

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077835.D
 Acq On : 24 May 2023 03:02
 Operator : JC\MD
 Sample : 02886-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: May 24 05:59:06 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)

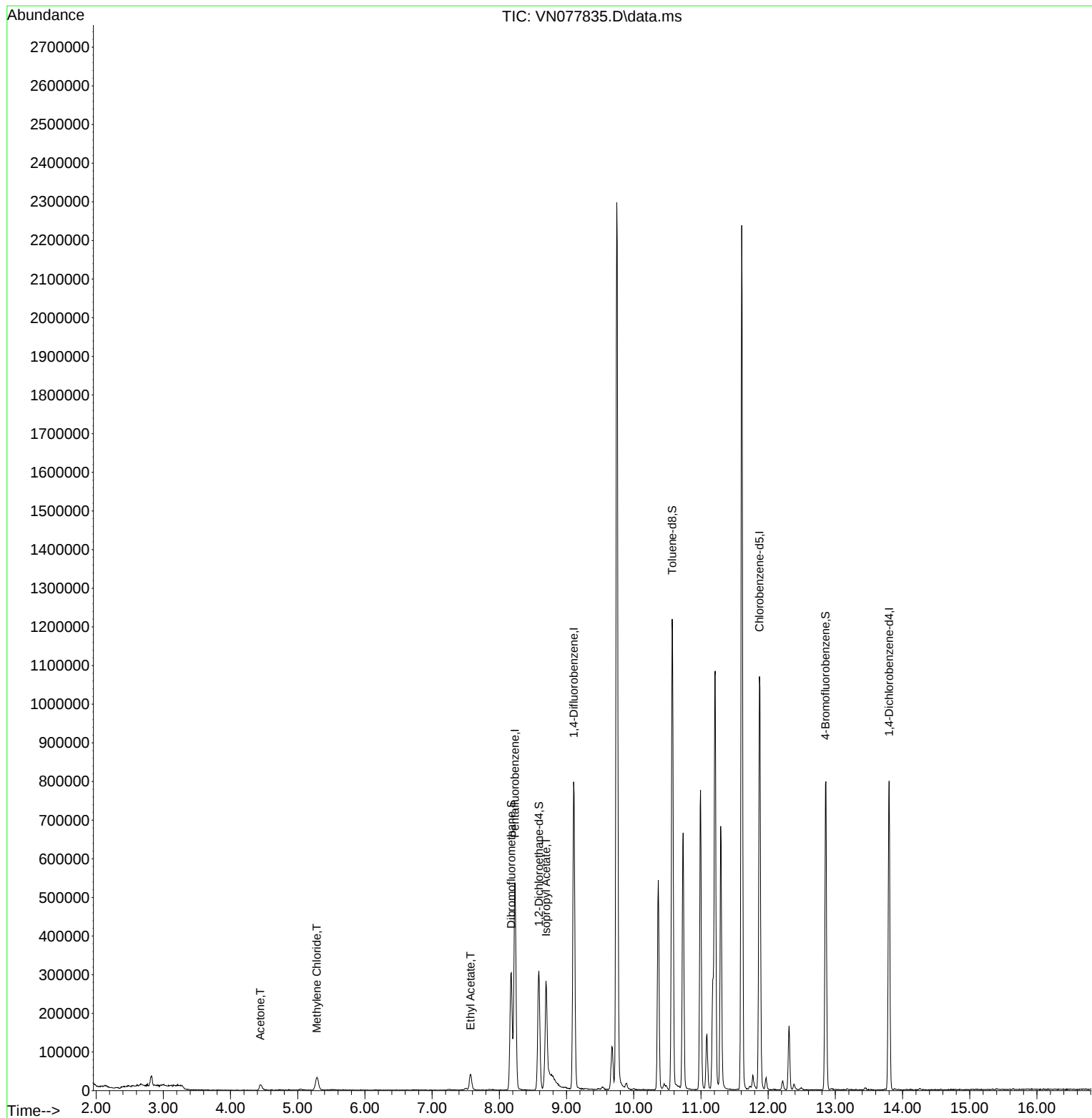
Internal Standards						
1) Pentafluorobenzene	8.230	168	391431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	712270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	658197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	216989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	255383	43.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.200%
35) Dibromofluoromethane	8.177	113	224012	48.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.571	98	887336	49.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.853	95	291036	46.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	28489	15.461	ug/l #	86
20) Methylene Chloride	5.283	84	28488	4.127	ug/l	94
37) Ethyl Acetate	7.571	43	59523	9.830	ug/l	97
43) Isopropyl Acetate	8.694	43	338977	34.273	ug/l #	78

