

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068980.D
 Acq On : 18 Oct 2021 15:34
 Operator : JC/MD
 Sample : M4243-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-1-TOP-GRAB

Quant Time: Oct 19 06:36:58 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)

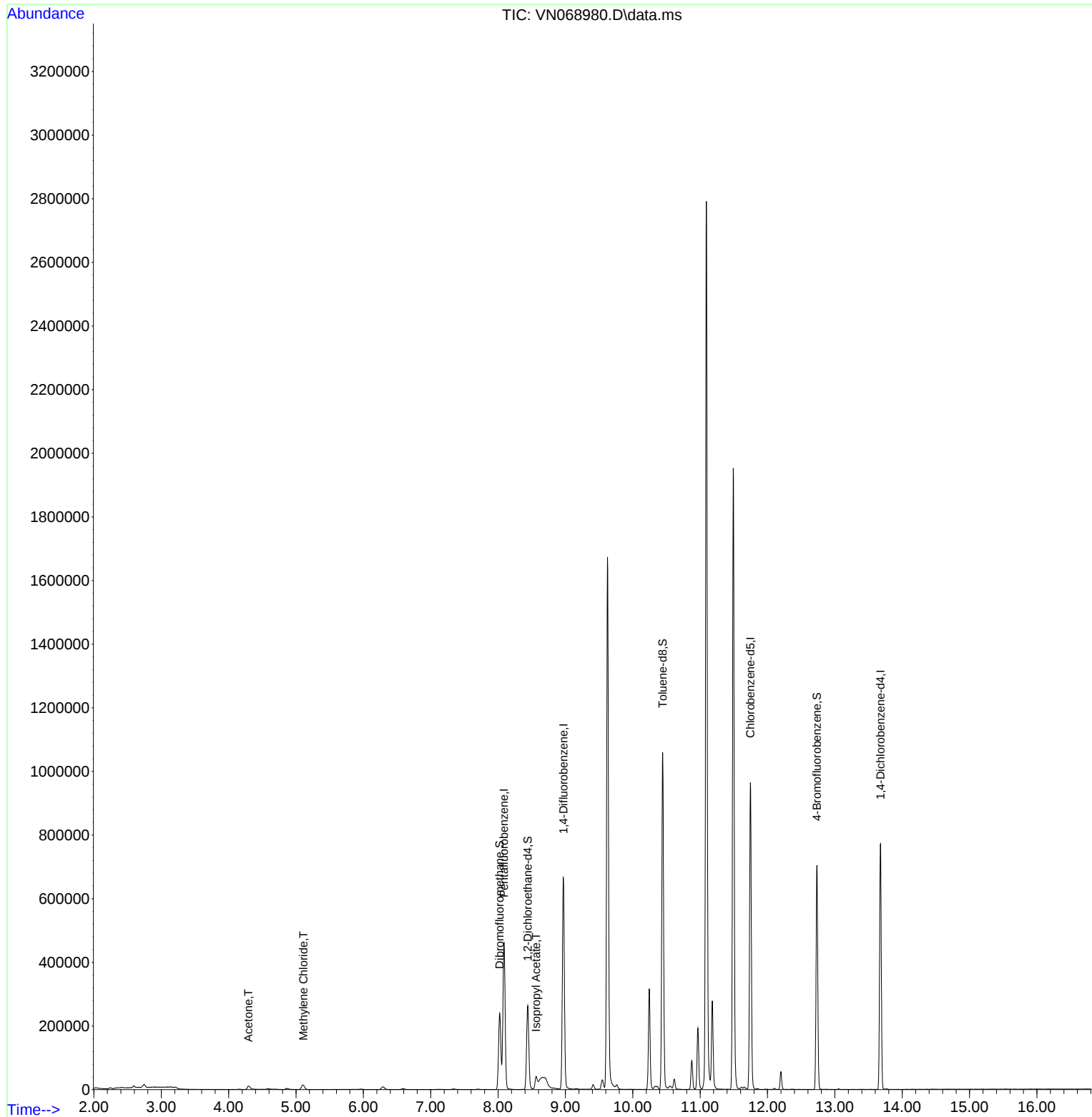
Internal Standards						
1) Pentafluorobenzene	8.088	168	348350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	599348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	570353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222567	48.459	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.920%
35) Dibromofluoromethane	8.024	113	179012	51.336	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.680%
50) Toluene-d8	10.443	98	750576	53.796	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.733	95	258110	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.060%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	21156	12.343	ug/l	100
20) Methylene Chloride	5.109	84	12270	3.110	ug/l	94
43) Isopropyl Acetate	8.566	43	50133	5.374	ug/l #	82

