

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077297.D
 Acq On : 11 Apr 2023 12:11
 Operator : JC\MD
 Sample : PB151999ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151999ZHE#01

Quant Time: Apr 12 04:39:22 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)

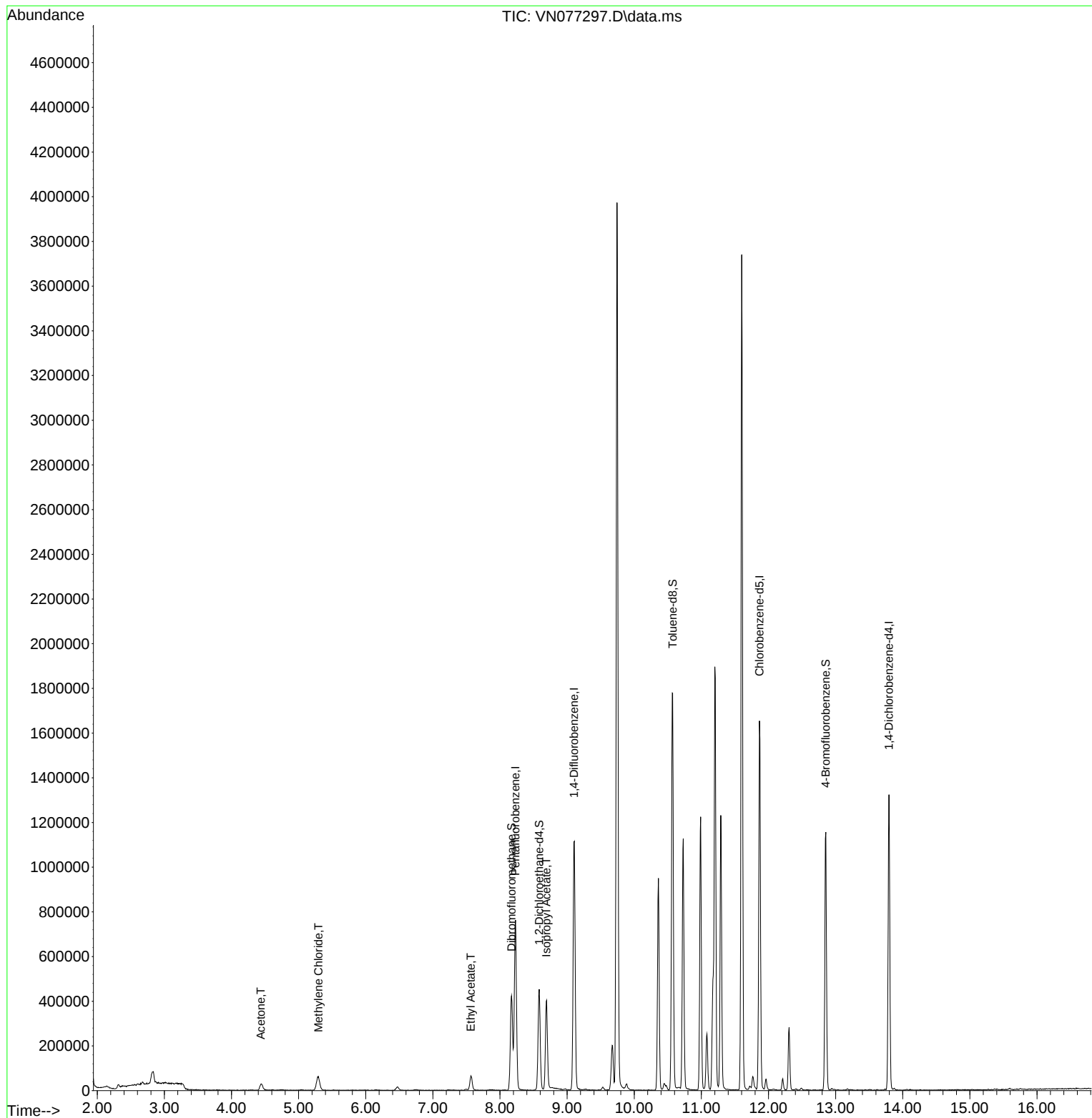
Internal Standards						
1) Pentafluorobenzene	8.231	168	545158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1042120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	970233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	349943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	346932	46.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.120%
35) Dibromofluoromethane	8.172	113	308140	46.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	10.572	98	1303401	48.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.854	95	409947	45.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.800%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	55716	20.281	ug/l	95
20) Methylene Chloride	5.296	84	54728	7.054	ug/l	97
37) Ethyl Acetate	7.566	43	92361	10.462	ug/l	95
43) Isopropyl Acetate	8.689	43	445567	27.352	ug/l #	92

