

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067714.D
 Acq On : 13 Jul 2021 13:35
 Operator : JC/MD
 Sample : M2992-03DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33262DL

Manual Integrations
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Quant Time: Jul 13 22:41:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	355772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	676541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	696183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	346051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281848	52.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	104.84%		
35) Dibromofluoromethane	8.024	113	190733	46.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.32%		
50) Toluene-d8	10.446	98	863199	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.90%		
62) 4-Bromofluorobenzene	12.733	95	358472	59.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.62%		
Target Compounds						Qvalue
16) Acetone	4.296	43	22621	13.37	ug/l	96
19) Methyl tert-butyl Ether	5.623	73	353426	26.96	ug/l #	68
22) Diisopropyl ether	6.500	45	180913	13.71	ug/l	92
25) 2-Butanone	7.343	43	99513	35.42	ug/l	98
31) Cyclohexane	8.094	56	120060	15.92	ug/l #	90
37) Ethyl Acetate	7.415	43	19751	3.24	ug/l	99
39) Methylcyclohexane	9.459	83	67373	9.79	ug/l	92
40) Benzene	8.461	78	8066052	428.79	ug/l	100
52) Toluene	10.497	92	22579033m	1832.36	ug/l	
67) Ethyl Benzene	11.848	91	3593392	138.05	ug/l	97
68) m/p-Xylenes	11.953	106	4658931	473.23	ug/l	85
69) o-Xylene	12.283	106	2047051	211.48	ug/l	87
73) Isopropylbenzene	12.581	105	111488	3.99	ug/l	97
78) n-propylbenzene	12.921	91	342033	10.83	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	402409	17.79	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	1813680	81.82	ug/l	93
89) n-Butylbenzene	13.943	91	27560	1.49	ug/l #	82
95) Naphthalene	15.507	128	181224	13.06	ug/l	99

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

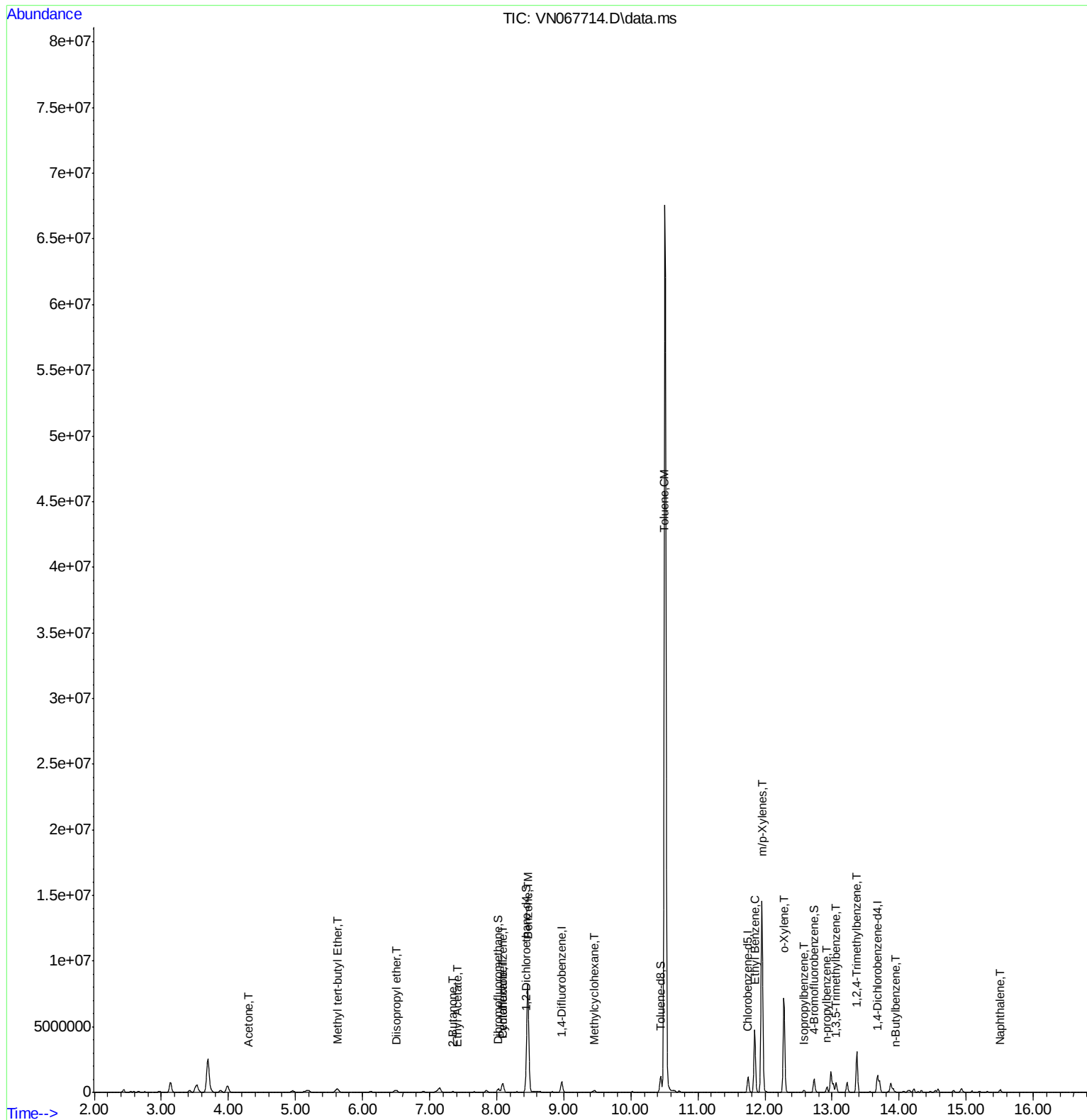
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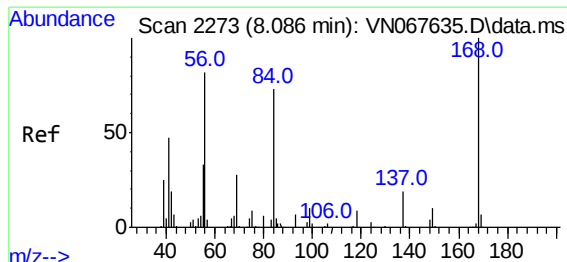
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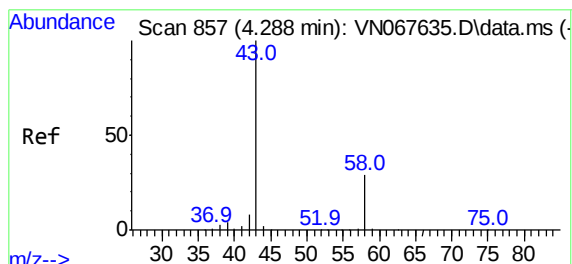
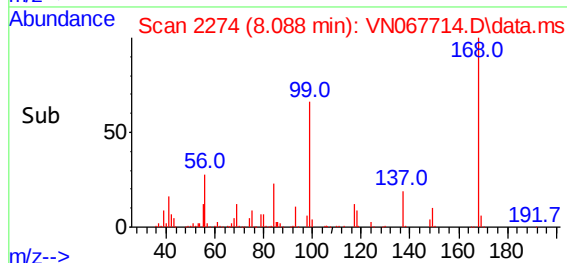
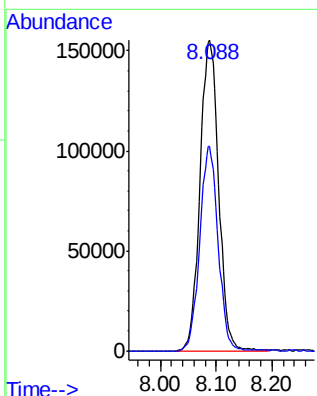
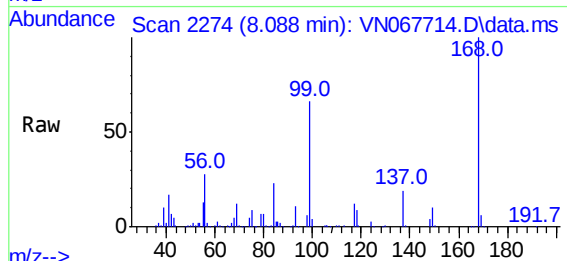
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Instrument :
MSVOA_N
ClientSampled :
33262DL

