

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069272.D
 Acq On : 29 Oct 2021 1:44
 Operator : JC/MD
 Sample : M4338-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-02

Quant Time: Oct 29 07:56:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

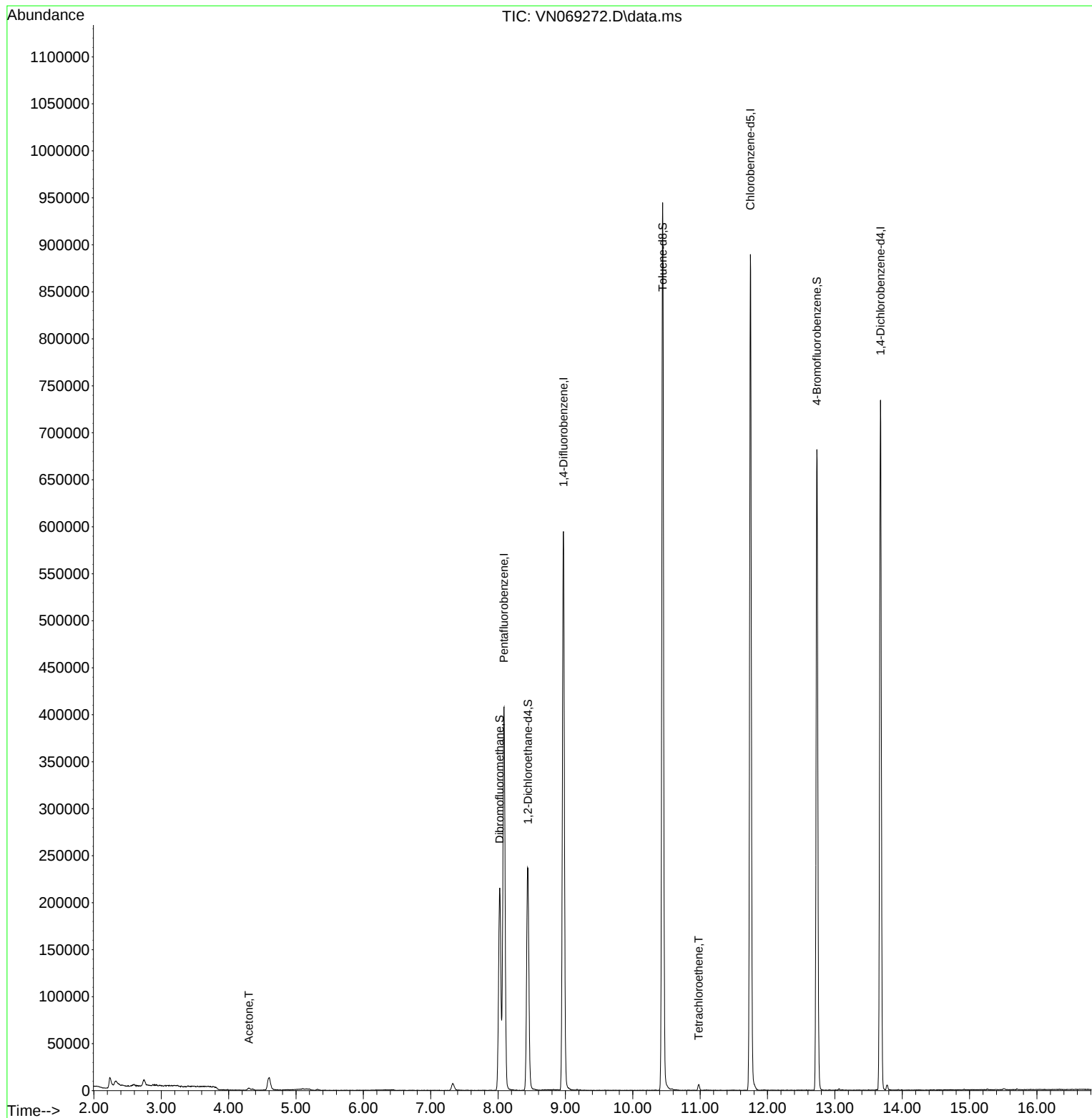
Internal Standards						
1) Pentafluorobenzene	8.088	168	306806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	538543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	524013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	207470	46.845	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.680%
35) Dibromofluoromethane	8.024	113	158526	47.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.440%
50) Toluene-d8	10.443	98	674649	50.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.734	95	246558	48.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.360%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	4295	2.276	ug/l	96
64) Tetrachloroethene	10.980	164	1545	0.462	ug/l	94

