

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068929.D
 Acq On : 14 Oct 2021 17:06
 Operator : JC/MD
 Sample : M4192-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-16

Quant Time: Oct 14 22:47:43 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)

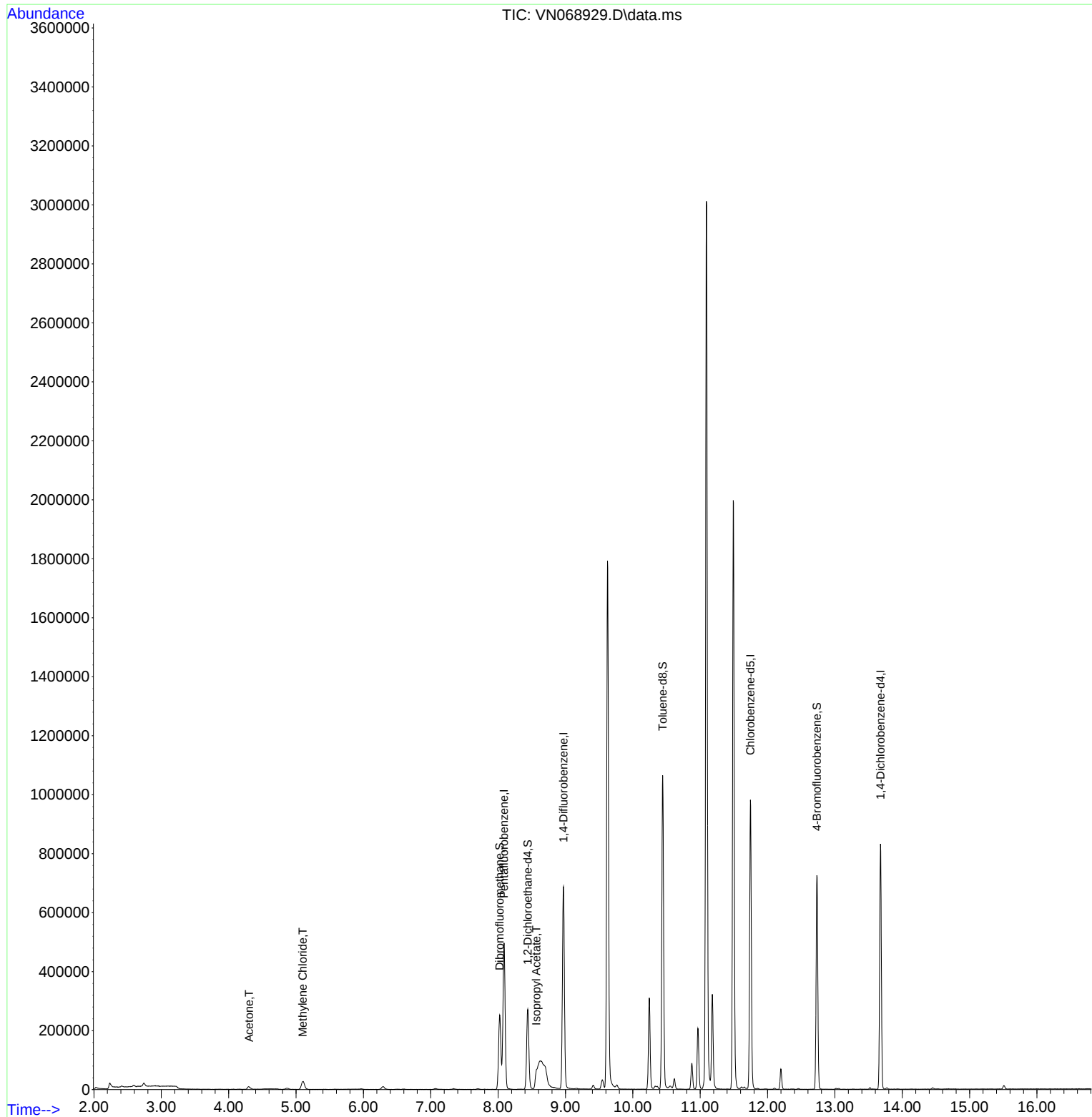
Internal Standards						
1) Pentafluorobenzene	8.088	168	382342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.970	114	627585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	577052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	230520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	226607	44.952	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.900%
35) Dibromofluoromethane	8.024	113	185600	50.831	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.660%
50) Toluene-d8	10.443	98	759461	51.984	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.733	95	260489	47.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.520%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	17485	9.294	ug/l	99
20) Methylene Chloride	5.100	84	23866	5.512	ug/l	89
43) Isopropyl Acetate	8.568	43	56378	5.771	ug/l #	81

