

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077051.D
 Acq On : 17 Mar 2023 22:38
 Operator : JC\MD
 Sample : 01941-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20230313

Quant Time: Mar 18 02:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

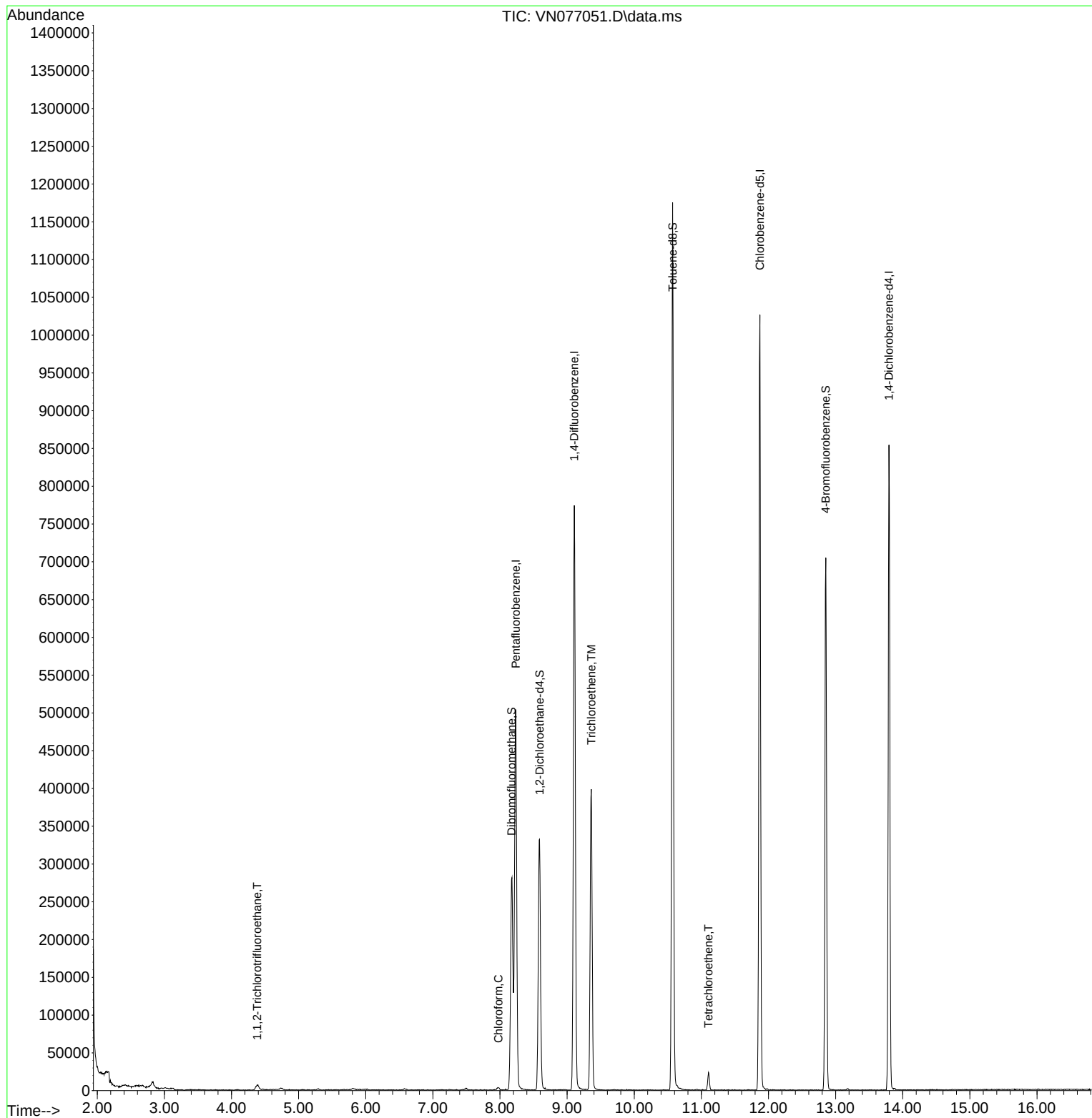
Internal Standards						
1) Pentafluorobenzene	8.236	168	348758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	636505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	576252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	221689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	278493	49.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.172	113	211998	47.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.571	98	794979	49.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.854	95	259891	46.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.384	101	4700	1.015	ug/l #	68
30) Chloroform	7.978	83	3539	0.375	ug/l	97
44) Trichloroethene	9.360	130	144530	29.800	ug/l	100
64) Tetrachloroethene	11.107	164	5206	1.346	ug/l	92

