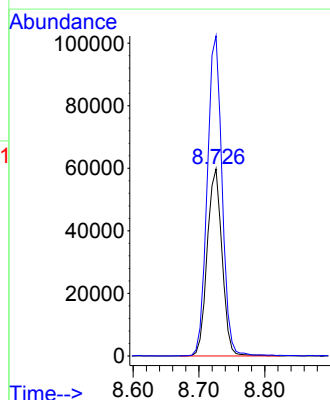
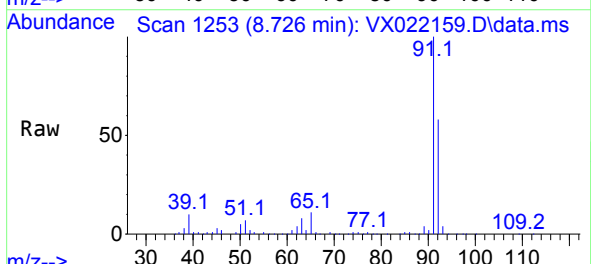
Manual Integrations
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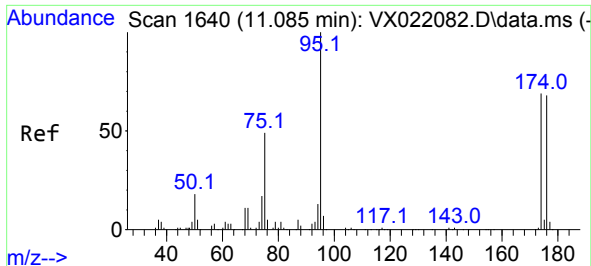
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#52
Toluene
Concen: 35.66 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 92 Resp: 93817
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7





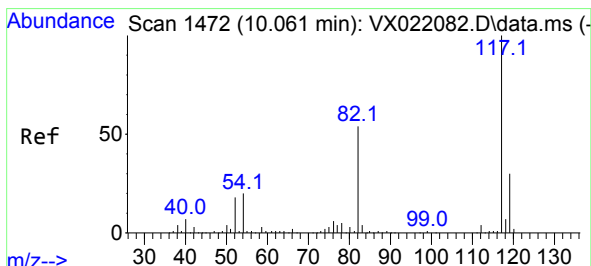
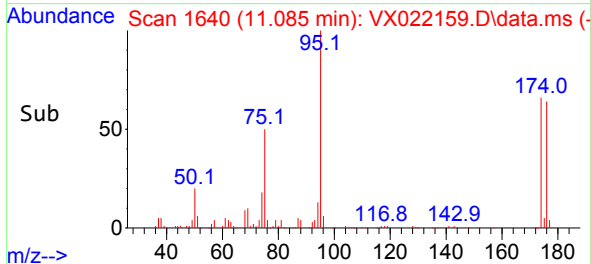
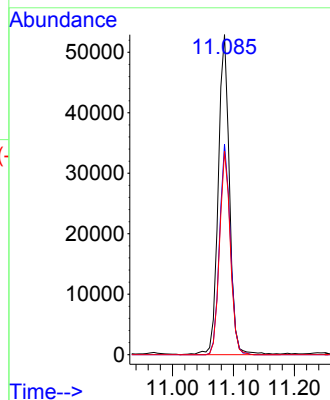
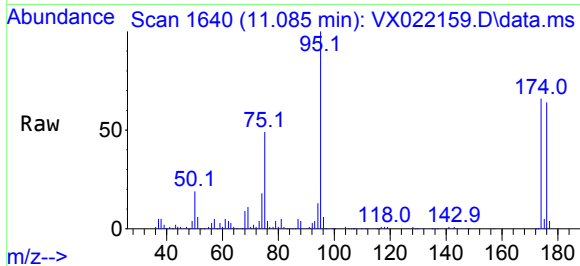
#62
4-Bromofluorobenzene
Concen: 51.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 95 Resp: 67618
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 60.8 0.0 155.8

