

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076512.D
 Acq On : 02 Feb 2023 16:03
 Operator : JC\MD
 Sample : 01386-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-15-013123

Quant Time: Feb 03 01:01:53 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)

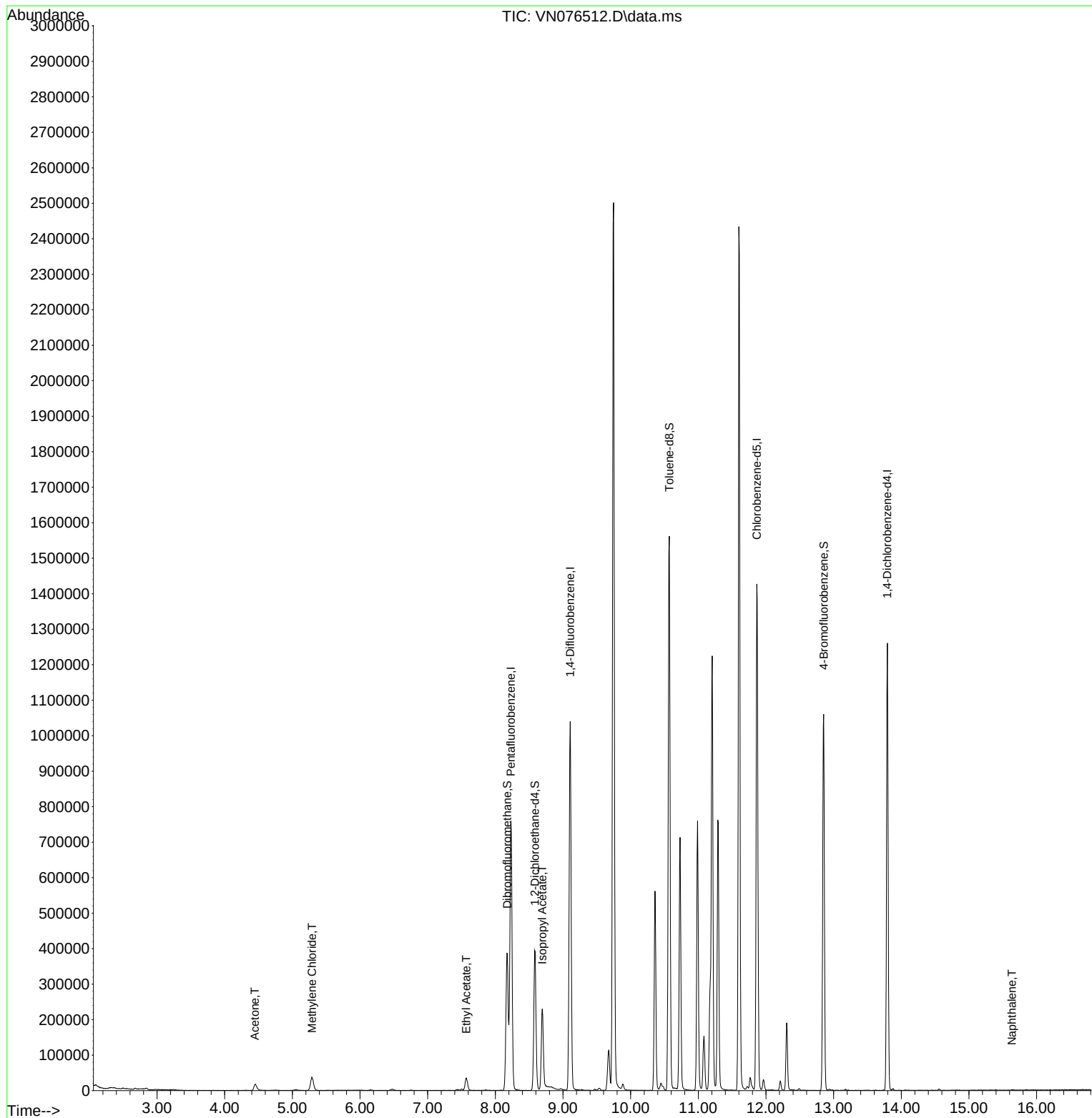
Internal Standards						
1) Pentafluorobenzene	8.230	168	567627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	938897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	865897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	343428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	336981	53.021	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.040%
35) Dibromofluoromethane	8.177	113	286600	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.571	98	1128210	52.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.853	95	382038	53.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.900%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	35727	17.467	ug/l	95
20) Methylene Chloride	5.289	84	30802	4.562	ug/l	87
37) Ethyl Acetate	7.571	43	55271	8.287	ug/l	99
43) Isopropyl Acetate	8.694	43	256267	23.533	ug/l #	89
95) Naphthalene	15.635	128	2135	1.954	ug/l #	78

