

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077300.D
 Acq On : 11 Apr 2023 13:23
 Operator : JC\MD
 Sample : 02262-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-2-040723

Quant Time: Apr 12 04:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

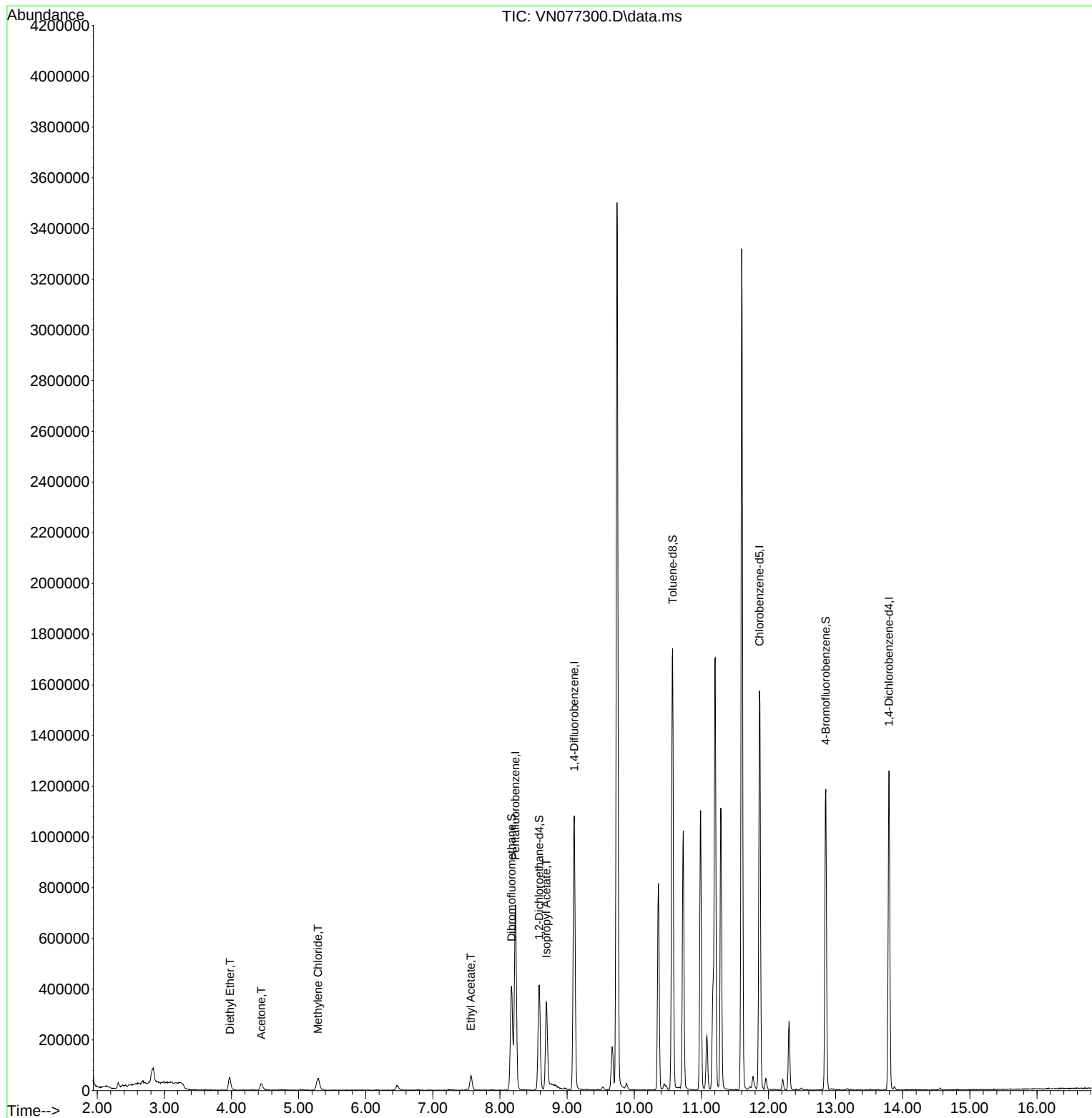
Internal Standards						
1) Pentafluorobenzene	8.230	168	522605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	995946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	940536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	335830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	325891	45.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.260%		
35) Dibromofluoromethane	8.172	113	301423	47.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	10.571	98	1254747	48.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.780%		
62) 4-Bromofluorobenzene	12.854	95	421205	49.342	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.978	74	34146	8.385	ug/l	95
16) Acetone	4.442	43	47577	18.066	ug/l #	88
20) Methylene Chloride	5.289	84	43300	5.822	ug/l #	89
37) Ethyl Acetate	7.566	43	85915	10.183	ug/l	98
43) Isopropyl Acetate	8.689	43	402325	25.843	ug/l #	90

