

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076829.D
 Acq On : 28 Feb 2023 15:46
 Operator : JC\MD
 Sample : PB151081ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151081ZHE#01

Quant Time: Mar 01 01:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

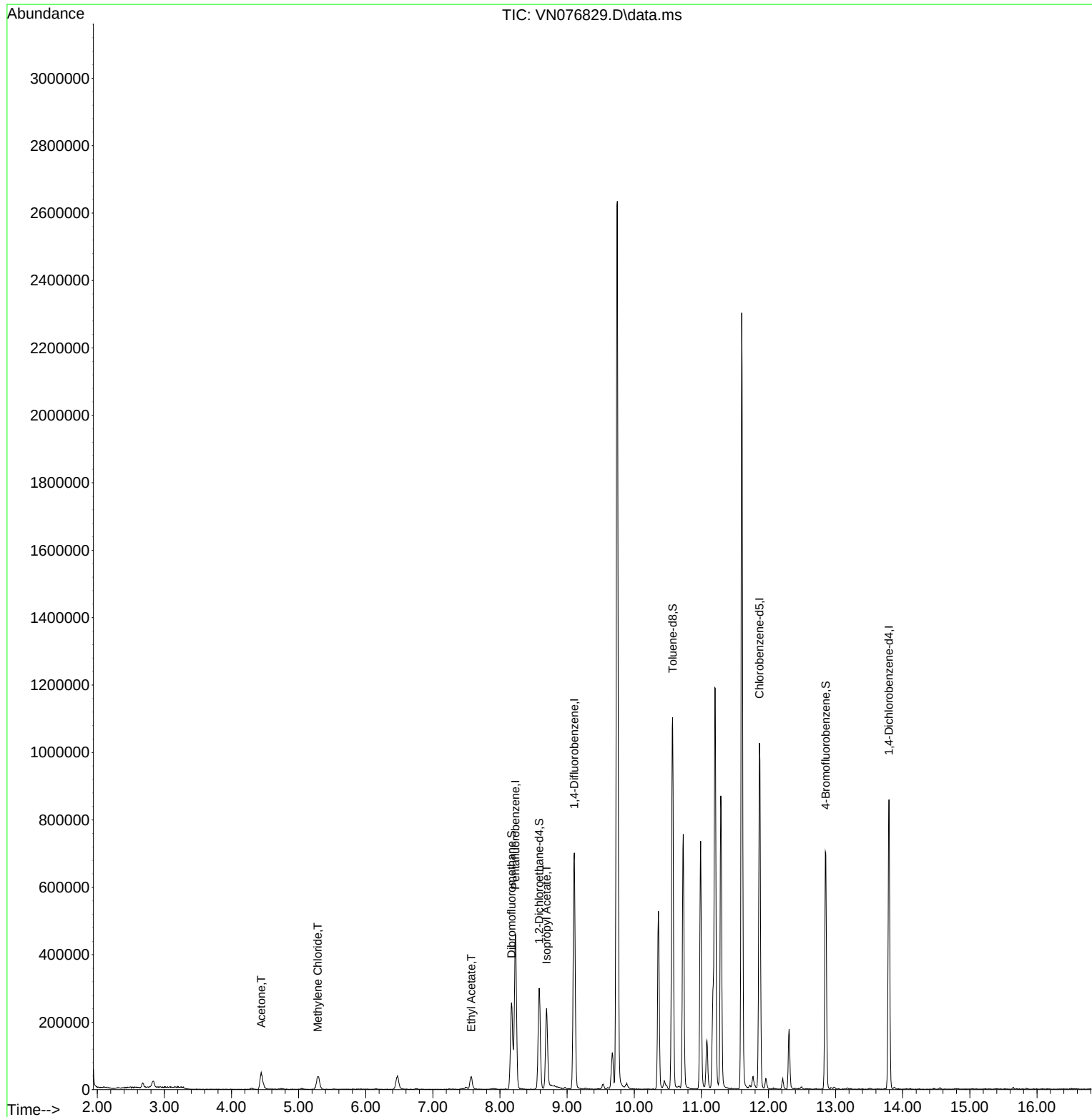
Internal Standards						
1) Pentafluorobenzene	8.230	168	330747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	586865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	576380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	207133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	234739	51.398	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.800%		
35) Dibromofluoromethane	8.172	113	180494	46.964	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.920%		
50) Toluene-d8	10.571	98	753715	52.513	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.020%		
62) 4-Bromofluorobenzene	12.854	95	230592	48.508	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.020%		
Target Compounds						
16) Acetone	4.442	43	92531	45.356	ug/l	Qvalue # 88
20) Methylene Chloride	5.284	84	28747	6.723	ug/l	95
37) Ethyl Acetate	7.572	43	61879	10.591	ug/l	96
43) Isopropyl Acetate	8.695	43	279209	29.369	ug/l	# 88

