

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079945.D
 Acq On : 07 Nov 2023 04:54
 Operator : JC\MD
 Sample : 05256-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11

Quant Time: Nov 07 06:54:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

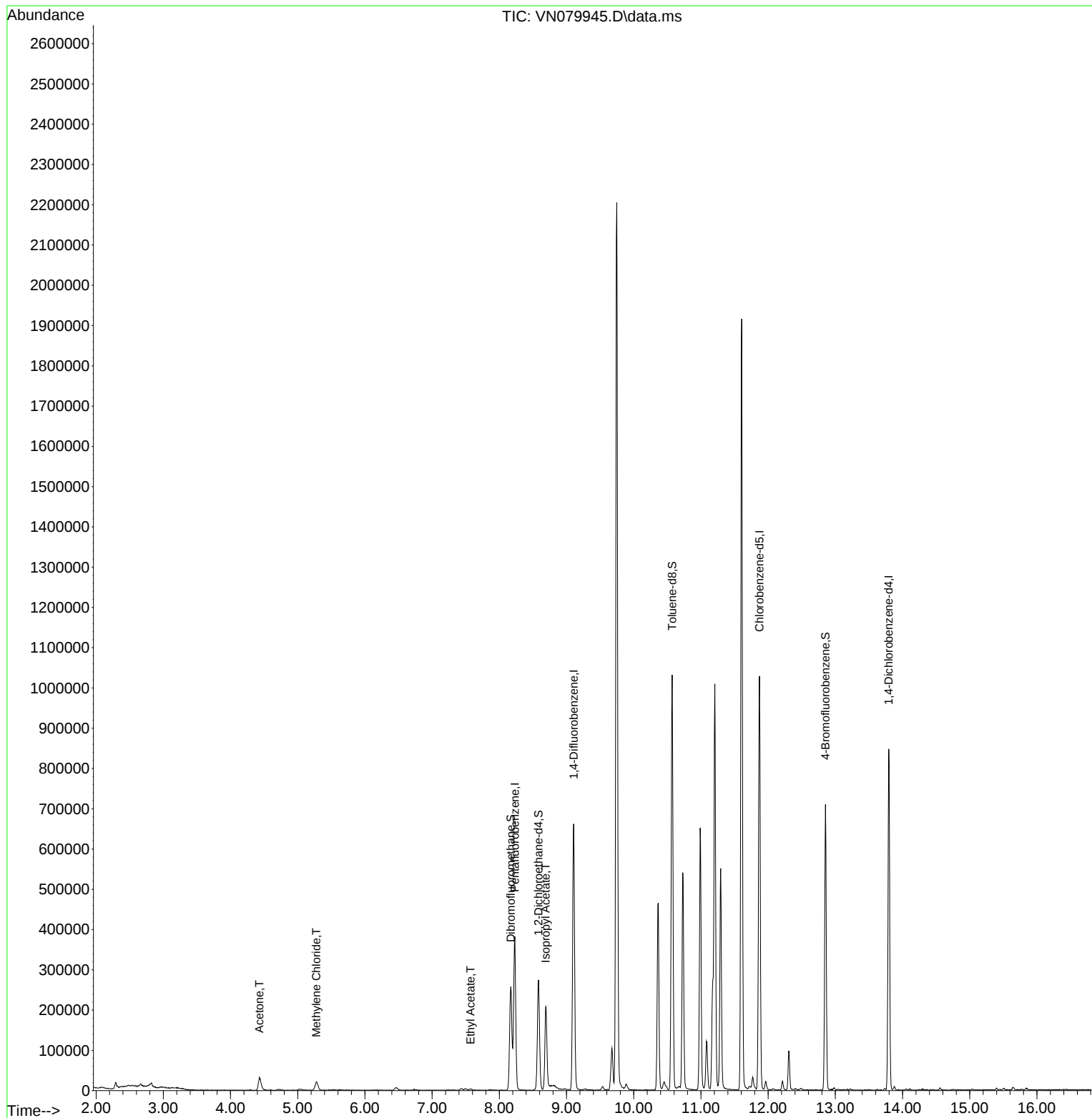
Internal Standards						
1) Pentafluorobenzene	8.230	168	259577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	583178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222742	56.323	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.640%
35) Dibromofluoromethane	8.171	113	187758	48.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	10.571	98	692466	48.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.853	95	232369	48.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	59652	42.942	ug/l	93
20) Methylene Chloride	5.277	84	15656	4.467	ug/l	89
37) Ethyl Acetate	7.571	43	6426	1.262	ug/l #	81
43) Isopropyl Acetate	8.688	43	235296	26.343	ug/l #	80