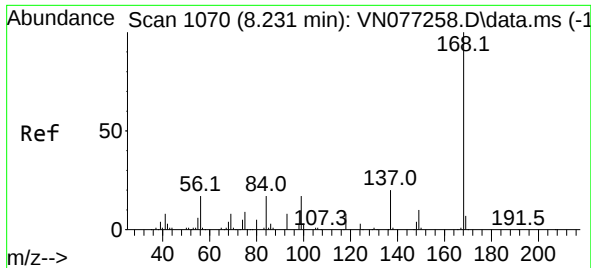
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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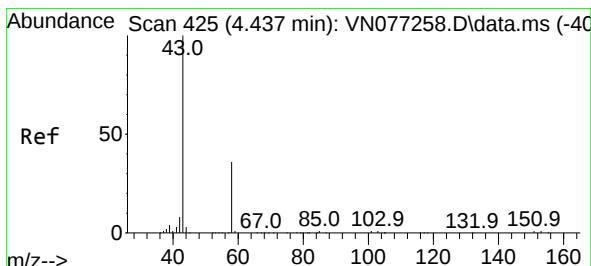
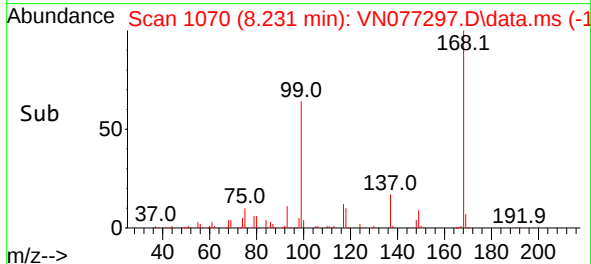
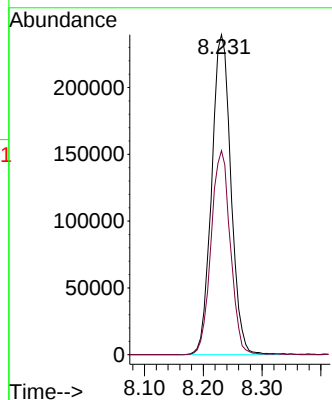
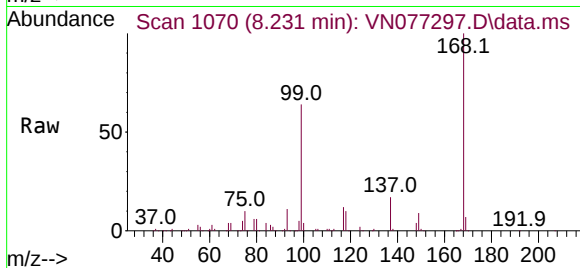




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

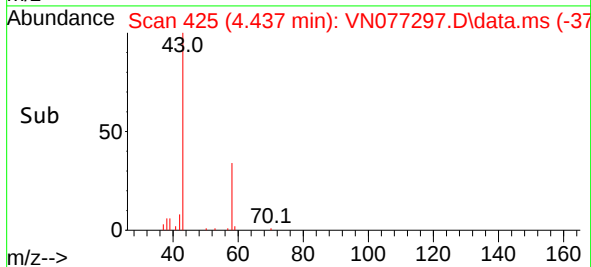
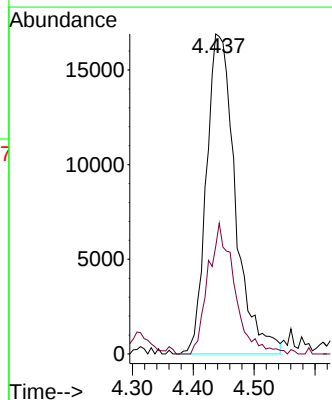
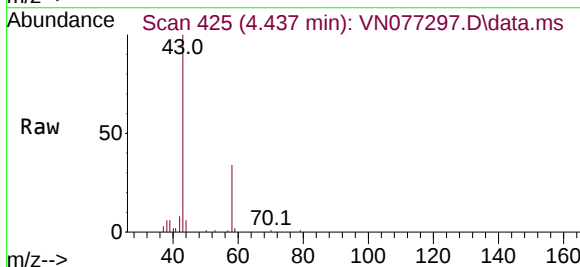
Instrument :
MSVOA_N
ClientSampleId :
PB151999ZHE#01

