

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075813.D
 Acq On : 15 Dec 2022 13:24
 Operator : JC\MD
 Sample : N5990-11DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120722-2DL

Quant Time: Dec 16 03:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

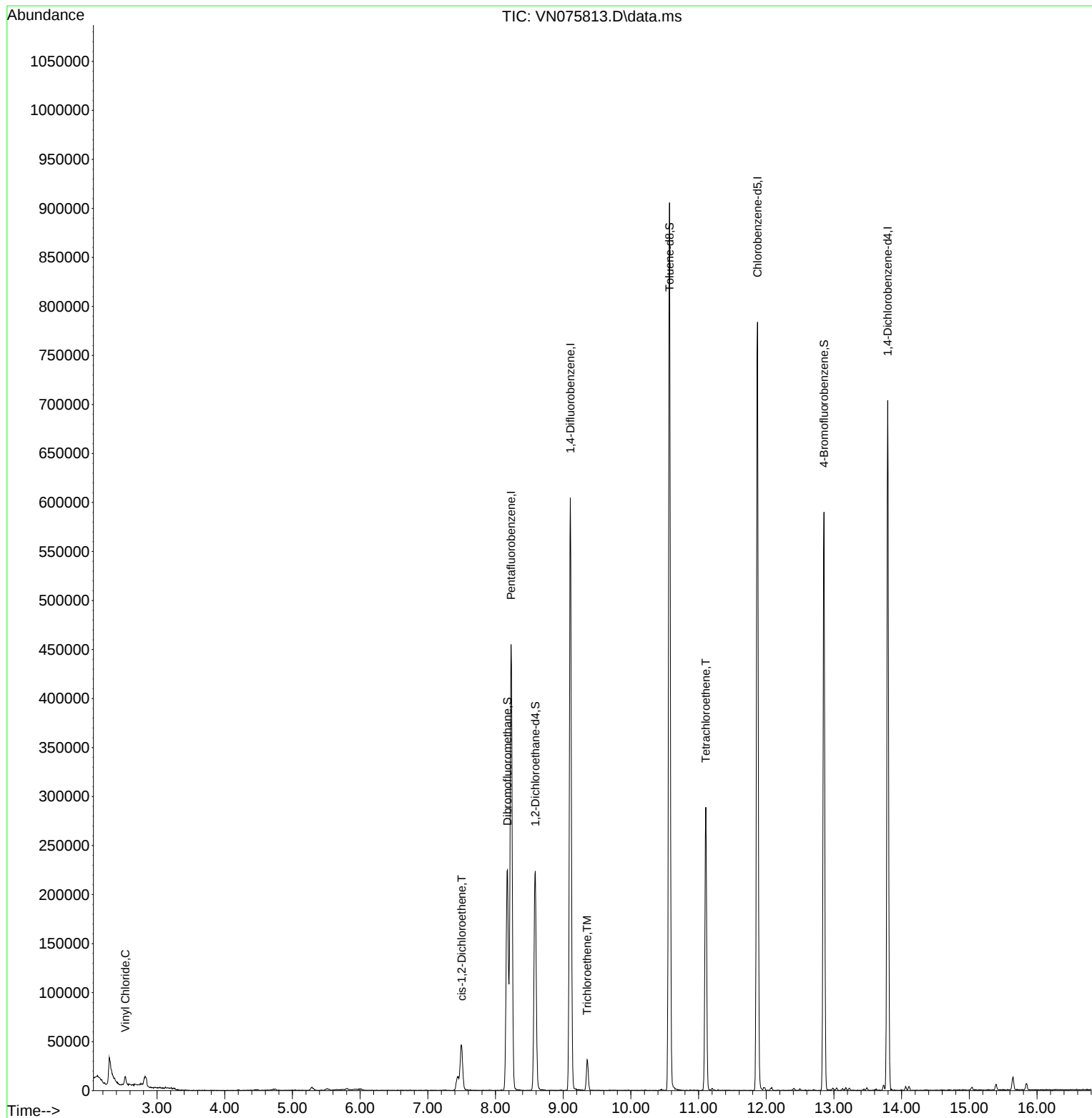
Internal Standards						
1) Pentafluorobenzene	8.230	168	358261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	183539	47.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.180%
35) Dibromofluoromethane	8.177	113	163480	47.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	10.571	98	637036	49.341	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.853	95	194867	45.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.530	62	8705	2.307	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	31520	7.579	ug/l	90
44) Trichloroethene	9.353	130	11825	2.966	ug/l	100
64) Tetrachloroethene	11.106	164	68508	20.259	ug/l	96