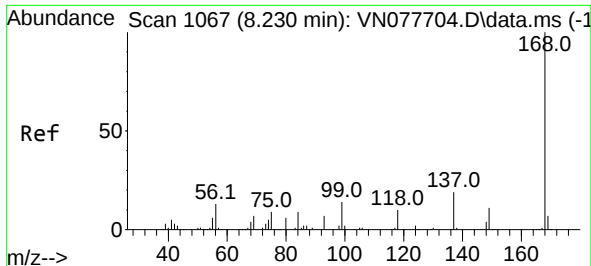
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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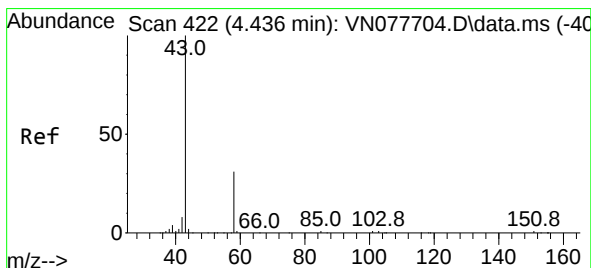
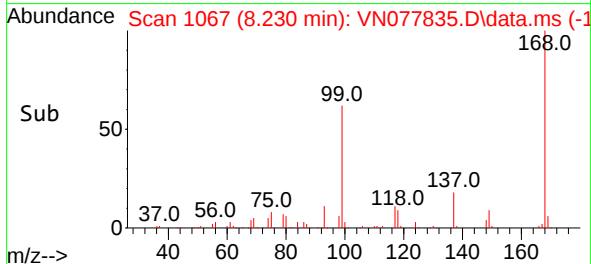
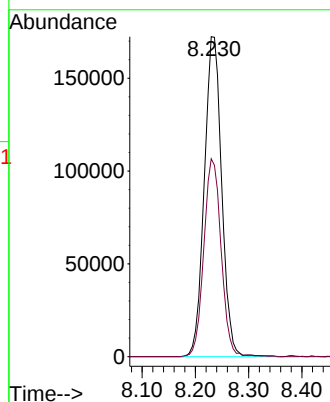
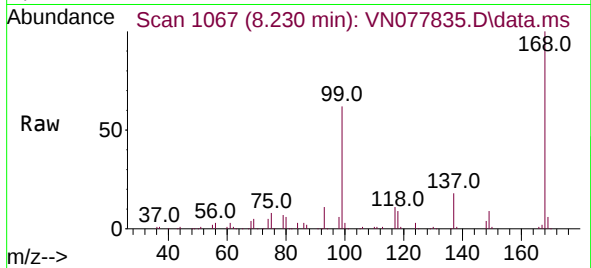




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077835.D
Acq: 24 May 2023 03:02