Instrument :
MSVOA_X
ClientSampled :
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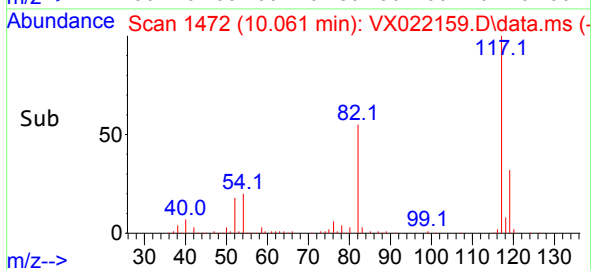
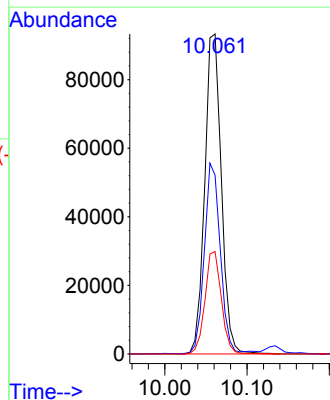
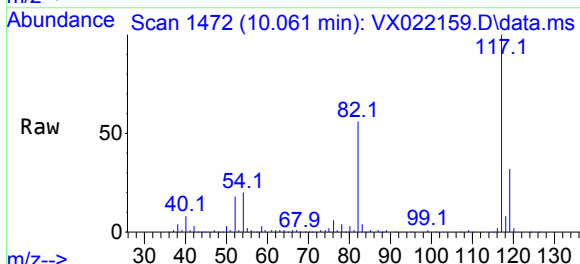
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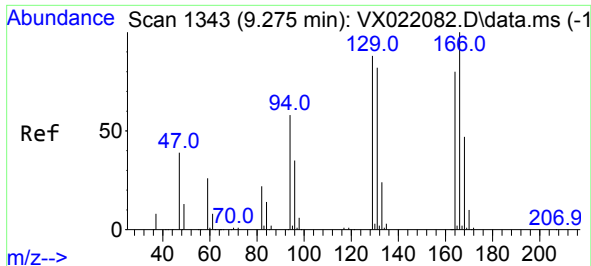
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

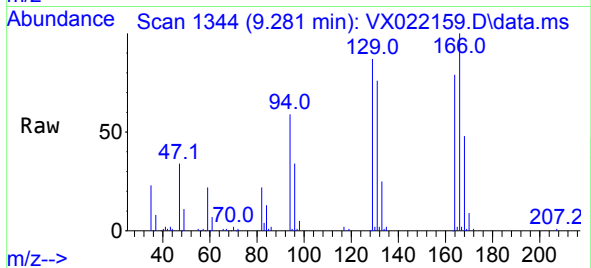
Tgt Ion: 117 Resp: 131033
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.0 26.6 39.8





#64
Tetrachloroethene
Concen: 25.16 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

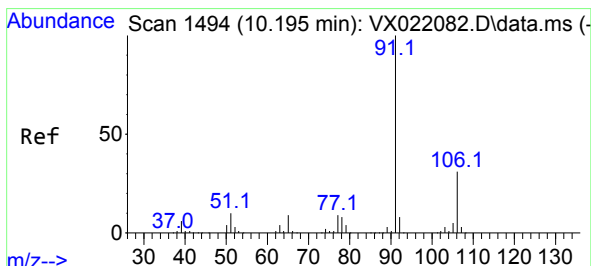
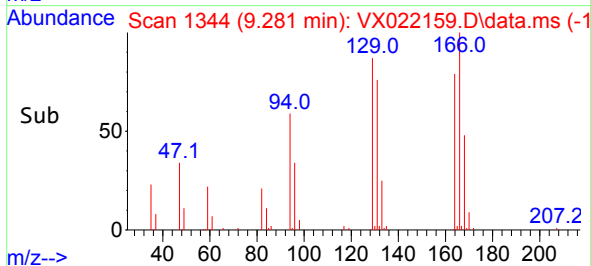
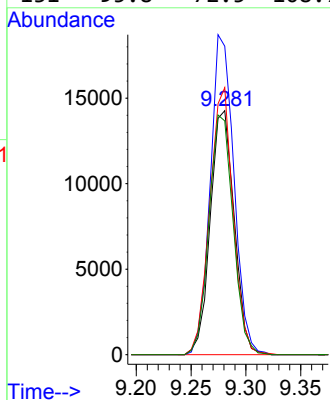
Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion:164 Resp: 21644
Ion Ratio Lower Upper
164 100
166 126.4 103.4 155.2
129 109.4 70.8 106.2#
131 95.8 72.5 108.7

