

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068902.D
 Acq On : 13 Oct 2021 17:13
 Operator : JC/MD
 Sample : M4175-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30784

Quant Time: Oct 14 06:43:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	402892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	656249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	592847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	271329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	232601	43.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.58%
35) Dibromofluoromethane	8.018	113	190616	49.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.84%
50) Toluene-d8	10.443	98	780552	51.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.18%
62) 4-Bromofluorobenzene	12.733	95	285956	49.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.22%

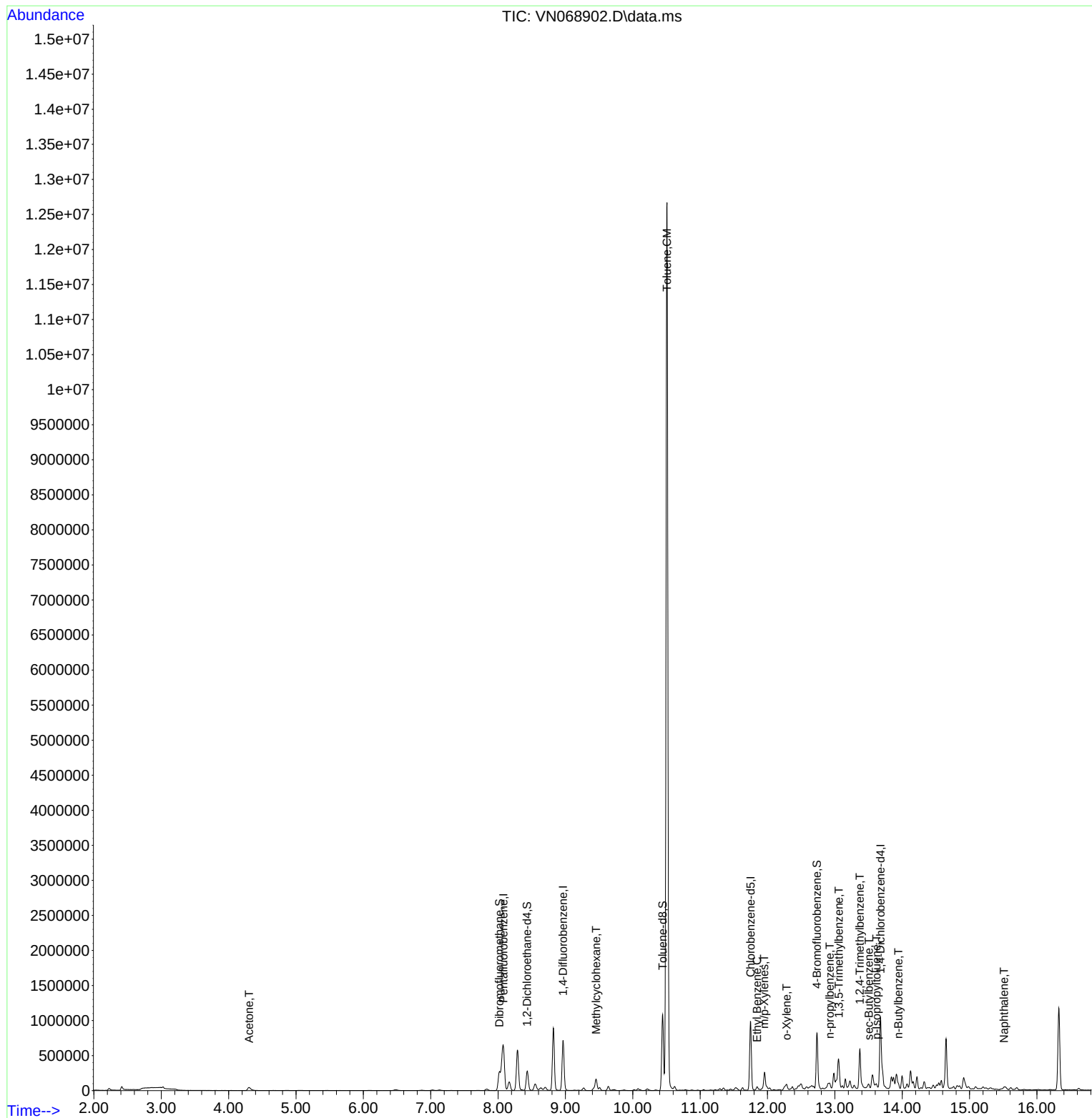
Target Compounds						Qvalue
16) Acetone	4.301	43	95217	48.03	ug/l	97
39) Methylcyclohexane	9.456	83	65324	9.05	ug/l	99
52) Toluene	10.507	92	5736859	522.41	ug/l	99
67) Ethyl Benzene	11.846	91	33803	1.62	ug/l	97
68) m/p-Xylenes	11.953	106	31114	3.94	ug/l	98
69) o-Xylene	12.283	106	18683	2.36	ug/l	98
78) n-propylbenzene	12.924	91	60241	2.37	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	101667	5.40	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	332103	18.32	ug/l	99
85) sec-Butylbenzene	13.503	105	32720	1.44	ug/l	79
86) p-Isopropyltoluene	13.618	119	32407	1.78	ug/l	98
89) n-Butylbenzene	13.943	91	38638	2.55	ug/l #	77
95) Naphthalene	15.509	128	20879	5.34	ug/l	97

