

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077296.D
 Acq On : 11 Apr 2023 11:47
 Operator : JC\MD
 Sample : PB151999TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151999TB

Quant Time: Apr 12 04:38:43 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)

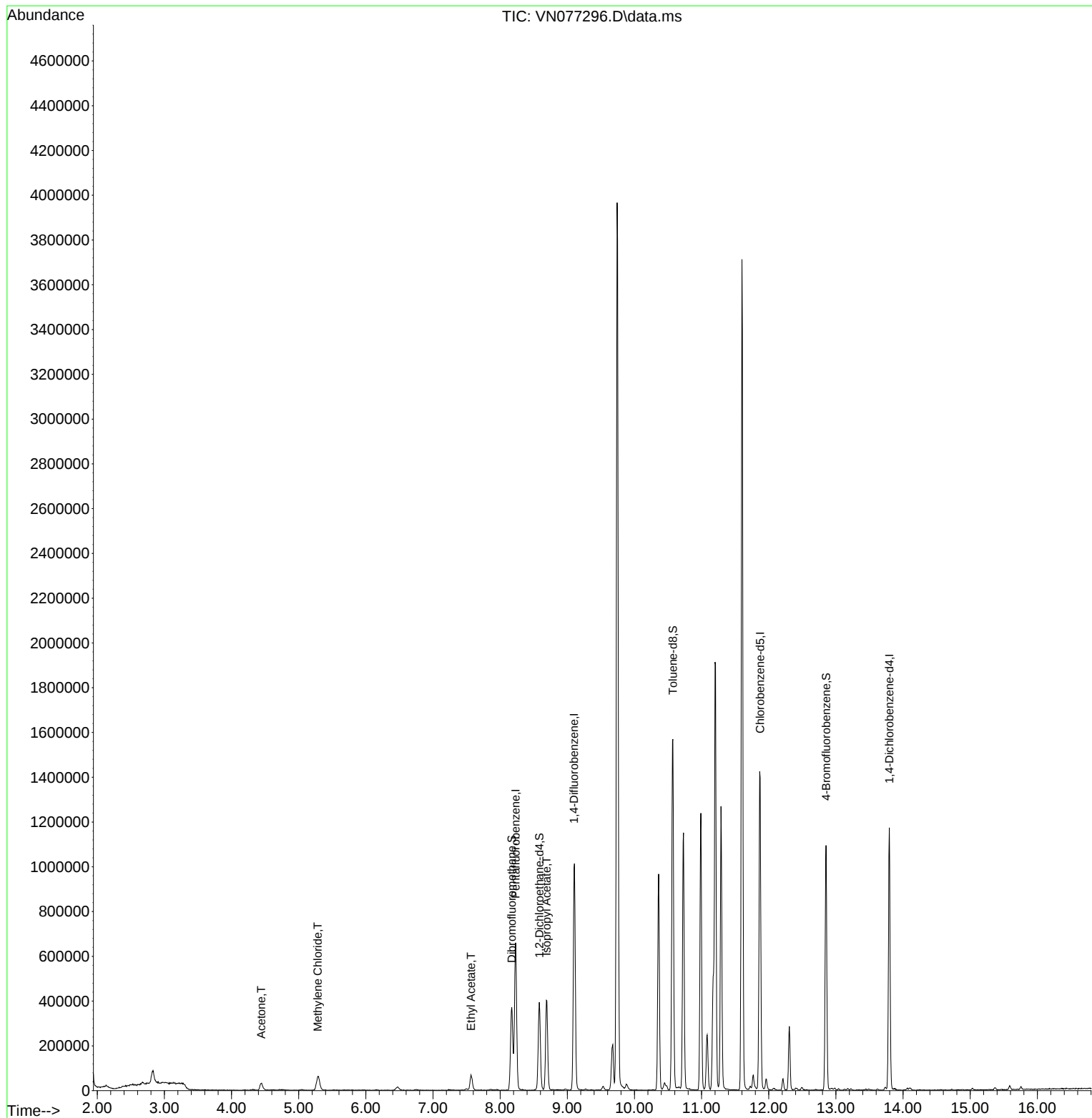
Internal Standards						
1) Pentafluorobenzene	8.231	168	468228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	923895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	863521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	308150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	303178	47.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	8.172	113	279375	47.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	10.572	98	1151397	48.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.854	95	395917	49.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	54314	23.019	ug/l	97
20) Methylene Chloride	5.284	84	56019	8.407	ug/l	97
37) Ethyl Acetate	7.566	43	96943	12.386	ug/l	97
43) Isopropyl Acetate	8.689	43	450688	31.207	ug/l #	92

