

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069034.D
 Acq On : 19 Oct 2021 18:39
 Operator : JC/MD
 Sample : M4244-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T5-1-BOTTOM-GRAB

Quant Time: Oct 20 05:49:52 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)

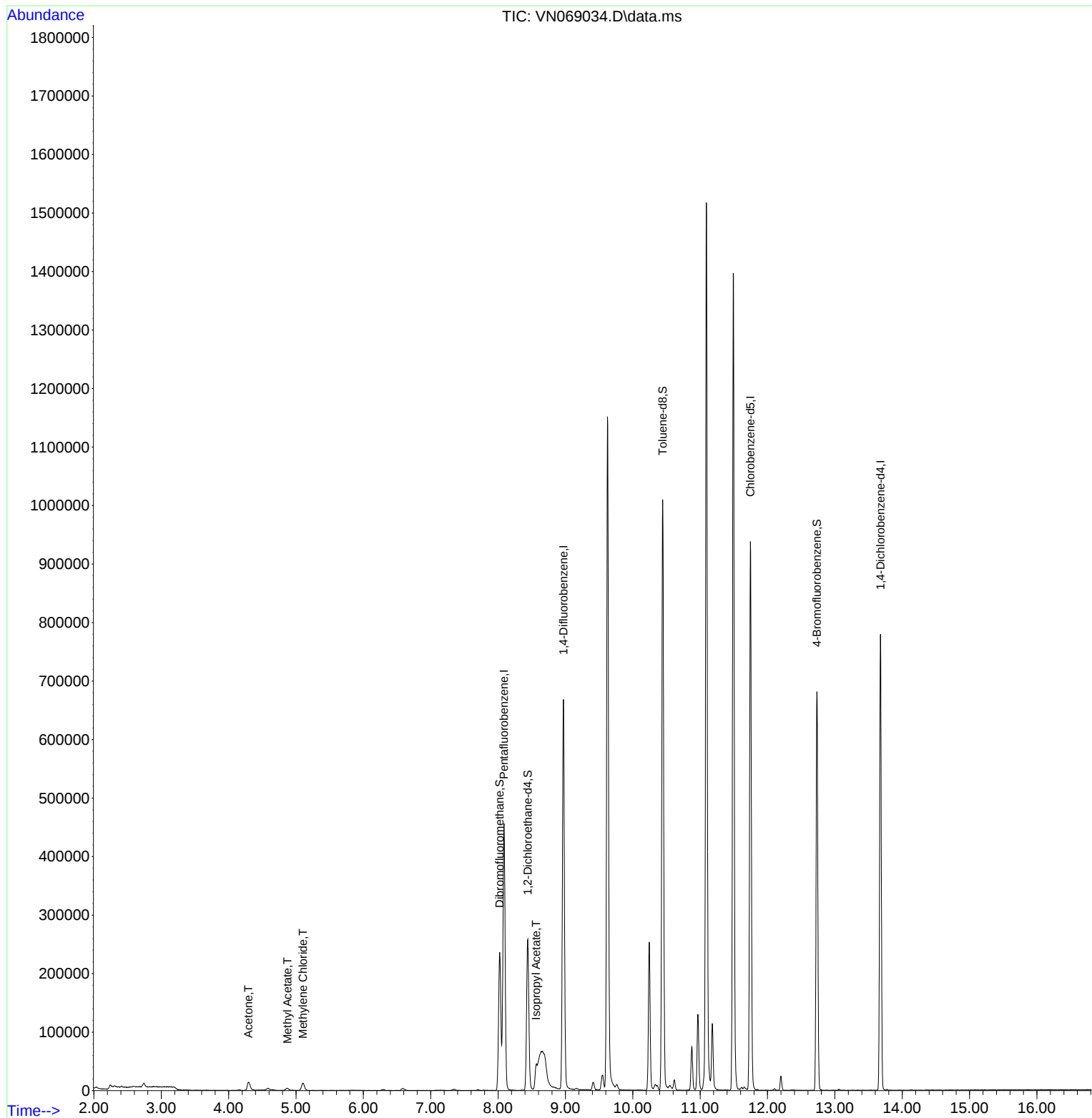
Internal Standards						
1) Pentafluorobenzene	8.088	168	340156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	592850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	550522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221157	49.312	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.620%
35) Dibromofluoromethane	8.024	113	174290	50.530	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.060%
50) Toluene-d8	10.443	98	734396	53.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.733	95	250675	48.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.280%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	28867	17.248	ug/l	98
18) Methyl Acetate	4.873	43	8399	1.323	ug/l #	90
20) Methylene Chloride	5.103	84	10314	2.677	ug/l	94
43) Isopropyl Acetate	8.566	43	45889	4.973	ug/l #	84

