

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068824.D
 Acq On : 6 Oct 2021 17:50
 Operator : JC/MD
 Sample : PB139645ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139645ZHE#01

Quant Time: Oct 07 06:02:27 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)

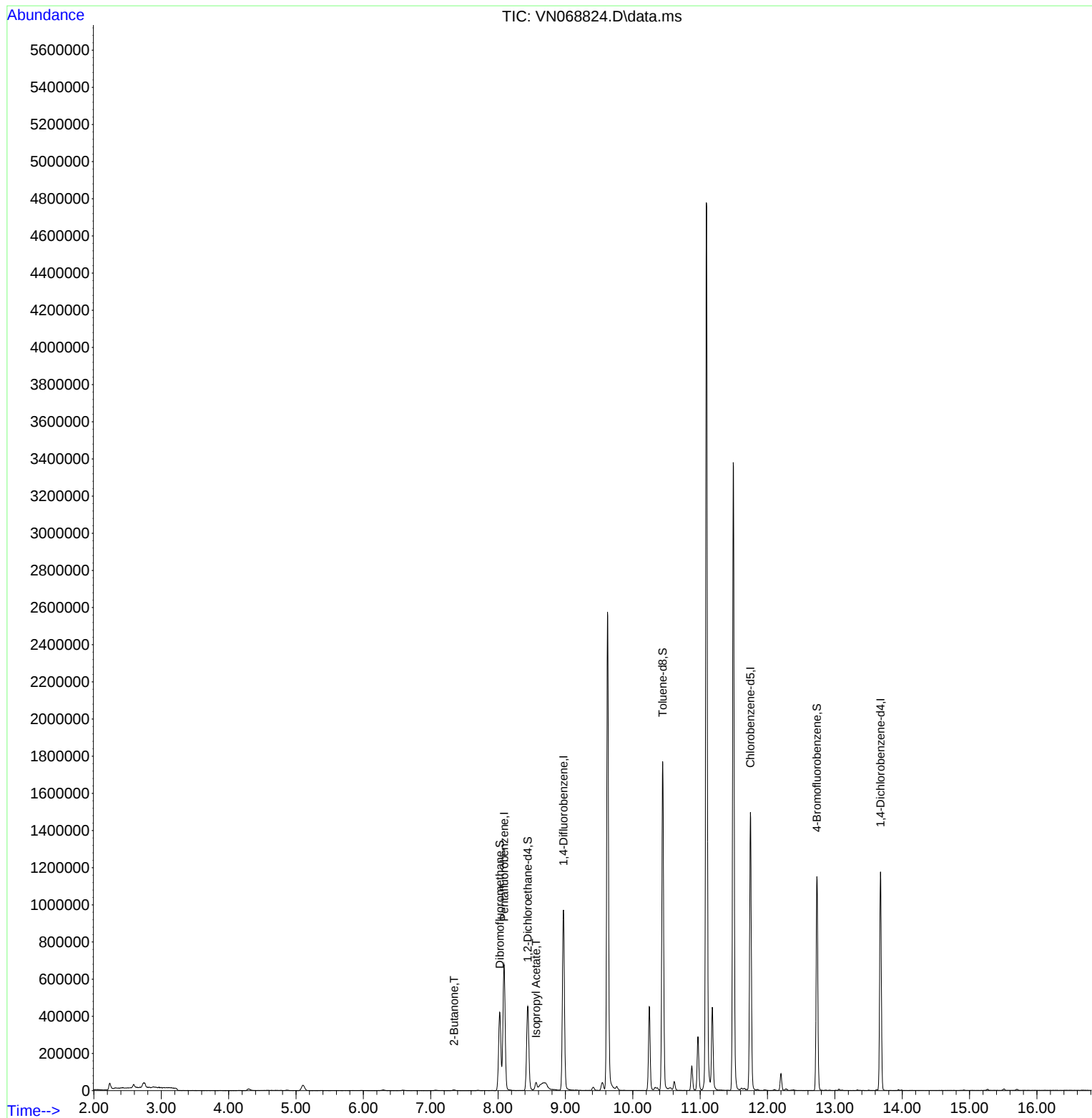
Internal Standards						
1) Pentafluorobenzene	8.091	168	496300	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	857414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	842492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	300169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	379951	52.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.18%	
35) Dibromofluoromethane	8.027	113	296908	52.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.44%	
50) Toluene-d8	10.443	98	1223727	55.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.42%	
62) 4-Bromofluorobenzene	12.733	95	363632	44.39	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.78%	
Target Compounds						
						Qvalue
25) 2-Butanone	7.345	43	7043	2.12	ug/l	98
43) Isopropyl Acetate	8.563	43	49041	4.17	ug/l	# 87

