

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067930.D
 Acq On : 27 Jul 2021 15:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 28 05:21:00 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)

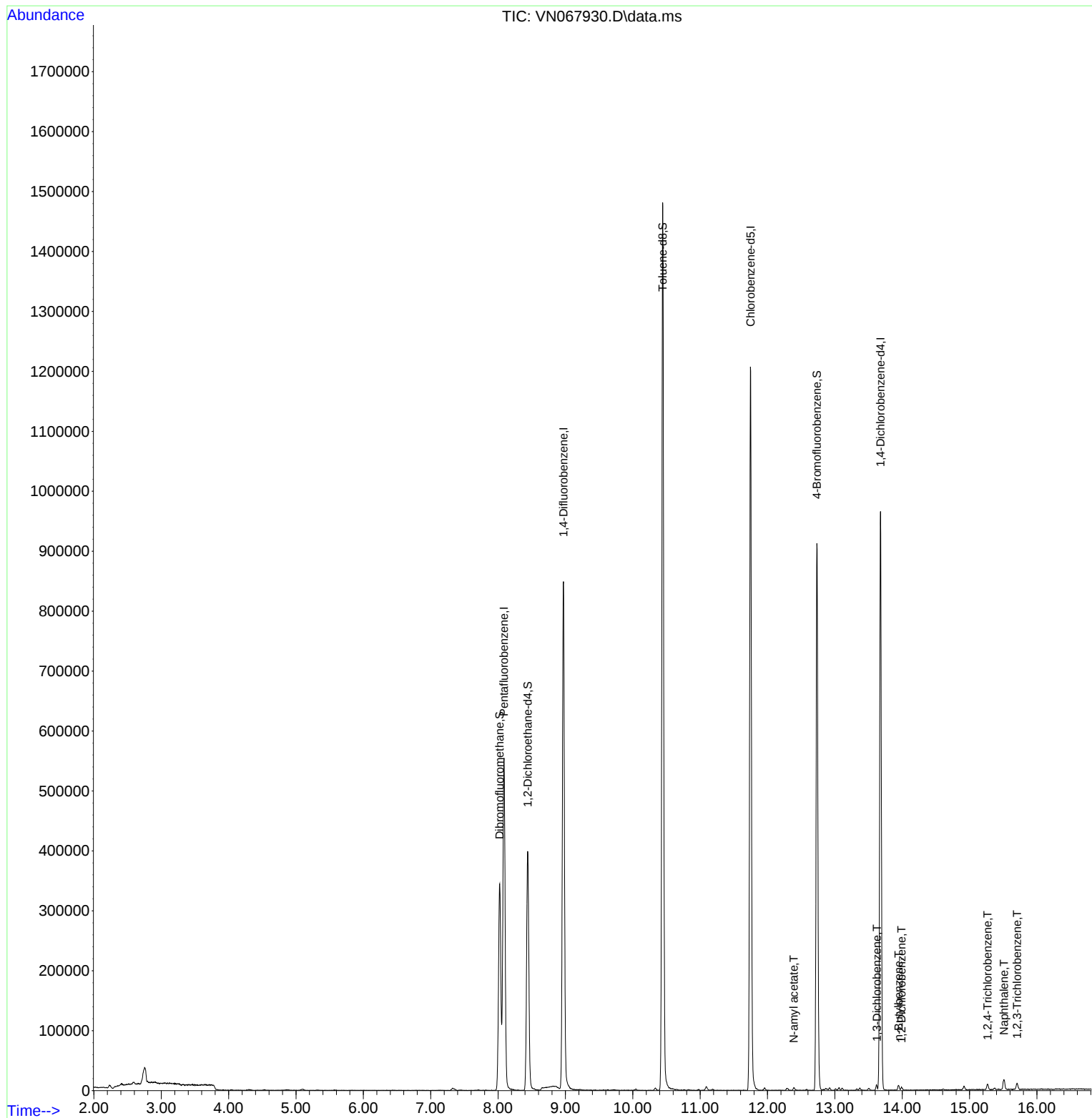
Internal Standards						
1) Pentafluorobenzene	8.086	168	400383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	755325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	708725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	249090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	342265	56.563	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.120%			
35) Dibromofluoromethane	8.024	113	253895	55.636	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.280%			
50) Toluene-d8	10.443	98	1033422	54.101	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.200%			
62) 4-Bromofluorobenzene	12.733	95	327044	48.467	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.940%			
Target Compounds						Qvalue
74) N-amyl acetate	12.390	43	2848	0.391	ug/l #	91
87) 1,3-Dichlorobenzene	13.624	146	2187	0.265	ug/l	93
89) n-Butylbenzene	13.946	91	5544	0.417	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	2294	0.288	ug/l	93
93) 1,2,4-Trichlorobenzene	15.268	180	3165	3.396	ug/l	65
95) Naphthalene	15.509	128	15846	4.233	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.705	180	3779	3.533	ug/l #	59