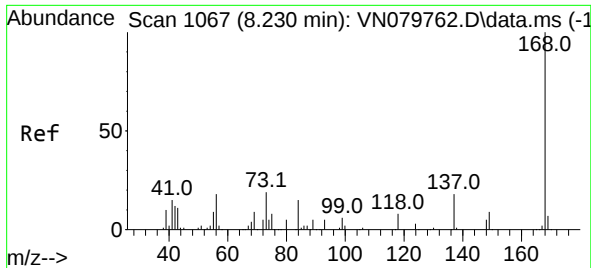
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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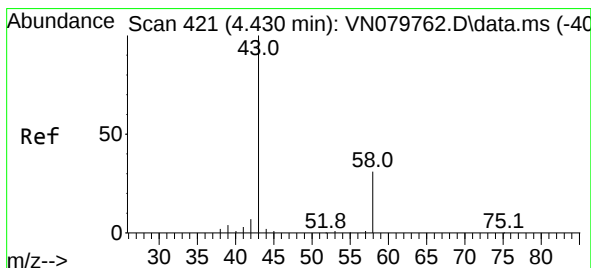
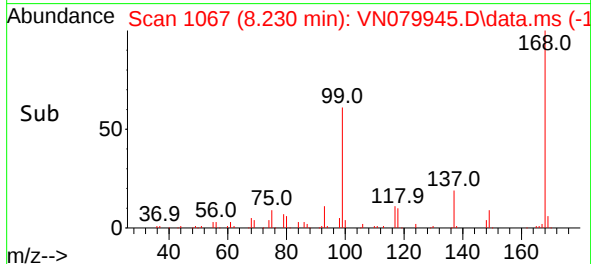
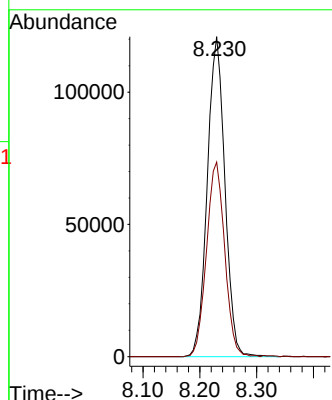
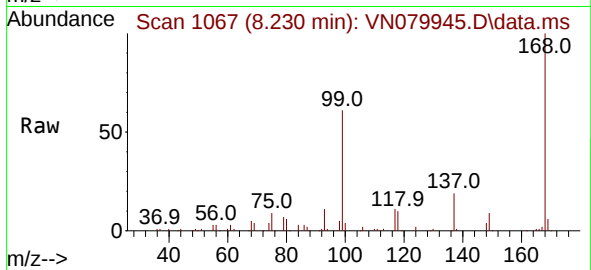




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

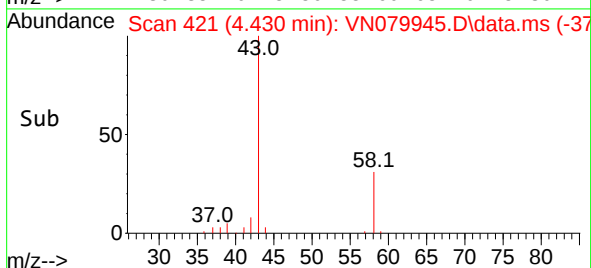
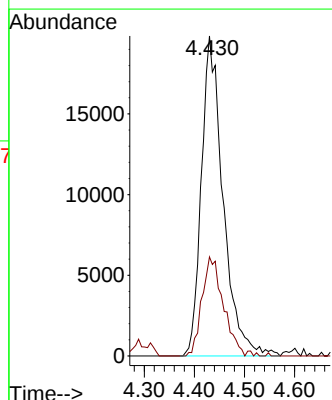
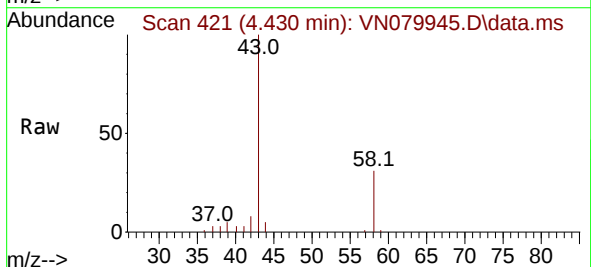
Instrument :
MSVOA_N
ClientSampleId :
WC-11