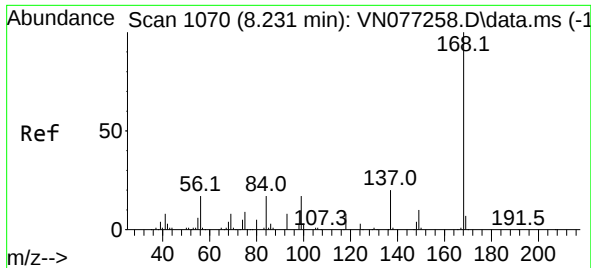
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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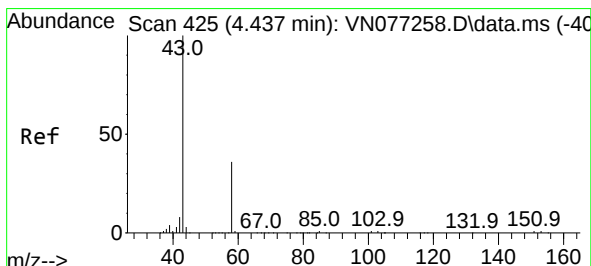
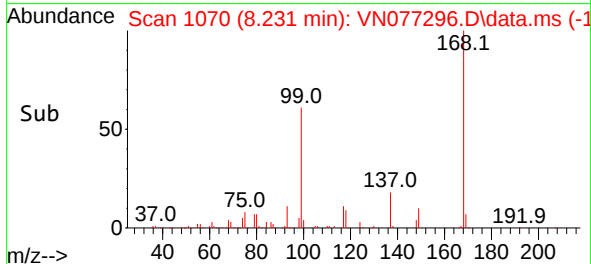
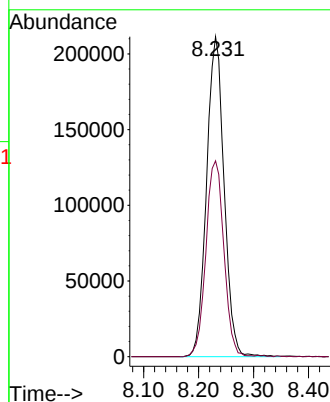
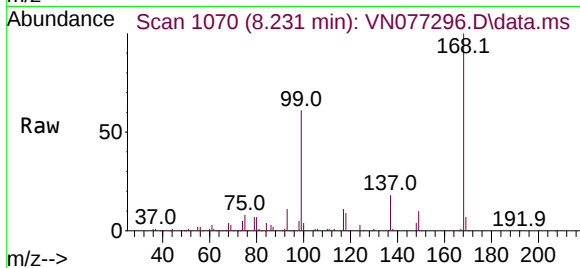




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

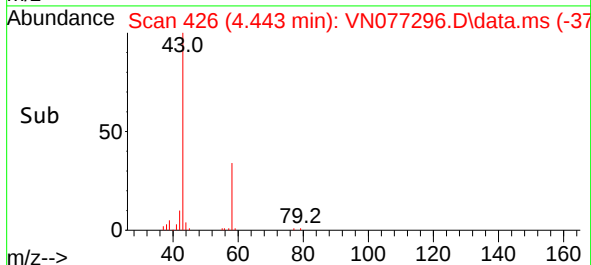
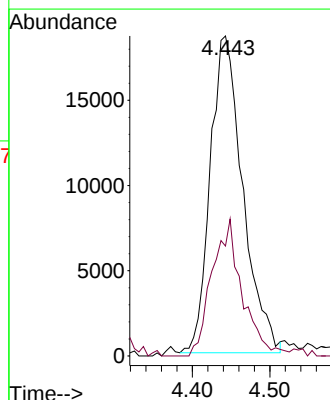
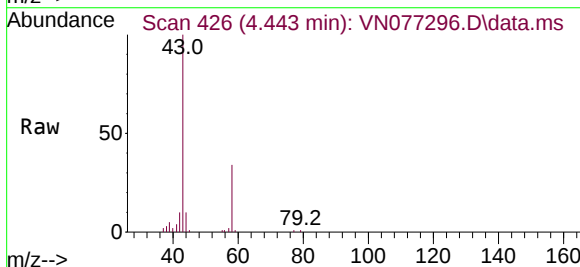
Instrument :
MSVOA_N
ClientSampleId :
PB151999TB