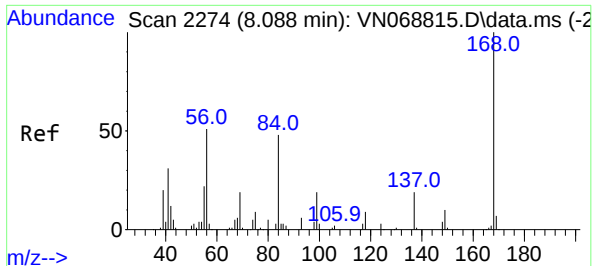
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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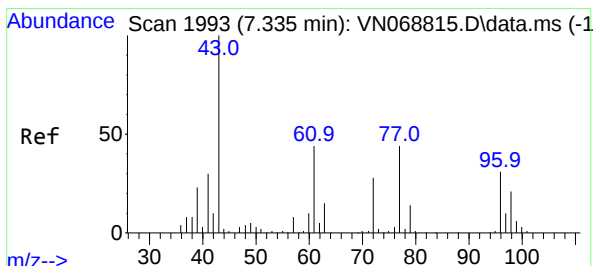
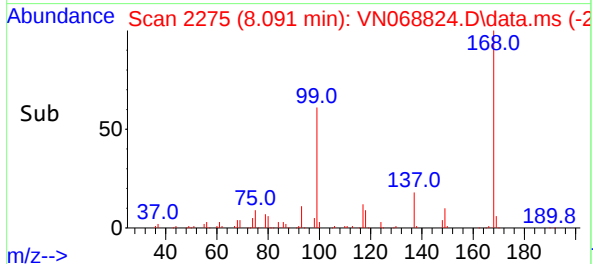
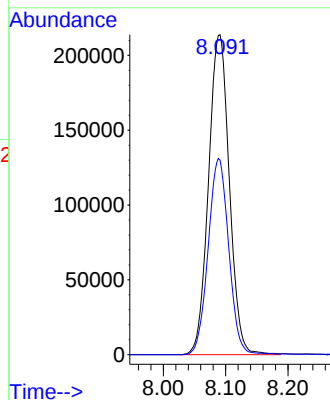
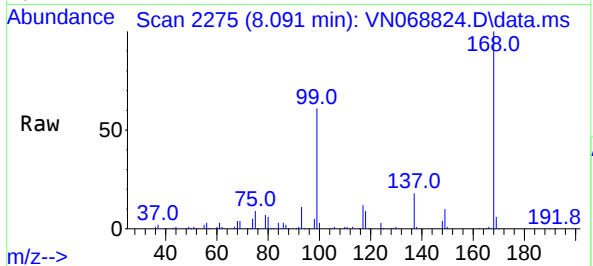




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

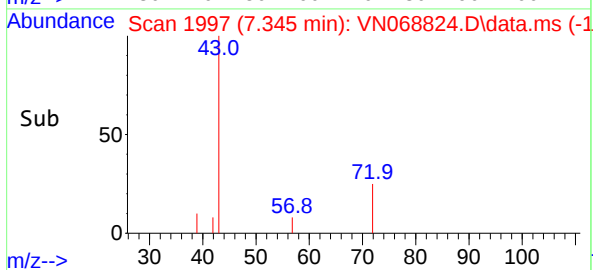
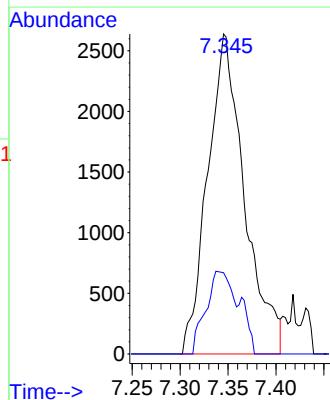
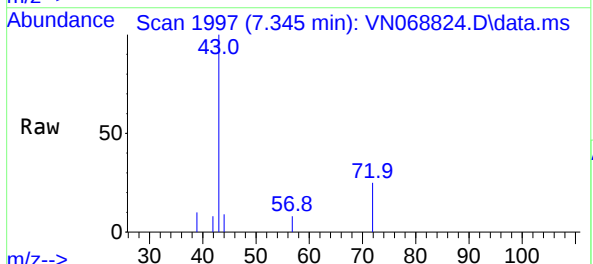
Instrument :
MSVOA_N
ClientSampleId :
PB139645ZHE#01