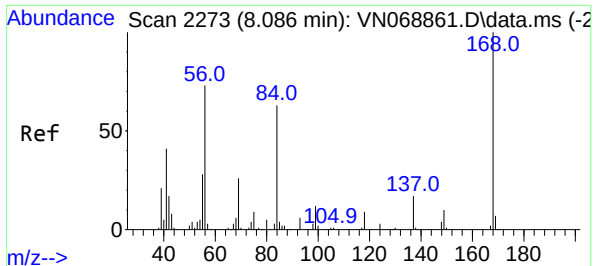
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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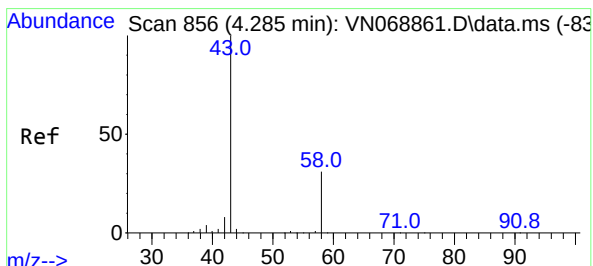
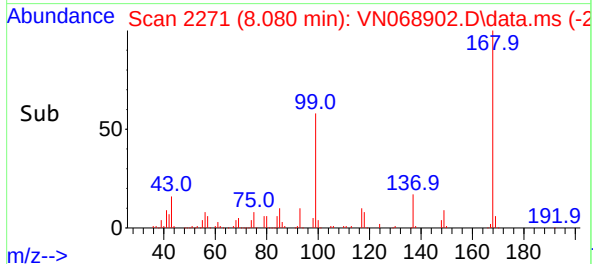
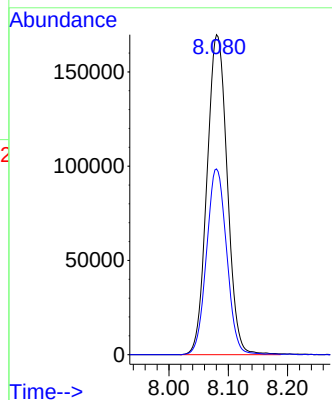
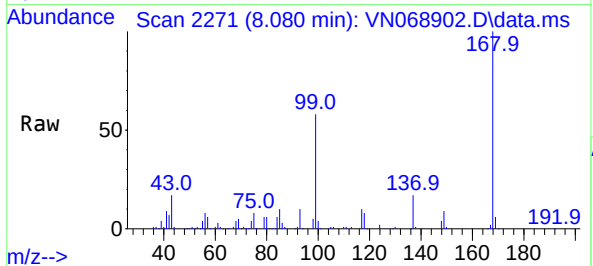




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

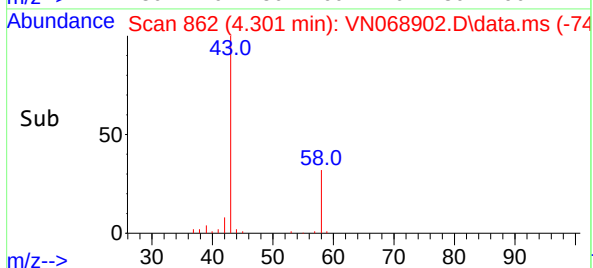
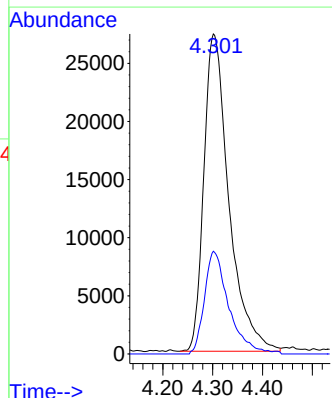
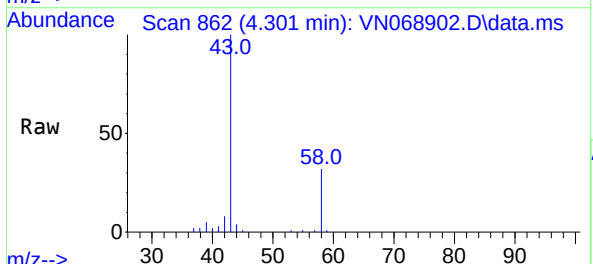
Instrument :
MSVOA_N
ClientSampleId :
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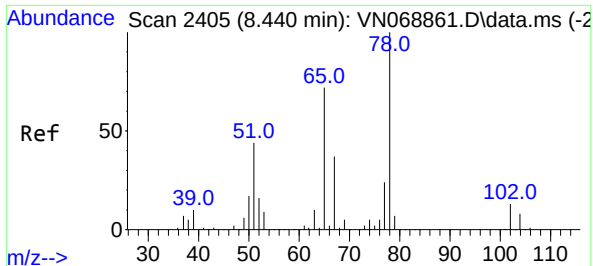
Tgt Ion:168 Resp: 402892
Ion Ratio Lower Upper
168 100
99 58.0 48.9 73.3



#16
Acetone
Concen: 48.03 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 43 Resp: 95217
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7

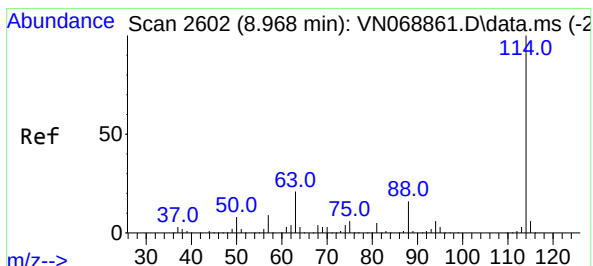
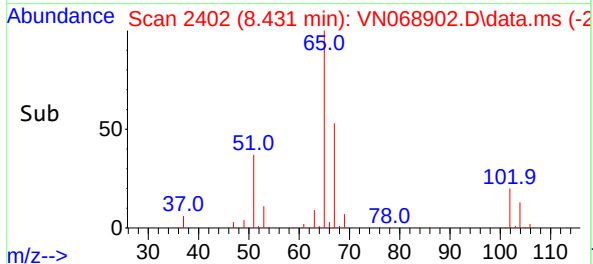
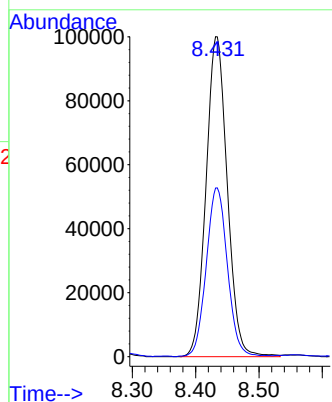
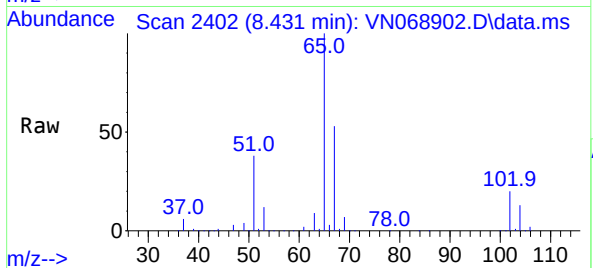




#33
1,2-Dichloroethane-d4
Concen: 43.79 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.008 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