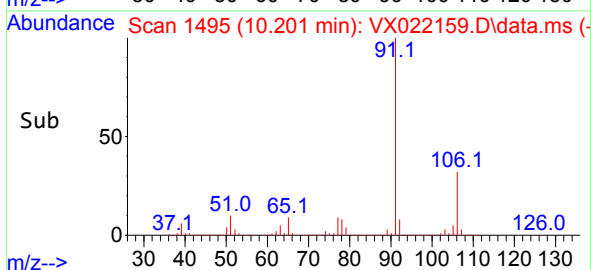
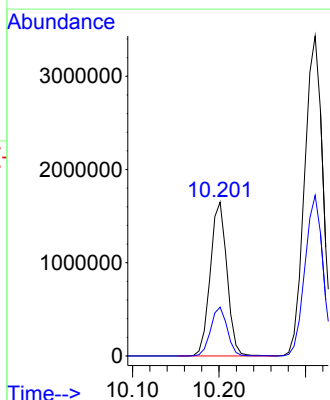
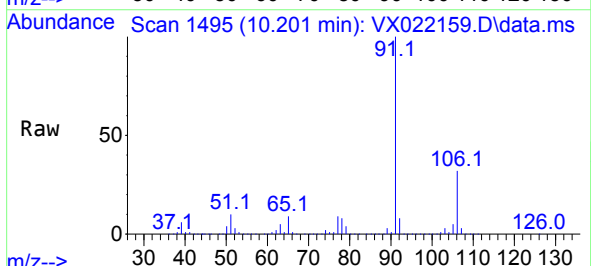
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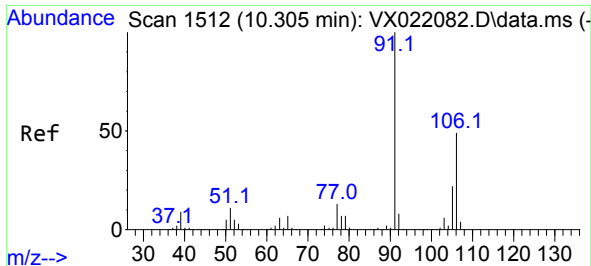
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#67
Ethyl Benzene
Concen: 440.74 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 91 Resp: 2211587
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0





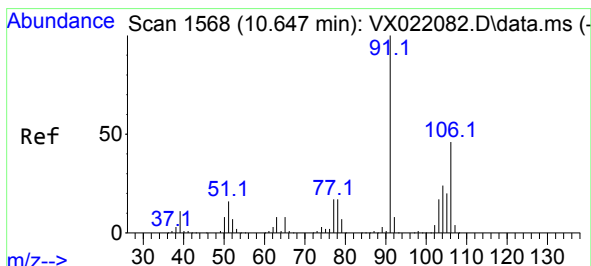
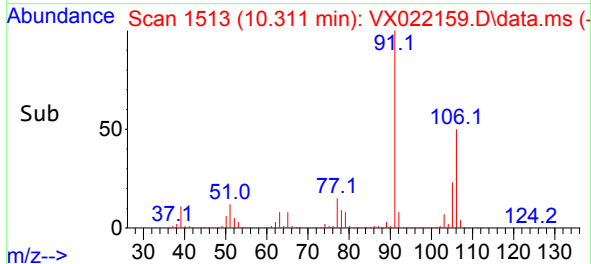
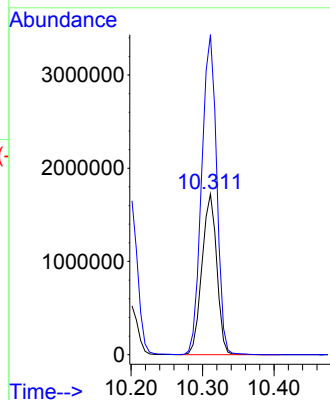
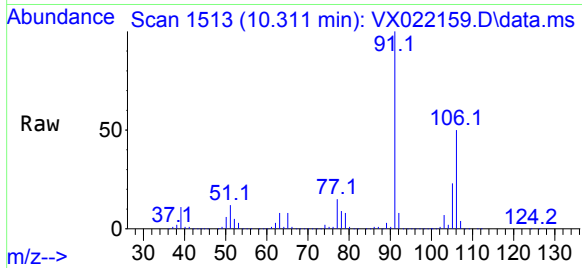
#68
m/p-Xylenes
Concen: 1305.41 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion:106 Resp: 2475601
Ion Ratio Lower Upper
106 100
91 202.5 162.8 244.2