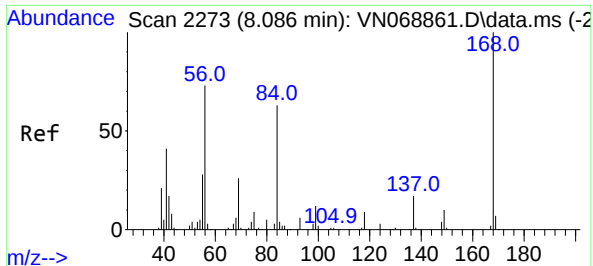
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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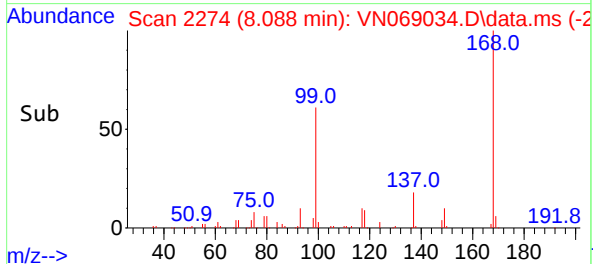
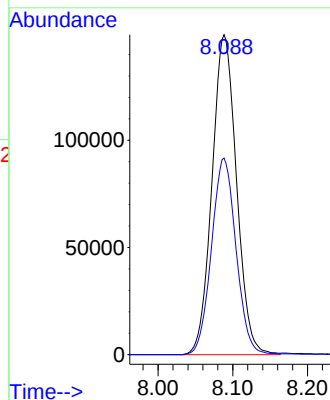
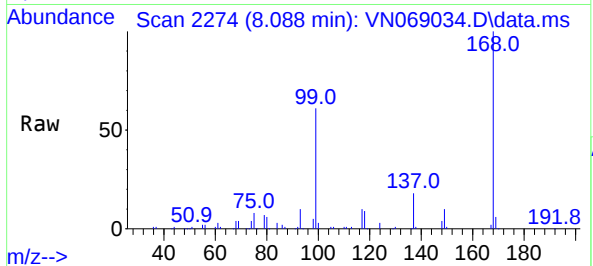




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

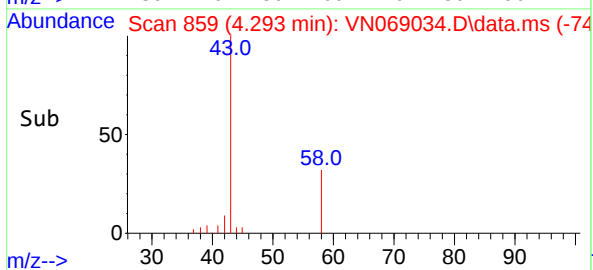
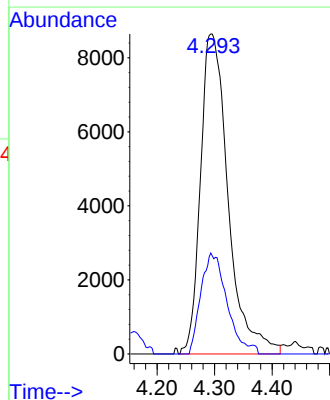
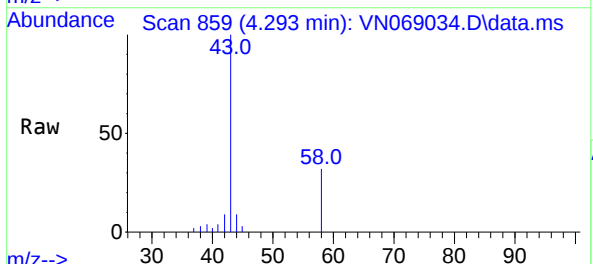
Instrument :
MSVOA_N
ClientSampleId :
T5-1-BOTTOM-GRAB