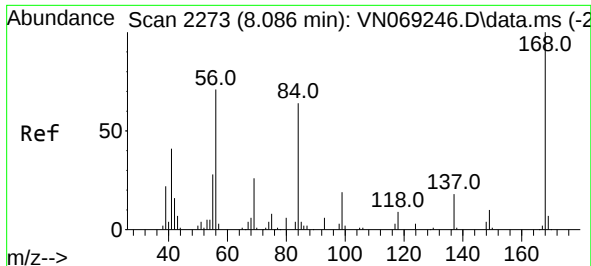
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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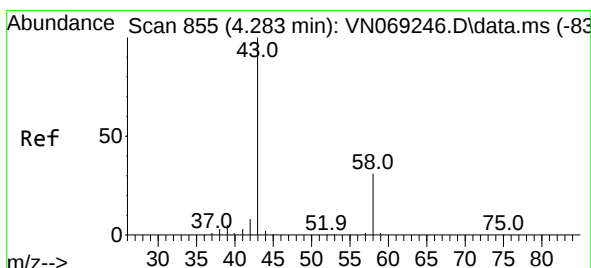
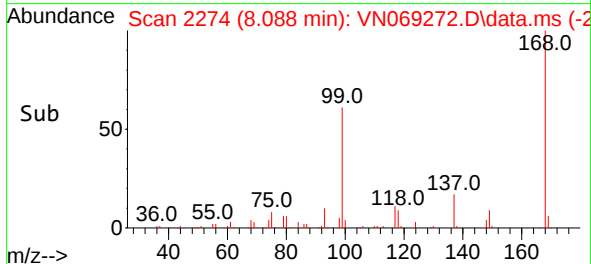
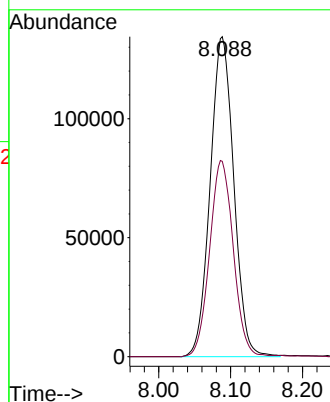
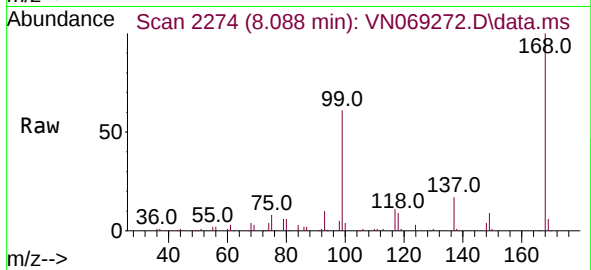




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

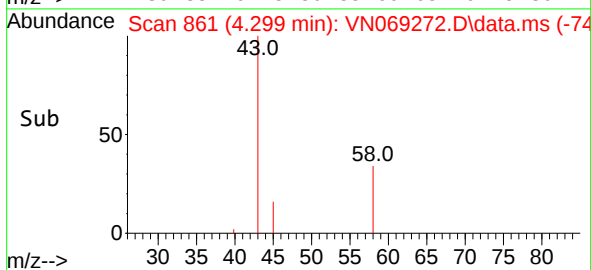
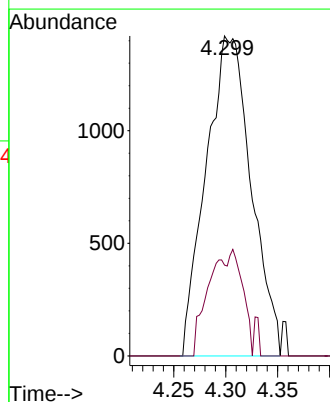
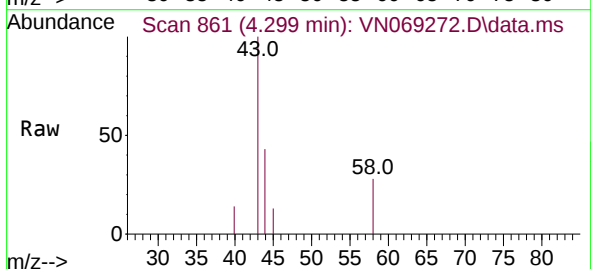
Instrument :
MSVOA_N
ClientSampleId :
FD-02

