

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068152.D
 Acq On : 17 Aug 2021 18:56
 Operator : JC/MD
 Sample : M3361-13 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41943

Quant Time: Aug 18 07:20:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

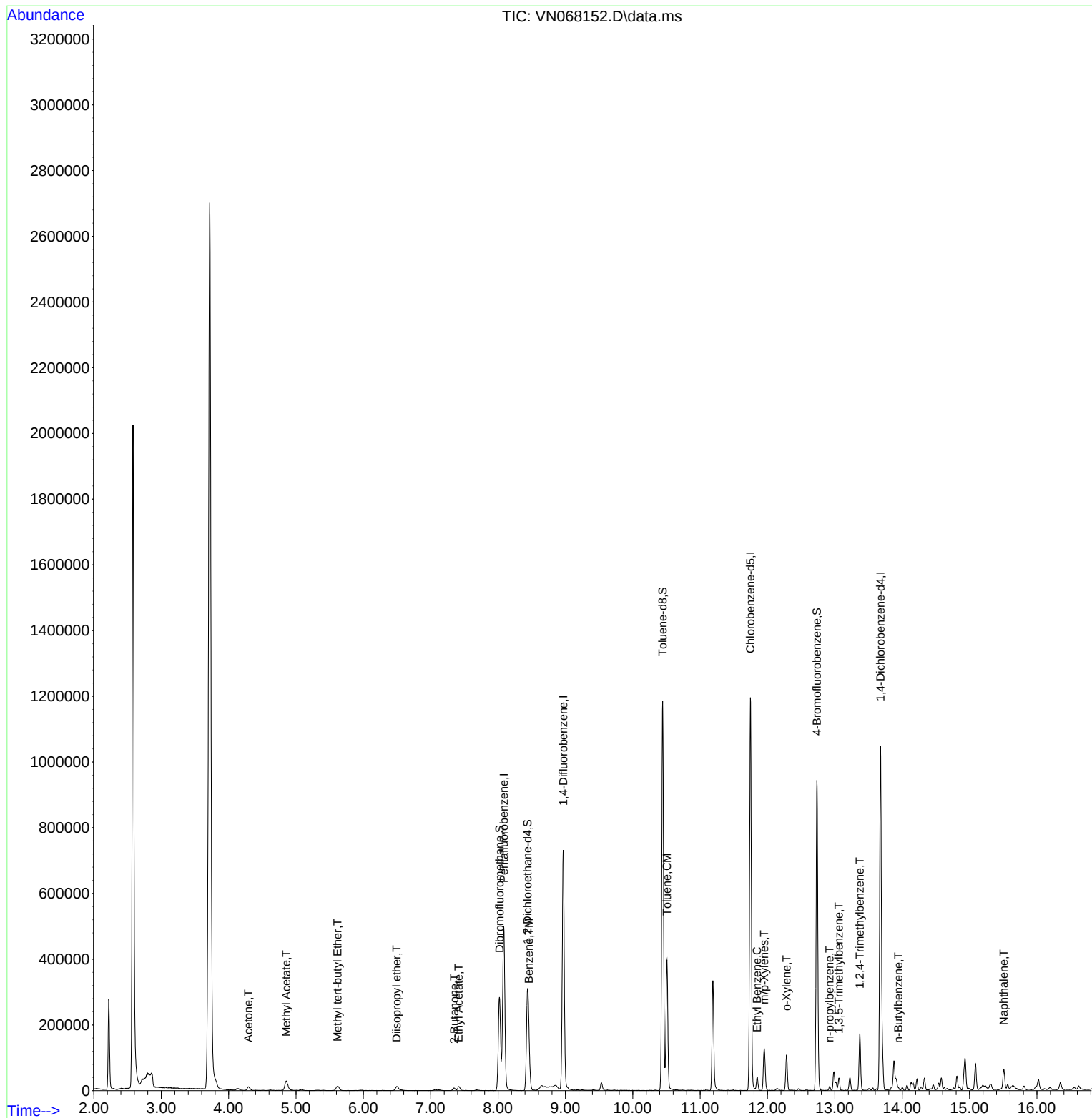
Internal Standards						
1) Pentafluorobenzene	8.086	168	420631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	699753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	769397	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	312875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	233946	52.090	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.180%	
35) Dibromofluoromethane	8.021	113	211043	48.038	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.080%	
50) Toluene-d8	10.443	98	869497	51.942	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.733	95	316471	56.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	20218	15.418	ug/l	# 88
18) Methyl Acetate	4.854	43	59934	15.690	ug/l	# 87
19) Methyl tert-butyl Ether	5.615	73	22516	2.048	ug/l	97
22) Diisopropyl ether	6.495	45	14191	1.490	ug/l	# 89
25) 2-Butanone	7.351	43	11498	5.626	ug/l	# 74
37) Ethyl Acetate	7.415	43	16991	3.487	ug/l	# 93
40) Benzene	8.458	78	95486	5.469	ug/l	97
52) Toluene	10.507	92	178686	15.013	ug/l	99
67) Ethyl Benzene	11.846	91	30519	1.174	ug/l	94
68) m/p-Xylenes	11.953	106	44943	4.324	ug/l	80
69) o-Xylene	12.283	106	32221	3.208	ug/l	83
78) n-propylbenzene	12.921	91	10224	0.428	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	19445	1.080	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	101336	5.767	ug/l	92
89) n-Butylbenzene	13.943	91	4809	0.371	ug/l	# 80
95) Naphthalene	15.507	128	62476	8.091	ug/l	99

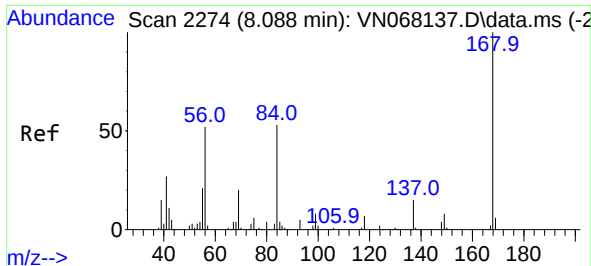
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
Data File : VN068152.D
Acq On : 17 Aug 2021 18:56
Operator : JC/MD
Sample : M3361-13 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41943

Quant Time: Aug 18 07:20:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

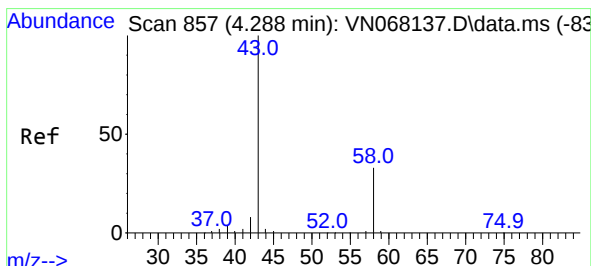
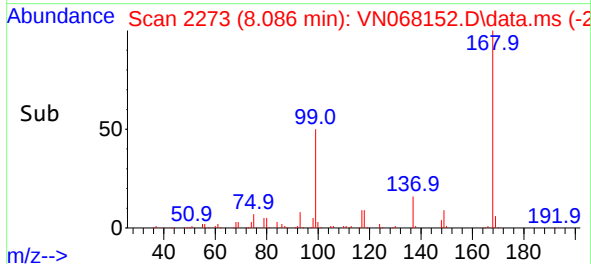
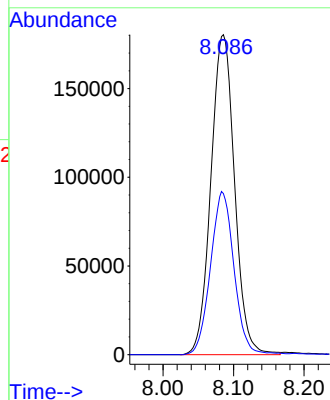
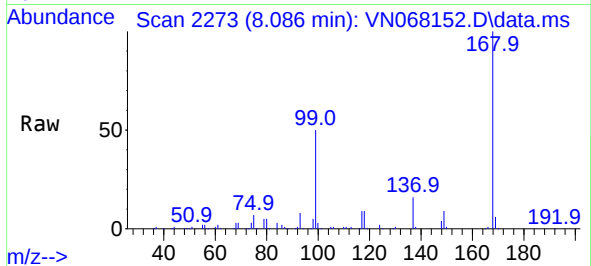




