

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068488.D
 Acq On : 15 Sep 2021 16:59
 Operator : JC/MD
 Sample : M3759-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31202

Quant Time: Sep 16 04:25:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

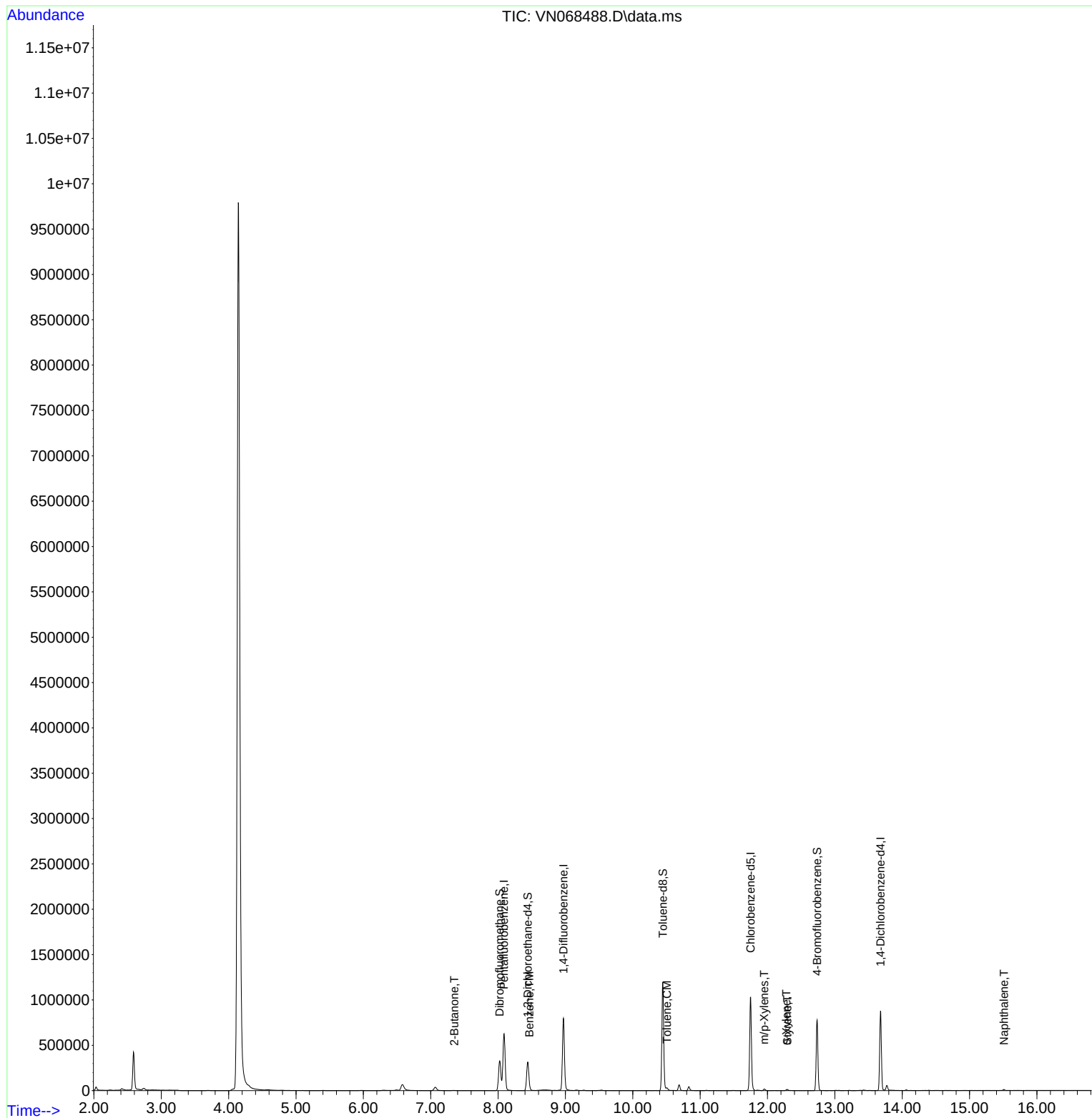
Internal Standards						
1) Pentafluorobenzene	8.088	168	535495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	776171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	667924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	264904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	264566	53.860	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.720%		
35) Dibromofluoromethane	8.021	113	246123	52.576	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 105.160%		
50) Toluene-d8	10.446	98	904515	53.192	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.380%		
62) 4-Bromofluorobenzene	12.736	95	260071	47.796	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 95.600%		
Target Compounds						
						Qvalue
25) 2-Butanone	7.351	43	4494	1.883	ug/l	95
40) Benzene	8.464	78	7578	0.396	ug/l	100
52) Toluene	10.507	92	8805	0.693	ug/l	96
68) m/p-Xylenes	11.953	106	6266	0.693	ug/l	93
69) o-Xylene	12.280	106	2354	0.267	ug/l	81
70) Styrene	12.296	104	4340	0.325	ug/l #	82
95) Naphthalene	15.512	128	11063	4.478	ug/l	98