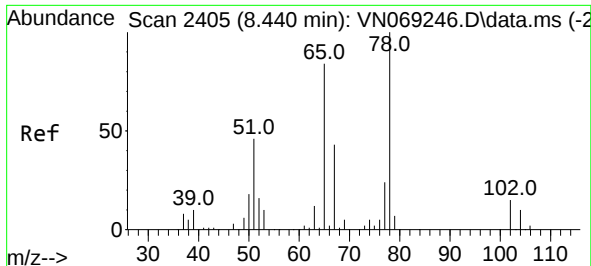
Tgt Ion:168 Resp: 306806
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3



#16
Acetone
Concen: 2.276 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.016 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

Tgt Ion: 43 Resp: 4295
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 46.845 ug/l

RT: 8.442 min Scan# 2406

Delta R.T. 0.002 min

Lab File: VN069272.D

Acq: 29 Oct 2021 1:44

Instrument :

MSVOA_N

ClientSampleId :

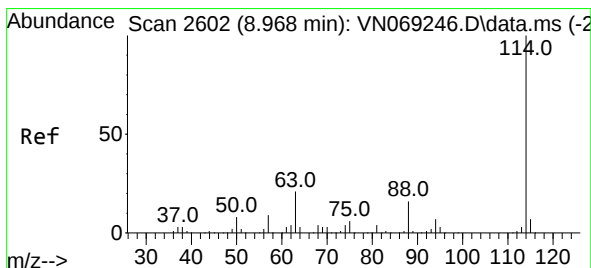
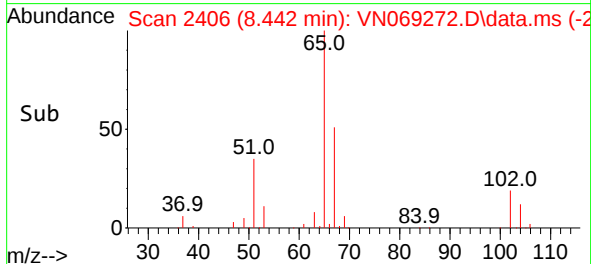
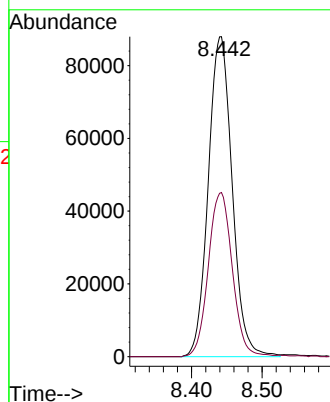
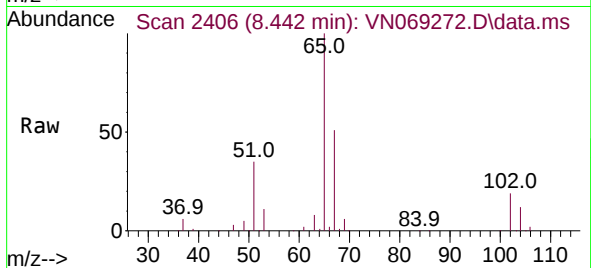
FD-02

Tgt Ion: 65 Resp: 207470

Ion Ratio Lower Upper

65 100

67 51.4 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: VN069272.D

Acq: 29 Oct 2021 1:44

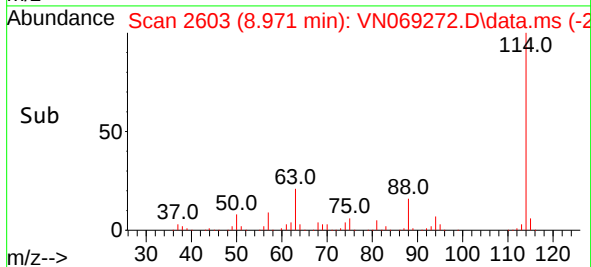
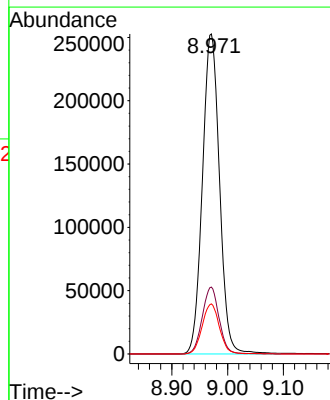
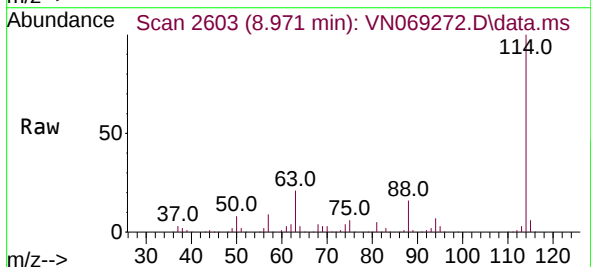
Tgt Ion: 114 Resp: 538543

