

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077944.D
 Acq On : 27 May 2023 00:03
 Operator : JC\MD
 Sample : PB153052TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153052TB

Quant Time: May 29 01:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

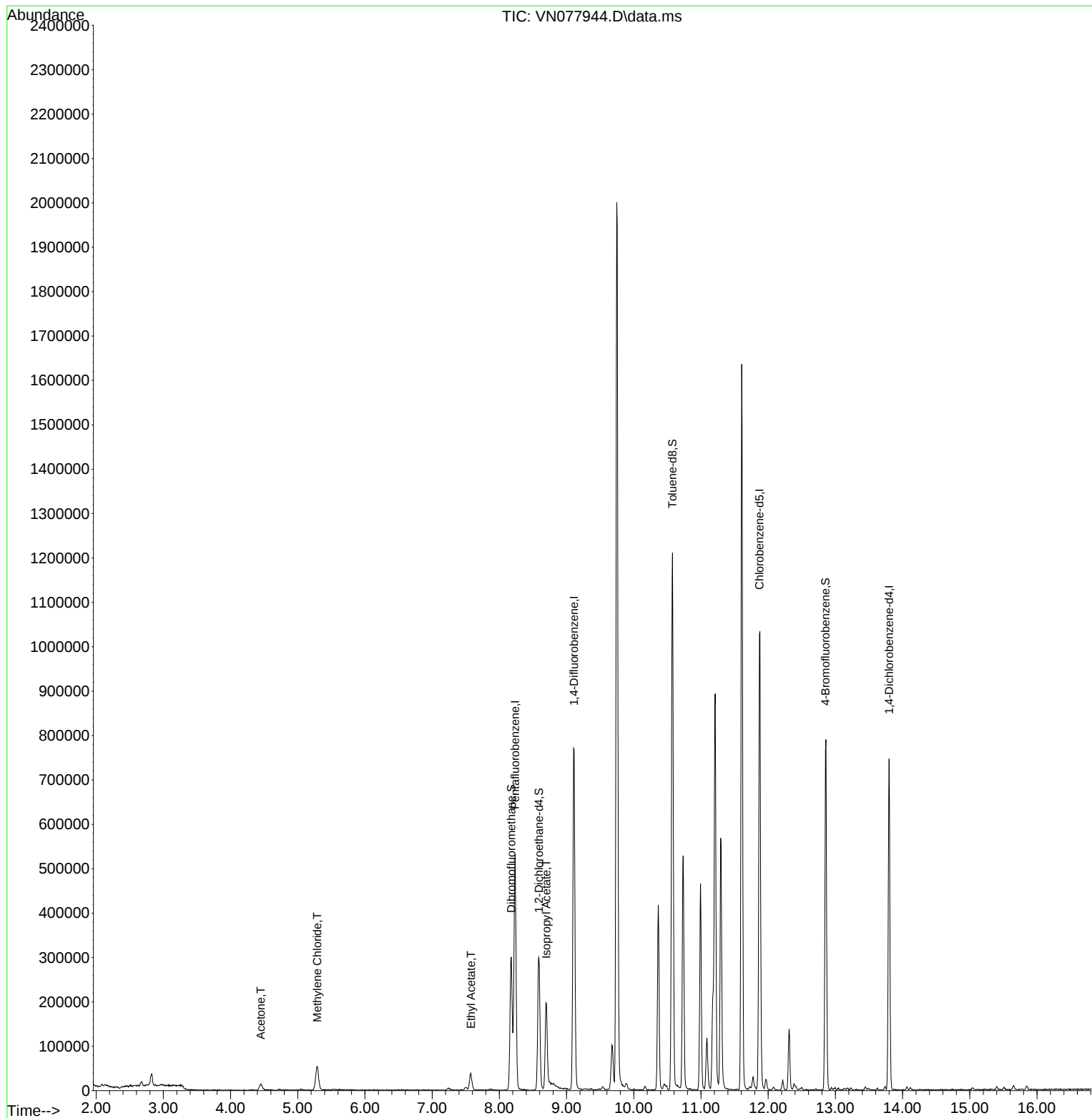
Internal Standards						
1) Pentafluorobenzene	8.235	168	372419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	694383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	622034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256659	46.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.177	113	219048	48.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.576	98	862445	49.485	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.853	95	284387	46.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	26258	14.978	ug/l	95
20) Methylene Chloride	5.289	84	42791	7.706	ug/l	92
37) Ethyl Acetate	7.577	43	54277	9.195	ug/l	96
43) Isopropyl Acetate	8.700	43	226812	23.523	ug/l #	83