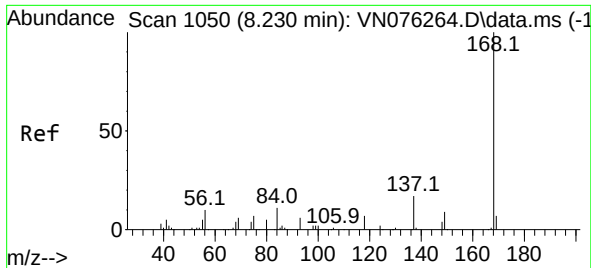
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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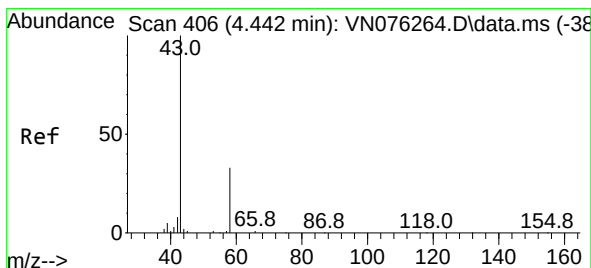
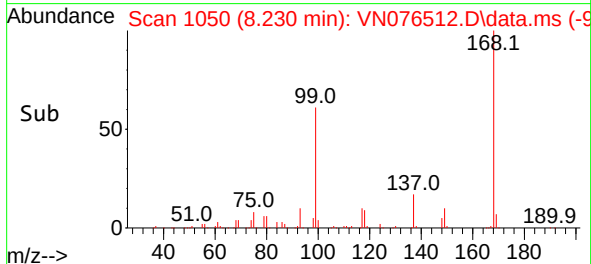
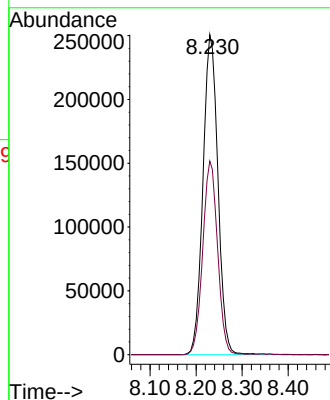
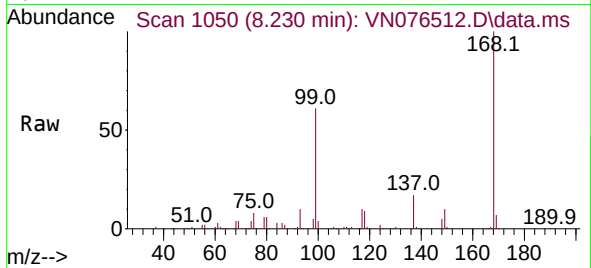




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

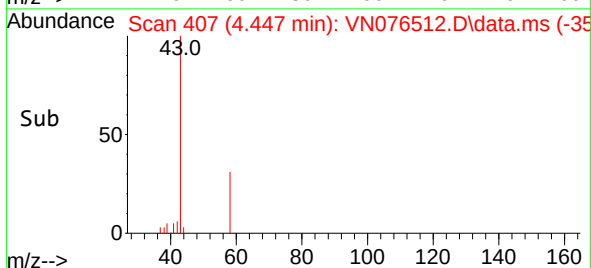
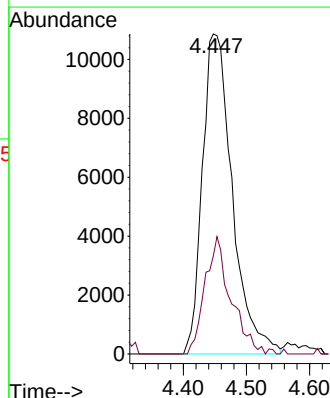
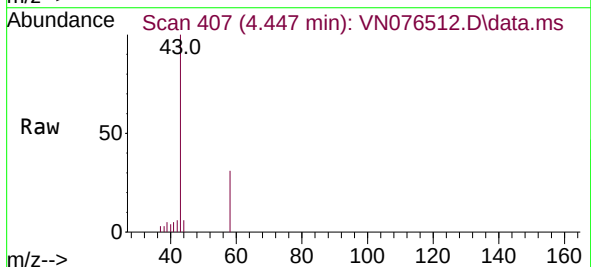
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MSVOA_N
ClientSampleId :
JPP-15-013123