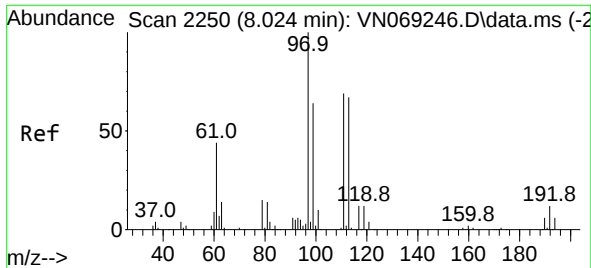
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.7 0.0 32.0

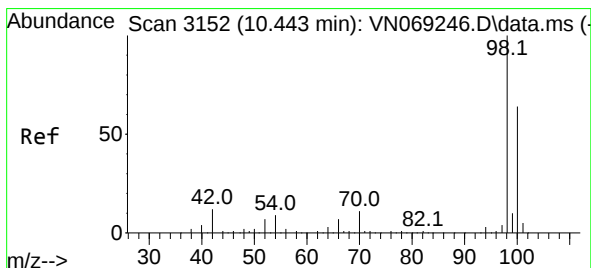
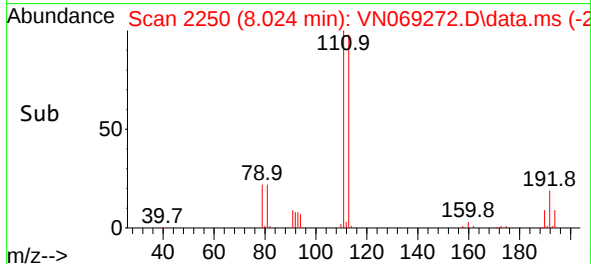
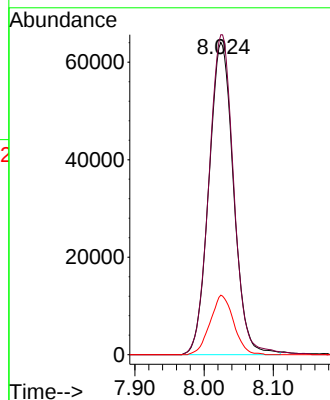
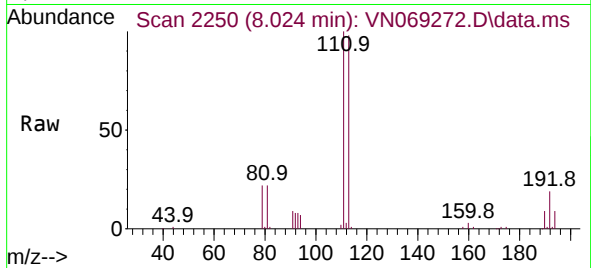




#35
Dibromofluoromethane
Concen: 47.221 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