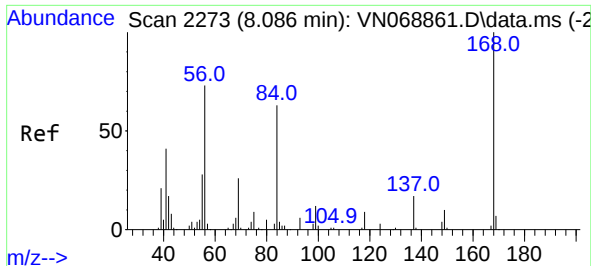
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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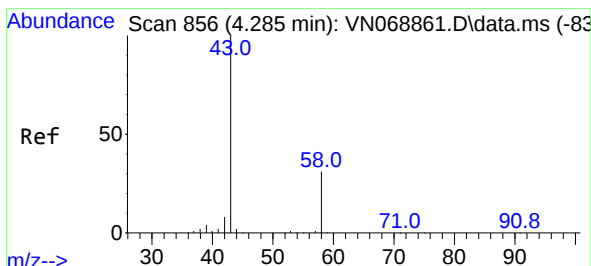
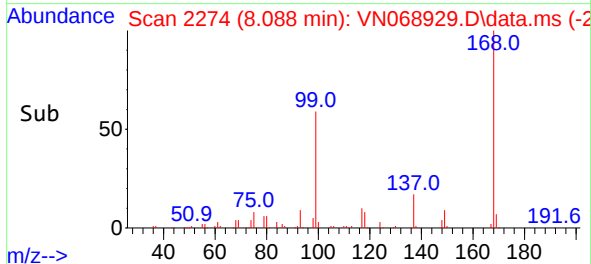
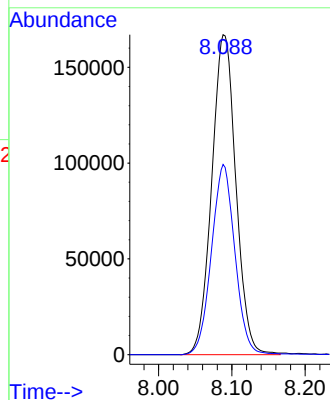
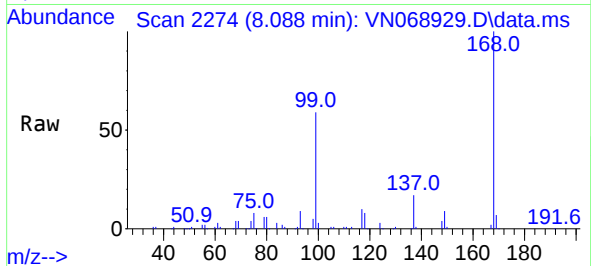