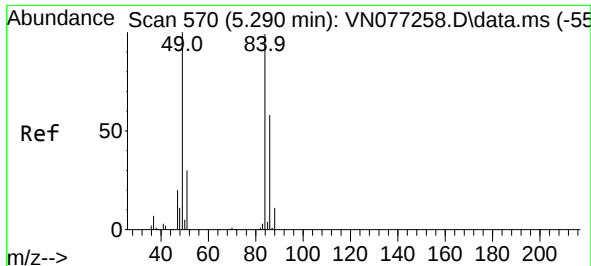
Tgt Ion:168 Resp: 545158
Ion Ratio Lower Upper
168 100
99 63.8 50.6 75.8



#16
Acetone
Concen: 20.281 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

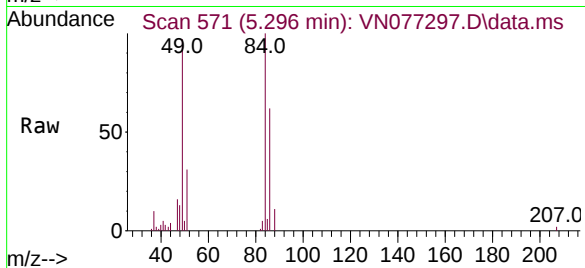
Tgt Ion: 43 Resp: 55716
Ion Ratio Lower Upper
43 100
58 33.6 29.0 43.6





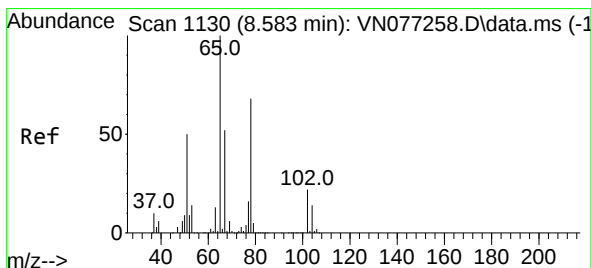
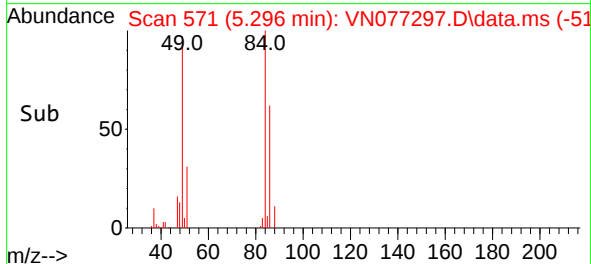
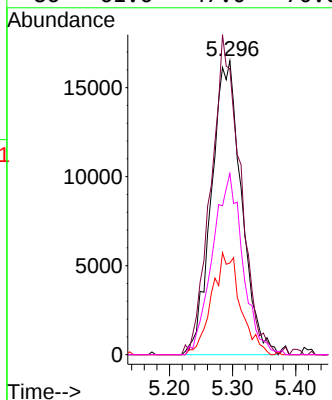
#20
Methylene Chloride
Concen: 7.054 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Instrument :
MSVOA_N
ClientSampleId :
PB151999ZHE#01



Tgt Ion: 84 Resp: 54728

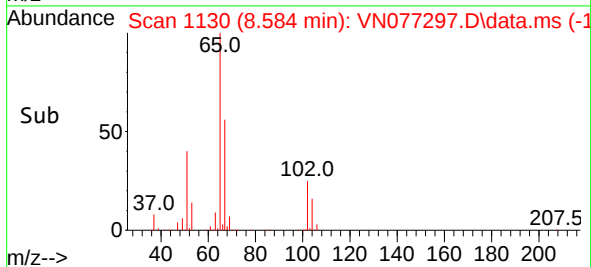
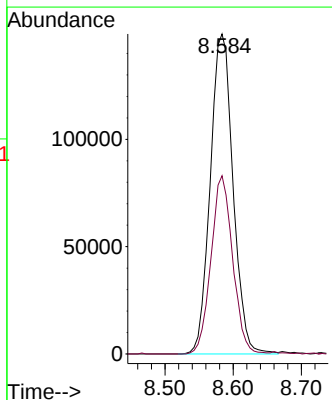
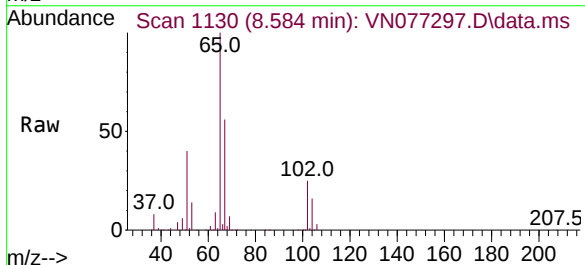
Ion	Ratio	Lower	Upper
84	100		
49	97.2	80.6	121.0
51	31.2	24.4	36.6
86	61.6	47.0	70.6