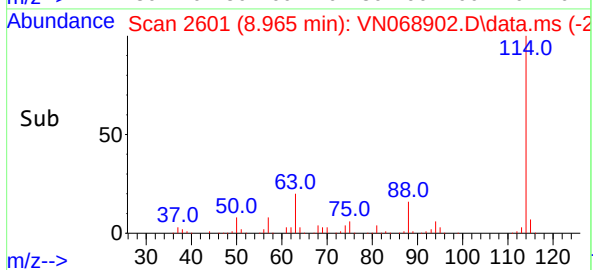
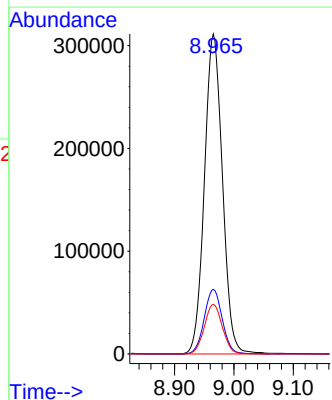
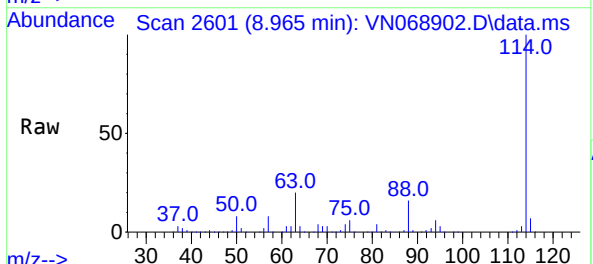
Instrument :
MSVOA_N
ClientSampled :
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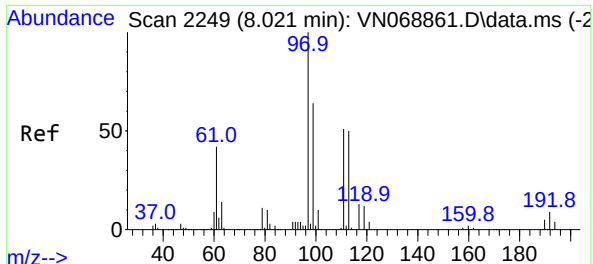
Tgt Ion: 65 Resp: 232601
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 114 Resp: 656249
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.5 0.0 32.0

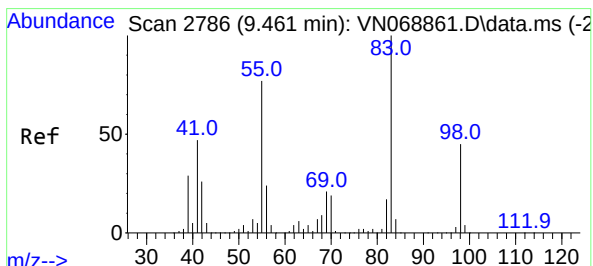
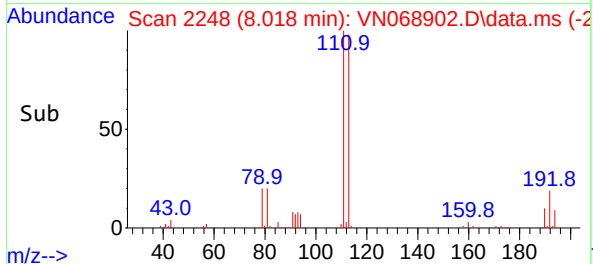
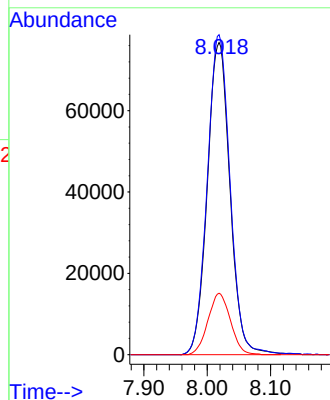
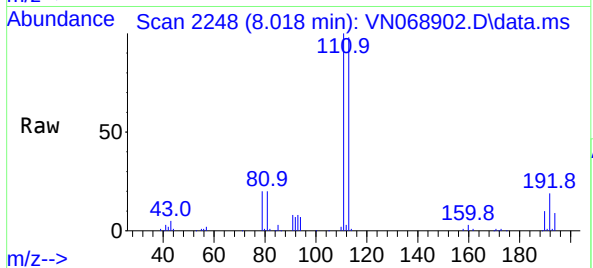




#35
Dibromofluoromethane
Concen: 49.92 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

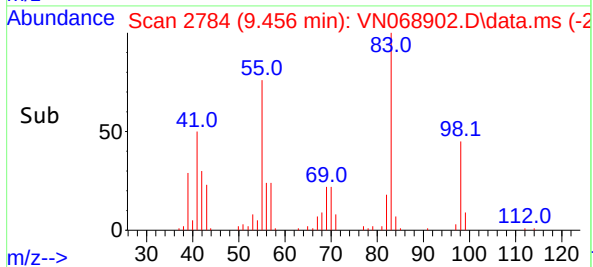
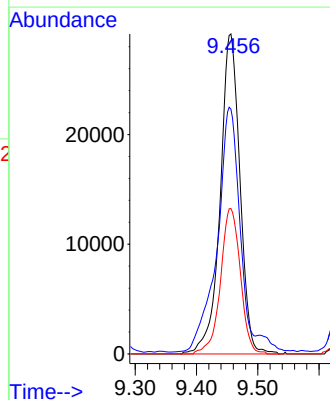
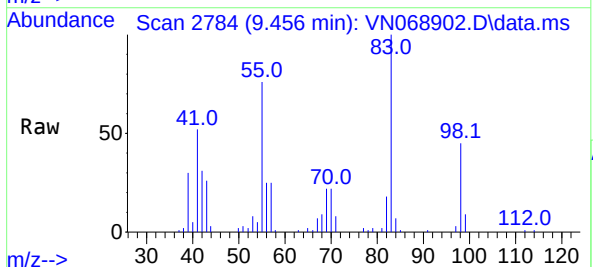
Instrument :
MSVOA_N
ClientSampled :
30784

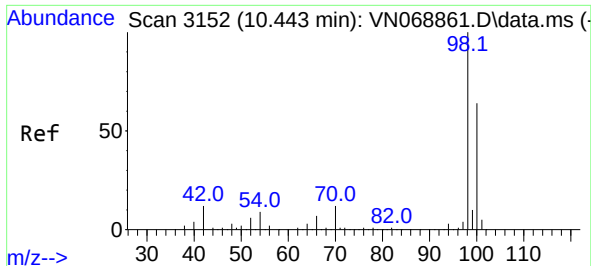
Tgt Ion:113 Resp: 190616
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 19.5 15.0 22.4



#39
Methylcyclohexane
Concen: 9.05 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 83 Resp: 65324
Ion Ratio Lower Upper
83 100
55 75.7 61.4 92.0
98 45.5 36.4 54.6