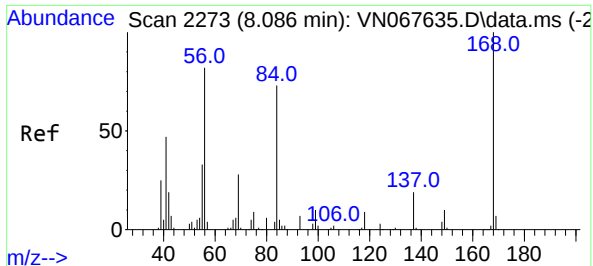
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

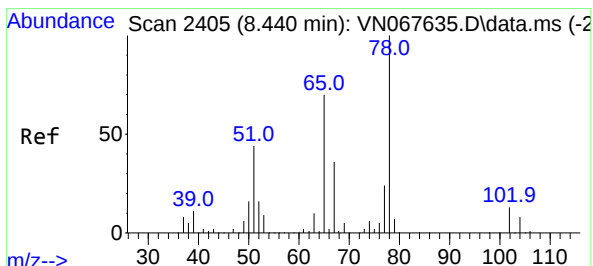
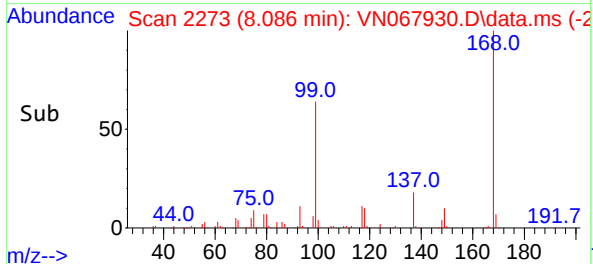
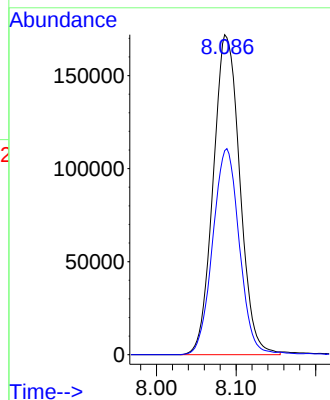
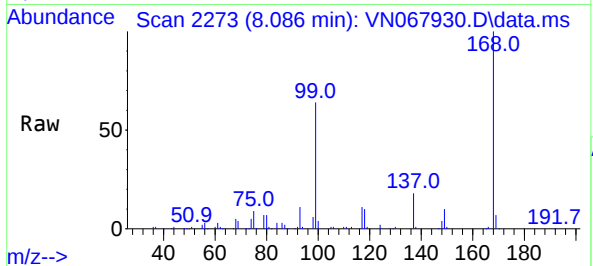




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

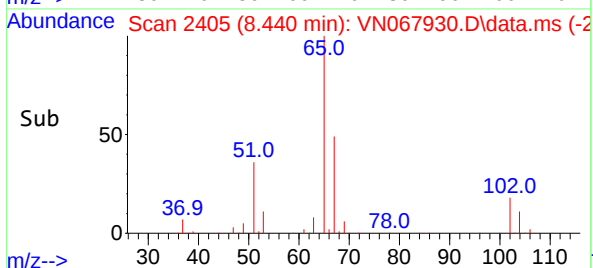
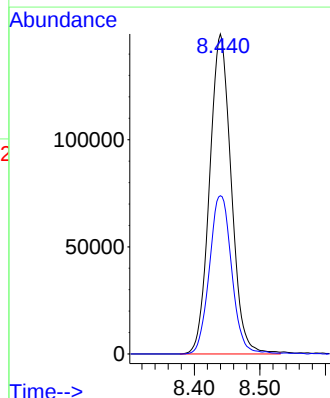
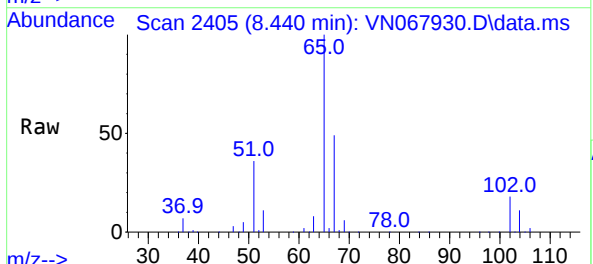
Instrument :
MSVOA_N
ClientSampleId :
IBLK

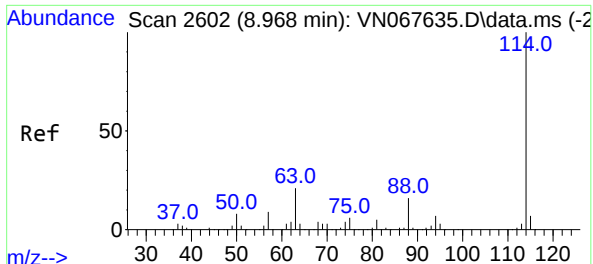
Tgt Ion:168 Resp: 400383
Ion Ratio Lower Upper
168 100
99 63.8 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 56.563 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