Instrument :
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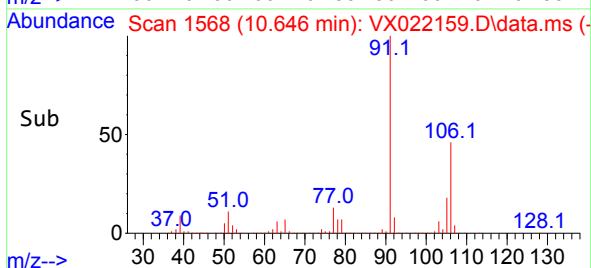
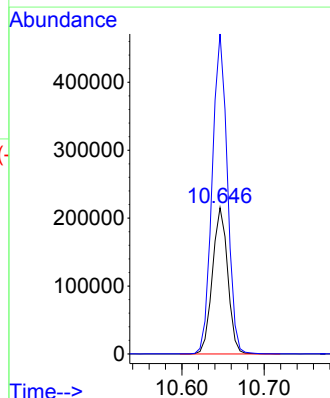
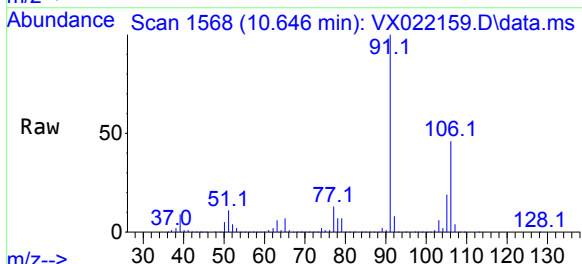
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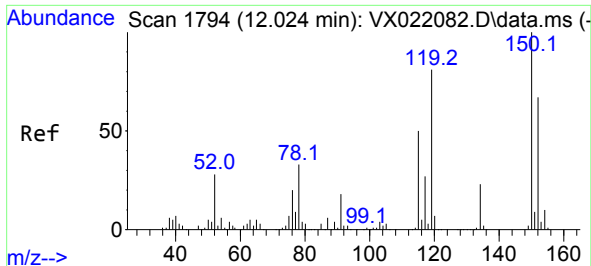
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#69
o-Xylene
Concen: 150.67 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion:106 Resp: 277898
Ion Ratio Lower Upper
106 100
91 216.9 108.1 324.2





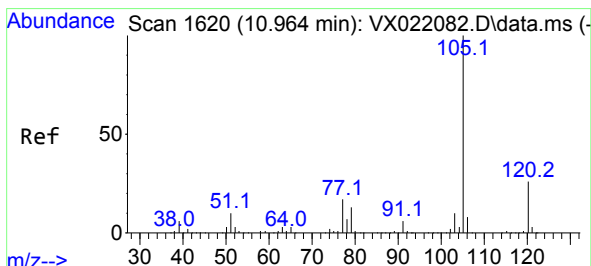
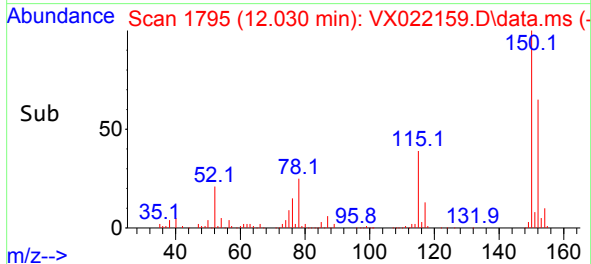
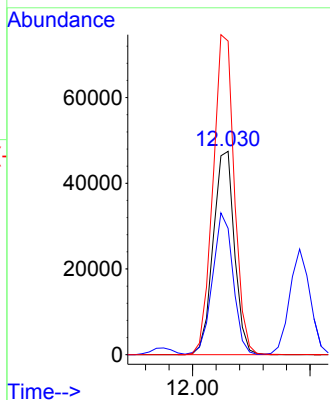
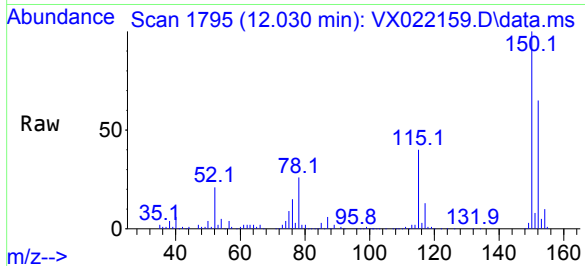
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion:152 Resp: 59713
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 157.5 0.0 349.0