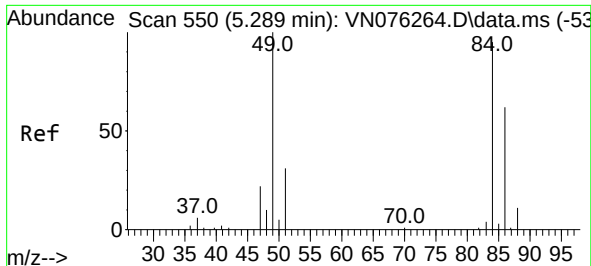
Tgt Ion:168 Resp: 567627
Ion Ratio Lower Upper
168 100
99 60.5 41.6 62.4



#16
Acetone
Concen: 17.467 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion: 43 Resp: 35727
Ion Ratio Lower Upper
43 100
58 30.6 26.7 40.1

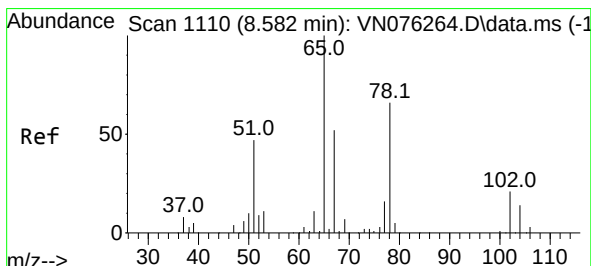
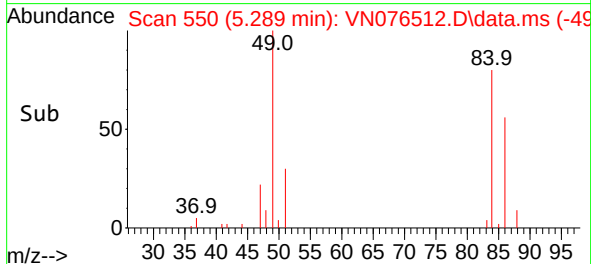
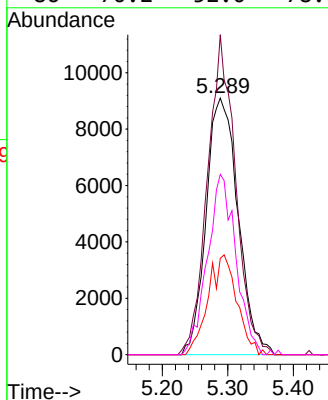
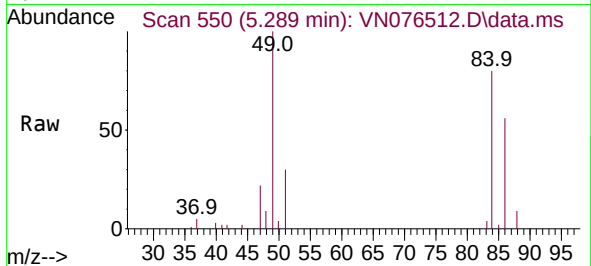




#20
Methylene Chloride
Concen: 4.562 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