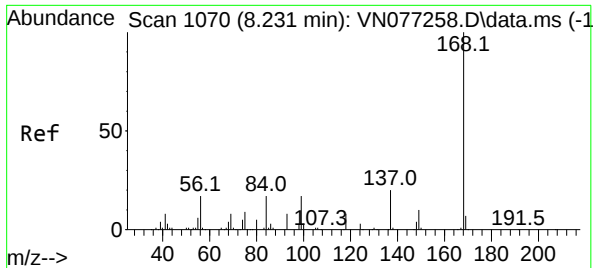
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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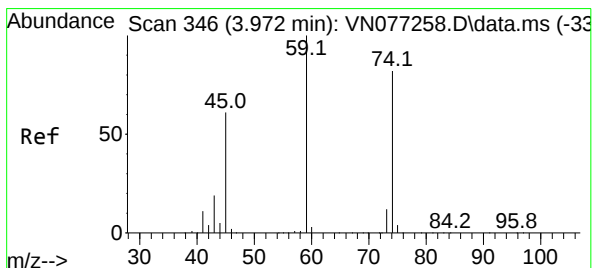
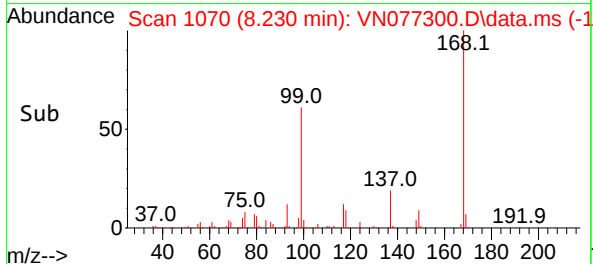
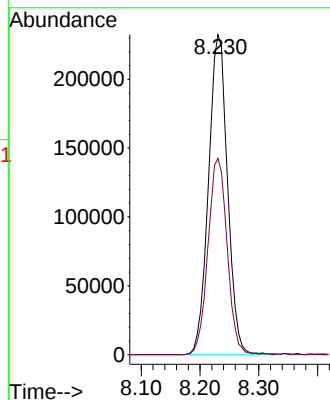
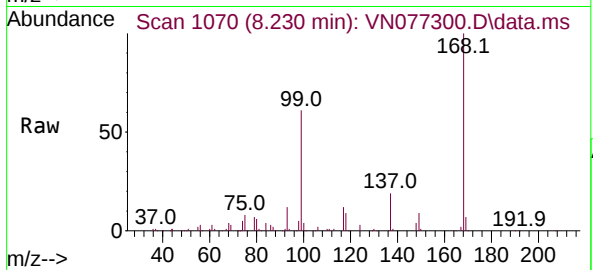




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

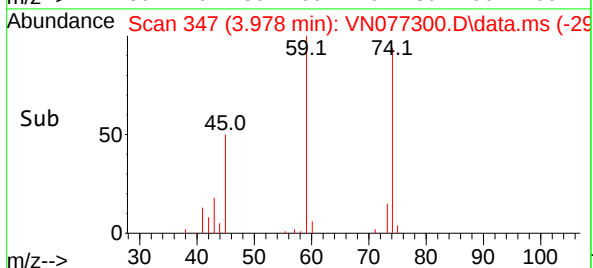
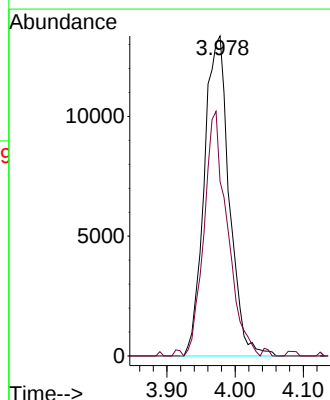
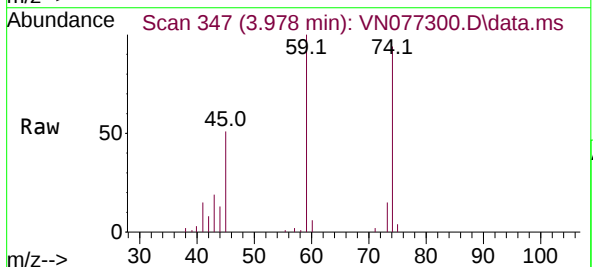
Instrument :
MSVOA_N
ClientSampleId :
JPP-2-040723