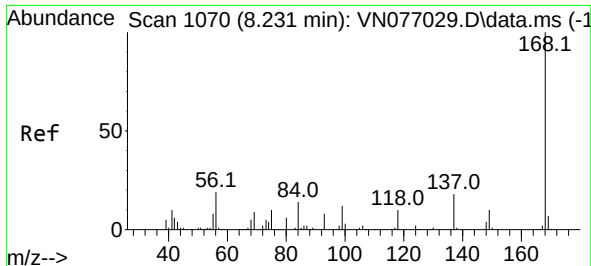
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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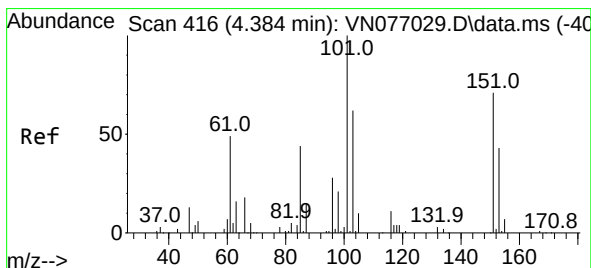
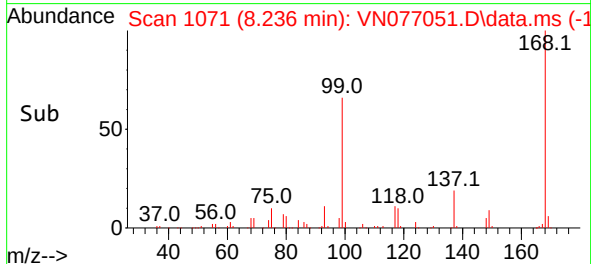
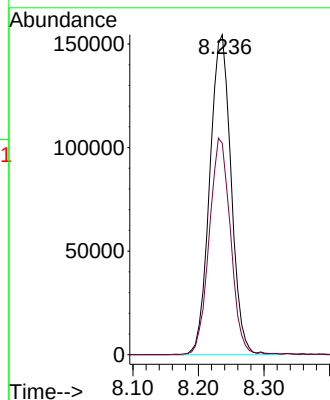
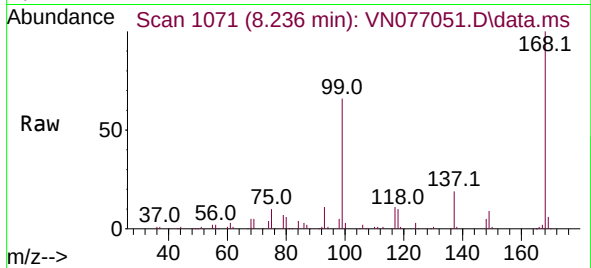