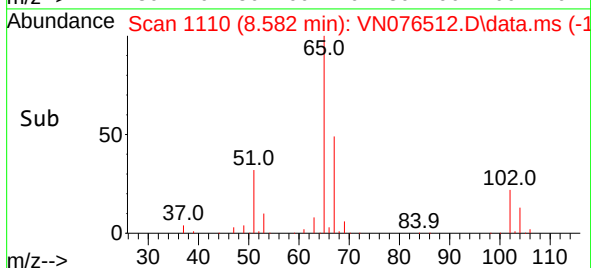
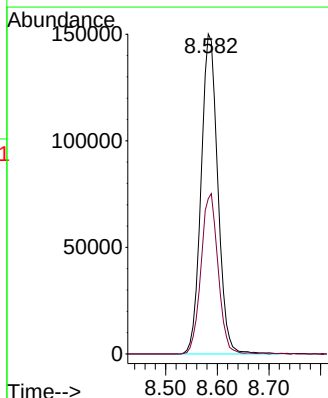
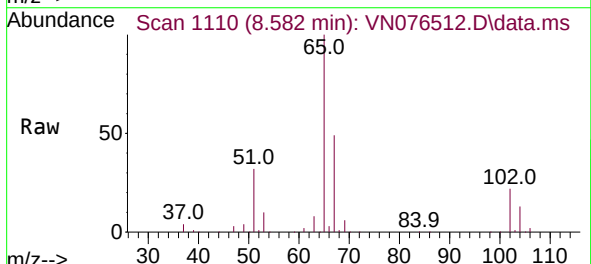
Instrument :
MSVOA_N
ClientSampleId :
JPP-15-013123

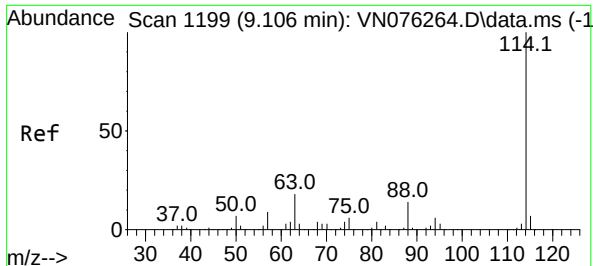
Tgt Ion:	84	Resp:	30802
Ion	Ratio	Lower	Upper
84	100		
49	124.7	84.5	126.7
51	37.5	26.0	39.0
86	70.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 53.021 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion:	65	Resp:	336981
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.6

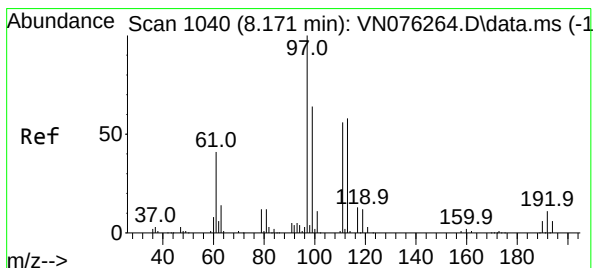
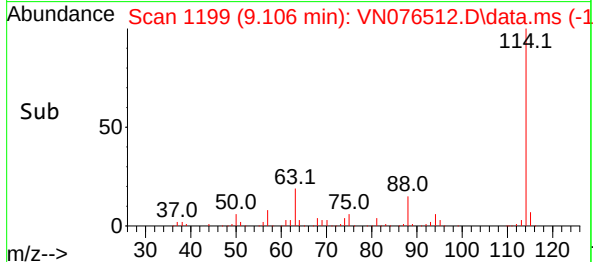
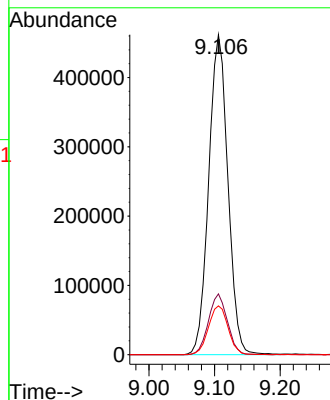
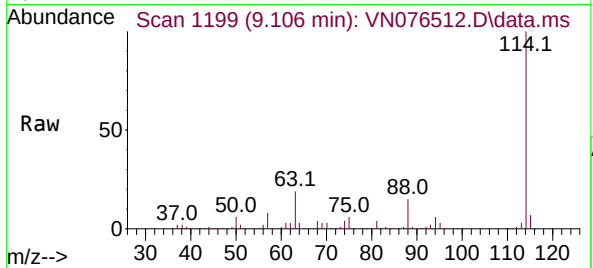