Tgt Ion: 65 Resp: 342265
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

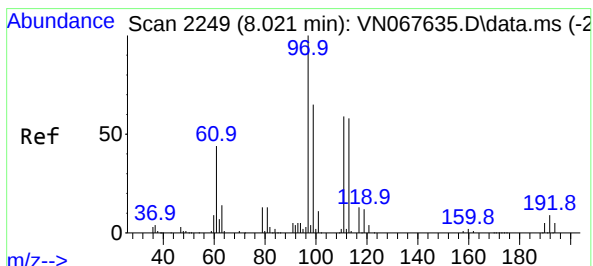
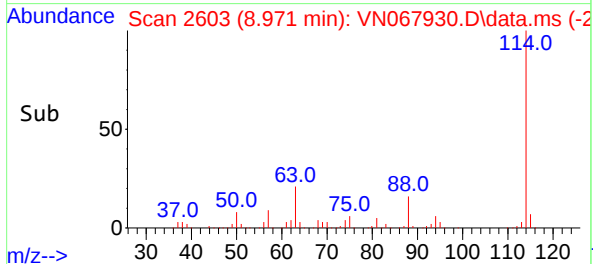
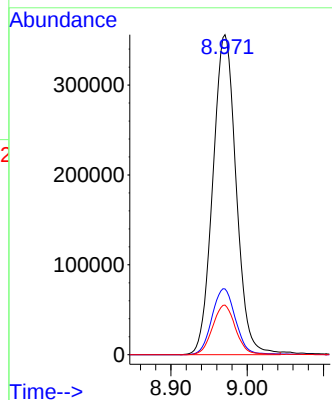
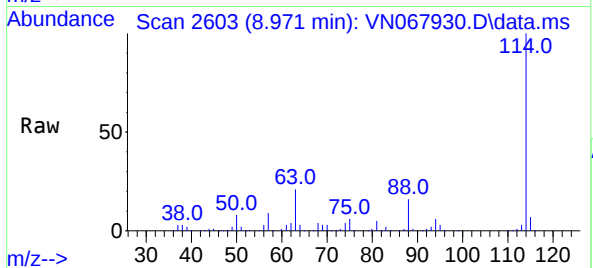




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

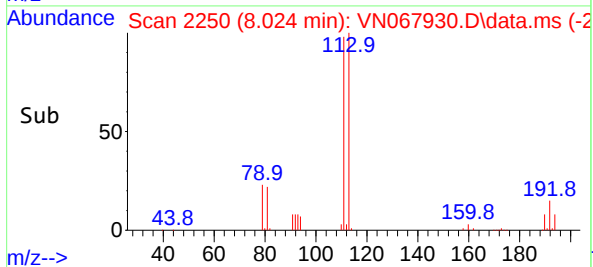
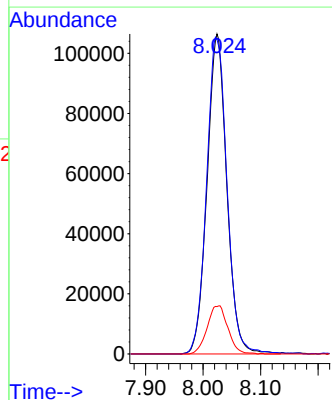
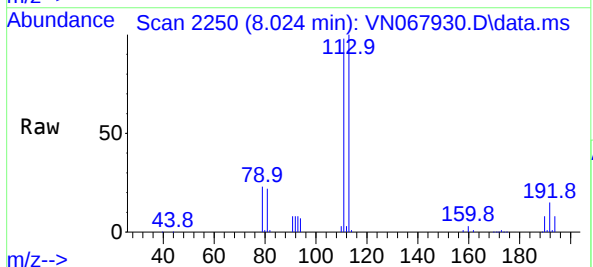
Instrument :
MSVOA_N
ClientSampled :
IBLK

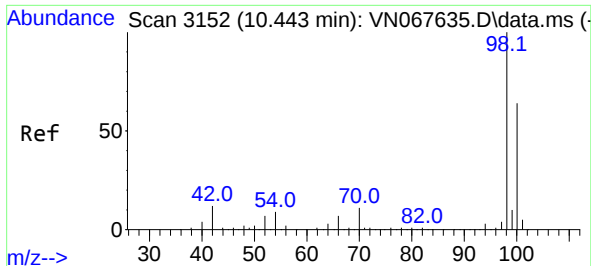
Tgt Ion:114 Resp: 755325
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.636 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

Tgt Ion:113 Resp: 253895
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 15.8 13.4 20.0