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

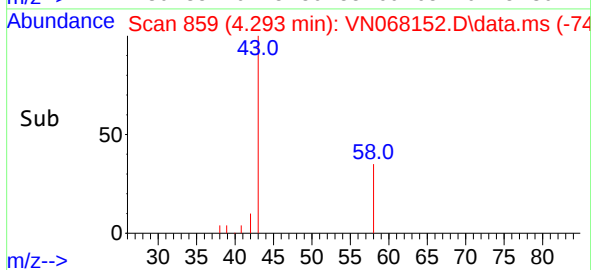
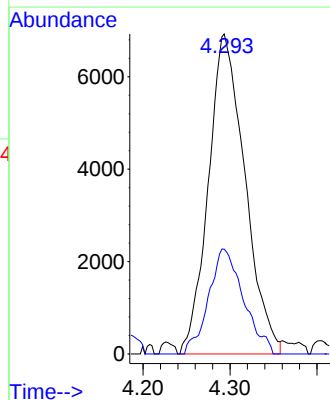
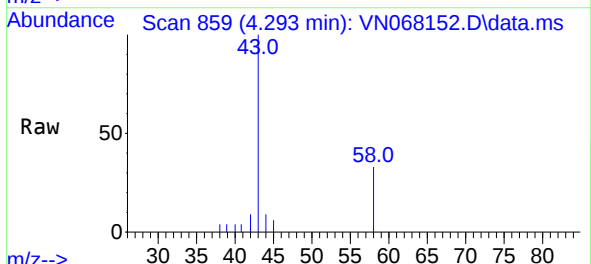
Instrument :
MSVOA_N
ClientSampled :
41943

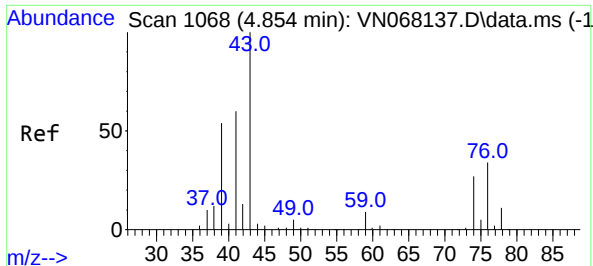
Tgt Ion:168 Resp: 420631
Ion Ratio Lower Upper
168 100
99 50.3 62.9 94.3#



#16
Acetone
Concen: 15.418 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 43 Resp: 20218
Ion Ratio Lower Upper
43 100
58 32.7 21.2 31.8#

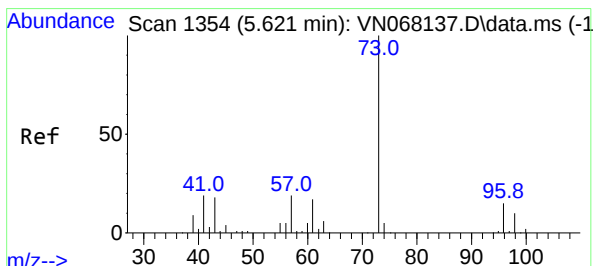
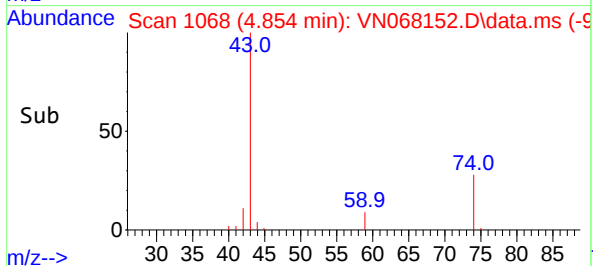
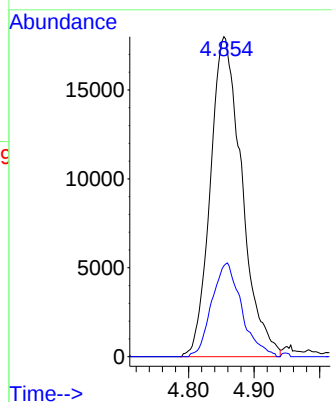
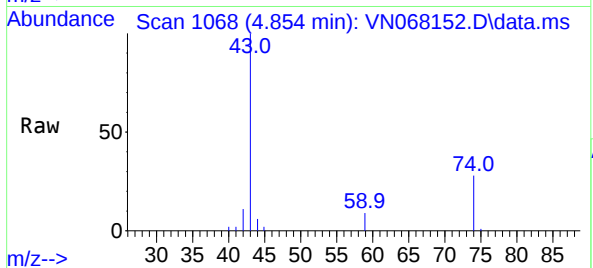




#18
Methyl Acetate
Concen: 15.690 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

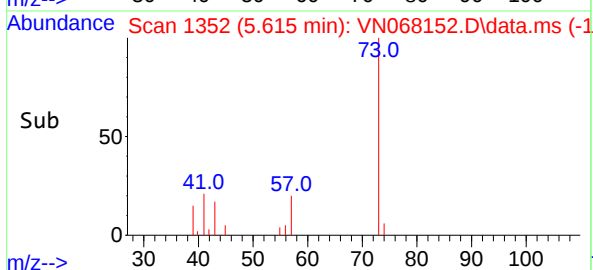
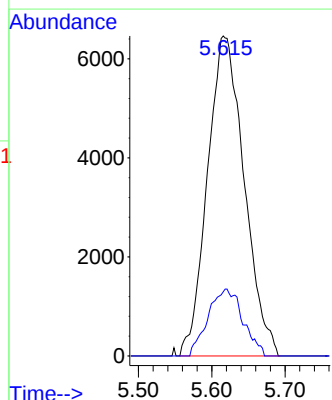
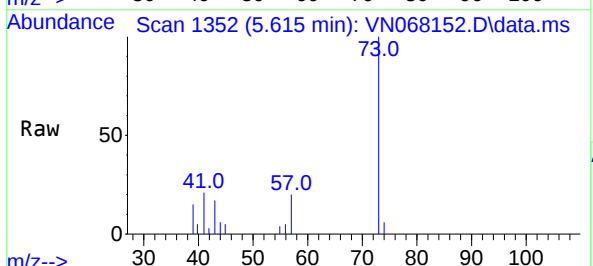
Instrument :
MSVOA_N
ClientSampled :
41943

