

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076417.D
 Acq On : 26 Jan 2023 14:01
 Operator : JC\MD
 Sample : PB150465ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150465ZHE#02

Quant Time: Jan 27 00:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

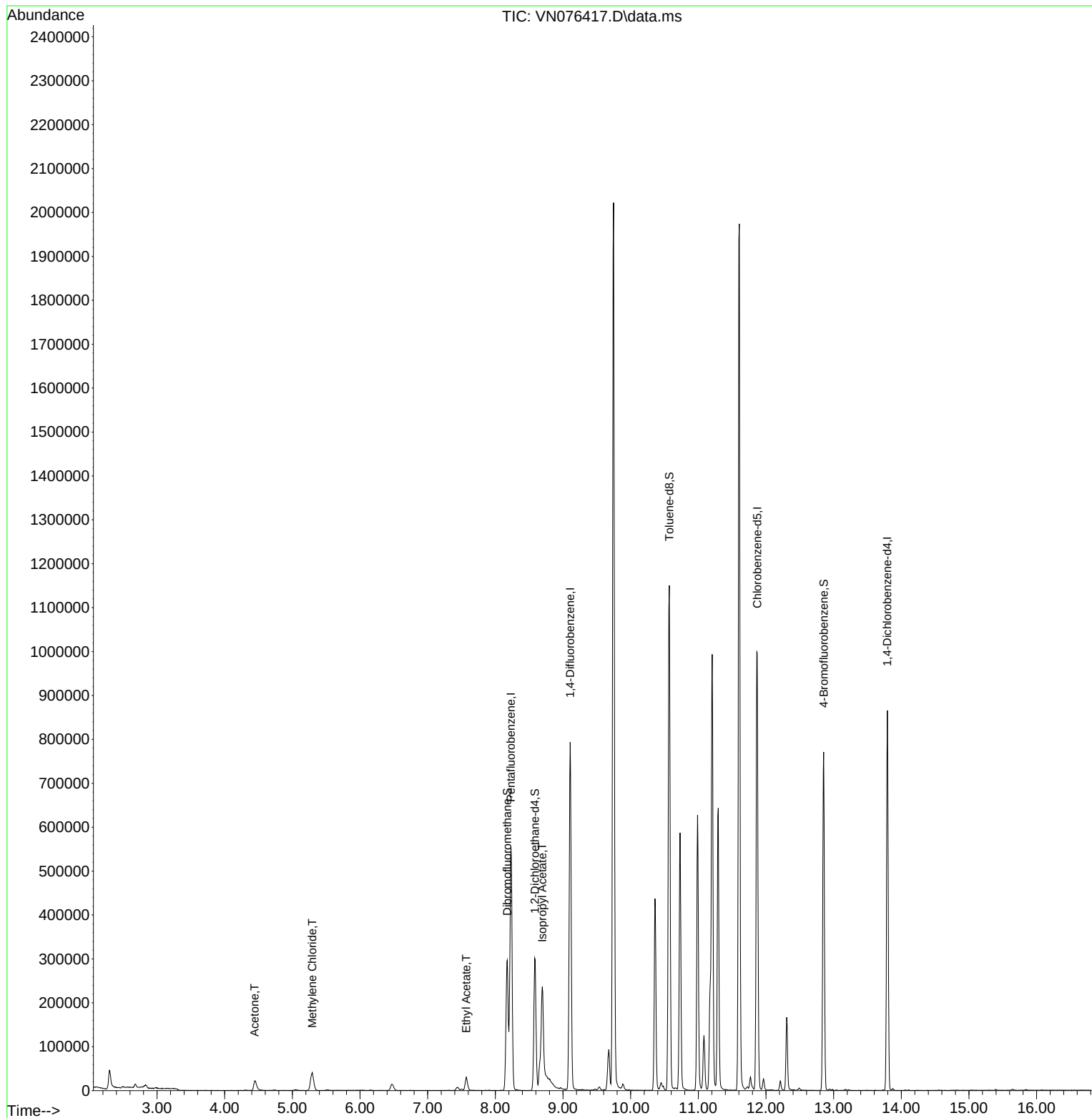
Internal Standards						
1) Pentafluorobenzene	8.230	168	421938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248522	52.604	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.200%		
35) Dibromofluoromethane	8.177	113	212252	48.557	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.120%		
50) Toluene-d8	10.571	98	813131	50.370	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	12.853	95	255613	48.503	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.000%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	43641	28.751	ug/l	90
20) Methylene Chloride	5.295	84	34511	7.185	ug/l	97
37) Ethyl Acetate	7.571	43	42269	8.515	ug/l	98
43) Isopropyl Acetate	8.694	43	373780	46.118	ug/l #	72