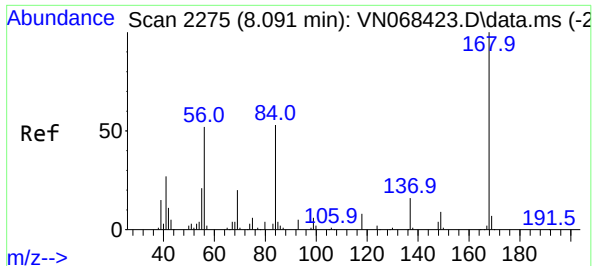
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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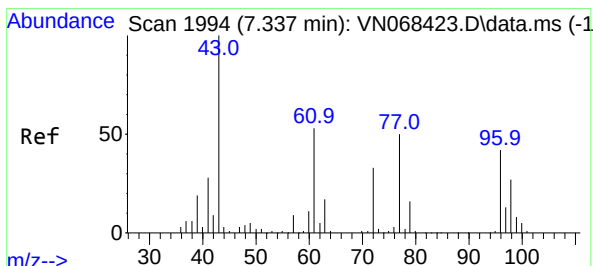
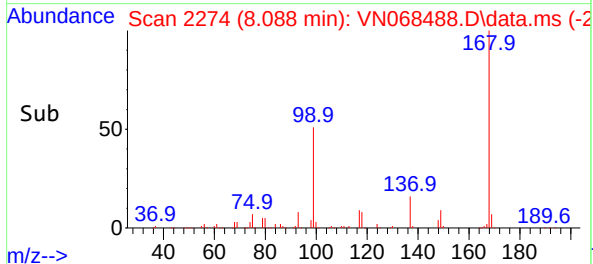
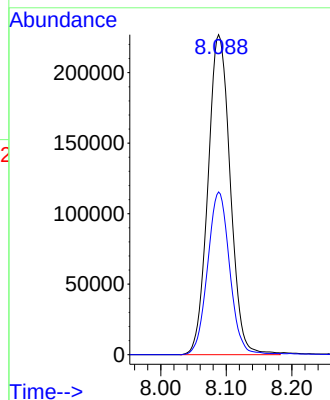
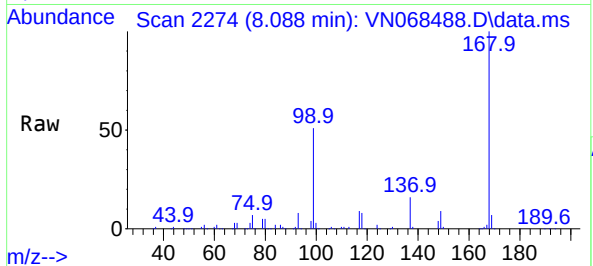




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

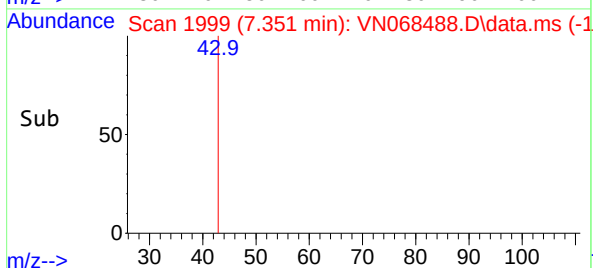
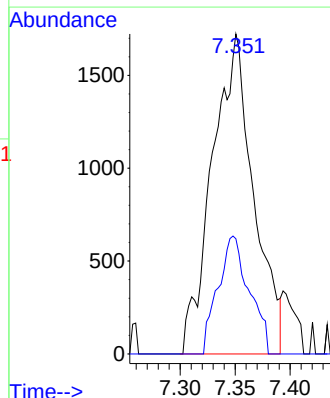
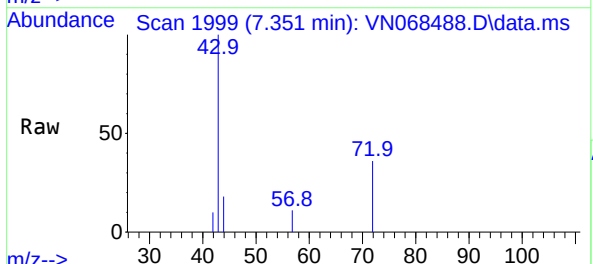
Instrument :
MSVOA_N
ClientSampled :
31202

