

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068014.D
 Acq On : 5 Aug 2021 14:29
 Operator : JC/MD
 Sample : M3261-07DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41937DL

Quant Time: Aug 05 15:56:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	304069	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	577011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	560967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	209222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237088	55.078	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.160%
35) Dibromofluoromethane	8.027	113	181906	54.095	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.180%
50) Toluene-d8	10.443	98	733070	47.450	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.733	95	247593	44.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.440%

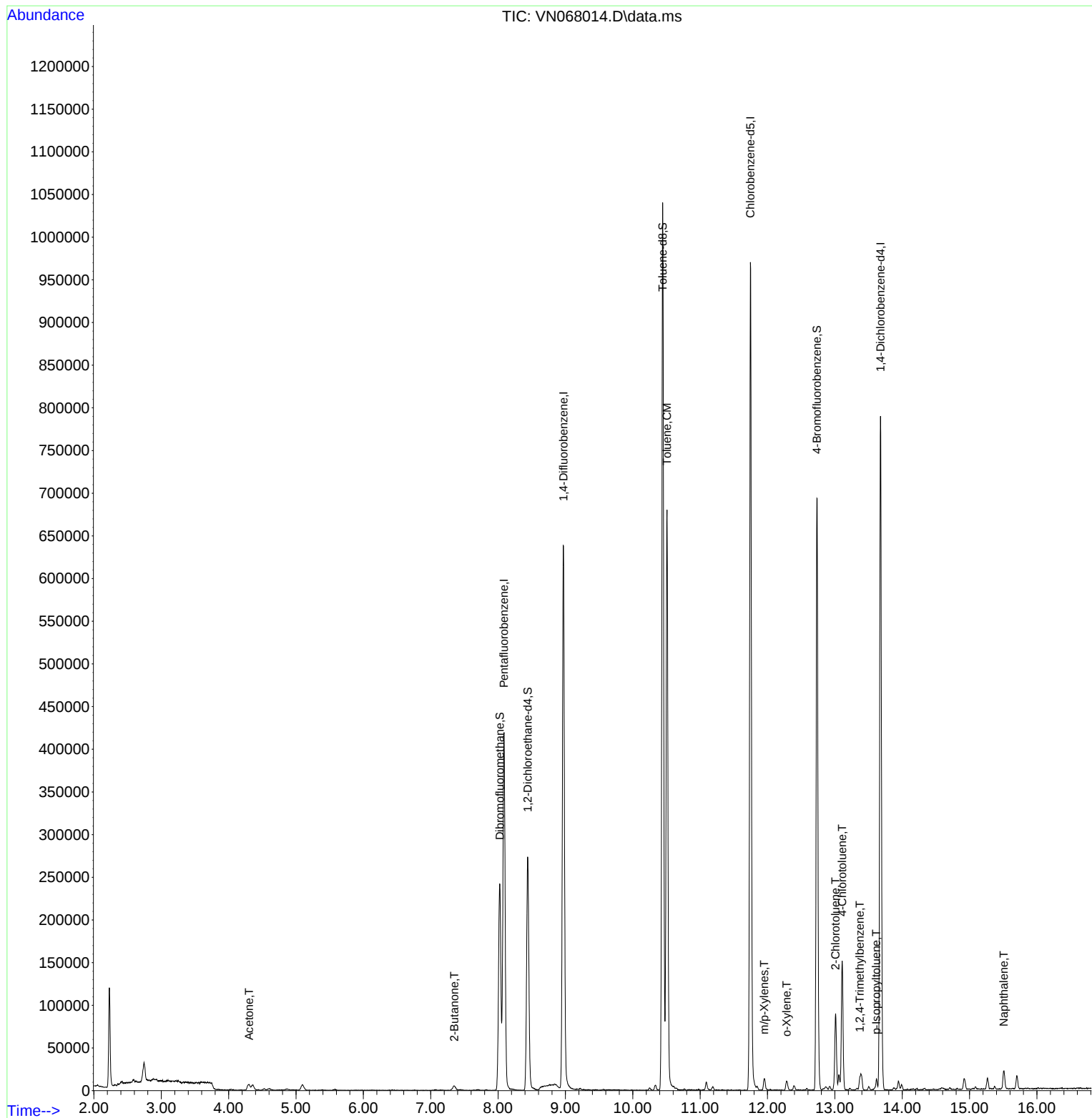
Target Compounds						Qvalue
16) Acetone	4.301	43	13541	8.621	ug/l	92
25) 2-Butanone	7.351	43	8113	3.560	ug/l	# 90
52) Toluene	10.507	92	298220	29.046	ug/l	98
68) m/p-Xylenes	11.950	106	4928	4.595	ug/l	77
69) o-Xylene	12.283	106	2743	0.367	ug/l	91
79) 2-Chlorotoluene	13.010	91	52885	4.505	ug/l	95
82) 4-Chlorotoluene	13.109	91	94215	7.993	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	8174	0.610	ug/l	91
86) p-Isopropyltoluene	13.616	119	4145	0.324	ug/l	96
95) Naphthalene	15.507	128	21238	5.403	ug/l	96

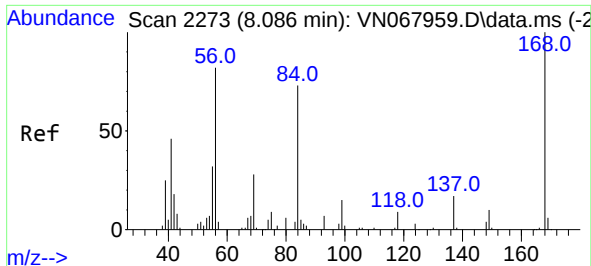
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
Data File : VN068014.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Aug 05 15:56:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