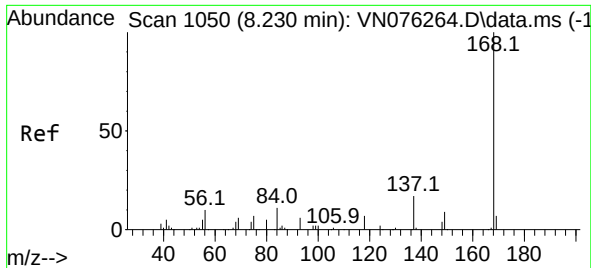
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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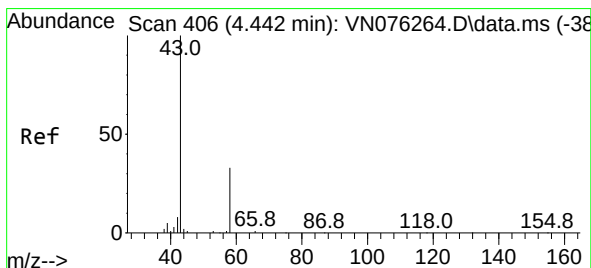
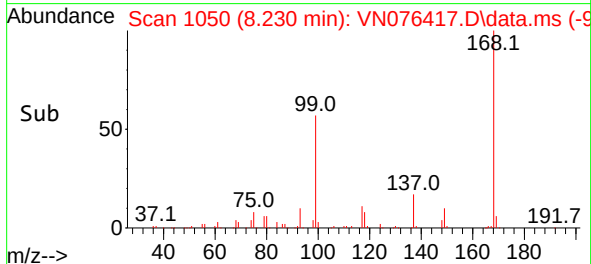
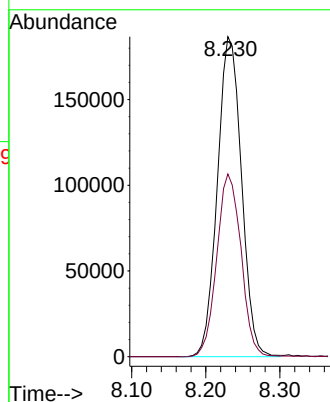
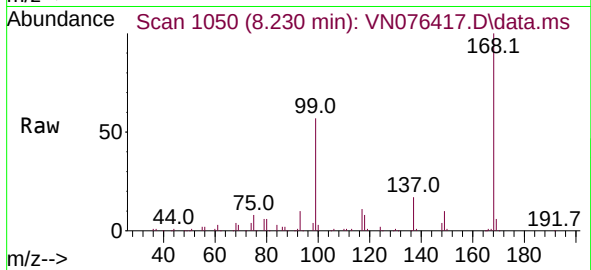