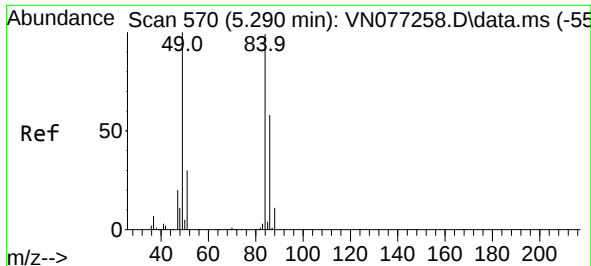
Tgt Ion:168 Resp: 468228
Ion Ratio Lower Upper
168 100
99 61.2 50.6 75.8



#16
Acetone
Concen: 23.019 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

Tgt Ion: 43 Resp: 54314
Ion Ratio Lower Upper
43 100
58 34.7 29.0 43.6

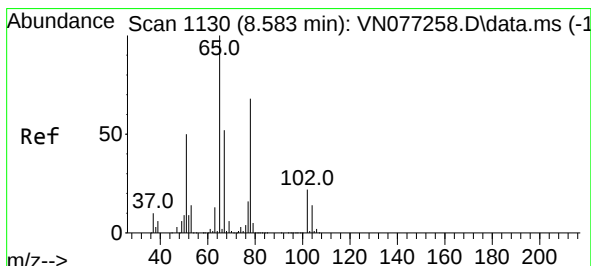
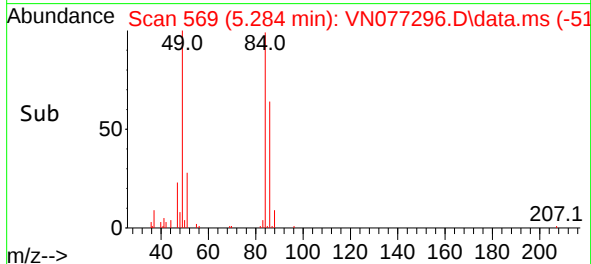
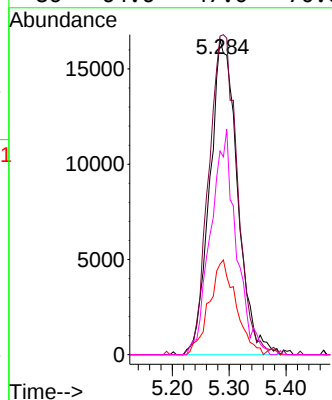
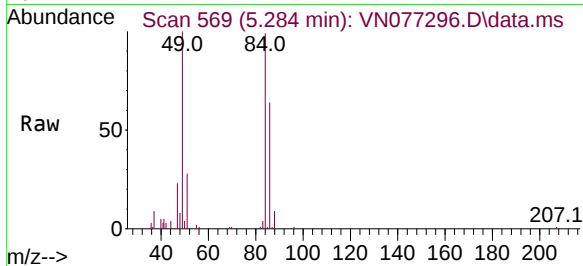




#20
Methylene Chloride
Concen: 8.407 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

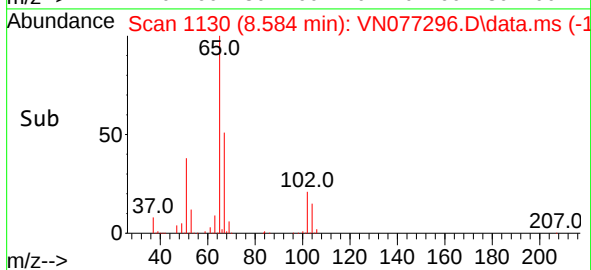
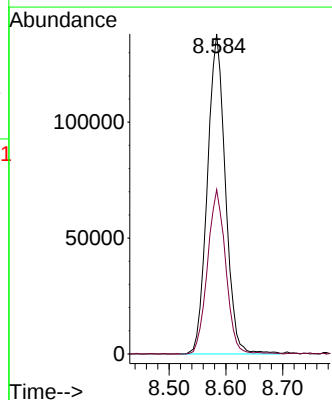
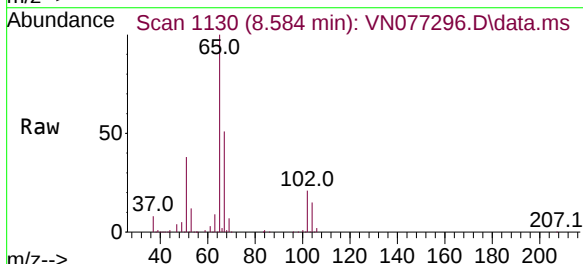
Instrument :
MSVOA_N
ClientSampleId :
PB151999TB