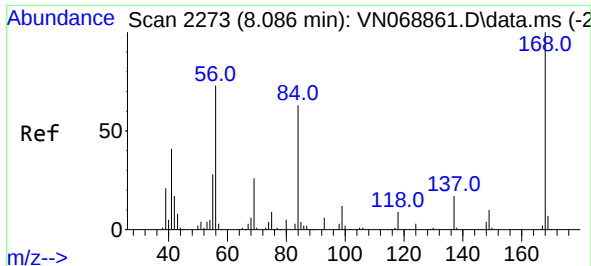
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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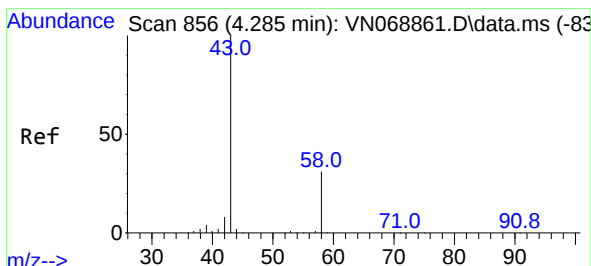
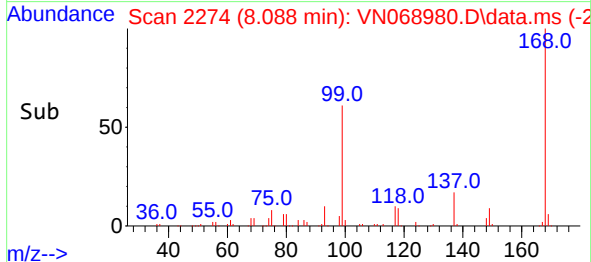
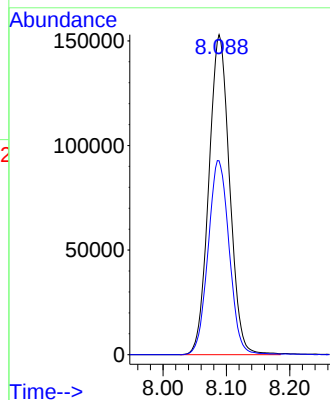
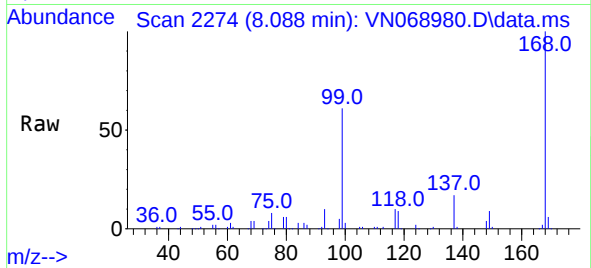