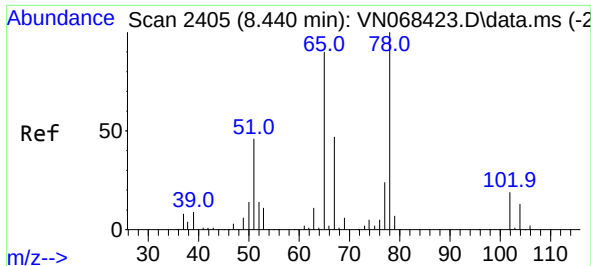
Tgt Ion:168 Resp: 535495
Ion Ratio Lower Upper
168 100
99 50.8 38.2 57.4



#25
2-Butanone
Concen: 1.883 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.013 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Tgt Ion: 43 Resp: 4494
Ion Ratio Lower Upper
43 100
72 36.0 26.7 40.1

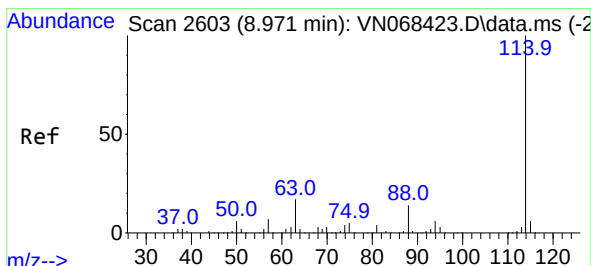
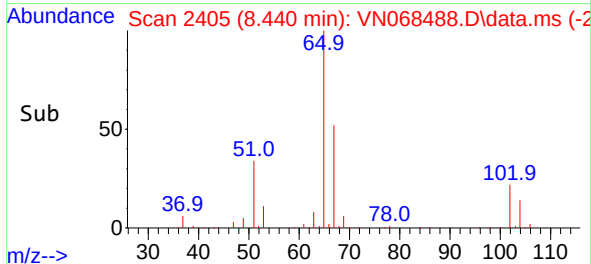
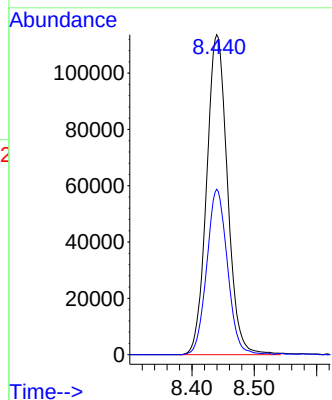
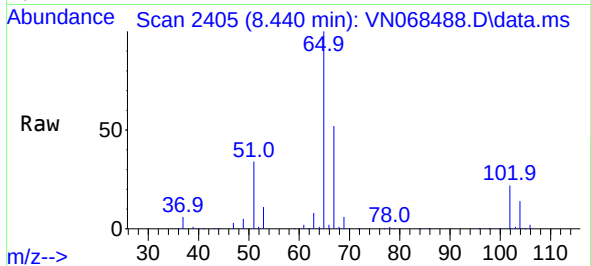




#33
 1,2-Dichloroethane-d4
 Concen: 53.860 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068488.D
 Acq: 15 Sep 2021 16:59

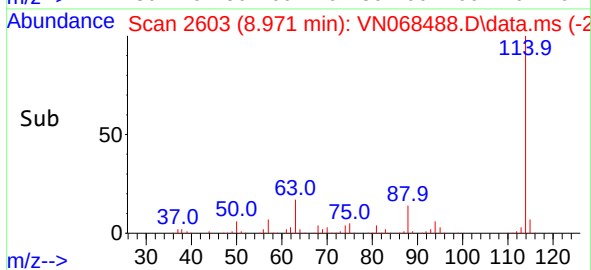
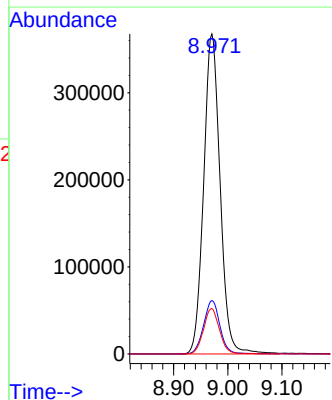
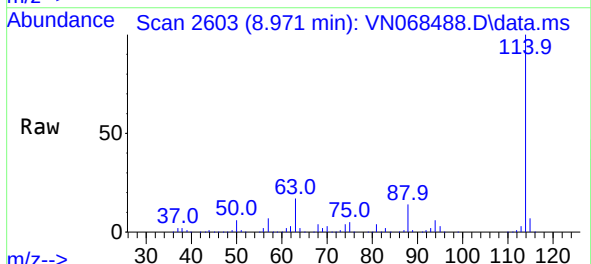
Instrument :
 MSVOA_N
 ClientSampled :
 31202