Tgt Ion:168 Resp: 355772
Ion Ratio Lower Upper
168 100
99 65.8 62.9 94.3

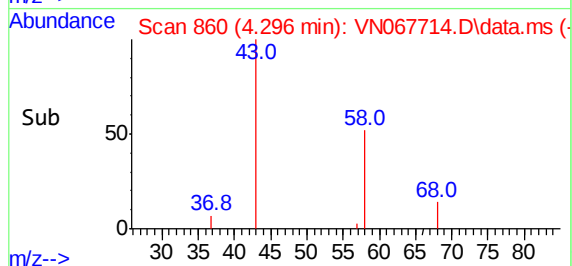
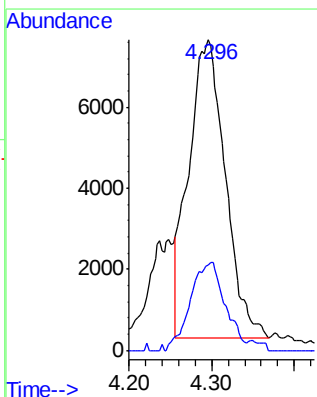
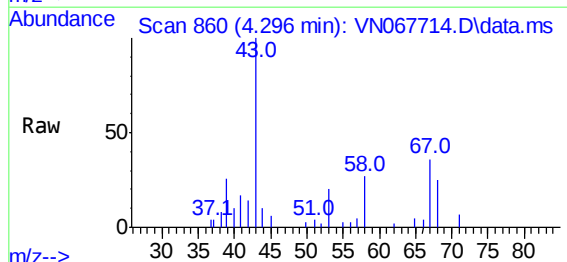
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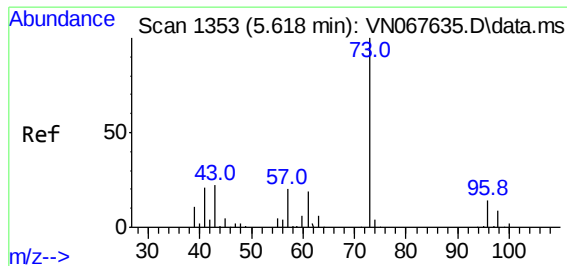
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#16
Acetone
Concen: 13.37 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 43 Resp: 22621
Ion Ratio Lower Upper
43 100
58 28.6 21.2 31.8





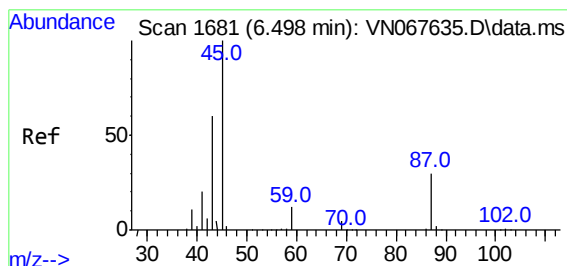
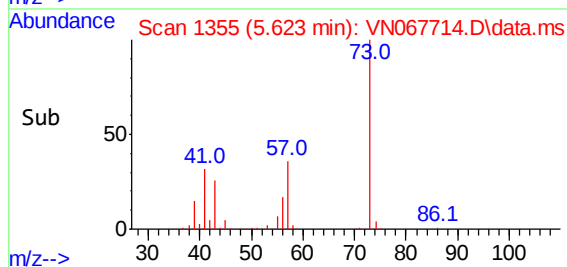
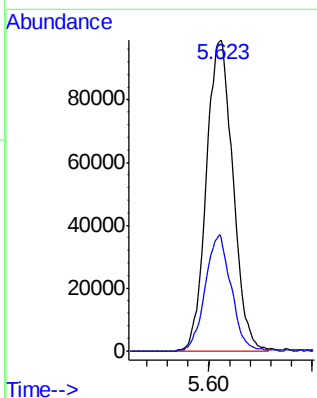
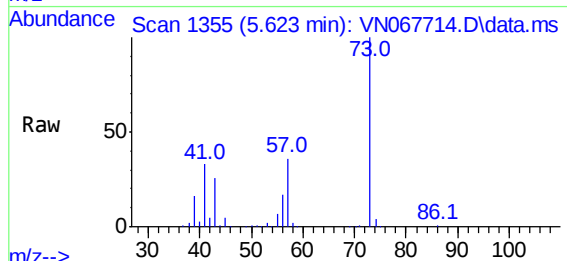
#19
Methyl tert-butyl Ether
Concen: 26.96 ug/l
RT: 5.623 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 73 Resp: 353426
Ion Ratio Lower Upper
73 100
57 36.5 17.0 25.6#

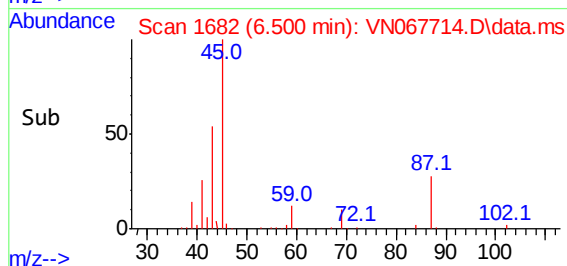
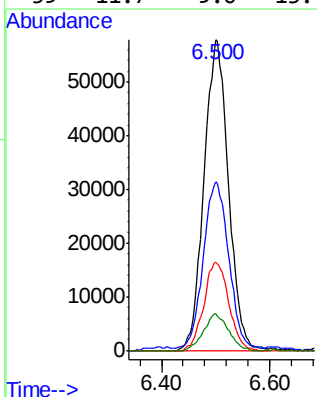
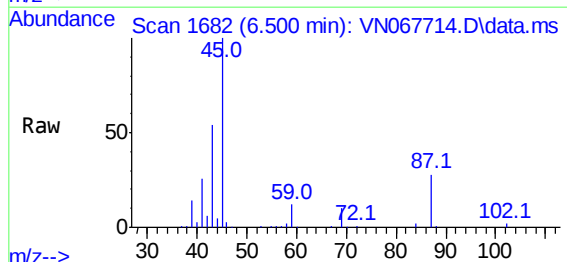
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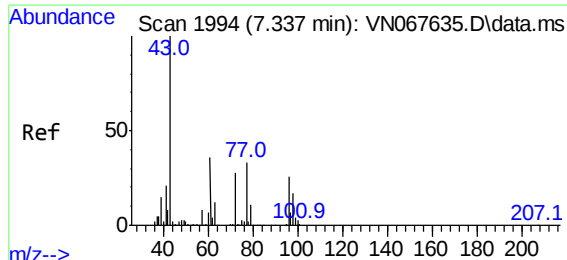
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#22
Diisopropyl ether
Concen: 13.71 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 45 Resp: 180913
Ion Ratio Lower Upper
45 100
43 53.5 49.4 74.2
87 28.3 20.9 31.3
59 11.7 9.0 13.4



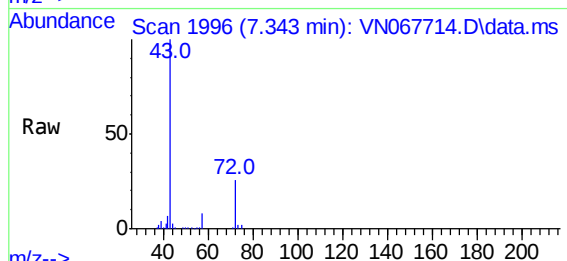


#25
2-Butanone
Concen: 35.42 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