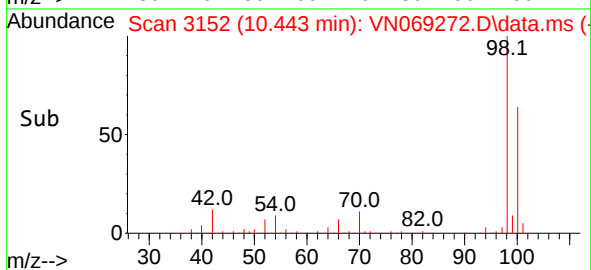
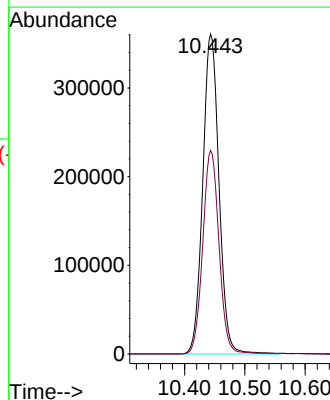
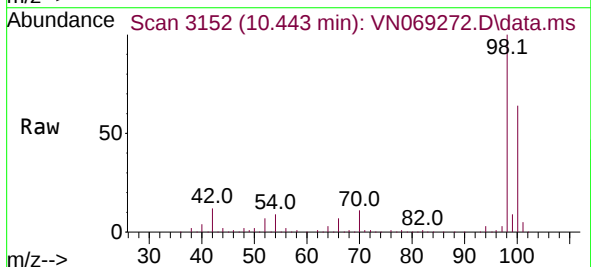
Instrument :
MSVOA_N
ClientSampleId :
FD-02

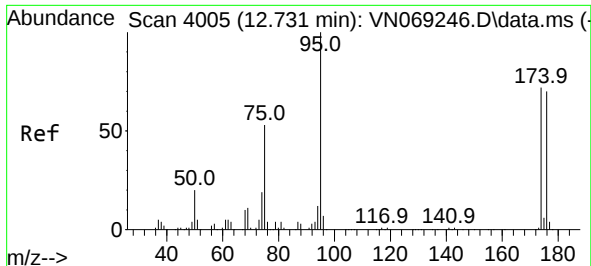
Tgt Ion:113 Resp: 158526
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.2 15.0 22.4



#50
Toluene-d8
Concen: 50.262 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

Tgt Ion: 98 Resp: 674649
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

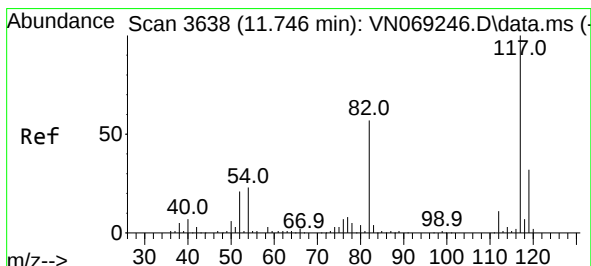
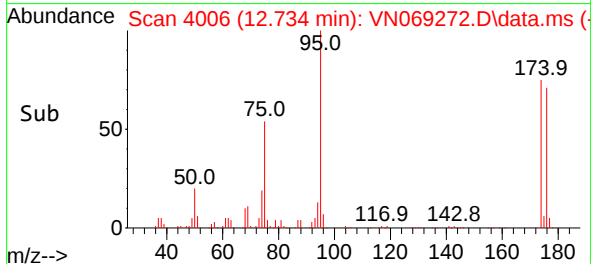
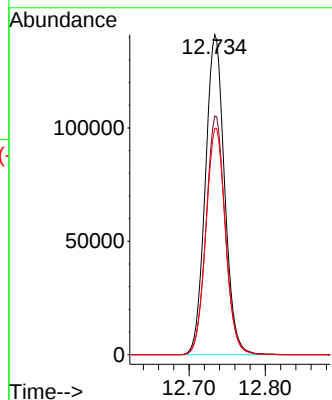
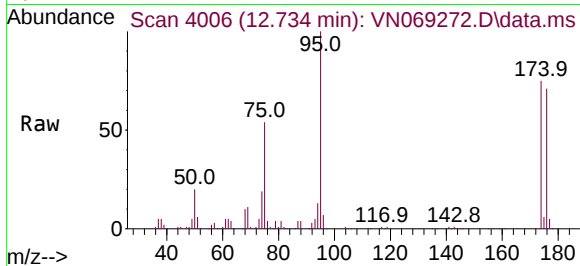




#62
4-Bromofluorobenzene
Concen: 48.678 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