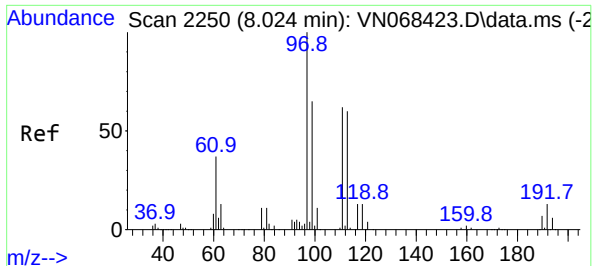
Tgt Ion: 65 Resp: 264566
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068488.D
 Acq: 15 Sep 2021 16:59

Tgt Ion: 114 Resp: 776171
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.2
 88 14.2 0.0 28.4



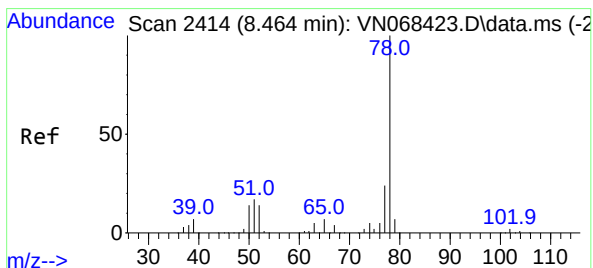
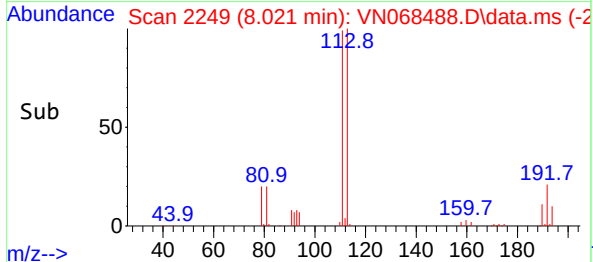
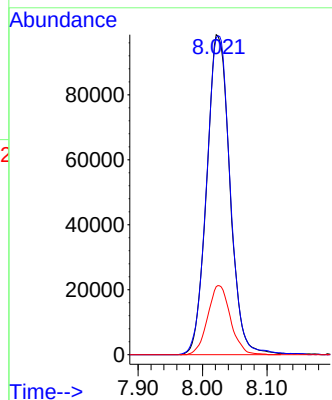
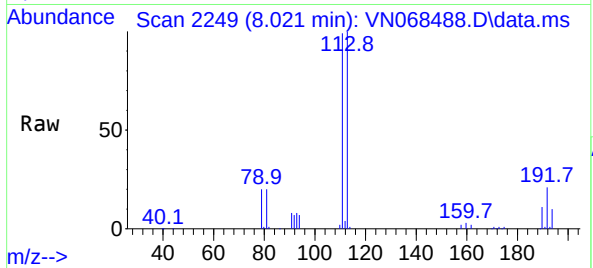


#35
 Dibromofluoromethane
 Concen: 52.576 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN068488.D
 Acq: 15 Sep 2021 16:59

Instrument :
 MSVOA_N
 ClientSampled :
 31202

Tgt Ion:113 Resp: 246123

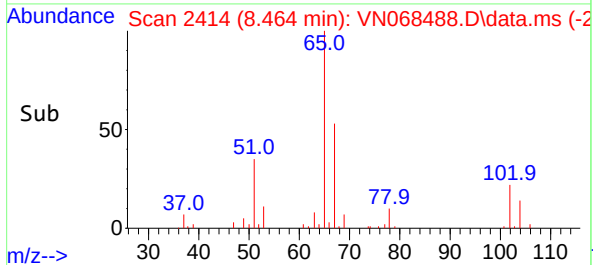
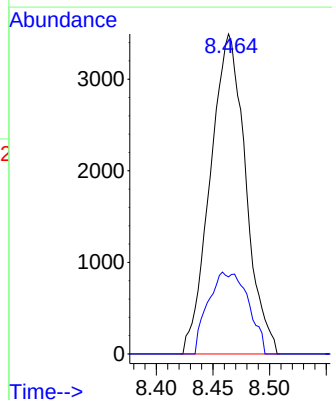
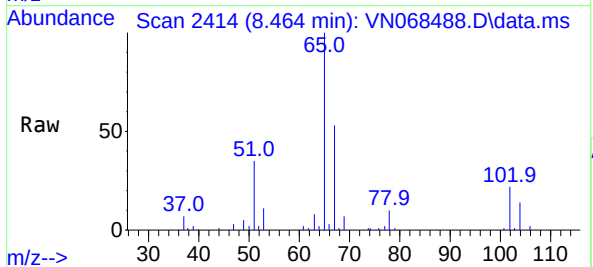
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.1	121.7
192	21.2	17.7	26.5