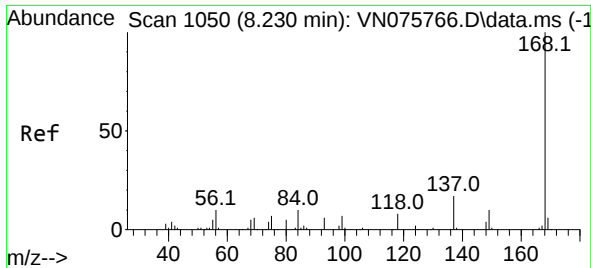
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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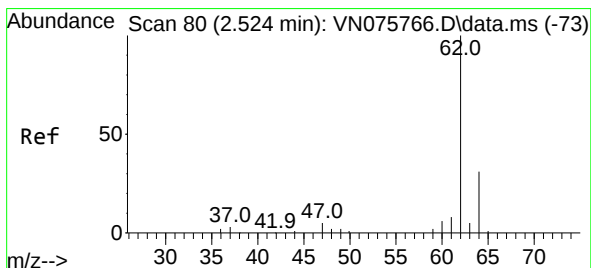
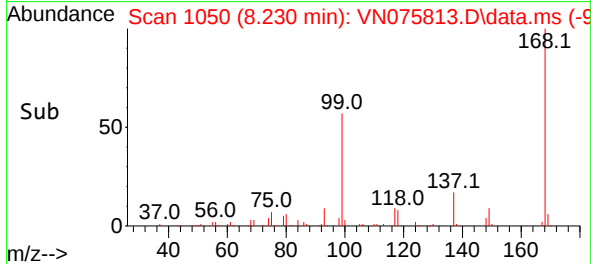
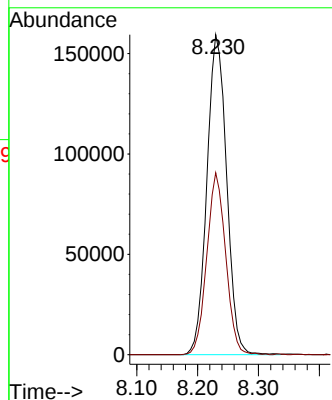
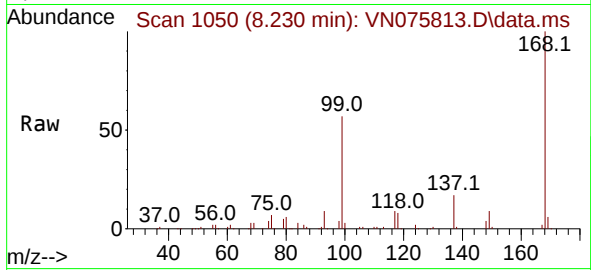




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

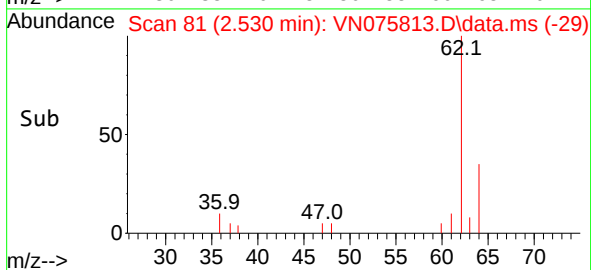
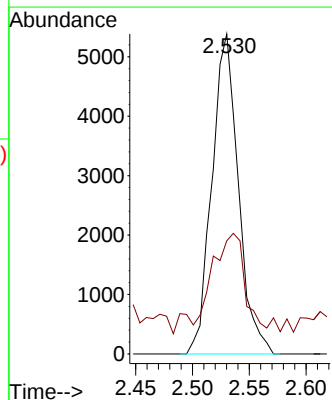
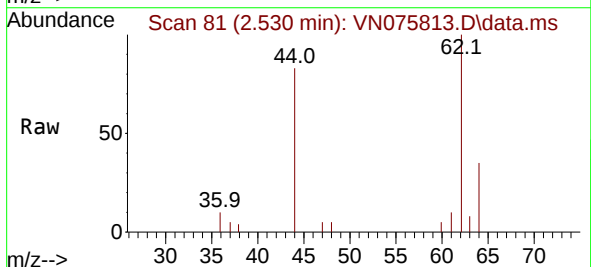
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2DL