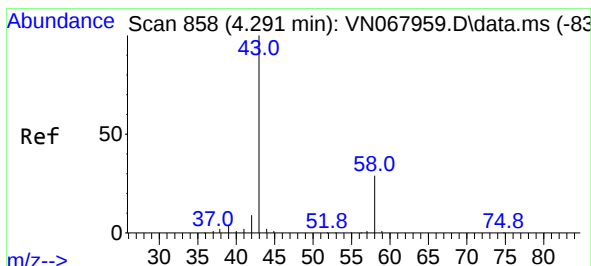
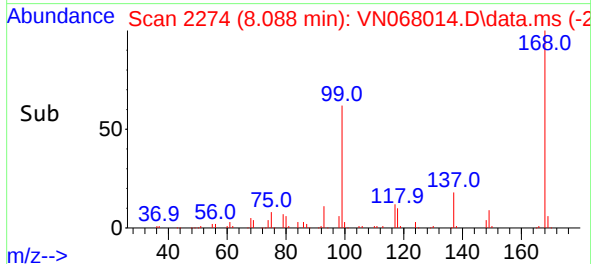
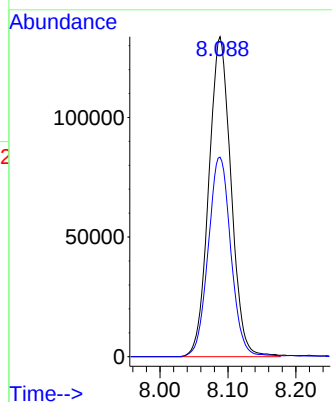
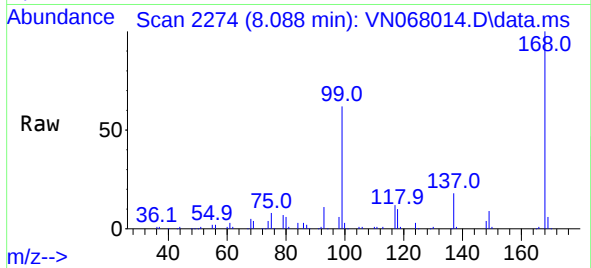




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

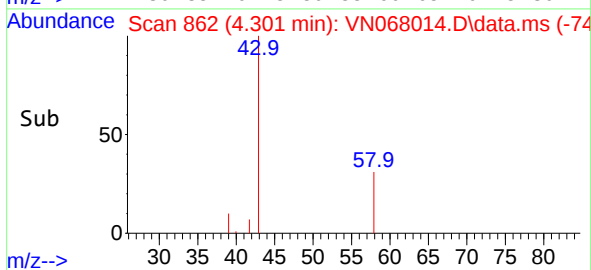
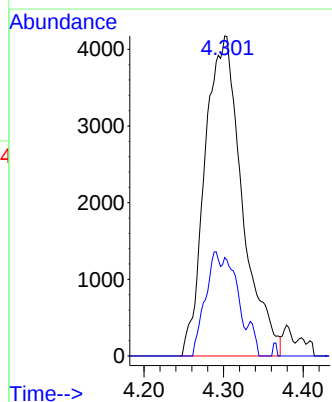
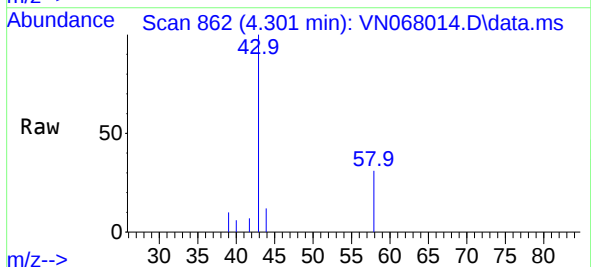
Instrument :
MSVOA_N
ClientSampleId :
41937DL

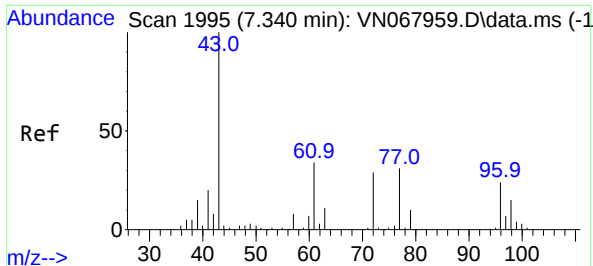
Tgt Ion:168 Resp: 304069
Ion Ratio Lower Upper
168 100
99 62.4 62.9 94.3#



#16
Acetone
Concen: 8.621 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 43 Resp: 13541
Ion Ratio Lower Upper
43 100
58 30.8 21.2 31.8