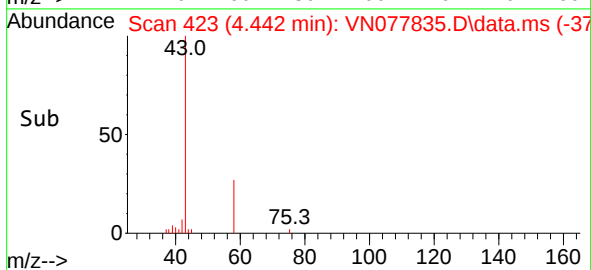
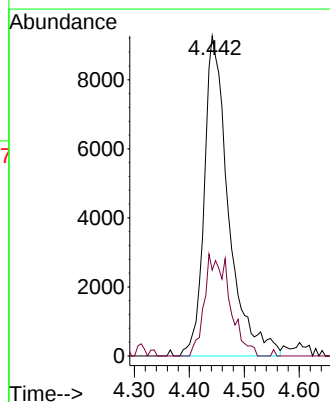
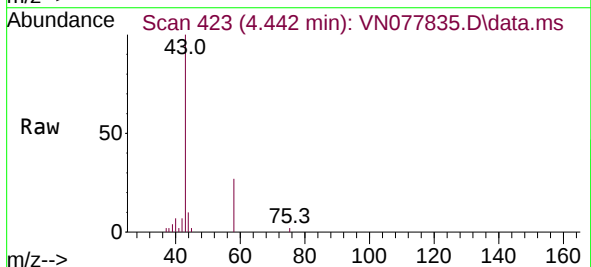
Instrument :
MSVOA_N
ClientSampleId :
WC-1

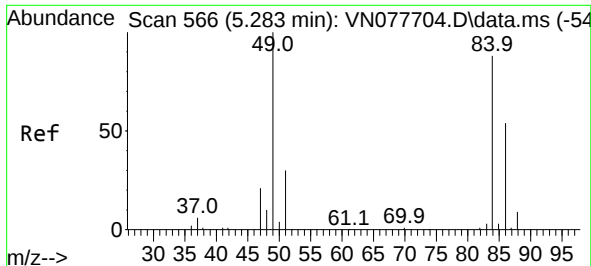
Tgt Ion:168 Resp: 391431
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#16
Acetone
Concen: 15.461 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077835.D
Acq: 24 May 2023 03:02

Tgt Ion: 43 Resp: 28489
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#





#20

Methylene Chloride

Concen: 4.127 ug/l

RT: 5.283 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077835.D

Acq: 24 May 2023 03:02

Instrument :

MSVOA_N

ClientSampleId :

WC-1

Tgt Ion: 84 Resp: 28488

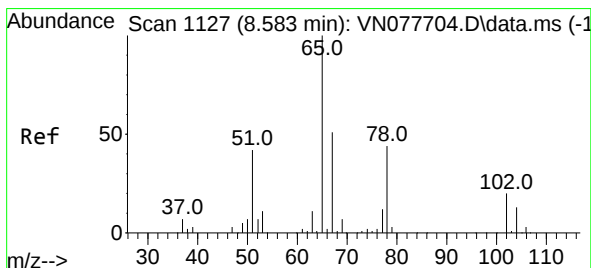
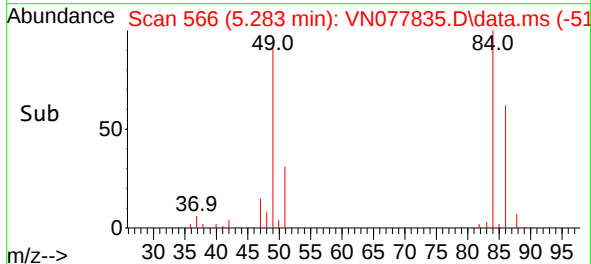
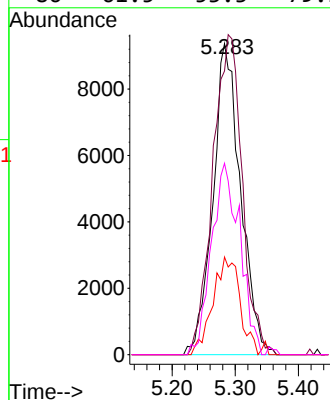
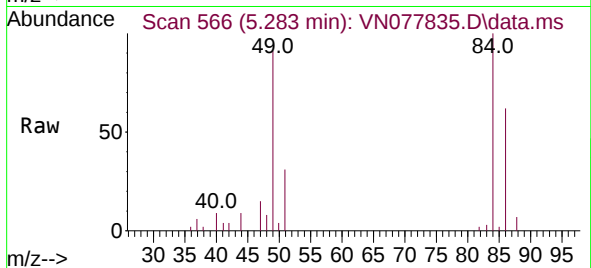
Ion Ratio Lower Upper