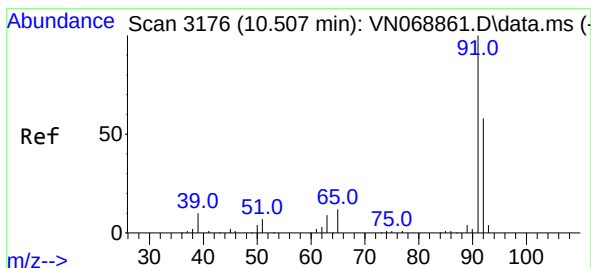
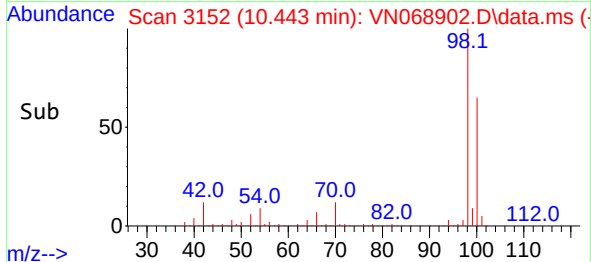
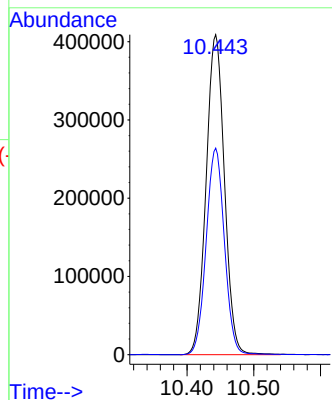
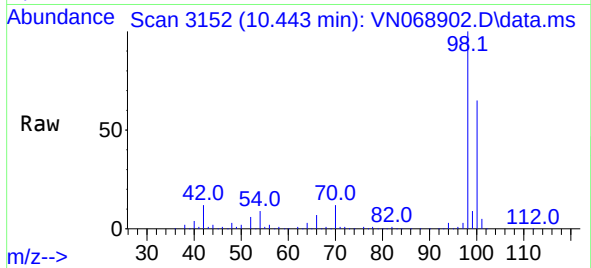




#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

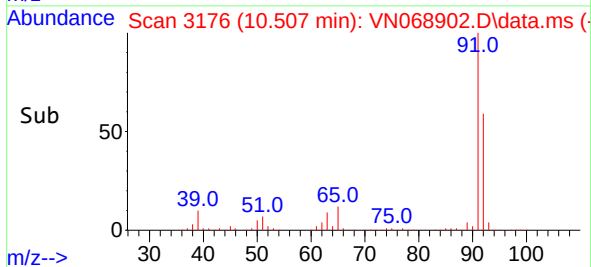
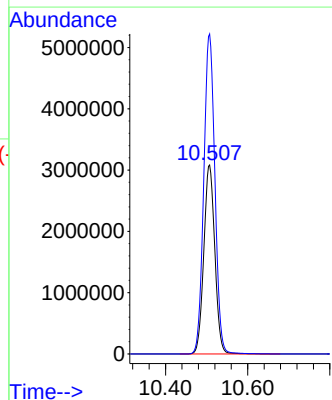
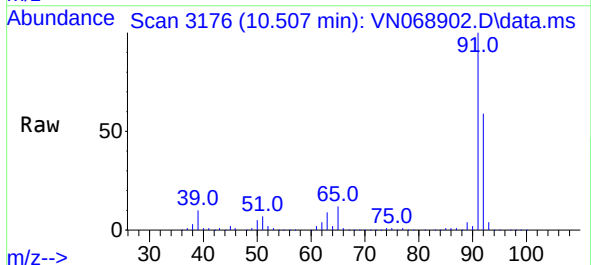
Instrument :
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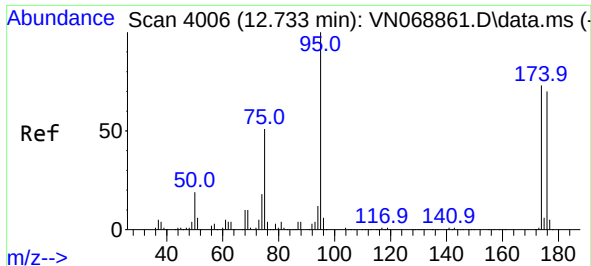
Tgt Ion: 98 Resp: 780552
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#52
Toluene
Concen: 522.41 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 92 Resp: 5736859
Ion Ratio Lower Upper
92 100
91 171.3 138.5 207.7

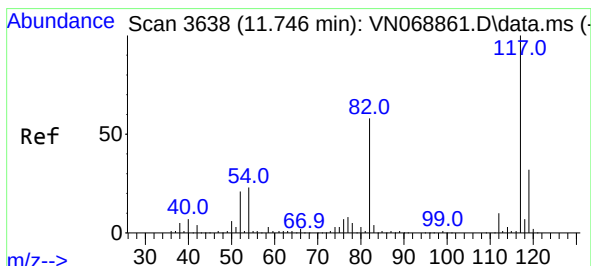
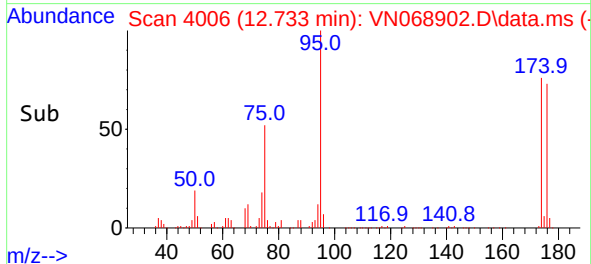
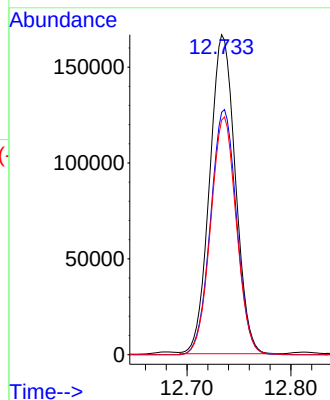
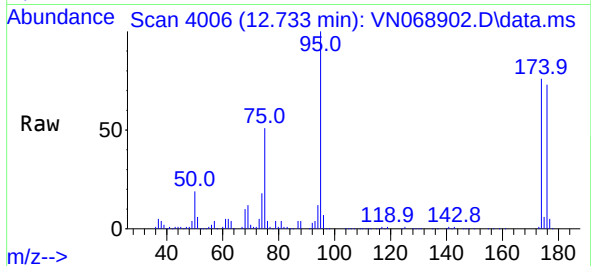