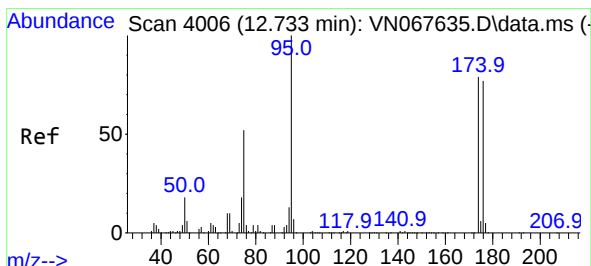
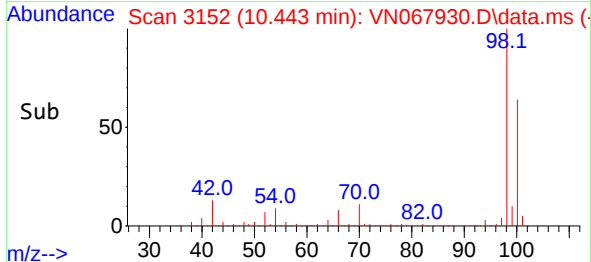
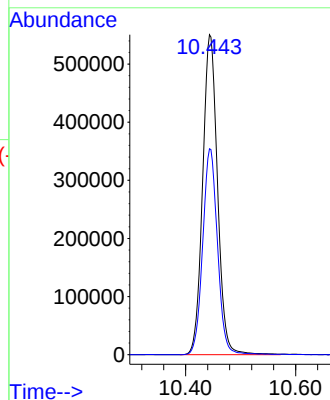
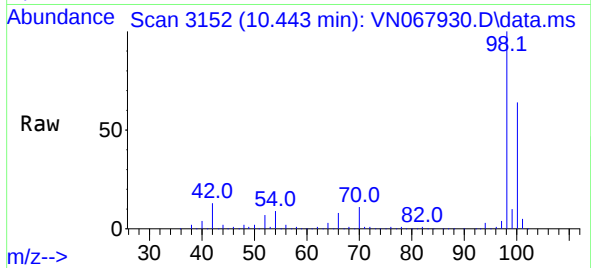




#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

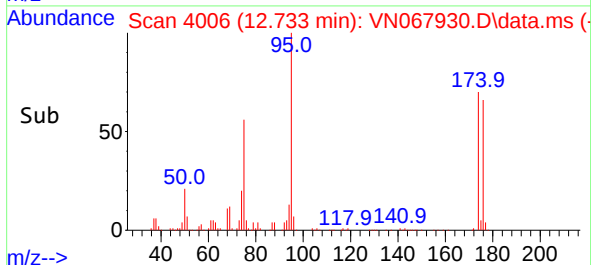
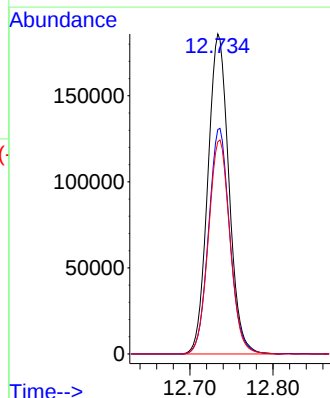
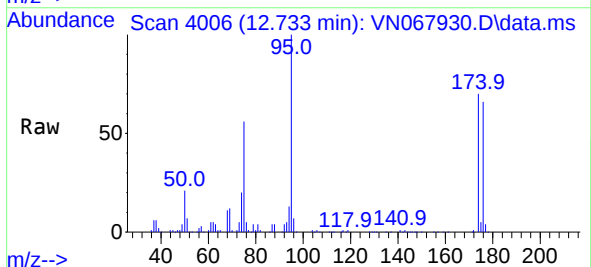
Instrument :
MSVOA_N
ClientSampleId :
IBLK

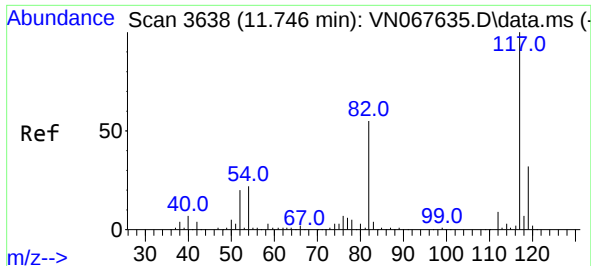
Tgt Ion: 98 Resp: 1033422
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.467 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

Tgt Ion: 95 Resp: 327044
Ion Ratio Lower Upper
95 100
174 71.0 0.0 122.0
176 68.2 0.0 117.6

