

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068946.D
 Acq On : 15 Oct 2021 13:50
 Operator : JC/MD
 Sample : M4192-13
 Misc : 6.15g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-14

Quant Time: Oct 18 02:15:07 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)

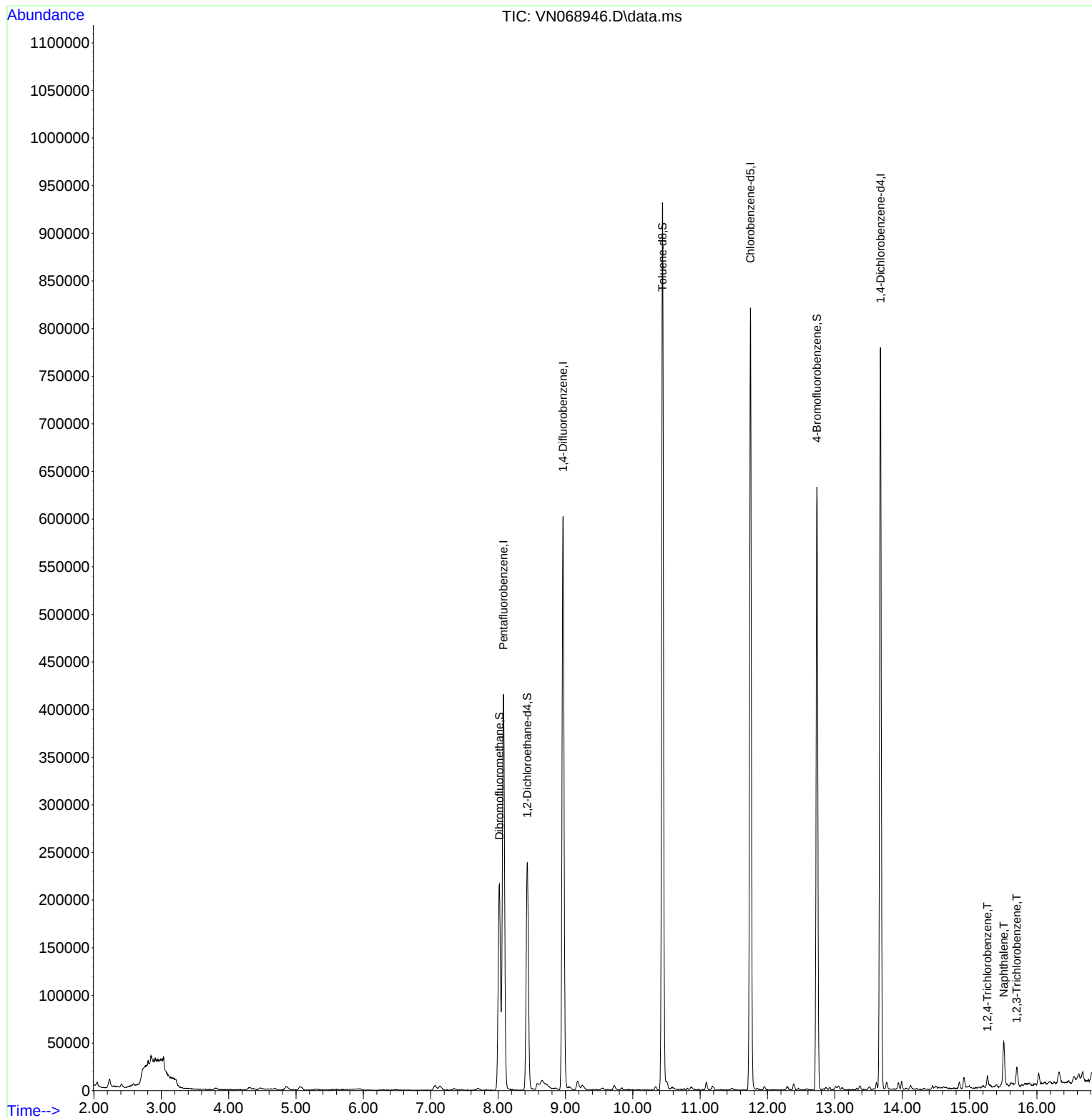
Internal Standards						
1) Pentafluorobenzene	8.080	168	315081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	542746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	478851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	203594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	202551	48.758	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.520%		
35) Dibromofluoromethane	8.019	113	160383	50.790	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.580%		
50) Toluene-d8	10.440	98	665624	52.682	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.360%		
62) 4-Bromofluorobenzene	12.734	95	232261	48.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.440%		
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.265	180	3813	3.659	ug/l #	89
95) Naphthalene	15.507	128	45057	8.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	4672	3.877	ug/l	92

