

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068838.D
 Acq On : 7 Oct 2021 13:51
 Operator : JC/MD
 Sample : PB139682ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139682ZHE#01

Quant Time: Oct 08 05:57:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

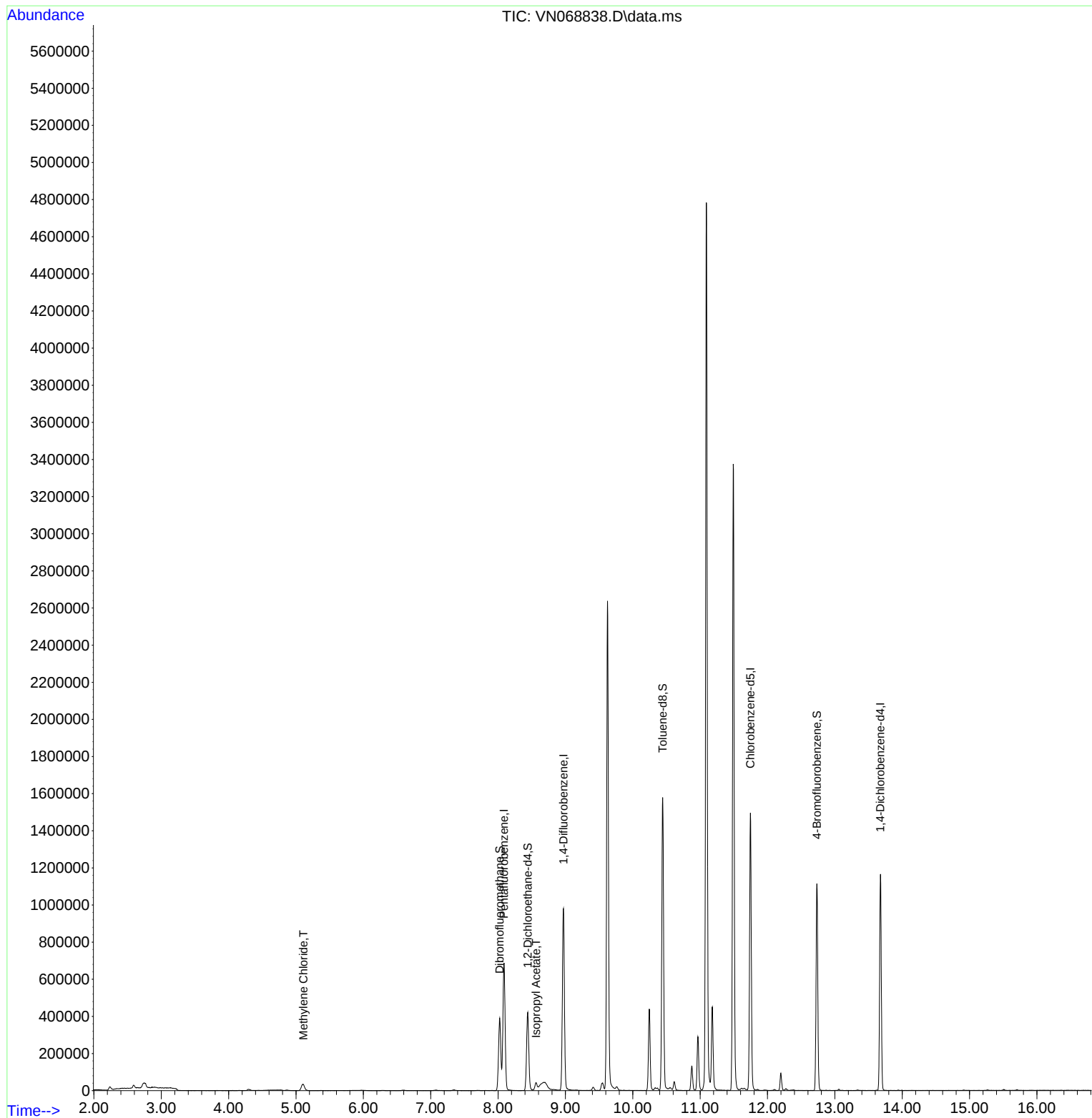
Internal Standards						
1) Pentafluorobenzene	8.088	168	496576	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	861706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	840496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	296610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	344957	47.27	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.54%
35) Dibromofluoromethane	8.024	113	273879	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	10.443	98	1100125	49.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.68%
62) 4-Bromofluorobenzene	12.734	95	359974	43.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.60%
Target Compounds						
20) Methylene Chloride	5.109	84	29078	3.22	ug/l	# 82
43) Isopropyl Acetate	8.563	43	51680	4.37	ug/l	# 87