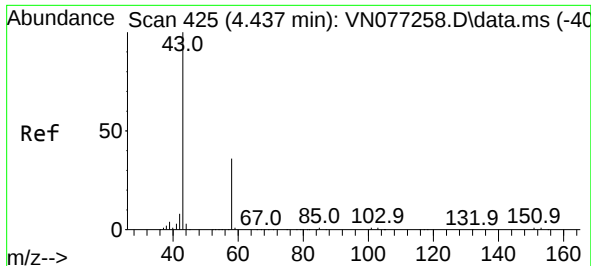
Tgt Ion:168 Resp: 522605
Ion Ratio Lower Upper
168 100
99 61.4 50.6 75.8



#8
Diethyl Ether
Concen: 8.385 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

Tgt Ion: 74 Resp: 34146
Ion Ratio Lower Upper
74 100
45 71.1 37.8 113.4

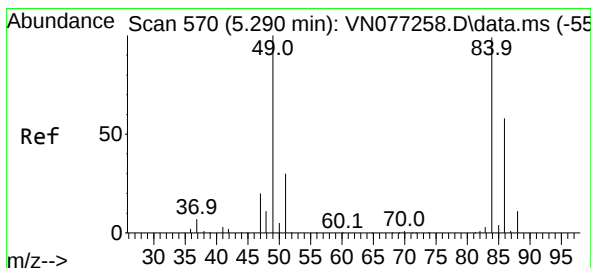
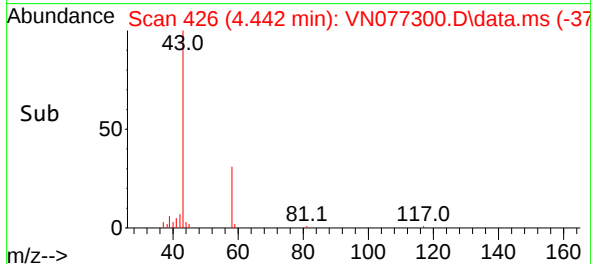
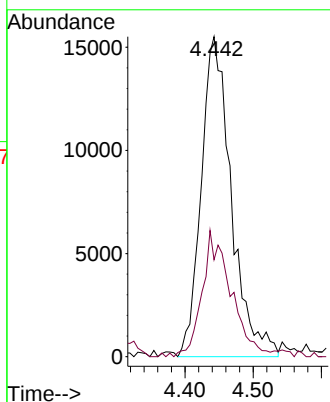
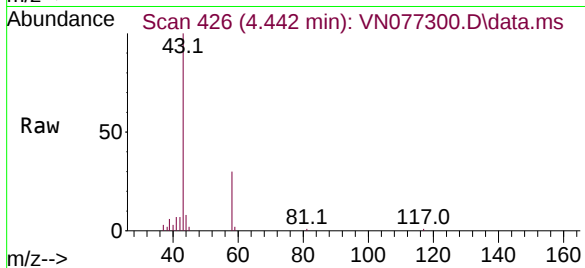