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

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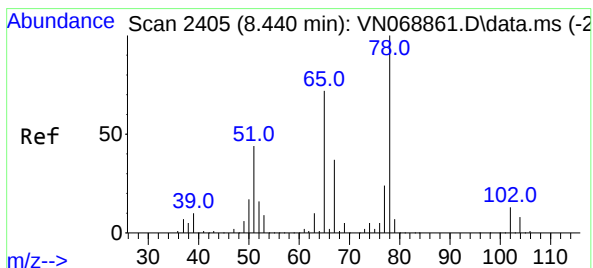
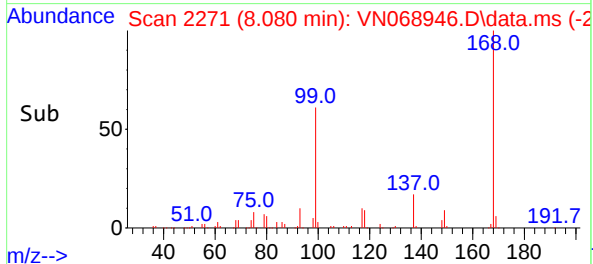
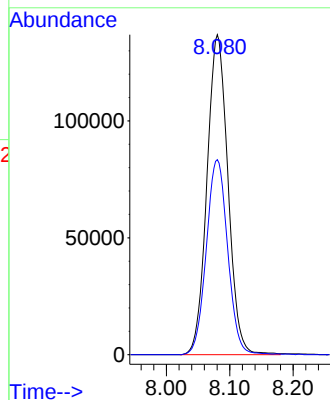
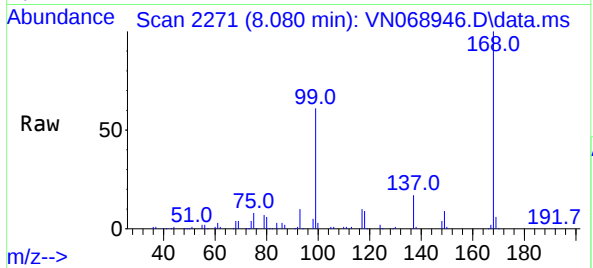




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

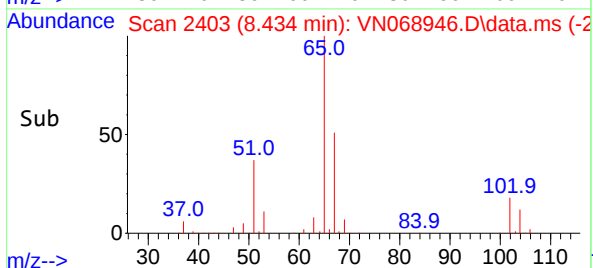
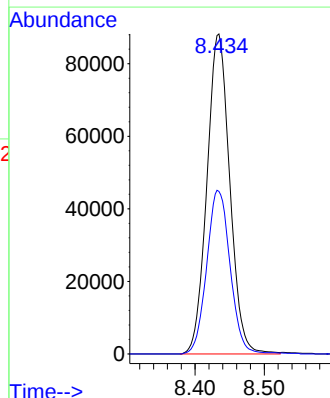
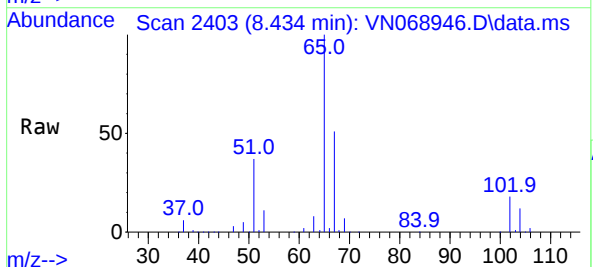
Instrument :
MSVOA_N
ClientSampled :
HAR-14