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

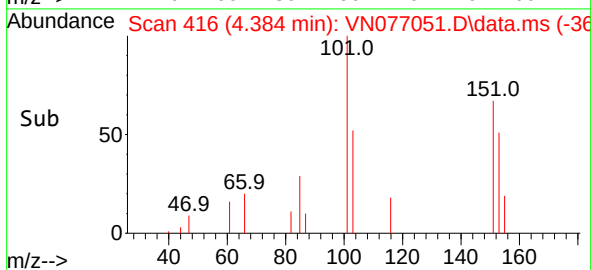
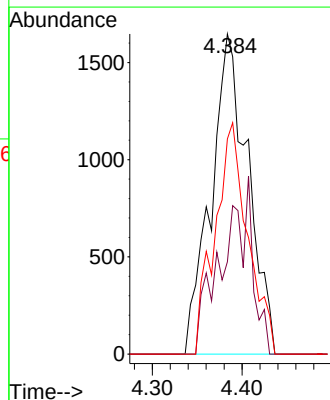
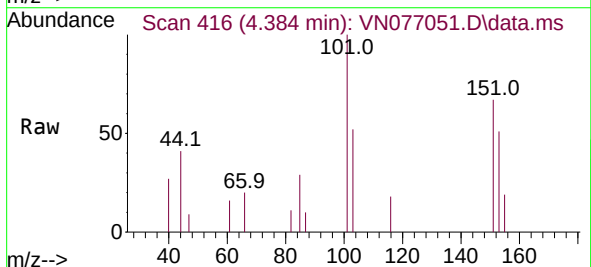
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20230313

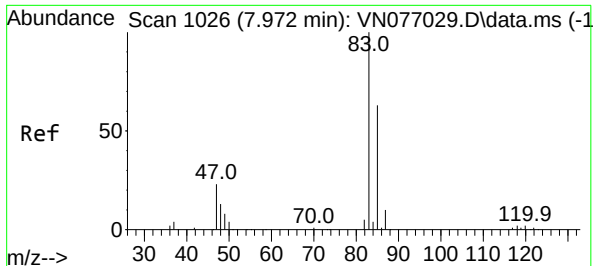
Tgt Ion:168 Resp: 348758
Ion Ratio Lower Upper
168 100
99 65.9 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.015 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Tgt Ion:101 Resp: 4700
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 64.2 56.9 85.3





#30

Chloroform

Concen: 0.375 ug/l

RT: 7.978 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077051.D

Acq: 17 Mar 2023 22:38

Instrument :

MSVOA_N

ClientSampleId :

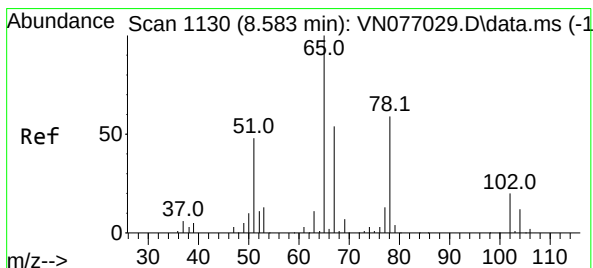
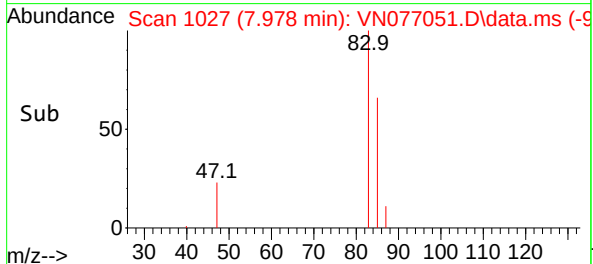
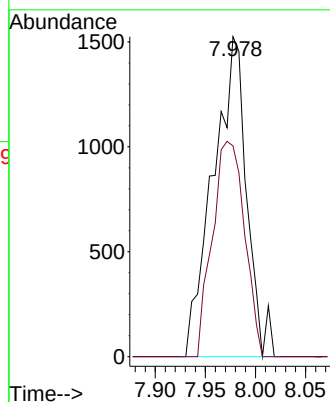
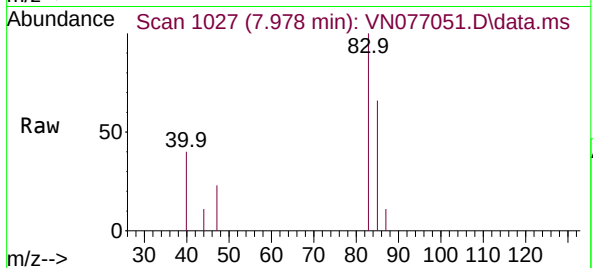
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Tgt Ion: 83 Resp: 3539