84 100

49 91.2 79.7 119.5

51 31.4 25.2 37.8

86 61.5 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 43.604 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077835.D

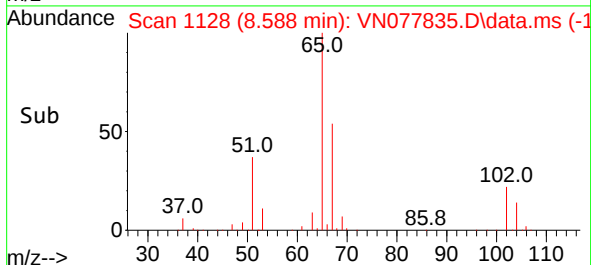
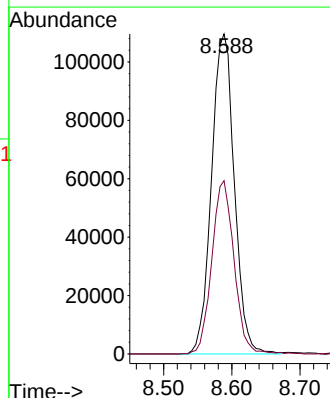
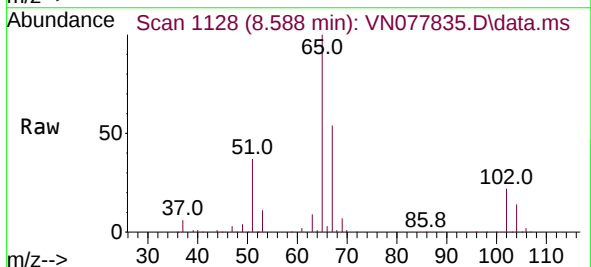
Acq: 24 May 2023 03:02

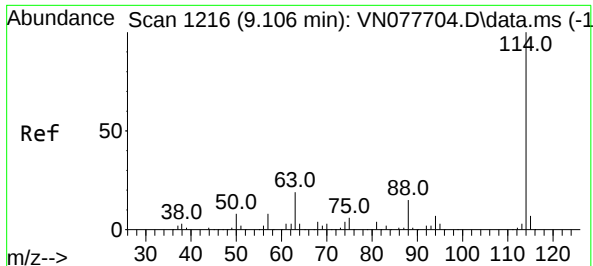
Tgt Ion: 65 Resp: 255383

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077835.D

Acq: 24 May 2023 03:02

Instrument :

MSVOA_N

ClientSampleId :