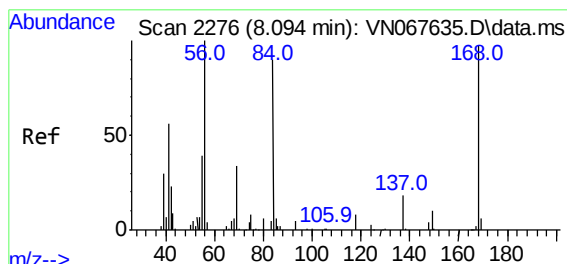
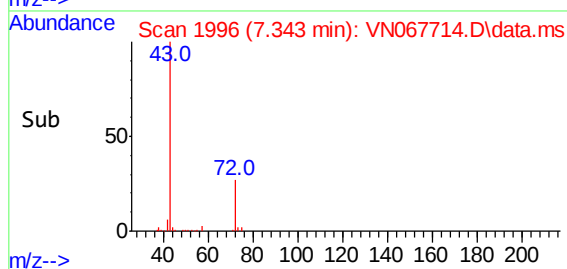
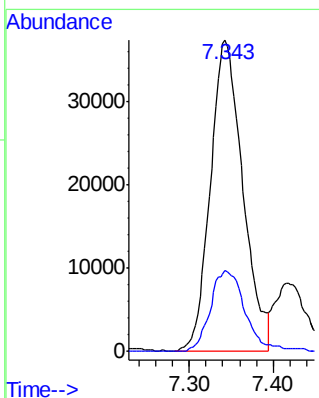
Instrument :
MSVOA_N
ClientSampleId :
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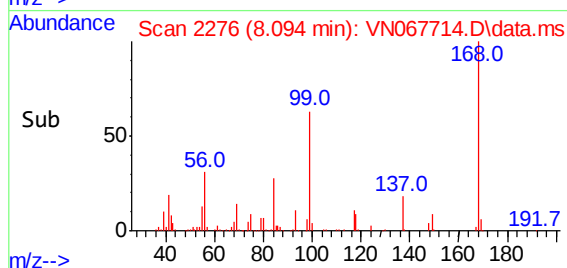
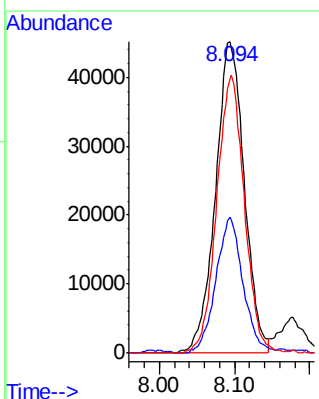
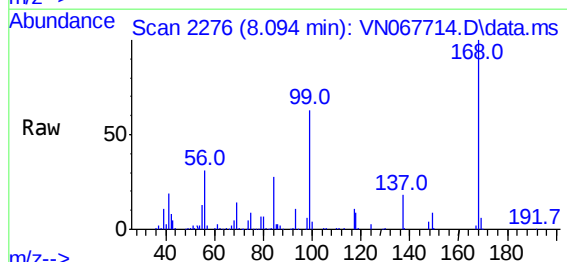


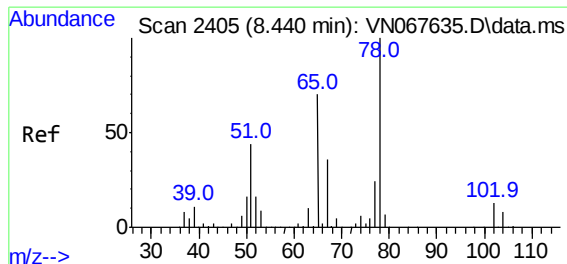
Tgt Ion: 43 Resp: 99513
Ion Ratio Lower Upper
43 100
72 25.7 19.7 29.5



#31
Cyclohexane
Concen: 15.92 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 56 Resp: 120060
Ion Ratio Lower Upper
56 100
69 43.7 27.3 40.9#
84 87.9 64.9 97.3





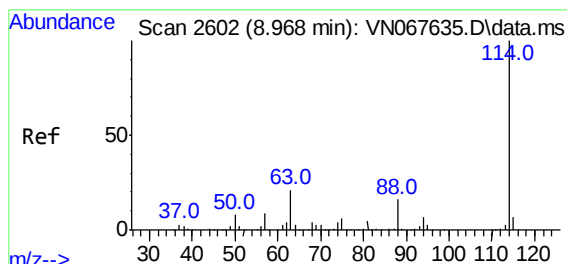
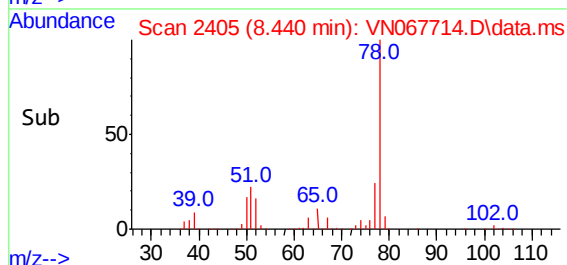
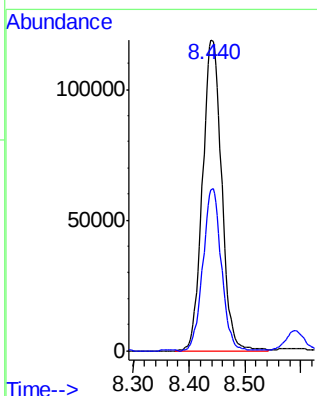
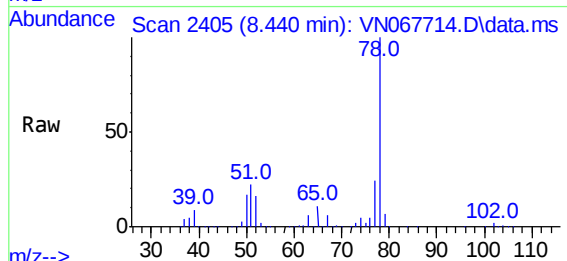
#33
 1,2-Dichloroethane-d4
 Concen: 52.42 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067714.D
 Acq: 13 Jul 2021 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 33262DL

Tgt Ion: 65 Resp: 281848
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 98.6

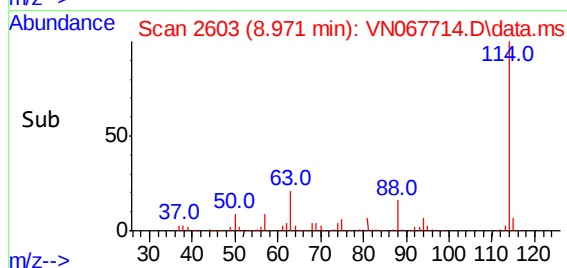
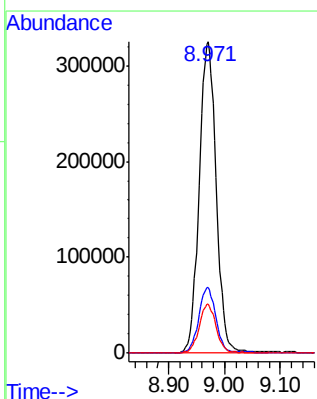
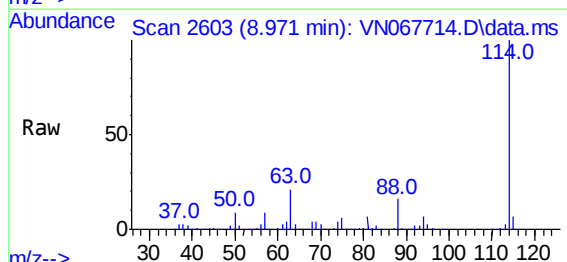
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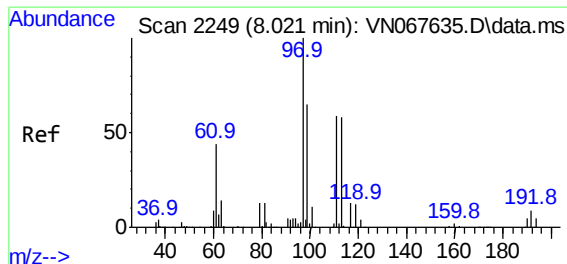
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067714.D
 Acq: 13 Jul 2021 13:35