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077051.D

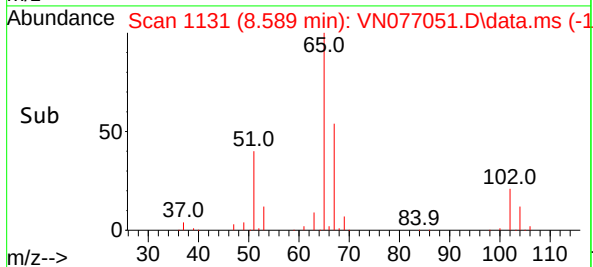
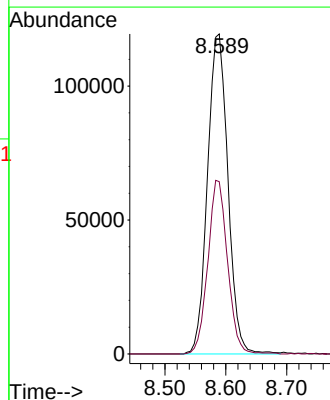
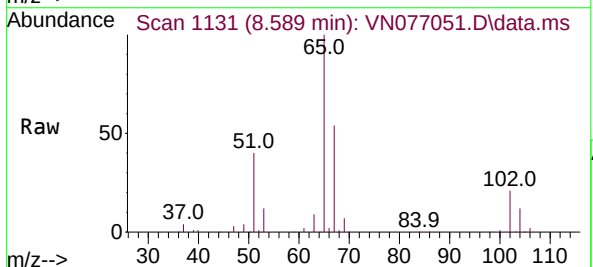
Acq: 17 Mar 2023 22:38

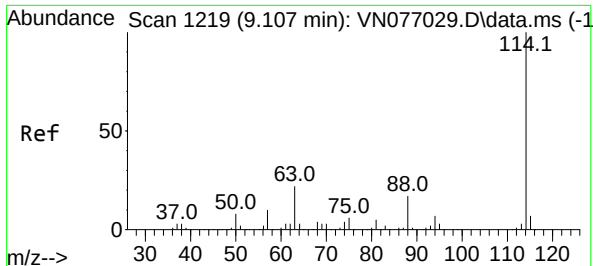
Tgt Ion: 65 Resp: 278493

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2

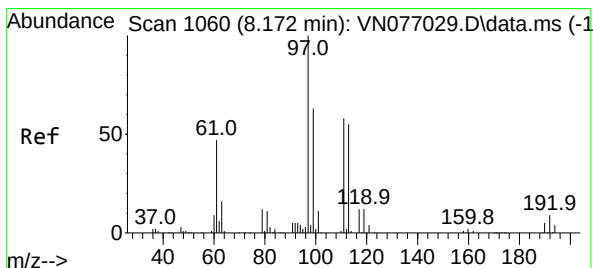
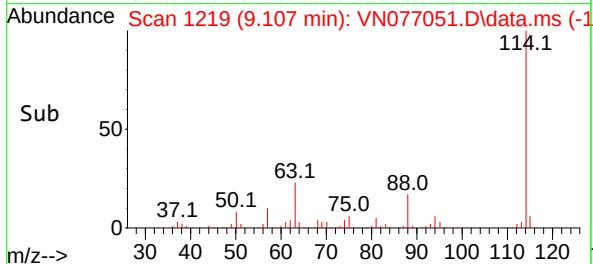
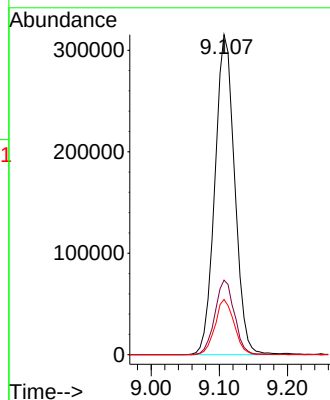
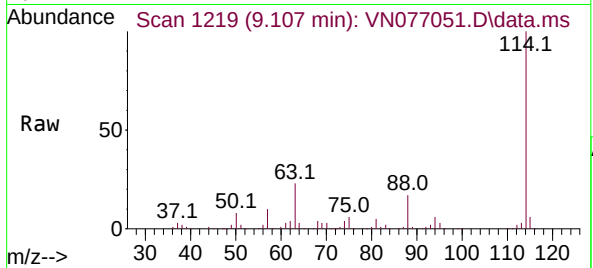