#62
4-Bromofluorobenzene
Concen: 49.61 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

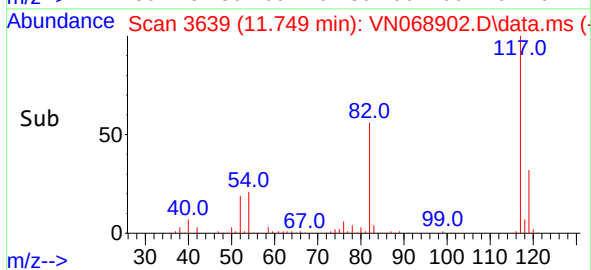
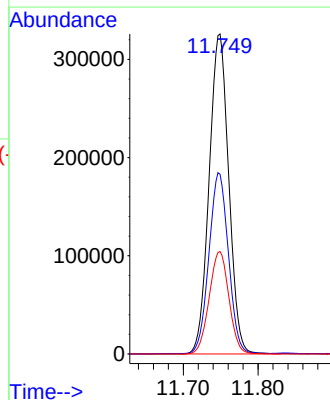
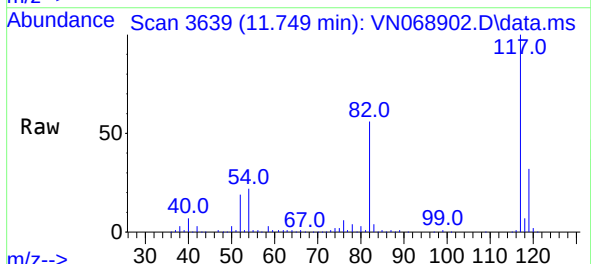
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ClientSampleId :
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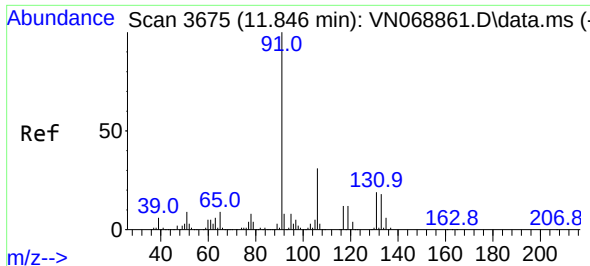
Tgt Ion: 95 Resp: 285956
Ion Ratio Lower Upper
95 100
174 78.0 0.0 144.8
176 74.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 117 Resp: 592847
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.0 26.0 39.0

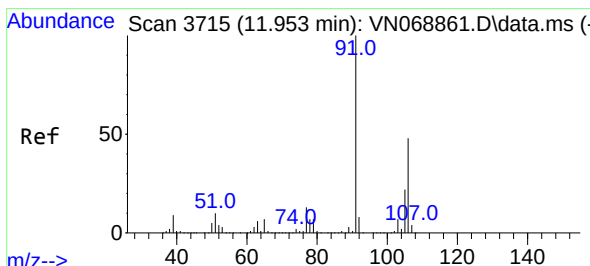
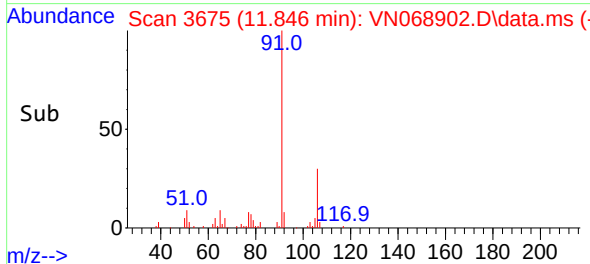
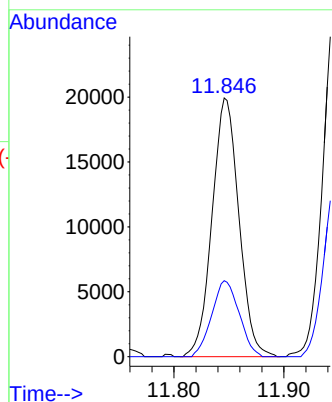
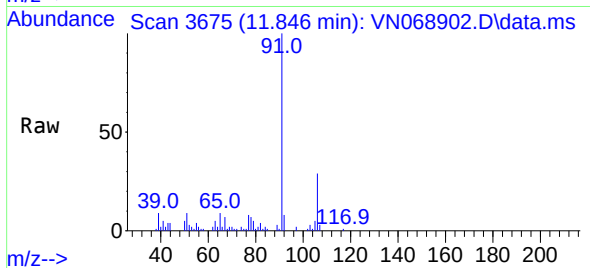




#67
Ethyl Benzene
Concen: 1.62 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

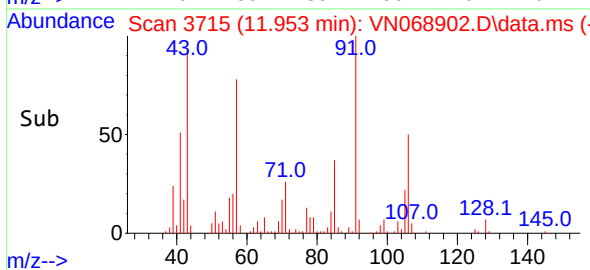
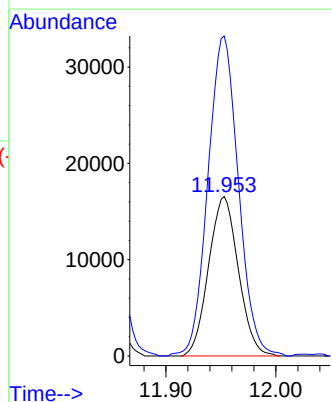
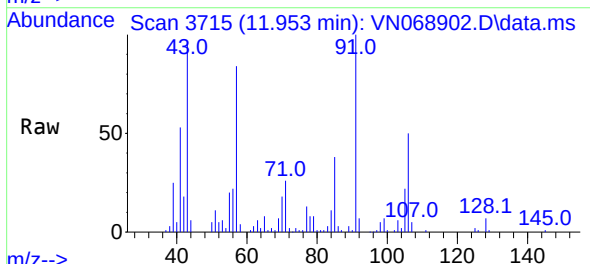
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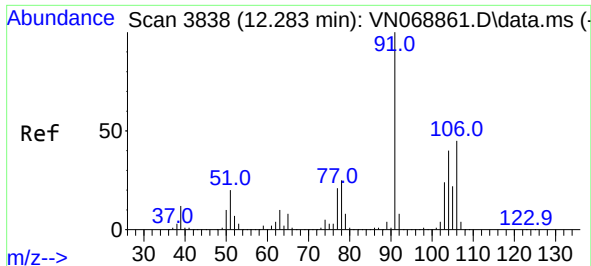
Tgt Ion: 91 Resp: 33803
Ion Ratio Lower Upper
91 100
106 29.3 24.8 37.2