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

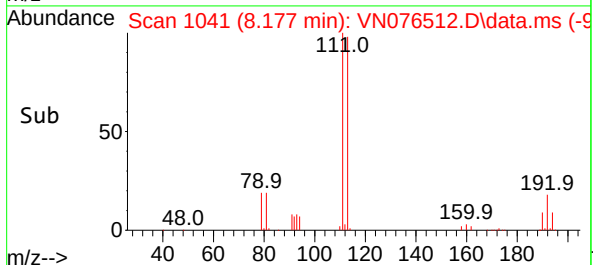
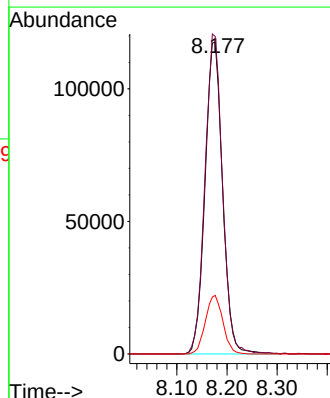
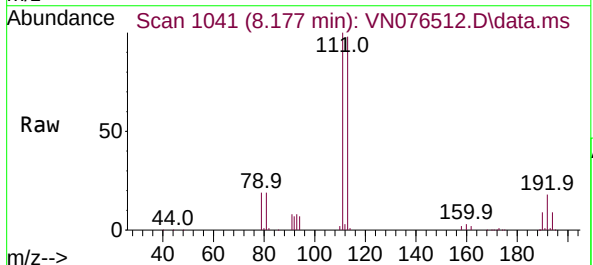
Instrument :
MSVOA_N
ClientSampleId :
JPP-15-013123

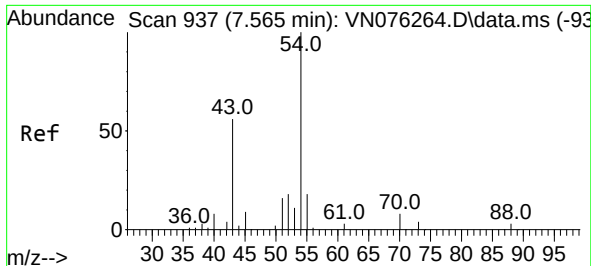
Tgt Ion:114 Resp: 938897
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.8
88 15.2 0.0 28.0



#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion:113 Resp: 286600
Ion Ratio Lower Upper
113 100
111 102.5 82.7 124.1
192 18.6 15.6 23.4

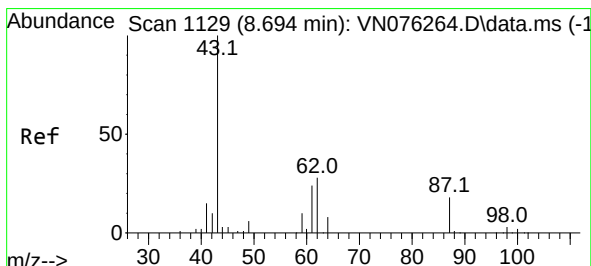
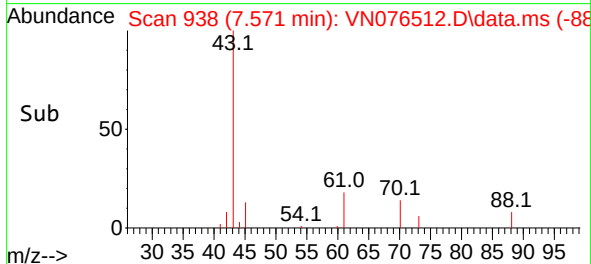
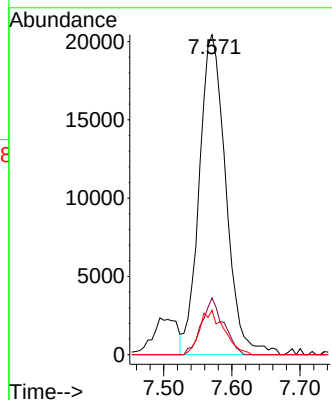
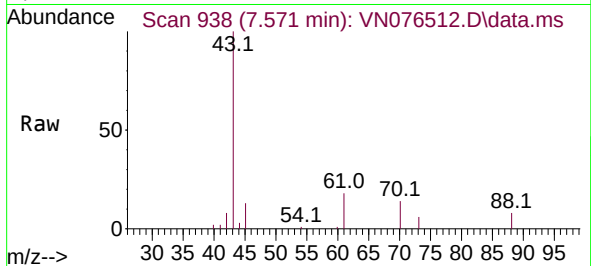