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

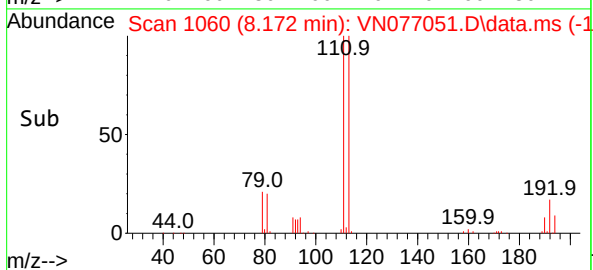
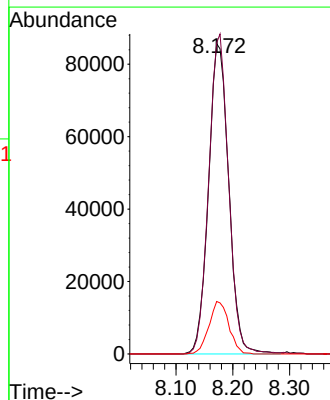
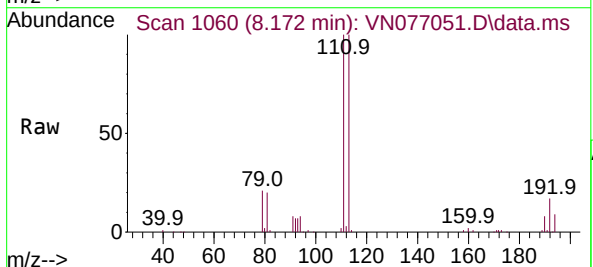
Instrument :
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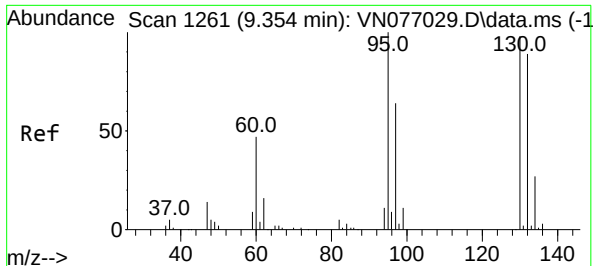
Tgt Ion:114 Resp: 636505
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 17.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.560 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Tgt Ion:113 Resp: 211998
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 16.6 13.0 19.6

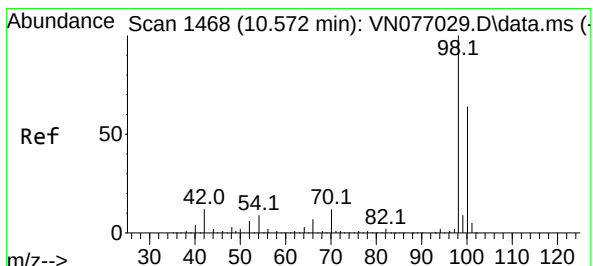
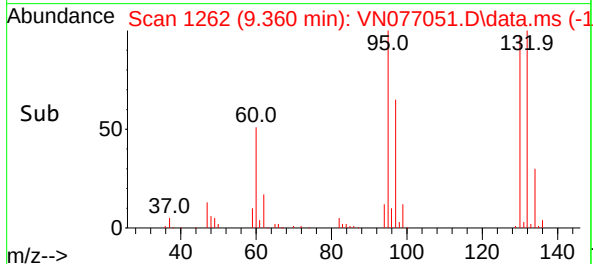
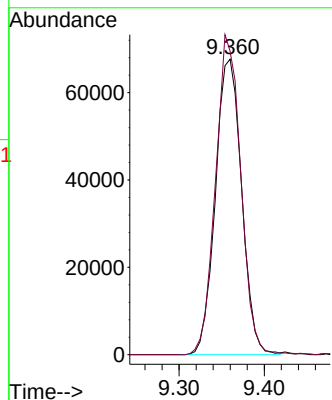
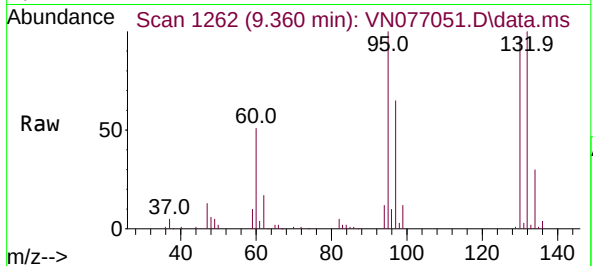