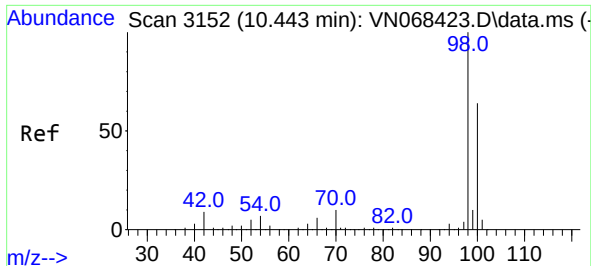


#40
 Benzene
 Concen: 0.396 ug/l
 RT: 8.464 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: VN068488.D
 Acq: 15 Sep 2021 16:59

Tgt Ion: 78 Resp: 7578

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

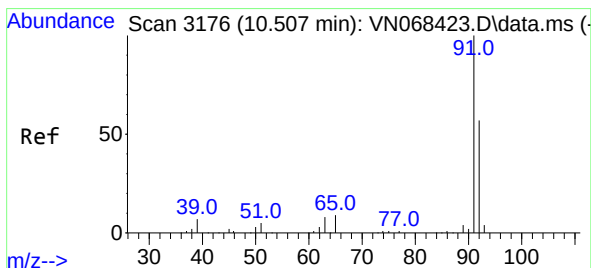
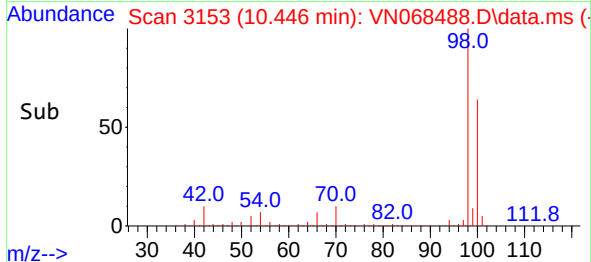
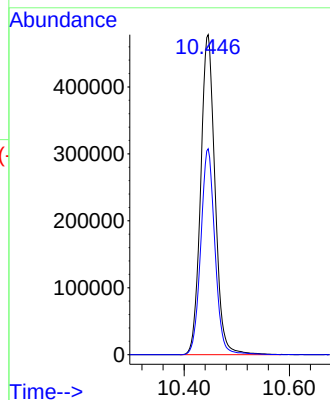
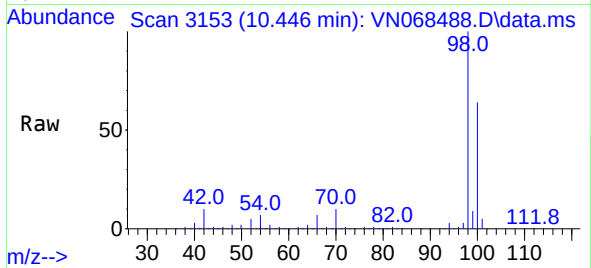




#50
Toluene-d8
Concen: 53.192 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

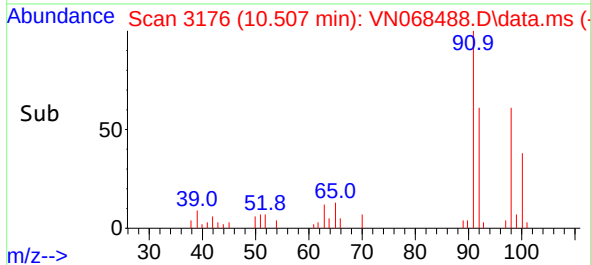
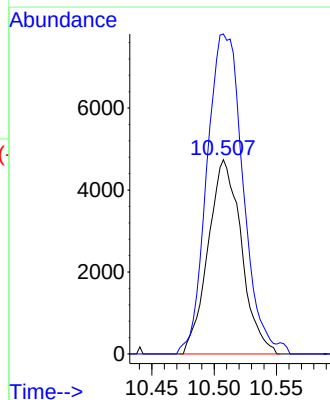
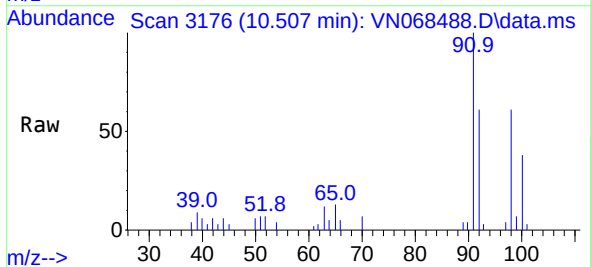
Instrument :
MSVOA_N
ClientSampled :
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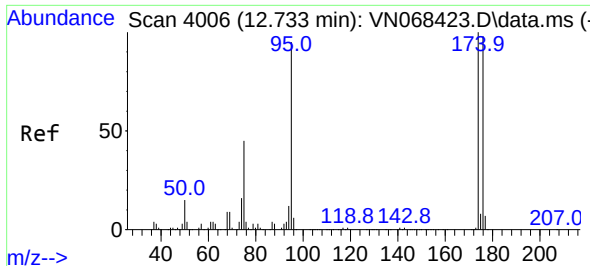
Tgt Ion: 98 Resp: 904515
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#52
Toluene
Concen: 0.693 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Tgt Ion: 92 Resp: 8805
Ion Ratio Lower Upper
92 100
91 179.1 139.4 209.0