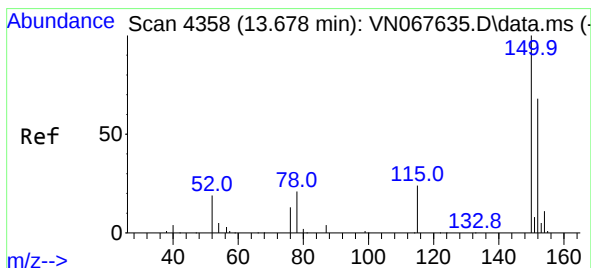
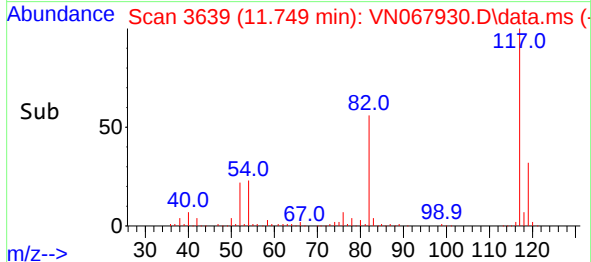
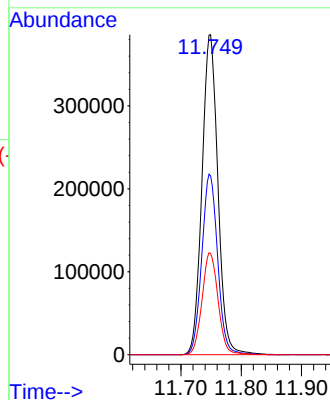
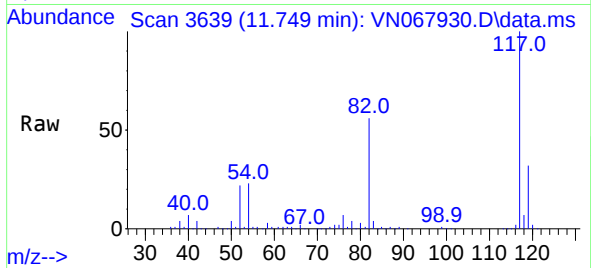




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

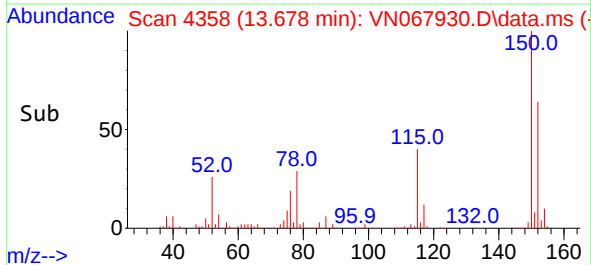
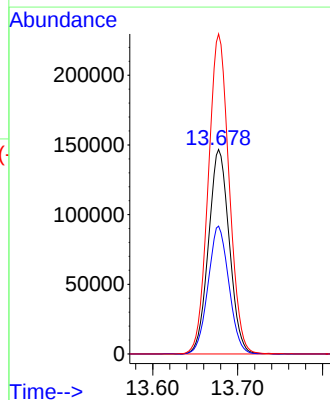
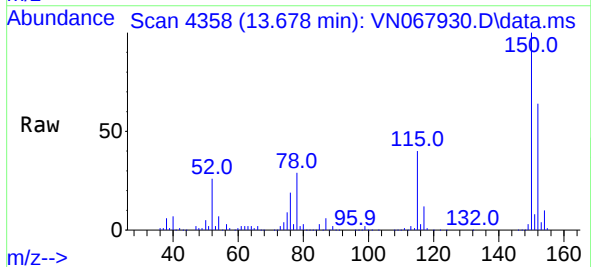
Instrument :
MSVOA_N
ClientSampleId :
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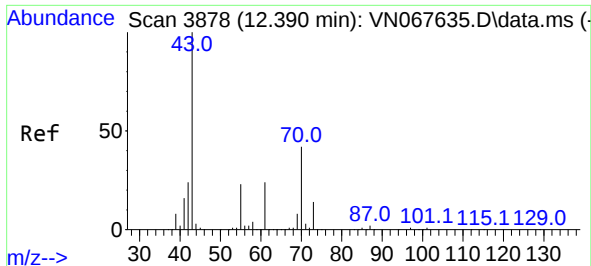
Tgt Ion:117 Resp: 708725
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

Tgt Ion:152 Resp: 249090
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 157.0 0.0 351.8