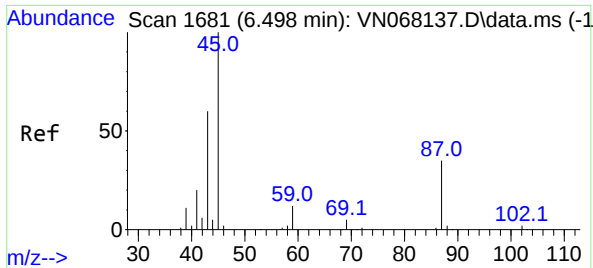
Tgt Ion: 43 Resp: 59934
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#



#19
Methyl tert-butyl Ether
Concen: 2.048 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 73 Resp: 22516
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6

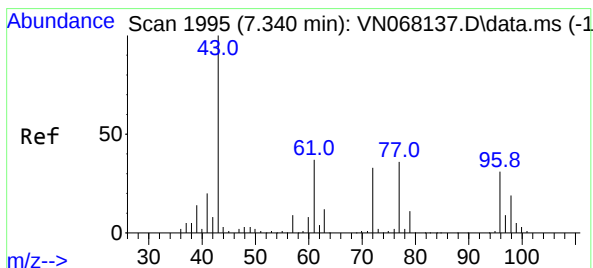
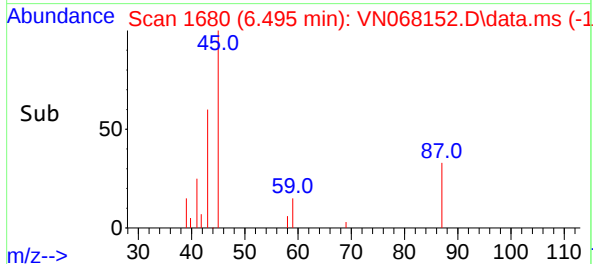
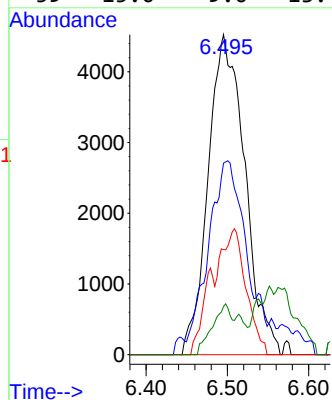
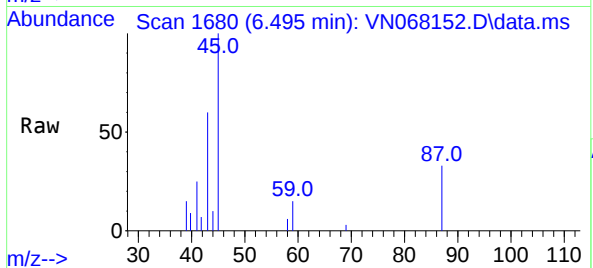




#22
Diisopropyl ether
Concen: 1.490 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

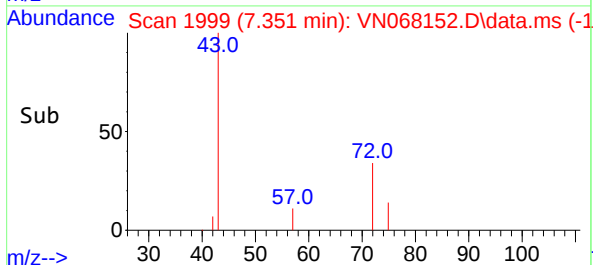
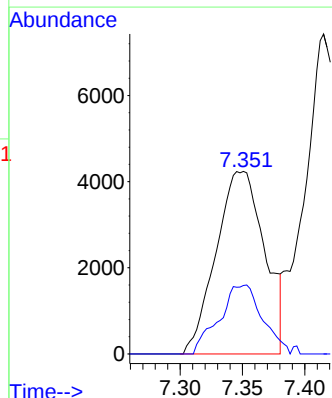
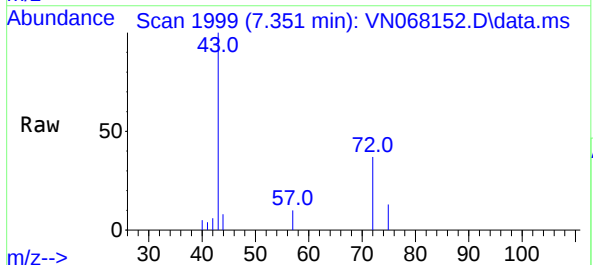
Instrument :
MSVOA_N
ClientSampled :
41943

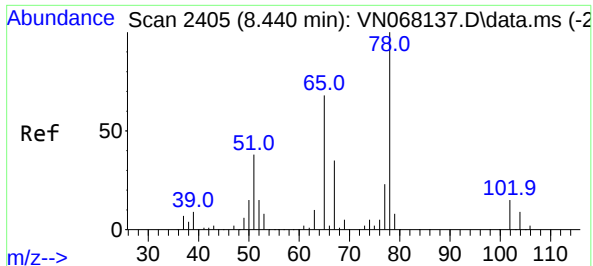
Tgt Ion:	45	Resp:	14191
Ion	Ratio	Lower	Upper
45	100		
43	54.4	49.4	74.2
87	32.9	20.9	31.3#
59	15.0	9.0	13.4#



#25
2-Butanone
Concen: 5.626 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion:	43	Resp:	11498
Ion	Ratio	Lower	Upper
43	100		
72	37.5	19.7	29.5#

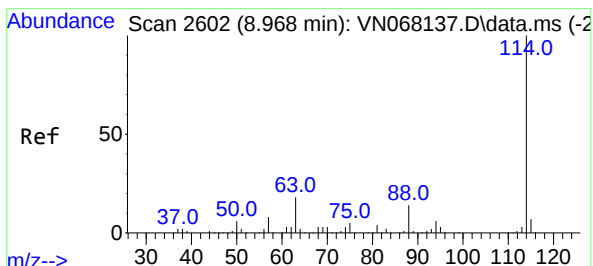
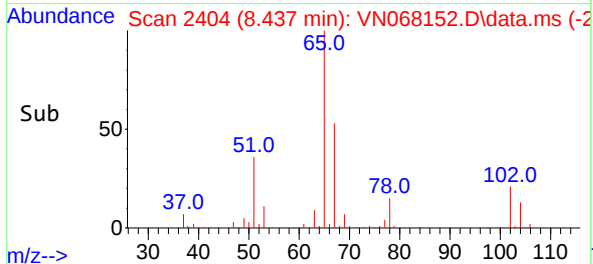
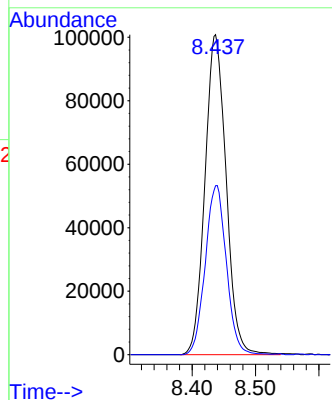
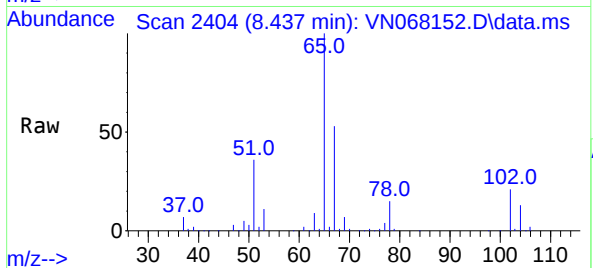