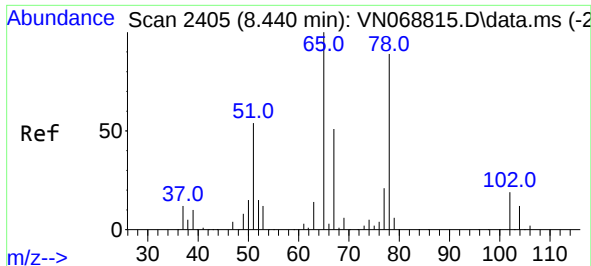
Tgt Ion:168 Resp: 496300
Ion Ratio Lower Upper
168 100
99 60.8 62.9 94.3#



#25
2-Butanone
Concen: 2.12 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

Tgt Ion: 43 Resp: 7043
Ion Ratio Lower Upper
43 100
72 25.4 19.7 29.5

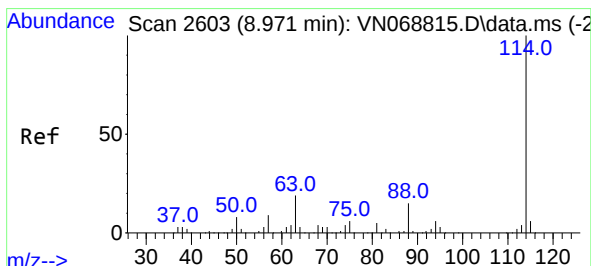
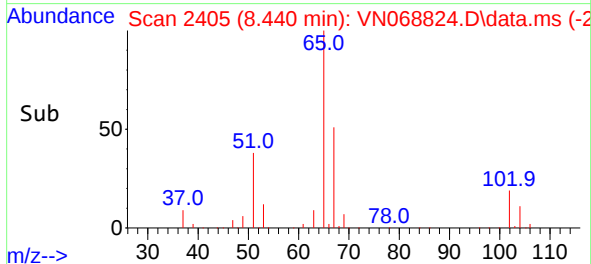
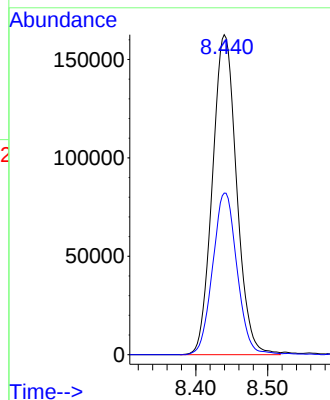
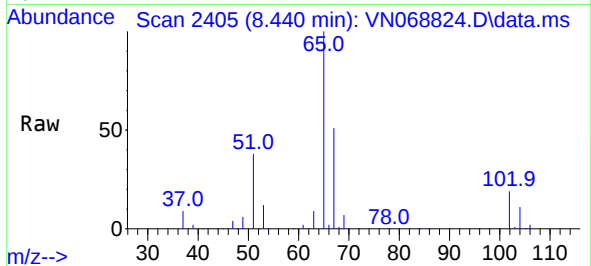




#33
1,2-Dichloroethane-d4
Concen: 52.09 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

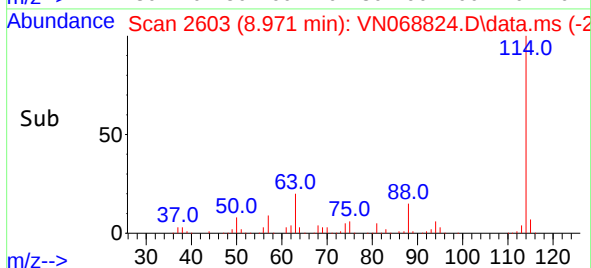
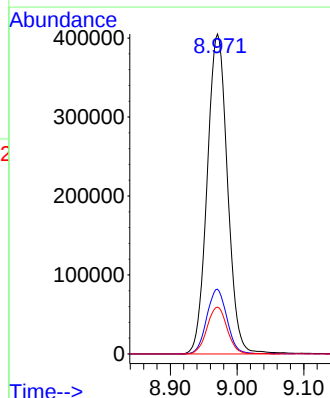
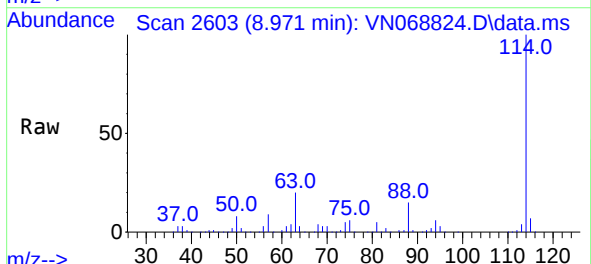
Instrument :
MSVOA_N
ClientSampleId :
PB139645ZHE#01