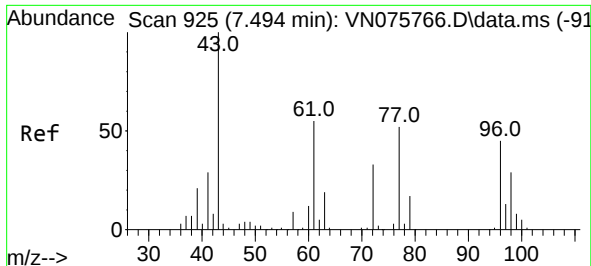
Tgt Ion:168 Resp: 358261
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#4
Vinyl Chloride
Concen: 2.307 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Tgt Ion: 62 Resp: 8705
Ion Ratio Lower Upper
62 100
64 28.4 24.9 37.3

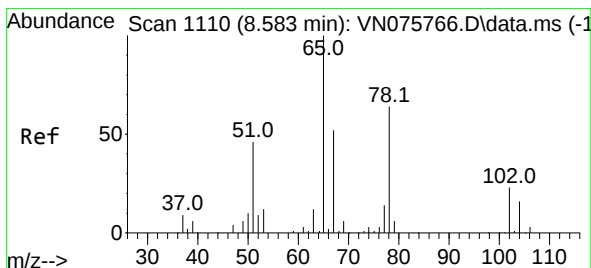
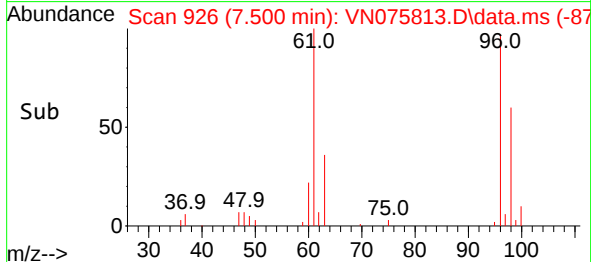
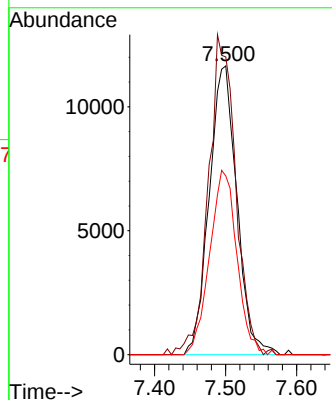
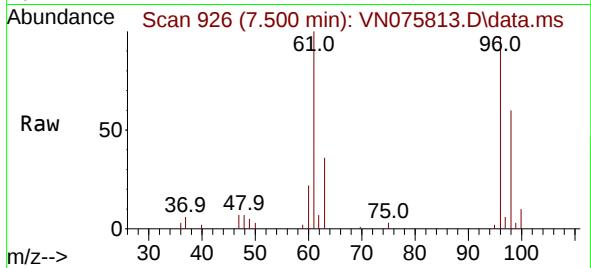




#27
cis-1,2-Dichloroethene
Concen: 7.579 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