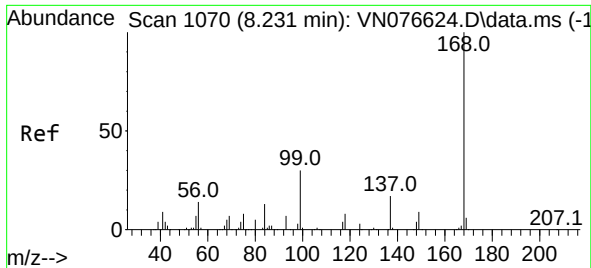
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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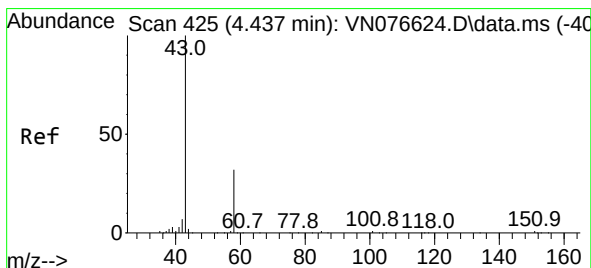
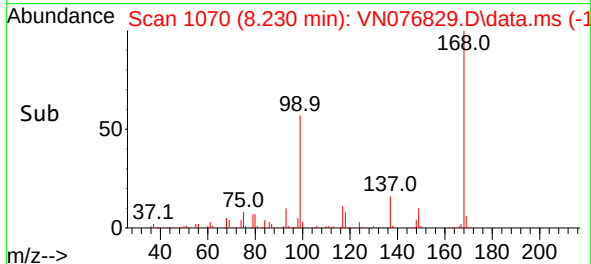
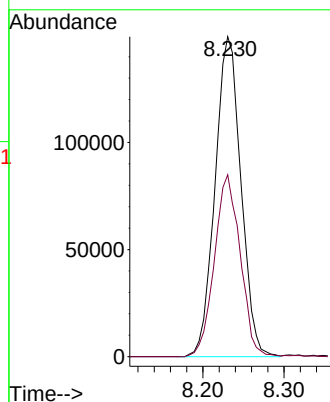
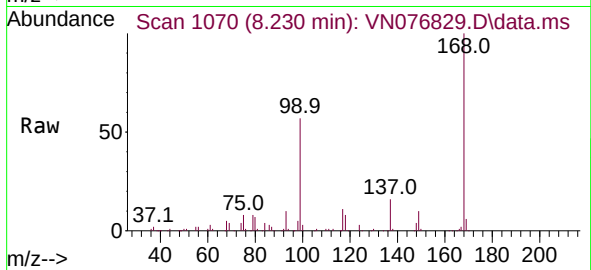




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

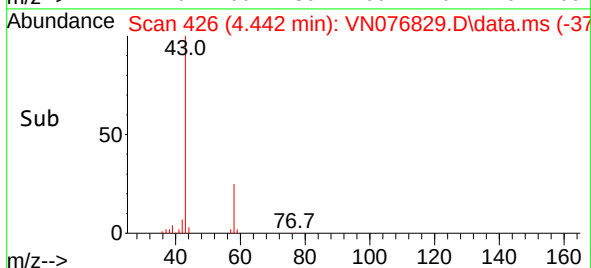
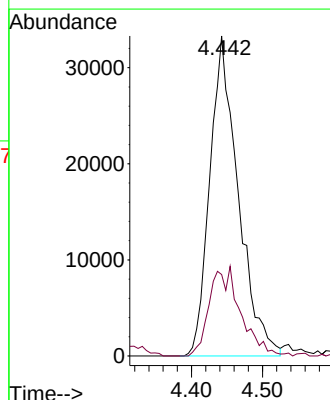
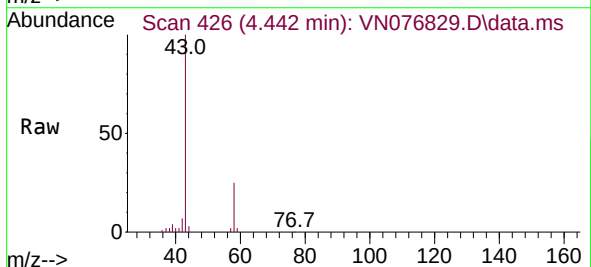
Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#01