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

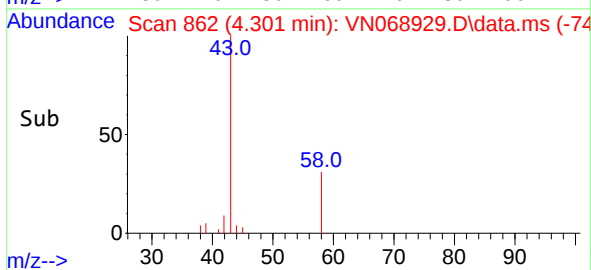
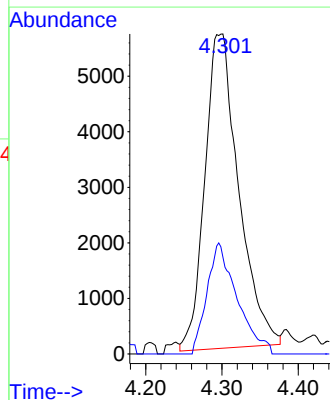
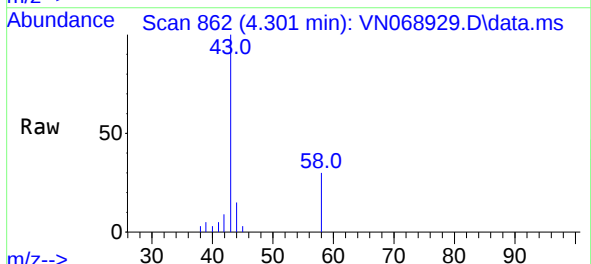
Instrument :
MSVOA_N
ClientSampled :
HAR-16

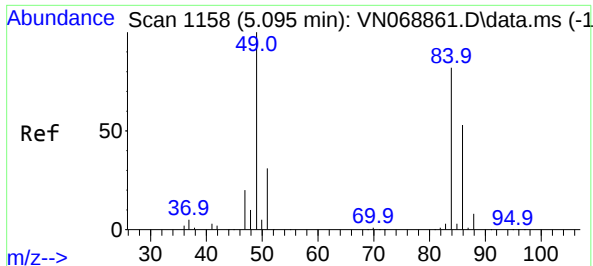
Tgt Ion:168 Resp: 382342
Ion Ratio Lower Upper
168 100
99 59.4 48.9 73.3



#16
Acetone
Concen: 9.294 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Tgt Ion: 43 Resp: 17485
Ion Ratio Lower Upper
43 100
58 31.2 24.5 36.7



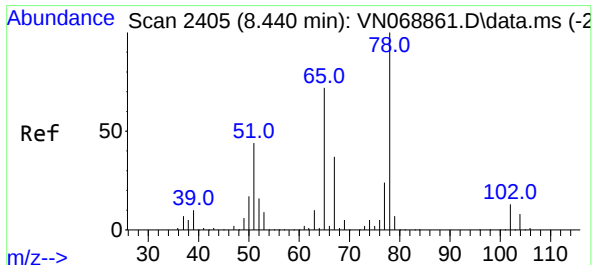
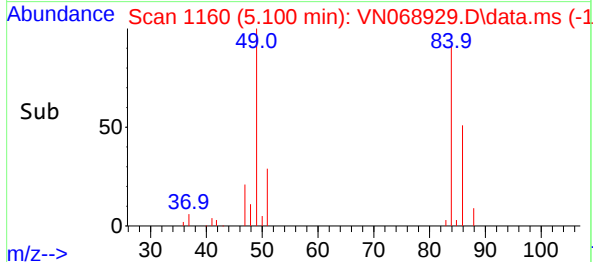
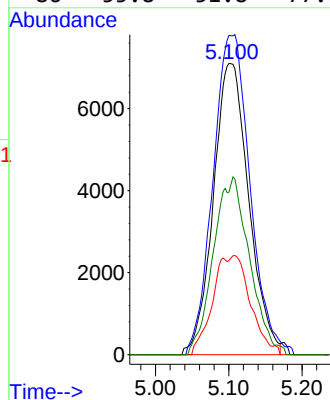
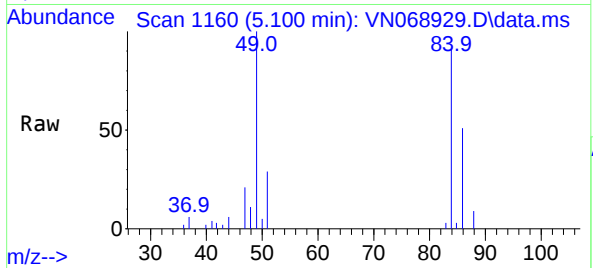