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

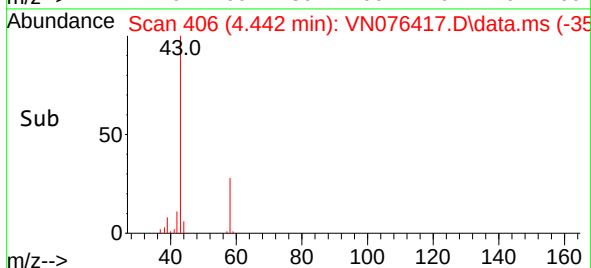
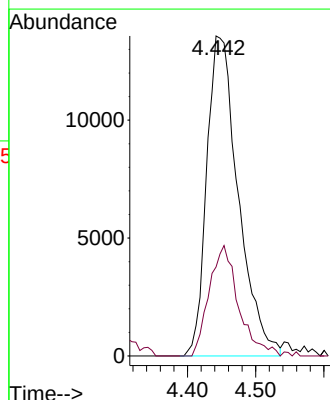
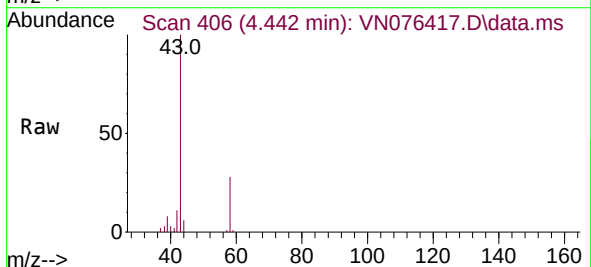
Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#02

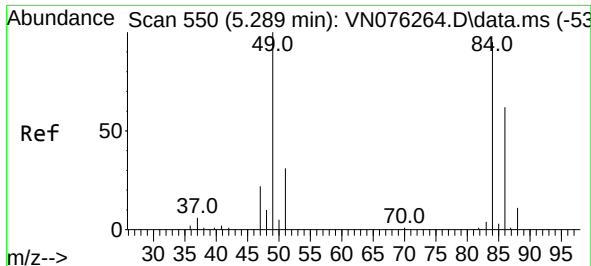
Tgt Ion:168 Resp: 421938
Ion Ratio Lower Upper
168 100
99 57.1 41.6 62.4



#16
Acetone
Concen: 28.751 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Tgt Ion: 43 Resp: 43641
Ion Ratio Lower Upper
43 100
58 27.8 26.7 40.1

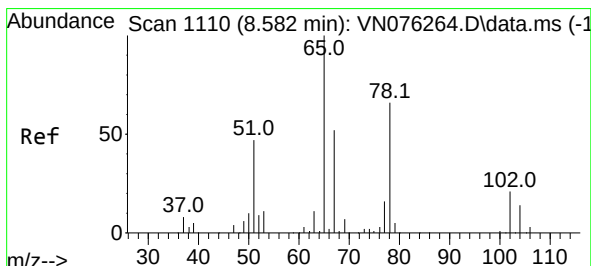
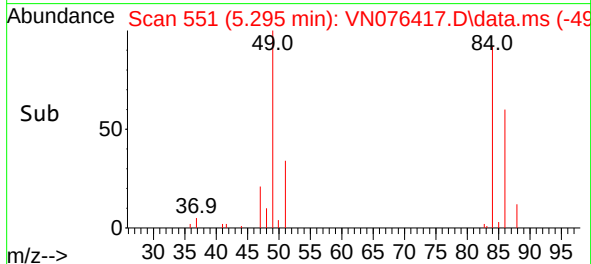
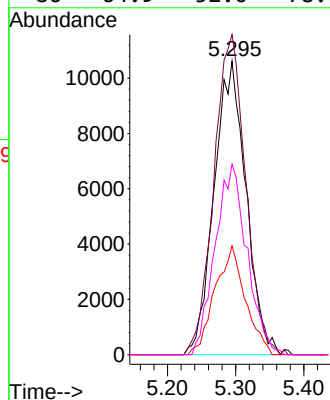
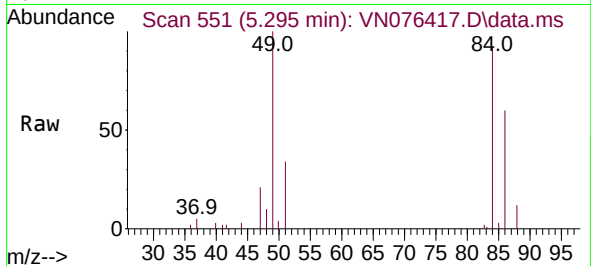