#37
Ethyl Acetate
Concen: 8.287 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

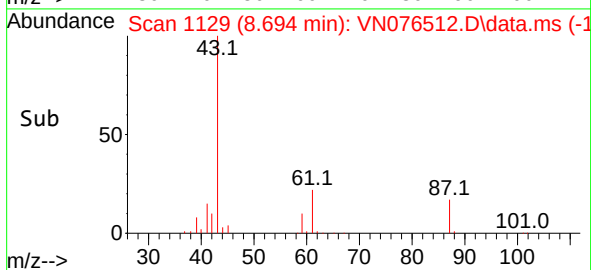
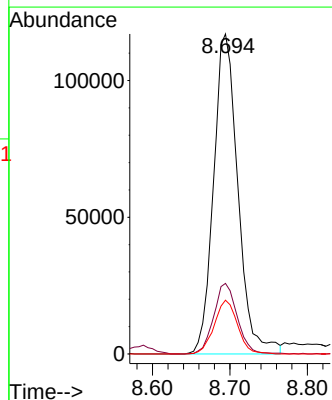
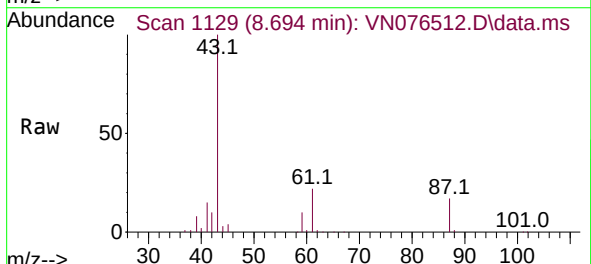
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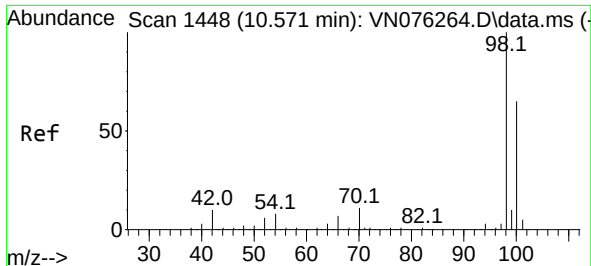
Tgt Ion: 43 Resp: 55271
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 12.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 23.533 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion: 43 Resp: 256267
Ion Ratio Lower Upper
43 100
61 21.3 23.5 35.3#
87 16.0 13.8 20.6

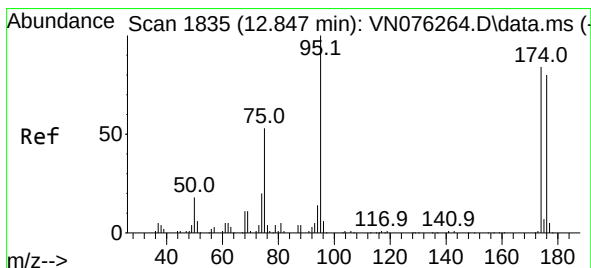
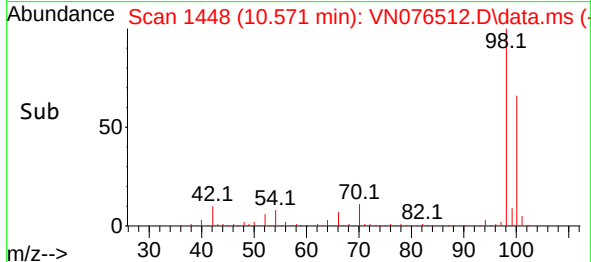
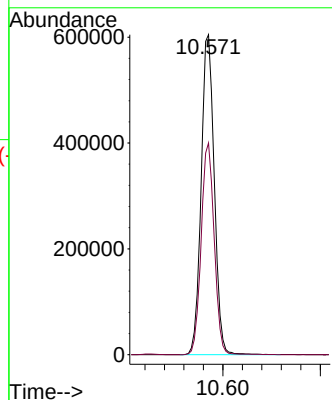
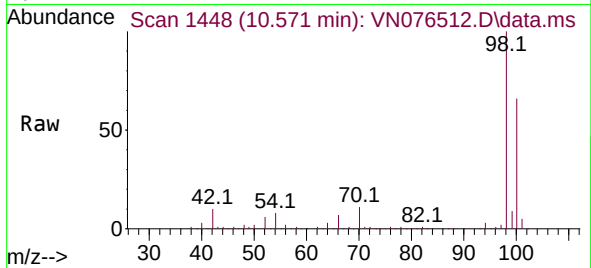