#16
Acetone
Concen: 18.066 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

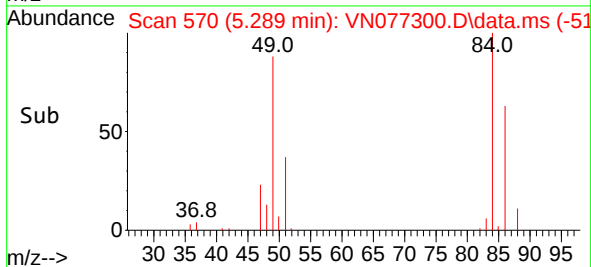
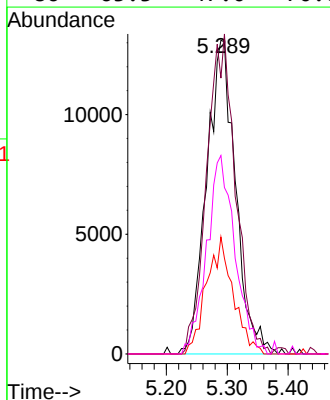
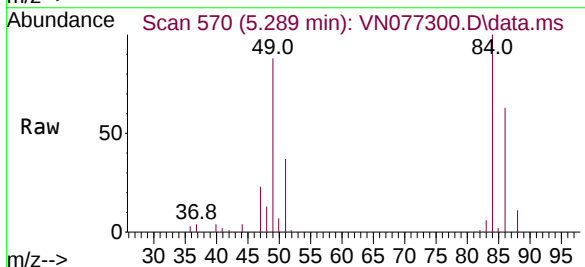
Instrument :
MSVOA_N
ClientSampleId :
JPP-2-040723

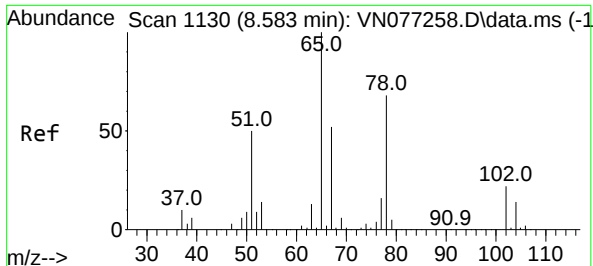
Tgt Ion: 43 Resp: 47577
Ion Ratio Lower Upper
43 100
58 29.0 29.0 43.6#



#20
Methylene Chloride
Concen: 5.822 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.001 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

Tgt Ion: 84 Resp: 43300
Ion Ratio Lower Upper
84 100
49 88.0 80.6 121.0
51 37.3 24.4 36.6#
86 63.3 47.0 70.6

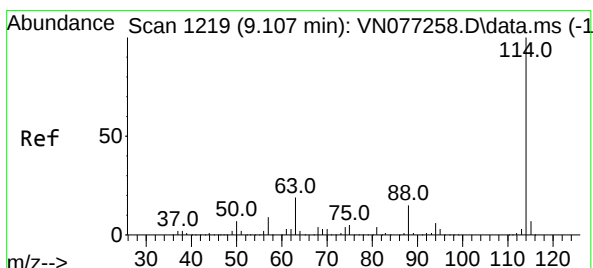
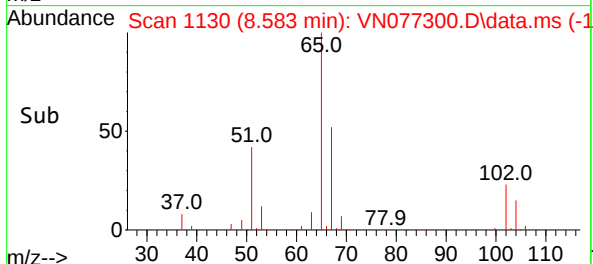
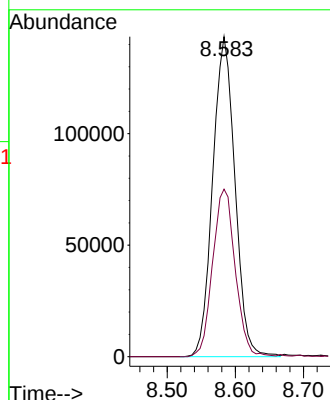
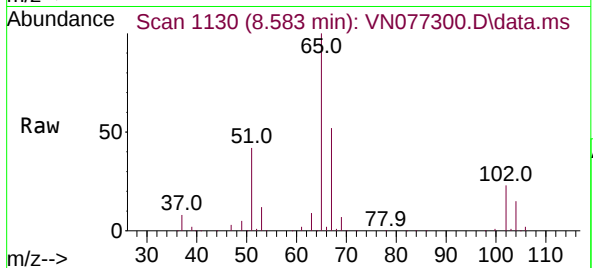