Instrument :
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ClientSampled :
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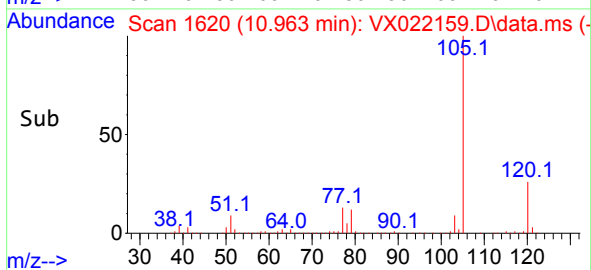
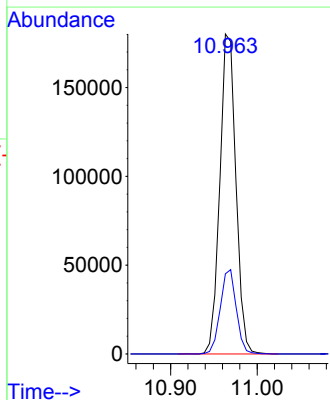
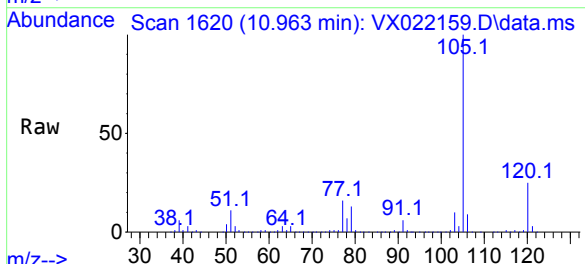
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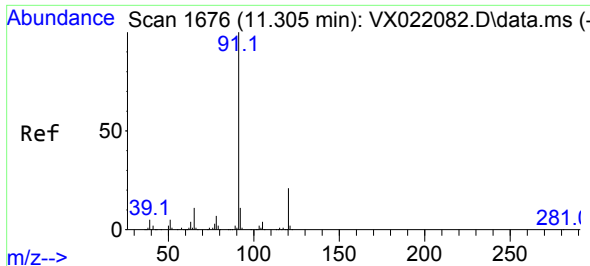
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#73
Isopropylbenzene
Concen: 45.99 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion:105 Resp: 232407
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6





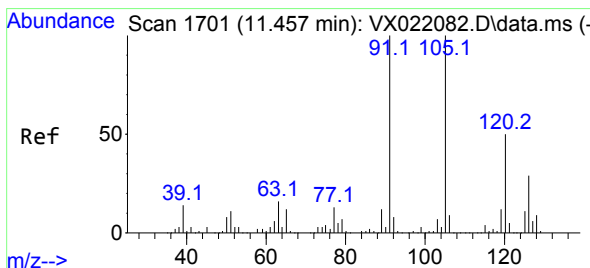
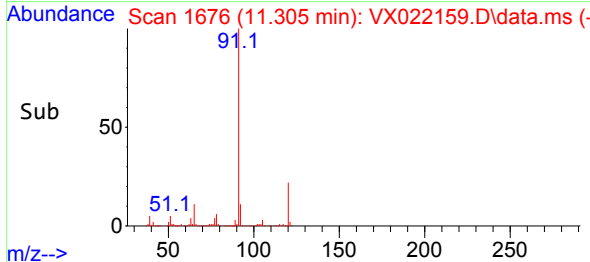
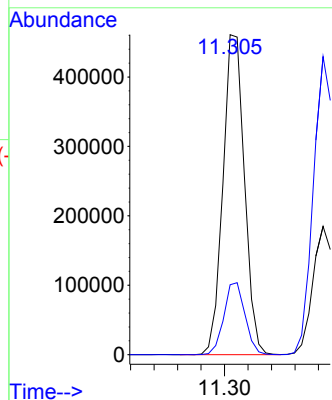
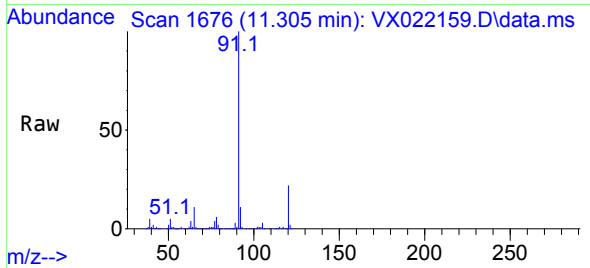
#78
n-propylbenzene
Concen: 99.06 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 91 Resp: 586419
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5