Tgt Ion:114 Resp: 676541
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 49.0
 88 15.6 0.0 36.6



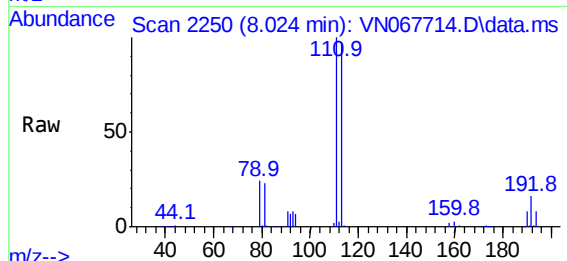


#35
 Dibromofluoromethane
 Concen: 46.66 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.003 min
 Lab File: VN067714.D
 Acq: 13 Jul 2021 13:35

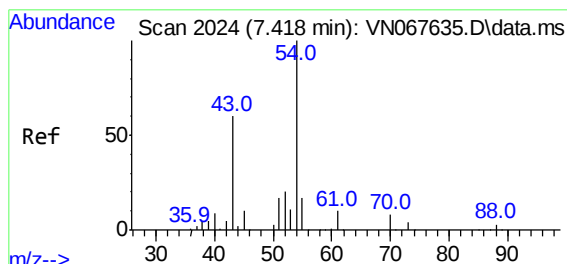
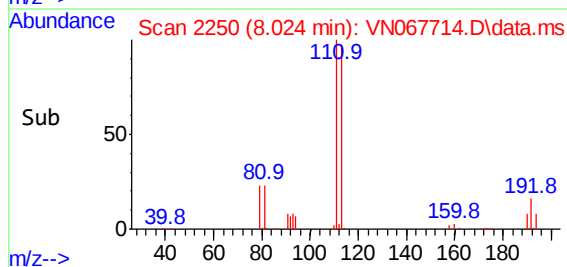
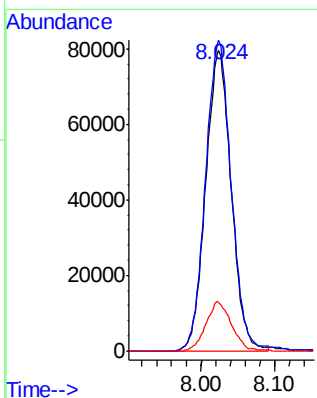
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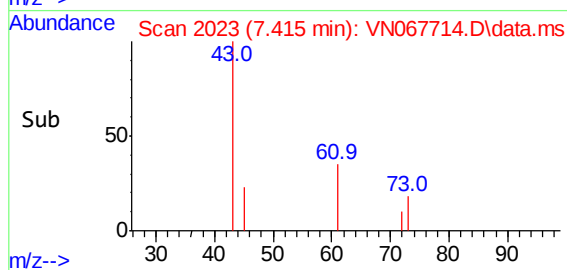
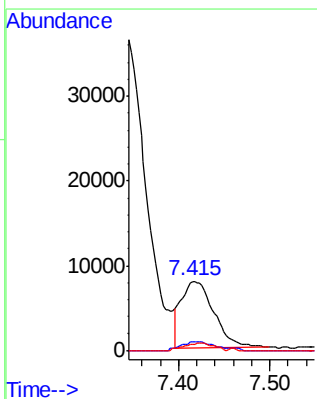
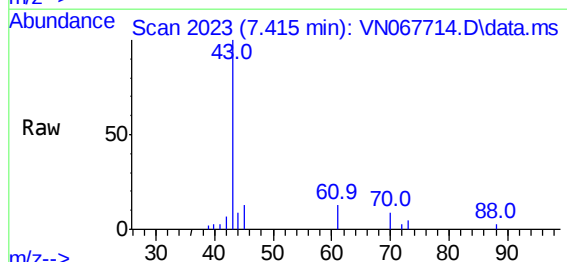


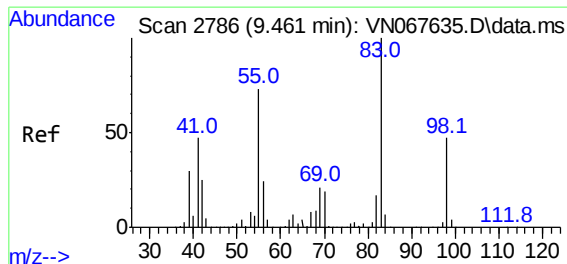
Tgt Ion:113 Resp: 190733
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.8
 192 16.3 13.4 20.0



#37
 Ethyl Acetate
 Concen: 3.24 ug/l
 RT: 7.415 min Scan# 2023
 Delta R.T. -0.003 min
 Lab File: VN067714.D
 Acq: 13 Jul 2021 13:35

Tgt Ion: 43 Resp: 19751
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.6 16.0
 70 9.8 8.1 12.1



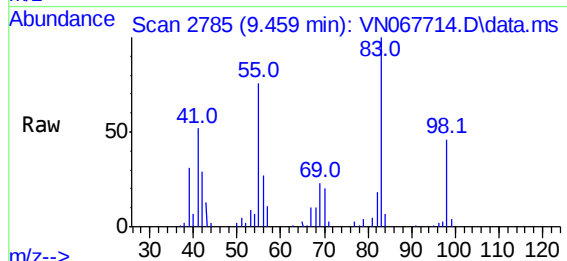


#39
Methylcyclohexane
Concen: 9.79 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

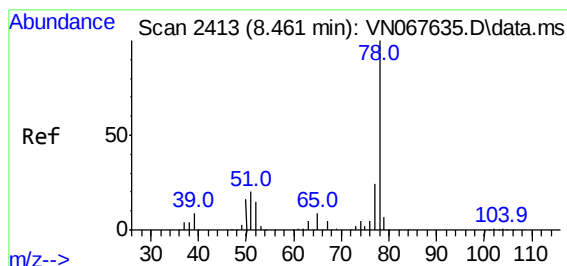
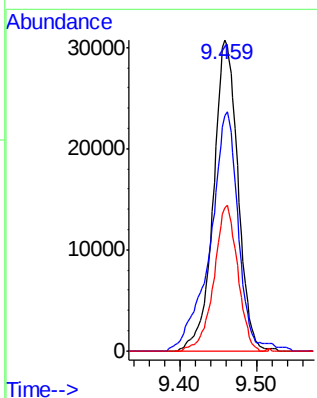
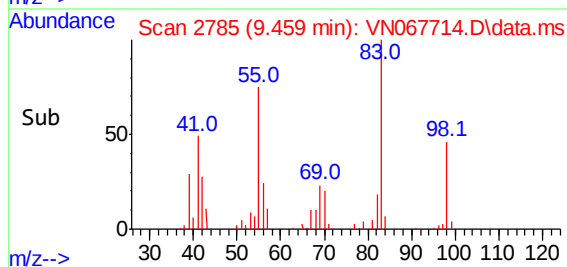
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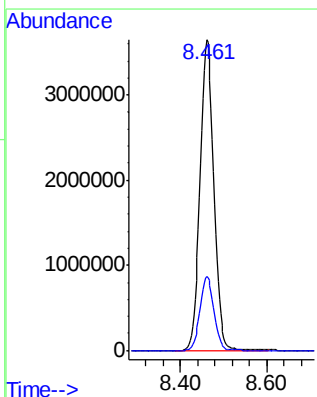
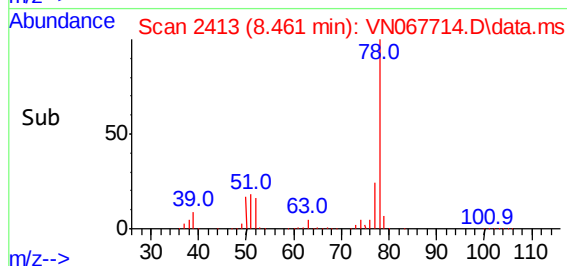
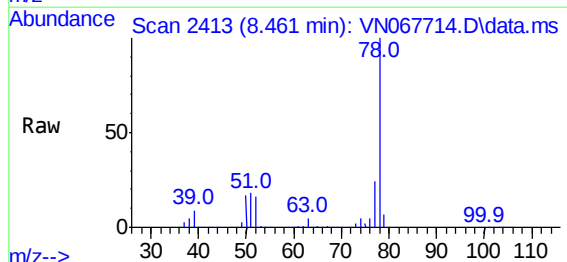