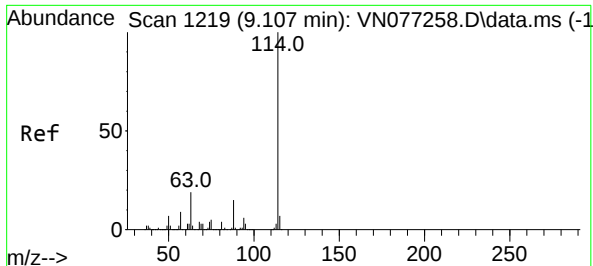


#33
1,2-Dichloroethane-d4
Concen: 46.563 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Tgt Ion: 65 Resp: 346932

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077297.D

Acq: 11 Apr 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

PB151999ZHE#01

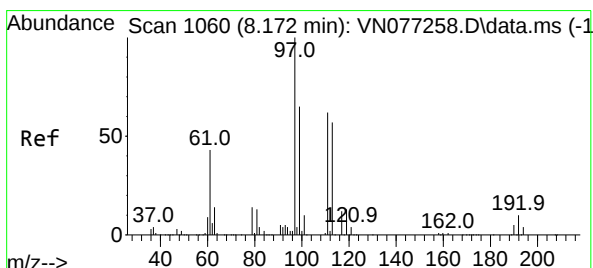
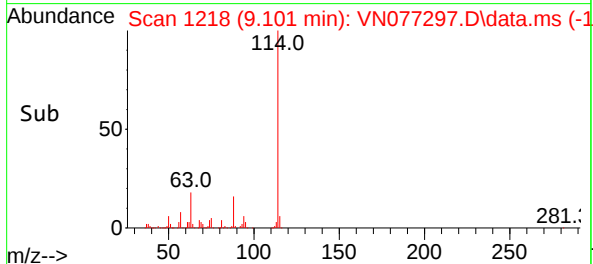
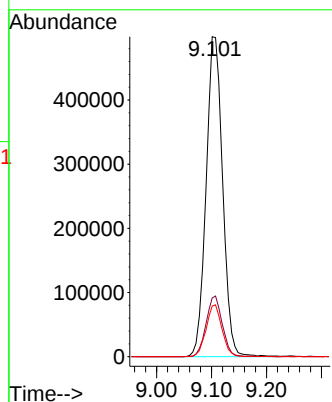
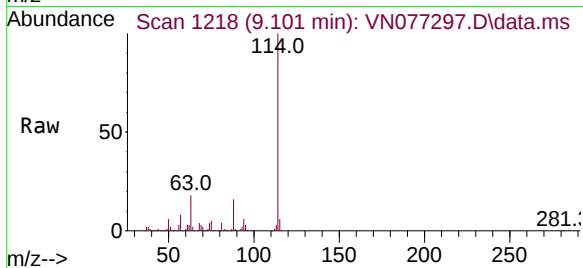
Tgt Ion:114 Resp: 1042120

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.189 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077297.D