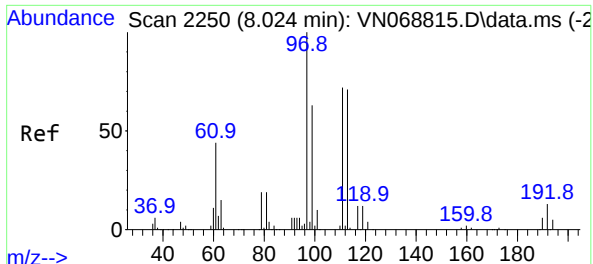
Tgt Ion: 65 Resp: 379951
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

Tgt Ion: 114 Resp: 857414
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.72 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VN068824.D

Acq: 6 Oct 2021 17:50

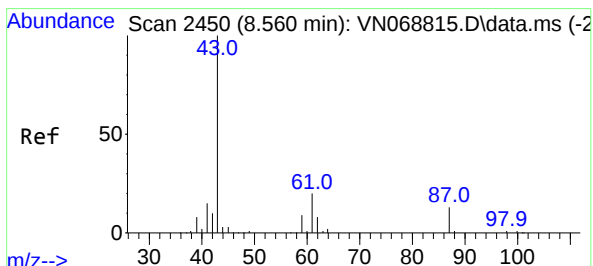
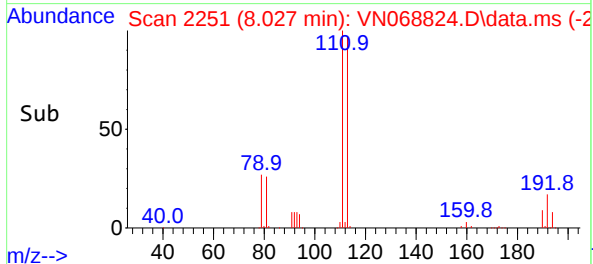
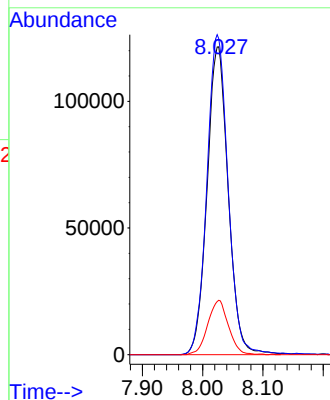
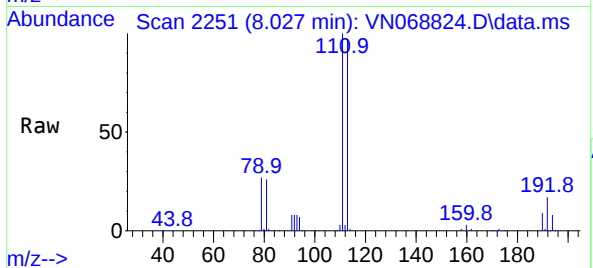
Tgt Ion:113 Resp: 296908