#68
m/p-Xylenes
Concen: 3.94 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 106 Resp: 31114
Ion Ratio Lower Upper
106 100
91 205.8 166.8 250.2

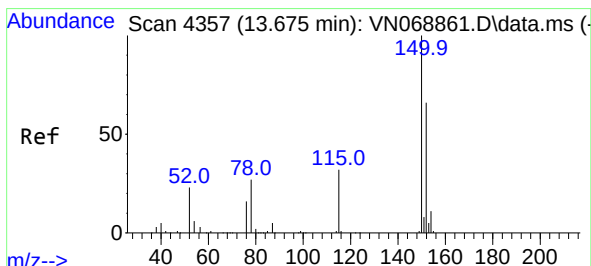
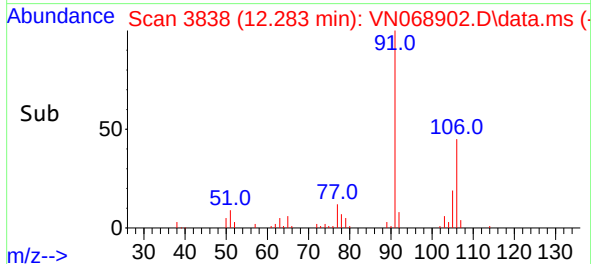
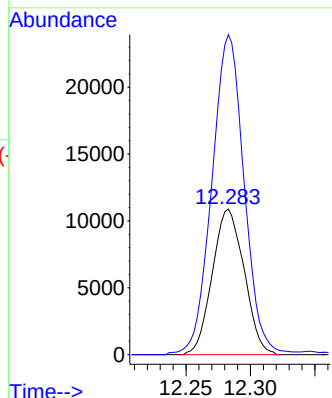
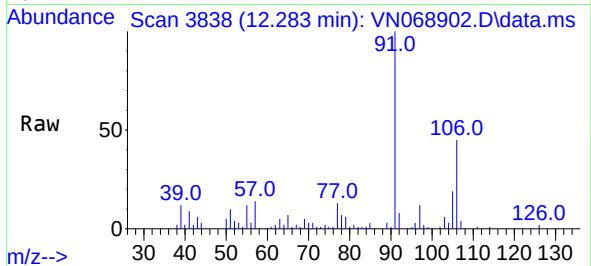




#69
o-Xylene
Concen: 2.36 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

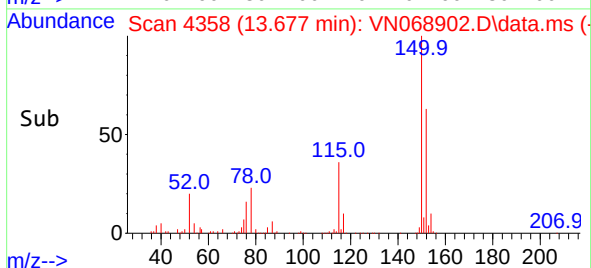
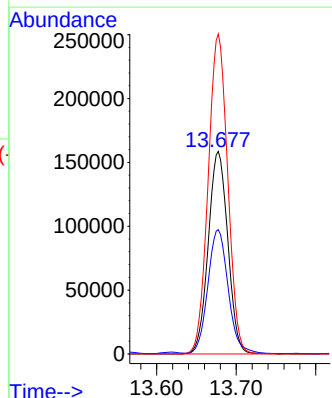
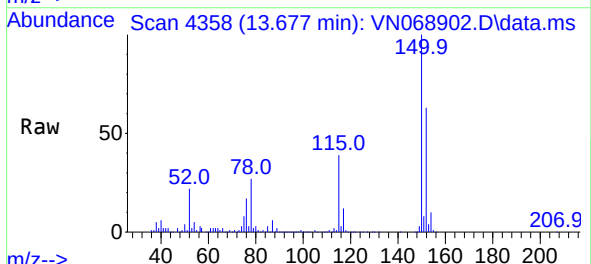
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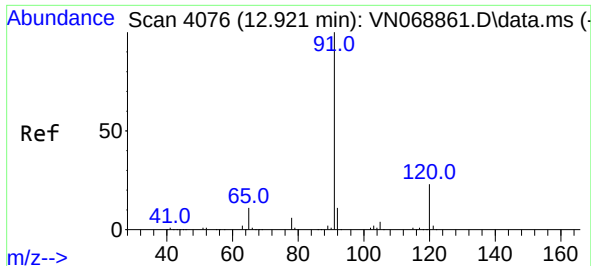
Tgt Ion:106 Resp: 18683
Ion Ratio Lower Upper
106 100
91 222.4 109.6 328.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:152 Resp: 271329
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.4 0.0 351.0

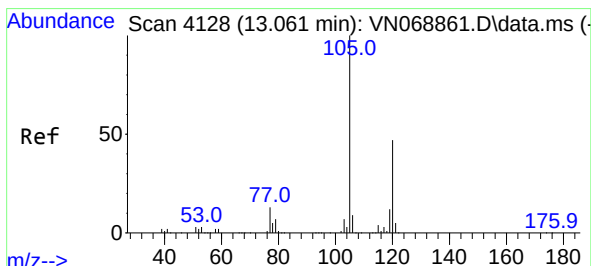
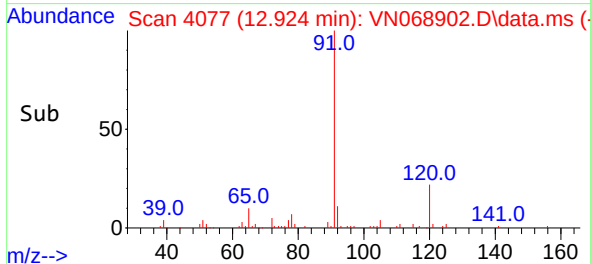
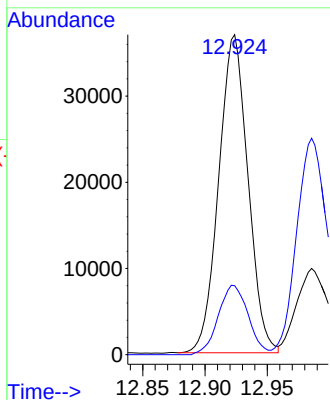
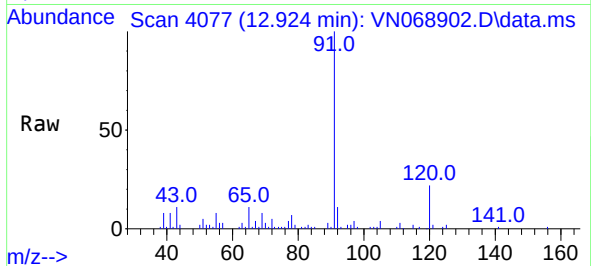