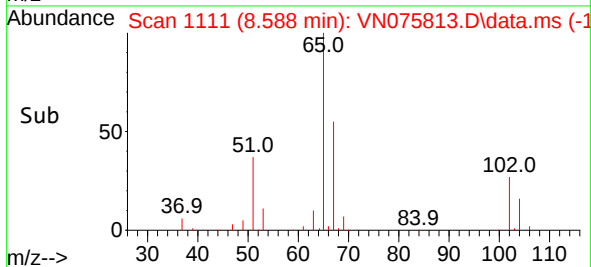
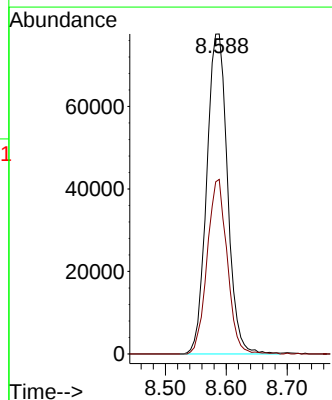
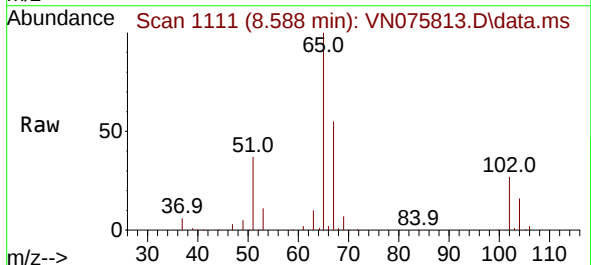
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2DL

Tgt Ion: 96 Resp: 31520
Ion Ratio Lower Upper
96 100
61 108.4 0.0 247.8
98 62.9 0.0 128.4



#33
1,2-Dichloroethane-d4
Concen: 47.091 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Tgt Ion: 65 Resp: 183539
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075813.D

Acq: 15 Dec 2022 13:24

Instrument :

MSVOA_N

ClientSampleId :

DUP120722-2DL

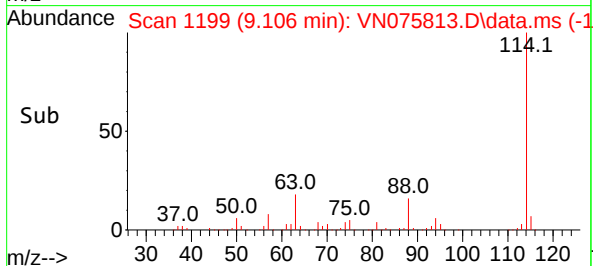
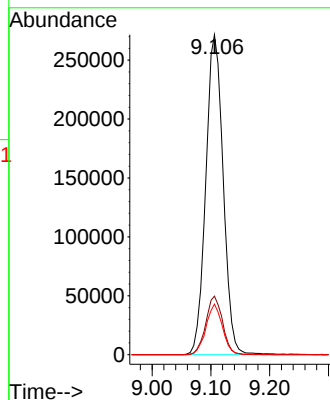
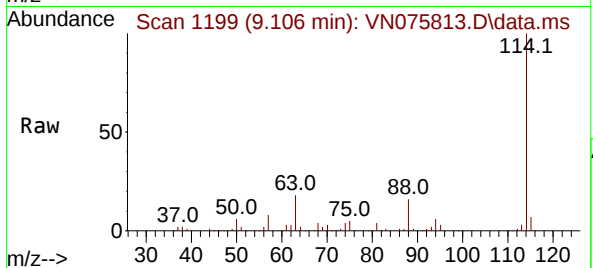
Tgt Ion:114 Resp: 557605

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 15.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.342 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075813.D

Acq: 15 Dec 2022 13:24

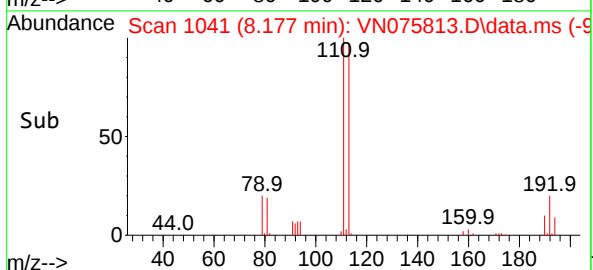
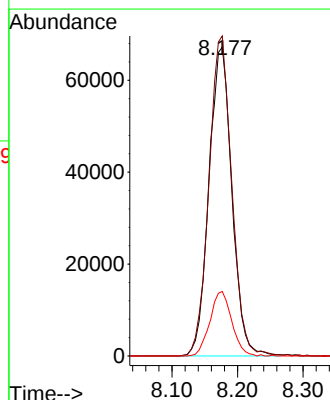
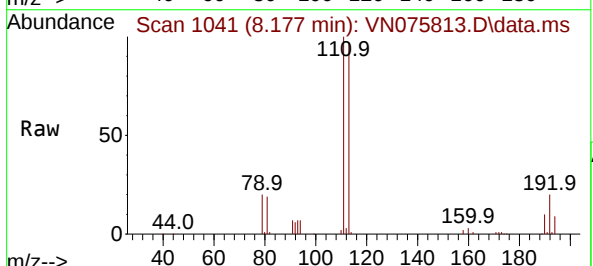
Tgt Ion:113 Resp: 163480