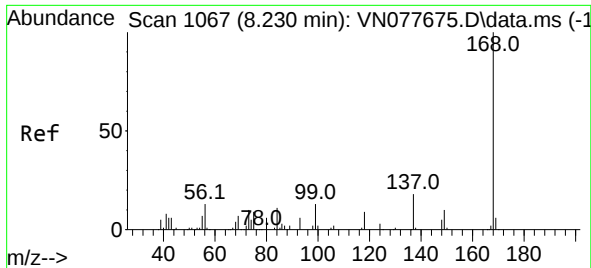
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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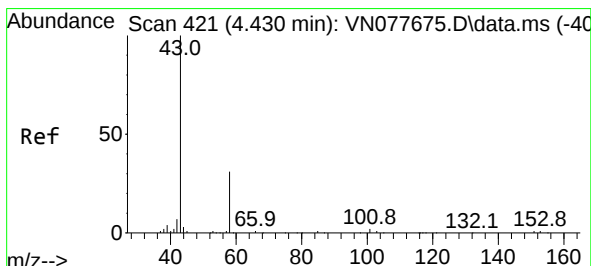
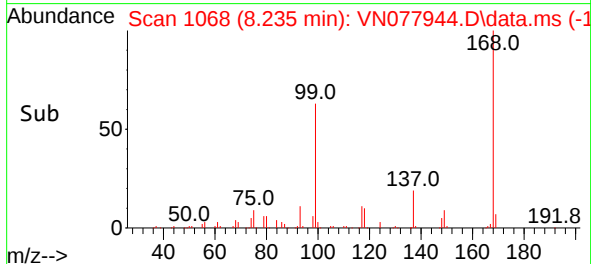
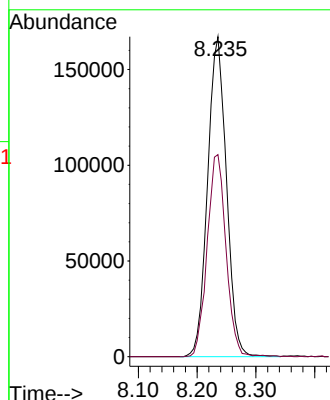
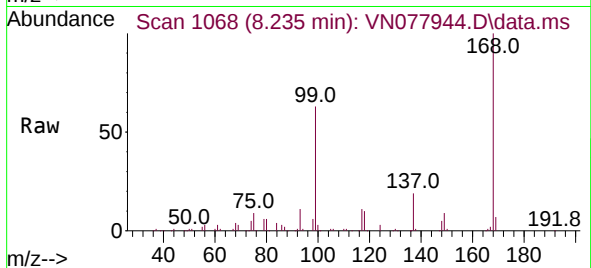




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

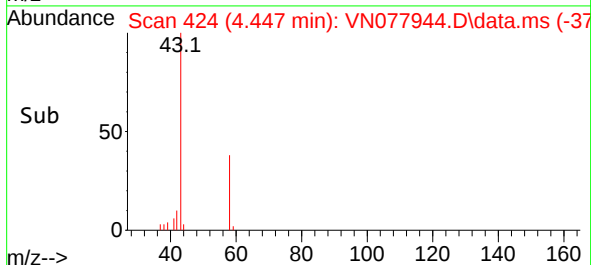
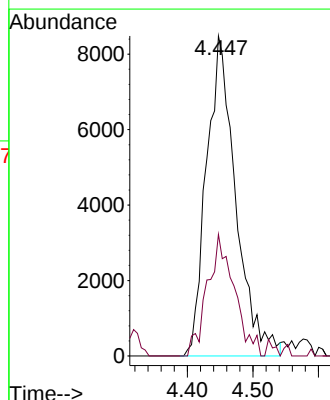
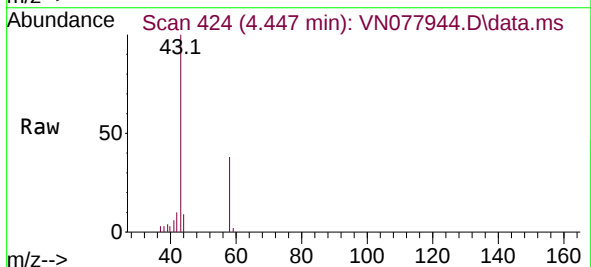
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