#78
n-propylbenzene
Concen: 2.37 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

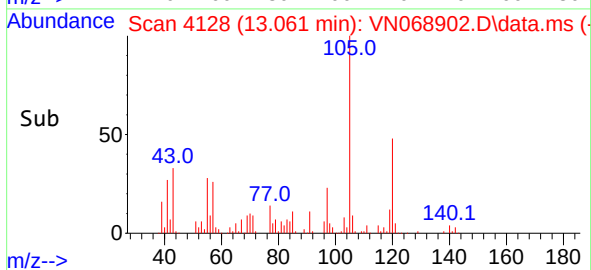
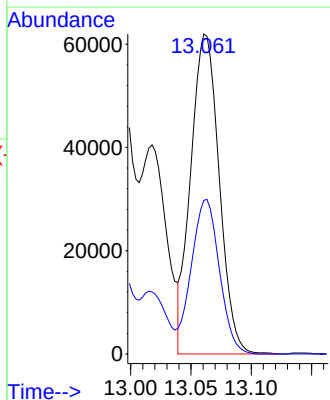
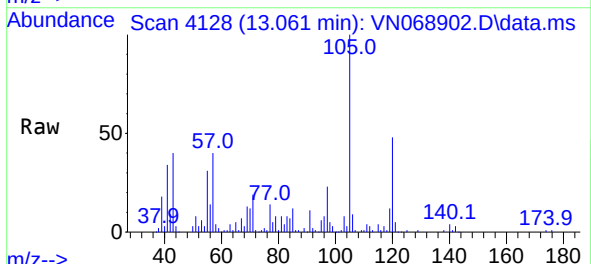
Instrument :
MSVOA_N
ClientSampled :
30784

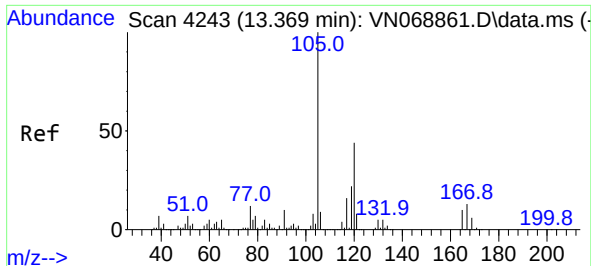
Tgt Ion: 91 Resp: 60241
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1



#80
1,3,5-Trimethylbenzene
Concen: 5.40 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion: 105 Resp: 101667
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.2

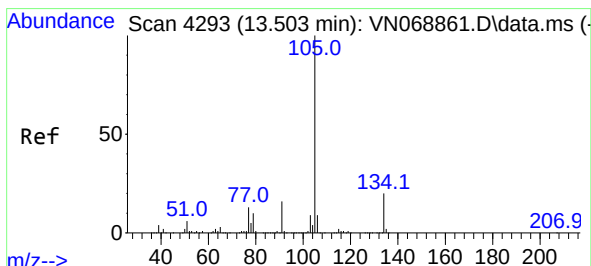
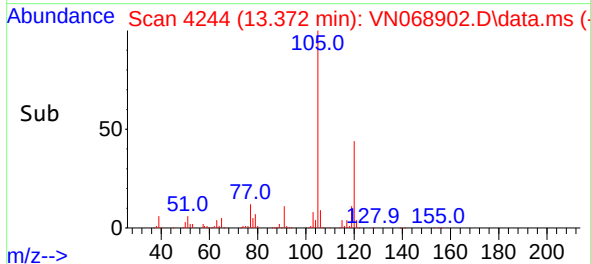
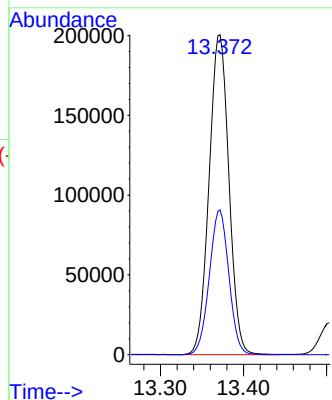
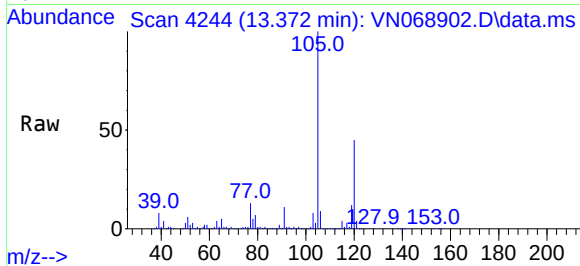




#84
1,2,4-Trimethylbenzene
Concen: 18.32 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

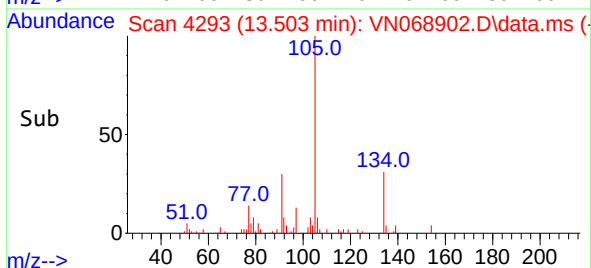
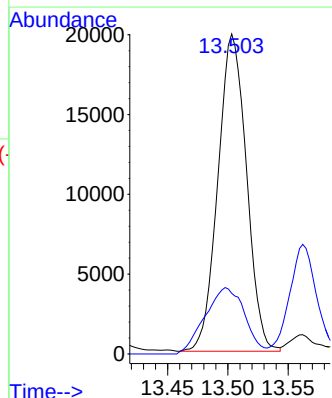
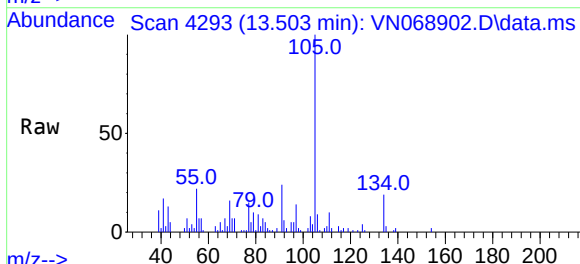
Instrument :
MSVOA_N
ClientSampled :
30784