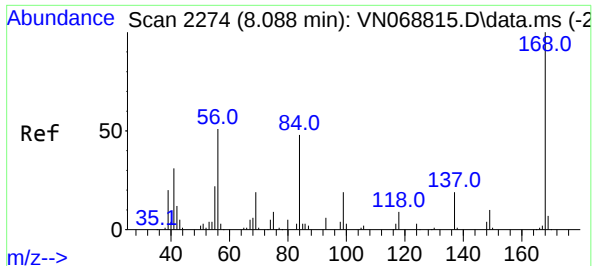
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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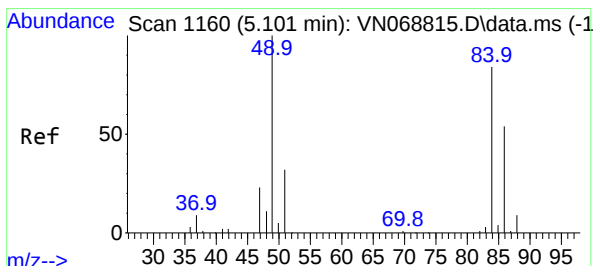
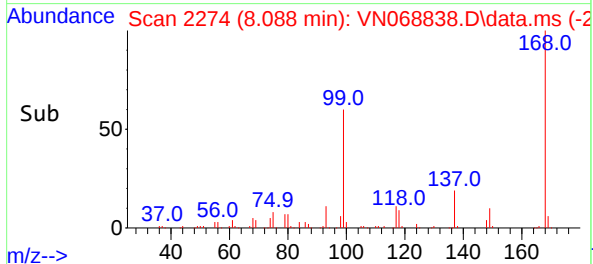
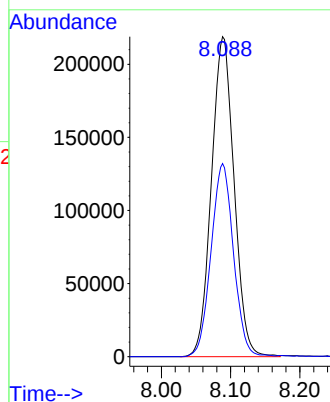
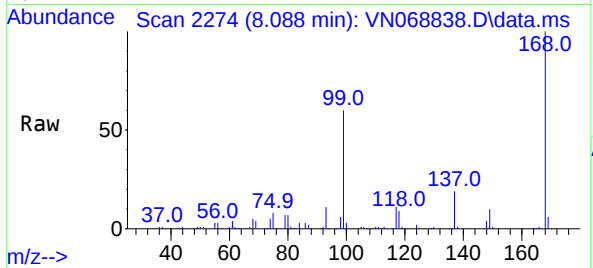




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

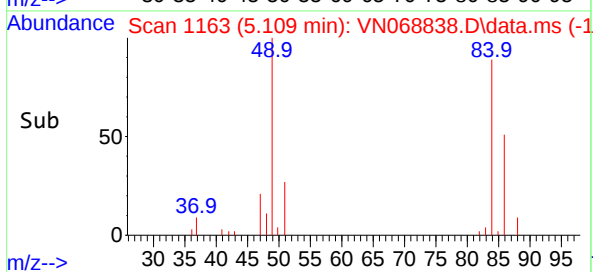
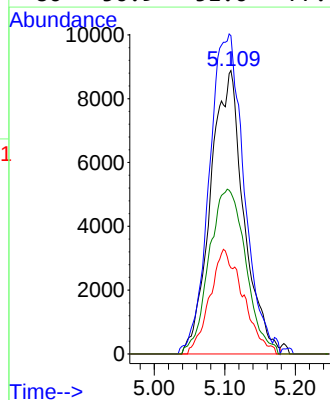
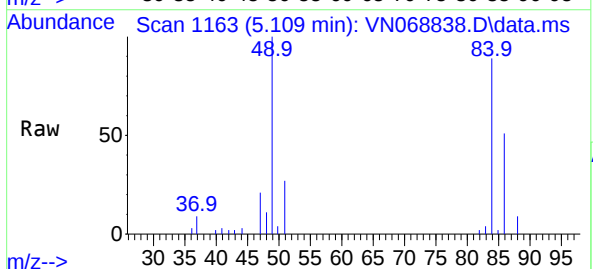
Instrument :
MSVOA_N
ClientSampleId :
PB139682ZHE#01