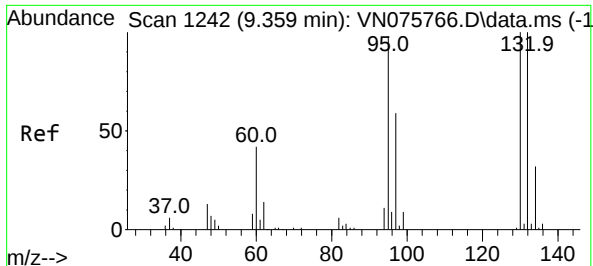
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 19.9 16.1 24.1

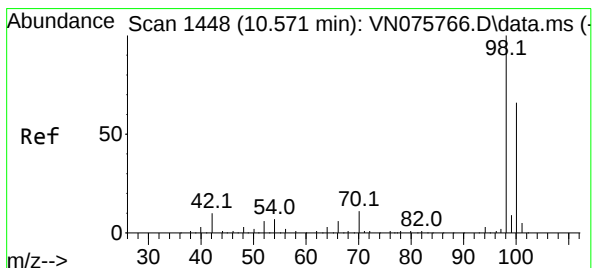
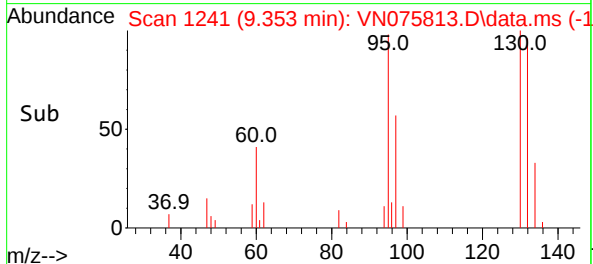
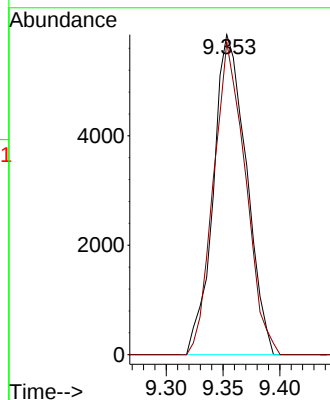
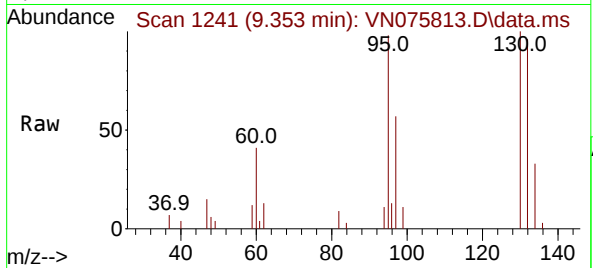




#44
Trichloroethene
Concen: 2.966 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