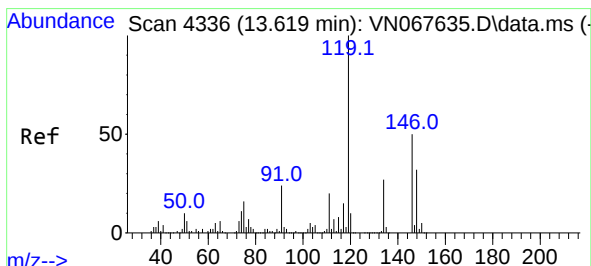
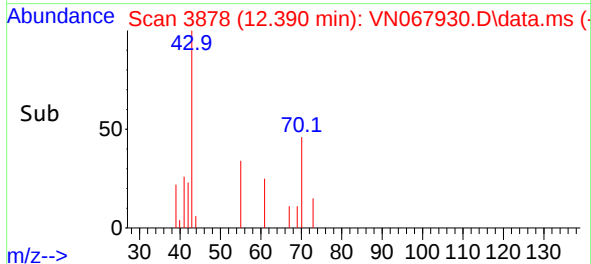
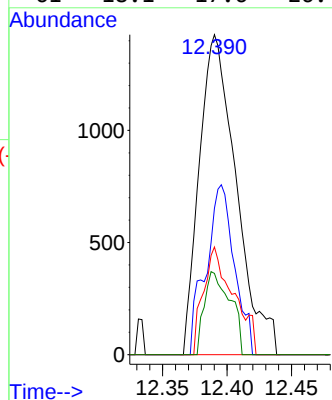
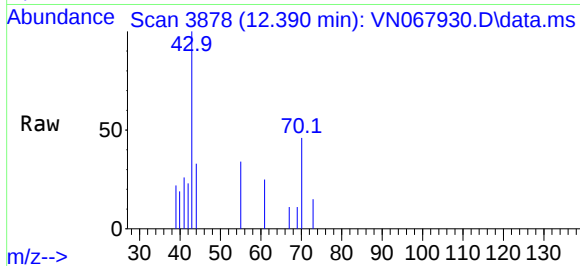




#74
N-amy1 acetate
Concen: 0.391 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

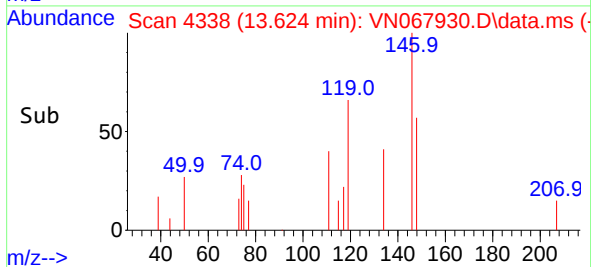
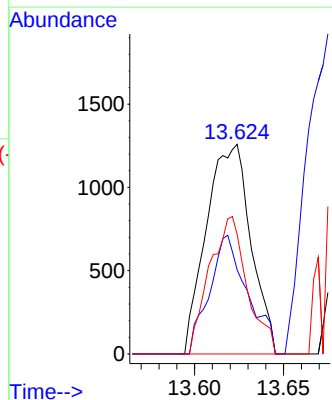
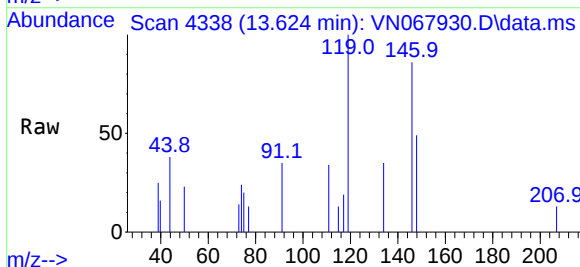
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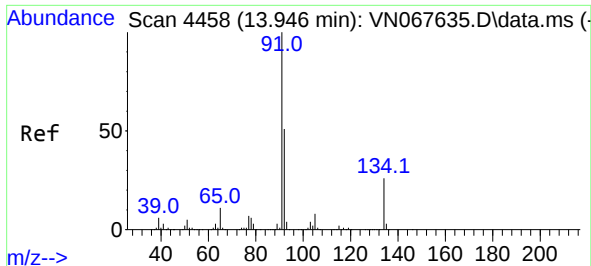
Tgt Ion:	43	Resp:	2848
Ion	Ratio	Lower	Upper
43	100		
70	40.9	29.4	44.2
55	27.5	17.0	25.4#
61	18.1	17.6	26.4



#87
1,3-Dichlorobenzene
Concen: 0.265 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.005 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

Tgt Ion:	146	Resp:	2187
Ion	Ratio	Lower	Upper
146	100		
111	48.2	24.3	72.8
148	55.2	32.0	96.0