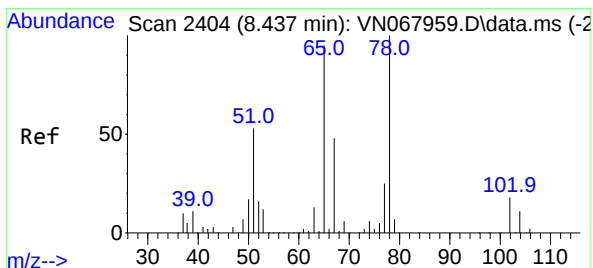
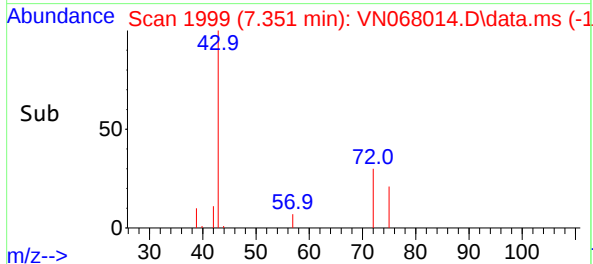
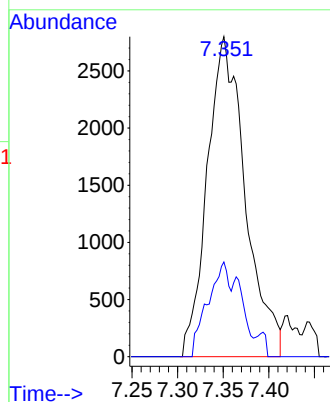
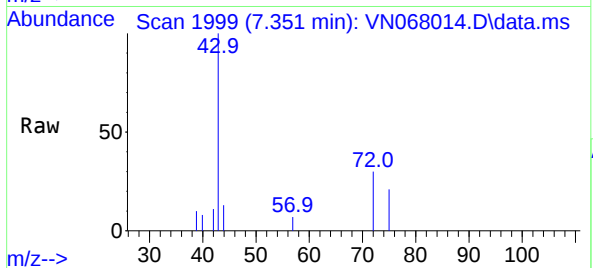




#25
2-Butanone
Concen: 3.560 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

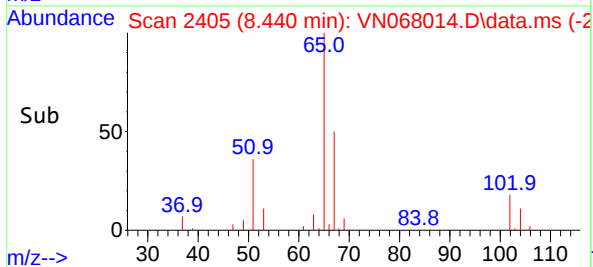
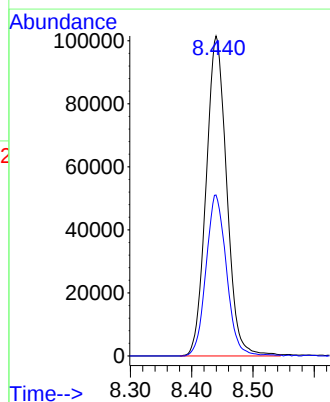
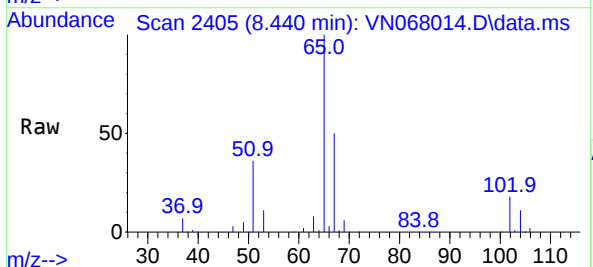
Instrument :
MSVOA_N
ClientSampled :
41937DL

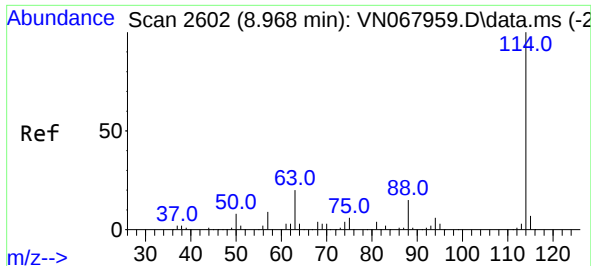
Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
72 29.6 19.7 29.5#



#33
1,2-Dichloroethane-d4
Concen: 55.078 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 65 Resp: 237088
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.6

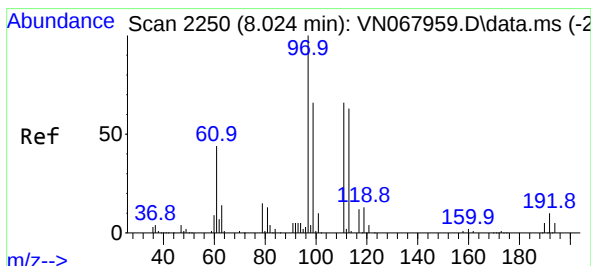
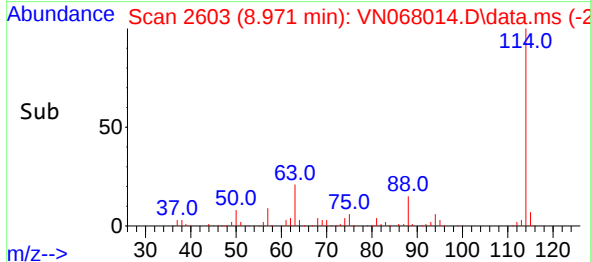
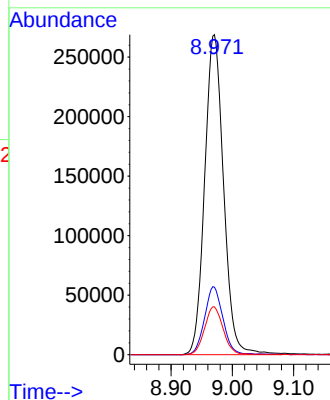
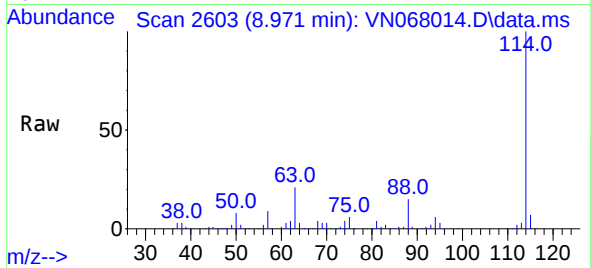