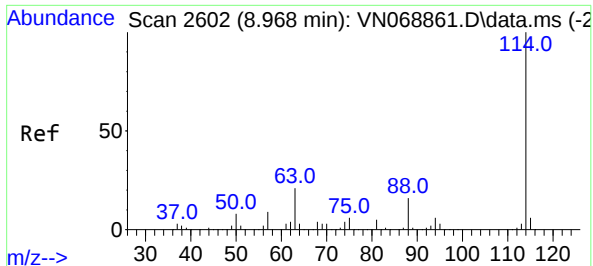
Tgt Ion:168 Resp: 315081
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.758 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

Tgt Ion: 65 Resp: 202551
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

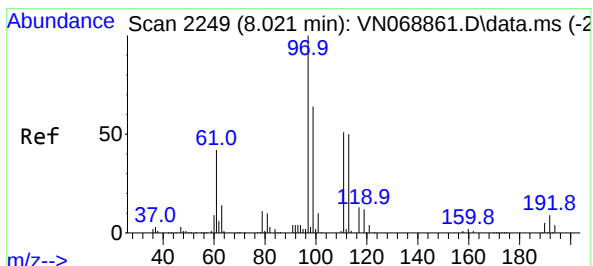
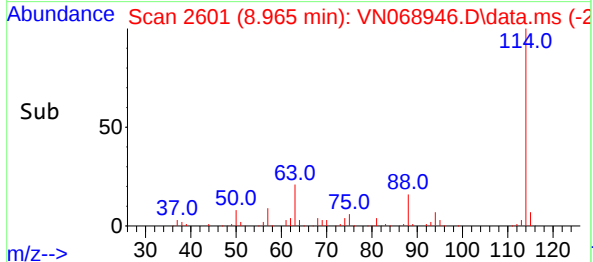
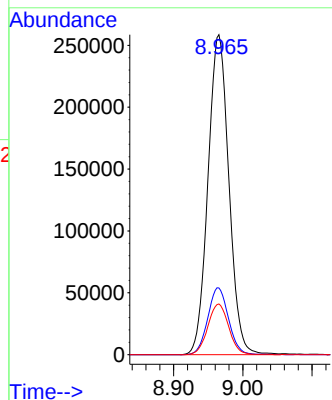
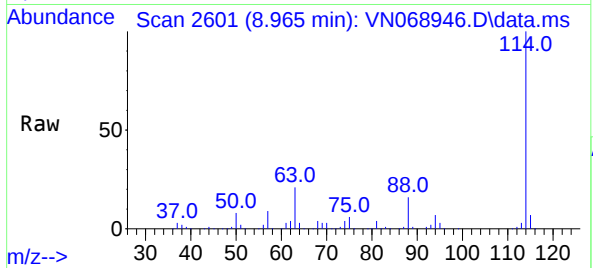




