

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078425.D
 Acq On : 27 Jun 2023 18:42
 Operator : JC\MD
 Sample : 03376-12DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01DL

Quant Time: Jun 28 07:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

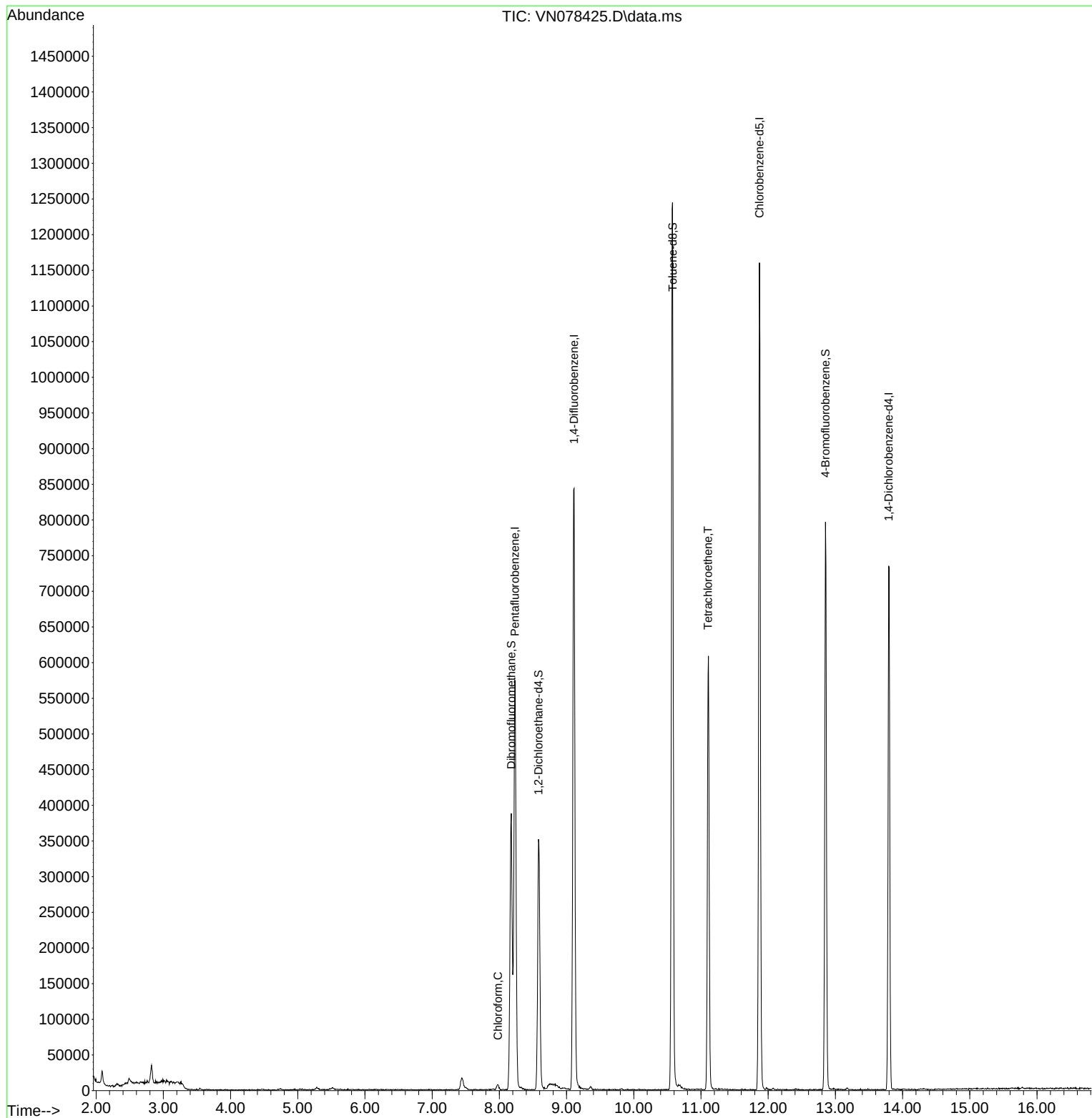
Internal Standards						
1) Pentafluorobenzene	8.230	168	417407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	769550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	692136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	295060	53.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.040%
35) Dibromofluoromethane	8.177	113	274866	56.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.980%
50) Toluene-d8	10.576	98	901522	48.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.853	95	278902	47.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
						Qvalue
30) Chloroform	7.977	83	7135	0.767	ug/l	90
64) Tetrachloroethene	11.106	164	137668	29.815	ug/l	94