Instrument :
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ClientSampled :
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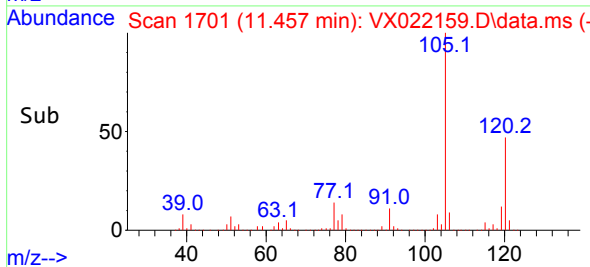
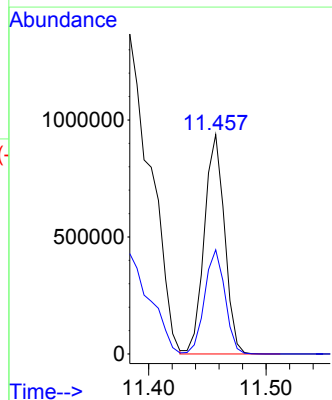
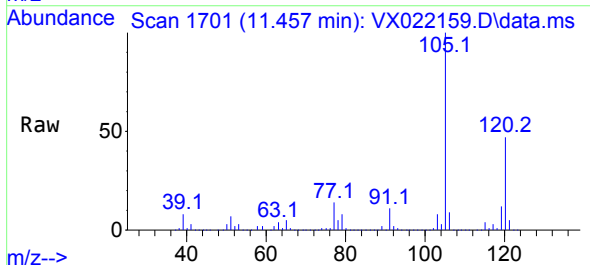
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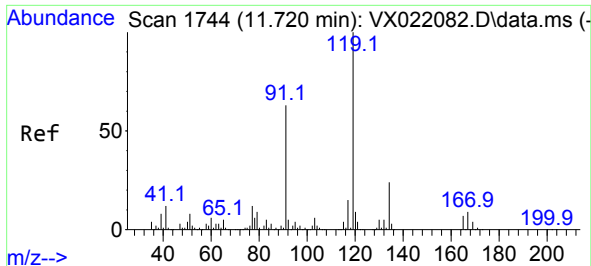
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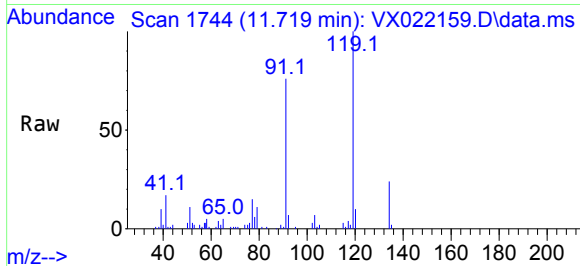
#80
1,3,5-Trimethylbenzene
Concen: 267.34 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44

Tgt Ion: 105 Resp: 1119809
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

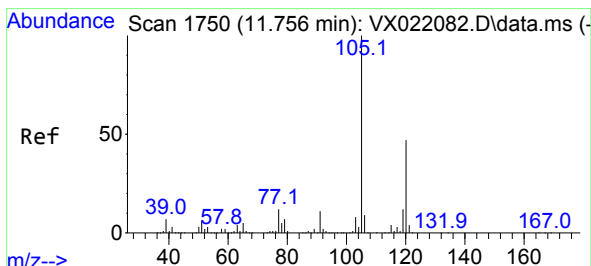
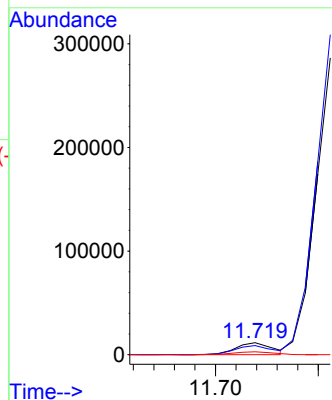
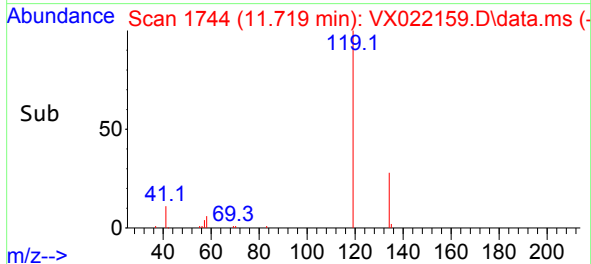