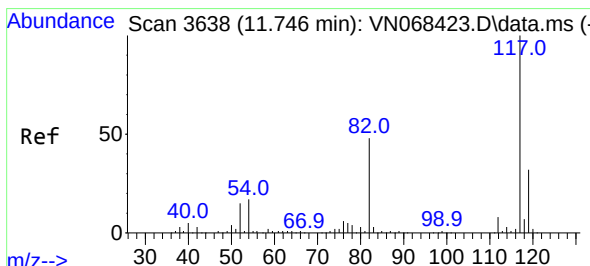
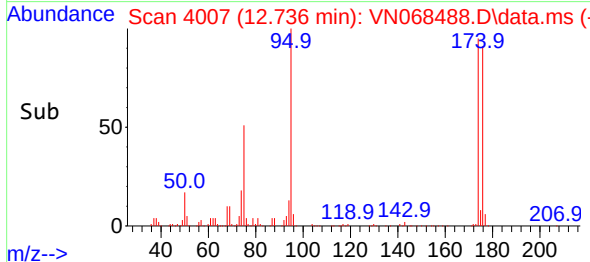
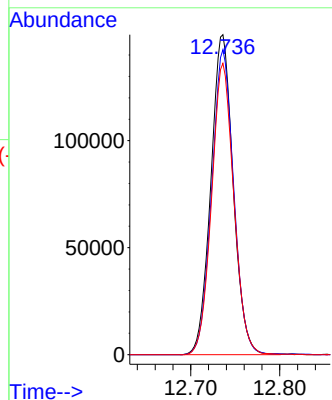
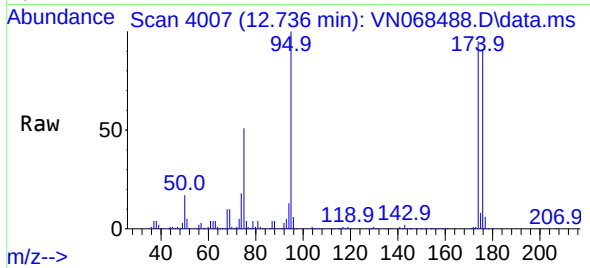




#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

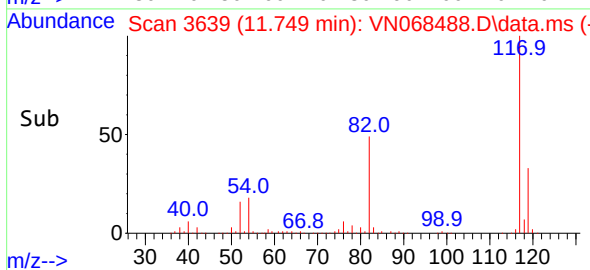
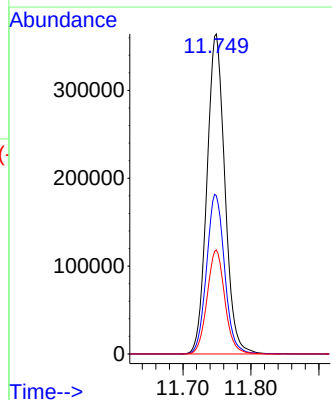
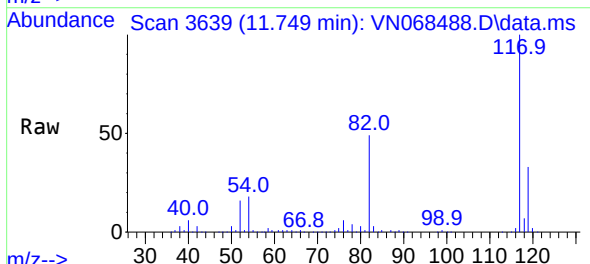
Instrument :
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ClientSampled :
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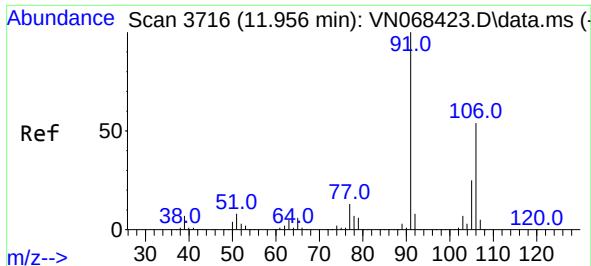
Tgt Ion: 95 Resp: 260071
Ion Ratio Lower Upper
95 100
174 94.4 0.0 214.0
176 90.5 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Tgt Ion: 117 Resp: 667924
Ion Ratio Lower Upper
117 100
82 49.4 38.7 58.1
119 32.5 25.5 38.3