#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

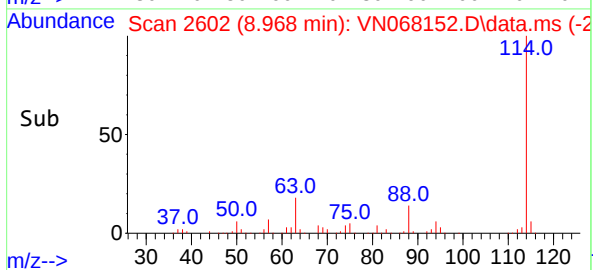
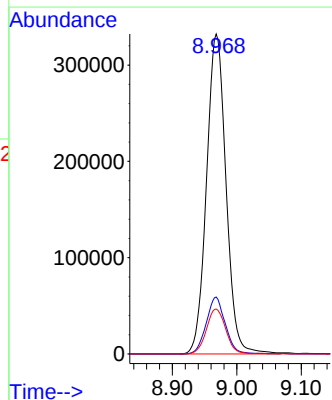
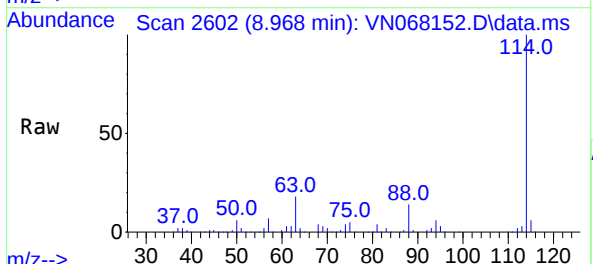
Instrument :
MSVOA_N
ClientSampleId :
41943

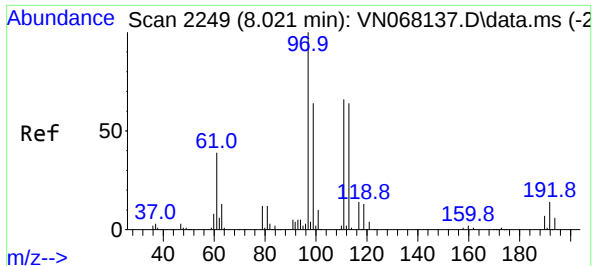
Tgt Ion: 65 Resp: 233946
Ion Ratio Lower Upper
65 100
67 52.7 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 114 Resp: 699753
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 14.0 0.0 36.6

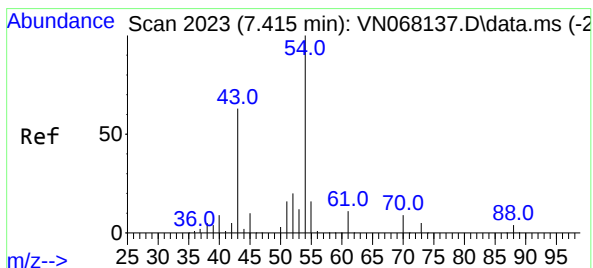
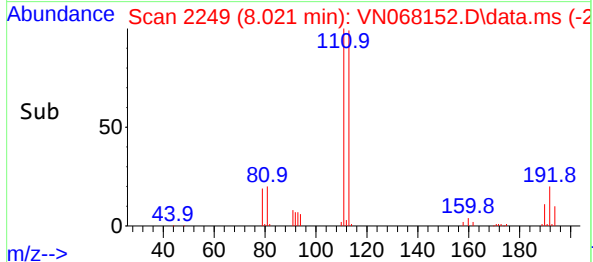
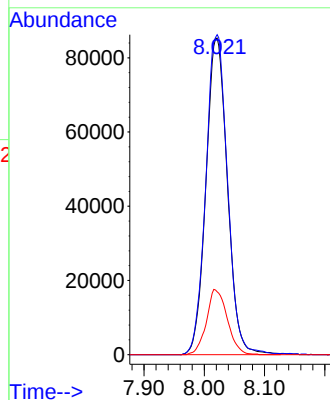
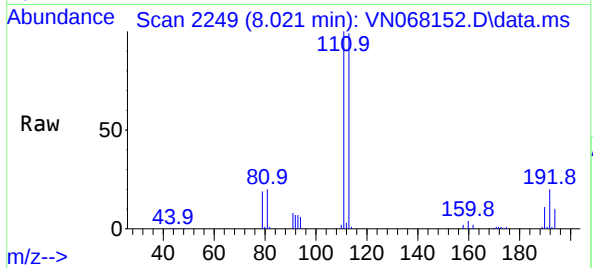




#35
Dibromofluoromethane
Concen: 48.038 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

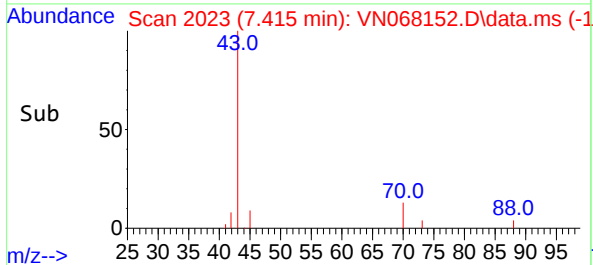
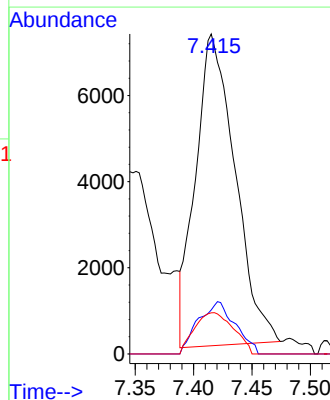
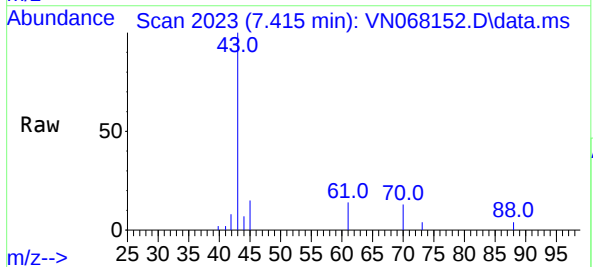
Instrument :
MSVOA_N
ClientSampled :
41943

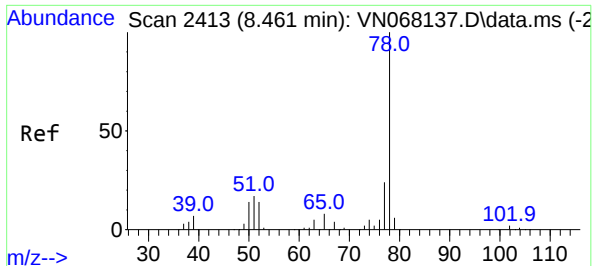
Tgt Ion:113 Resp: 211043
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 20.0 13.4 20.0



#37
Ethyl Acetate
Concen: 3.487 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 43 Resp: 16991
Ion Ratio Lower Upper
43 100
61 15.7 10.6 16.0
70 13.1 8.1 12.1#