#50
Toluene-d8
Concen: 52.014 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

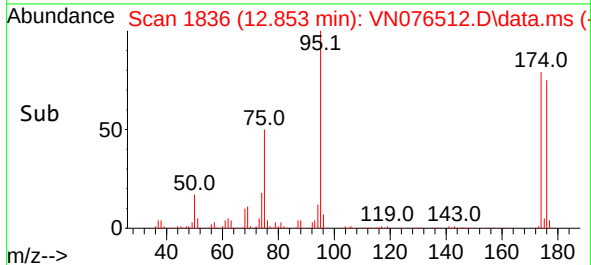
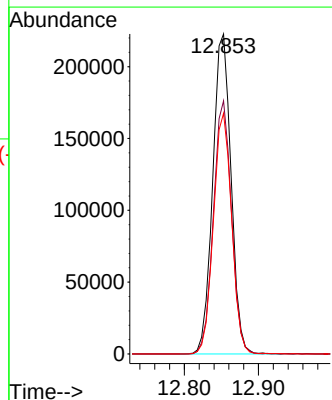
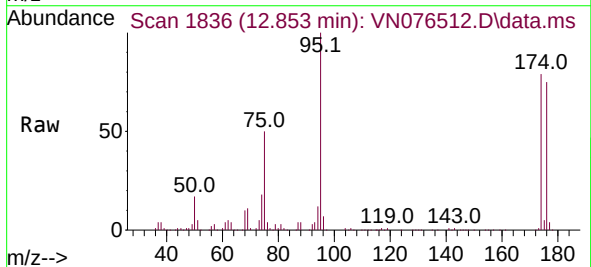
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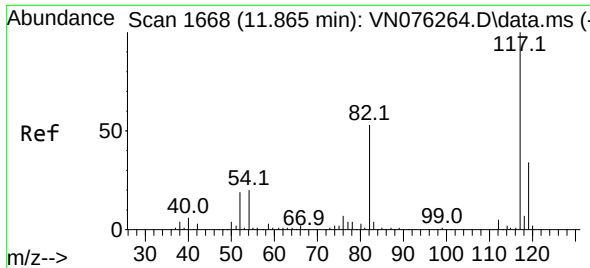
Tgt Ion: 98 Resp: 1128210
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.953 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion: 95 Resp: 382038
Ion Ratio Lower Upper
95 100
174 78.1 0.0 174.6
176 74.9 0.0 167.8