#33
 1,2-Dichloroethane-d4
 Concen: 45.626 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077300.D
 Acq: 11 Apr 2023 13:23

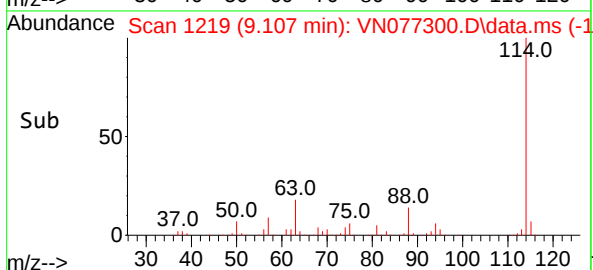
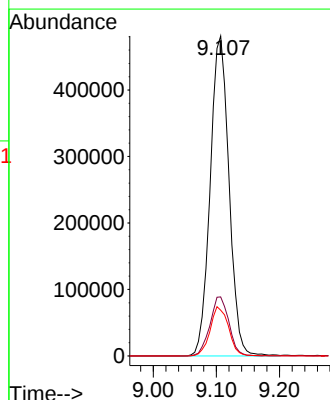
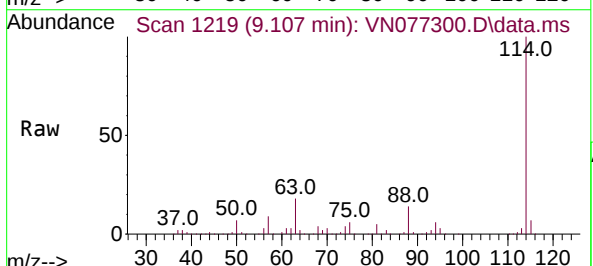
Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-2-040723

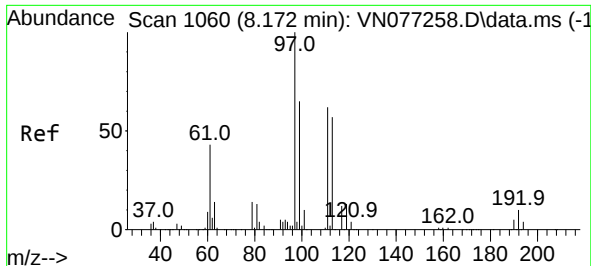
Tgt Ion: 65 Resp: 325891
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077300.D
 Acq: 11 Apr 2023 13:23

Tgt Ion: 114 Resp: 995946
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.8
 88 14.3 0.0 29.4

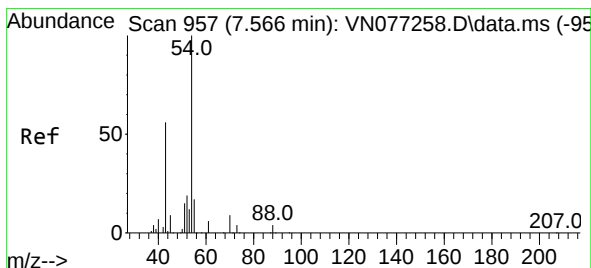
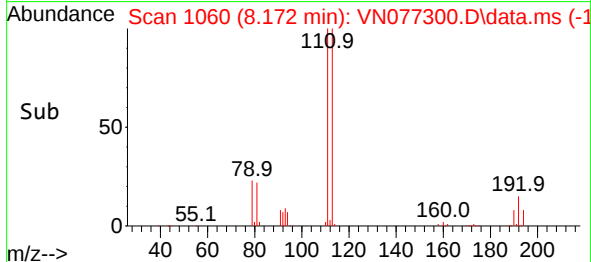
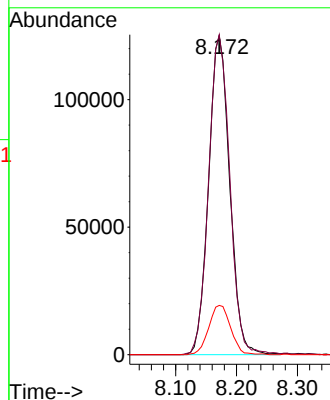
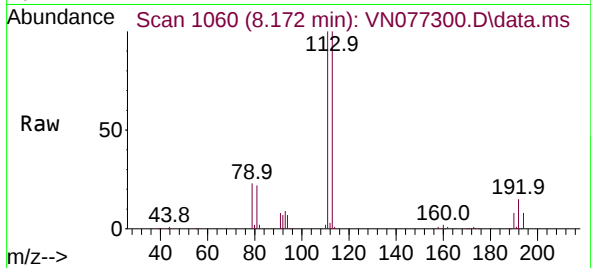




