

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077925.D
 Acq On : 26 May 2023 14:17
 Operator : JC\MD
 Sample : 02924-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-002-003-2

Quant Time: May 29 00:28:47 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)

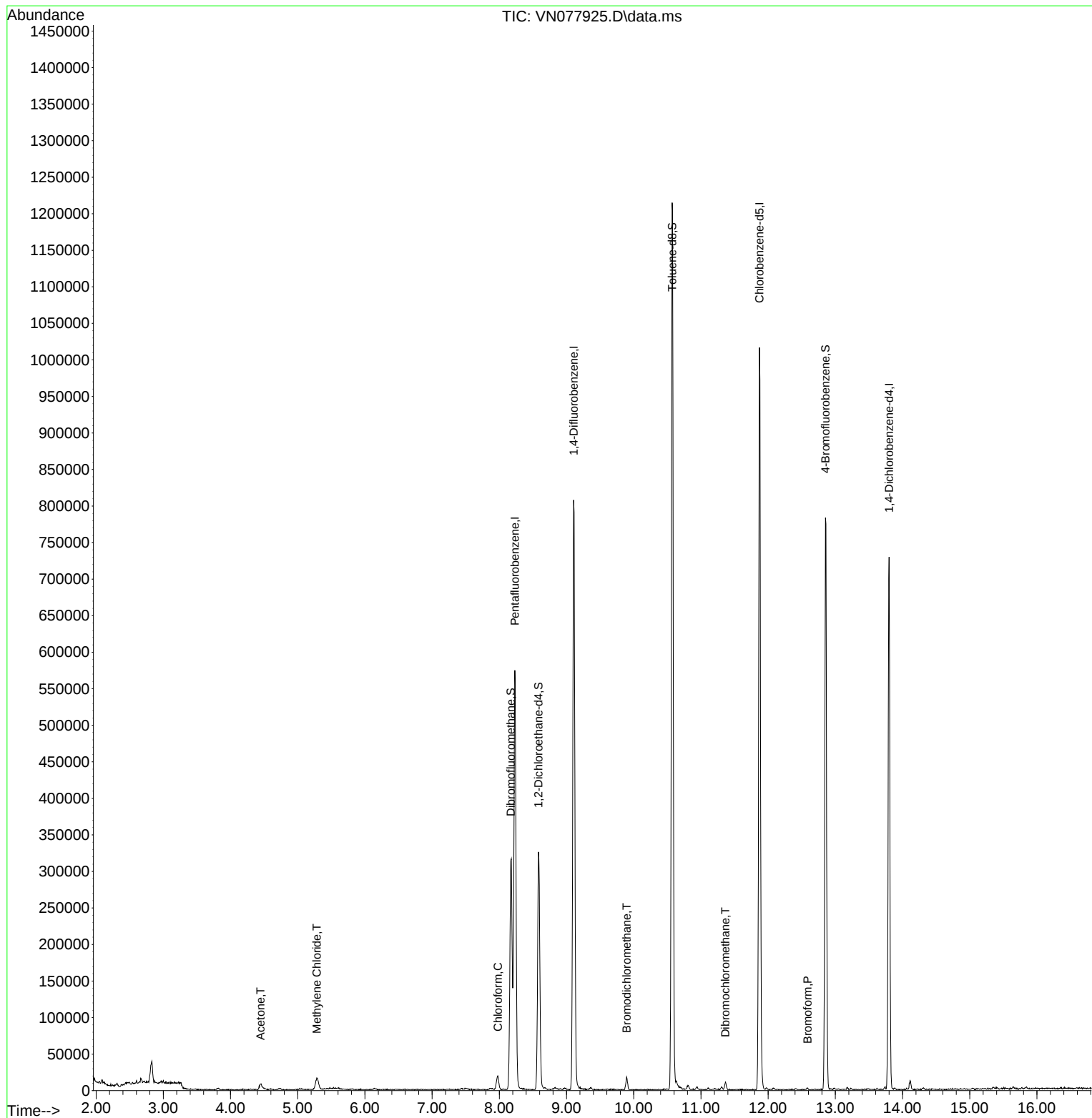
Internal Standards						
1) Pentafluorobenzene	8.230	168	408800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	725882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	270762	44.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	8.171	113	233186	49.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	10.571	98	893488	49.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.853	95	286064	44.457	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	13768	7.154	ug/l	95
20) Methylene Chloride	5.283	84	13420	0.732	ug/l #	93
30) Chloroform	7.977	83	18380	1.842	ug/l	88
47) Bromodichloromethane	9.895	83	10197	1.428	ug/l	93
60) Dibromochloromethane	11.365	129	5872	1.126	ug/l	89
71) Bromoform	12.588	173	802	0.258	ug/l #	82