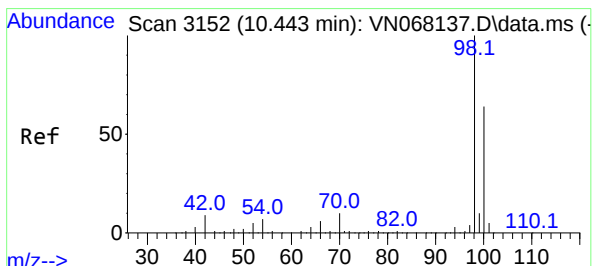
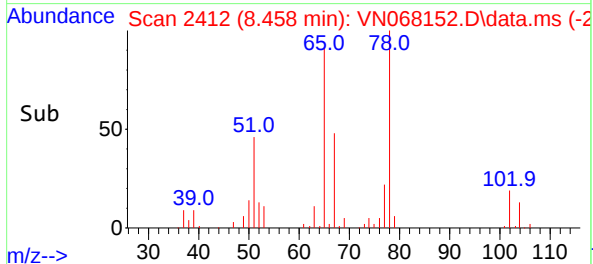
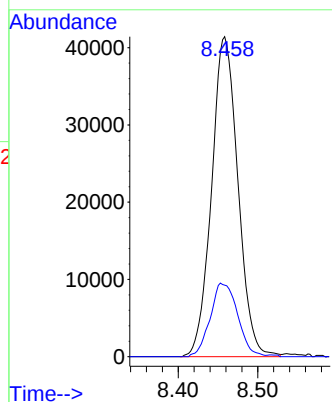
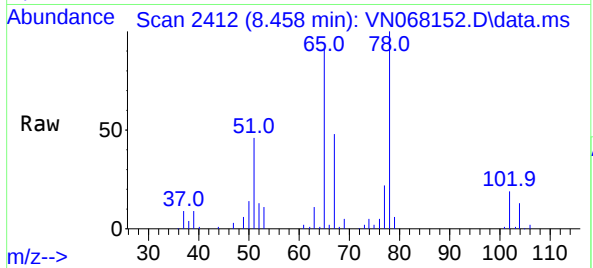




#40
Benzene
Concen: 5.469 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

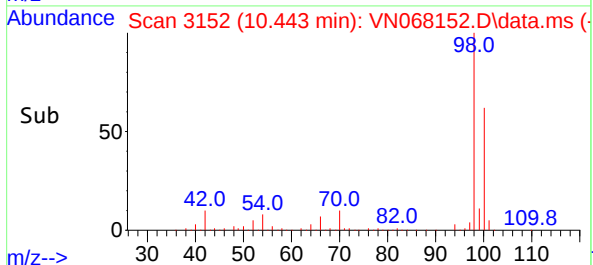
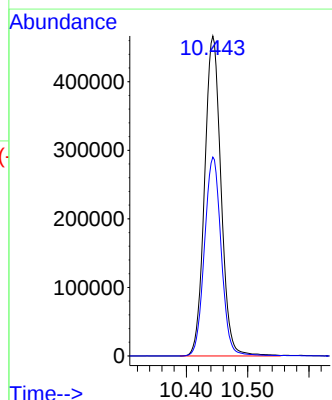
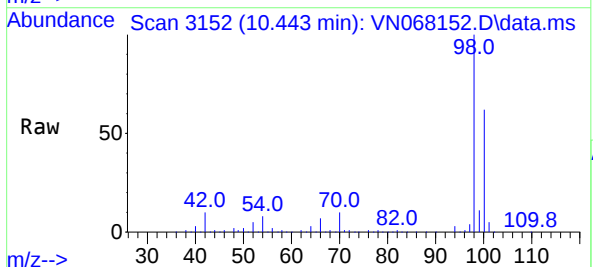
Instrument :
MSVOA_N
ClientSampled :
41943

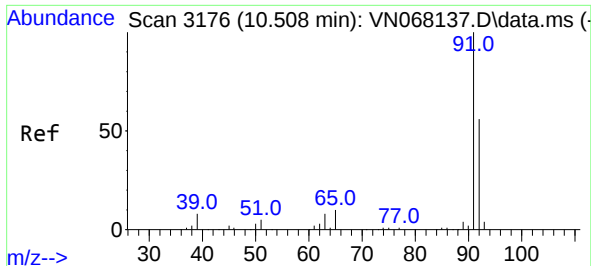
Tgt Ion: 78 Resp: 95486
Ion Ratio Lower Upper
78 100
77 22.3 18.9 28.3



#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 98 Resp: 869497
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

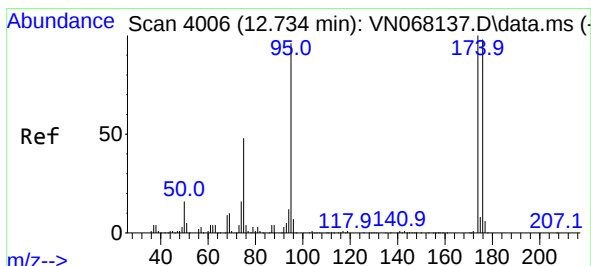
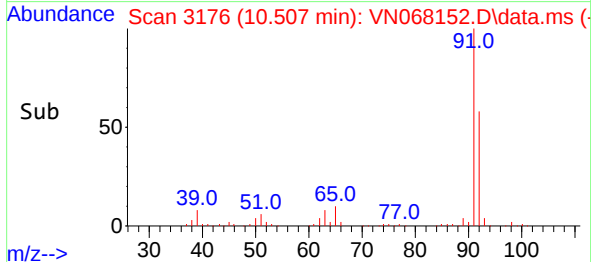
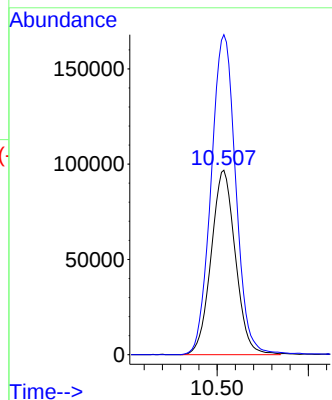
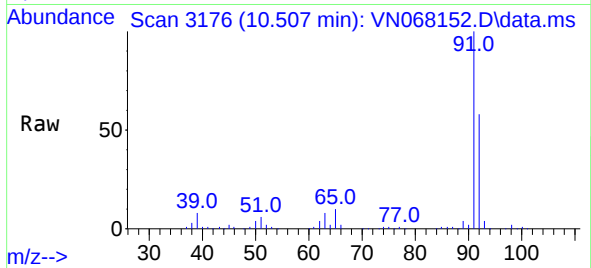




#52
Toluene
Concen: 15.013 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

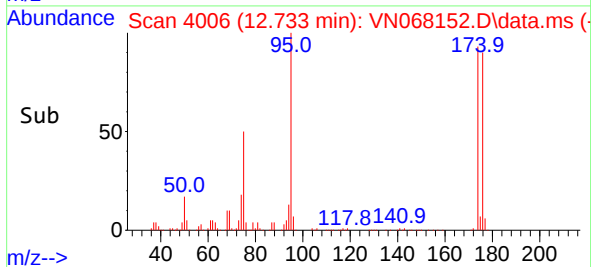
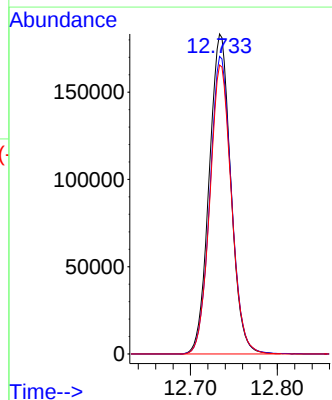
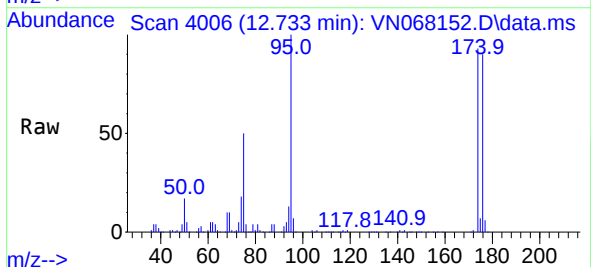
Instrument :
MSVOA_N
ClientSampled :
41943