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

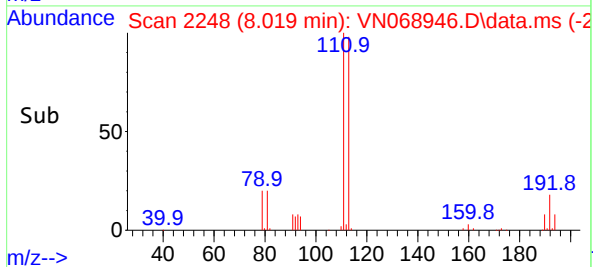
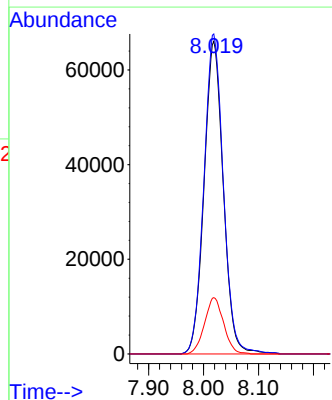
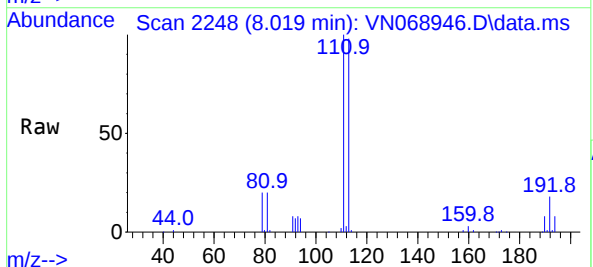
Instrument :
MSVOA_N
ClientSampled :
HAR-14

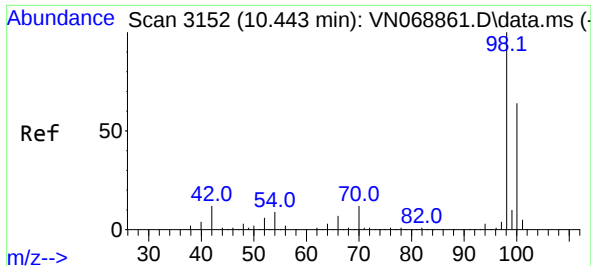
Tgt Ion:114 Resp: 542746
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

Tgt Ion:113 Resp: 160383
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 17.9 15.0 22.4

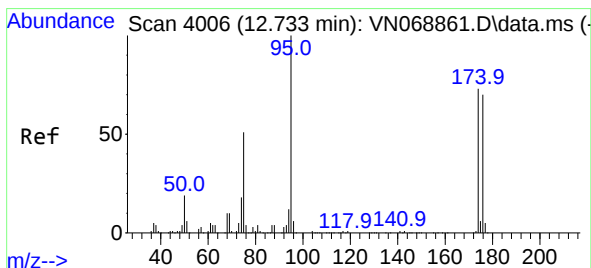
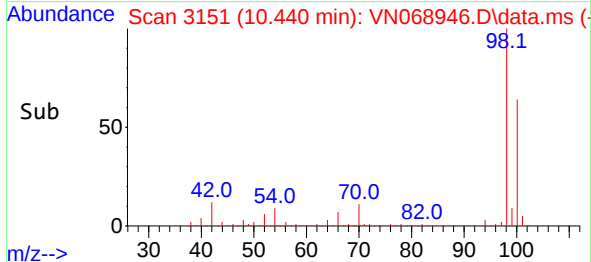
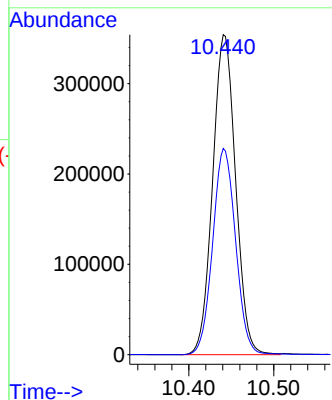
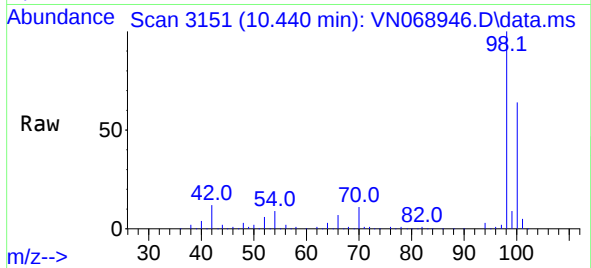