#20
Methylene Chloride
Concen: 7.185 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

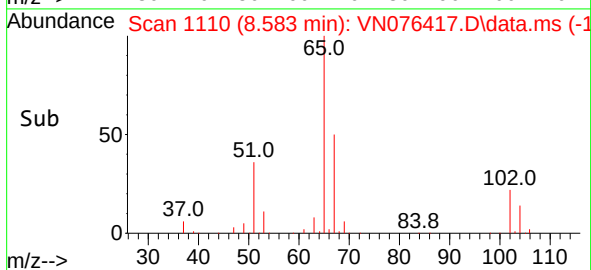
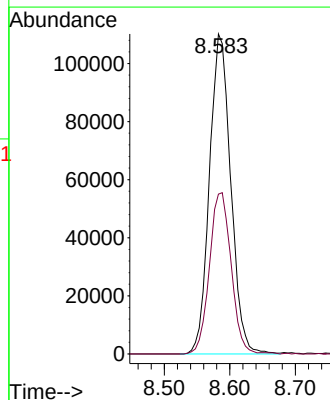
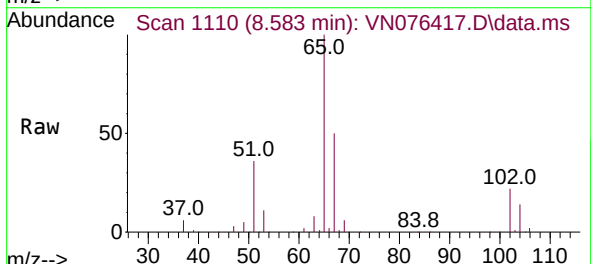
Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#02

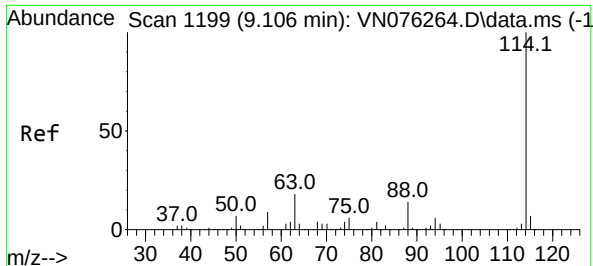
Tgt Ion:	84	Resp:	34511
Ion	Ratio	Lower	Upper
84	100		
49	109.0	84.5	126.7
51	37.1	26.0	39.0
86	64.9	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 52.604 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Tgt Ion:	65	Resp:	248522
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.6