#44
Trichloroethene
Concen: 29.800 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

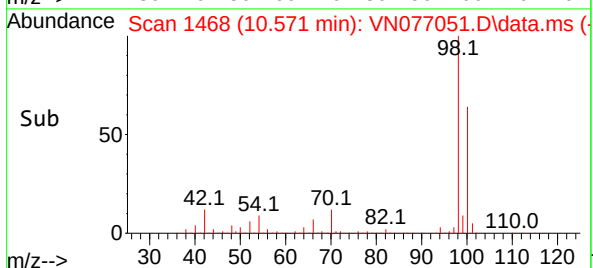
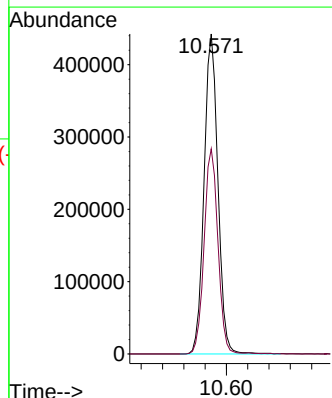
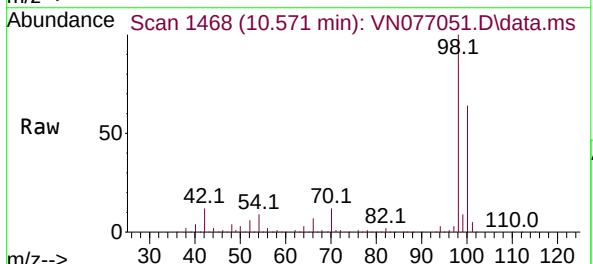
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20230313

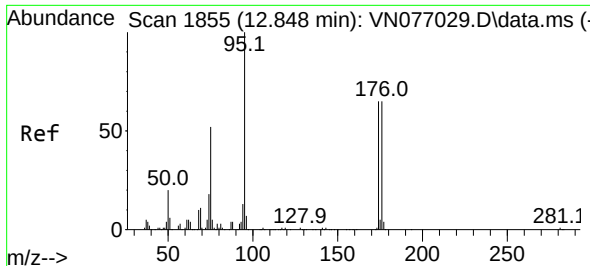
Tgt Ion:130 Resp: 144530
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.4



#50
Toluene-d8
Concen: 49.927 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Tgt Ion: 98 Resp: 794979
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