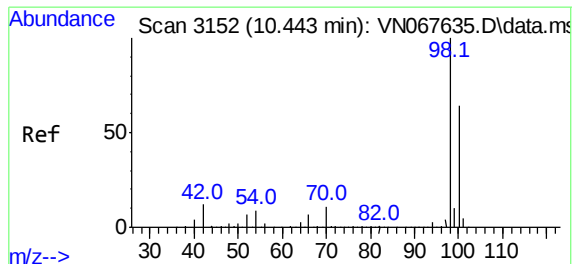
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Ion Ratio Lower Upper
83 100
55 73.7 66.6 99.8
98 46.2 35.3 52.9



#40
Benzene
Concen: 428.79 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 78 Resp: 8066052
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3



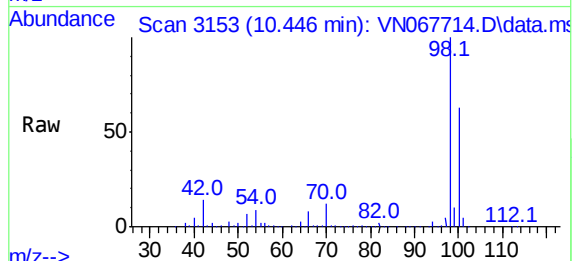


#50
Toluene-d8
Concen: 50.45 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

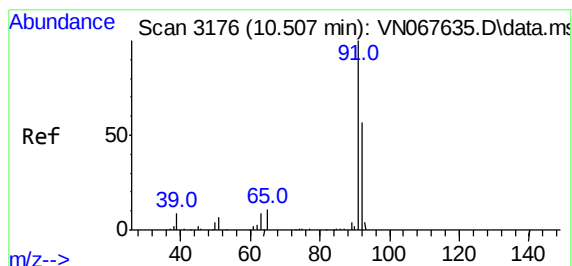
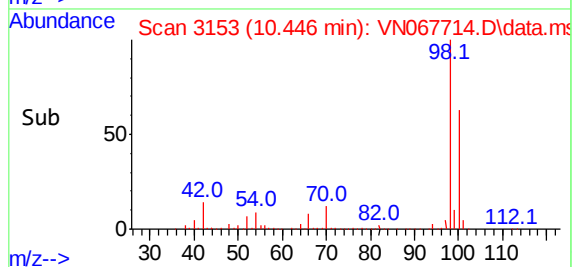
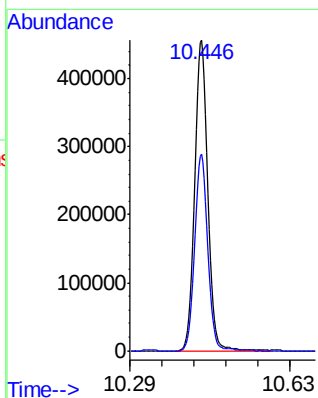
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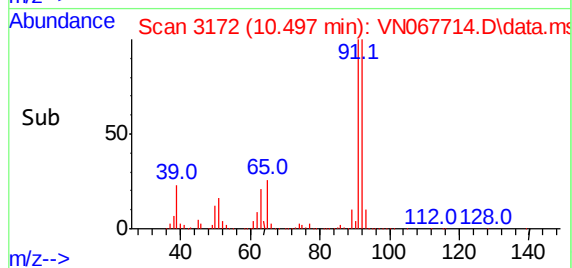
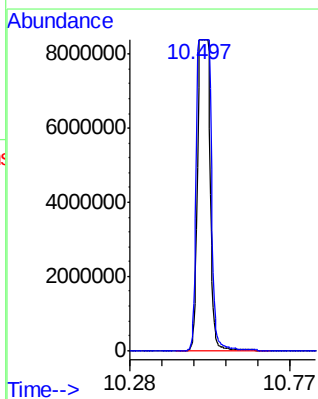
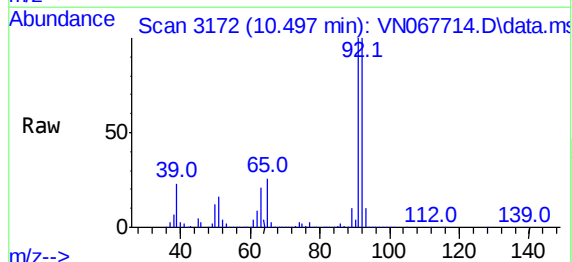


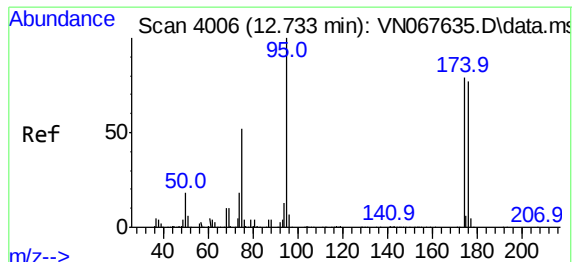
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Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#52
Toluene
Concen: 1832.36 ug/l m
RT: 10.497 min Scan# 3172
Delta R.T. -0.010 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

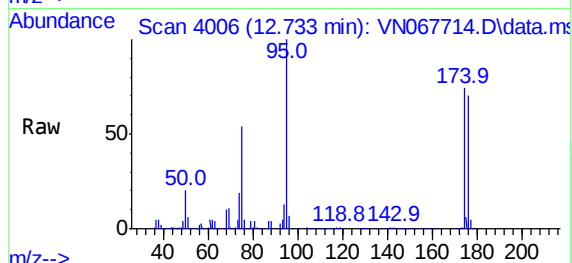
Tgt Ion: 92 Resp: 22579033
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#





#62
4-Bromofluorobenzene
Concen: 59.31 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

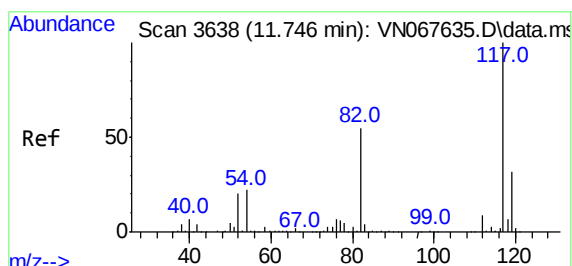
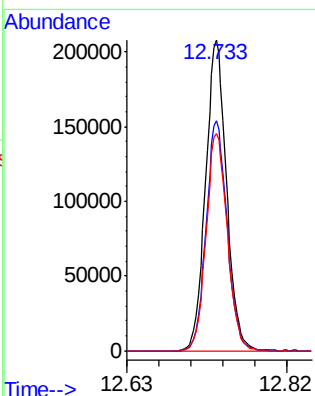
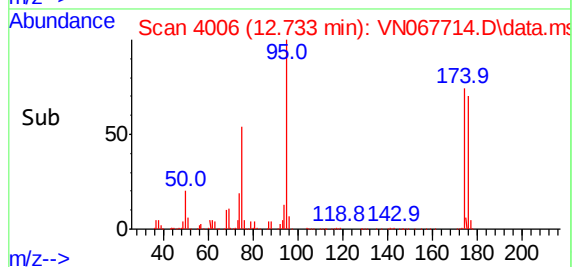
Instrument :
MSVOA_N
ClientSampleID :
33262DL