#35
Dibromofluoromethane
Concen: 47.277 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

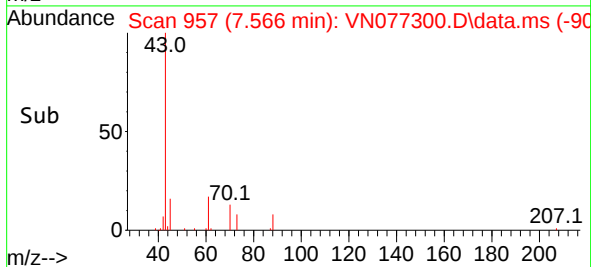
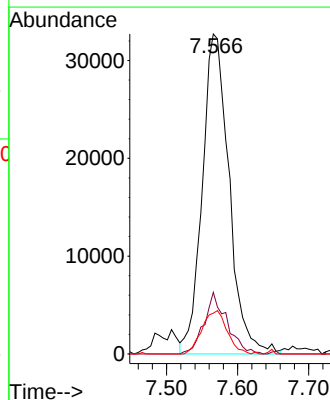
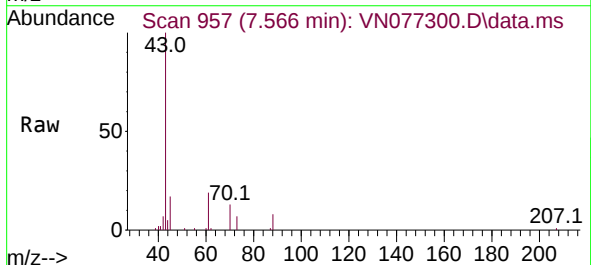
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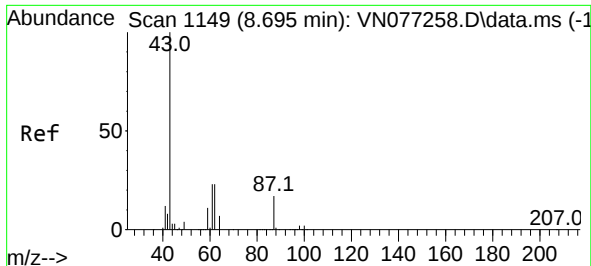
Tgt Ion:113 Resp: 301423
Ion Ratio Lower Upper
113 100
111 100.6 83.4 125.0
192 16.0 13.5 20.3



#37
Ethyl Acetate
Concen: 10.183 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

Tgt Ion: 43 Resp: 85915
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.2
70 12.8 10.0 15.0

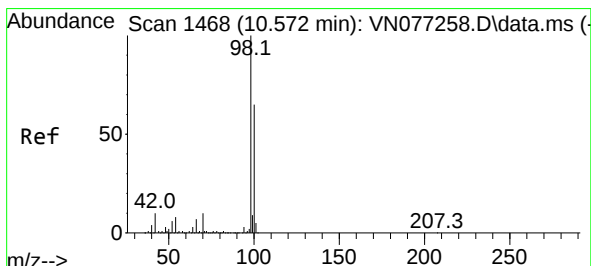
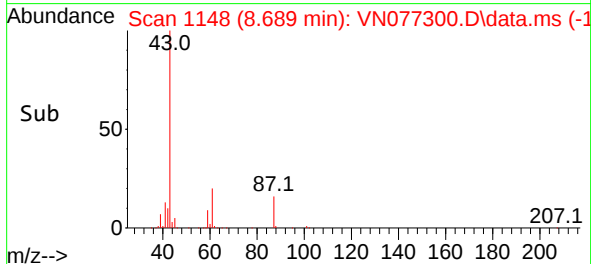
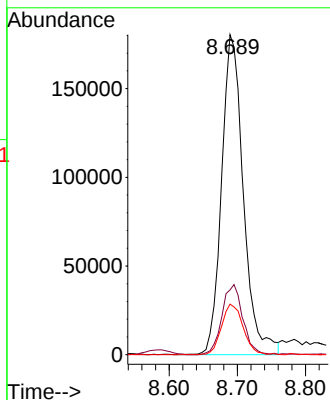
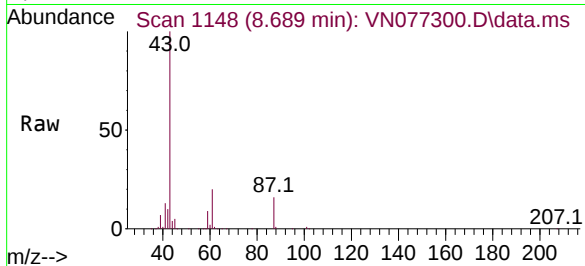