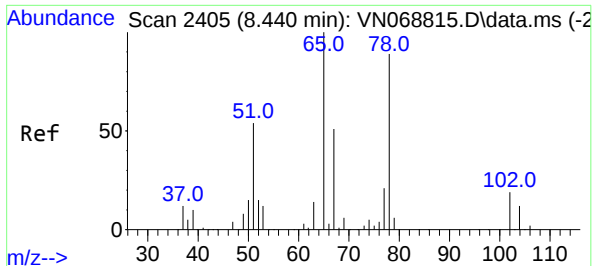
Tgt Ion:168 Resp: 496576
Ion Ratio Lower Upper
168 100
99 60.4 62.9 94.3#



#20
Methylene Chloride
Concen: 3.22 ug/l
RT: 5.109 min Scan# 1163
Delta R.T. 0.008 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Tgt Ion: 84 Resp: 29078
Ion Ratio Lower Upper
84 100
49 112.3 110.9 166.3
51 30.4 32.6 49.0#
86 56.9 51.6 77.4

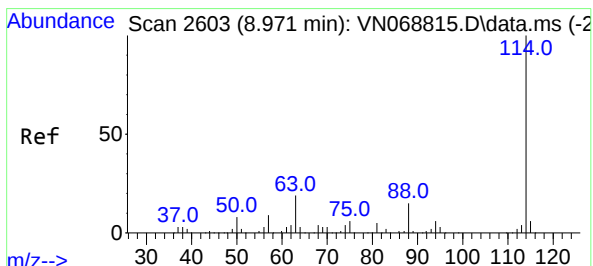
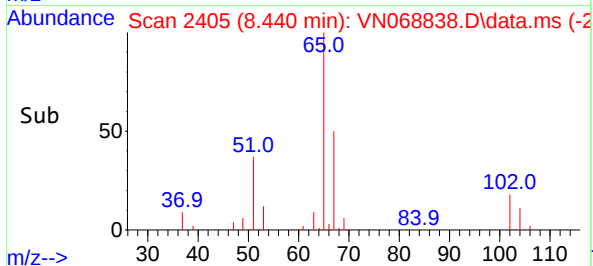
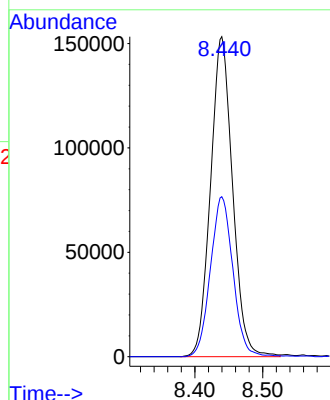
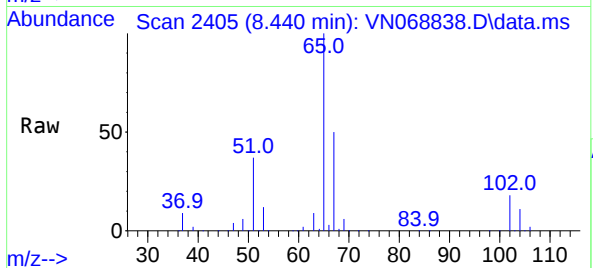




#33
1,2-Dichloroethane-d4
Concen: 47.27 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

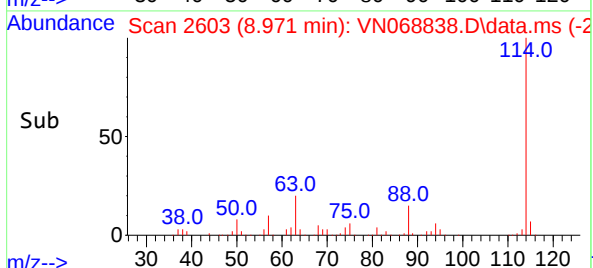
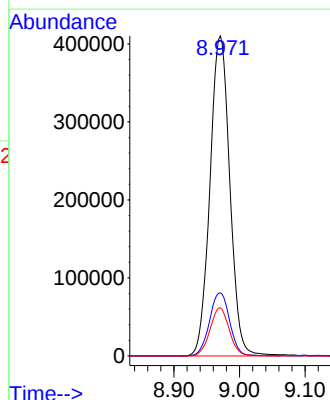
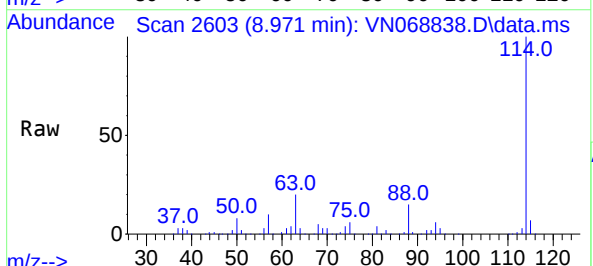
Instrument :
MSVOA_N
ClientSampleId :
PB139682ZHE#01