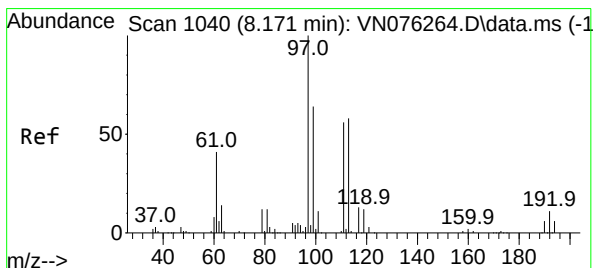
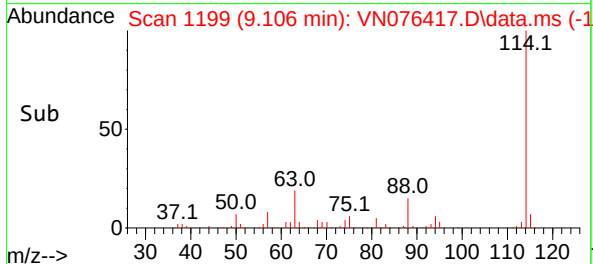
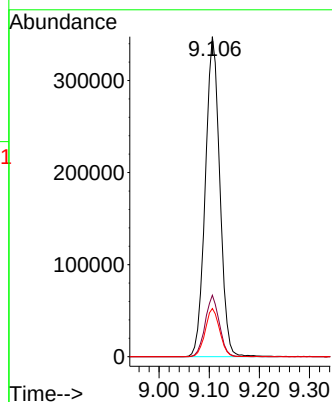
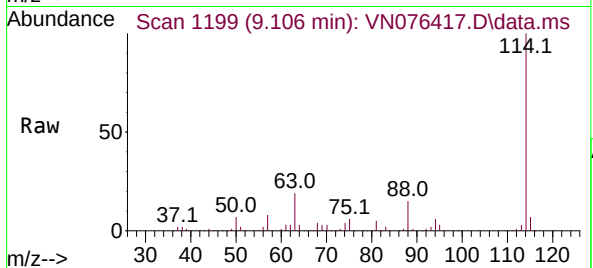




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

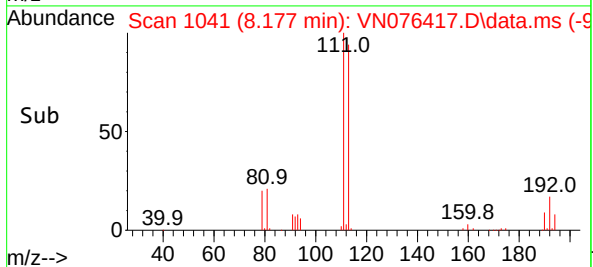
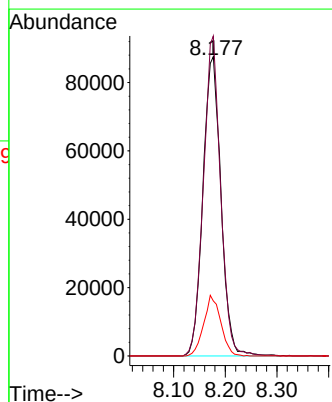
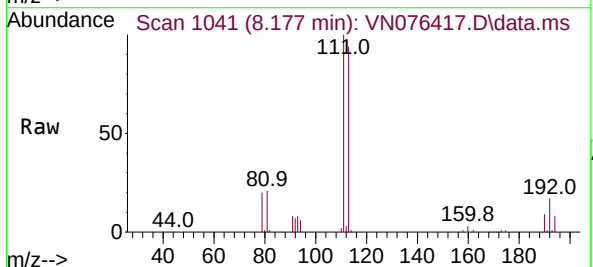
Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#02

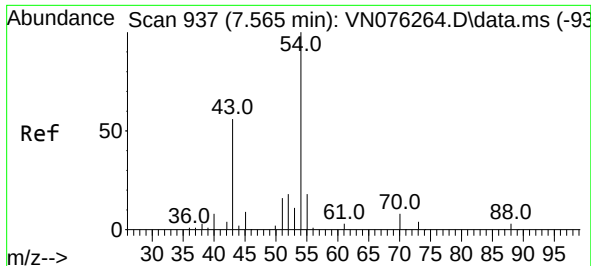
Tgt Ion:114 Resp: 698779
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.8
88 15.0 0.0 28.0



#35
Dibromofluoromethane
Concen: 48.557 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Tgt Ion:113 Resp: 212252
Ion Ratio Lower Upper
113 100
111 101.9 82.7 124.1
192 19.2 15.6 23.4