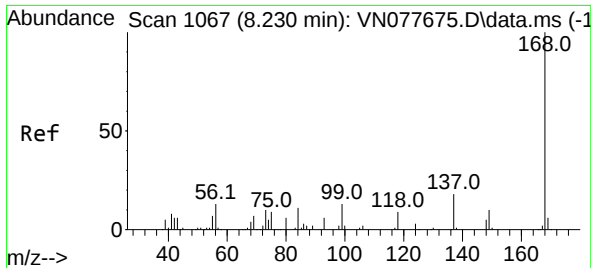
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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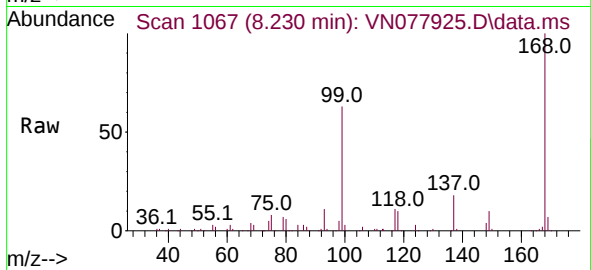
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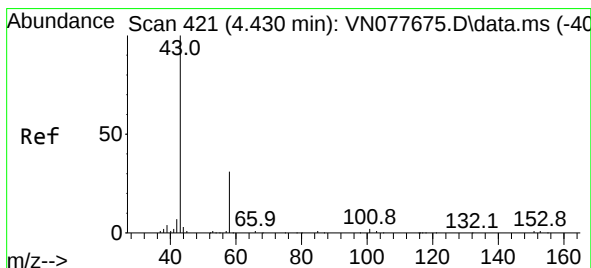
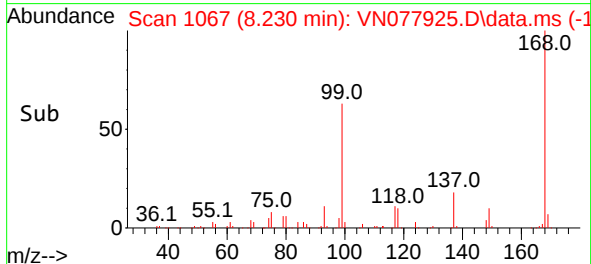
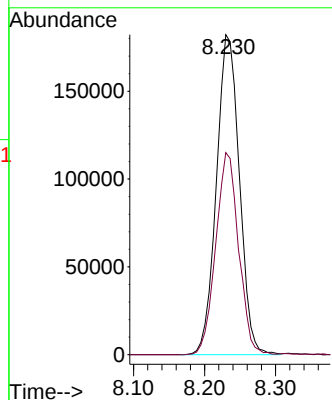


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Instrument :
MSVOA_N
ClientSampleId :
001-002-003-2

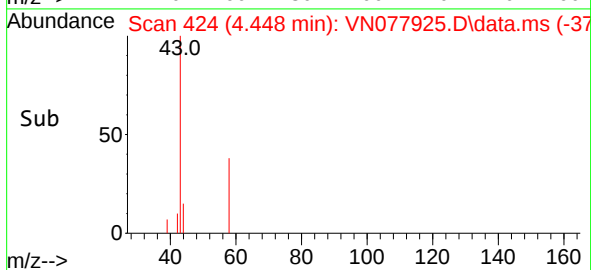
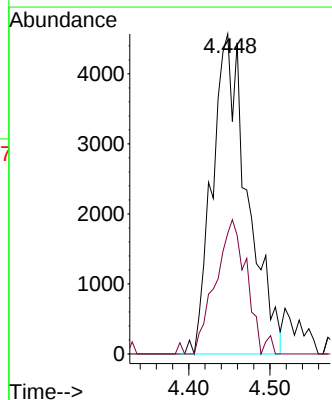
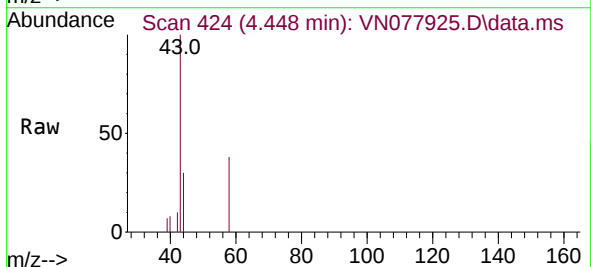