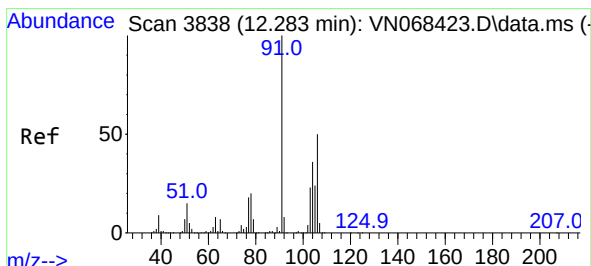
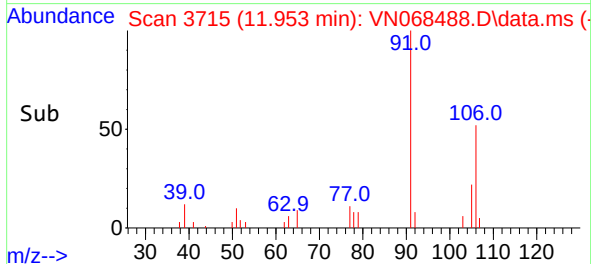
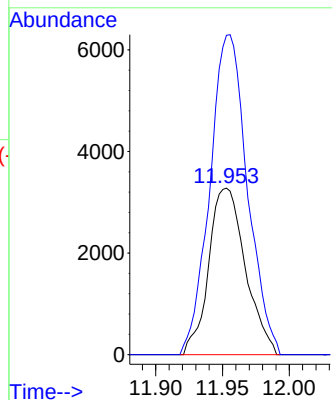
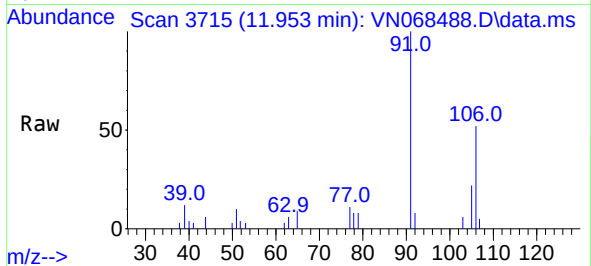




#68
m/p-Xylenes
Concen: 0.693 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

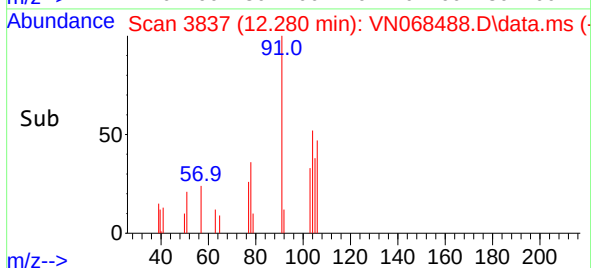
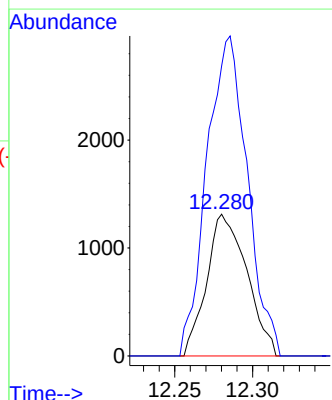
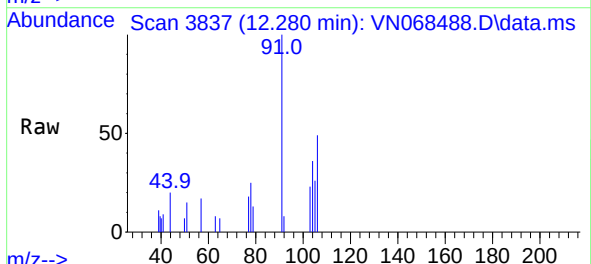
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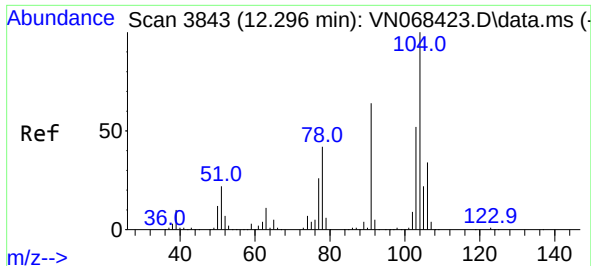
Tgt Ion:106 Resp: 6266
Ion Ratio Lower Upper
106 100
91 196.6 149.5 224.3



#69
o-Xylene
Concen: 0.267 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Tgt Ion:106 Resp: 2354
Ion Ratio Lower Upper
106 100
91 227.2 99.3 297.8