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

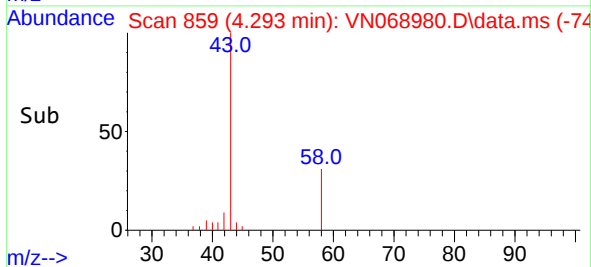
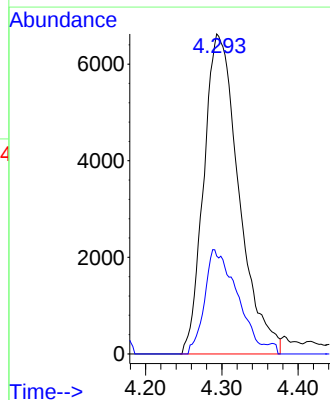
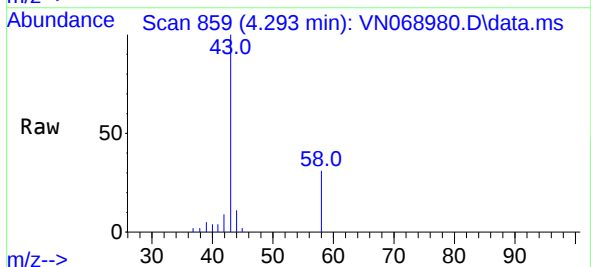
Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

Tgt Ion:168 Resp: 348350
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



#16
Acetone
Concen: 12.343 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Tgt Ion: 43 Resp: 21156
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7



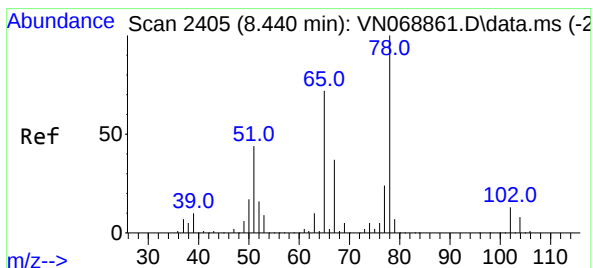
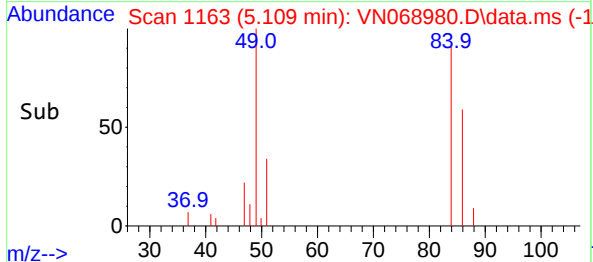
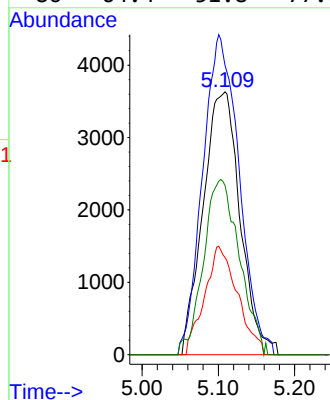
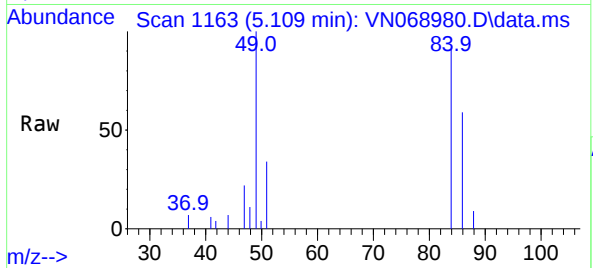


#20
Methylene Chloride
Concen: 3.110 ug/l
RT: 5.109 min Scan# 1163
Delta R.T. 0.013 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