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

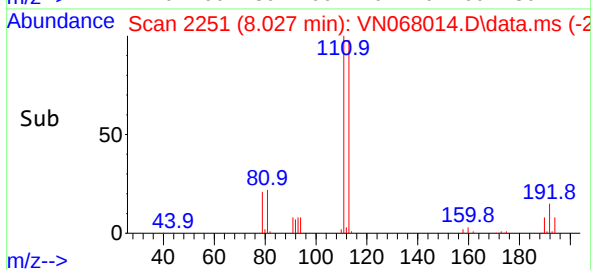
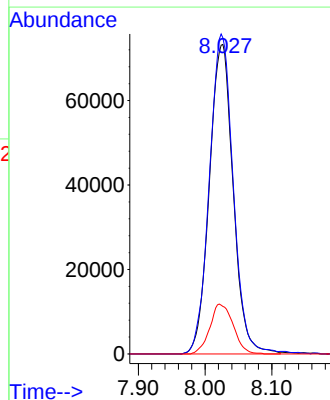
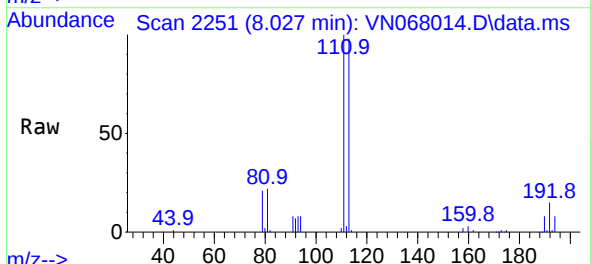
Instrument :
MSVOA_N
ClientSampled :
41937DL

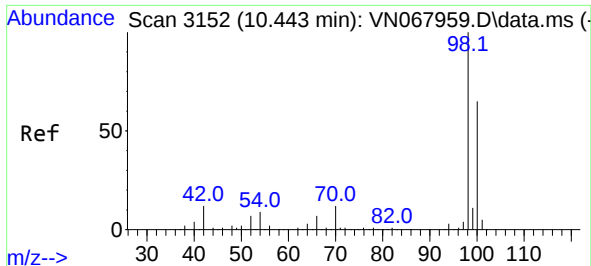
Tgt Ion:114 Resp: 577011
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.095 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion:113 Resp: 181906
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 15.8 13.4 20.0

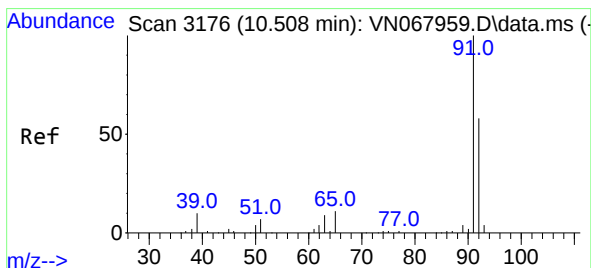
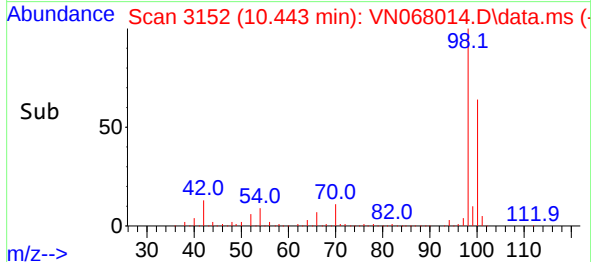
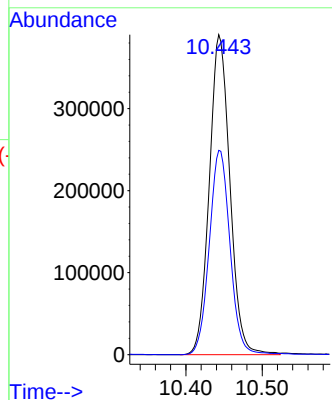
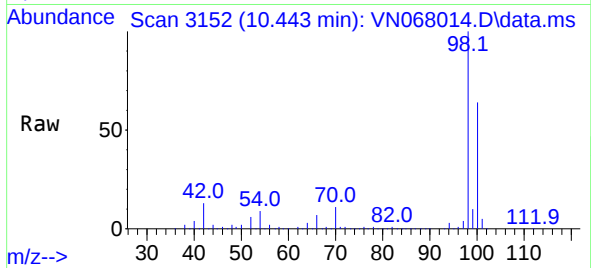




#50
Toluene-d8
Concen: 47.450 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