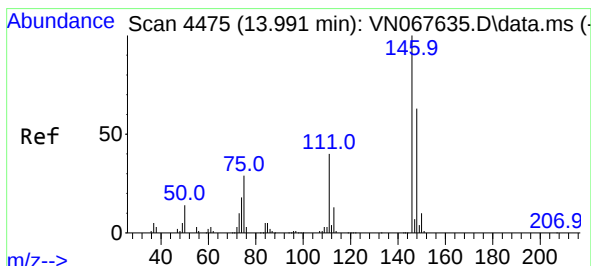
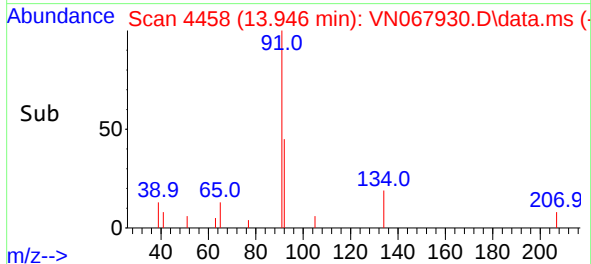
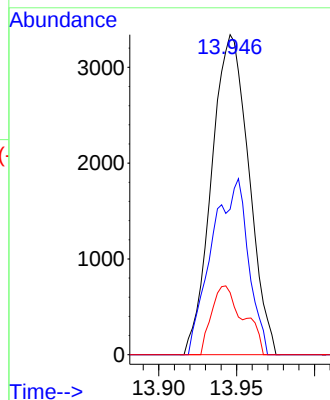
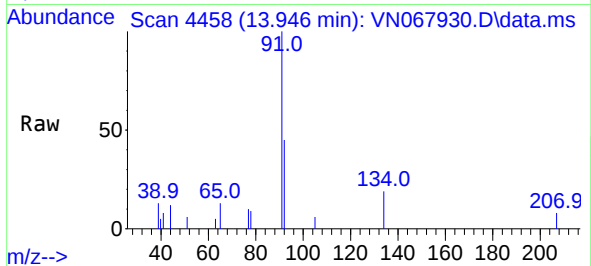




#89
n-Butylbenzene
Concen: 0.417 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

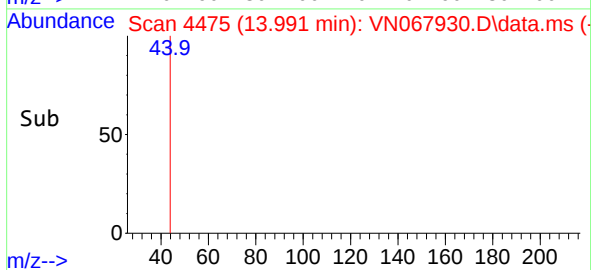
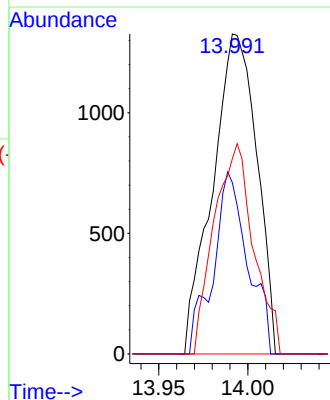
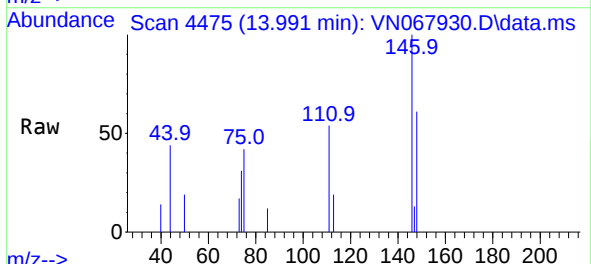
Instrument :
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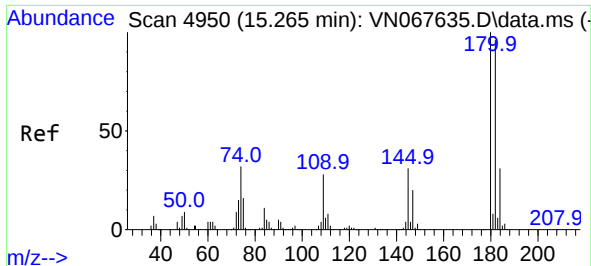
Tgt Ion:	91	Resp:	5544
Ion	Ratio	Lower	Upper
91	100		
92	54.1	25.7	77.1
134	18.4	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 0.288 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

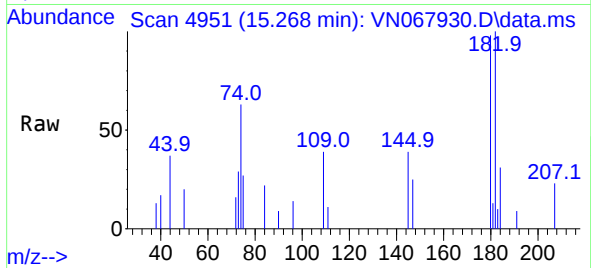
Tgt Ion:	146	Resp:	2294
Ion	Ratio	Lower	Upper
146	100		
111	44.5	24.9	74.6
148	58.7	31.6	95.0