WC-1

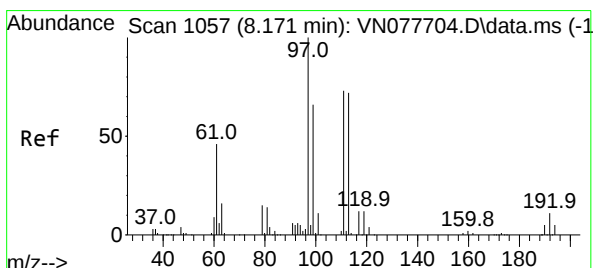
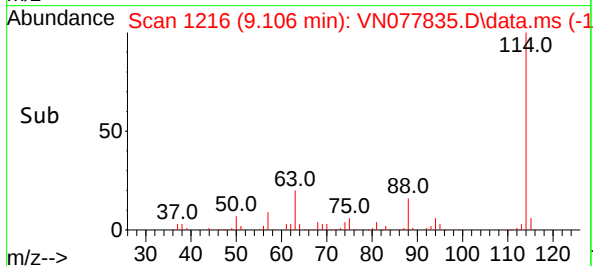
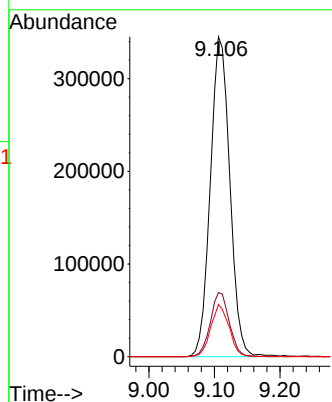
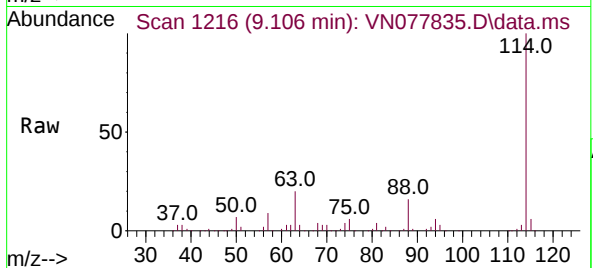
Tgt Ion:114 Resp: 712270

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.230 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077835.D

Acq: 24 May 2023 03:02

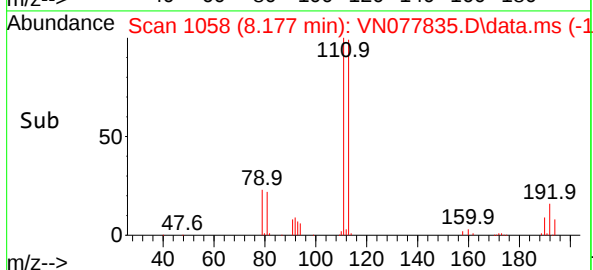
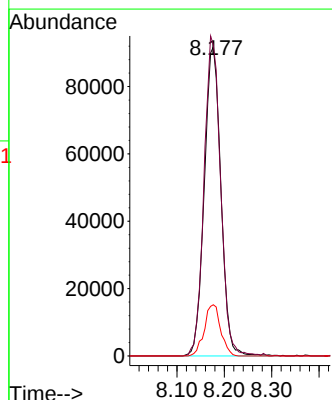
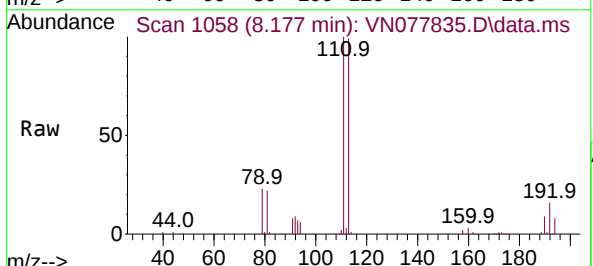
Tgt Ion:113 Resp: 224012

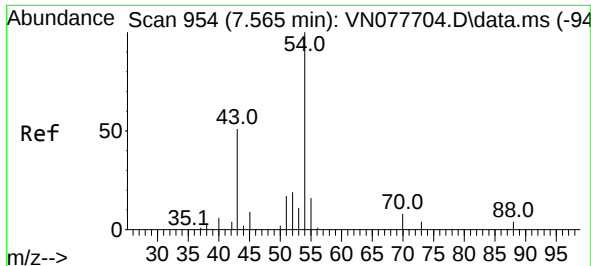
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.3 12.7 19.1





#37

Ethyl Acetate

Concen: 9.830 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077835.D

Acq: 24 May 2023 03:02

Instrument :

MSVOA_N

ClientSampleId :