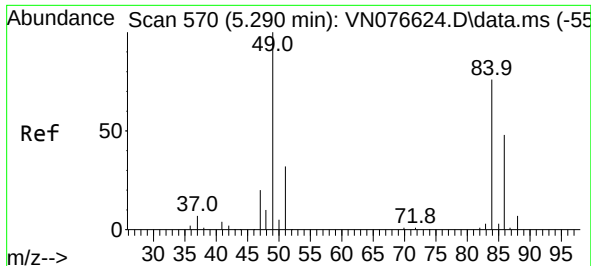
Tgt Ion:168 Resp: 330747
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#16
Acetone
Concen: 45.356 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion: 43 Resp: 92531
Ion Ratio Lower Upper
43 100
58 25.4 25.9 38.9#

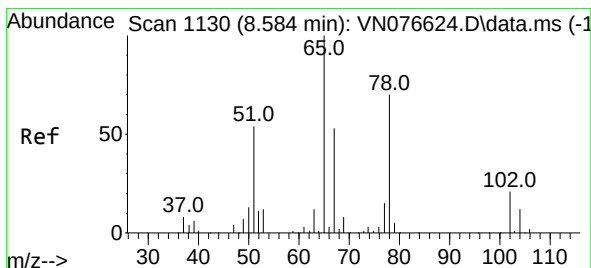
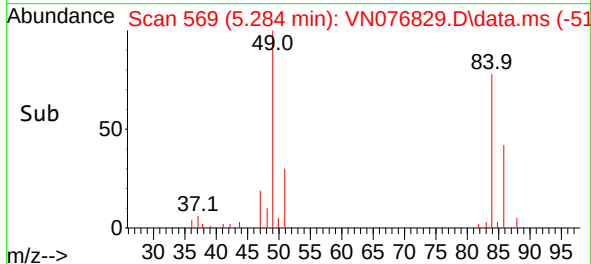
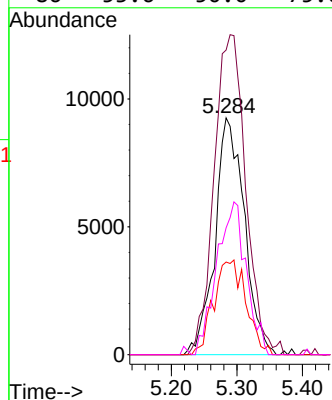
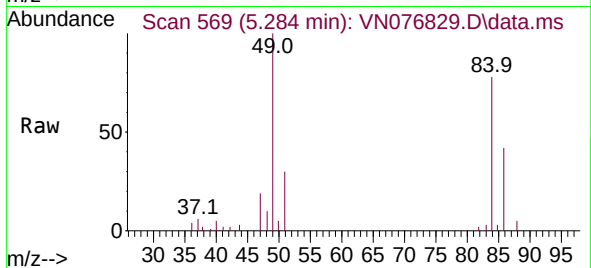




#20
Methylene Chloride
Concen: 6.723 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

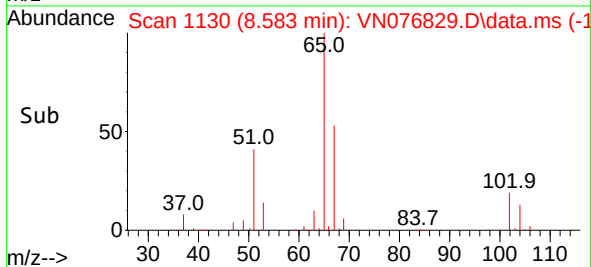
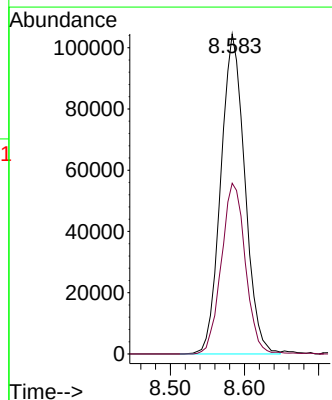
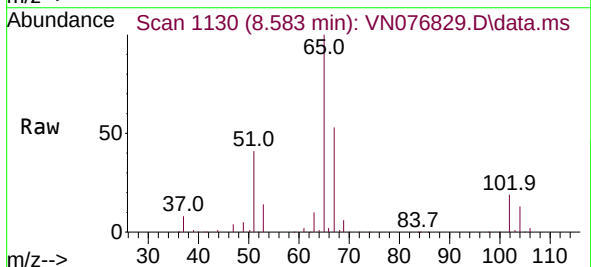
Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#01