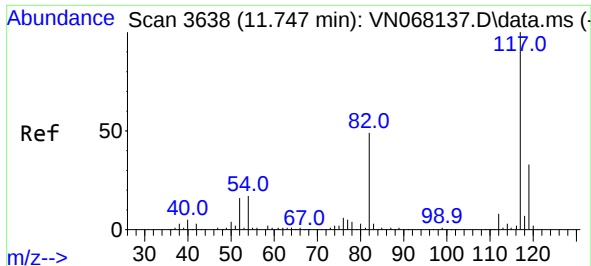
Tgt Ion: 92 Resp: 178686
Ion Ratio Lower Upper
92 100
91 176.6 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 56.791 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 95 Resp: 316471
Ion Ratio Lower Upper
95 100
174 92.8 0.0 122.0
176 90.1 0.0 117.6

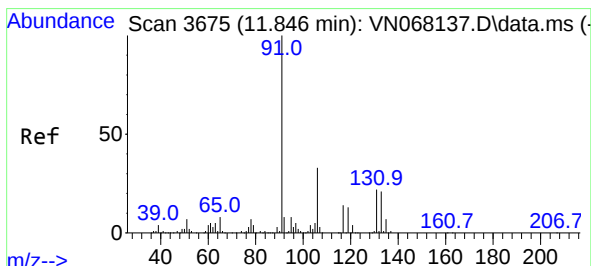
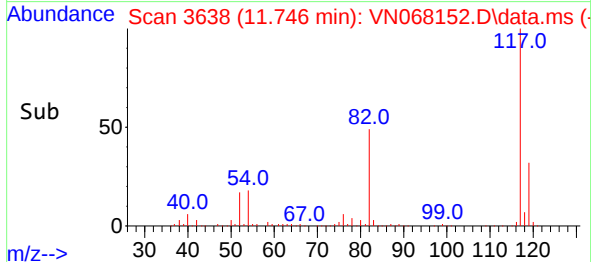
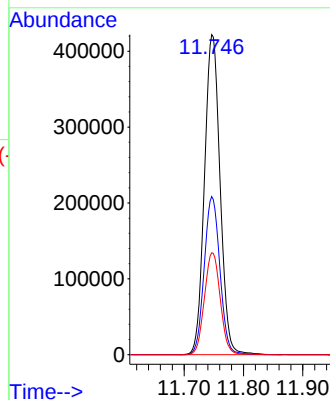
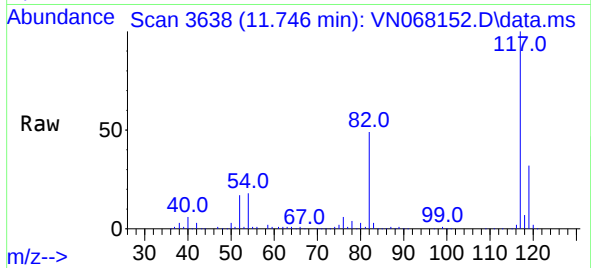




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

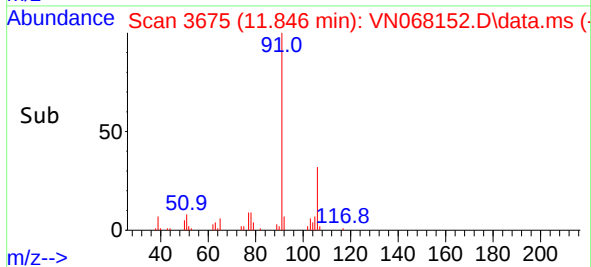
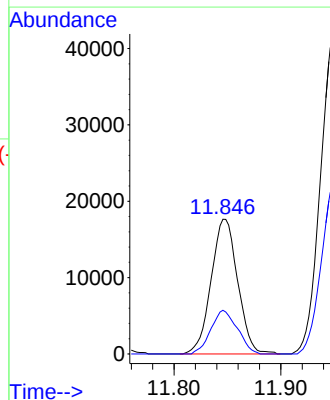
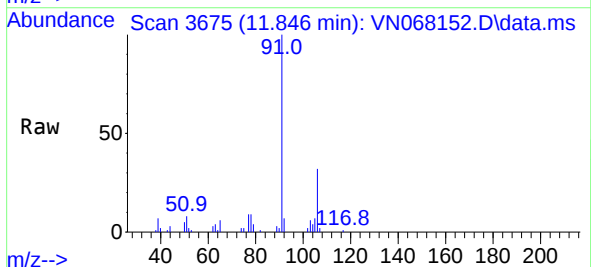
Instrument :
MSVOA_N
ClientSampled :
41943

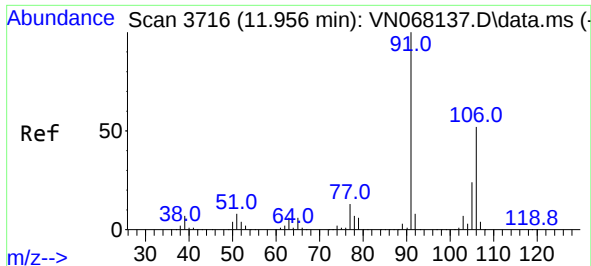
Tgt Ion:117 Resp: 769397
Ion Ratio Lower Upper
117 100
82 49.4 53.1 79.7#
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 1.174 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 91 Resp: 30519
Ion Ratio Lower Upper
91 100
106 32.5 23.4 35.0

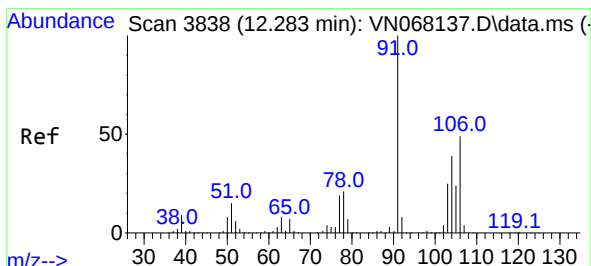
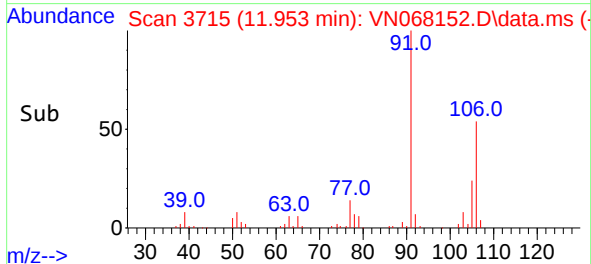
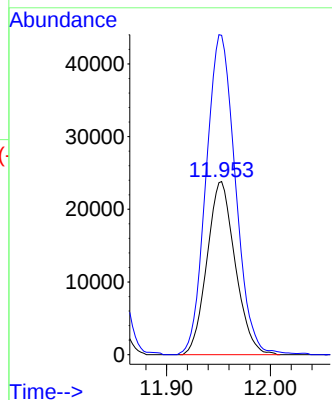
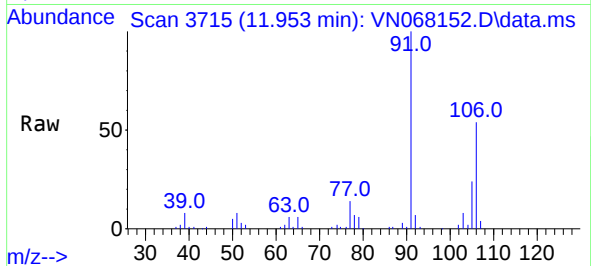