Tgt Ion: 84 Resp: 12270

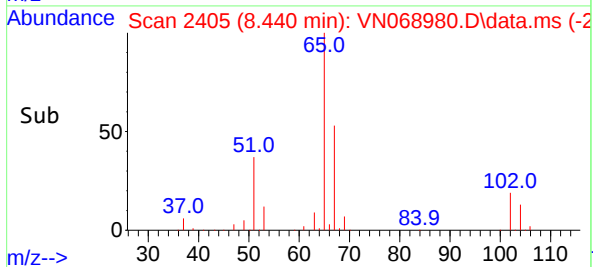
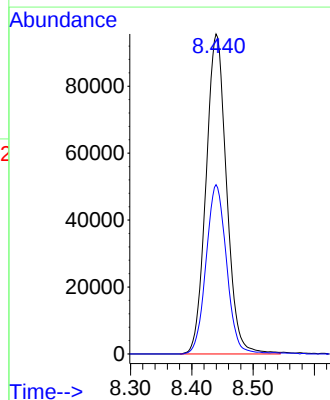
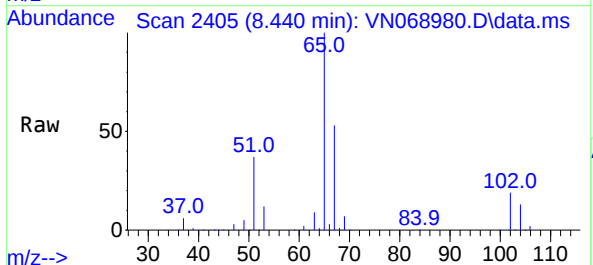
Ion	Ratio	Lower	Upper
84	100		
49	110.1	97.6	146.4
51	37.0	30.3	45.5
86	64.4	51.8	77.6

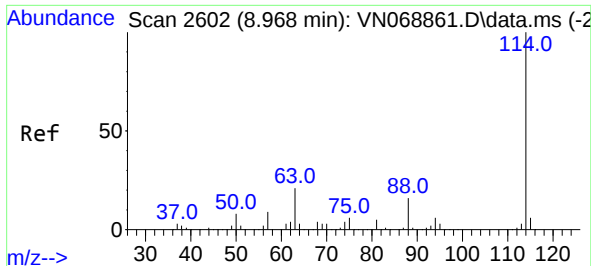


#33
1,2-Dichloroethane-d4
Concen: 48.459 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Tgt Ion: 65 Resp: 222567

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.8

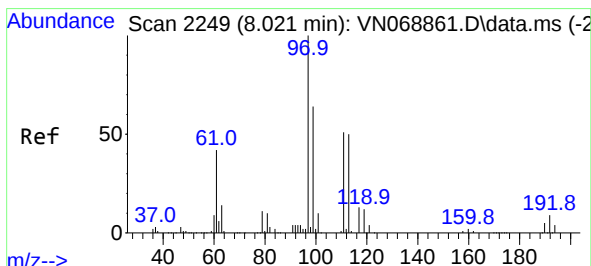
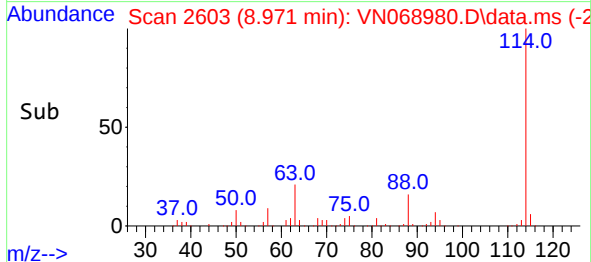
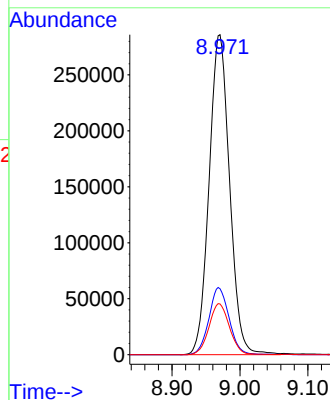
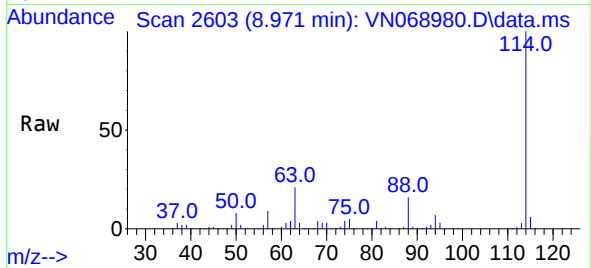