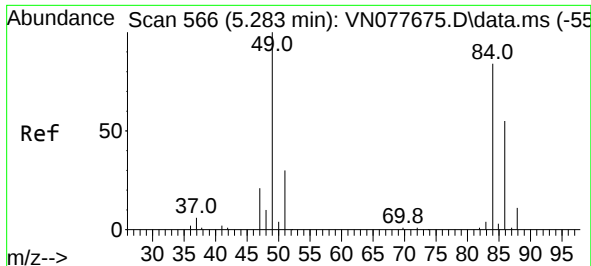
Tgt Ion:168 Resp: 408800
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 7.154 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion: 43 Resp: 13768
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0

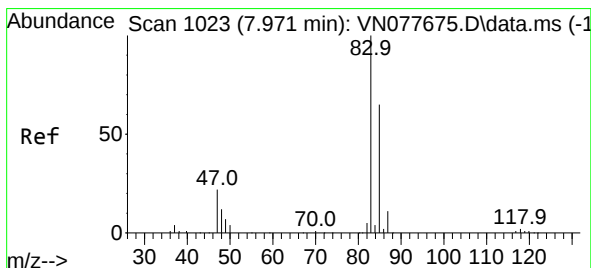
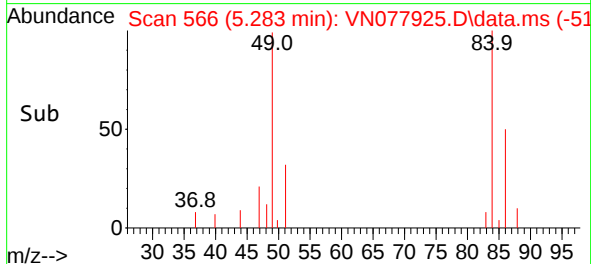
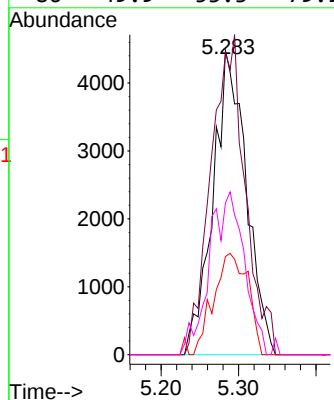
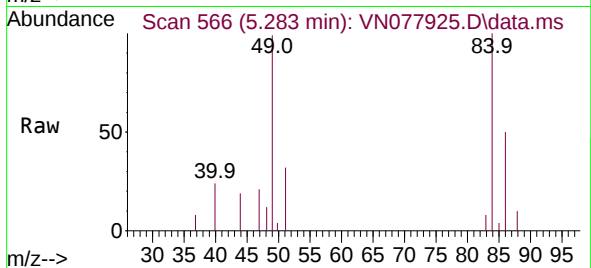




#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

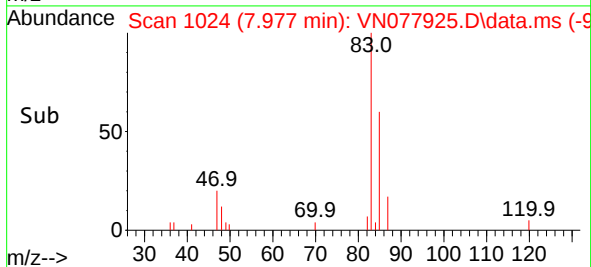
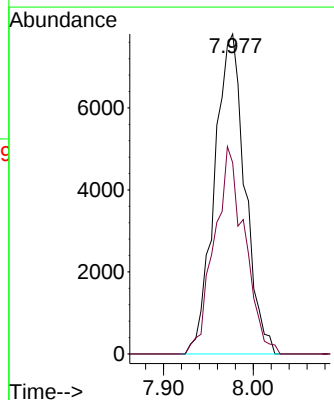
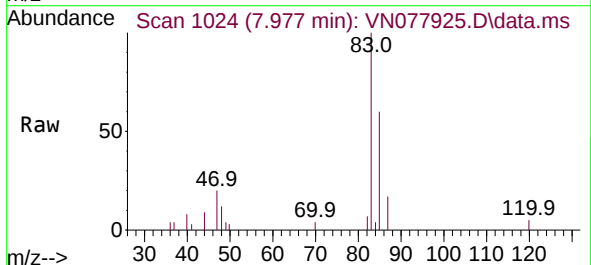
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-2