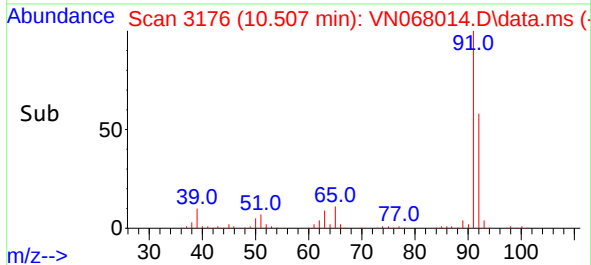
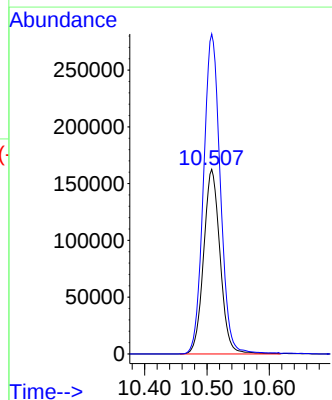
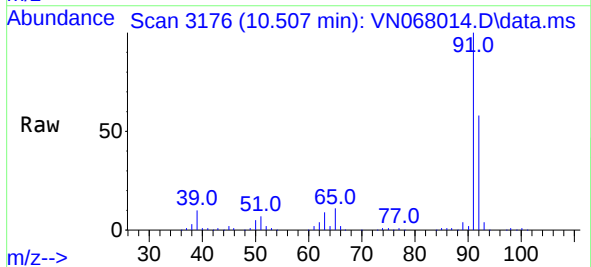
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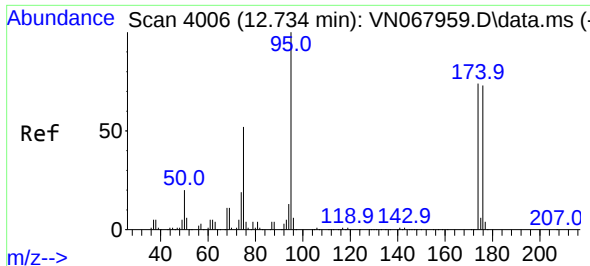
Tgt Ion: 98 Resp: 733070
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 29.046 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 92 Resp: 298220
Ion Ratio Lower Upper
92 100
91 177.1 139.6 209.4

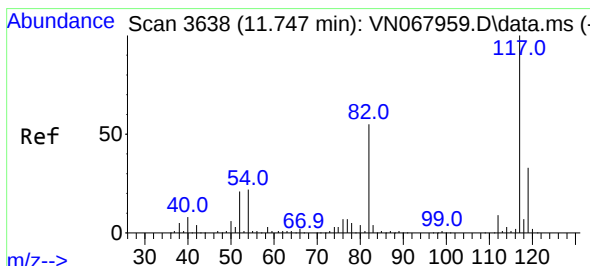
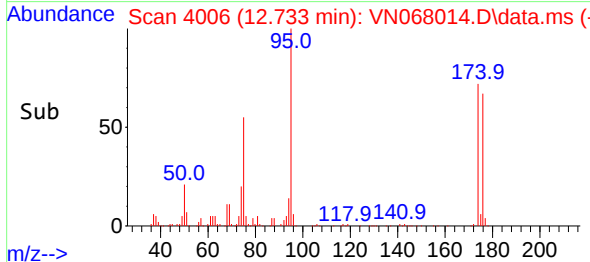
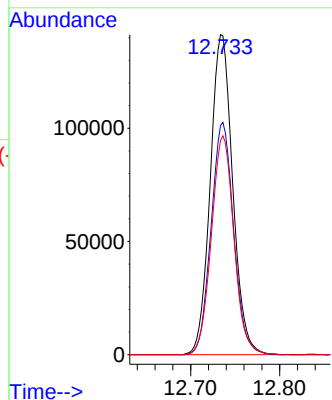
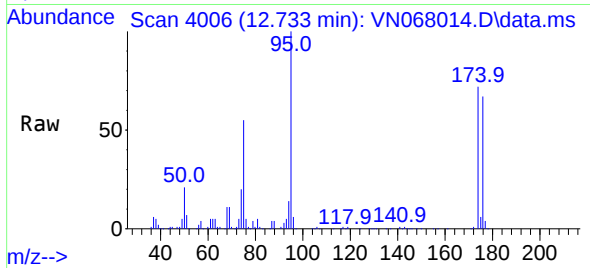




#62
4-Bromofluorobenzene
Concen: 44.225 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

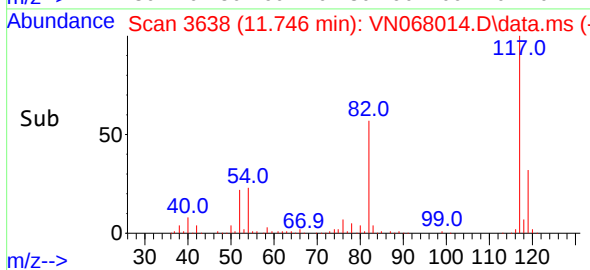
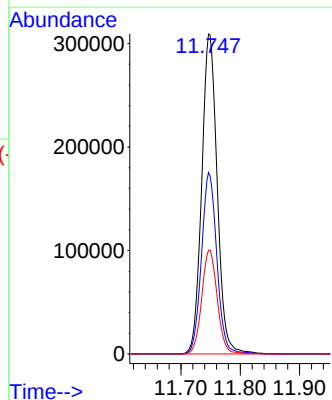
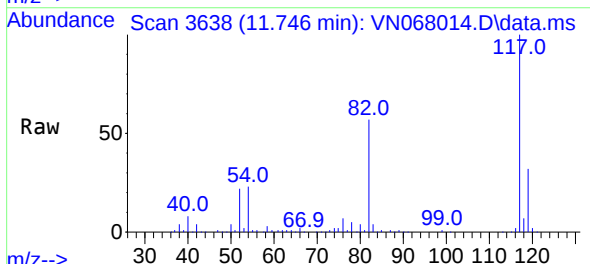
Instrument :
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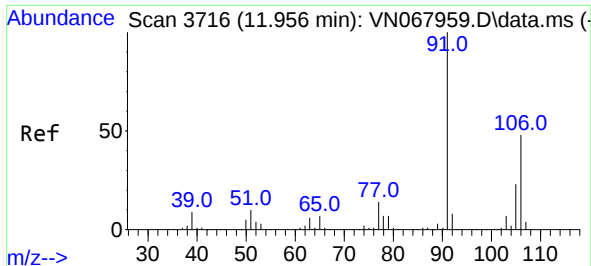
Tgt Ion: 95 Resp: 247593
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 68.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 117 Resp: 560967
Ion Ratio Lower Upper
117 100
82 56.7 53.1 79.7
119 32.4 25.5 38.3