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

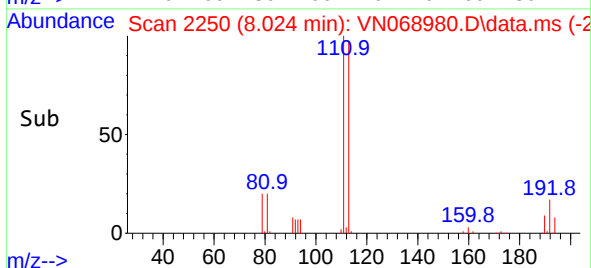
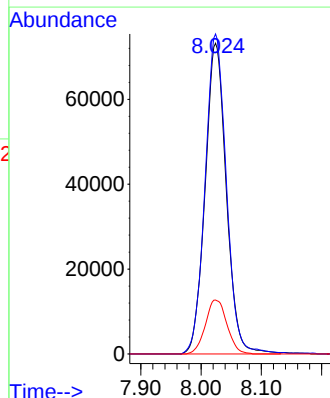
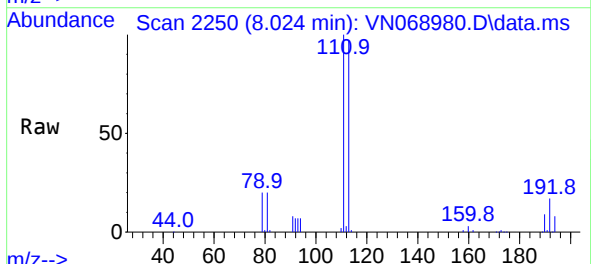
Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

Tgt Ion:114 Resp: 599348
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Tgt Ion:113 Resp: 179012
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 17.7 15.0 22.4

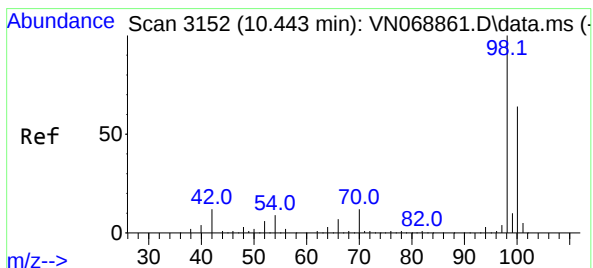
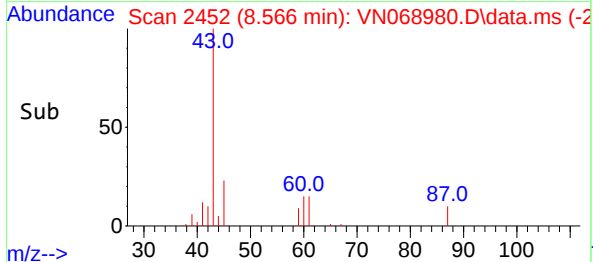
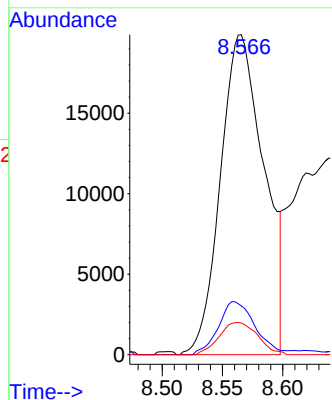
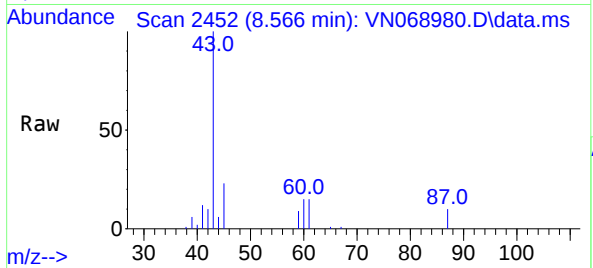