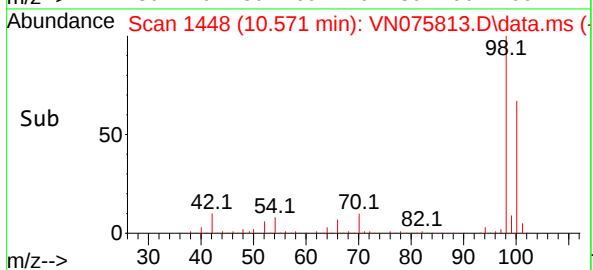
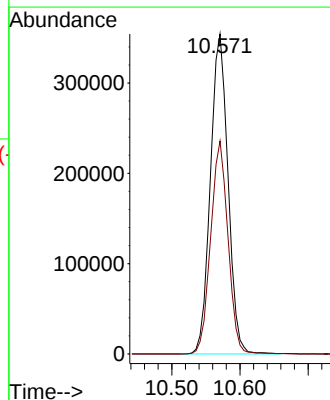
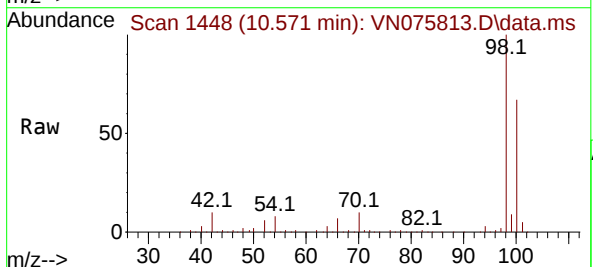
Instrument :
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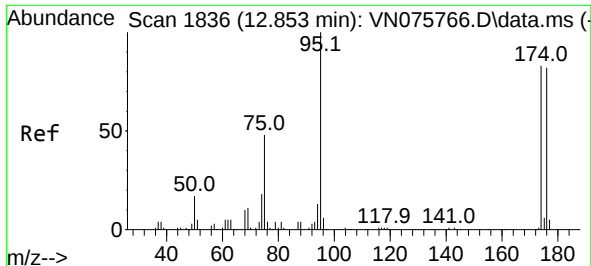
Tgt Ion:130 Resp: 11825
Ion Ratio Lower Upper
130 100
95 97.7 0.0 195.4



#50
Toluene-d8
Concen: 49.341 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Tgt Ion: 98 Resp: 637036
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

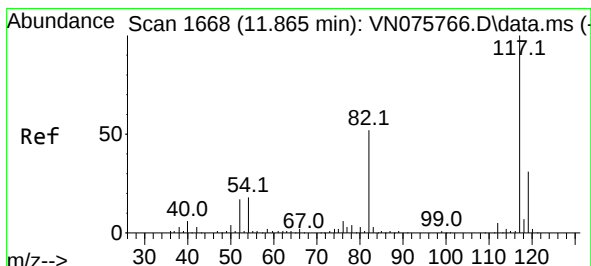
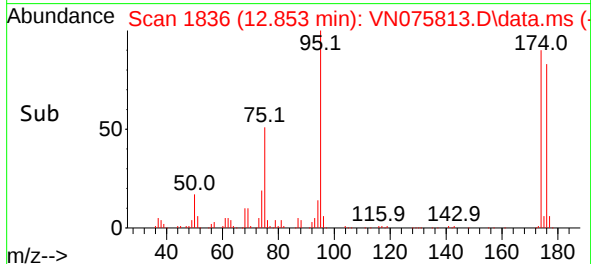
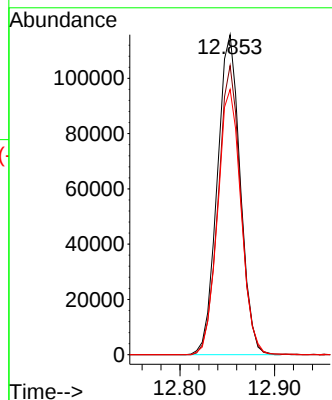
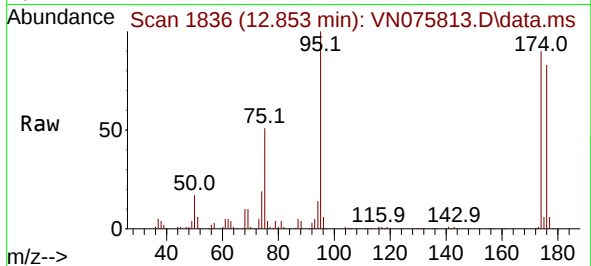




#62
4-Bromofluorobenzene
Concen: 45.569 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