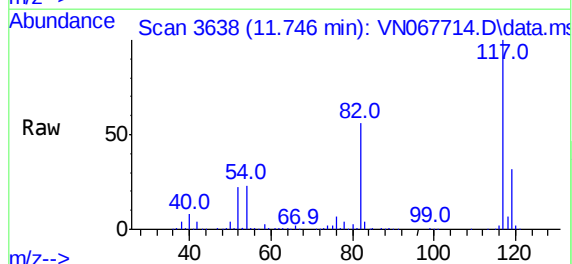
Tgt Ion: 95 Resp: 358472
Ion Ratio Lower Upper
95 100
174 74.5 0.0 122.0
176 70.8 0.0 117.6

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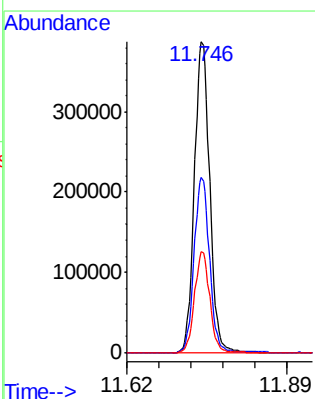
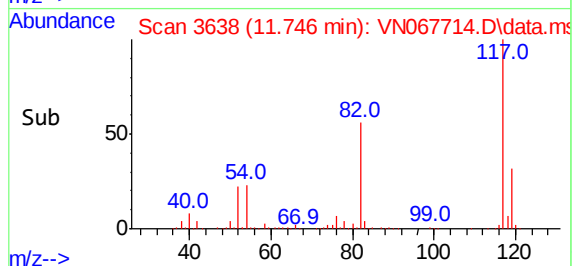
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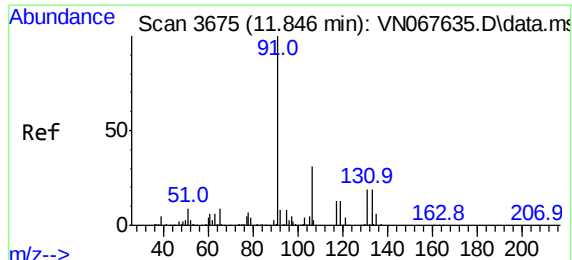


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35



Tgt Ion: 117 Resp: 696183
Ion Ratio Lower Upper
117 100
82 56.2 53.1 79.7
119 32.2 25.5 38.3



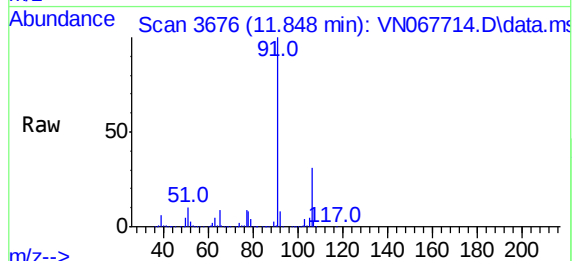


#67
Ethyl Benzene
Concen: 138.05 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

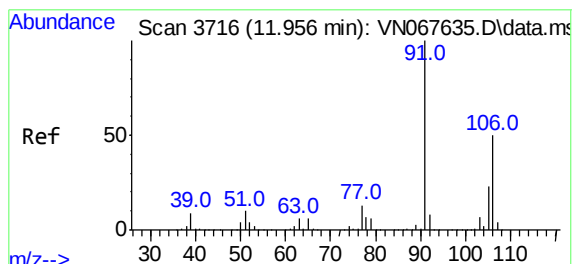
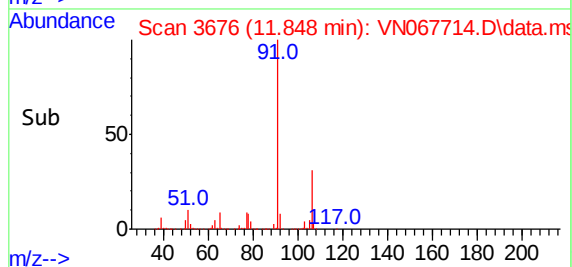
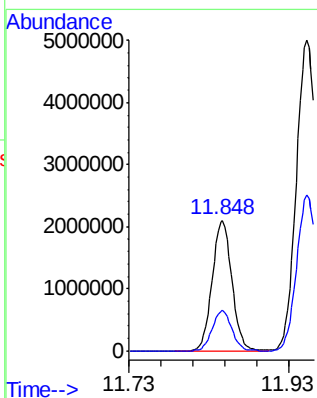
Instrument :
MSVOA_N
ClientSampleId :
33262DL

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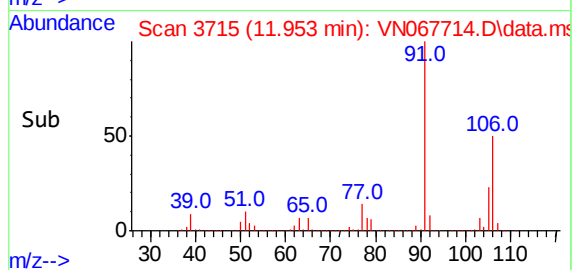
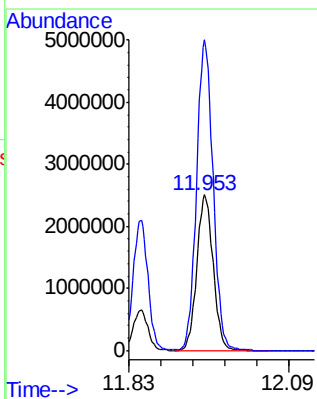
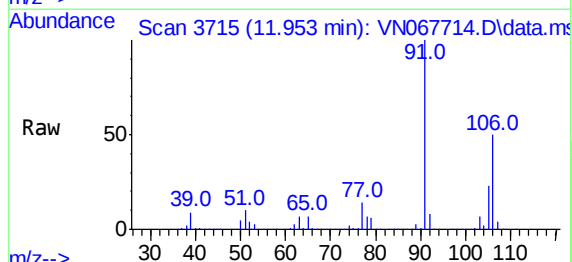


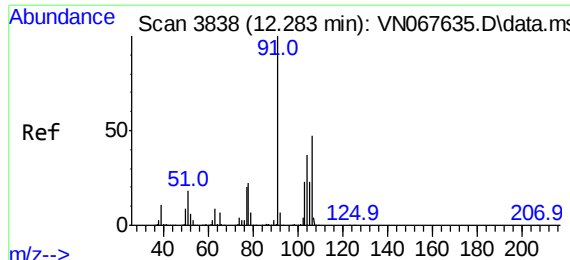
Tgt Ion: 91 Resp: 3593392
Ion Ratio Lower Upper
91 100
106 30.8 23.4 35.0



#68
m/p-Xylenes
Concen: 473.23 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 106 Resp: 4658931
Ion Ratio Lower Upper
106 100
91 201.9 180.6 270.8



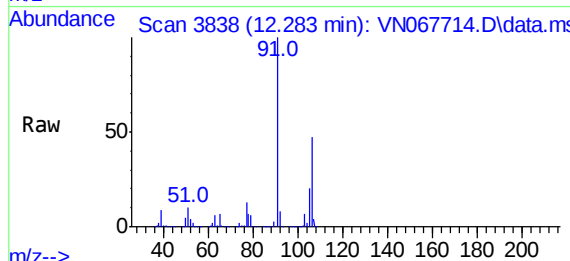


#69
o-Xylene
Concen: 211.48 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