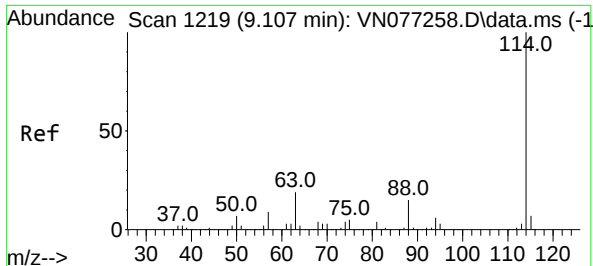
Tgt Ion:	84	Resp:	56019
Ion	Ratio	Lower	Upper
84	100		
49	101.1	80.6	121.0
51	28.7	24.4	36.6
86	64.6	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 47.376 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

Tgt Ion:	65	Resp:	303178
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN077296.D

Acq: 11 Apr 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB151999TB

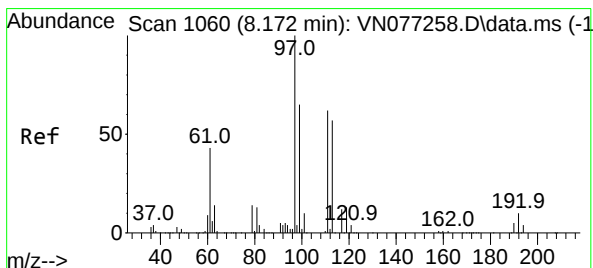
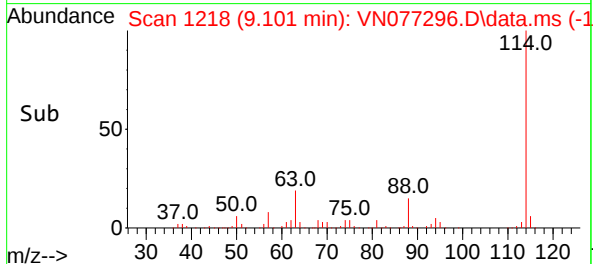
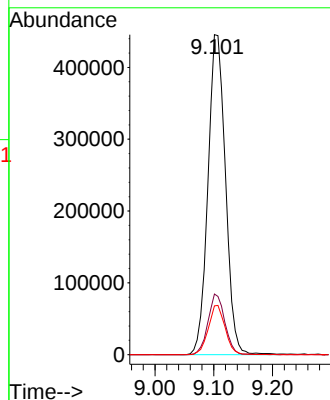
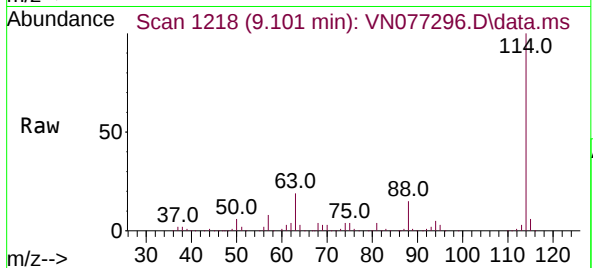
Tgt Ion:114 Resp: 923895

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

88 15.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.236 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077296.D

Acq: 11 Apr 2023 11:47

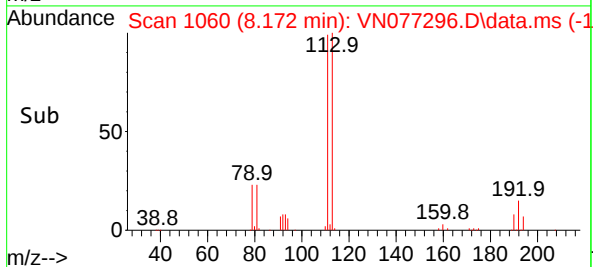
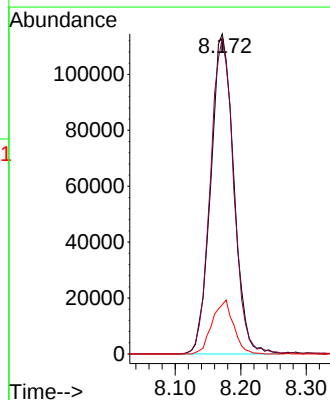
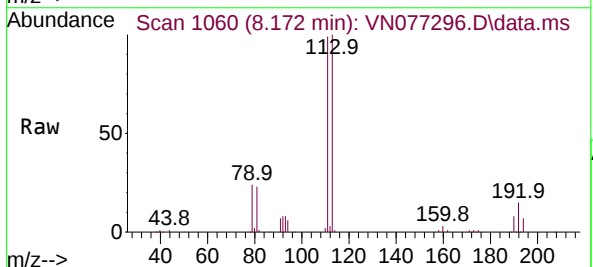
Tgt Ion:113 Resp: 279375