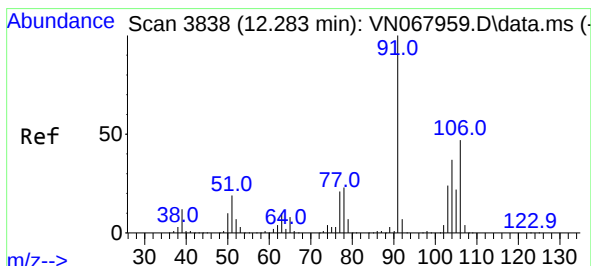
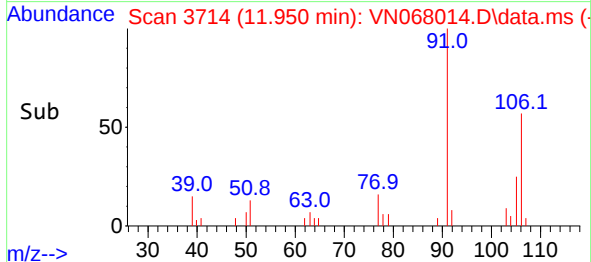
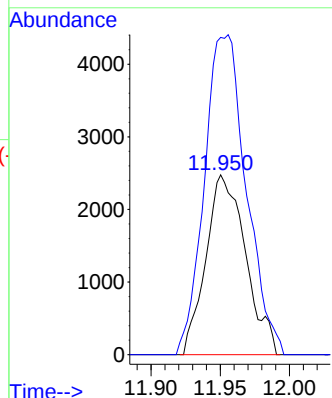
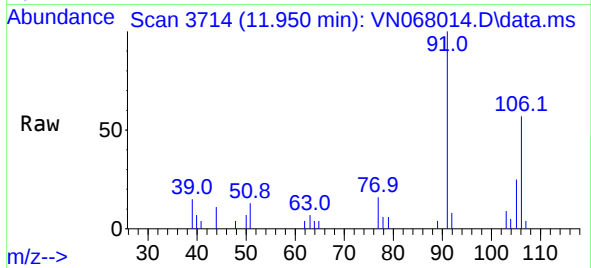




#68
m/p-Xylenes
Concen: 4.595 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

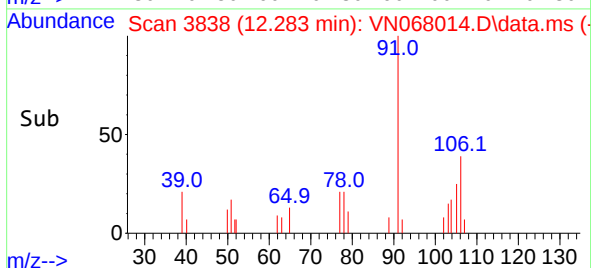
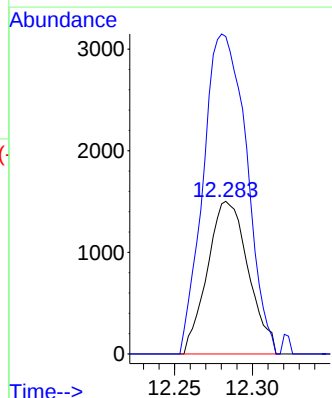
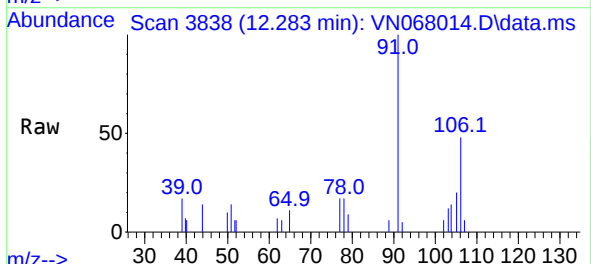
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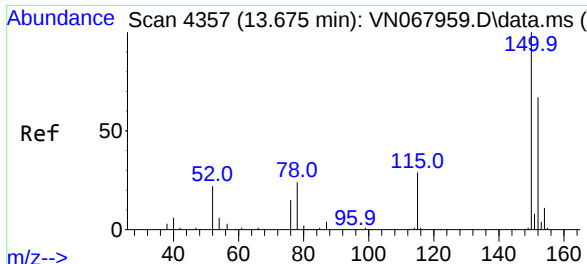
Tgt Ion:106 Resp: 4928
Ion Ratio Lower Upper
106 100
91 187.9 180.6 270.8



#69
o-Xylene
Concen: 0.367 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion:106 Resp: 2743
Ion Ratio Lower Upper
106 100
91 221.3 118.3 354.9