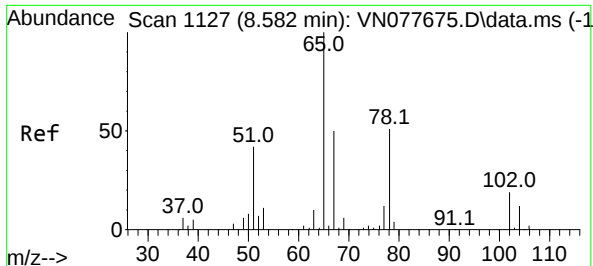
Tgt Ion:	84	Resp:	13420
Ion	Ratio	Lower	Upper
84	100		
49	99.5	79.7	119.5
51	32.3	25.2	37.8
86	49.9	53.3	79.9#



#30
Chloroform
Concen: 1.842 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion:	83	Resp:	18380
Ion	Ratio	Lower	Upper
83	100		
85	59.8	55.4	83.0





#33

1,2-Dichloroethane-d4

Concen: 44.266 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077925.D

Acq: 26 May 2023 14:17

Instrument :

MSVOA_N

ClientSampleId :

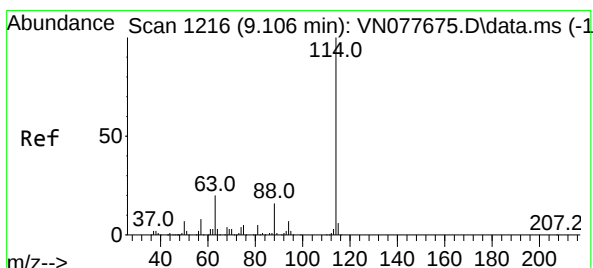
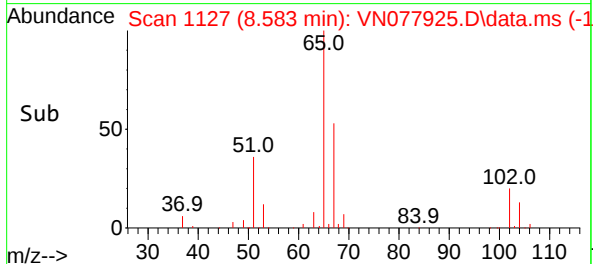
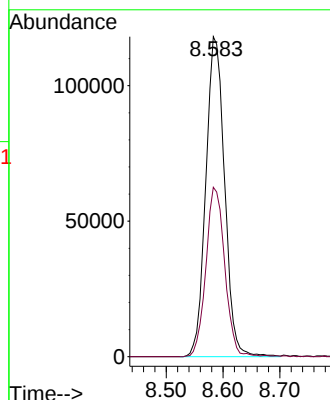
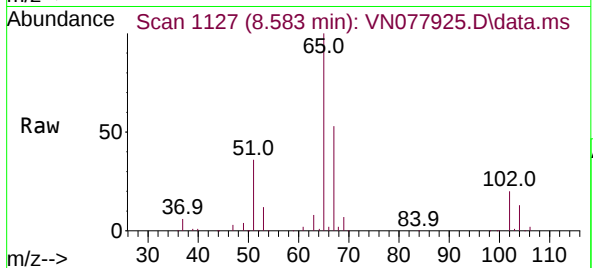
001-002-003-2