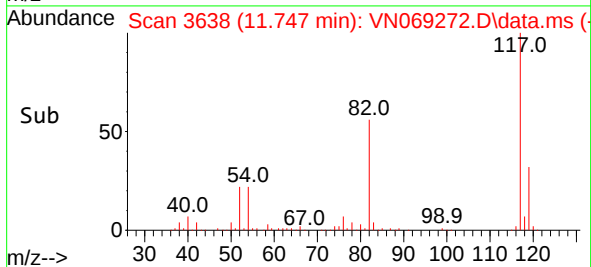
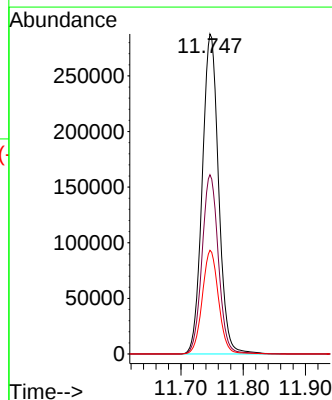
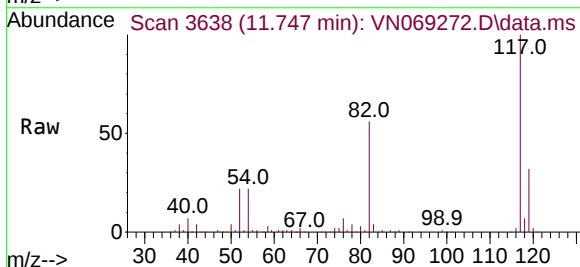
Instrument :
MSVOA_N
ClientSampleId :
FD-02

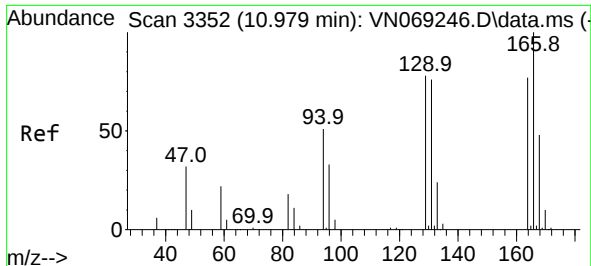
Tgt Ion: 95 Resp: 246558
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.8
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

Tgt Ion: 117 Resp: 524013
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.4 26.0 39.0

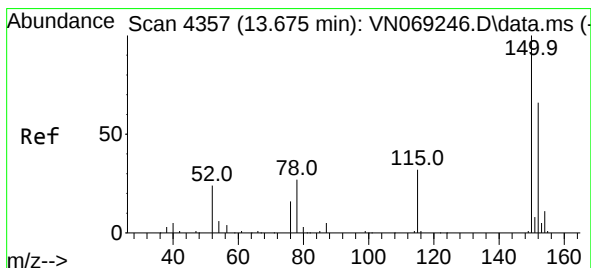
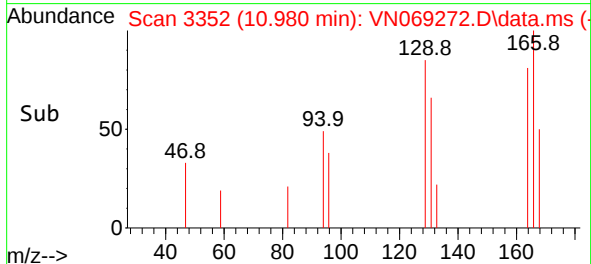
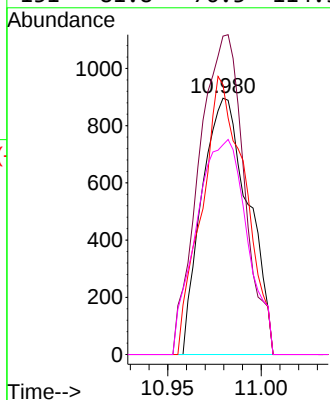
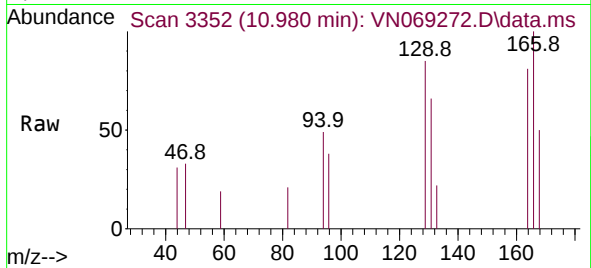




#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 10.980 min Scan# 31
Delta R.T. 0.001 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

Instrument :
MSVOA_N
ClientSampleId :
FD-02

Tgt Ion:164	Resp:	1545	
Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.8	149.8
129	105.2	79.2	118.8
131	81.8	76.3	114.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069272.D
Acq: 29 Oct 2021 1:44

Tgt Ion:152	Resp:	200924	
Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.3
150	157.4	0.0	351.0