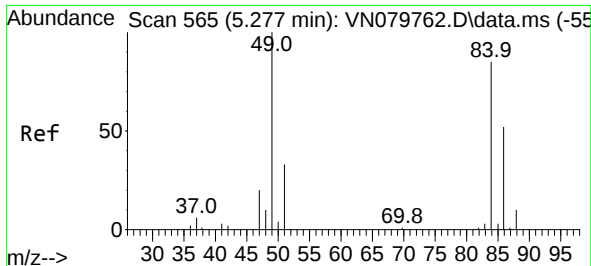
Tgt Ion:168 Resp: 259577
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 42.942 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Tgt Ion: 43 Resp: 59652
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0



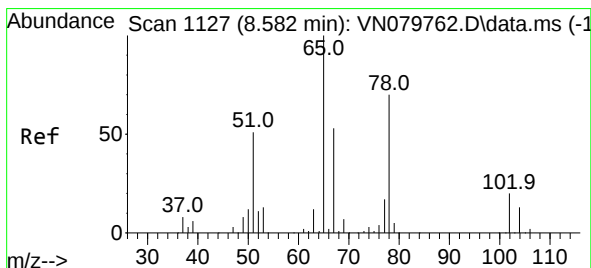
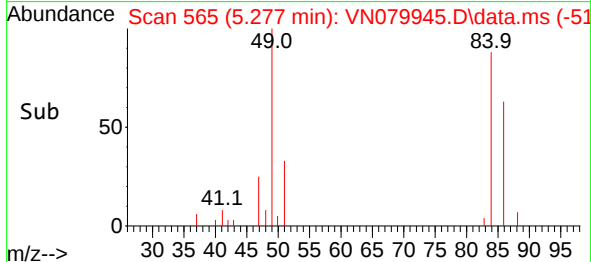
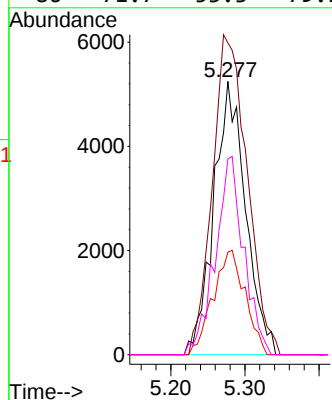
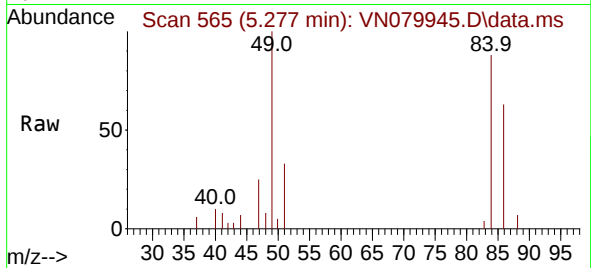


#20
Methylene Chloride
Concen: 4.467 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Instrument :
MSVOA_N
ClientSampleId :
WC-11

Tgt Ion: 84 Resp: 15656

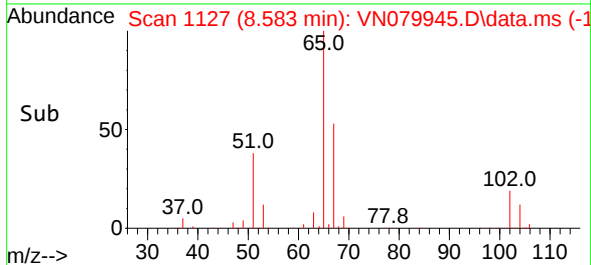
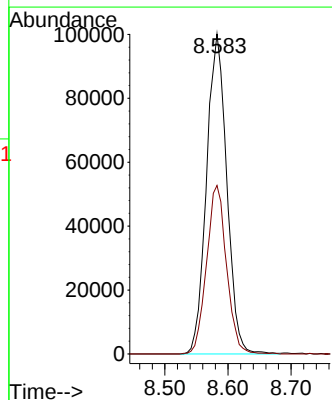
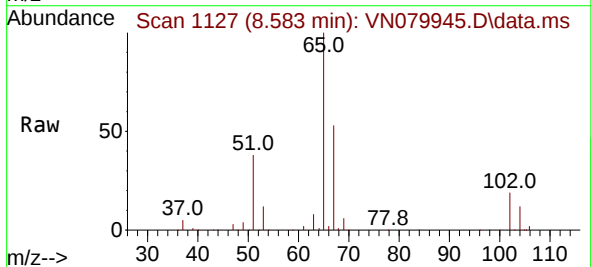
Ion	Ratio	Lower	Upper
84	100		
49	114.1	79.7	119.5
51	37.5	25.2	37.8
86	71.7	53.3	79.9