Tgt Ion:168 Resp: 340156
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#16
Acetone
Concen: 17.248 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 28867
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7





#18

Methyl Acetate

Concen: 1.323 ug/l

RT: 4.873 min Scan# 1075

Delta R.T. 0.019 min

Lab File: VN069034.D

Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 8399

Ion Ratio Lower Upper

43 100

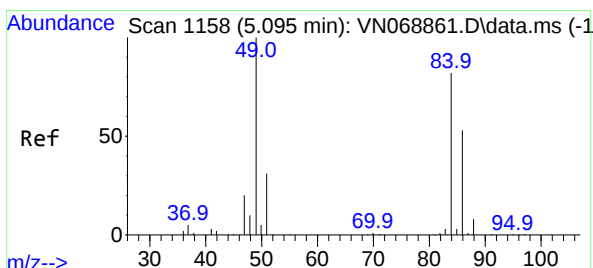
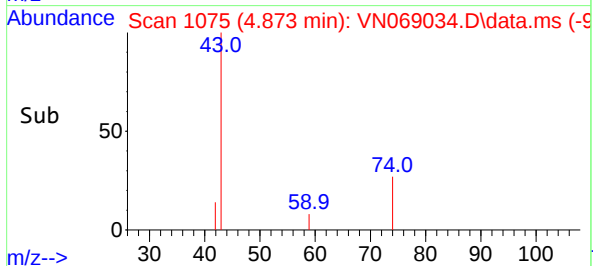
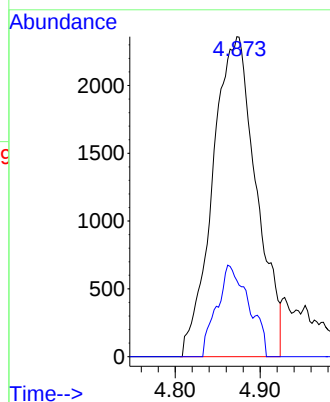
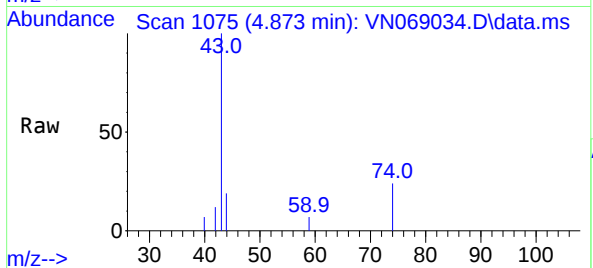
74 18.5 18.9 28.3#

Instrument :

MSVOA_N

ClientSampleId :

T5-1-BOTTOM-GRAB



#20

Methylene Chloride

Concen: 2.677 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN069034.D

Acq: 19 Oct 2021 18:39

Tgt Ion: 84 Resp: 10314

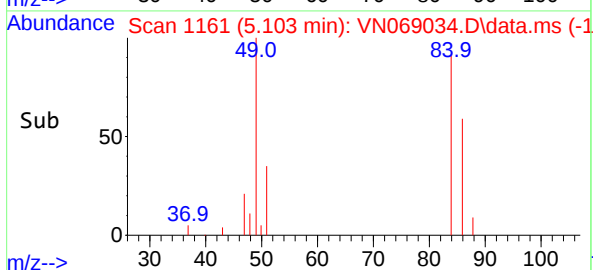
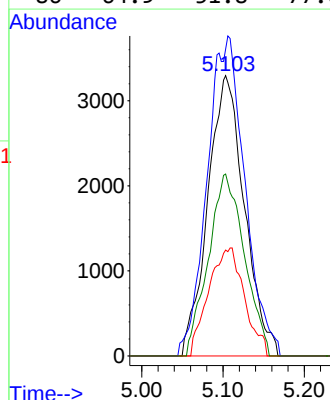
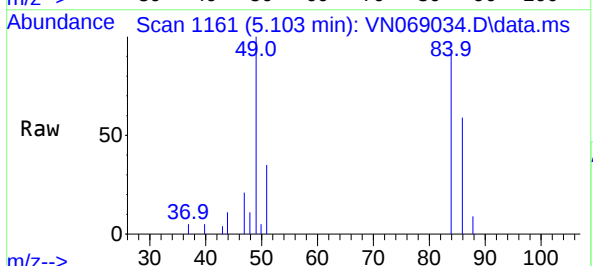
Ion Ratio Lower Upper