#43
Isopropyl Acetate
Concen: 5.374 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

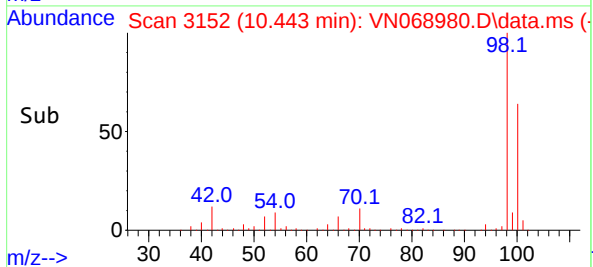
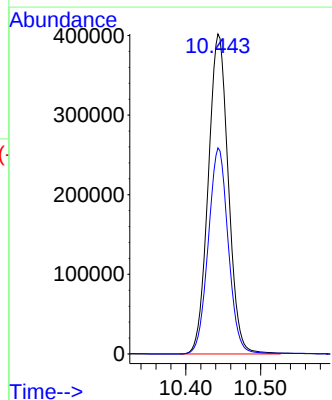
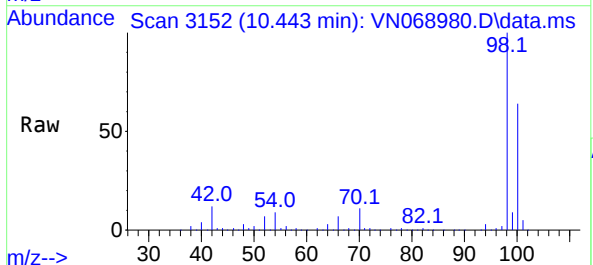
Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

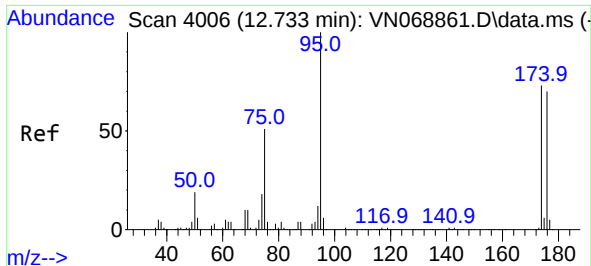
Tgt Ion: 43 Resp: 50133
Ion Ratio Lower Upper
43 100
61 14.3 20.4 30.6#
87 8.9 10.7 16.1#



#50
Toluene-d8
Concen: 53.796 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Tgt Ion: 98 Resp: 750576
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