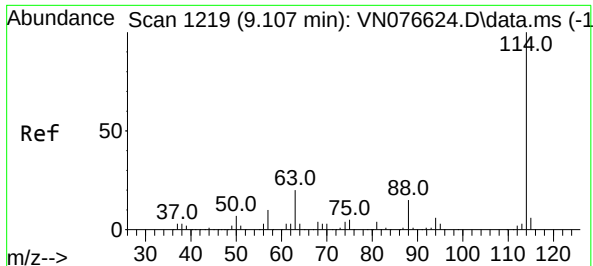
Tgt Ion:	84	Resp:	28747
Ion	Ratio	Lower	Upper
84	100		
49	128.6	104.9	157.3
51	39.1	33.8	50.8
86	53.6	50.0	75.0



#33
1,2-Dichloroethane-d4
Concen: 51.398 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion:	65	Resp:	234739
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.6

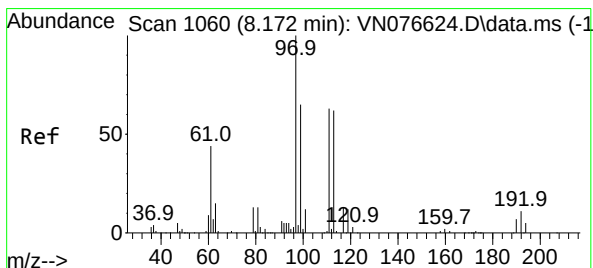
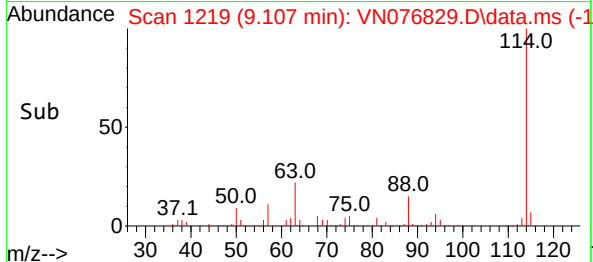
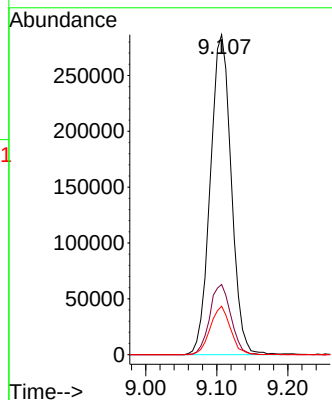
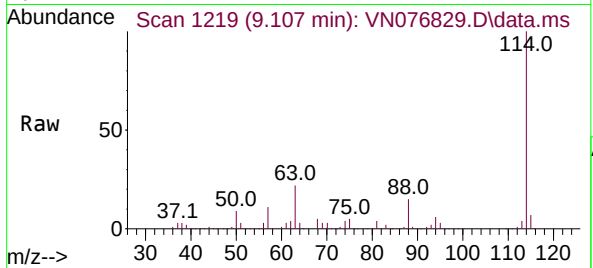




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

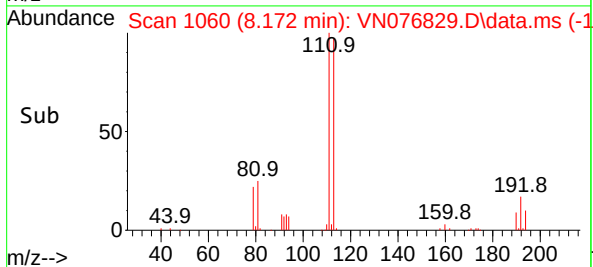
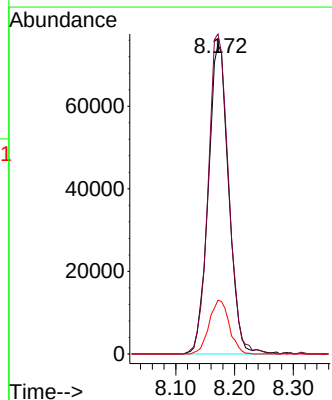
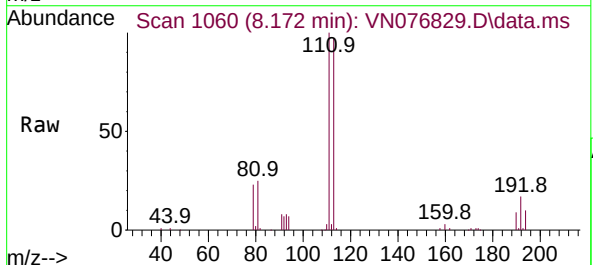
Instrument :
MSVOA_N
ClientSampleId :
PB151081ZHE#01