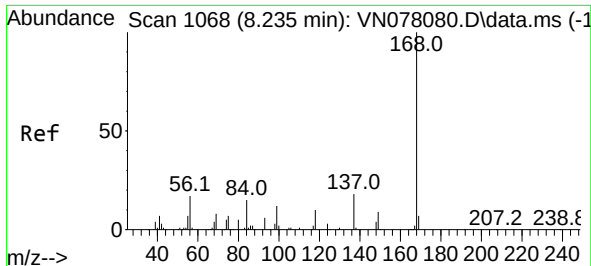
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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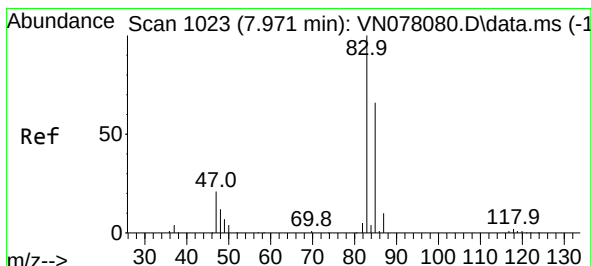
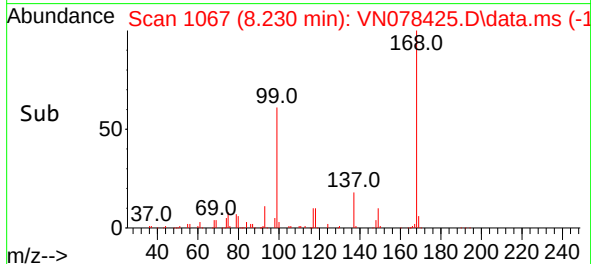
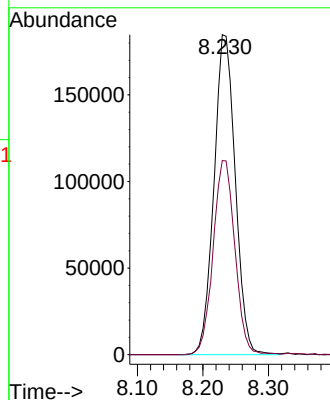
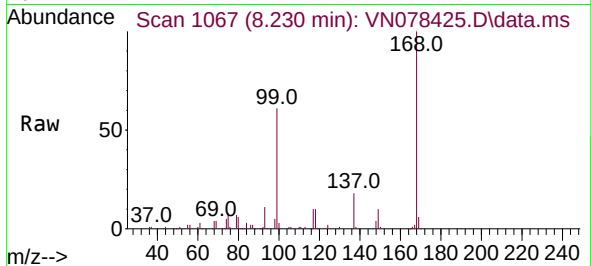




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

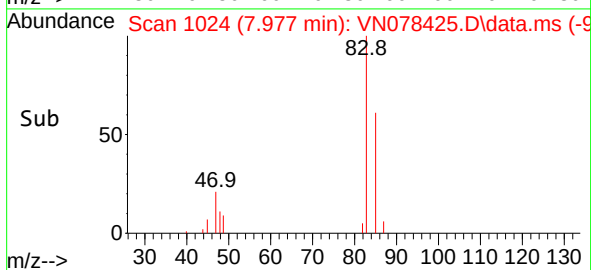
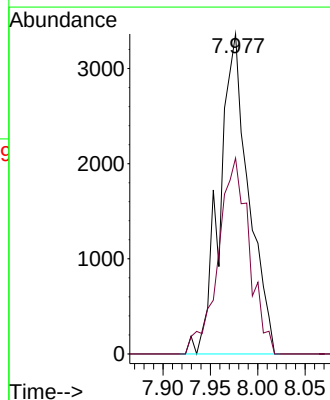
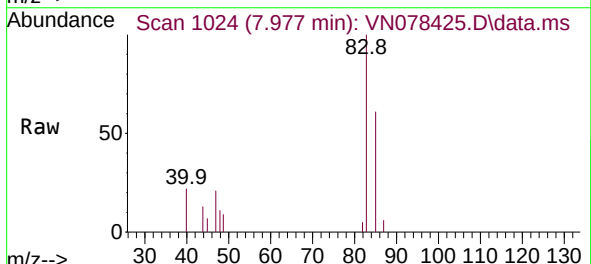
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