#20
Methylene Chloride
Concen: 5.512 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Instrument :
MSVOA_N
ClientSampled :
HAR-16

Tgt Ion: 84 Resp: 23866

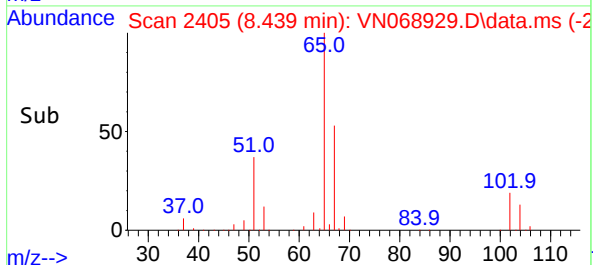
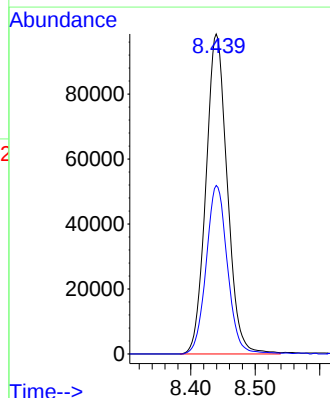
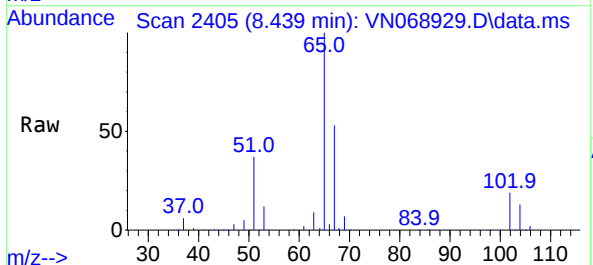
Ion	Ratio	Lower	Upper
84	100		
49	109.6	97.6	146.4
51	32.3	30.3	45.5
86	55.8	51.8	77.6

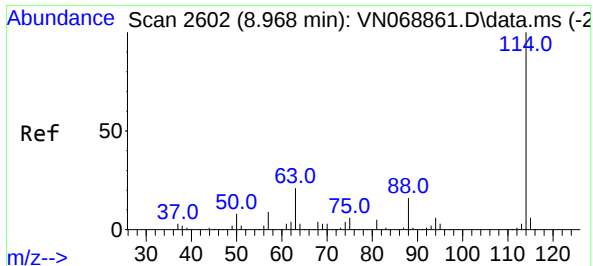


#33
1,2-Dichloroethane-d4
Concen: 44.952 ug/l
RT: 8.439 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Tgt Ion: 65 Resp: 226607

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.8

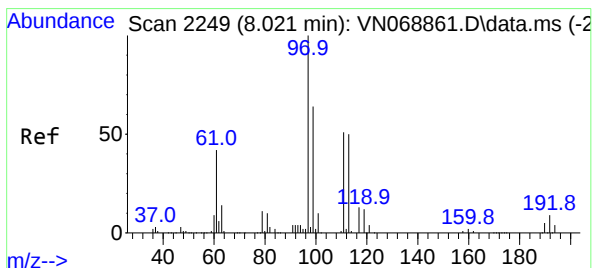
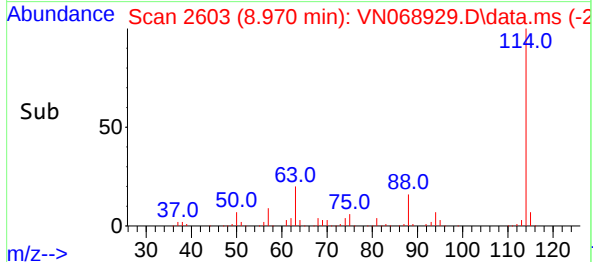
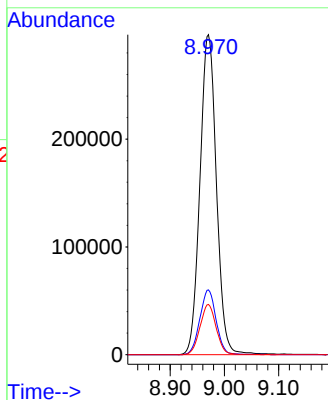
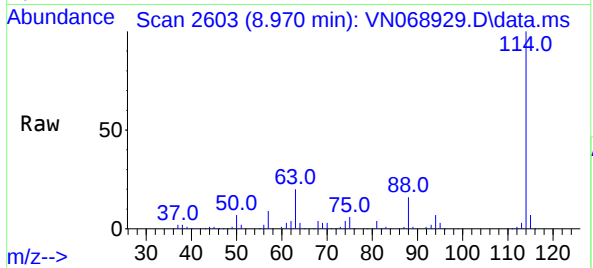