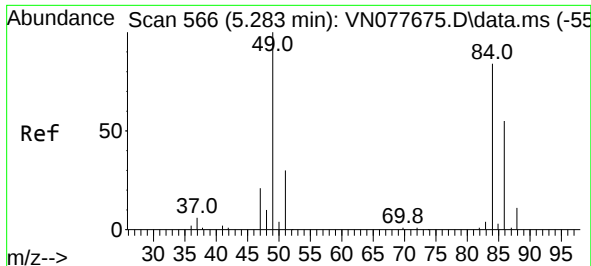
Tgt Ion:168 Resp: 372419
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 14.978 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 43 Resp: 26258
Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0





#20

Methylene Chloride

Concen: 7.706 ug/l

RT: 5.289 min Scan# 5

Delta R.T. 0.005 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

Tgt Ion: 84 Resp: 42791

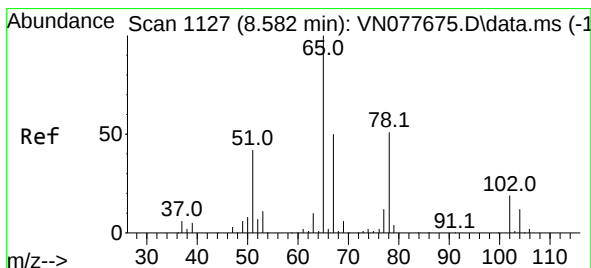
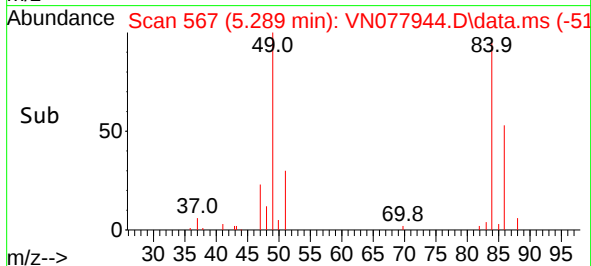
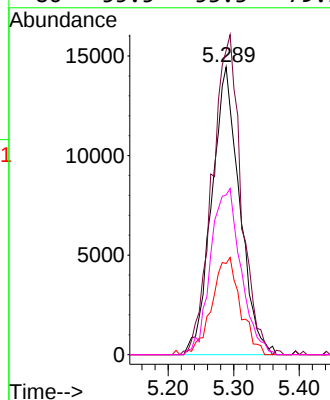
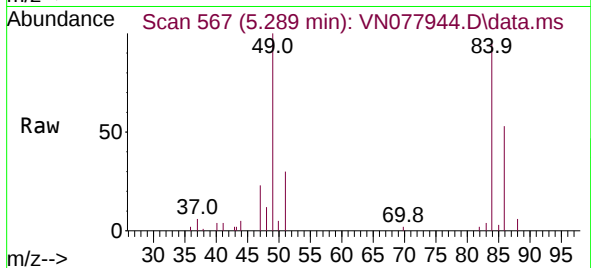
Ion Ratio Lower Upper

84 100

49 105.7 79.7 119.5

51 31.7 25.2 37.8

86 55.5 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 46.059 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077944.D