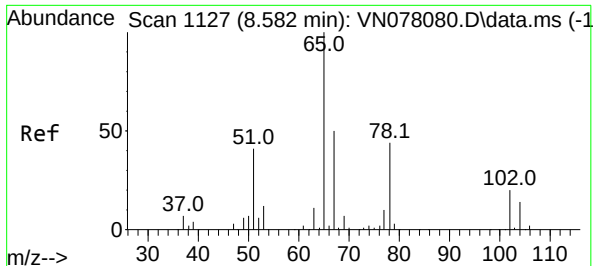
Tgt Ion:168 Resp: 417407
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#30
Chloroform
Concen: 0.767 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

Tgt Ion: 83 Resp: 7135
Ion Ratio Lower Upper
83 100
85 61.2 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 53.018 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078425.D

Acq: 27 Jun 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

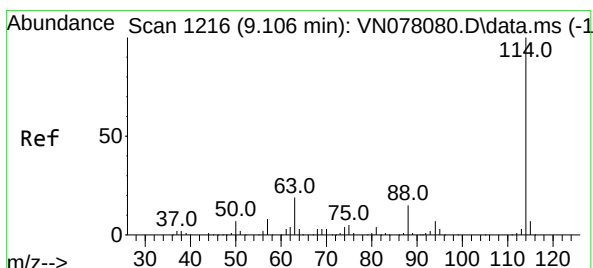
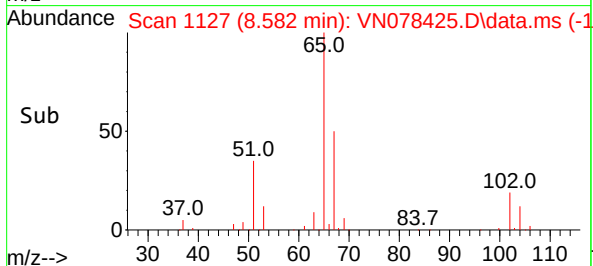
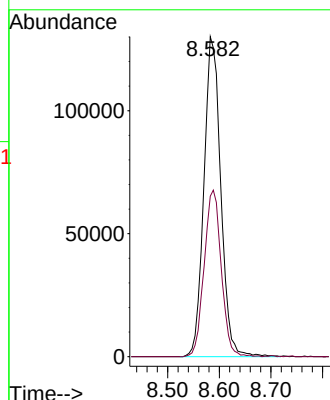
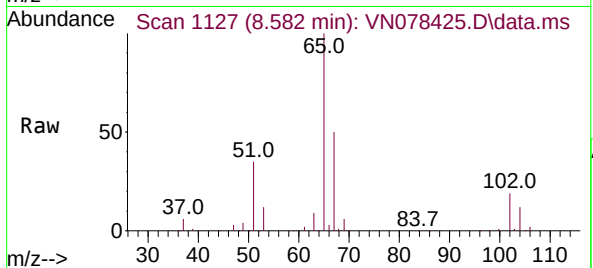
DUP-01DL

Tgt Ion: 65 Resp: 295060

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078425.D

Acq: 27 Jun 2023 18:42

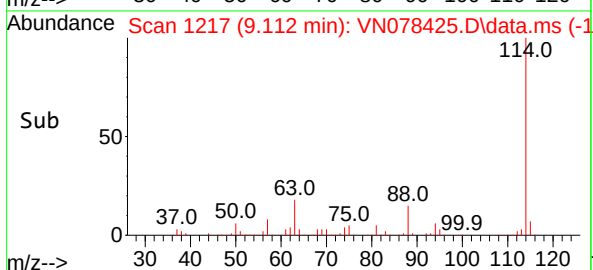
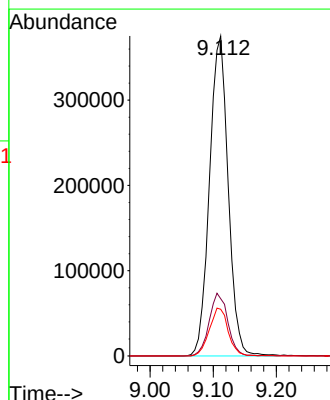
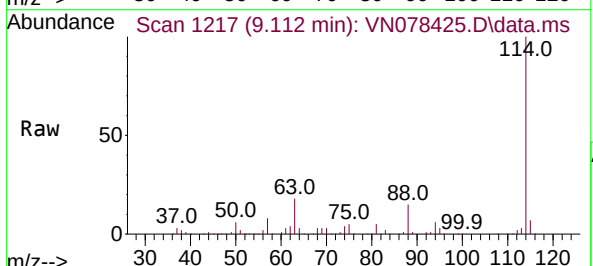
Tgt Ion: 114 Resp: 769550