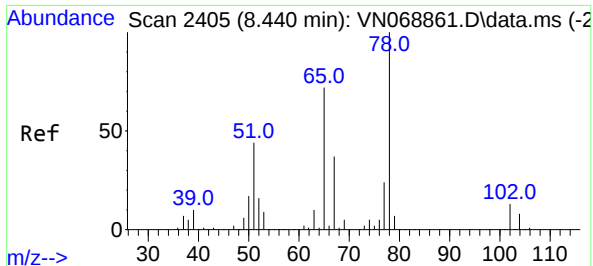
84 100

49 109.4 97.6 146.4

51 37.8 30.3 45.5

86 64.9 51.8 77.6



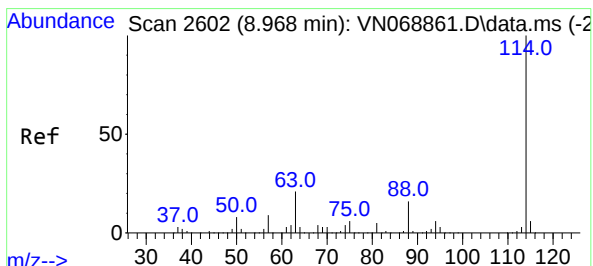
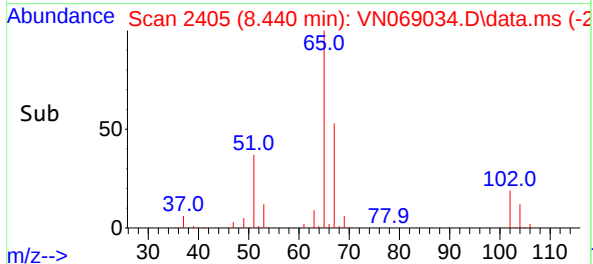
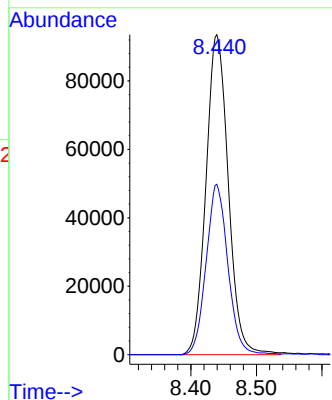
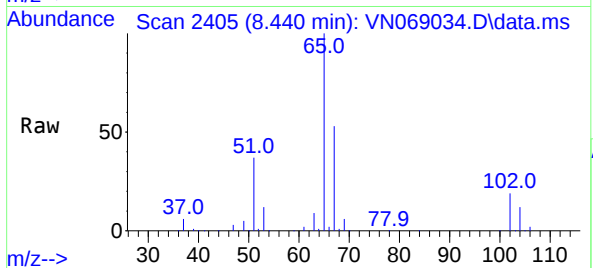


#33

1,2-Dichloroethane-d4
Concen: 49.312 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Instrument :
MSVOA_N
ClientSampleId :
T5-1-BOTTOM-GRAB

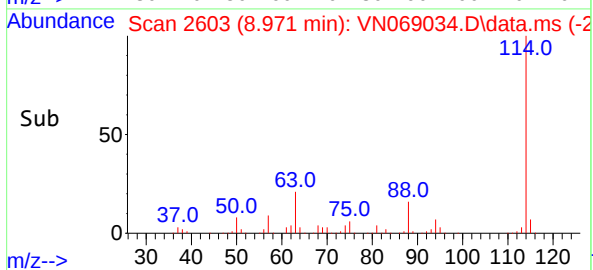
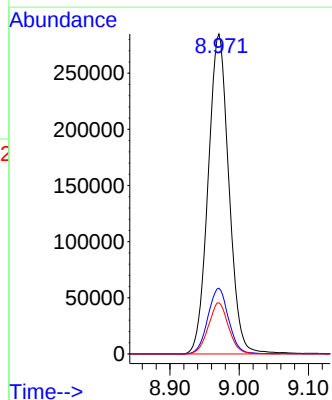
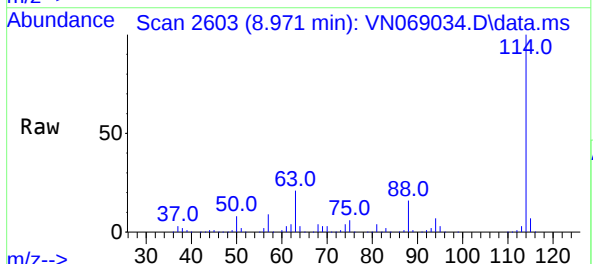
Tgt Ion: 65 Resp: 221157
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