Acq: 11 Apr 2023 12:11

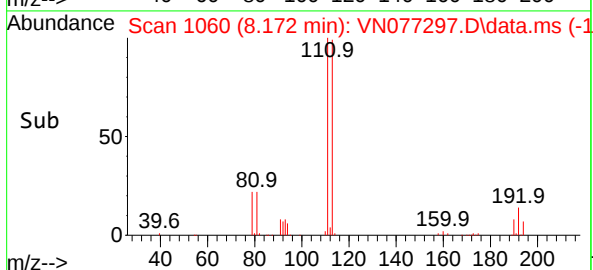
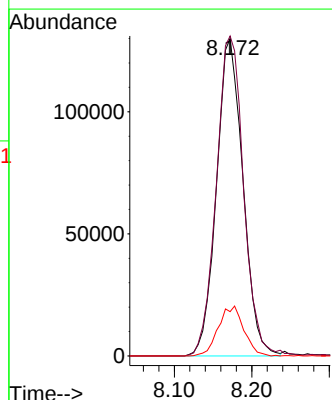
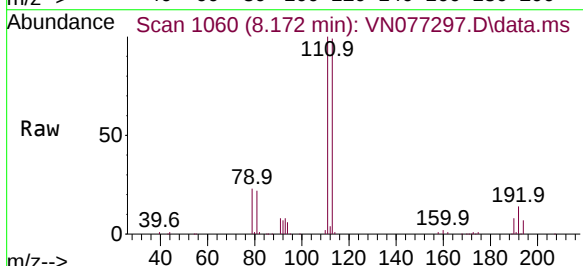
Tgt Ion:113 Resp: 308140

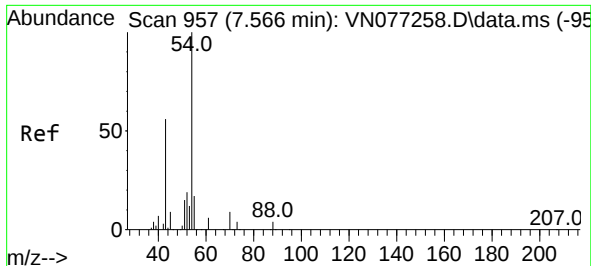
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

192 15.2 13.5 20.3

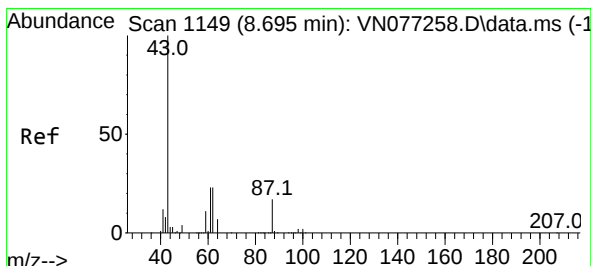
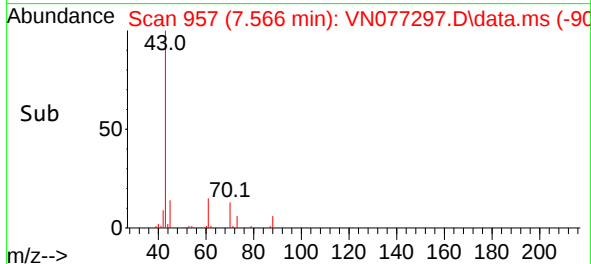
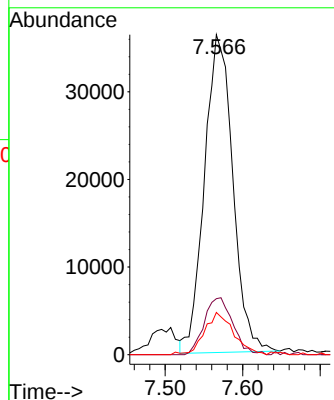
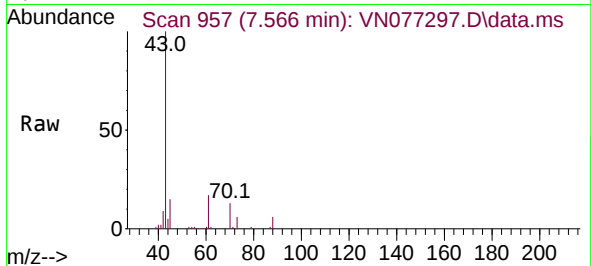




#37
Ethyl Acetate
Concen: 10.462 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