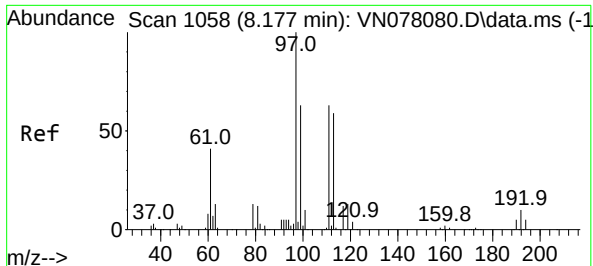
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.6 0.0 30.6

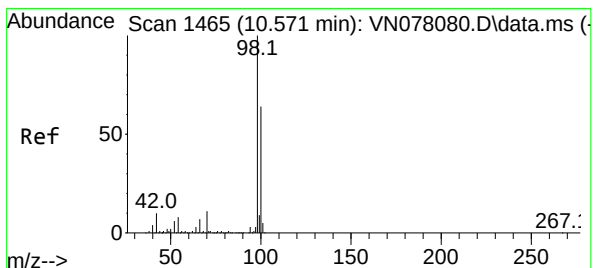
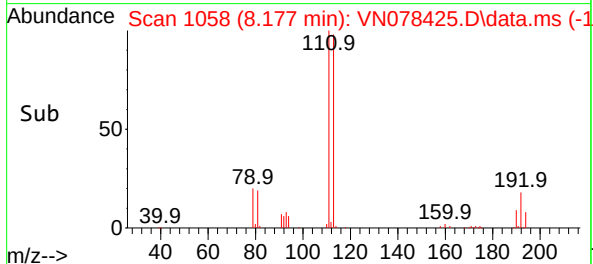
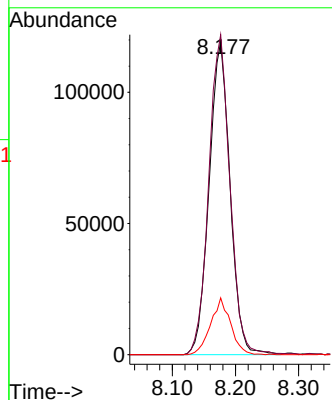
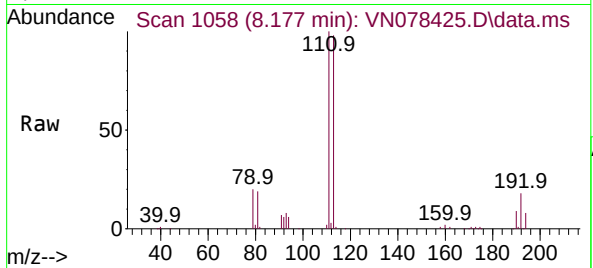




#35
Dibromofluoromethane
Concen: 56.490 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

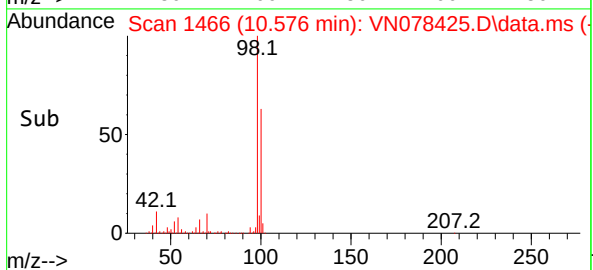
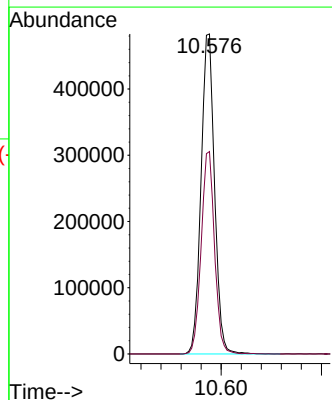
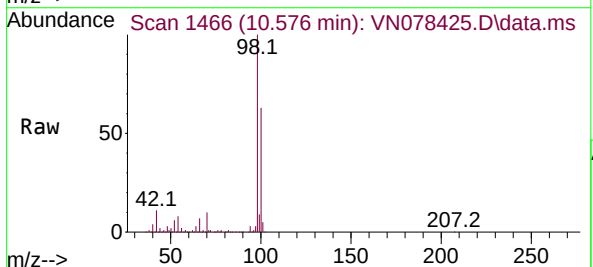
Instrument :
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DUP-01DL