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.970 min Scan# 2603
Delta R.T. 0.002 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

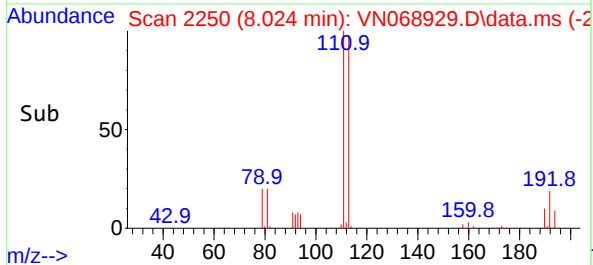
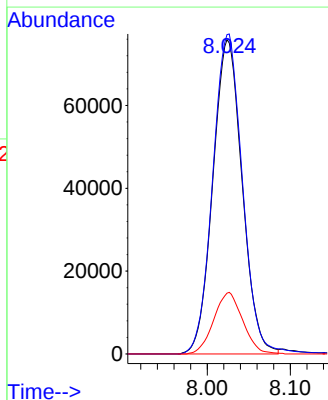
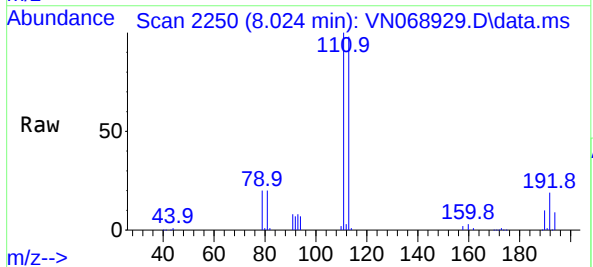
Instrument :
MSVOA_N
ClientSampleId :
HAR-16

Tgt Ion:114 Resp: 627585
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.831 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.002 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Tgt Ion:113 Resp: 185600
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.4 15.0 22.4

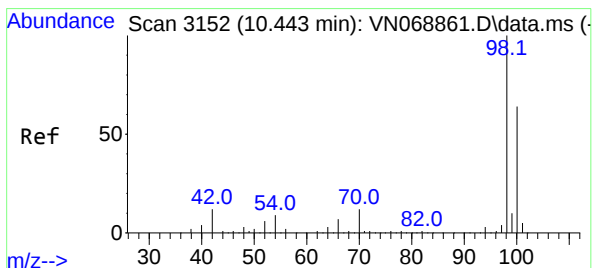
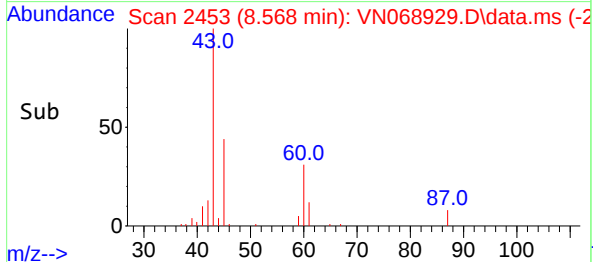
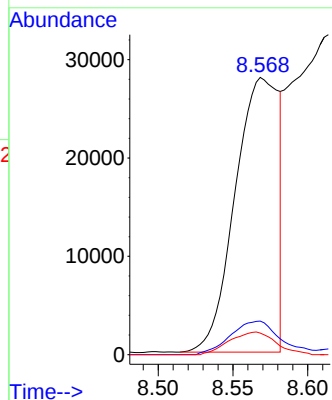
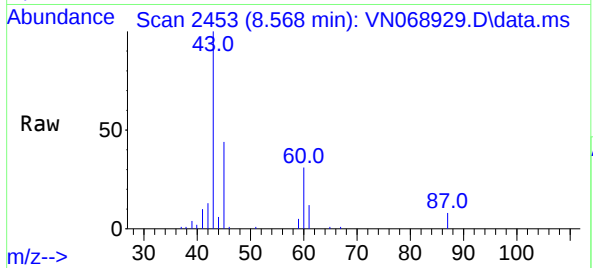