#37

Ethyl Acetate

Concen: 8.515 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076417.D

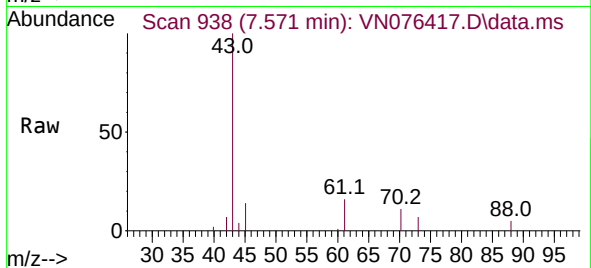
Acq: 26 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB150465ZHE#02



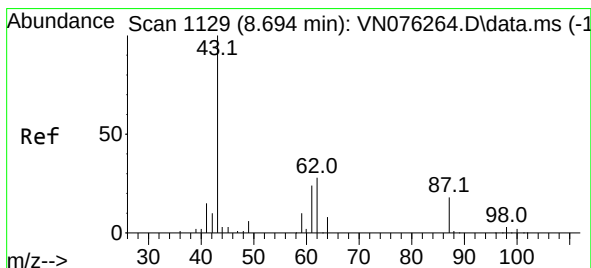
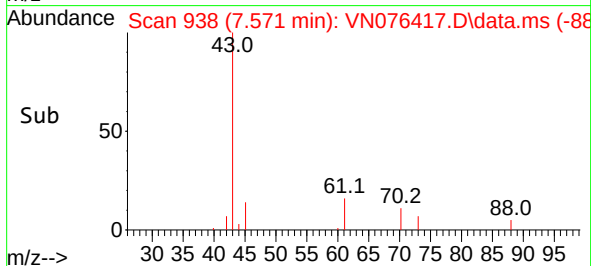
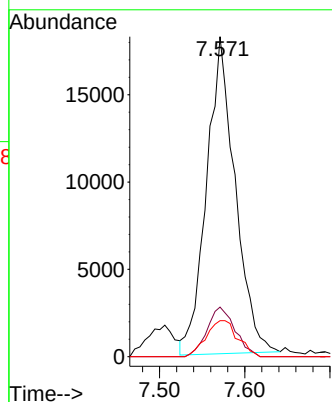
Tgt Ion: 43 Resp: 42269

Ion Ratio Lower Upper

43 100

61 15.3 11.1 16.7

70 12.5 10.0 15.0



#43

Isopropyl Acetate

Concen: 46.118 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076417.D

Acq: 26 Jan 2023 14:01

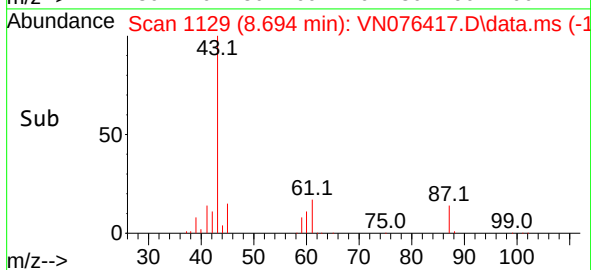
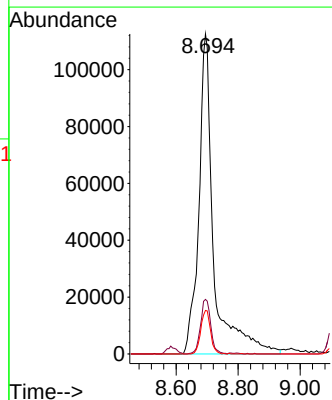
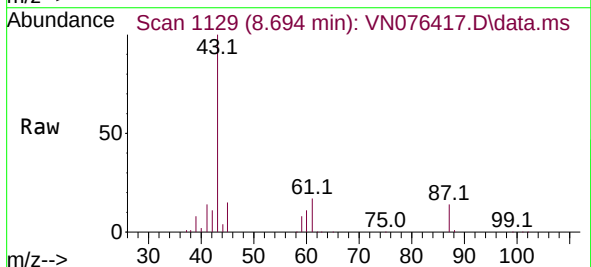
Tgt Ion: 43 Resp: 373780