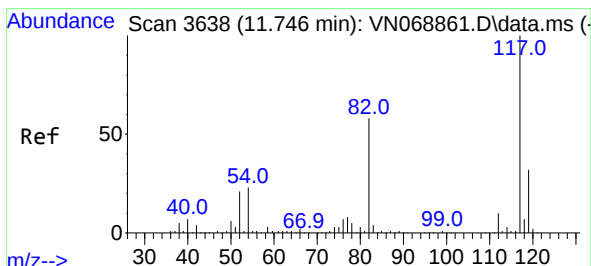
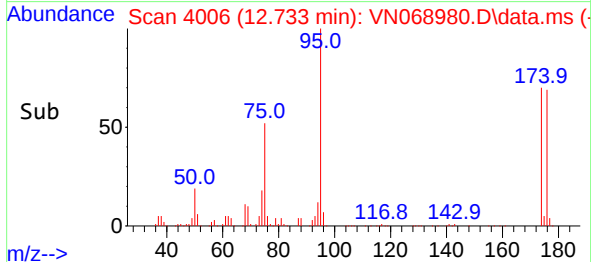
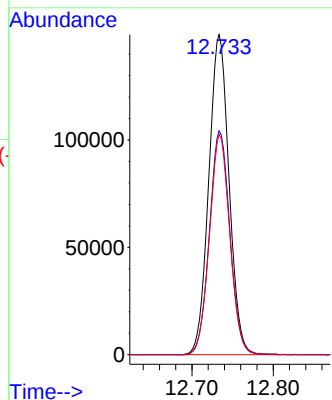
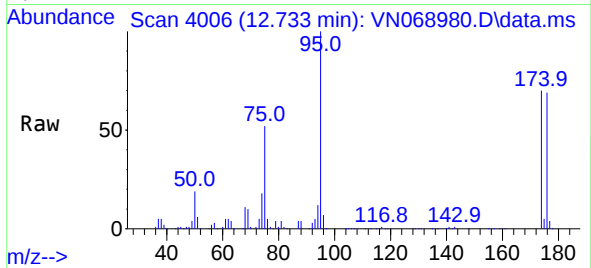




#62
4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

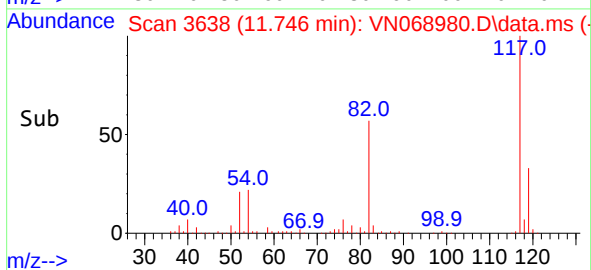
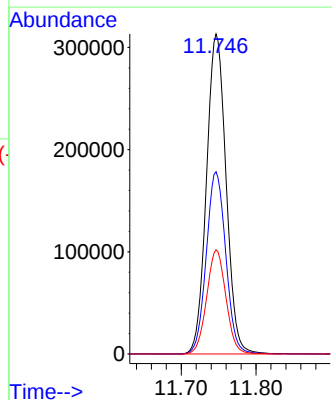
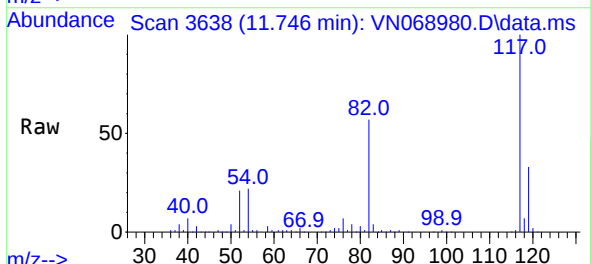
Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

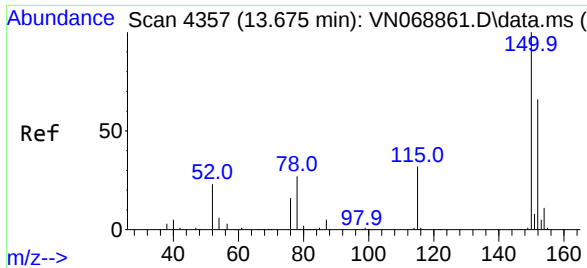
Tgt Ion: 95 Resp: 258110
Ion Ratio Lower Upper
95 100
174 70.7 0.0 144.8
176 68.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068980.D
Acq: 18 Oct 2021 15:34

Tgt Ion: 117 Resp: 570353
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 32.6 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: VN068980.D
Acq: 18 Oct 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
T4-1-TOP-GRAB

Tgt Ion:152 Resp: 206510
Ion Ratio Lower Upper
152 100
115 64.3 31.4 94.3
150 159.0 0.0 351.0