#43
Isopropyl Acetate
Concen: 5.771 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.008 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

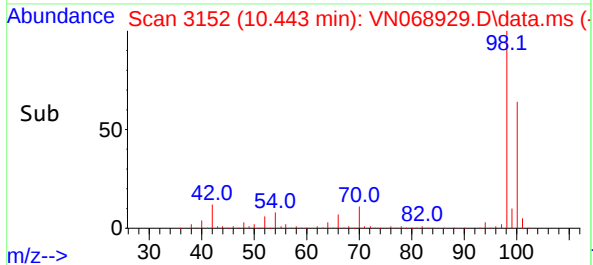
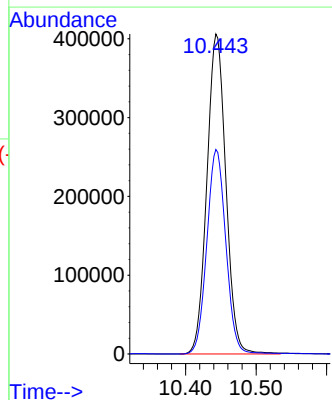
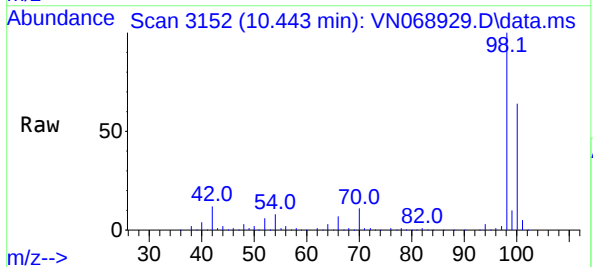
Instrument :
MSVOA_N
ClientSampled :
HAR-16

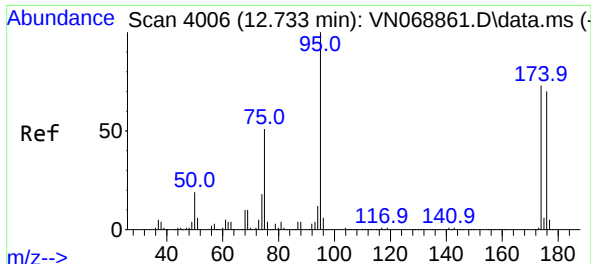
Tgt Ion: 43 Resp: 56378
Ion Ratio Lower Upper
43 100
61 14.1 20.4 30.6#
87 8.9 10.7 16.1#



#50
Toluene-d8
Concen: 51.984 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Tgt Ion: 98 Resp: 759461
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