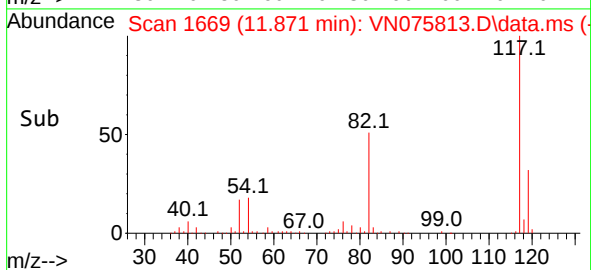
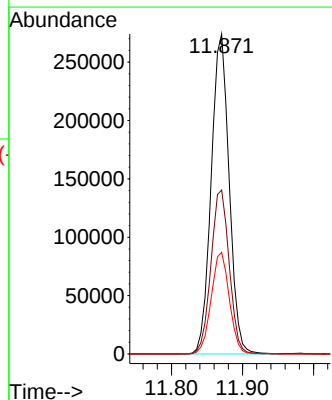
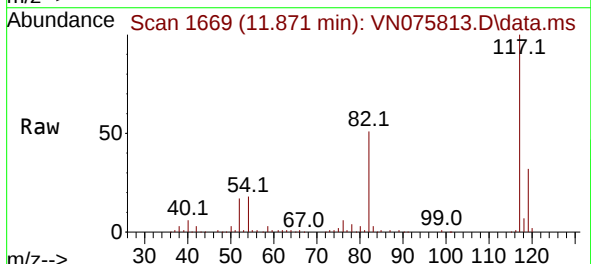
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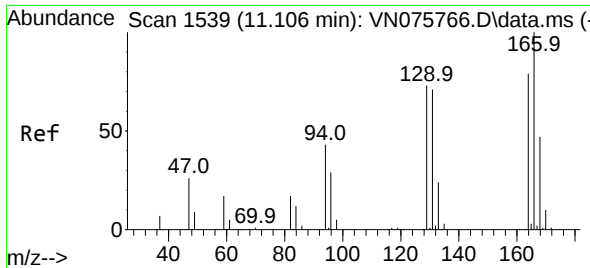
Tgt Ion: 95 Resp: 194867
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Tgt Ion: 117 Resp: 480568
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.8 24.6 37.0

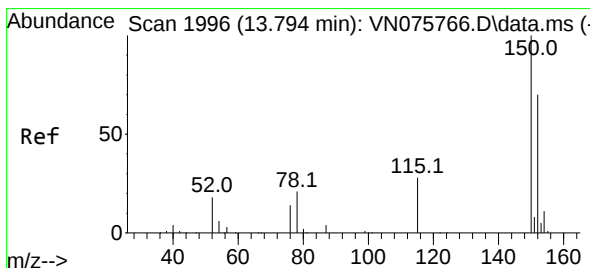
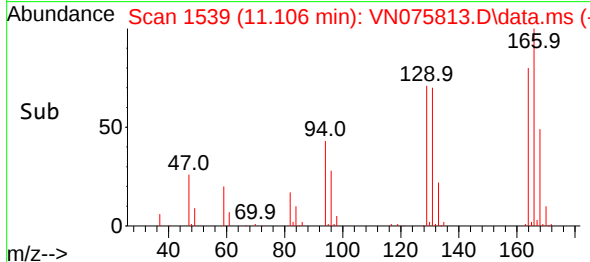
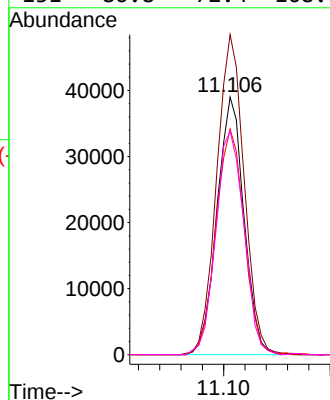
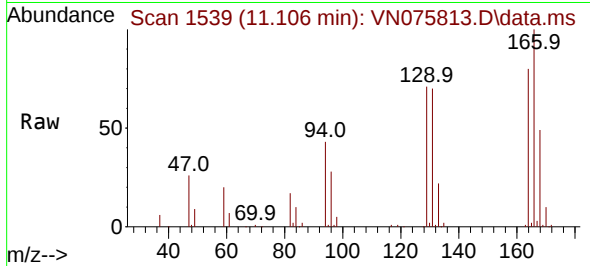




#64
Tetrachloroethene
Concen: 20.259 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Instrument :
MSVOA_N
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DUP120722-2DL

Tgt Ion:164 Resp: 68508
Ion Ratio Lower Upper
164 100
166 124.3 101.9 152.9
129 87.6 74.2 111.2
131 86.8 72.4 108.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075813.D
Acq: 15 Dec 2022 13:24

Tgt Ion:152 Resp: 196828
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 160.1 0.0 347.0