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.8

192 17.2 13.4 20.0



#43

Isopropyl Acetate

Concen: 4.17 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN068824.D

Acq: 6 Oct 2021 17:50

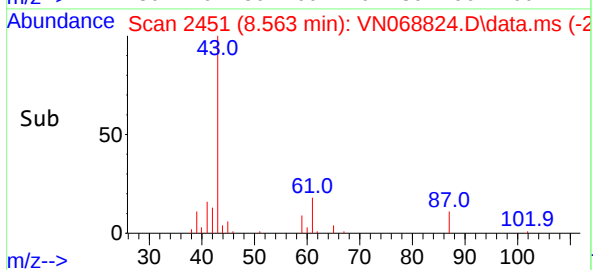
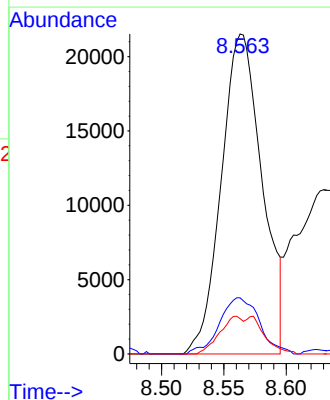
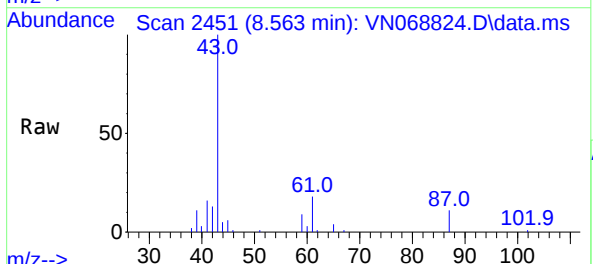
Tgt Ion: 43 Resp: 49041

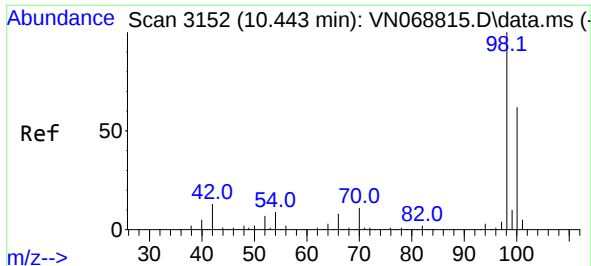
Ion Ratio Lower Upper

43 100

61 17.2 19.0 28.4#

87 6.8 9.5 14.3#

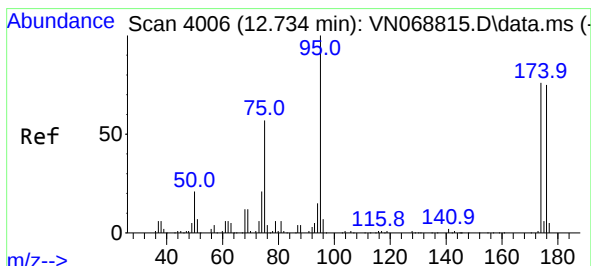
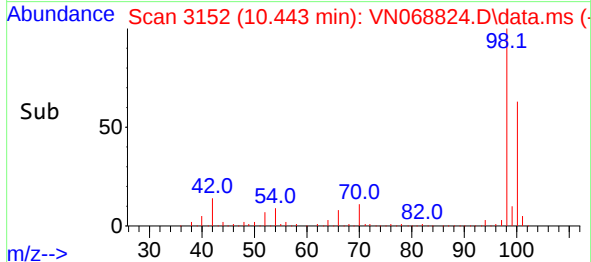
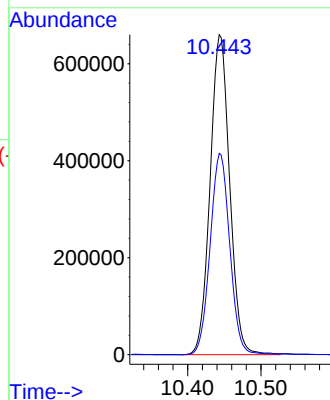
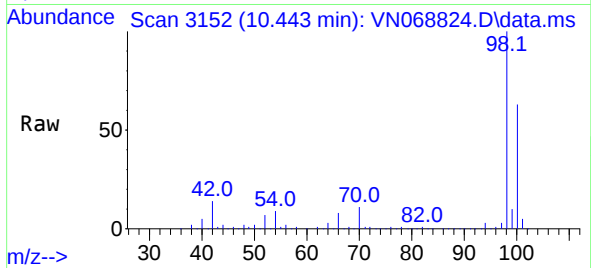




#50
Toluene-d8
Concen: 55.71 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