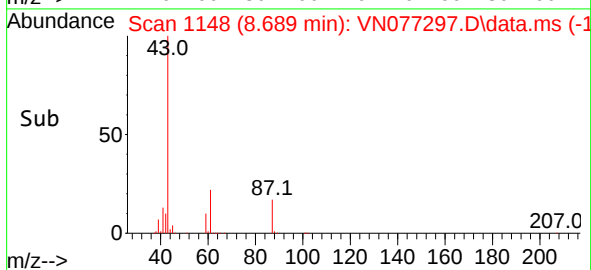
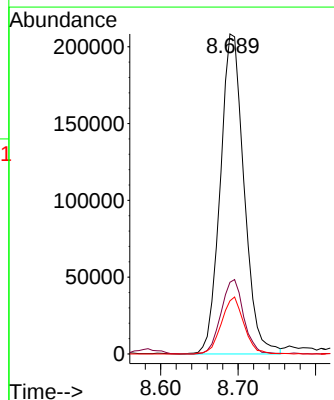
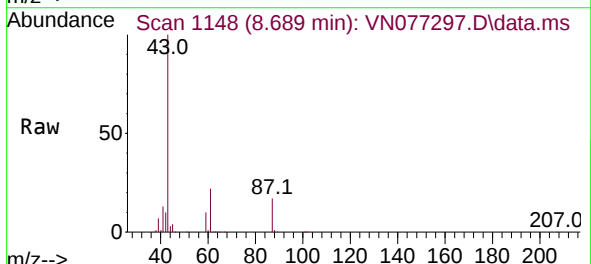
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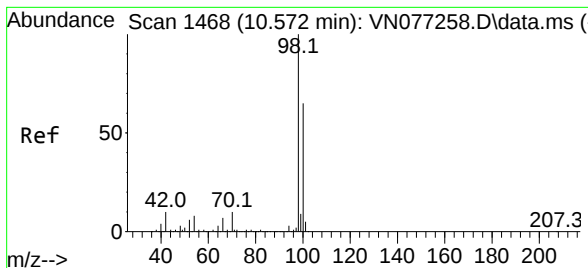
Tgt Ion: 43 Resp: 92361
Ion Ratio Lower Upper
43 100
61 18.0 12.2 18.2
70 13.6 10.0 15.0



#43
Isopropyl Acetate
Concen: 27.352 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Tgt Ion: 43 Resp: 445567
Ion Ratio Lower Upper
43 100
61 22.0 22.7 34.1#
87 16.8 13.6 20.4

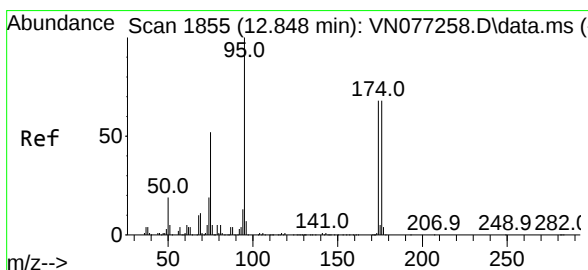
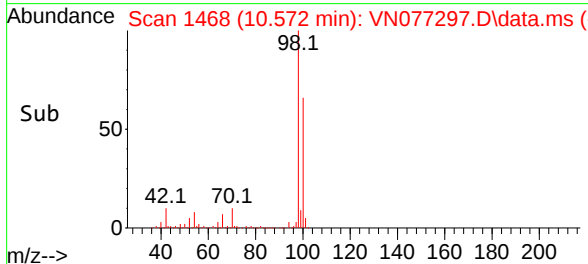
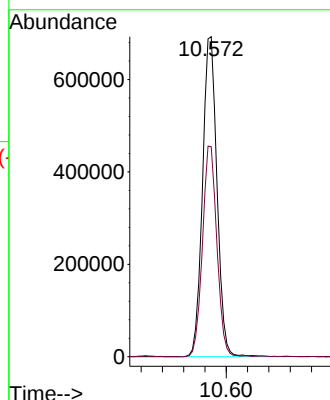
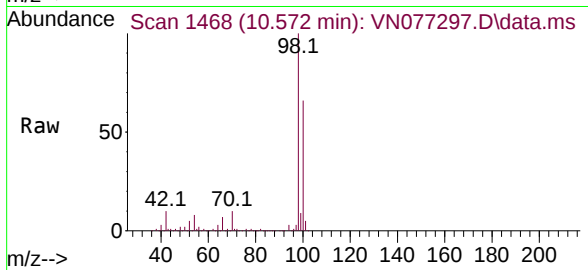