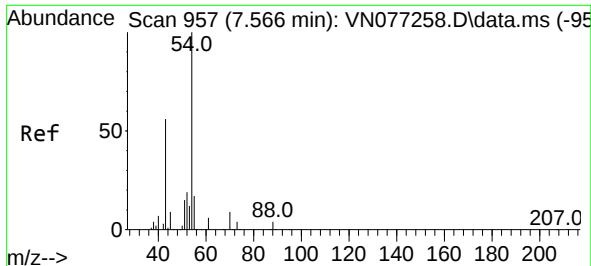
Ion Ratio Lower Upper

113 100

111 99.9 83.4 125.0

192 15.5 13.5 20.3

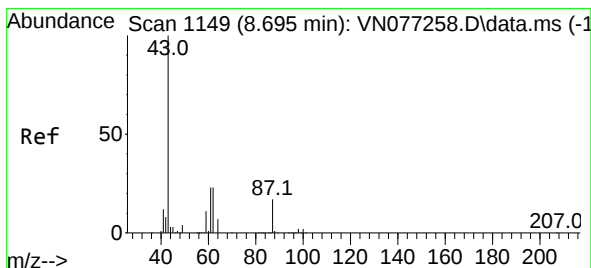
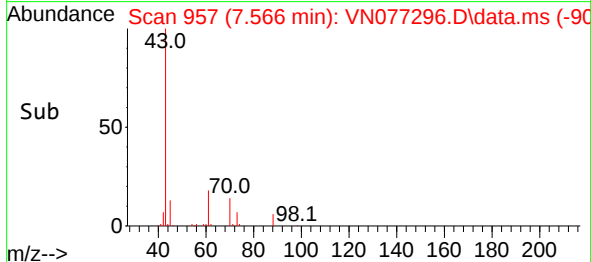
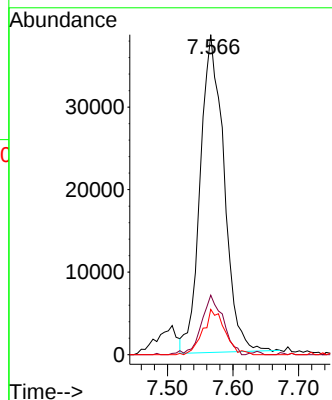
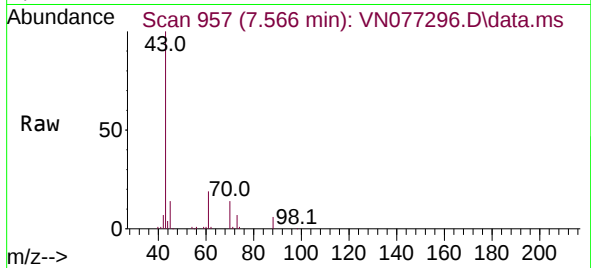




#37
Ethyl Acetate
Concen: 12.386 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