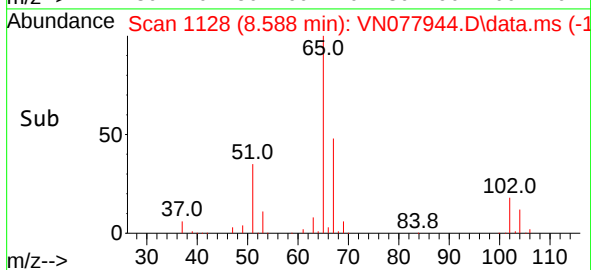
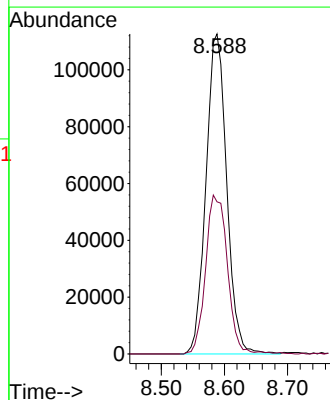
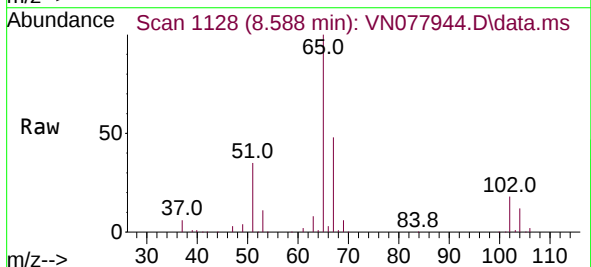
Acq: 27 May 2023 00:03

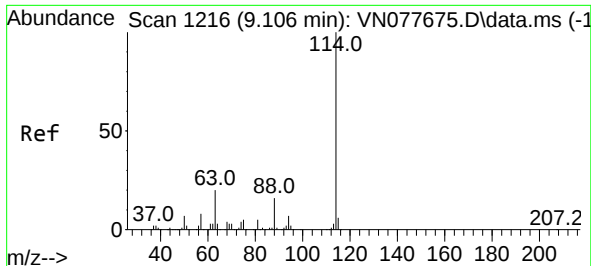
Tgt Ion: 65 Resp: 256659

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6

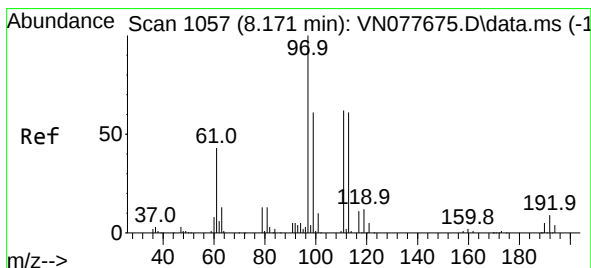
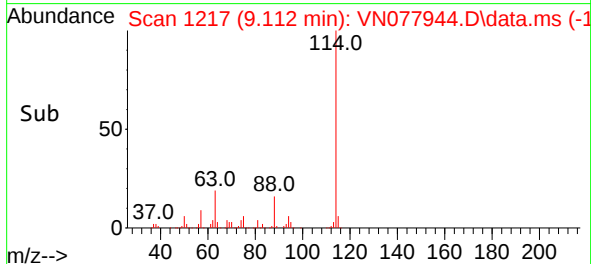
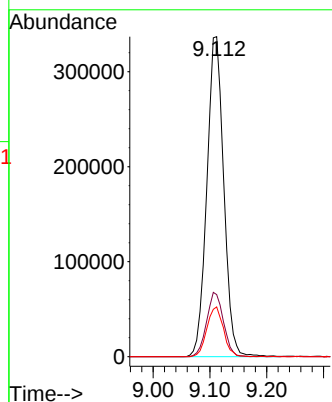
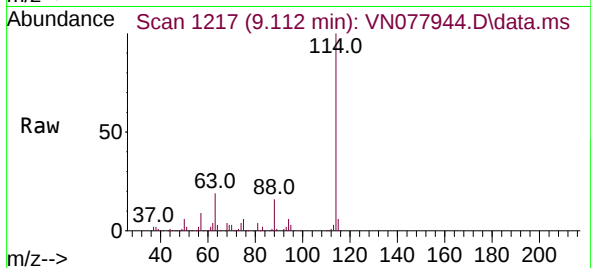