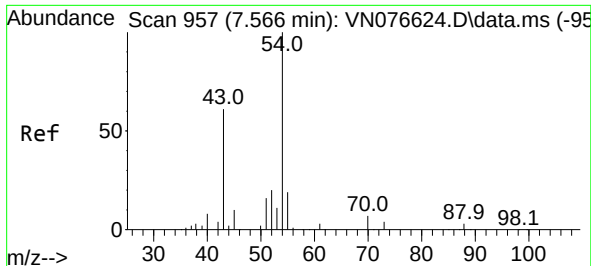
Tgt Ion:114 Resp: 586865
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 15.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.964 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion:113 Resp: 180494
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 17.1 15.6 23.4

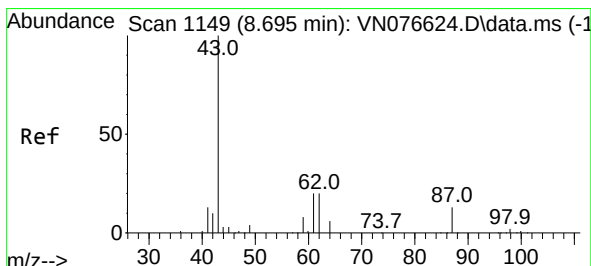
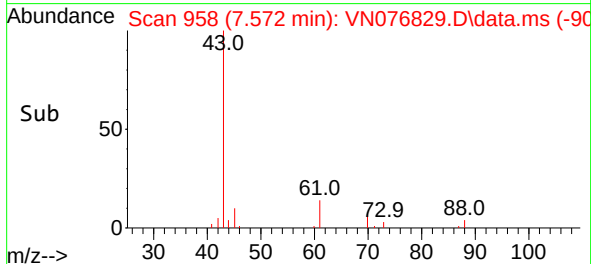
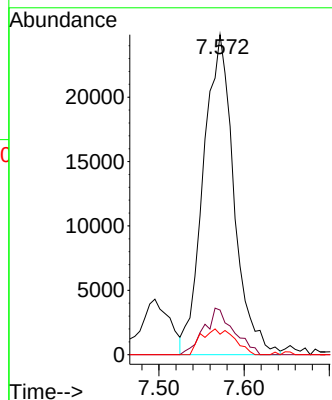
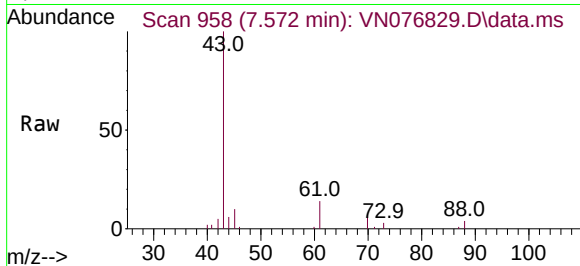




#37
Ethyl Acetate
Concen: 10.591 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