#43
Isopropyl Acetate
Concen: 25.843 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

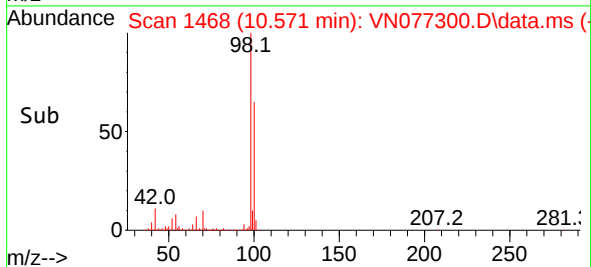
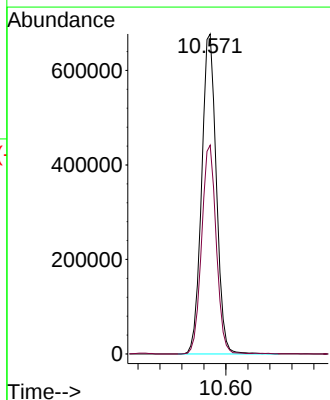
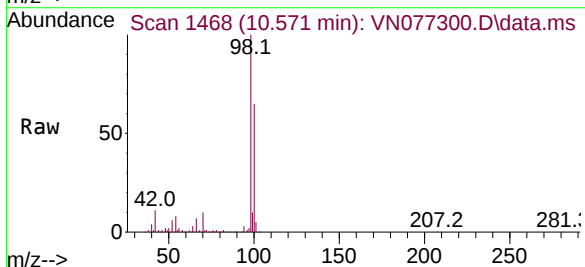
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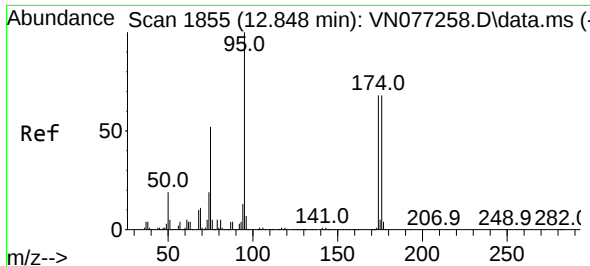
Tgt Ion: 43 Resp: 402325
Ion Ratio Lower Upper
43 100
61 20.9 22.7 34.1#
87 15.6 13.6 20.4