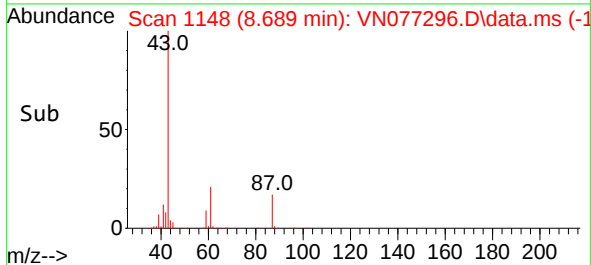
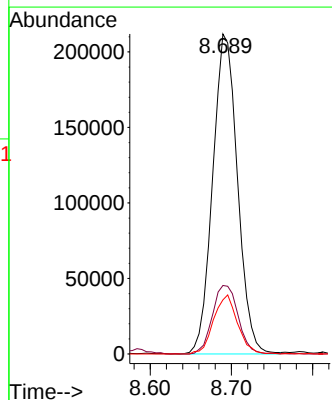
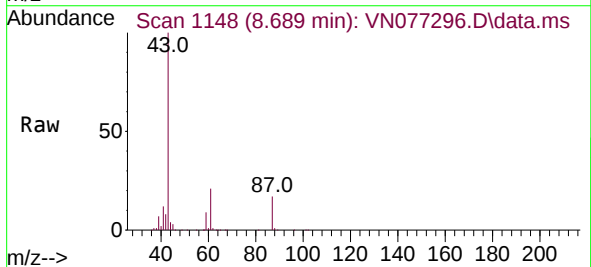
Instrument :
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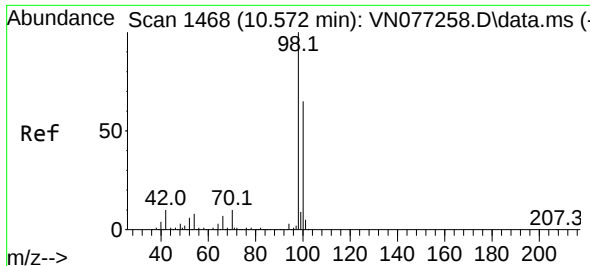
Tgt Ion: 43 Resp: 96943
Ion Ratio Lower Upper
43 100
61 17.2 12.2 18.2
70 13.1 10.0 15.0



#43
Isopropyl Acetate
Concen: 31.207 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

Tgt Ion: 43 Resp: 450688
Ion Ratio Lower Upper
43 100
61 22.2 22.7 34.1#
87 17.8 13.6 20.4

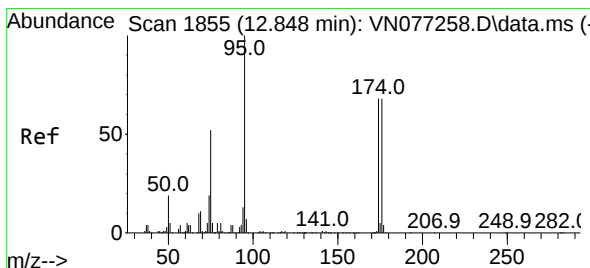
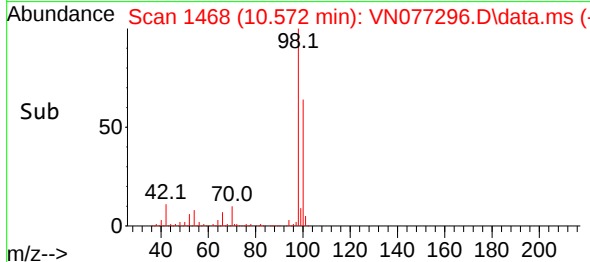
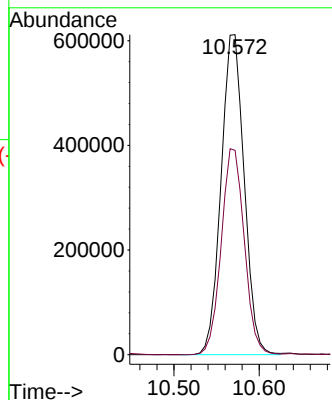
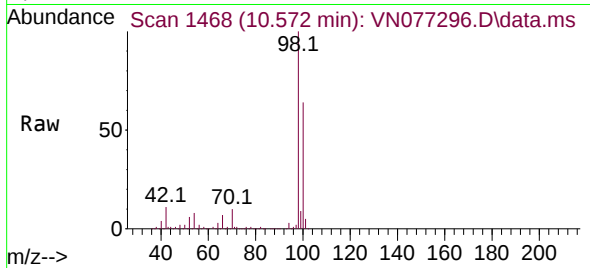




#50
Toluene-d8
Concen: 48.358 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