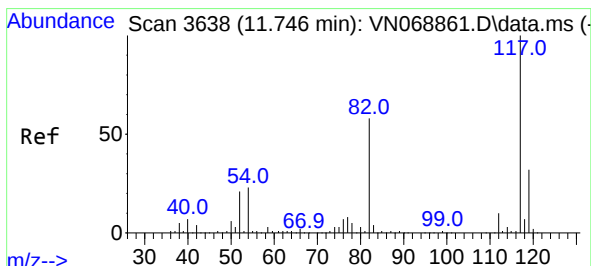
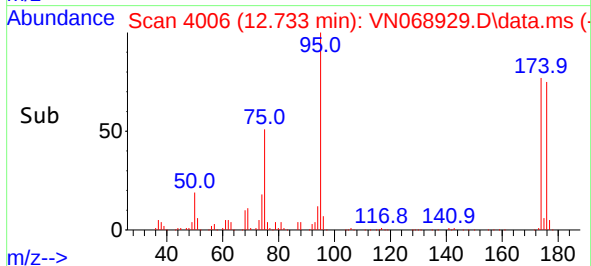
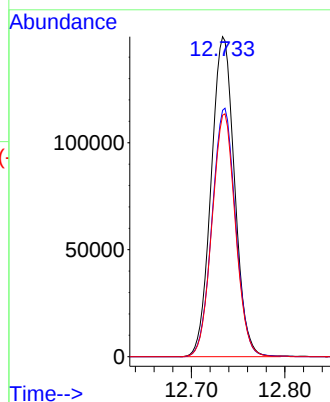
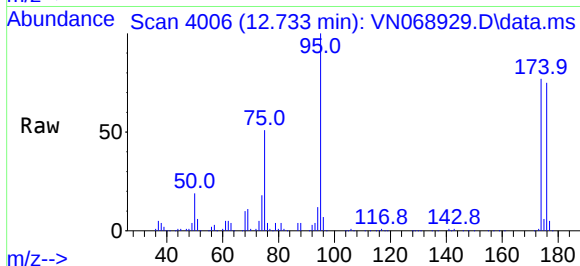




#62
4-Bromofluorobenzene
Concen: 47.258 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

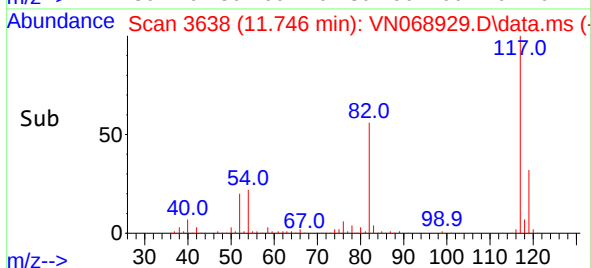
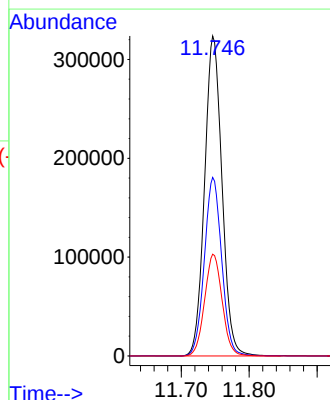
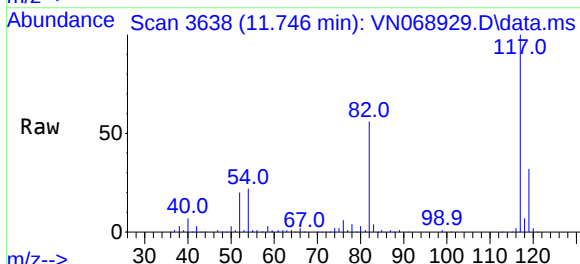
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MSVOA_N
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HAR-16

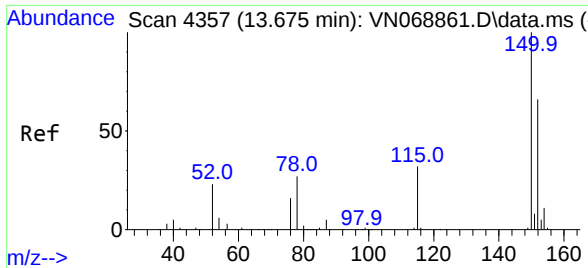
Tgt Ion: 95 Resp: 260489
Ion Ratio Lower Upper
95 100
174 78.2 0.0 144.8
176 75.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068929.D
Acq: 14 Oct 2021 17:06

Tgt Ion: 117 Resp: 577052
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 31.8 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068929.D
 Acq: 14 Oct 2021 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-16

Tgt Ion:152 Resp: 230520
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.4 94.3
 150 156.5 0.0 351.0