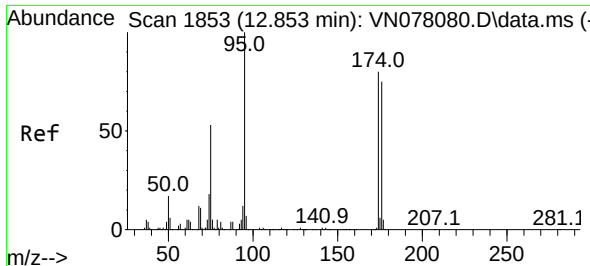
Tgt Ion:113 Resp: 274866
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.3 12.7 19.1



#50
Toluene-d8
Concen: 48.061 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

Tgt Ion: 98 Resp: 901522
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

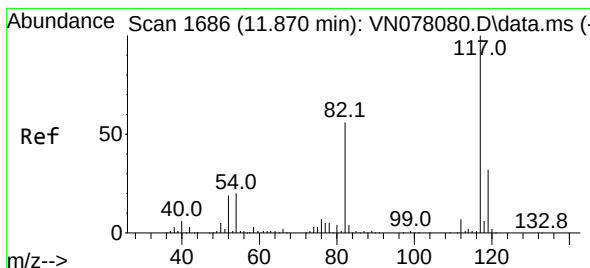
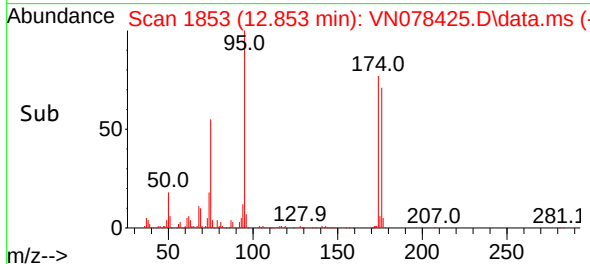
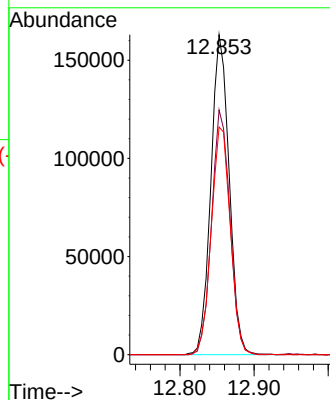
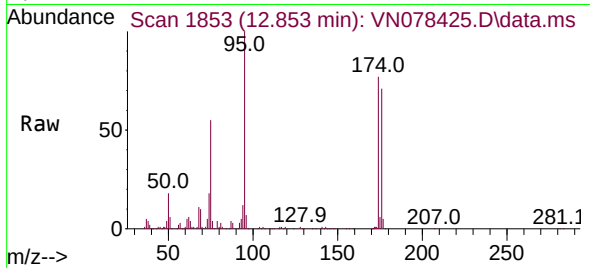




#62
4-Bromofluorobenzene
Concen: 47.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