Tgt Ion: 65 Resp: 270762

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077925.D

Acq: 26 May 2023 14:17

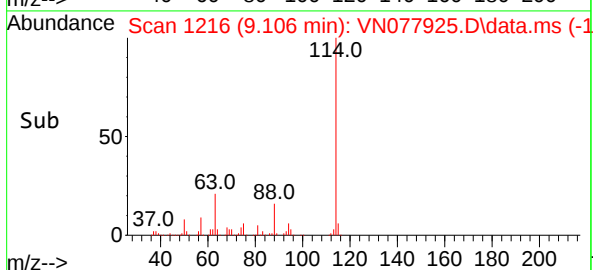
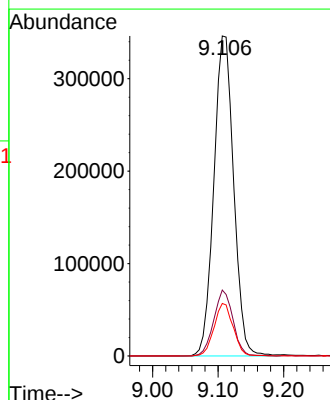
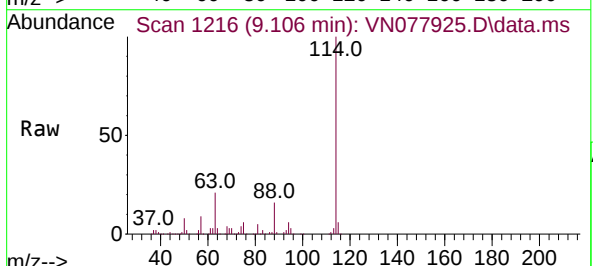
Tgt Ion: 114 Resp: 725882

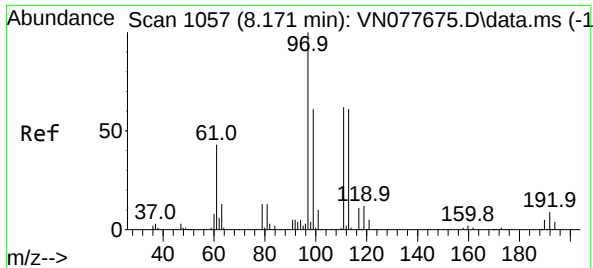
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.4 0.0 30.6

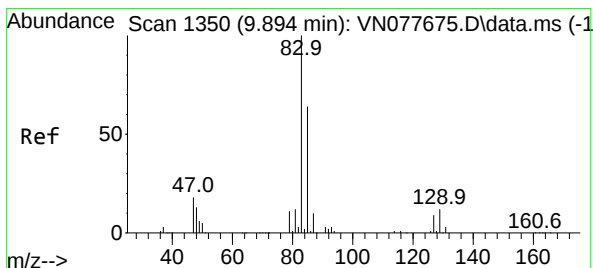
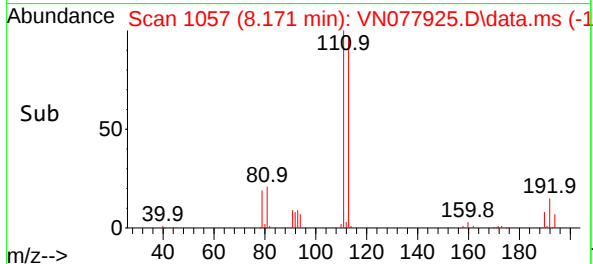
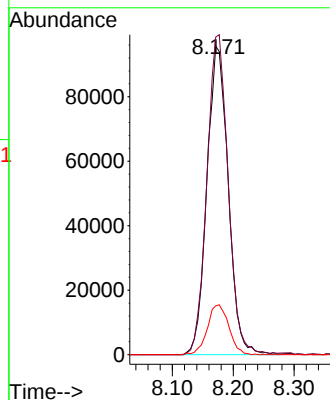
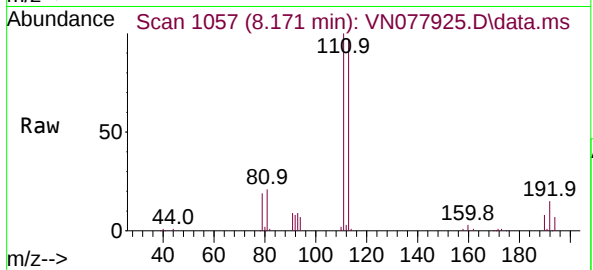




#35
Dibromofluoromethane
Concen: 49.264 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