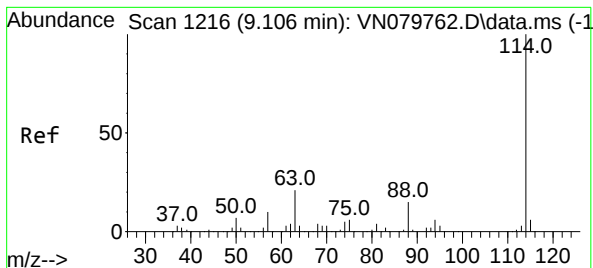


#33
1,2-Dichloroethane-d4
Concen: 56.323 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Tgt Ion: 65 Resp: 222742

Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN079945.D

Acq: 07 Nov 2023 04:54

Instrument :

MSVOA_N

ClientSampleId :

WC-11

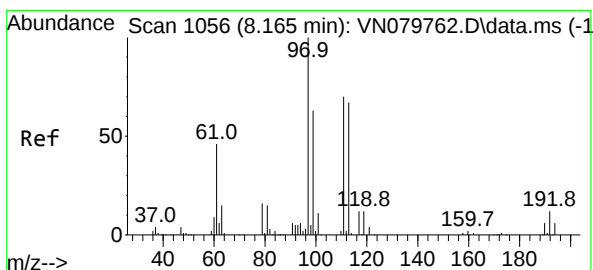
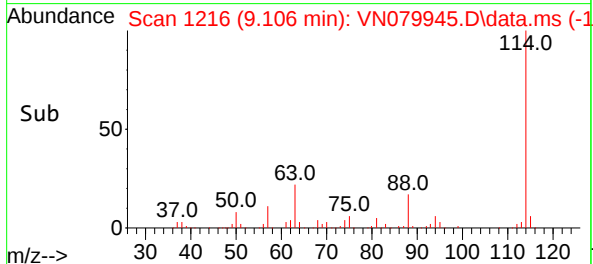
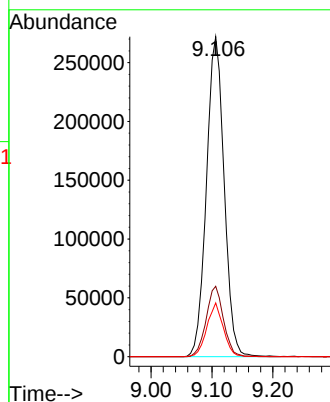
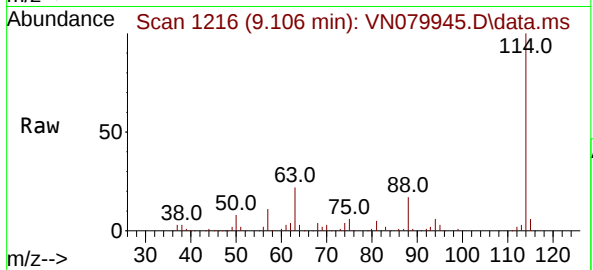
Tgt Ion:114 Resp: 549543

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.274 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079945.D