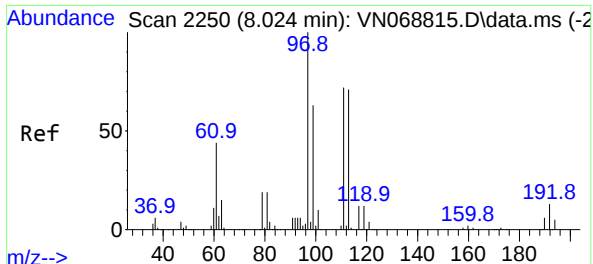
Tgt Ion: 65 Resp: 344957
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Tgt Ion: 114 Resp: 861706
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 15.1 0.0 36.6

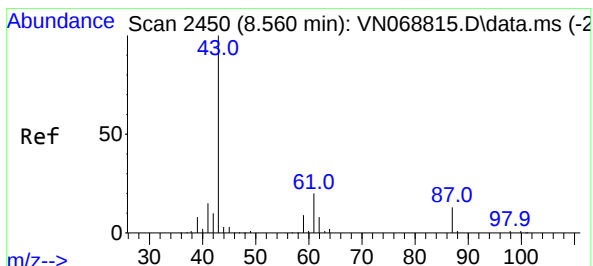
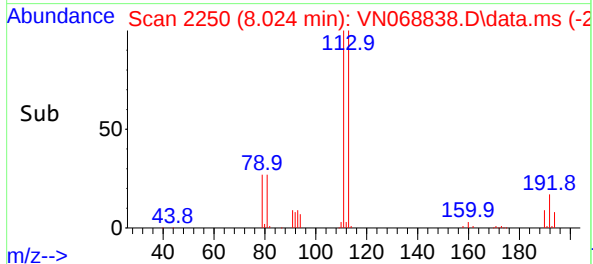
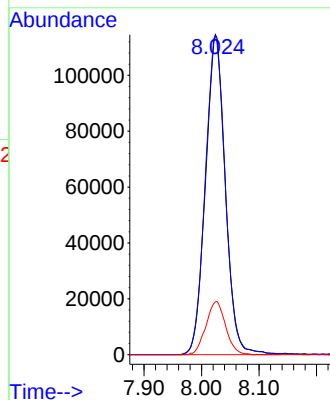
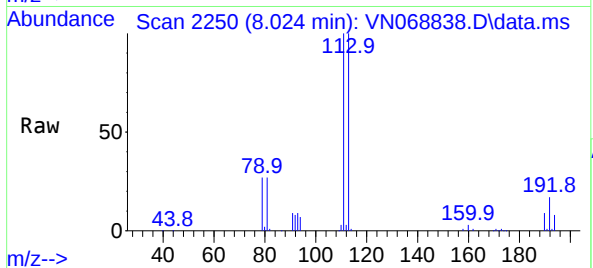




#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

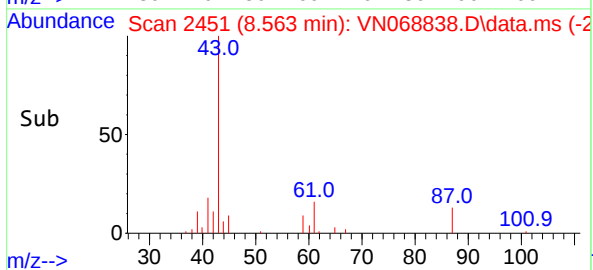
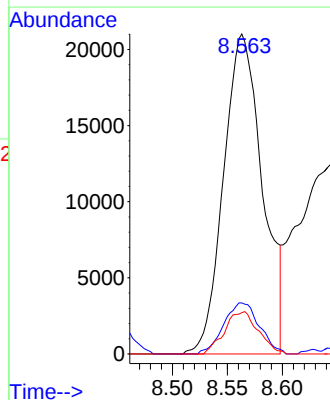
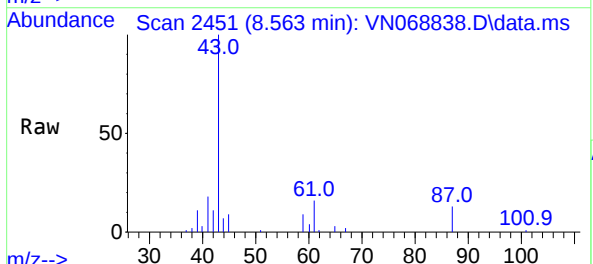
Instrument :
MSVOA_N
ClientSampleId :
PB139682ZHE#01