WC-1

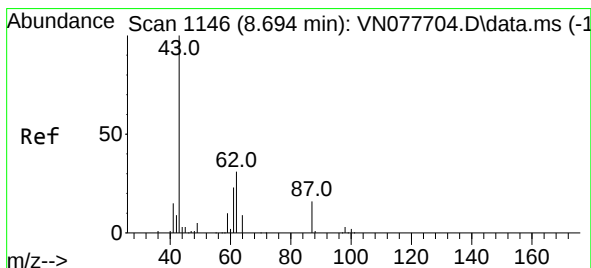
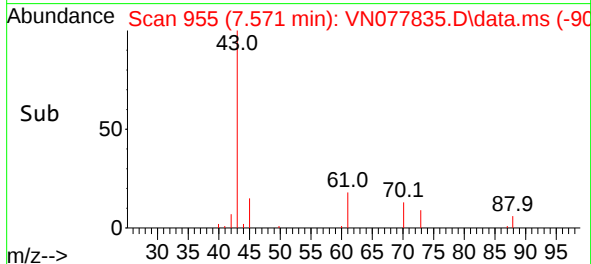
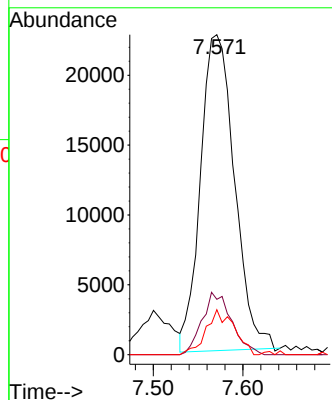
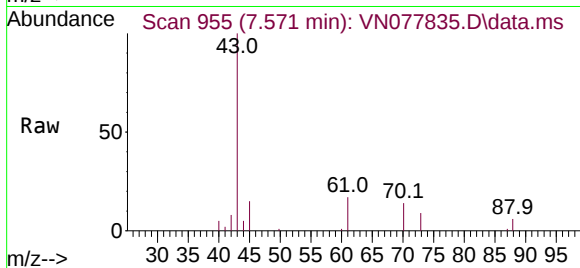
Tgt Ion: 43 Resp: 59523

Ion Ratio Lower Upper

43 100

61 17.2 13.2 19.8

70 11.8 11.3 16.9



#43

Isopropyl Acetate

Concen: 34.273 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077835.D

Acq: 24 May 2023 03:02

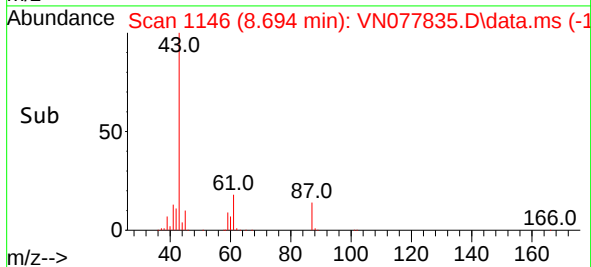
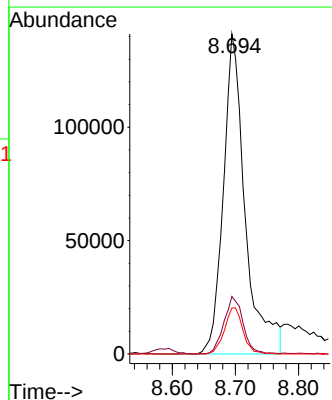
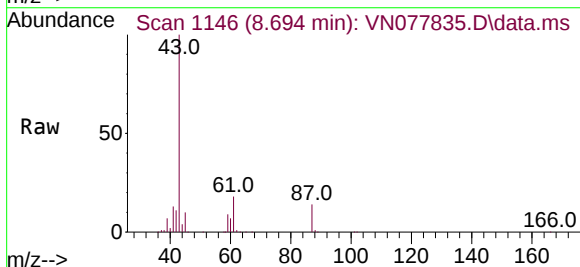
Tgt Ion: 43 Resp: 338977