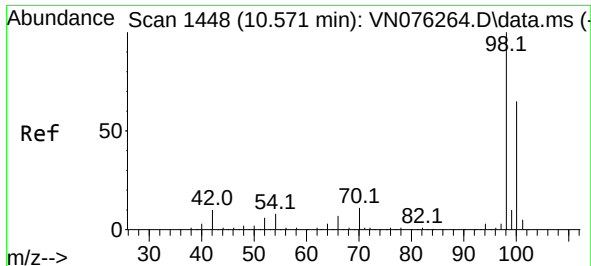
Ion Ratio Lower Upper

43 100

61 11.8 23.5 35.3#

87 8.9 13.8 20.6#

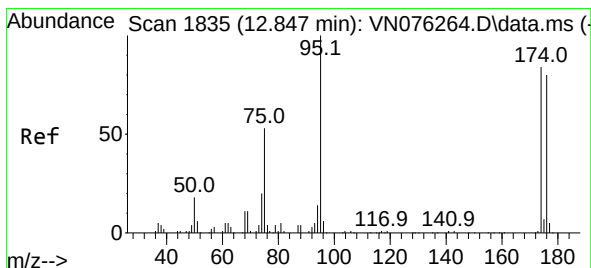
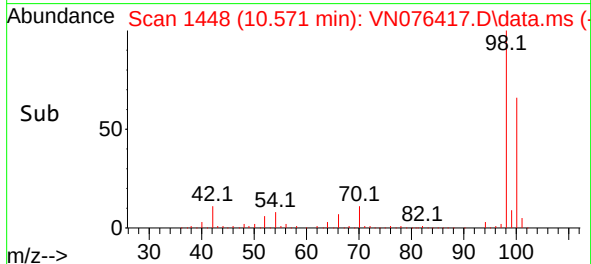
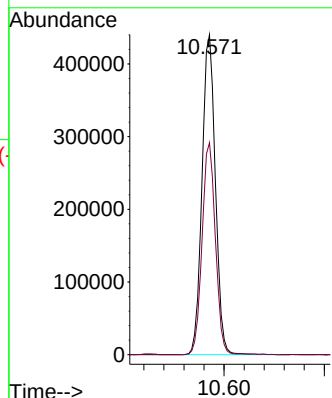
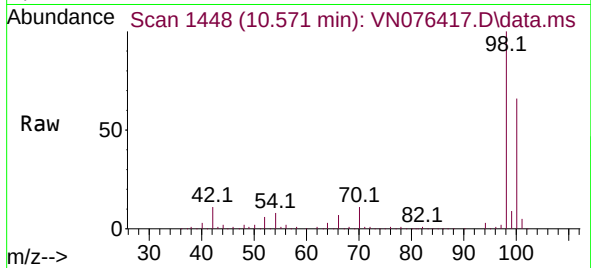




#50
Toluene-d8
Concen: 50.370 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