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

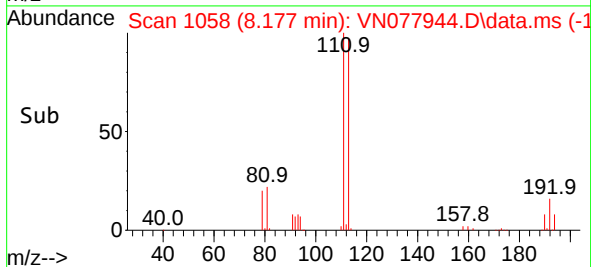
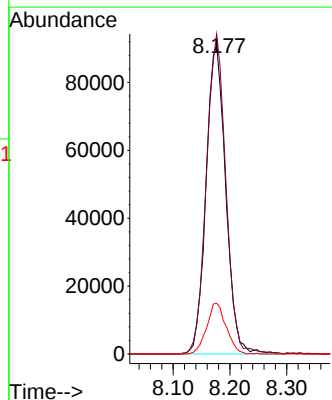
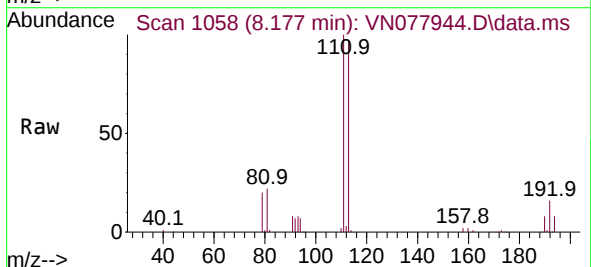
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

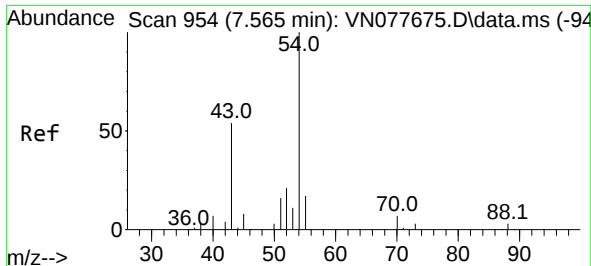
Tgt Ion:114 Resp: 694383
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion:113 Resp: 219048
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.3 12.7 19.1





#37

Ethyl Acetate

Concen: 9.195 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

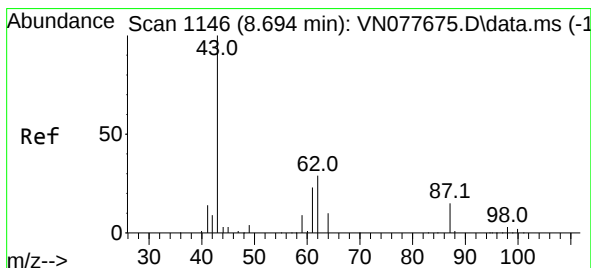
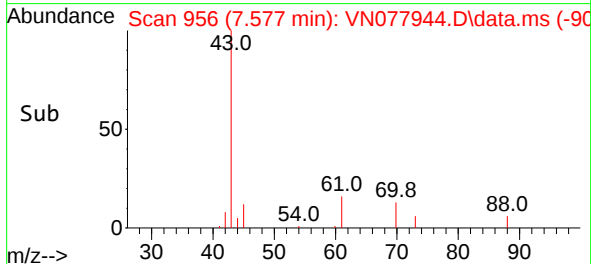
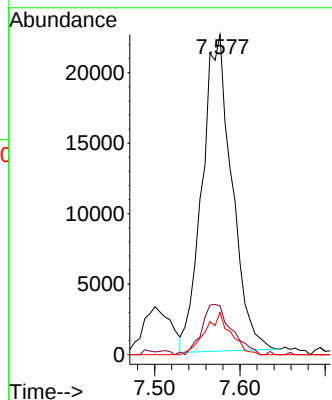
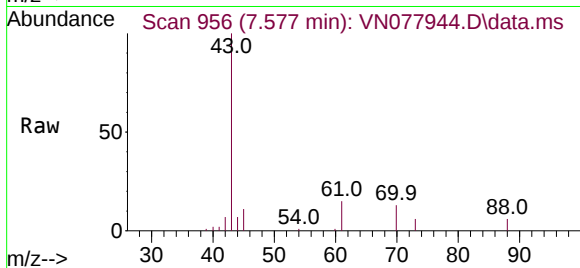
Tgt Ion: 43 Resp: 54277