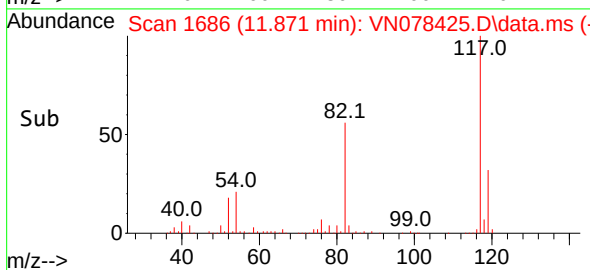
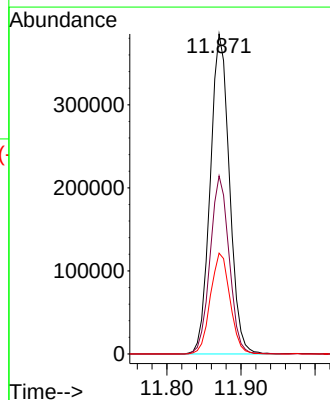
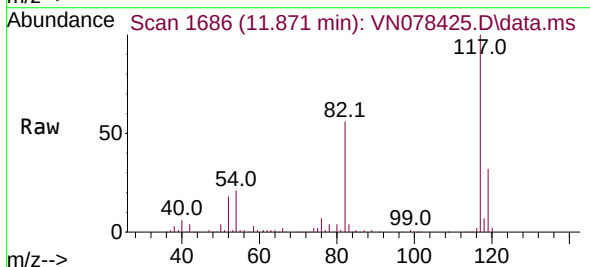
Instrument :
MSVOA_N
ClientSampleId :
DUP-01DL

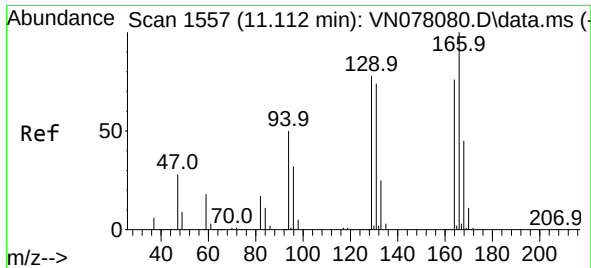
Tgt Ion: 95 Resp: 278902
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 74.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

Tgt Ion: 117 Resp: 692136
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.5 25.6 38.4



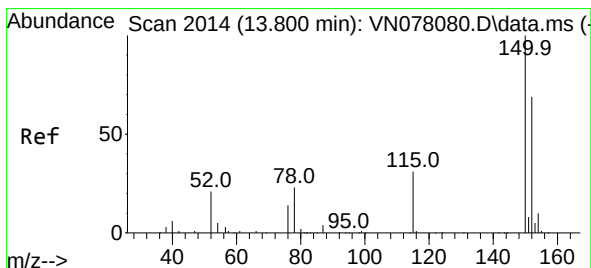
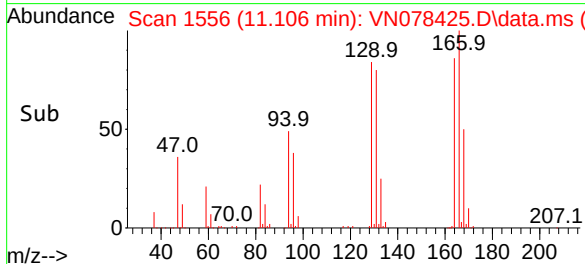
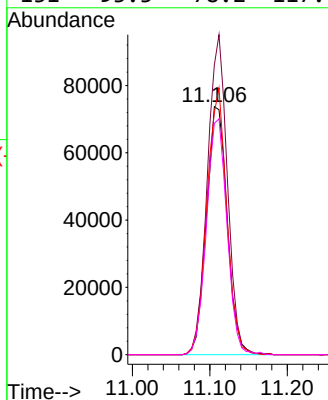
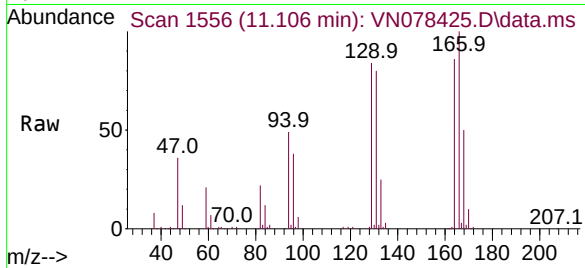


#64
Tetrachloroethene
Concen: 29.815 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

Instrument :
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DUP-01DL

Tgt Ion:164 Resp: 137668

Ion	Ratio	Lower	Upper
164	100		
166	116.8	101.4	152.0
129	97.6	82.4	123.6
131	93.3	78.2	117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078425.D
Acq: 27 Jun 2023 18:42

Tgt Ion:152 Resp: 204608

Ion	Ratio	Lower	Upper
152	100		
115	59.6	32.3	96.8
150	154.6	0.0	355.8