Acq: 07 Nov 2023 04:54

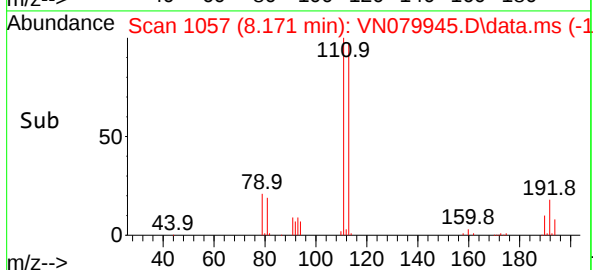
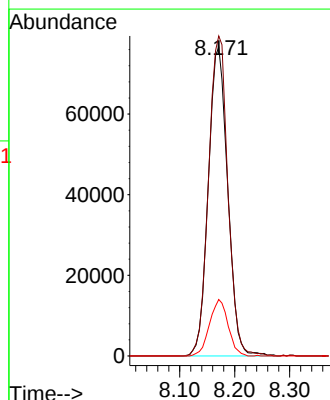
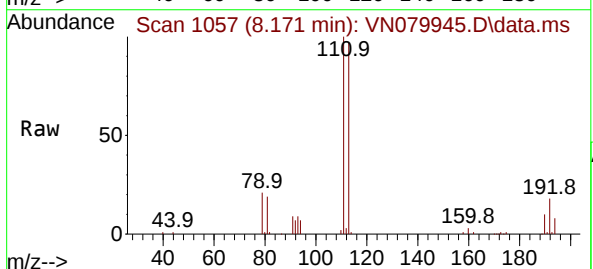
Tgt Ion:113 Resp: 187758

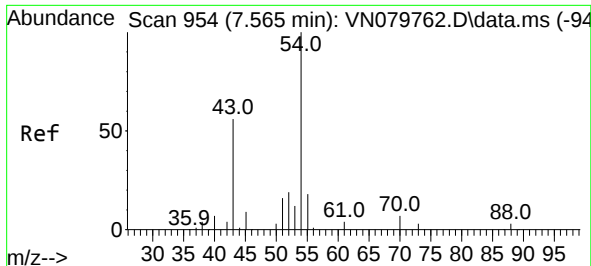
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.6 12.7 19.1

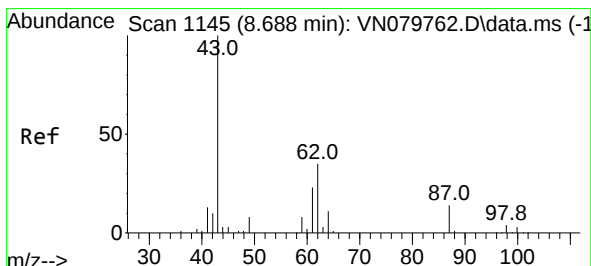
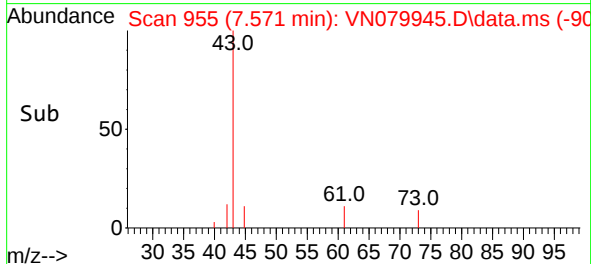
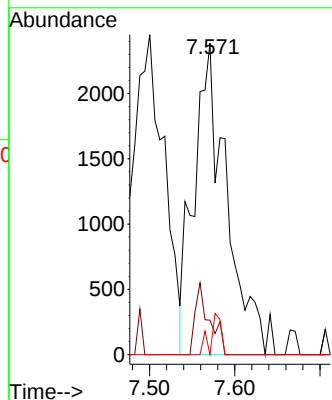
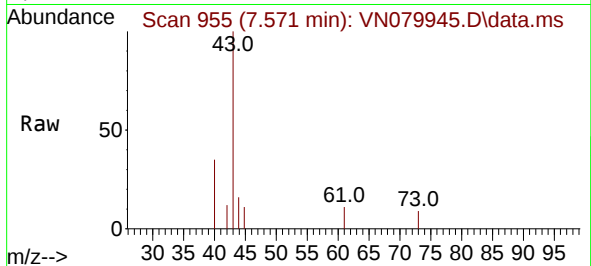




#37
Ethyl Acetate
Concen: 1.262 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