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 11.5 11.3 16.9



#43

Isopropyl Acetate

Concen: 23.523 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

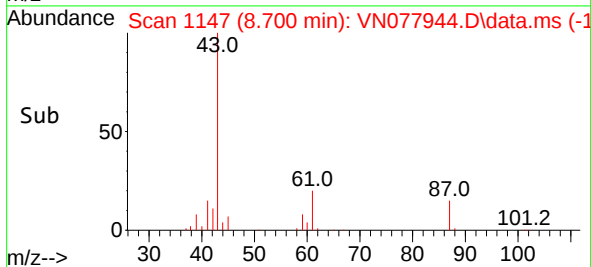
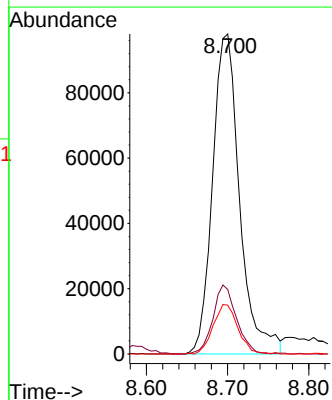
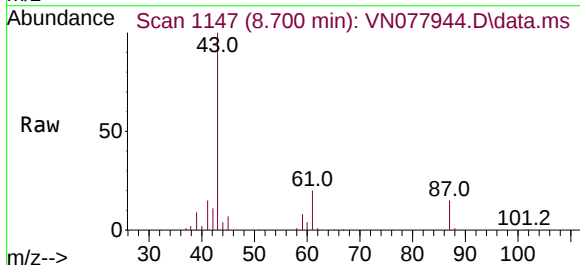
Tgt Ion: 43 Resp: 226812

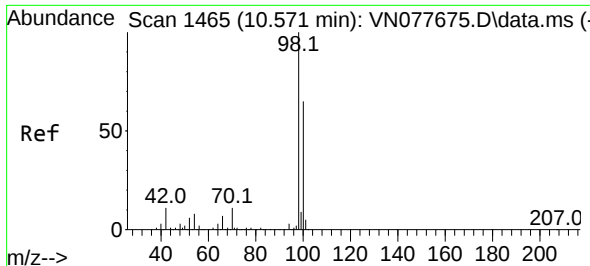
Ion Ratio Lower Upper

43 100

61 18.8 24.7 37.1#

87 14.2 14.6 21.8#

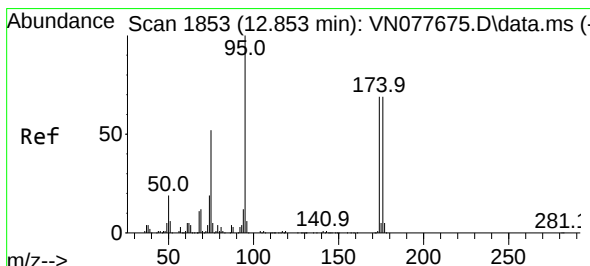
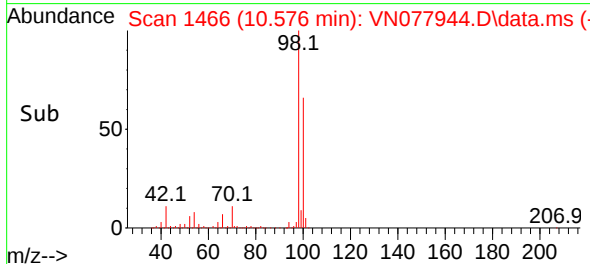
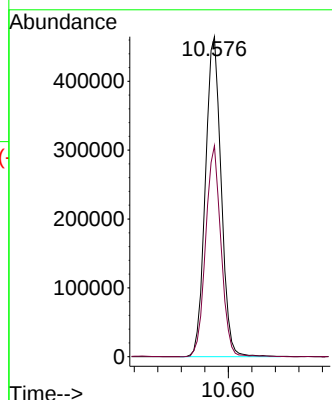
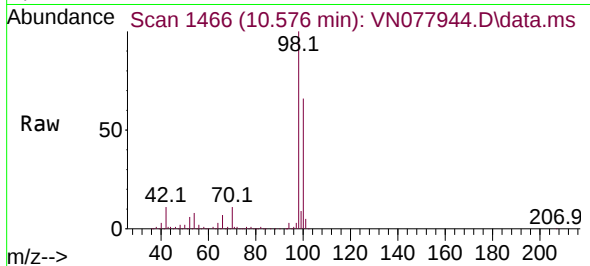




#50
Toluene-d8
Concen: 49.485 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