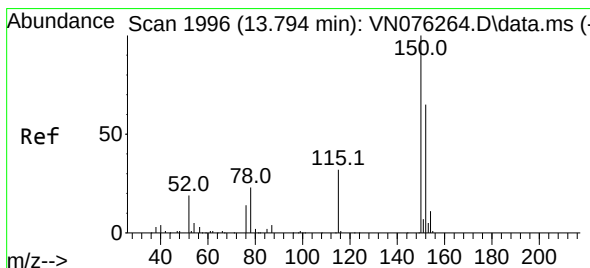
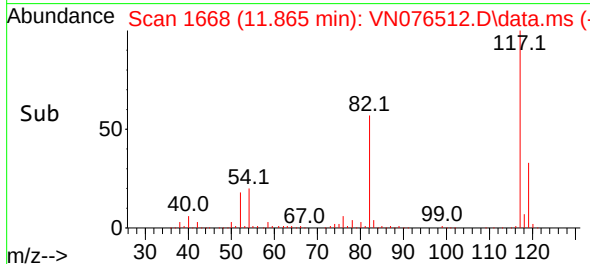
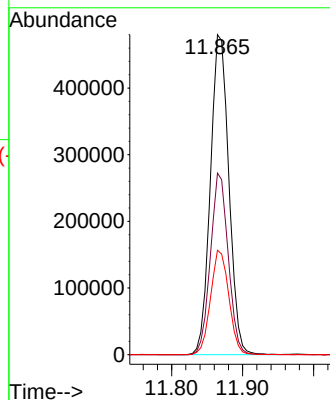
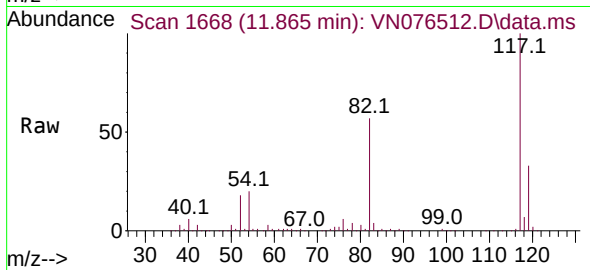




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

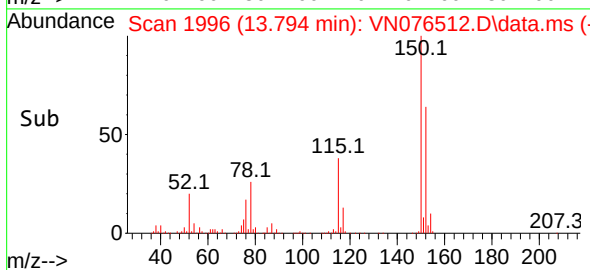
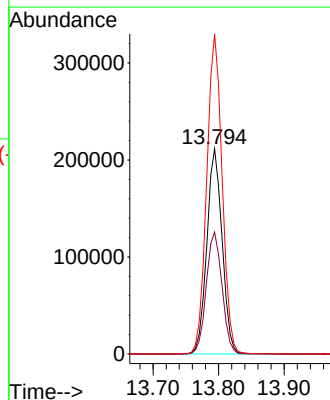
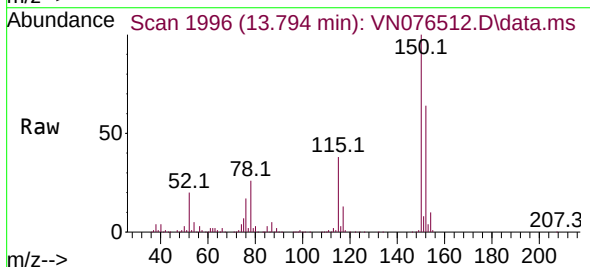
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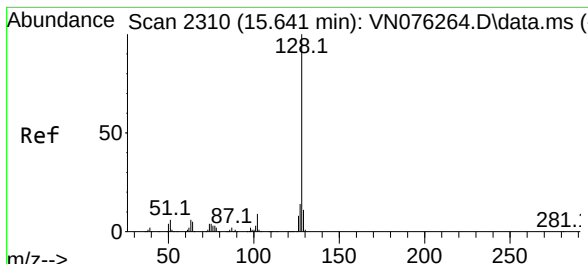
Tgt Ion:117 Resp: 865897
Ion Ratio Lower Upper
117 100
82 56.8 42.2 63.2
119 32.7 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076512.D
Acq: 02 Feb 2023 16:03

Tgt Ion:152 Resp: 343428
Ion Ratio Lower Upper
152 100
115 61.0 29.6 88.9
150 157.3 0.0 351.4





#95
 Naphthalene
 Concen: 1.954 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN076512.D
 Acq: 02 Feb 2023 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-15-013123

Tgt Ion:	128	Resp:	2135
Ion	Ratio	Lower	Upper
128	100		
127	6.2	10.3	15.5#
129	0.0	8.6	13.0#