#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

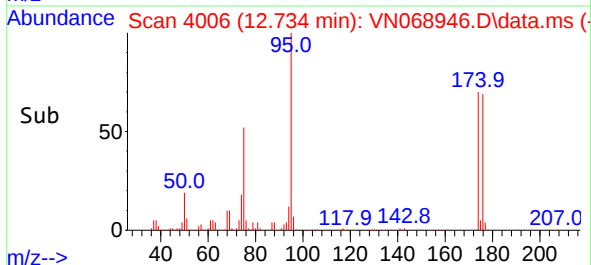
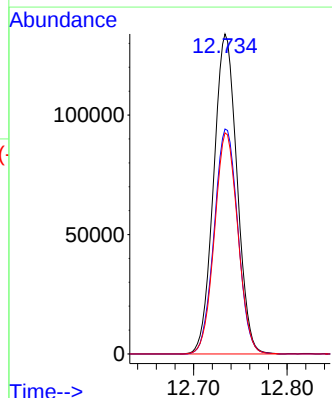
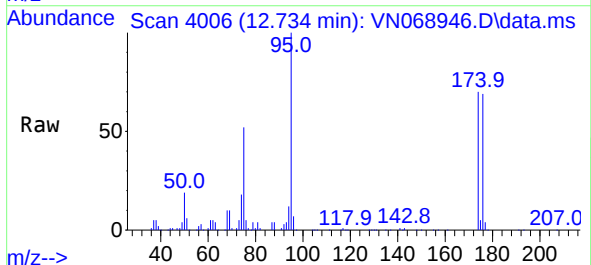
Instrument :
MSVOA_N
ClientSampled :
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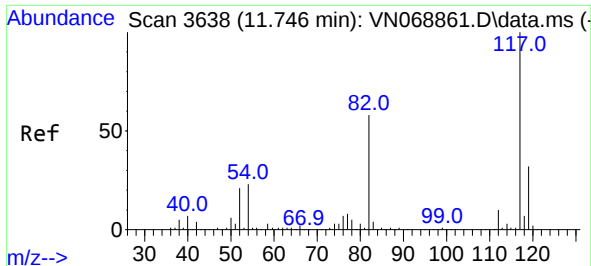
Tgt Ion: 98 Resp: 665624
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

Tgt Ion: 95 Resp: 232261
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.8
176 69.2 0.0 140.0

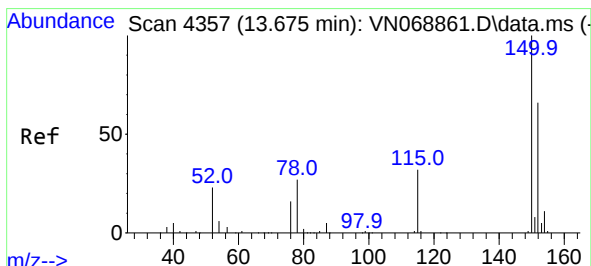
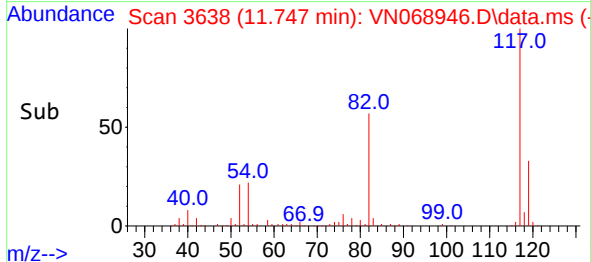
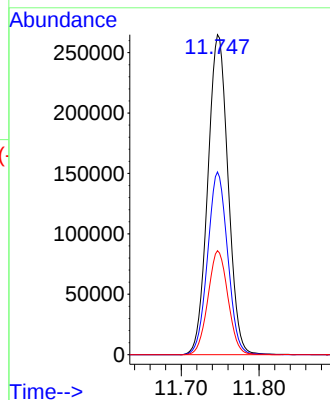
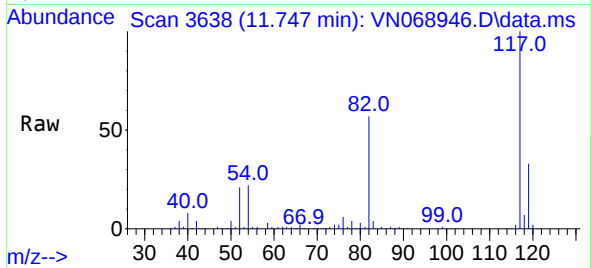