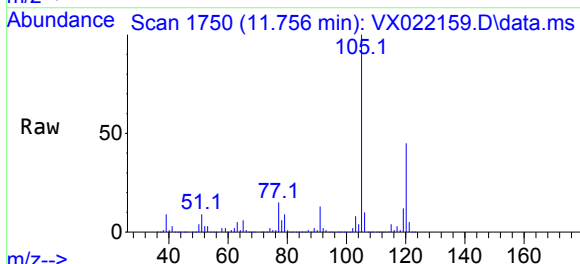
#83
tert-Butylbenzene
Concen: 3.48 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



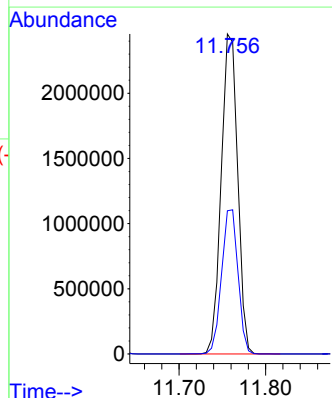
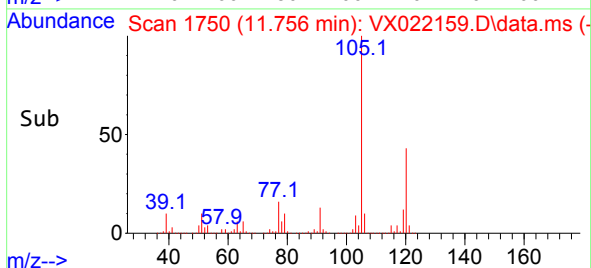
Tgt Ion:119 Resp: 13988
Ion Ratio Lower Upper
119 100
91 0.0 27.9 83.7#
134 26.1 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 767.79 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



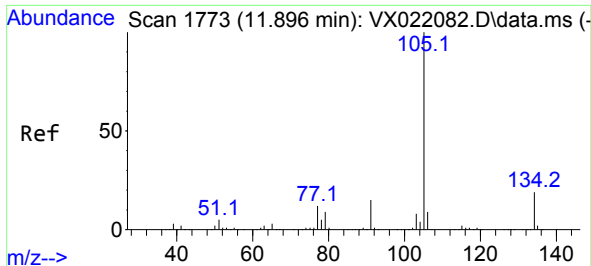
Tgt Ion:105 Resp: 3237170
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3



Instrument :
MSVOA_X
ClientSampleId :
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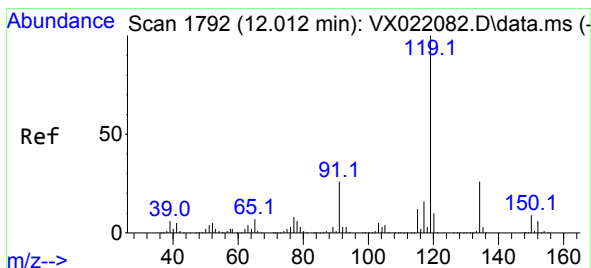
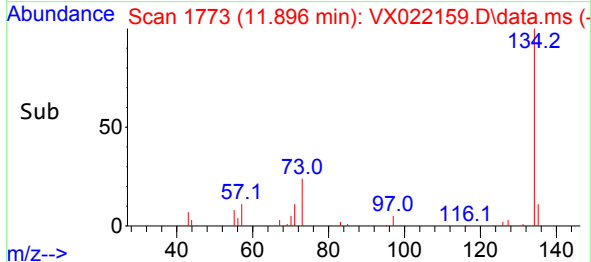
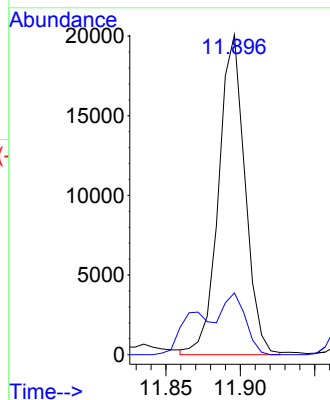
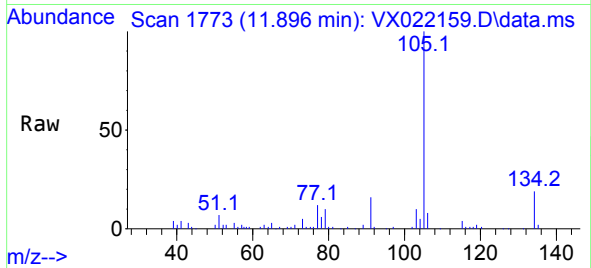
#85
 sec-Butylbenzene
 Concen: 4.85 ug/l m
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX022159.D
 Acq: 24 May 2021 19:44