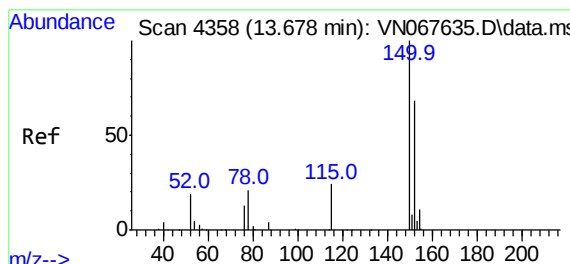
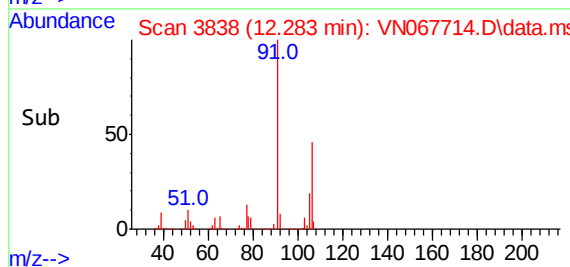
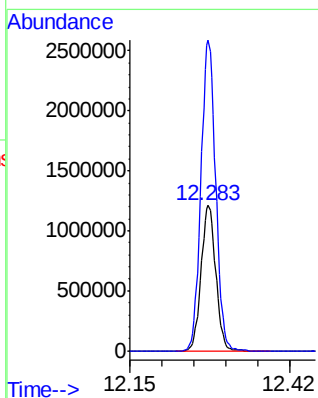
Instrument :
MSVOA_N
ClientSampleId :
33262DL

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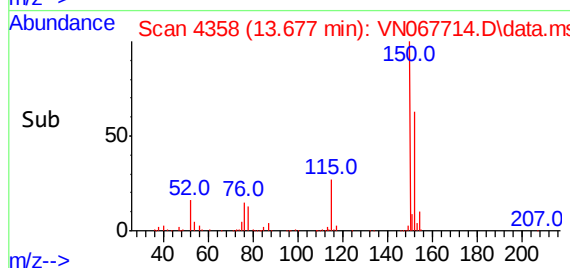
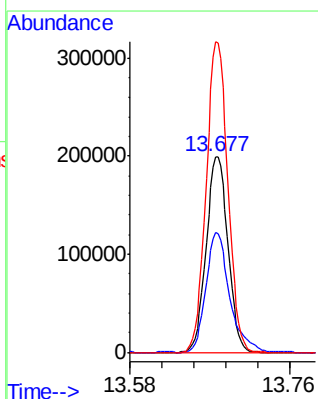
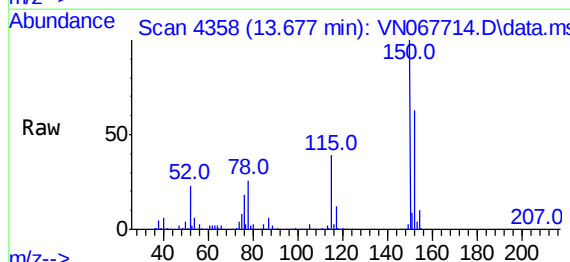


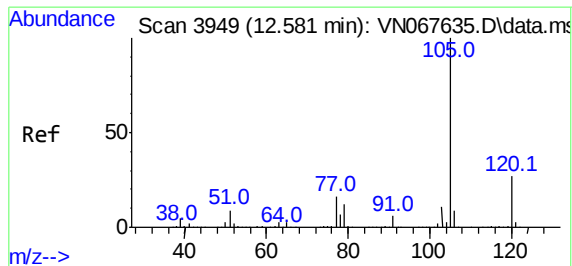
Tgt Ion:106 Resp: 2047051
Ion Ratio Lower Upper
106 100
91 215.5 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion:152 Resp: 346051
Ion Ratio Lower Upper
152 100
115 67.6 36.1 108.5
150 158.4 0.0 351.8





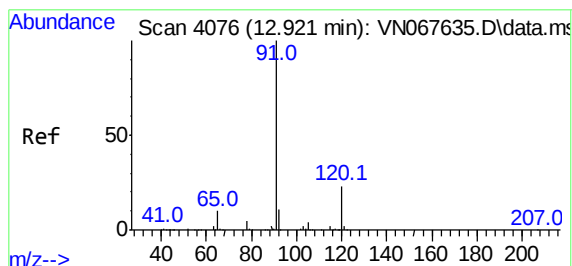
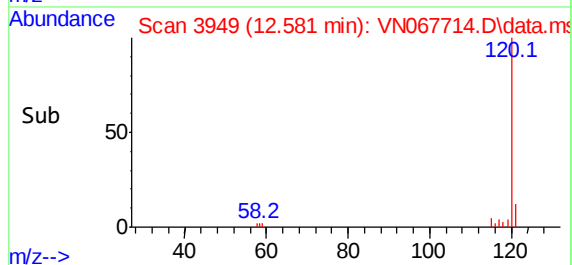
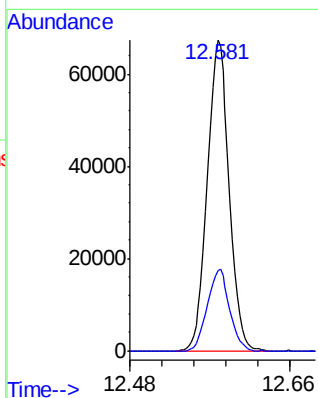
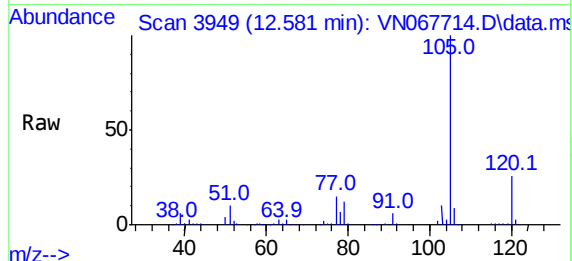
#73
Isopropylbenzene
Concen: 3.99 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Instrument :
MSVOA_N
ClientSampled :
33262DL

Tgt Ion:105 Resp: 111488
Ion Ratio Lower Upper
105 100
120 26.6 12.5 37.5

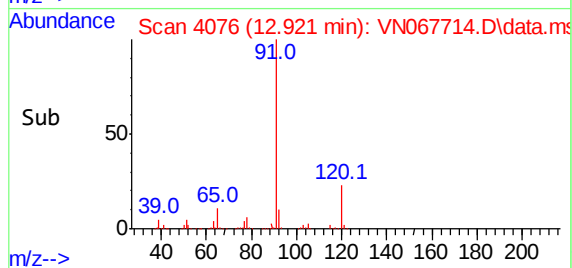
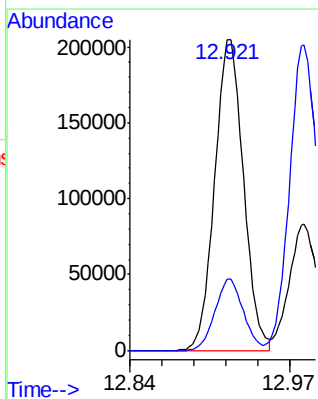
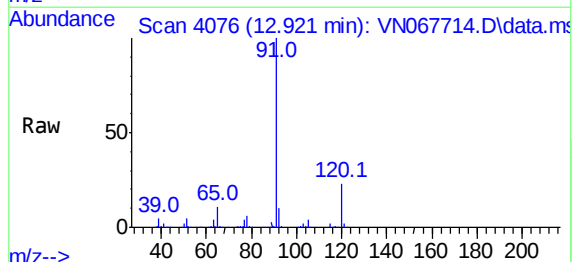
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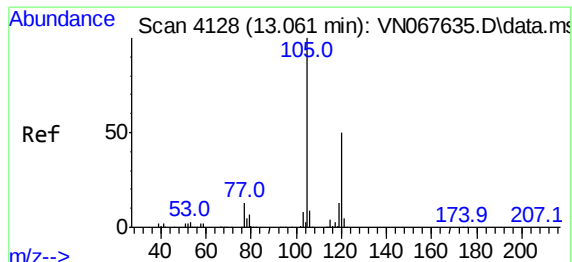
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#78
n-propylbenzene
Concen: 10.83 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 91 Resp: 342033
Ion Ratio Lower Upper
91 100
120 22.5 10.4 31.4