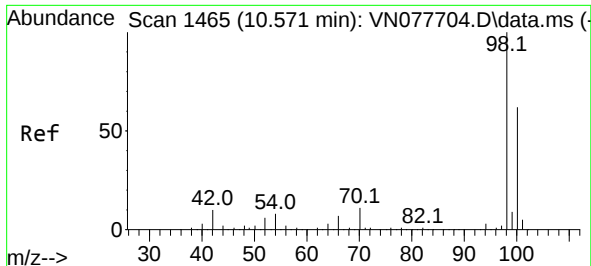
Ion Ratio Lower Upper

43 100

61 15.8 24.7 37.1#

87 12.2 14.6 21.8#

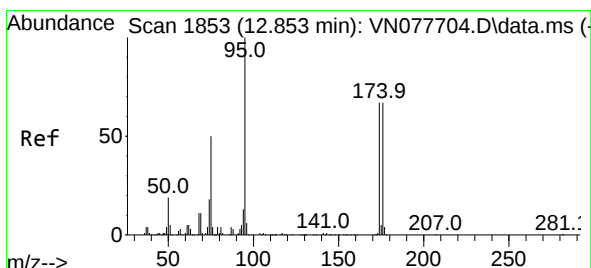
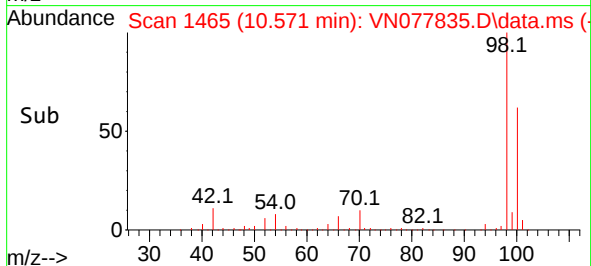
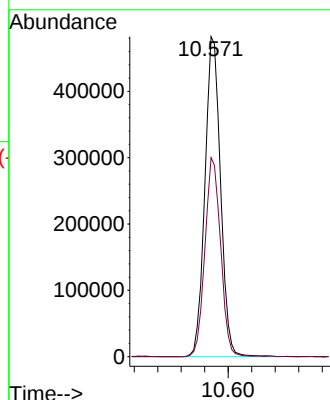
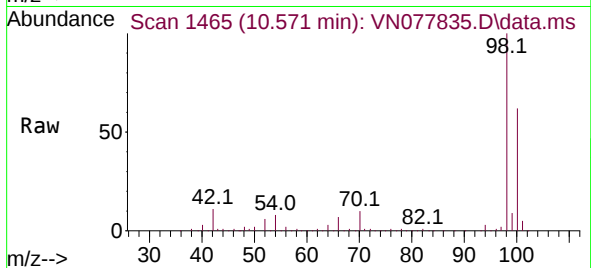




#50
Toluene-d8
Concen: 49.634 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077835.D
Acq: 24 May 2023 03:02