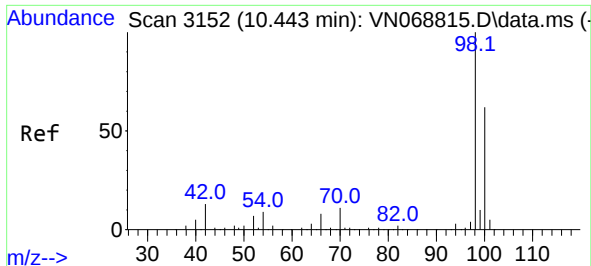
Tgt Ion:113 Resp: 273879
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.8
192 16.5 13.4 20.0



#43
Isopropyl Acetate
Concen: 4.37 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Tgt Ion: 43 Resp: 51680
Ion Ratio Lower Upper
43 100
61 14.7 19.0 28.4#
87 11.5 9.5 14.3

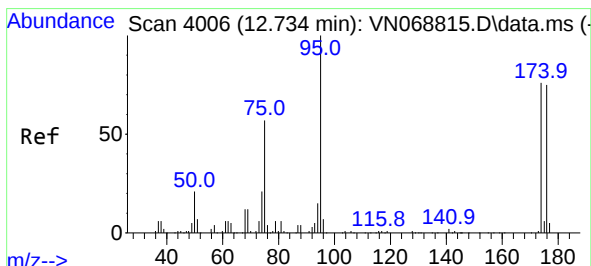
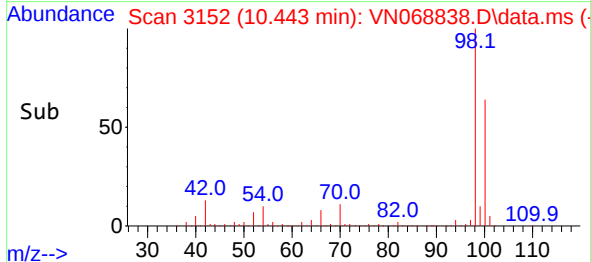
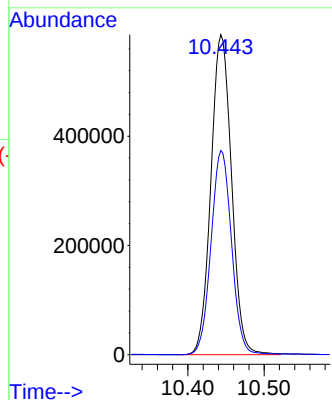
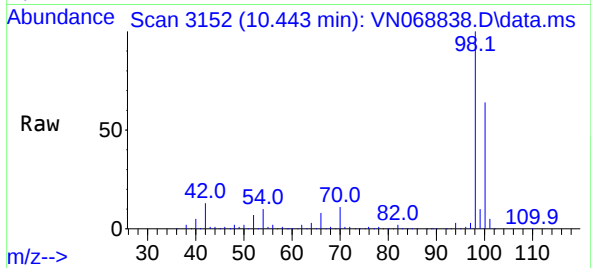




#50
Toluene-d8
Concen: 49.84 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