Tgt Ion:105 Resp: 24751
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

Instrument :
 MSVOA_X
 ClientSampled :
 MW-804

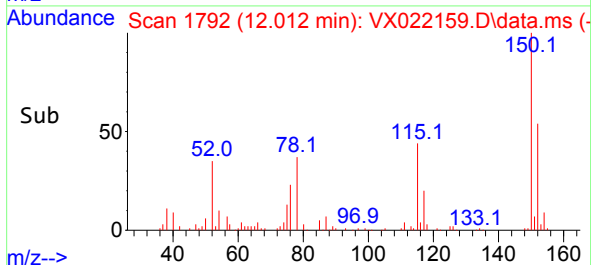
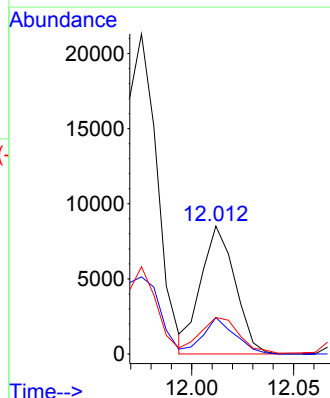
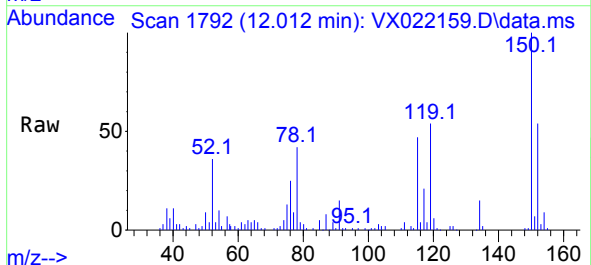
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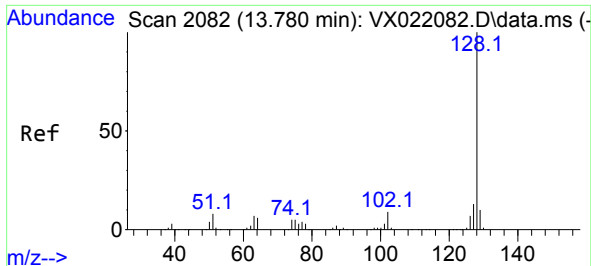
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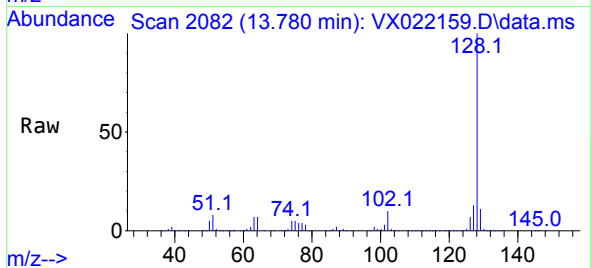
#86
 p-Isopropyltoluene
 Concen: 2.30 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX022159.D
 Acq: 24 May 2021 19:44

Tgt Ion:119 Resp: 9931
 Ion Ratio Lower Upper
 119 100
 134 67.7 12.9 38.7#
 91 0.0 11.7 35.0#

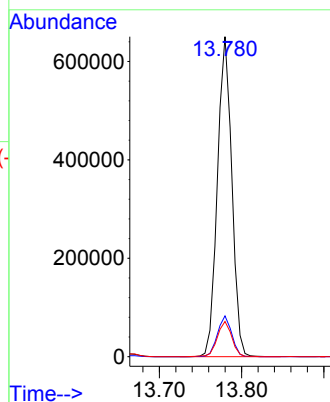
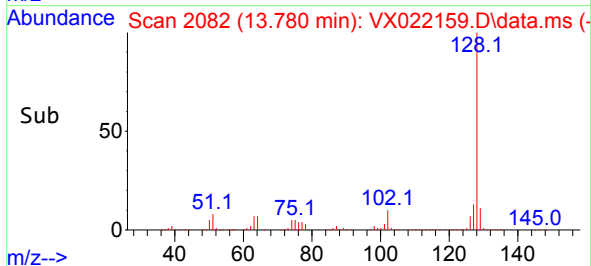




#95
Naphthalene
Concen: 168.77 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022159.D
Acq: 24 May 2021 19:44



Tgt Ion:128 Resp: 788151
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.2 8.8 13.2



Instrument :
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ClientSampleId :
MW-804

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