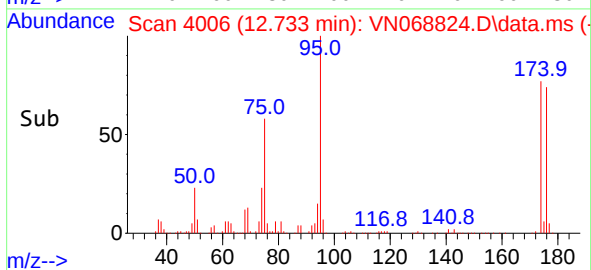
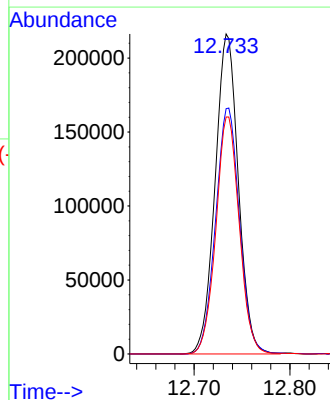
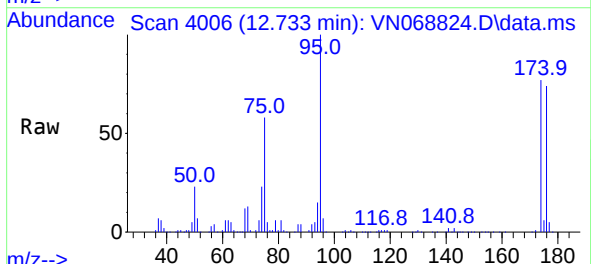
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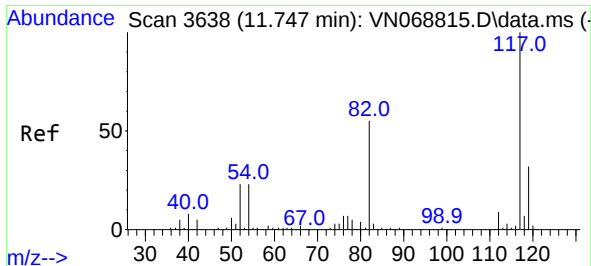
Tgt Ion: 98 Resp: 1223727
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

Tgt Ion: 95 Resp: 363632
Ion Ratio Lower Upper
95 100
174 79.2 0.0 122.0
176 74.5 0.0 117.6

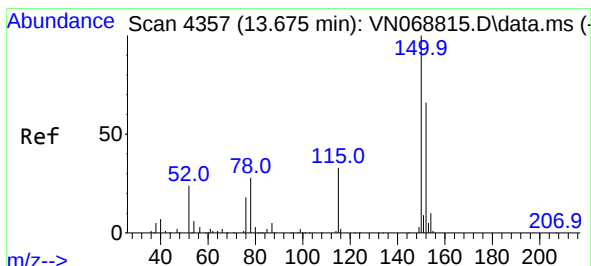
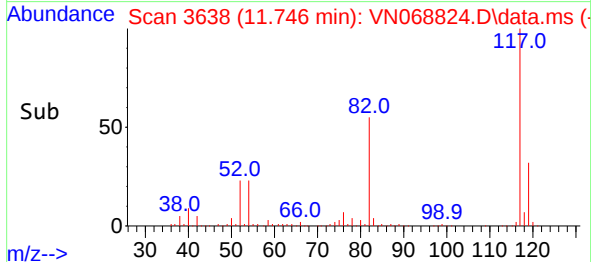
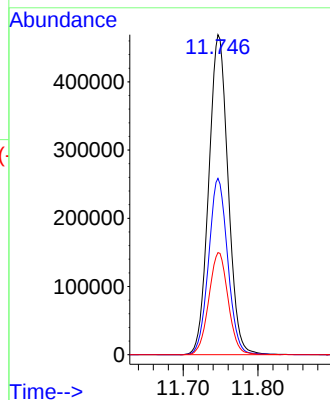
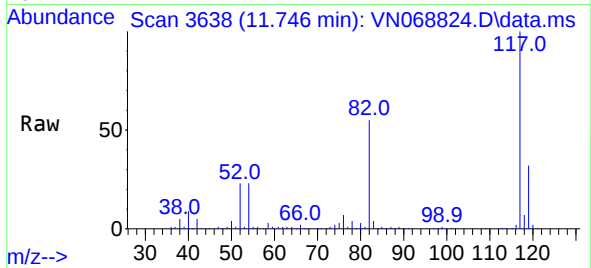




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

Instrument :
MSVOA_N
ClientSampleId :
PB139645ZHE#01

Tgt Ion:117 Resp: 842492
Ion Ratio Lower Upper
117 100
82 55.1 53.1 79.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068824.D
Acq: 6 Oct 2021 17:50

Tgt Ion:152 Resp: 300169
Ion Ratio Lower Upper
152 100
115 61.1 36.1 108.5
150 157.1 0.0 351.8