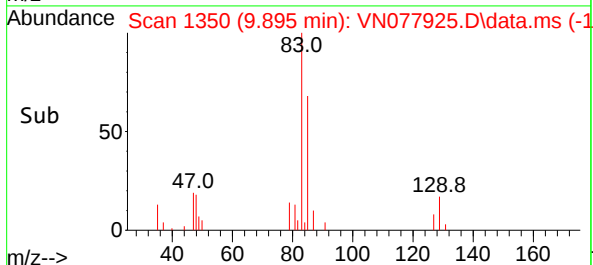
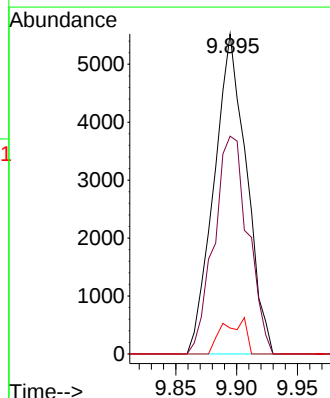
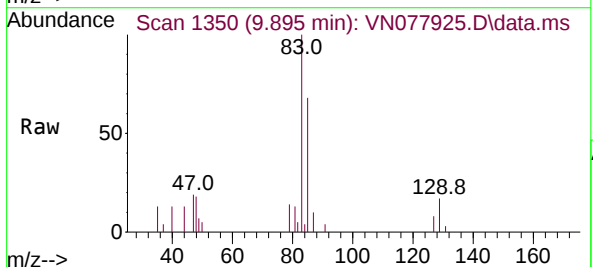
Instrument :
MSVOA_N
ClientSampleId :
001-002-003-2

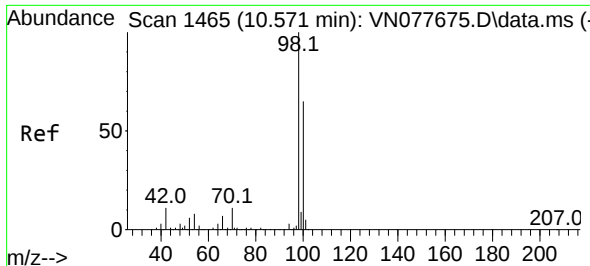
Tgt Ion:113 Resp: 233186
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.3 12.7 19.1



#47
Bromodichloromethane
Concen: 1.428 ug/l
RT: 9.895 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion: 83 Resp: 10197
Ion Ratio Lower Upper
83 100
85 68.1 49.6 74.4
127 8.1 7.0 10.6

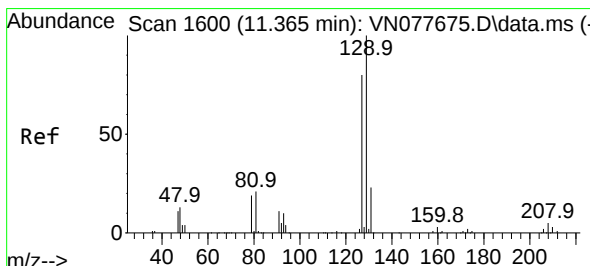
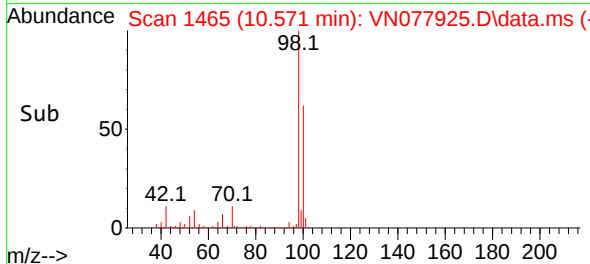
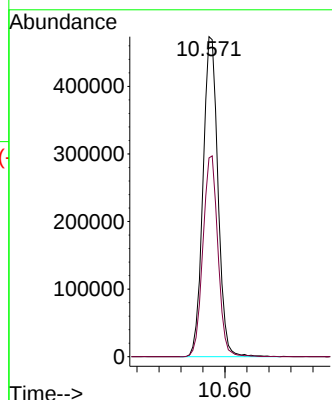
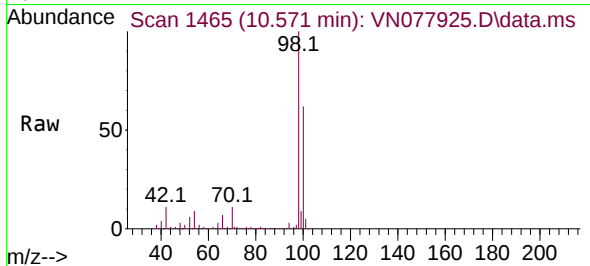




#50
Toluene-d8
Concen: 49.041 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