#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

Tgt Ion: 98 Resp: 1254747
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9

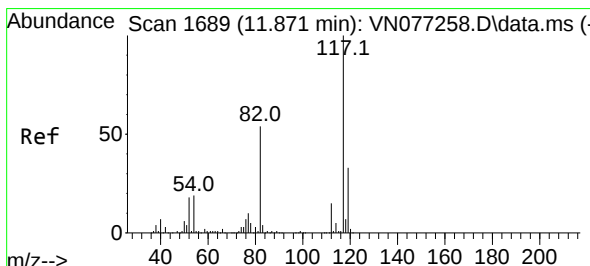
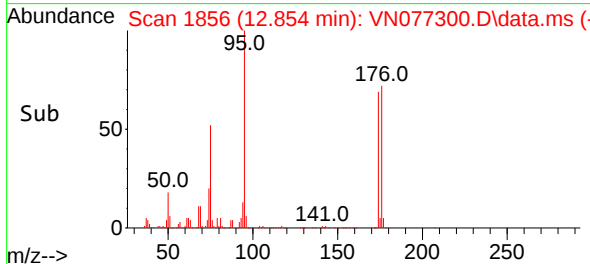
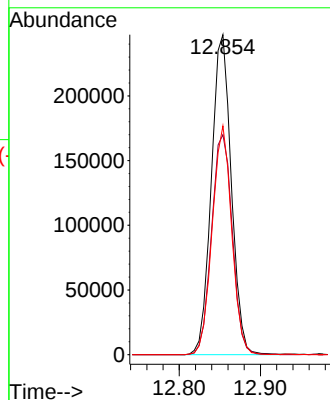
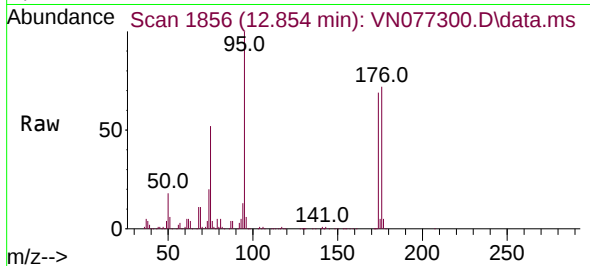




#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

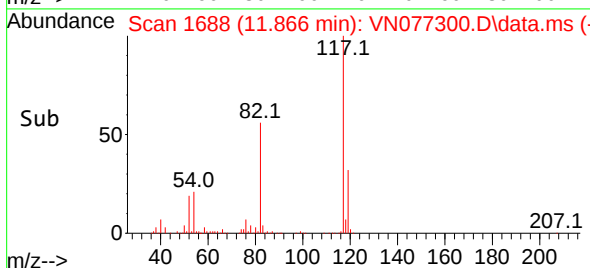
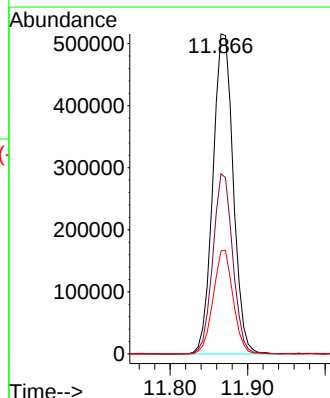
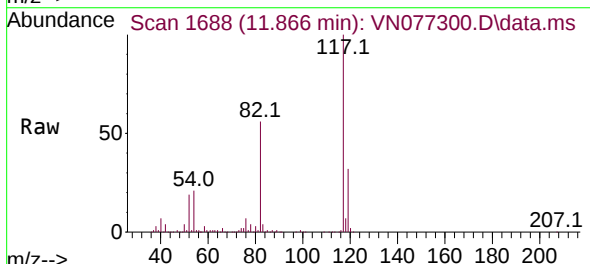
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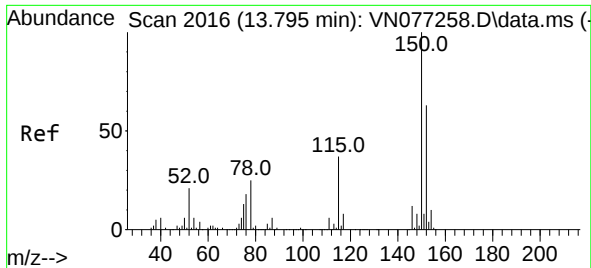
Tgt Ion: 95 Resp: 421205
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.8
176 70.1 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077300.D
Acq: 11 Apr 2023 13:23

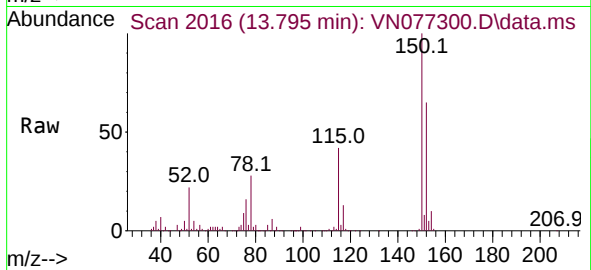
Tgt Ion: 117 Resp: 940536
Ion Ratio Lower Upper
117 100
82 56.3 42.9 64.3
119 32.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077300.D
 Acq: 11 Apr 2023 13:23

Instrument :
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Tgt Ion:152 Resp: 335830
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.1 96.3
 150 154.5 0.0 354.8