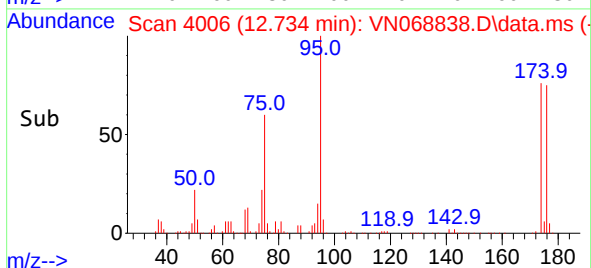
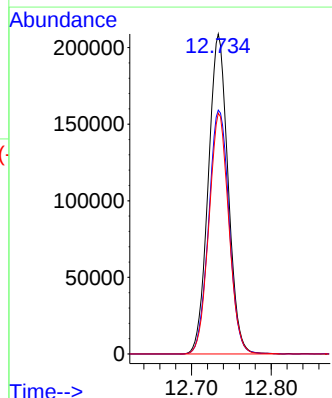
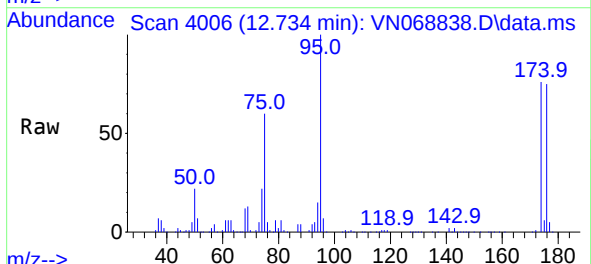
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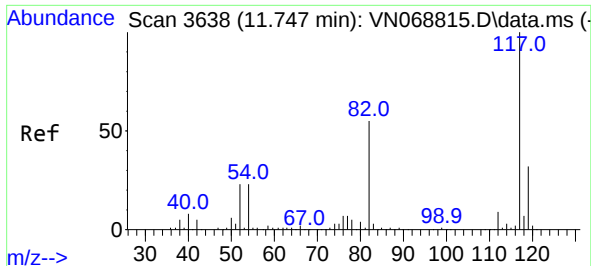
Tgt Ion: 98 Resp: 1100125
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.80 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Tgt Ion: 95 Resp: 359974
Ion Ratio Lower Upper
95 100
174 78.8 0.0 122.0
176 75.6 0.0 117.6

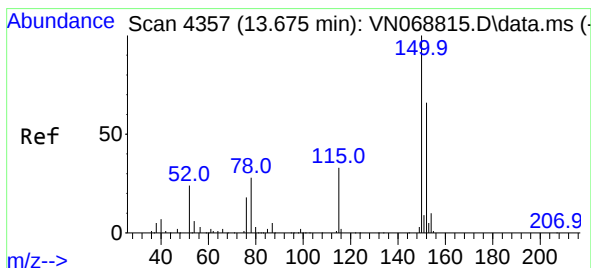
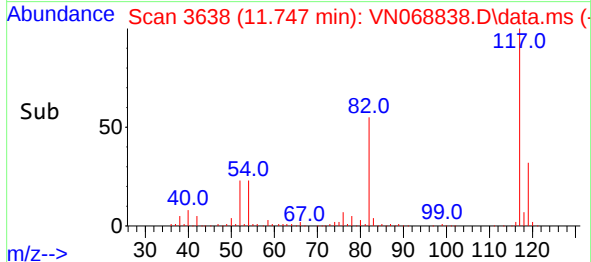
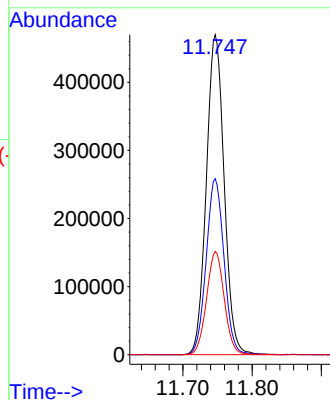
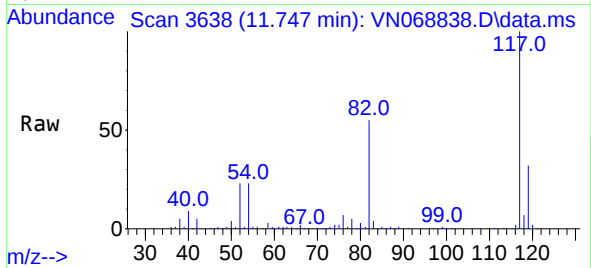




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Instrument :
MSVOA_N
ClientSampleId :
PB139682ZHE#01

Tgt Ion:117 Resp: 840496
Ion Ratio Lower Upper
117 100
82 55.0 53.1 79.7
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN068838.D
Acq: 7 Oct 2021 13:51

Tgt Ion:152 Resp: 296610
Ion Ratio Lower Upper
152 100
115 60.4 36.1 108.5
150 157.8 0.0 351.8