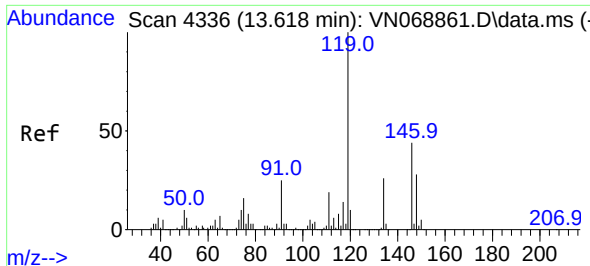
Tgt Ion:105 Resp: 332103
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.44 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Tgt Ion:105 Resp: 32720
Ion Ratio Lower Upper
105 100
134 29.0 9.8 29.4

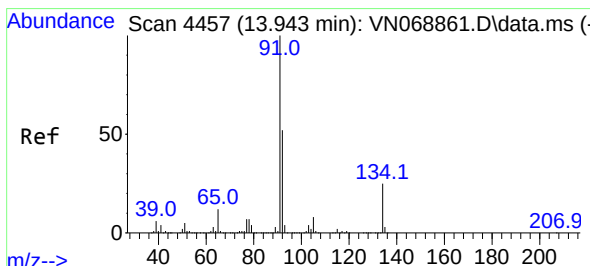
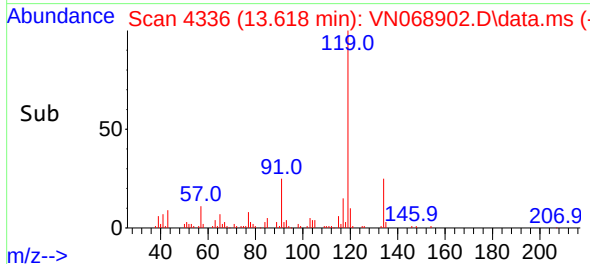
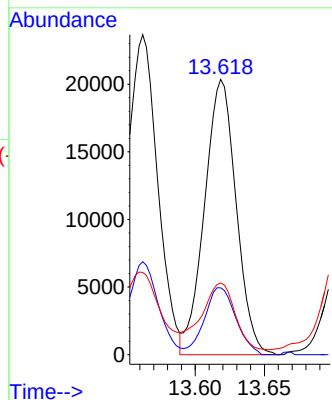
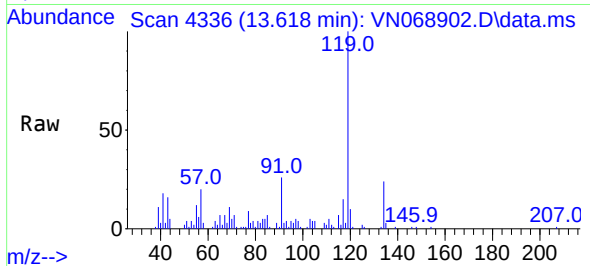




#86
p-Isopropyltoluene
Concen: 1.78 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

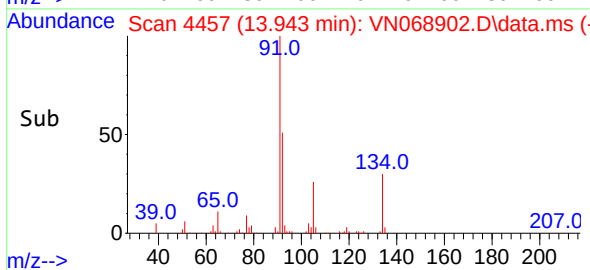
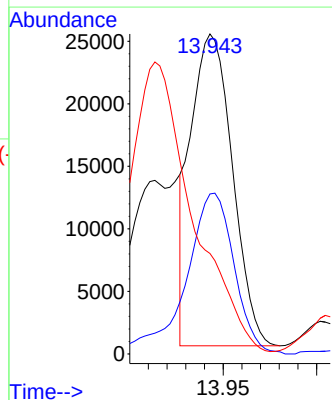
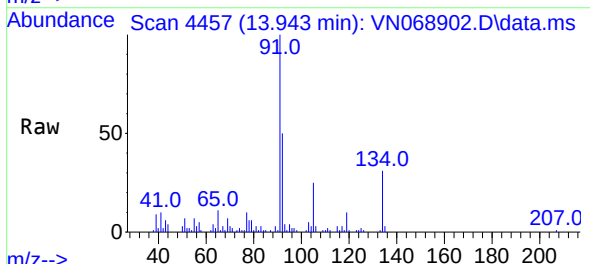
Instrument :
MSVOA_N
ClientSampled :
30784

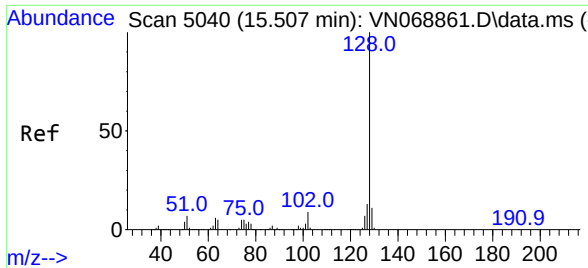
Tgt Ion:	119	Resp:	32407
Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.9	38.6
91	25.1	12.8	38.4



#89
n-Butylbenzene
Concen: 2.55 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

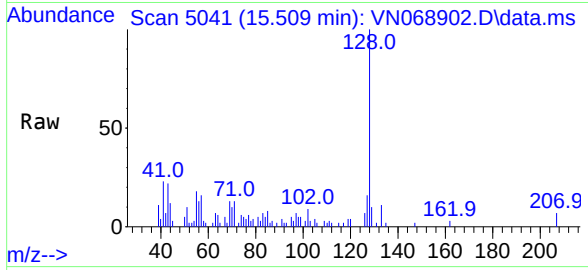
Tgt Ion:	91	Resp:	38638
Ion	Ratio	Lower	Upper
91	100		
92	59.5	26.0	78.0
134	0.0	12.5	37.5#





#95
Naphthalene
Concen: 5.34 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068902.D
Acq: 13 Oct 2021 17:13

Instrument :
MSVOA_N
ClientSampleId :
30784



Tgt Ion:	128	Resp:	20879
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.5	15.7
129	10.3	8.9	13.3