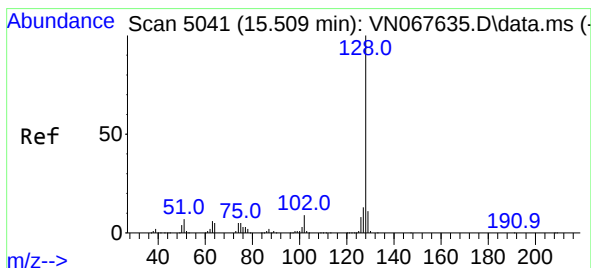
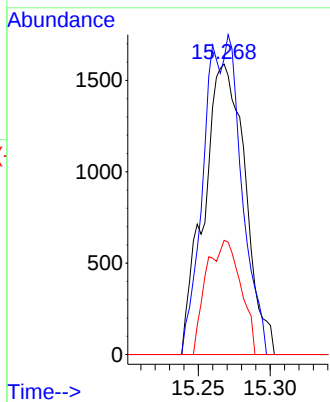
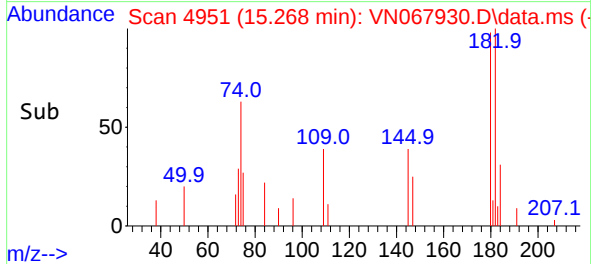


#93
1,2,4-Trichlorobenzene
Concen: 3.396 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58

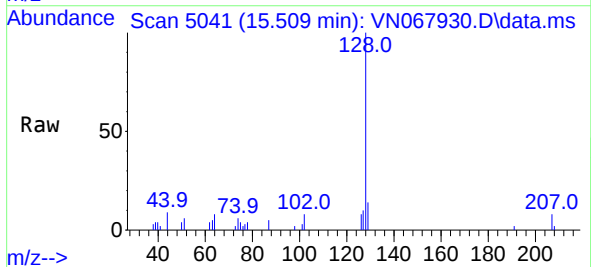
Instrument :
MSVOA_N
ClientSampled :
IBLK



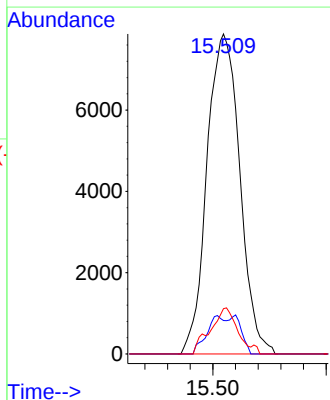
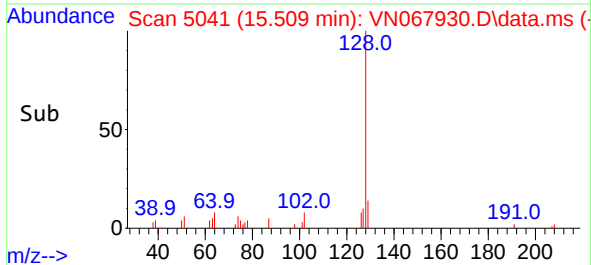
Tgt Ion:180 Resp: 3165
Ion Ratio Lower Upper
180 100
182 49.3 47.5 142.5
145 32.8 17.2 51.6

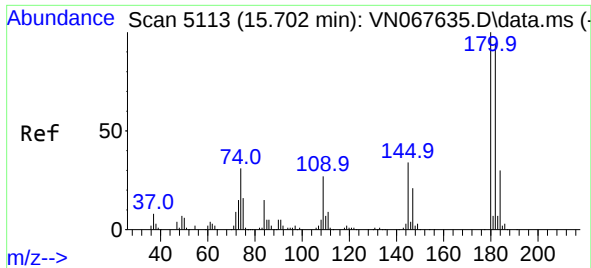


#95
Naphthalene
Concen: 4.233 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067930.D
Acq: 27 Jul 2021 15:58



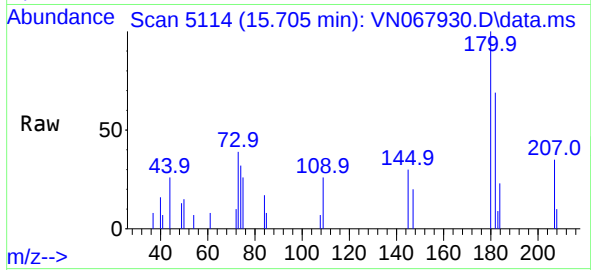
Tgt Ion:128 Resp: 15846
Ion Ratio Lower Upper
128 100
127 7.0 10.6 15.8#
129 12.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.533 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067930.D
 Acq: 27 Jul 2021 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 3779
 Ion Ratio Lower Upper
 180 100
 182 43.7 47.8 143.3#
 145 41.1 18.2 54.6