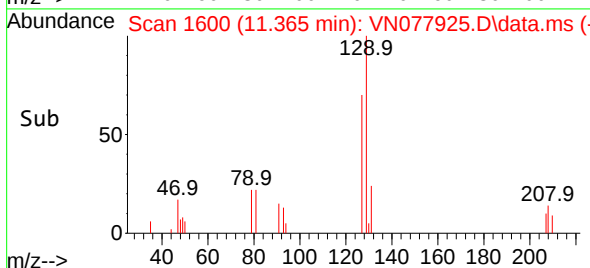
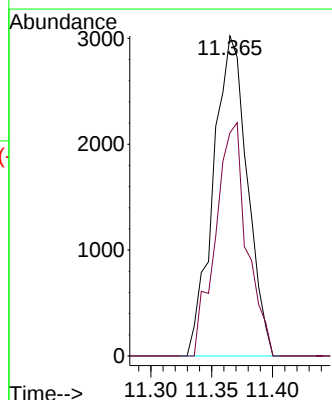
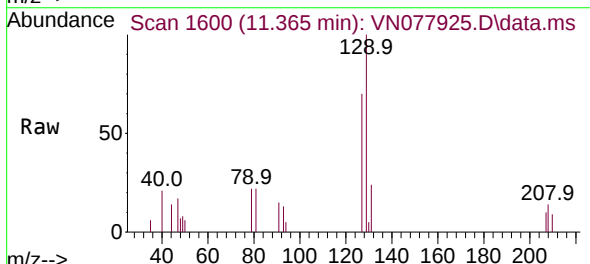
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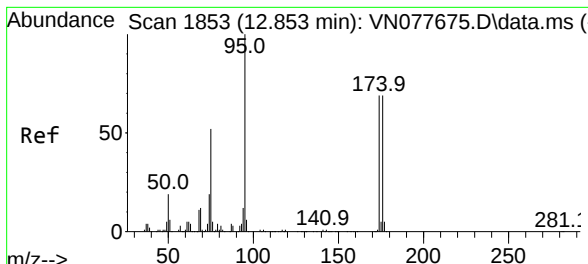
Tgt Ion: 98 Resp: 893488
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#60
Dibromochloromethane
Concen: 1.126 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion:129 Resp: 5872
Ion Ratio Lower Upper
129 100
127 67.4 38.6 116.0

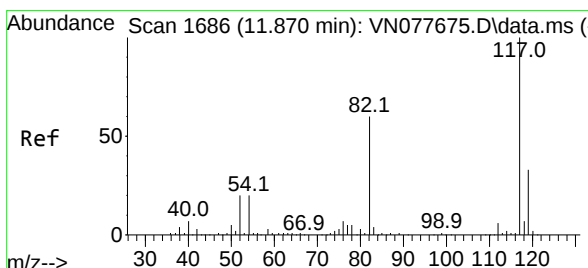
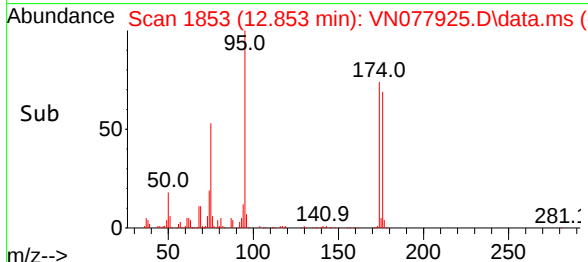
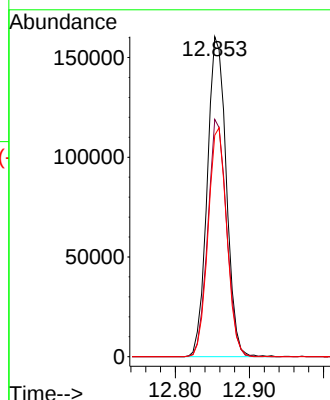
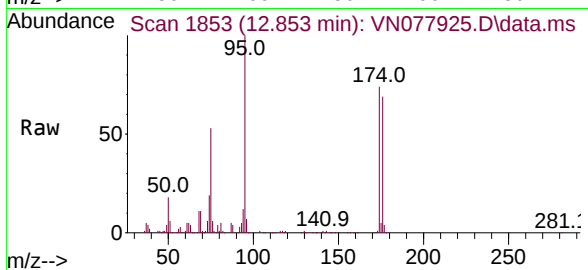




#62
4-Bromofluorobenzene
Concen: 44.457 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