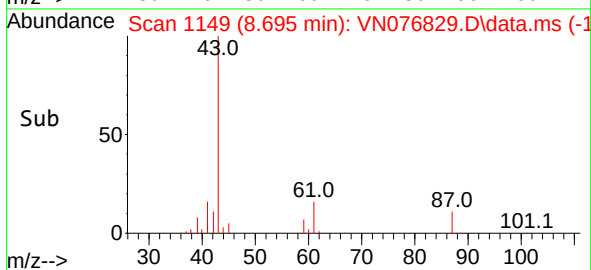
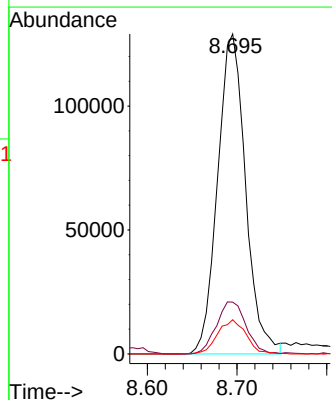
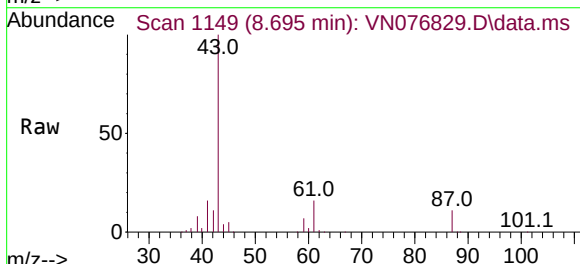
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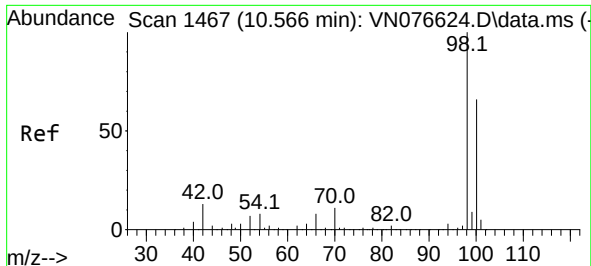
Tgt Ion: 43 Resp: 61879
Ion Ratio Lower Upper
43 100
61 14.1 9.9 14.9
70 8.7 7.8 11.6



#43
Isopropyl Acetate
Concen: 29.369 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion: 43 Resp: 279209
Ion Ratio Lower Upper
43 100
61 17.3 20.0 30.0#
87 10.9 9.9 14.9

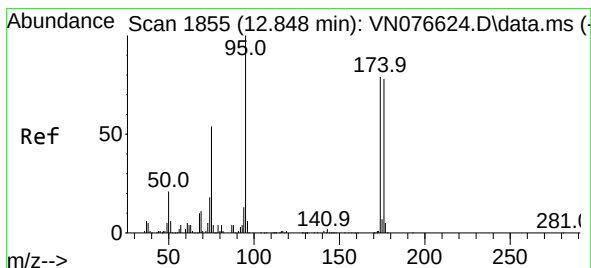
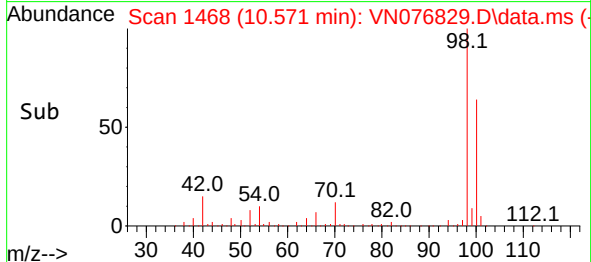
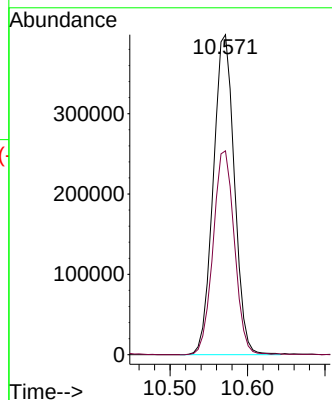
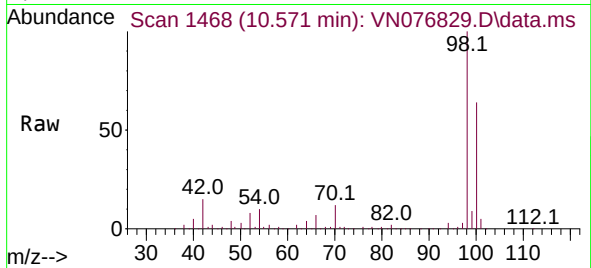




#50
Toluene-d8
Concen: 52.513 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