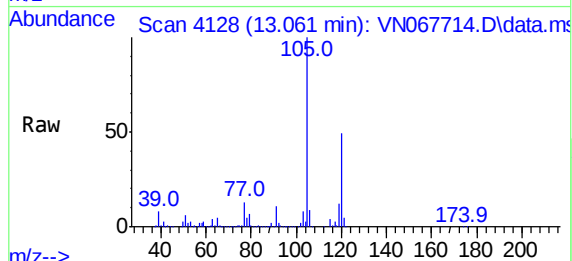


#80
1,3,5-Trimethylbenzene
Concen: 17.79 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

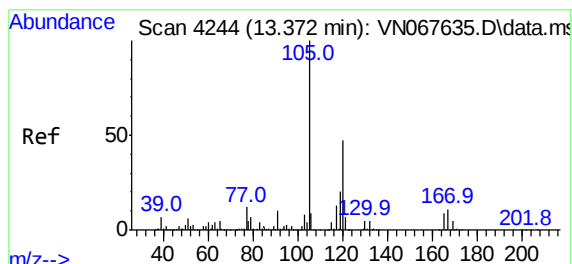
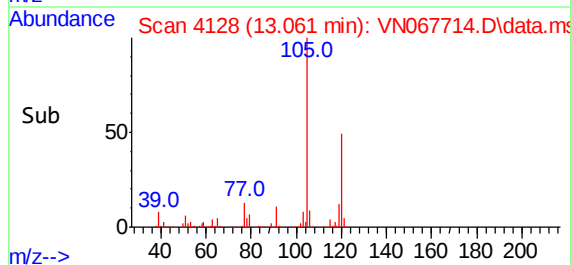
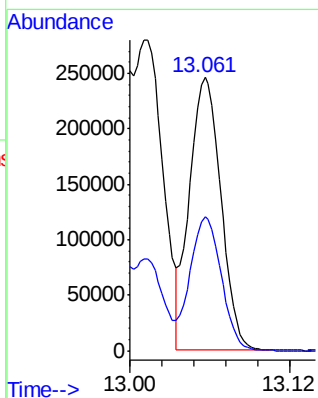
Instrument :
MSVOA_N
ClientSampled :
33262DL

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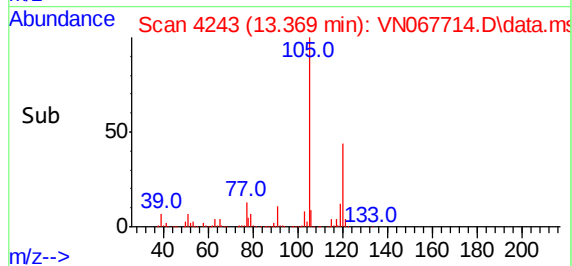
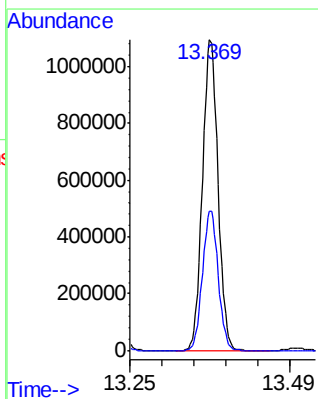
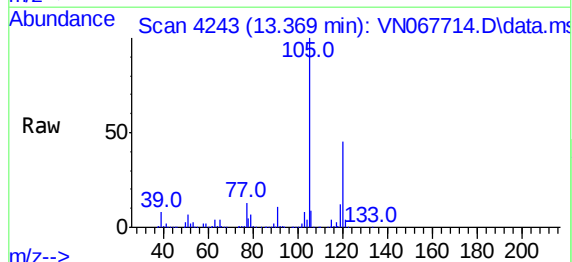


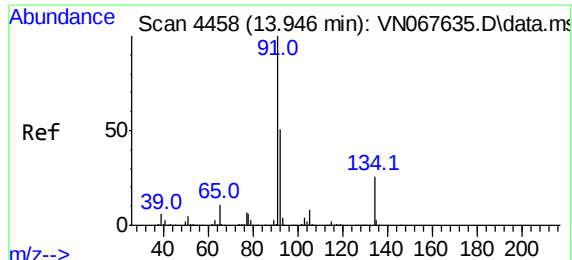
Tgt Ion:105 Resp: 402409
Ion Ratio Lower Upper
105 100
120 48.7 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 81.82 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion:105 Resp: 1813680
Ion Ratio Lower Upper
105 100
120 45.3 20.6 61.8



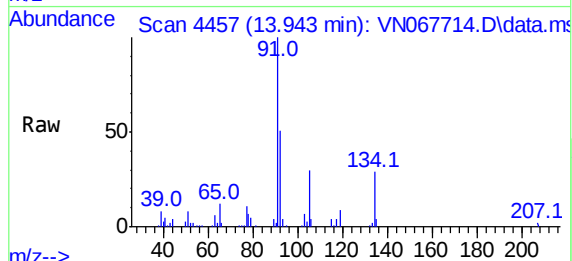


#89
n-Butylbenzene
Concen: 1.49 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

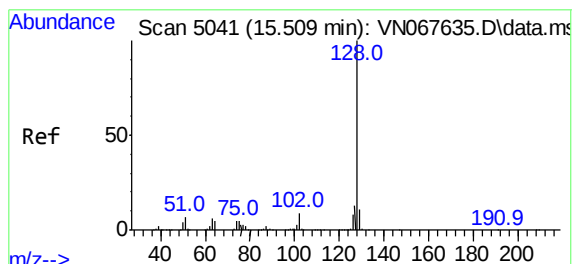
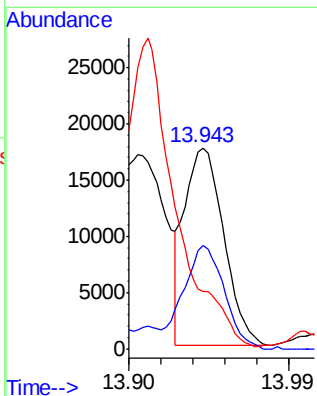
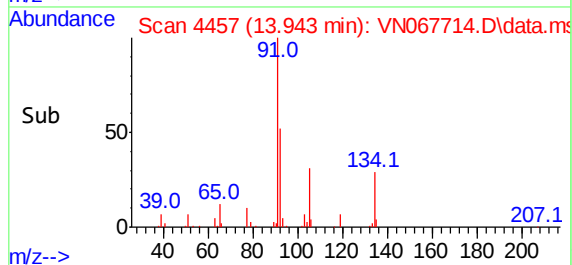
Instrument :
MSVOA_N
ClientSampleId :
33262DL

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Tgt Ion: 91 Resp: 27560
Ion Ratio Lower Upper
91 100
92 54.8 25.7 77.1
134 0.0 11.2 33.6#



#95
Naphthalene
Concen: 13.06 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067714.D
Acq: 13 Jul 2021 13:35

Tgt Ion: 128 Resp: 181224
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.0 8.6 12.8