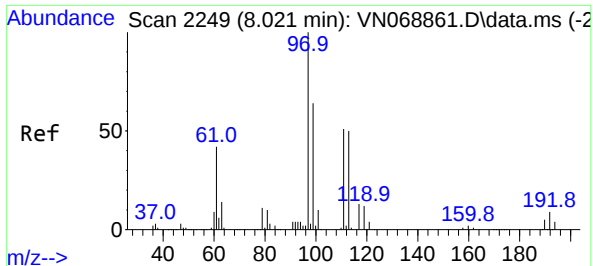


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 114 Resp: 592850
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.0 0.0 32.0

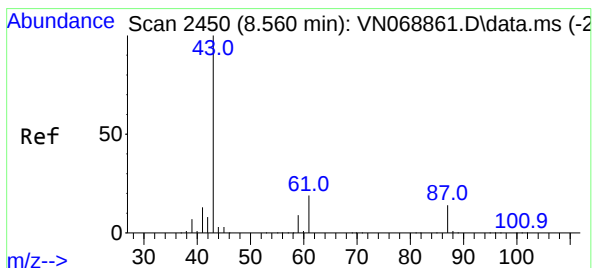
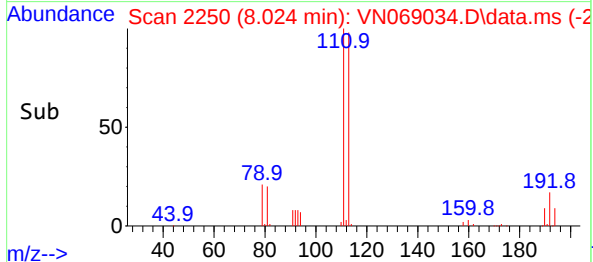
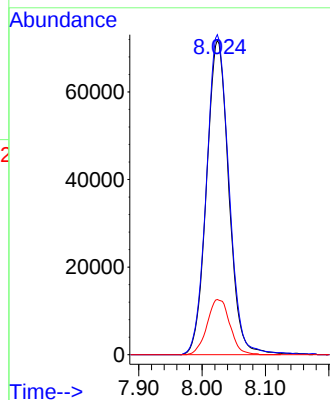
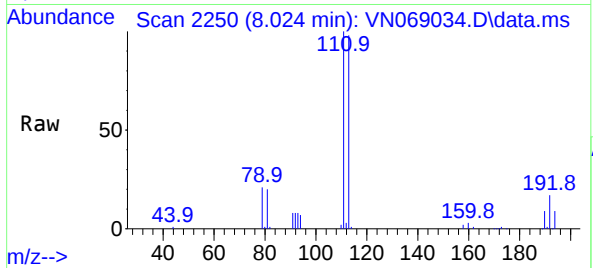




#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

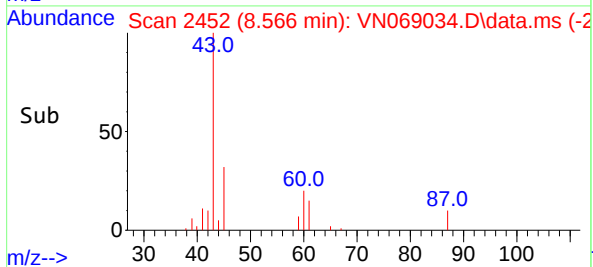
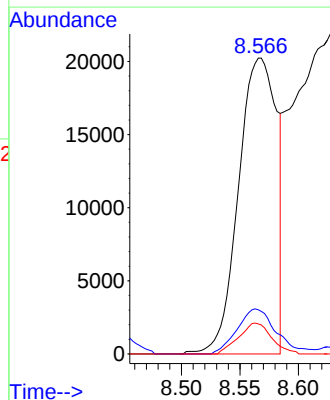
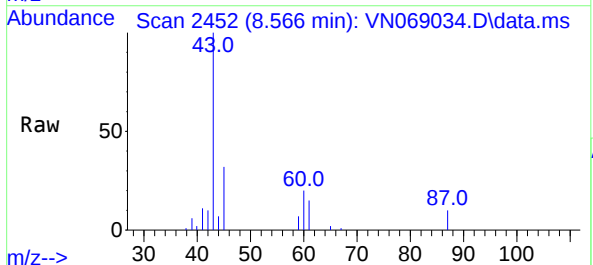
Instrument :
MSVOA_N
ClientSampleId :
T5-1-BOTTOM-GRAB