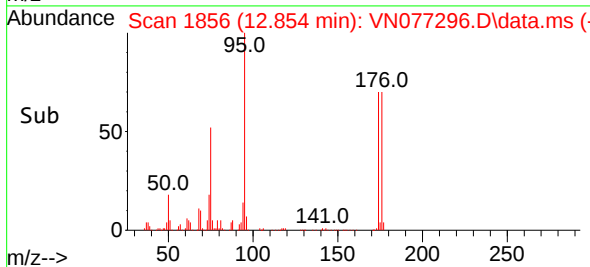
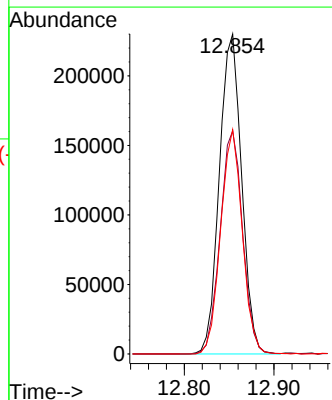
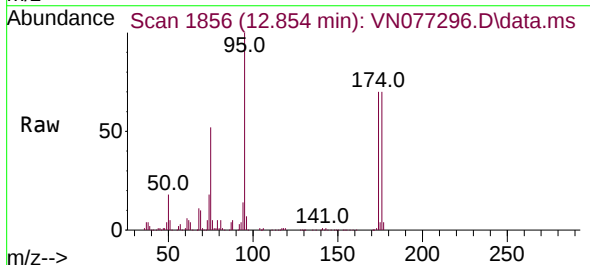
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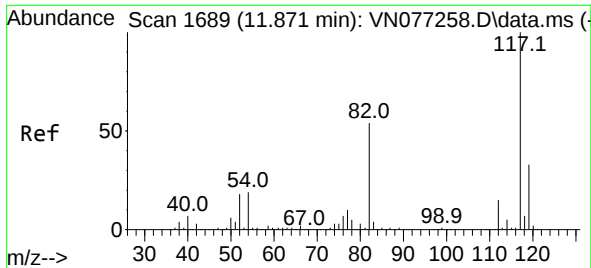
Tgt Ion: 98 Resp: 1151397
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

Tgt Ion: 95 Resp: 395917
Ion Ratio Lower Upper
95 100
174 70.4 0.0 146.8
176 68.0 0.0 139.6

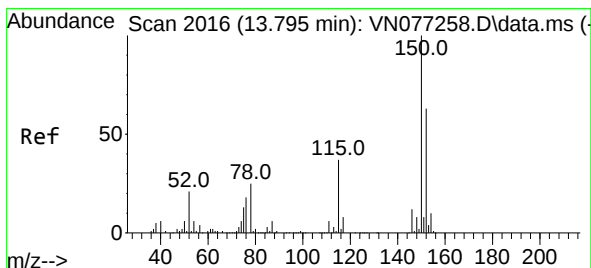
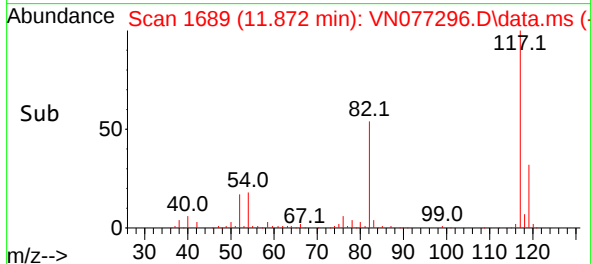
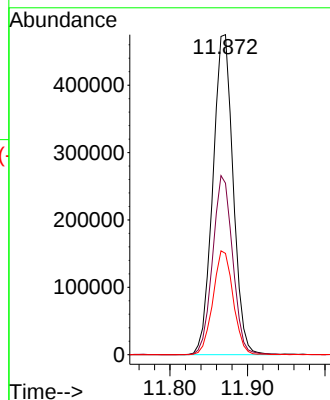
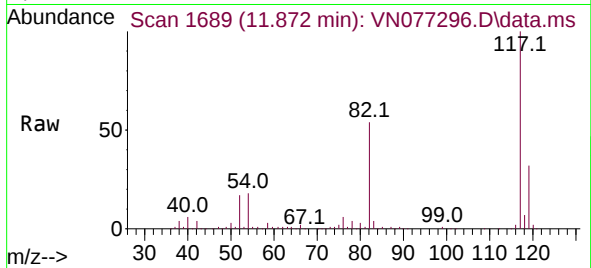




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077296.D
Acq: 11 Apr 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :
PB151999TB

Tgt Ion:117 Resp: 863521
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 31.7 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: VN077296.D
Acq: 11 Apr 2023 11:47

Tgt Ion:152 Resp: 308150
Ion Ratio Lower Upper
152 100
115 63.3 32.1 96.3
150 159.6 0.0 354.8