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

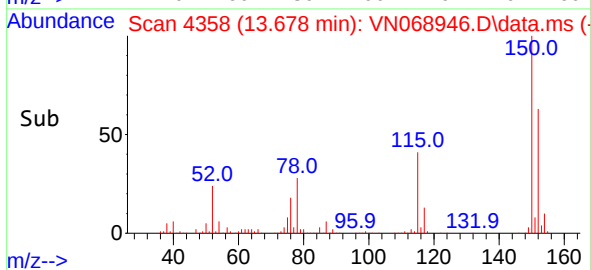
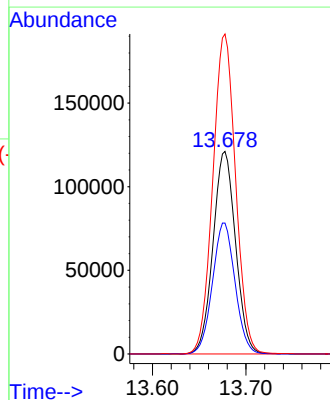
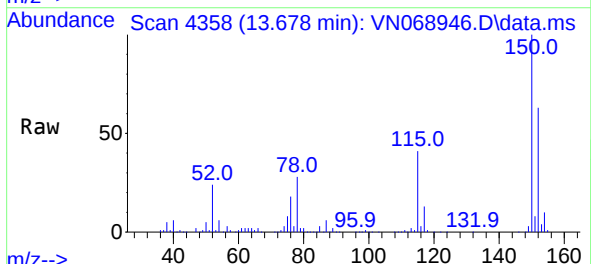
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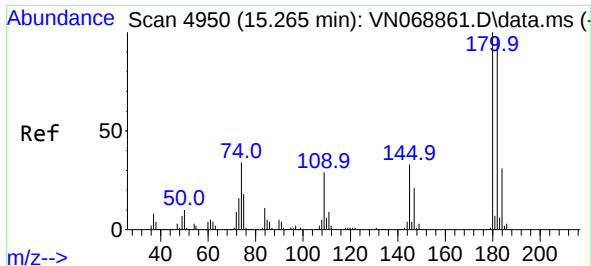
Tgt Ion:117 Resp: 478851
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

Tgt Ion:152 Resp: 203594
Ion Ratio Lower Upper
152 100
115 64.7 31.4 94.3
150 159.5 0.0 351.0

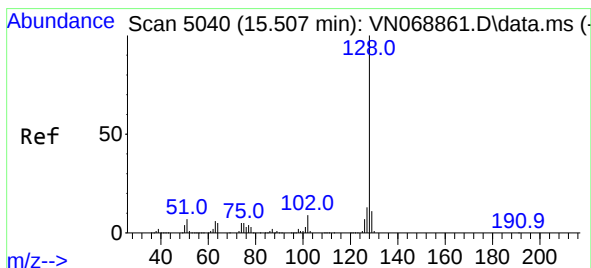
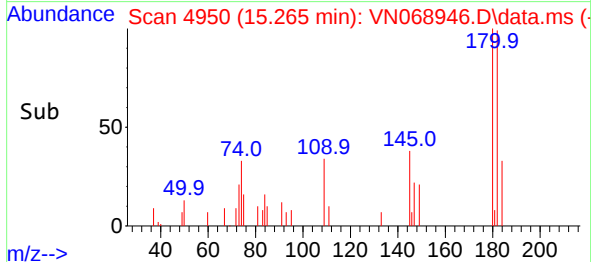
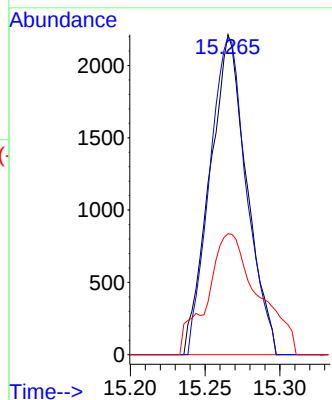
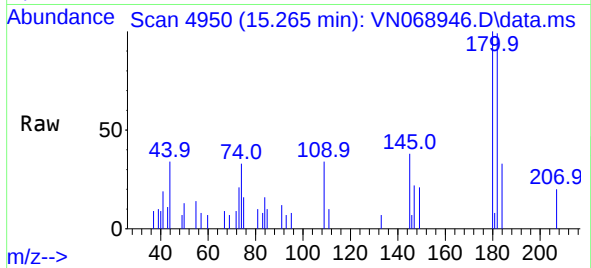