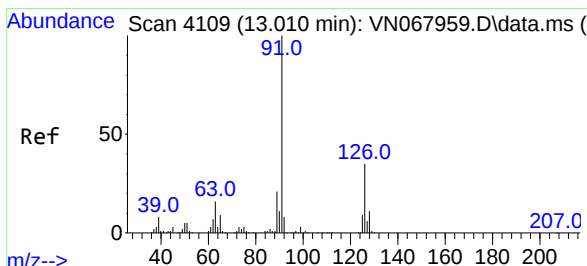
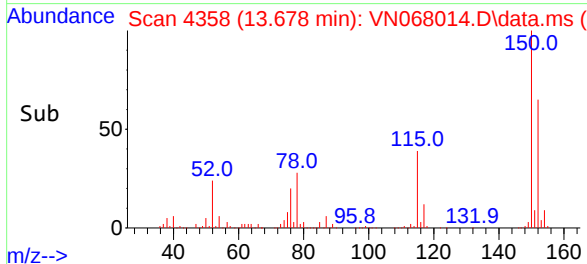
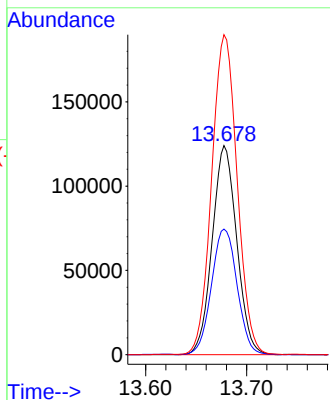
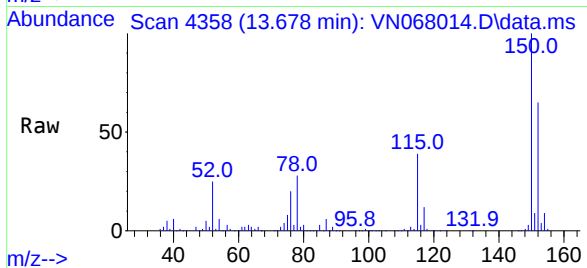




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

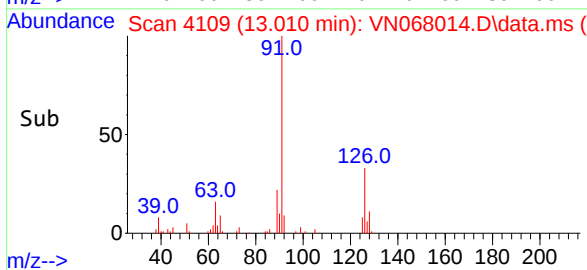
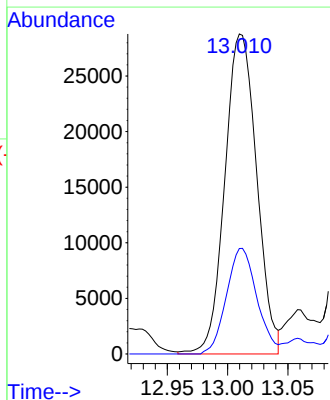
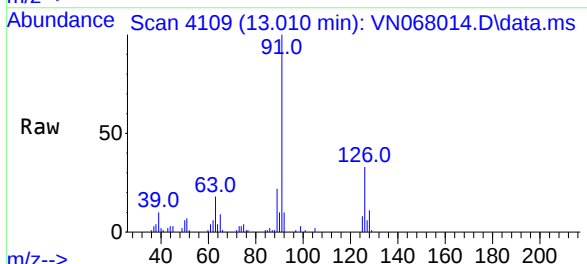
Instrument :
MSVOA_N
ClientSampleId :
41937DL

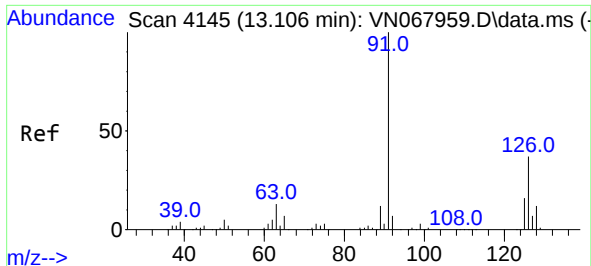
Tgt Ion:152 Resp: 209222
Ion Ratio Lower Upper
152 100
115 62.9 36.1 108.5
150 158.9 0.0 351.8



#79
2-Chlorotoluene
Concen: 4.505 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 91 Resp: 52885
Ion Ratio Lower Upper
91 100
126 31.5 14.5 43.5

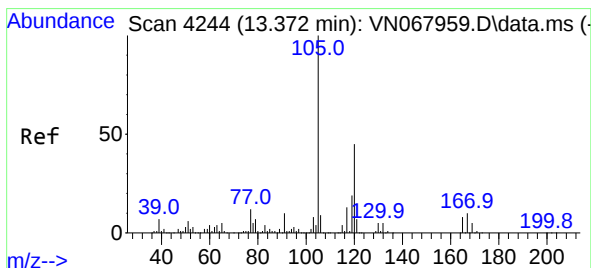
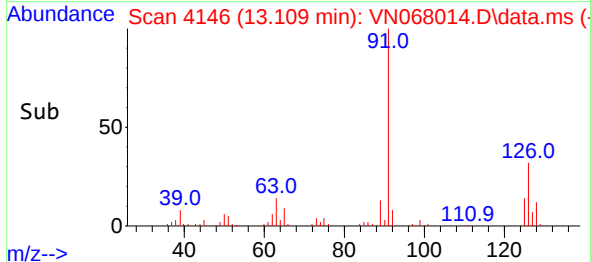
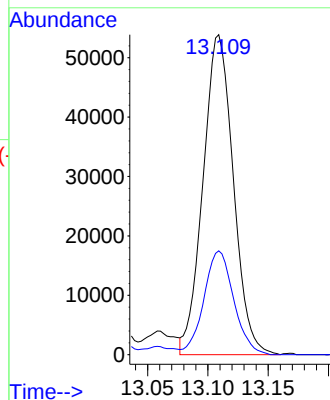
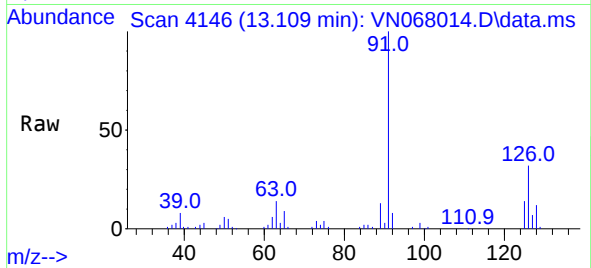