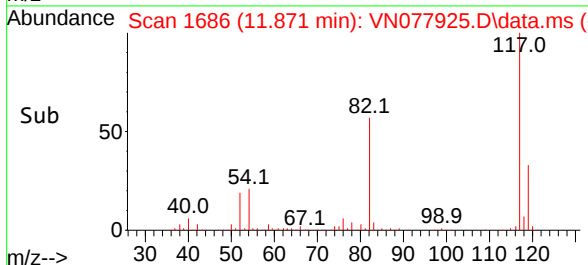
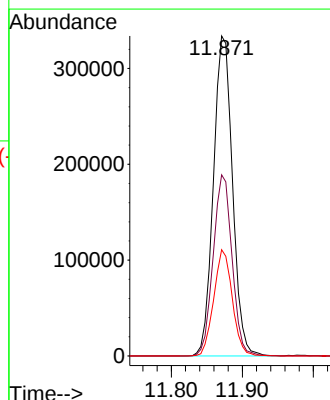
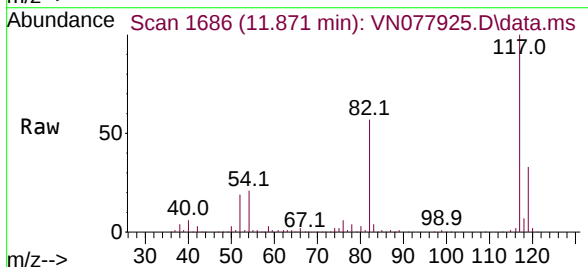
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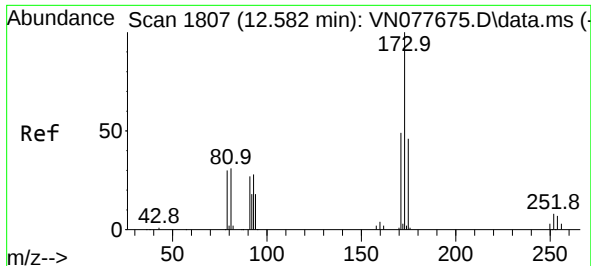
Tgt Ion:	95	Resp:	286064
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	143.8
176	70.2	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion:	117	Resp:	622405
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	33.2	25.6	38.4

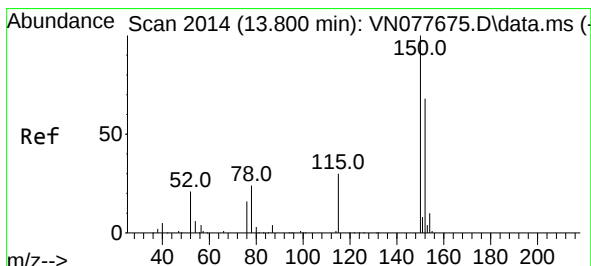
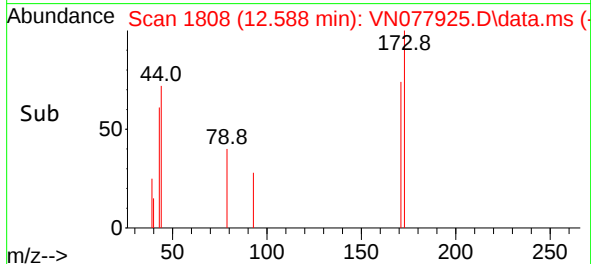
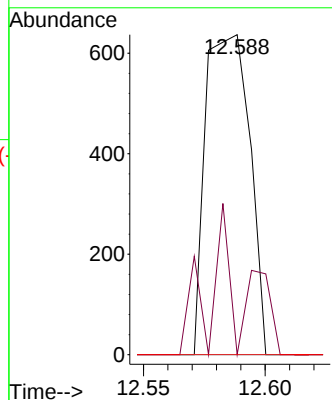
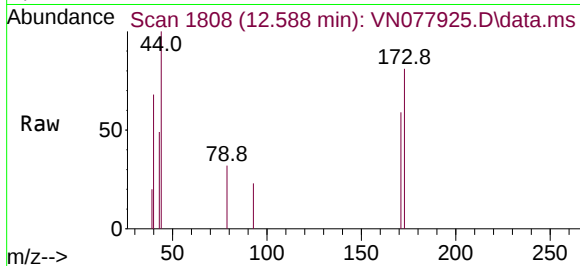




#71
Bromoform
Concen: 0.258 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Instrument :
MSVOA_N
ClientSampleId :
001-002-003-2

Tgt Ion:173 Resp: 802
Ion Ratio Lower Upper
173 100
175 36.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN077925.D
Acq: 26 May 2023 14:17

Tgt Ion:152 Resp: 196311
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 158.7 0.0 355.8