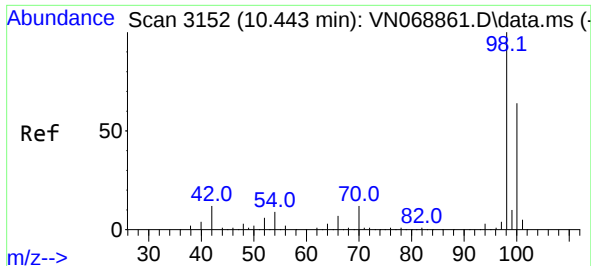
Tgt Ion:113 Resp: 174290
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.1 15.0 22.4



#43
Isopropyl Acetate
Concen: 4.973 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 43 Resp: 45889
Ion Ratio Lower Upper
43 100
61 15.8 20.4 30.6#
87 9.0 10.7 16.1#

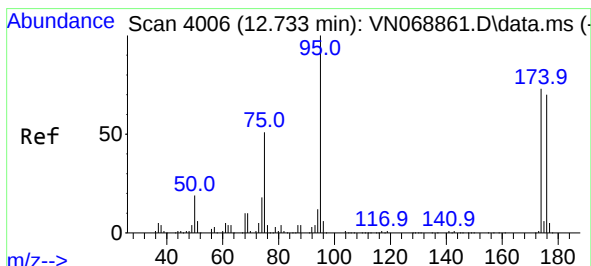
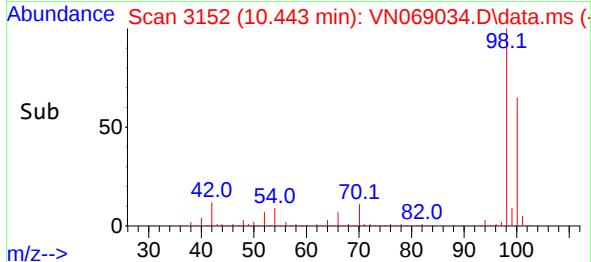
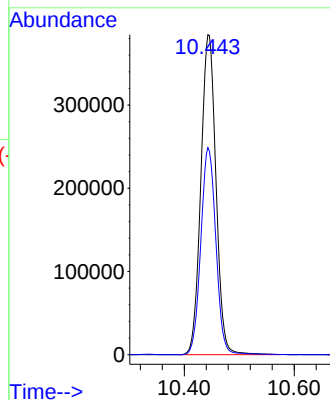
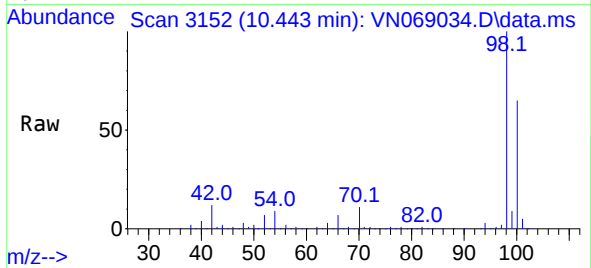