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

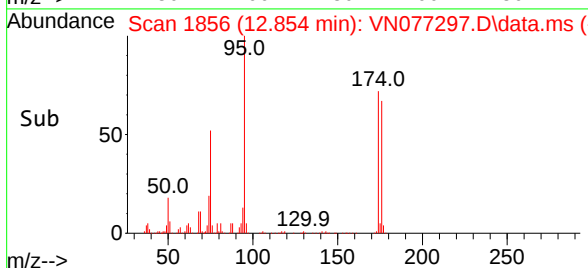
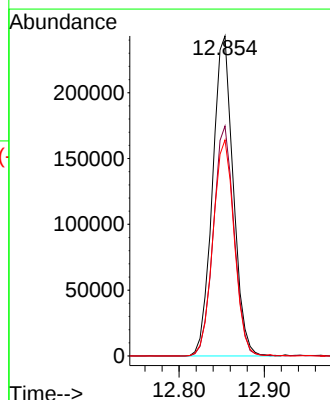
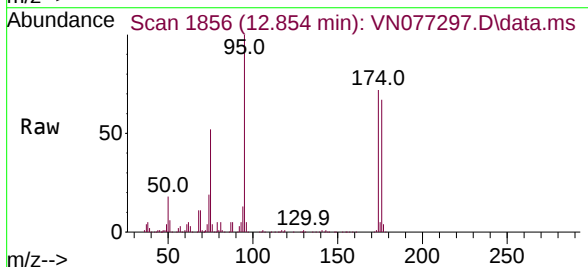
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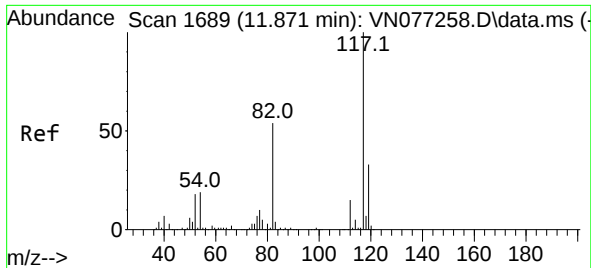
Tgt Ion: 98 Resp: 1303401
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.896 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Tgt Ion: 95 Resp: 409947
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.8
176 69.4 0.0 139.6

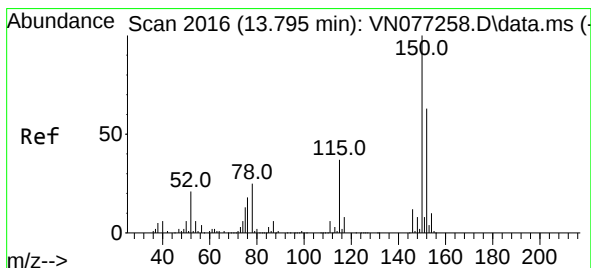
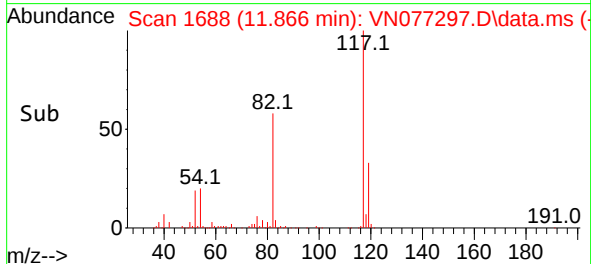
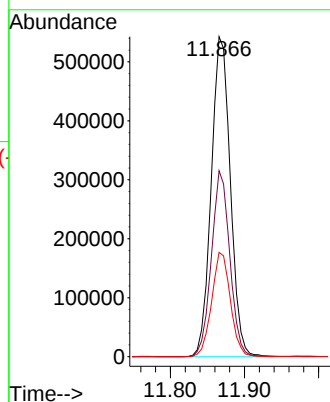
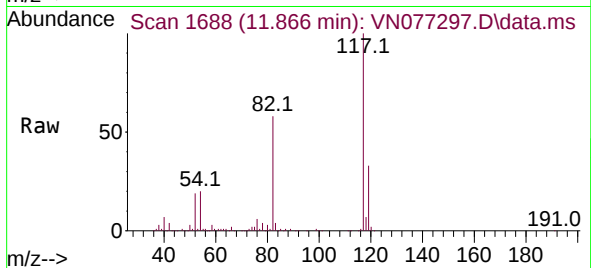




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 970233
Ion Ratio Lower Upper
117 100
82 58.1 42.9 64.3
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077297.D
Acq: 11 Apr 2023 12:11

Tgt Ion:152 Resp: 349943
Ion Ratio Lower Upper
152 100
115 63.1 32.1 96.3
150 159.3 0.0 354.8