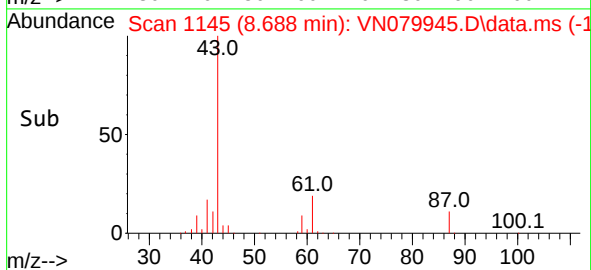
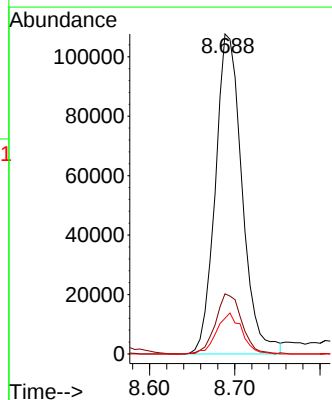
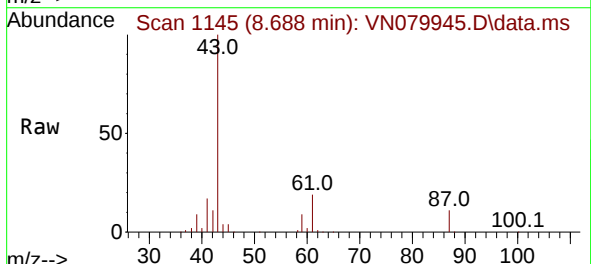
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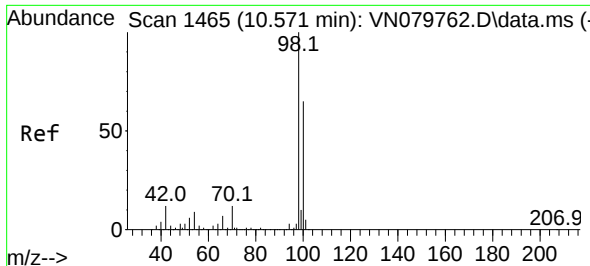
Tgt Ion: 43 Resp: 6426
Ion Ratio Lower Upper
43 100
61 10.0 13.2 19.8#
70 4.2 11.3 16.9#



#43
Isopropyl Acetate
Concen: 26.343 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Tgt Ion: 43 Resp: 235296
Ion Ratio Lower Upper
43 100
61 18.3 24.7 37.1#
87 12.0 14.6 21.8#

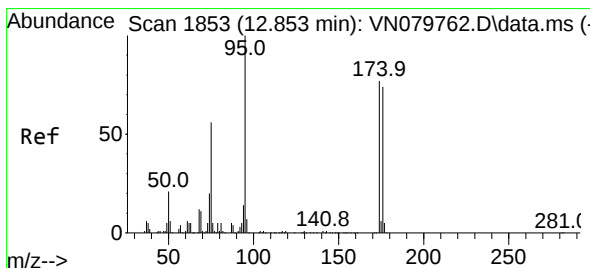
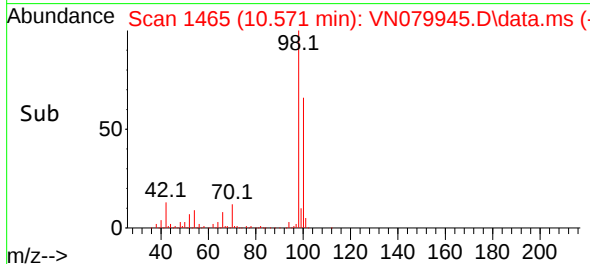
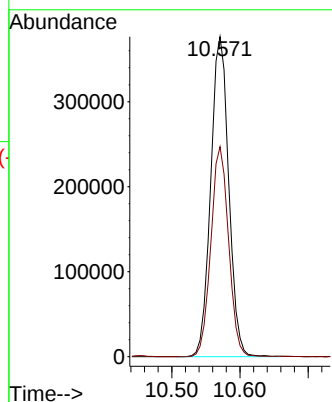
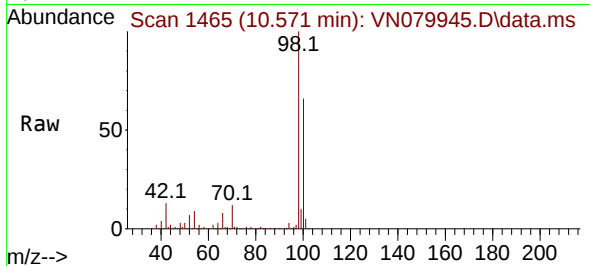