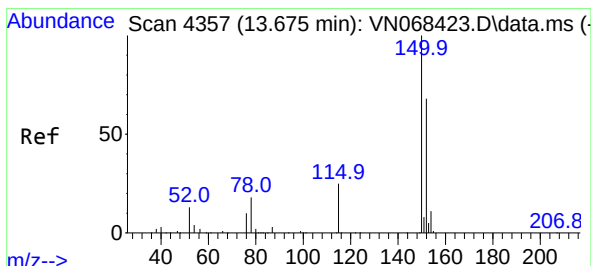
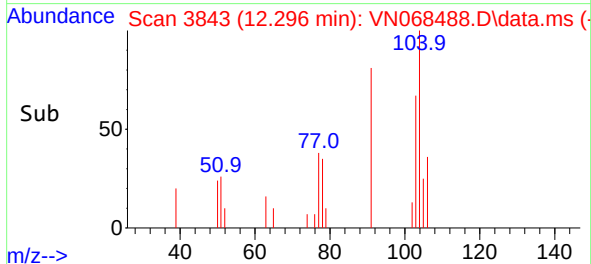
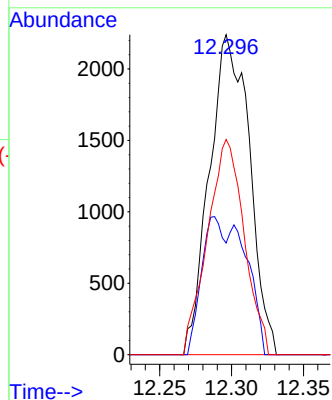
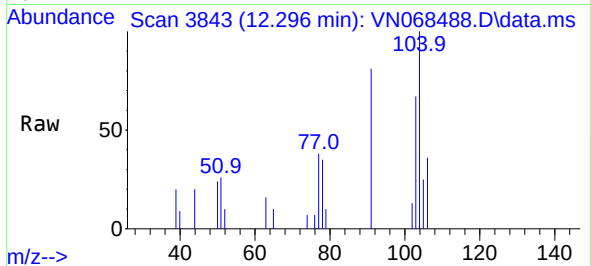




#70
Styrene
Concen: 0.325 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

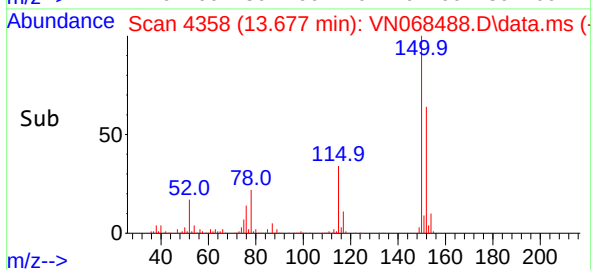
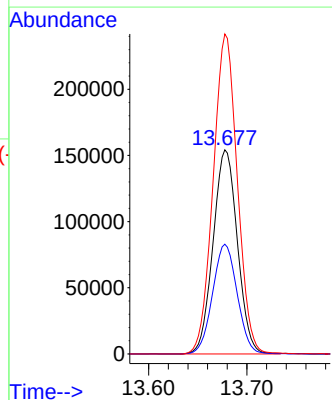
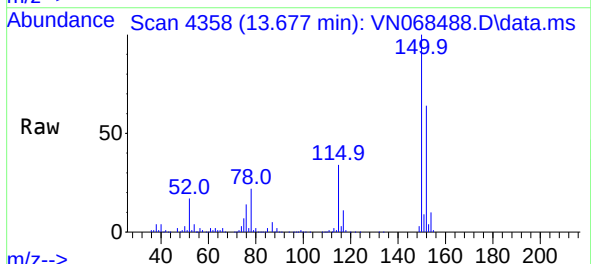
Instrument :
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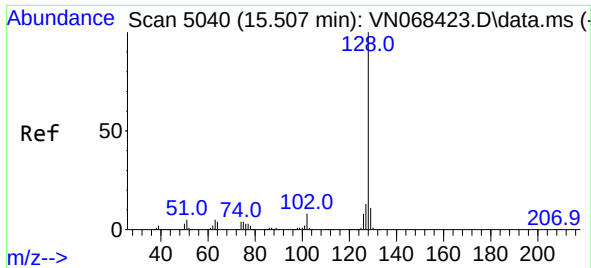
Tgt Ion:104 Resp: 4340
Ion Ratio Lower Upper
104 100
78 25.4 36.2 54.2#
103 61.6 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Tgt Ion:152 Resp: 264904
Ion Ratio Lower Upper
152 100
115 54.5 25.6 76.6
150 155.9 0.0 346.8





#95
Naphthalene
Concen: 4.478 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068488.D
Acq: 15 Sep 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
31202

Tgt Ion:	128	Resp:	11063
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	9.0	8.6	13.0