#68
m/p-Xylenes
Concen: 4.324 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

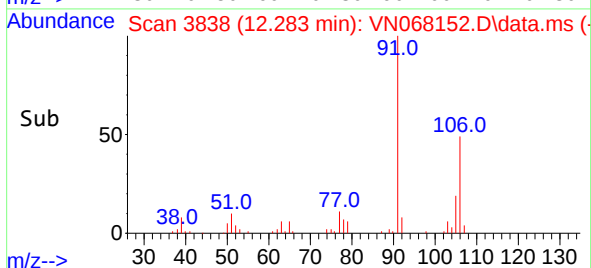
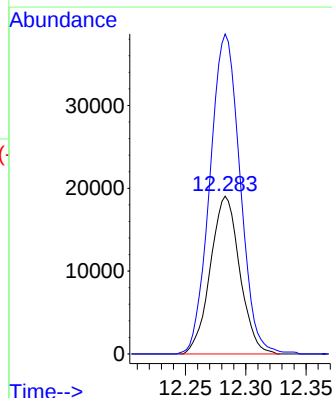
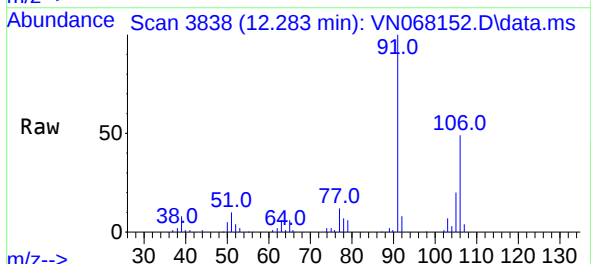
Instrument :
MSVOA_N
ClientSampled :
41943

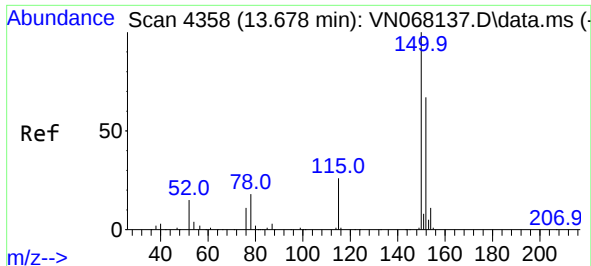
Tgt Ion:106 Resp: 44943
Ion Ratio Lower Upper
106 100
91 192.4 180.6 270.8



#69
o-Xylene
Concen: 3.208 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion:106 Resp: 32221
Ion Ratio Lower Upper
106 100
91 208.7 118.3 354.9

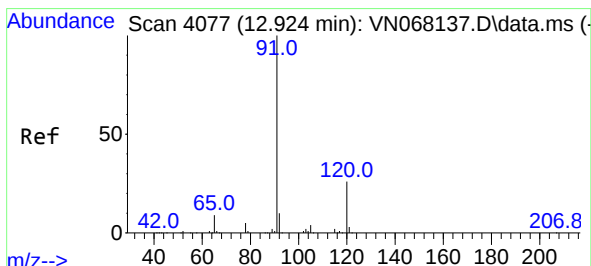
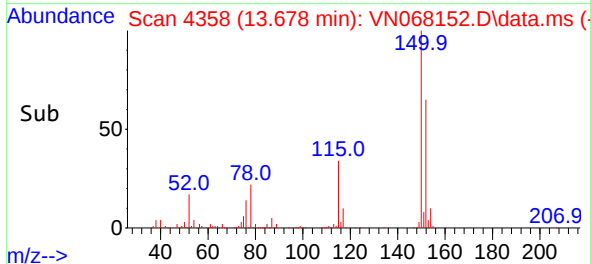
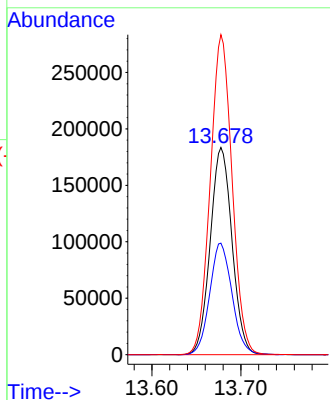
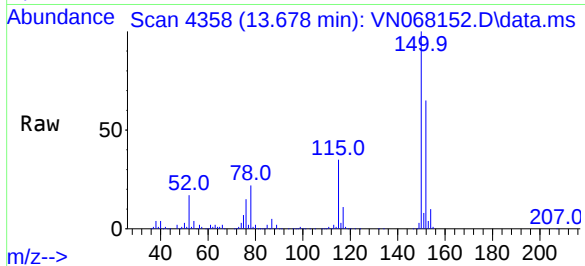




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

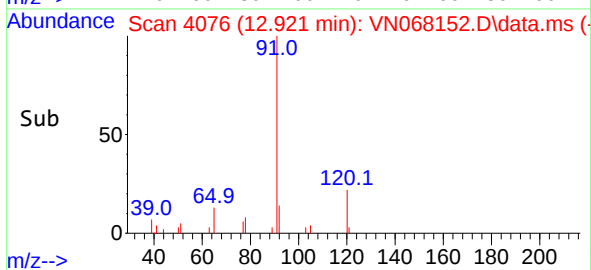
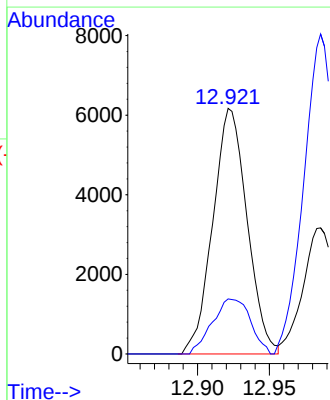
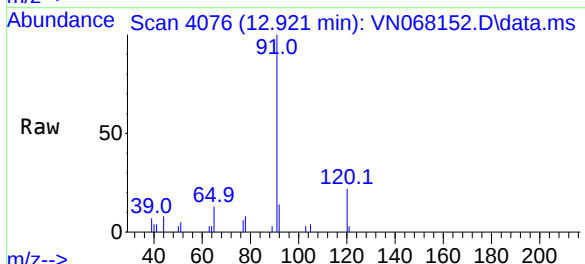
Instrument :
MSVOA_N
ClientSampled :
41943

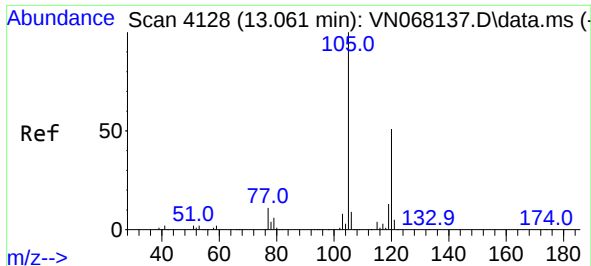
Tgt Ion:152 Resp: 312875
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 154.3 0.0 351.8