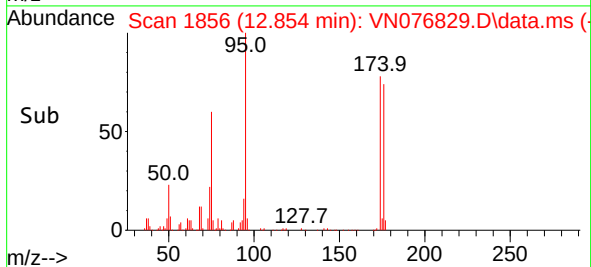
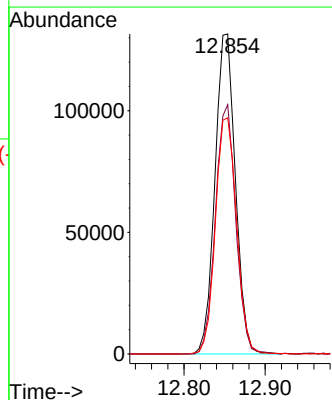
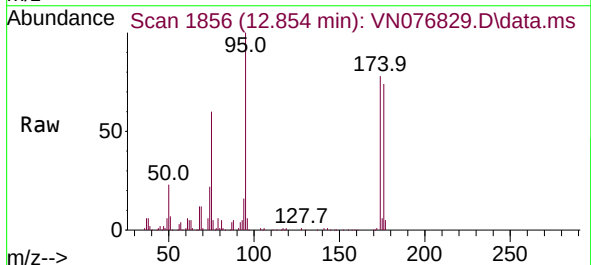
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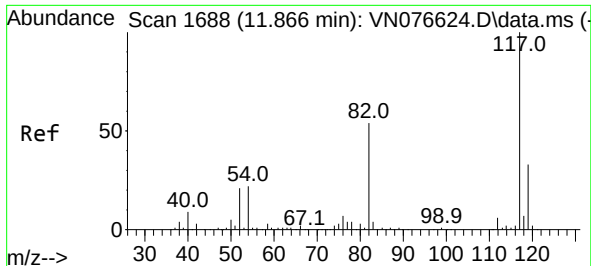
Tgt Ion: 98 Resp: 753715
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.508 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion: 95 Resp: 230592
Ion Ratio Lower Upper
95 100
174 77.4 0.0 169.2
176 76.4 0.0 163.4

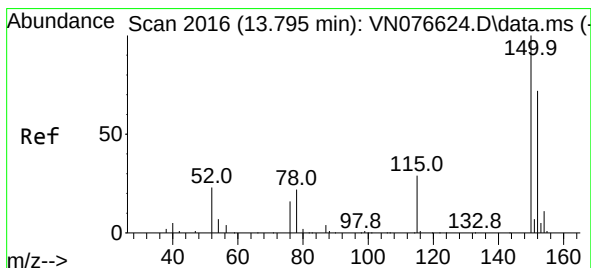
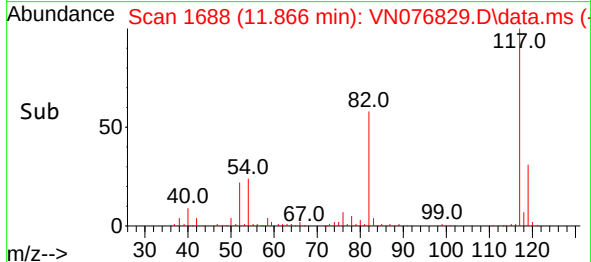
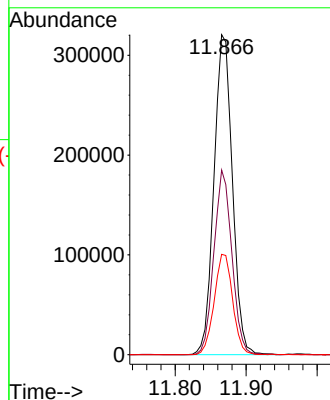
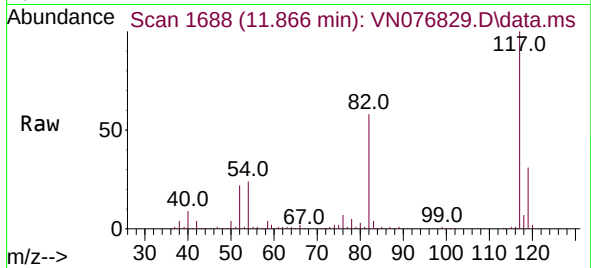




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Instrument :
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Tgt Ion:117 Resp: 576380
Ion Ratio Lower Upper
117 100
82 57.7 43.4 65.2
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076829.D
Acq: 28 Feb 2023 15:46

Tgt Ion:152 Resp: 207133
Ion Ratio Lower Upper
152 100
115 62.6 29.3 87.9
150 161.4 0.0 349.8