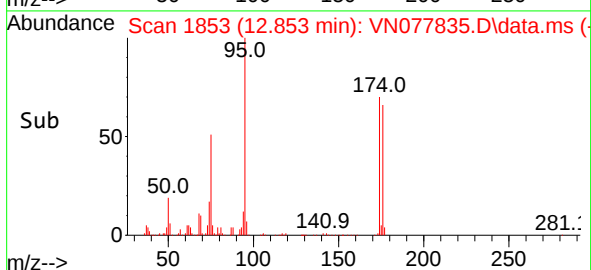
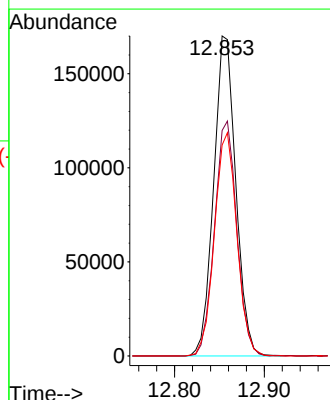
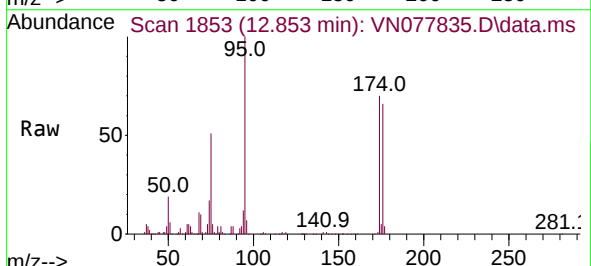
Instrument :
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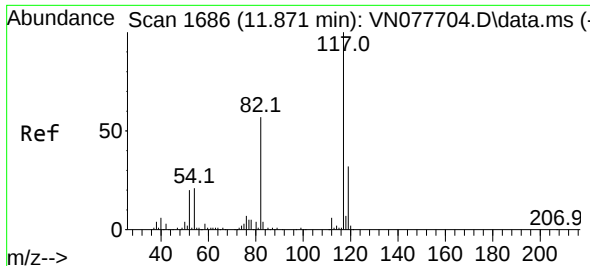
Tgt Ion: 98 Resp: 887336
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077835.D
Acq: 24 May 2023 03:02

Tgt Ion: 95 Resp: 291036
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.8 0.0 135.8

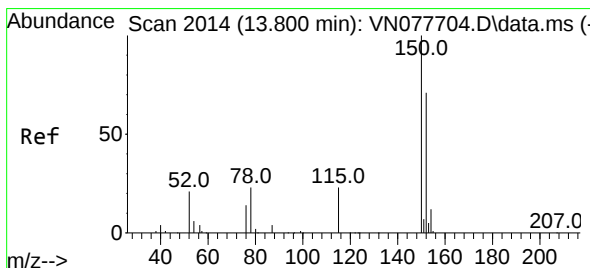
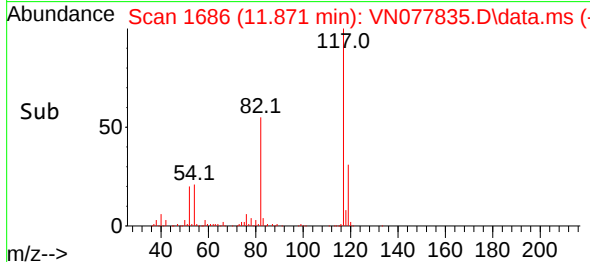
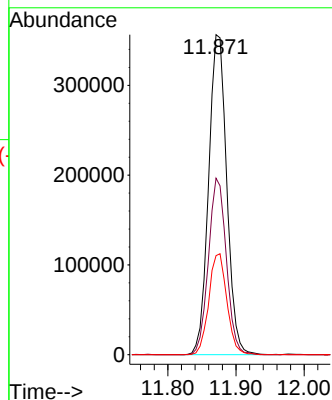
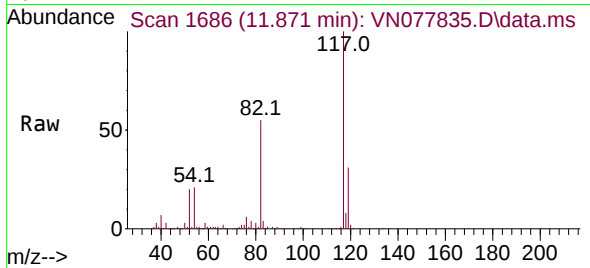




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077835.D
Acq: 24 May 2023 03:02

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 658197
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 30.9 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: VN077835.D
Acq: 24 May 2023 03:02

Tgt Ion:152 Resp: 216989
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 160.9 0.0 355.8