#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

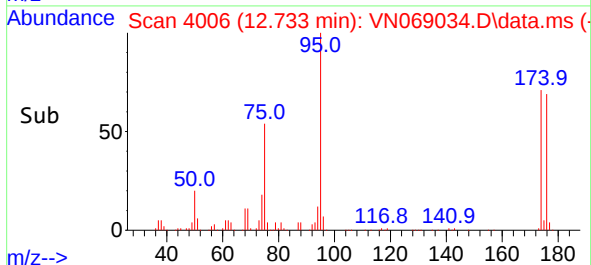
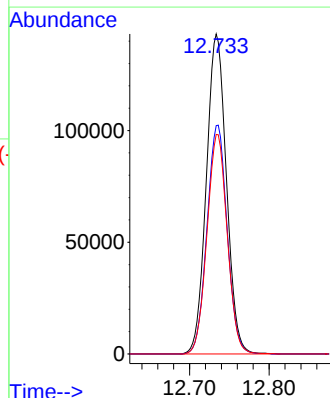
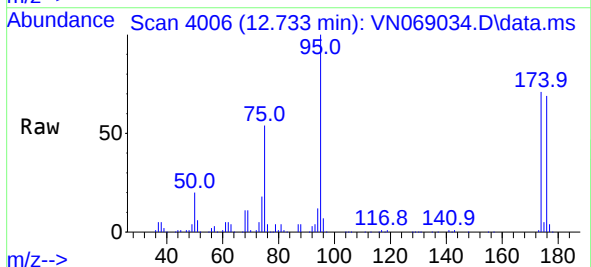
Instrument :
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T5-1-BOTTOM-GRAB

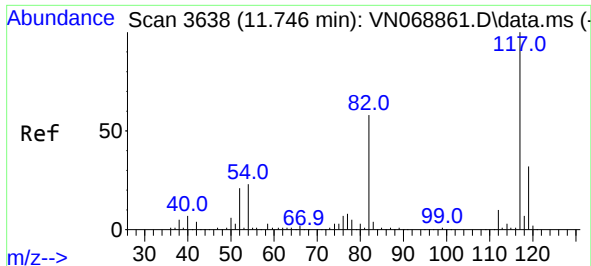
Tgt Ion: 98 Resp: 734396
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion: 95 Resp: 250675
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.8
176 69.2 0.0 140.0



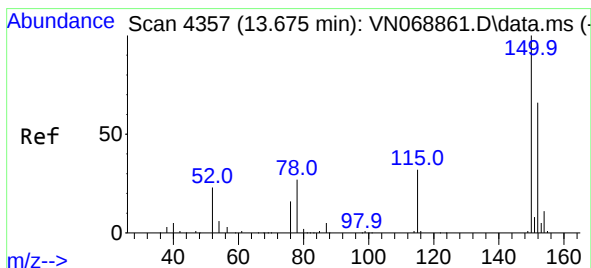
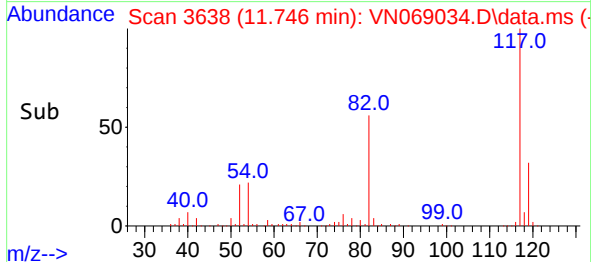
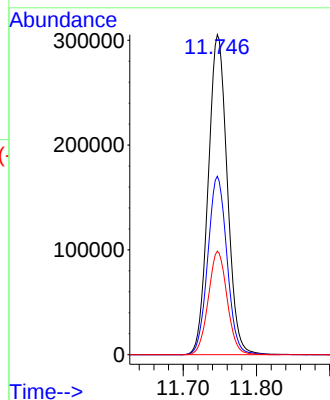
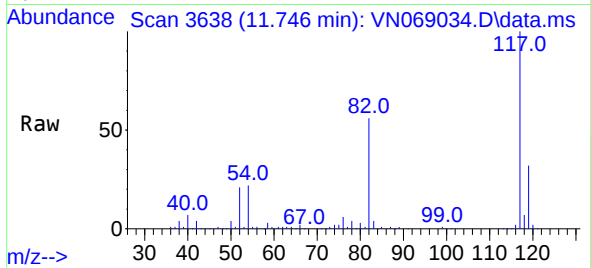


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Instrument :
MSVOA_N
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T5-1-BOTTOM-GRAB

Tgt Ion:117 Resp: 550522

Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.4	69.6
119	32.3	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069034.D
Acq: 19 Oct 2021 18:39

Tgt Ion:152 Resp: 206259

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.4	94.3
150	157.0	0.0	351.0