#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

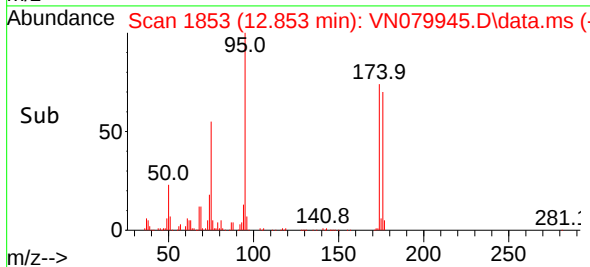
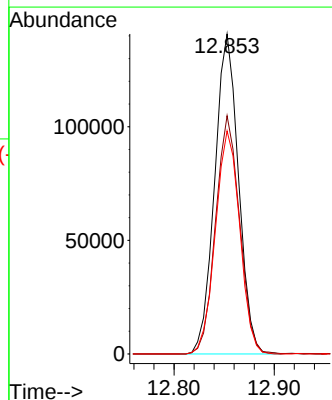
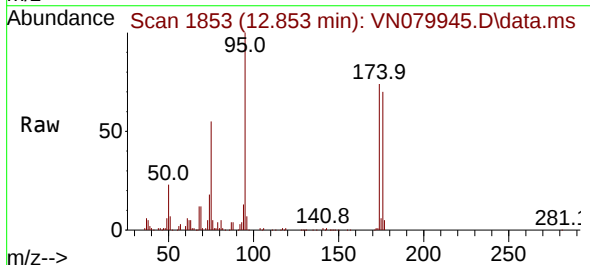
Instrument :
MSVOA_N
ClientSampleId :
WC-11

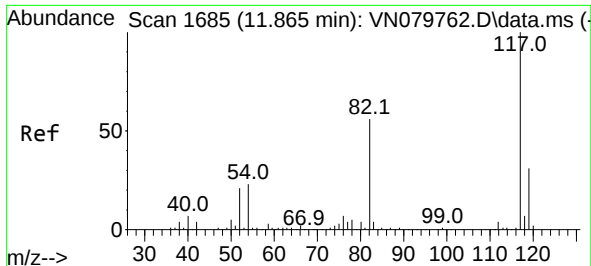
Tgt Ion: 98 Resp: 692466
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.933 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Tgt Ion: 95 Resp: 232369
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.2 0.0 135.8

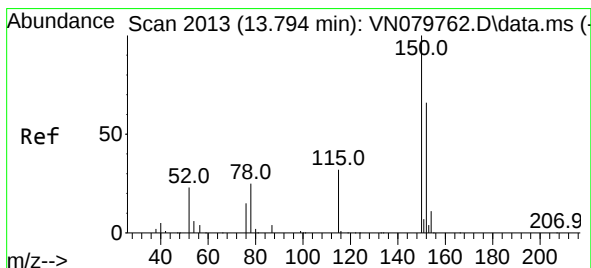
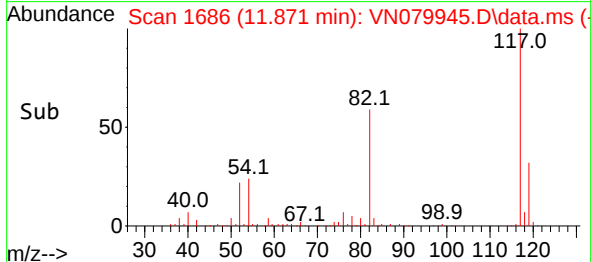
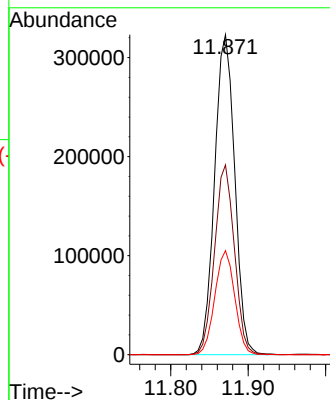
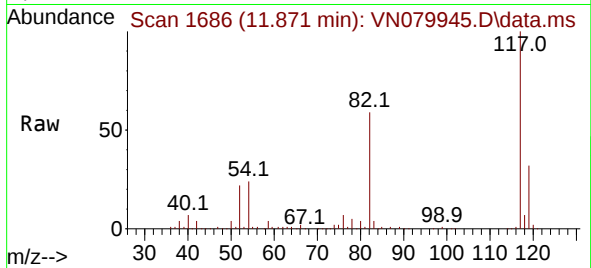




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Instrument :
MSVOA_N
ClientSampleId :
WC-11

Tgt Ion:117 Resp: 583178
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079945.D
Acq: 07 Nov 2023 04:54

Tgt Ion:152 Resp: 217000
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 158.8 0.0 355.8