#93
1,2,4-Trichlorobenzene
Concen: 3.659 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

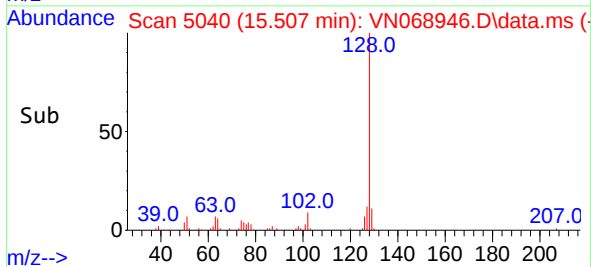
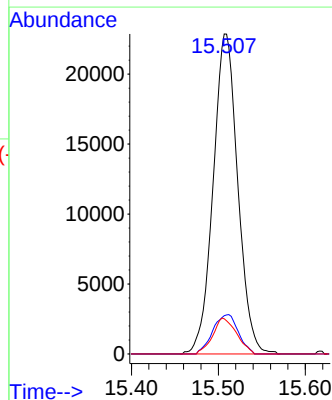
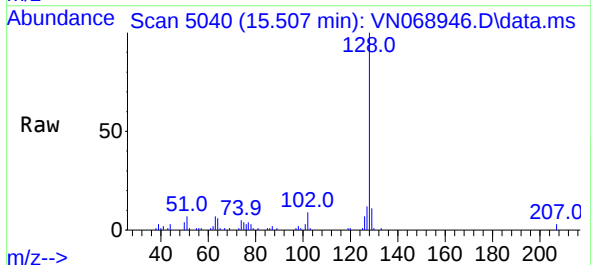
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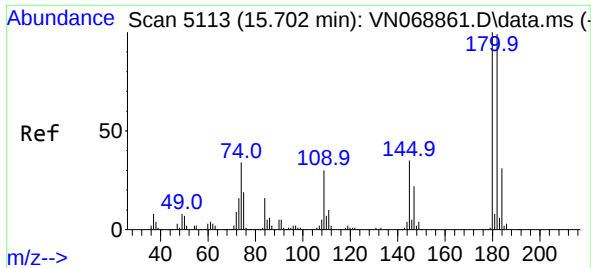
Tgt Ion:180 Resp: 3813
Ion Ratio Lower Upper
180 100
182 99.1 47.9 143.7
145 52.5 16.4 49.2#



#95
Naphthalene
Concen: 8.217 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068946.D
Acq: 15 Oct 2021 13:50

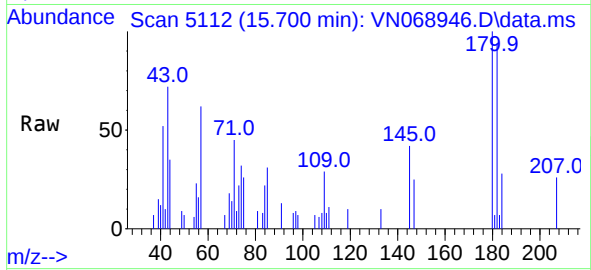
Tgt Ion:128 Resp: 45057
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 3.877 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN068946.D
 Acq: 15 Oct 2021 13:50

Instrument :
 MSVOA_N
 ClientSampled :
 HAR-14



Tgt Ion:	180	Resp:	4672
Ion	Ratio	Lower	Upper
180	100		
182	100.1	48.1	144.3
145	45.5	17.4	52.2