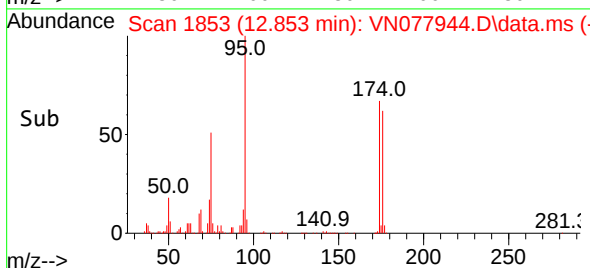
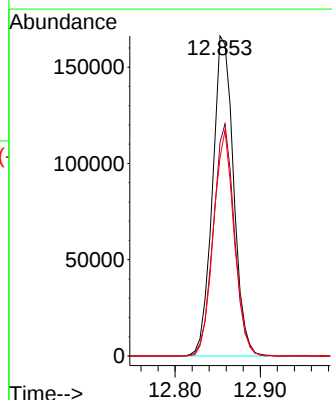
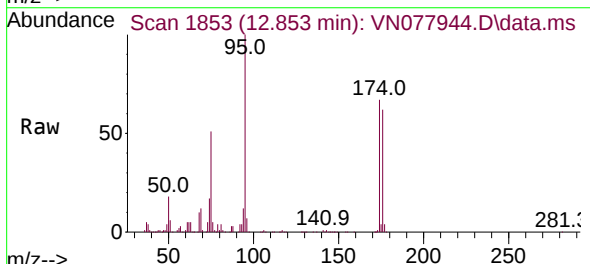
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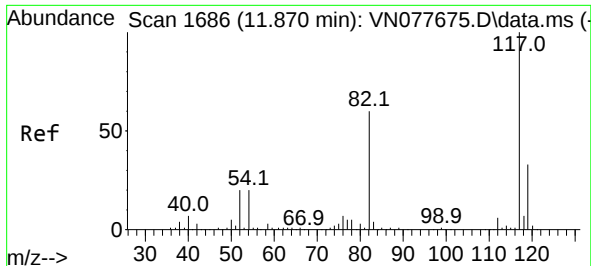
Tgt Ion: 98 Resp: 862445
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 95 Resp: 284387
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.8 0.0 135.8

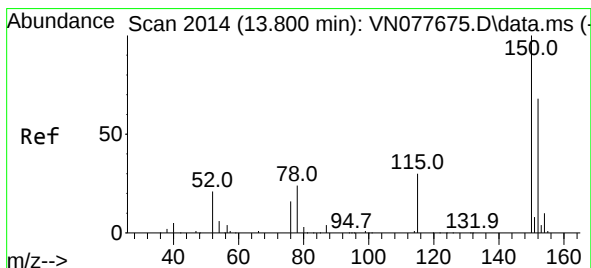
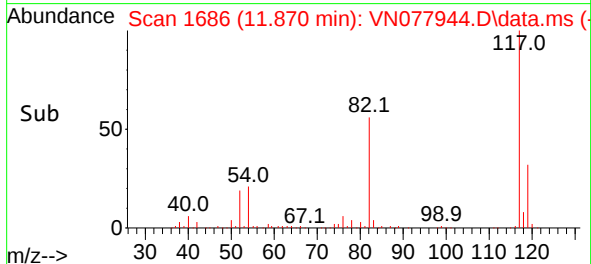
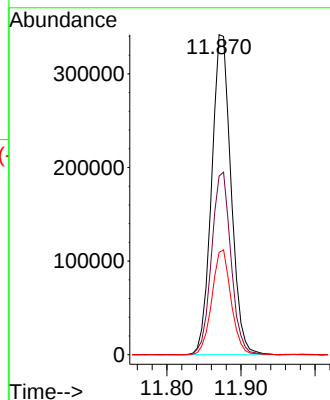
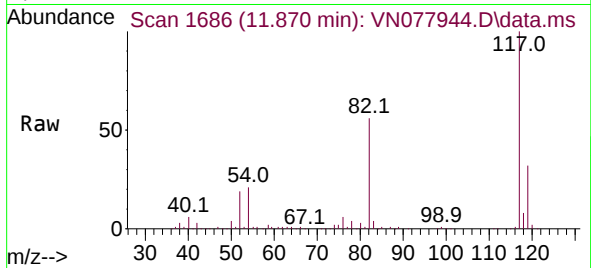




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 622034
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion:152 Resp: 193702
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 157.3 0.0 355.8