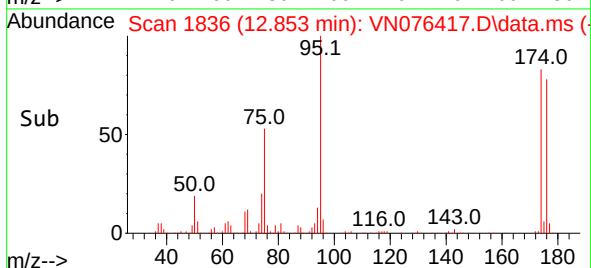
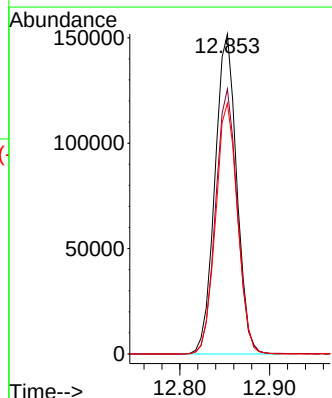
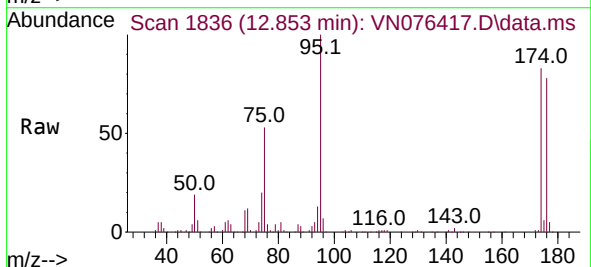
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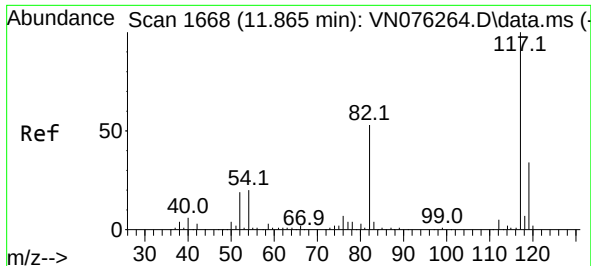
Tgt Ion: 98 Resp: 813131
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.503 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Tgt Ion: 95 Resp: 255613
Ion Ratio Lower Upper
95 100
174 82.5 0.0 174.6
176 79.0 0.0 167.8

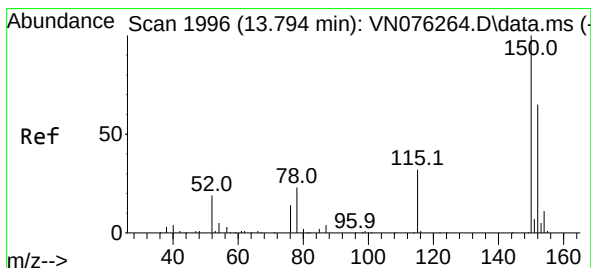
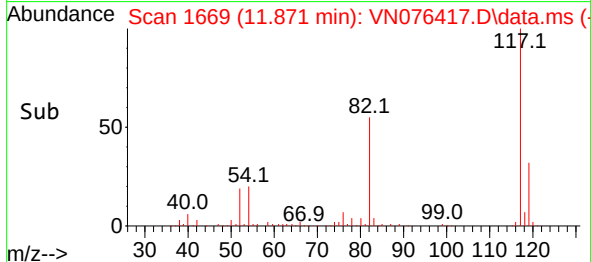
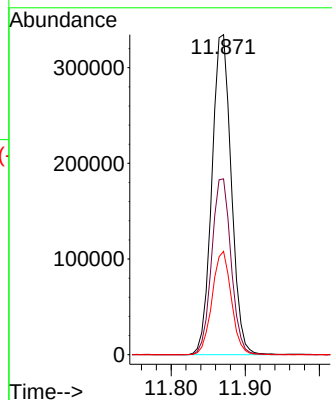
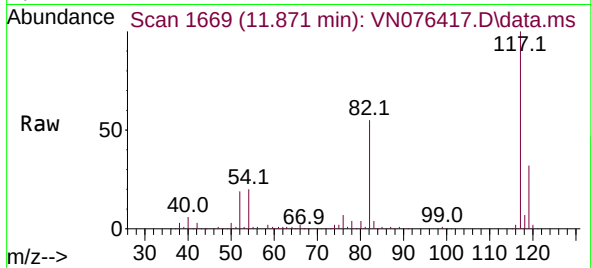




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
PB150465ZHE#02

Tgt Ion:117 Resp: 608906
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.2
119 32.3 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076417.D
Acq: 26 Jan 2023 14:01

Tgt Ion:152 Resp: 238093
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.9
150 159.1 0.0 351.4