#78
n-propylbenzene
Concen: 0.428 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion: 91 Resp: 10224
Ion Ratio Lower Upper
91 100
120 24.9 10.4 31.4

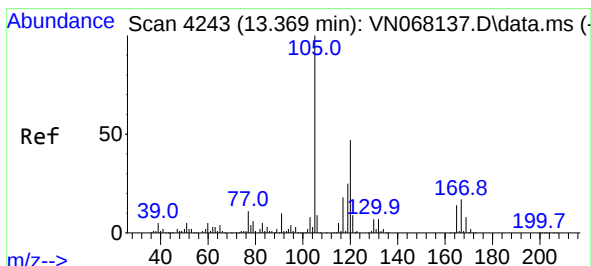
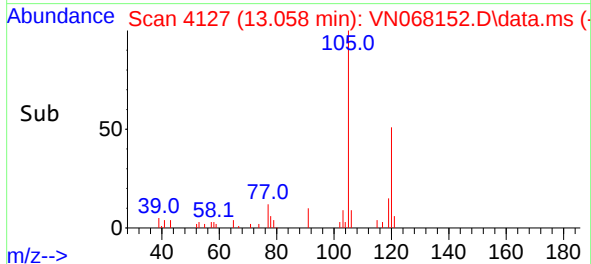
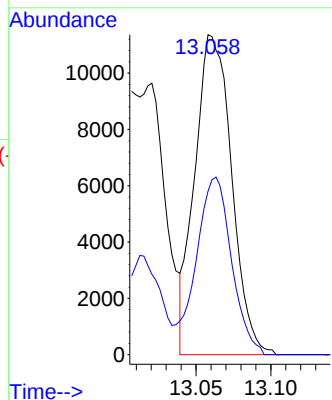
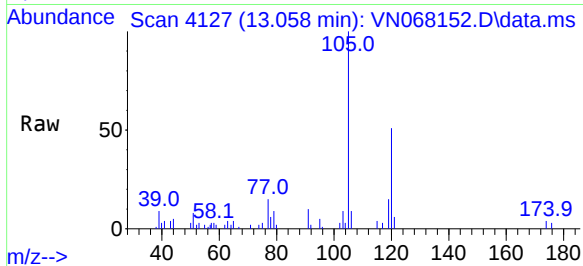




#80
1,3,5-Trimethylbenzene
Concen: 1.080 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

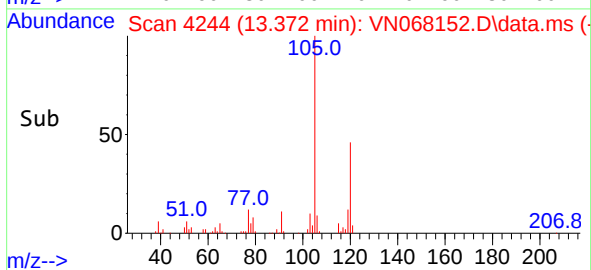
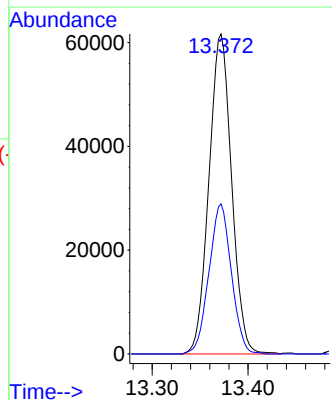
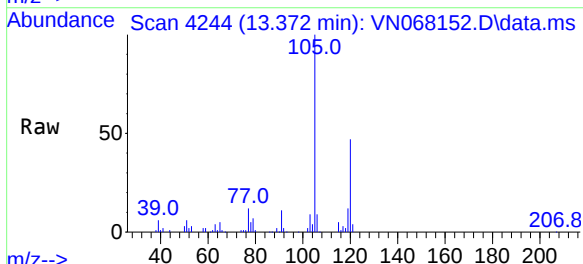
Instrument :
MSVOA_N
ClientSampleId :
41943

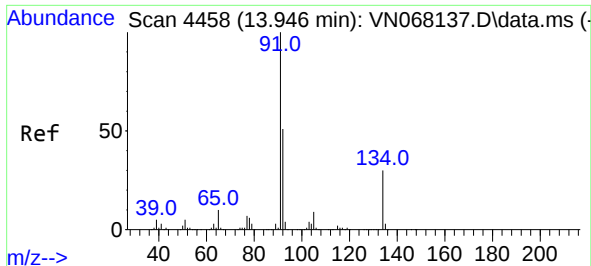
Tgt Ion:105 Resp: 19445
Ion Ratio Lower Upper
105 100
120 52.9 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 5.767 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion:105 Resp: 101336
Ion Ratio Lower Upper
105 100
120 46.4 20.6 61.8

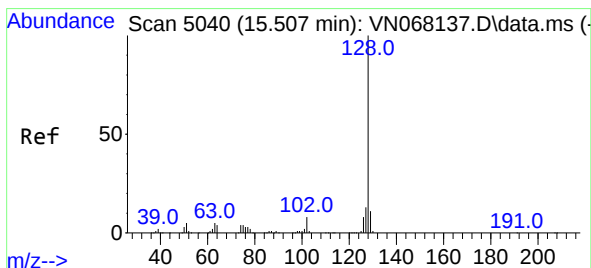
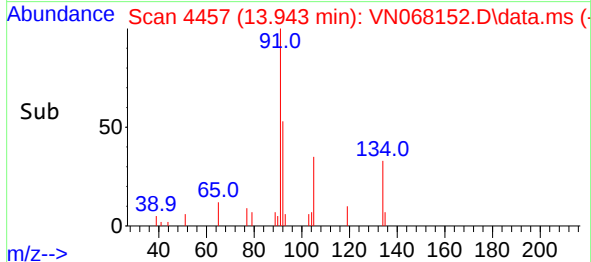
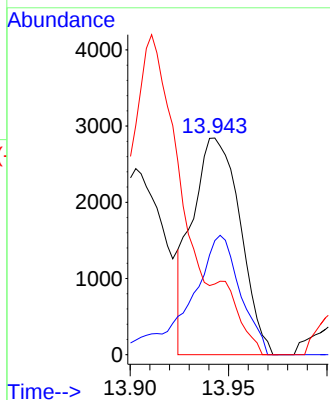
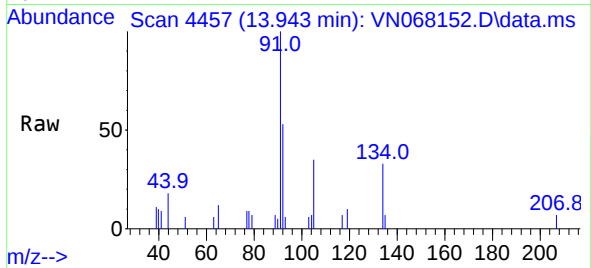




#89
n-Butylbenzene
Concen: 0.371 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Instrument :
MSVOA_N
ClientSampled :
41943

Tgt Ion: 91 Resp: 4809
Ion Ratio Lower Upper
91 100
92 57.7 25.7 77.1
134 0.0 11.2 33.6#



#95
Naphthalene
Concen: 8.091 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068152.D
Acq: 17 Aug 2021 18:56

Tgt Ion:128 Resp: 62476
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.6 12.8