#82
4-Chlorotoluene
Concen: 7.993 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

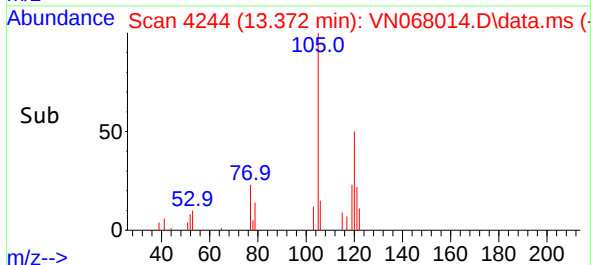
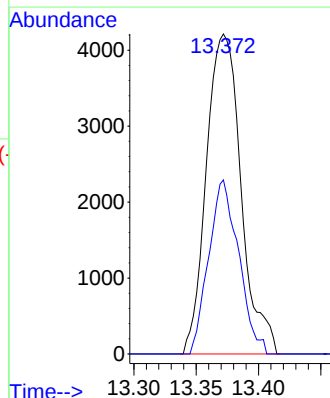
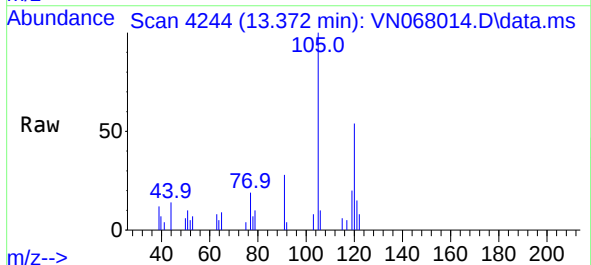
Instrument :
MSVOA_N
ClientSampled :
41937DL

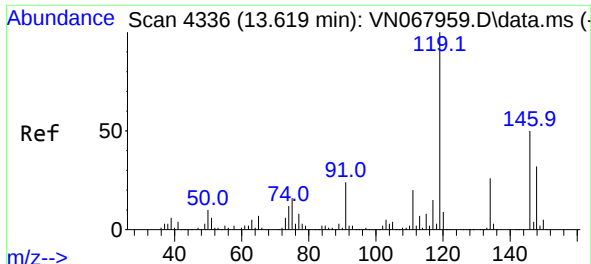
Tgt Ion: 91 Resp: 94215
Ion Ratio Lower Upper
91 100
126 32.0 14.8 44.4



#84
1,2,4-Trimethylbenzene
Concen: 0.610 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068014.D
Acq: 5 Aug 2021 14:29

Tgt Ion: 105 Resp: 8174
Ion Ratio Lower Upper
105 100
120 46.9 20.6 61.8



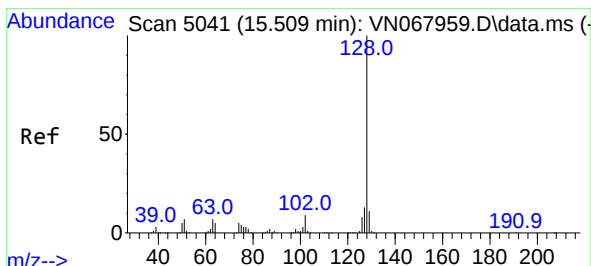
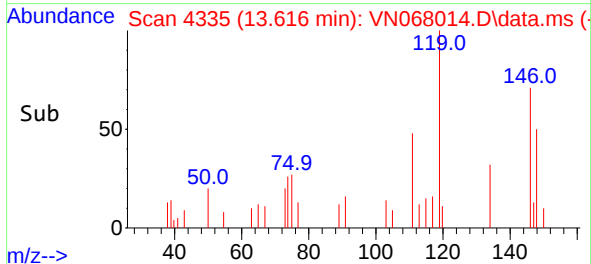
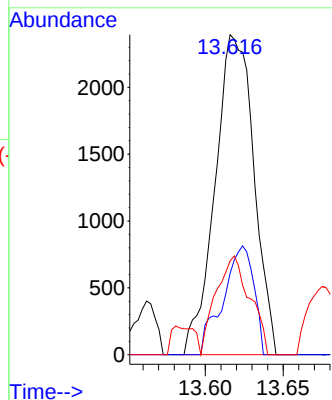
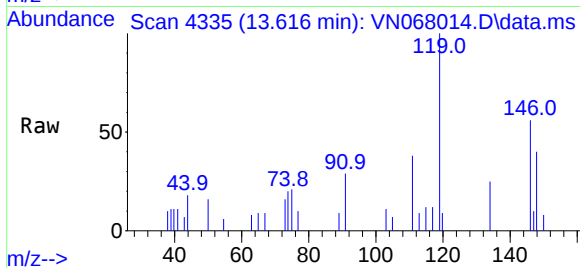


#86
 p-Isopropyltoluene
 Concen: 0.324 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN068014.D
 Acq: 5 Aug 2021 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 41937DL

Tgt Ion:119 Resp: 4145

Ion	Ratio	Lower	Upper
119	100		
134	26.9	12.4	37.4
91	26.9	14.8	44.3



#95
 Naphthalene
 Concen: 5.403 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. -0.002 min
 Lab File: VN068014.D
 Acq: 5 Aug 2021 14:29

Tgt Ion:128 Resp: 21238

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.6	15.8
129	9.4	8.6	12.8