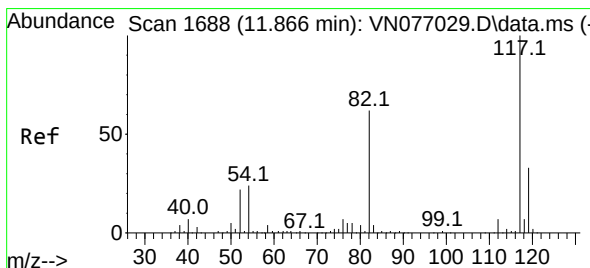
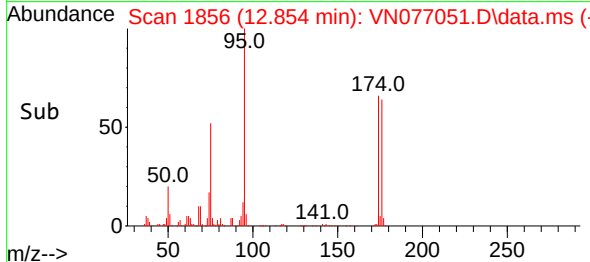
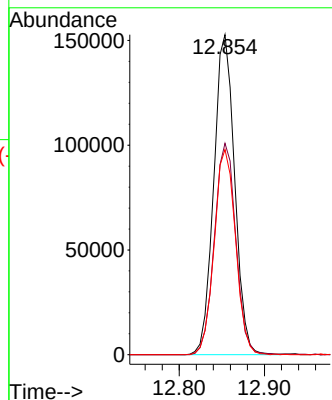
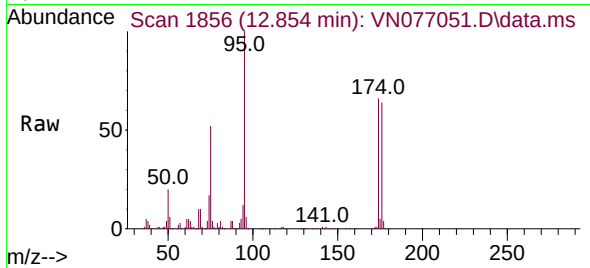




#62
4-Bromofluorobenzene
Concen: 46.190 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

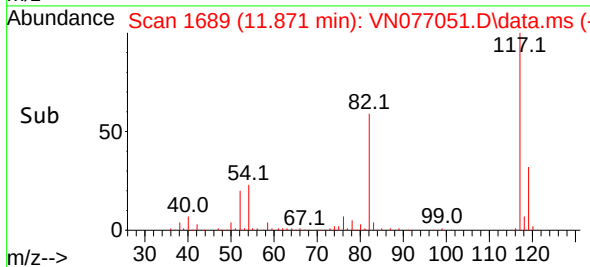
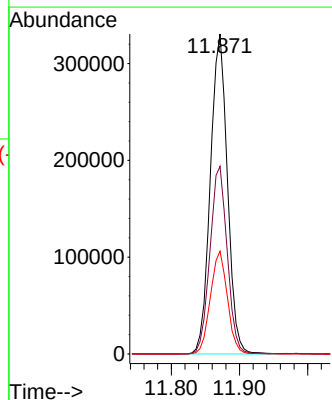
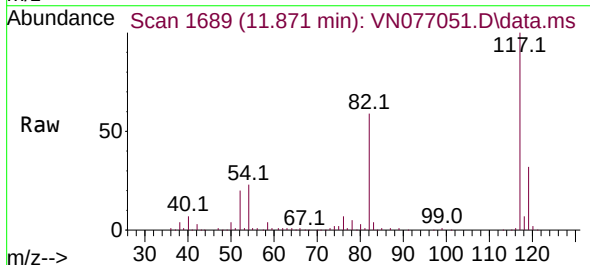
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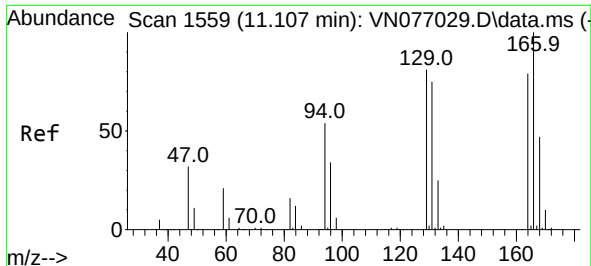
Tgt Ion: 95 Resp: 259891
Ion Ratio Lower Upper
95 100
174 67.8 0.0 136.6
176 65.5 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Tgt Ion: 117 Resp: 576252
Ion Ratio Lower Upper
117 100
82 58.7 49.4 74.0
119 32.1 26.5 39.7

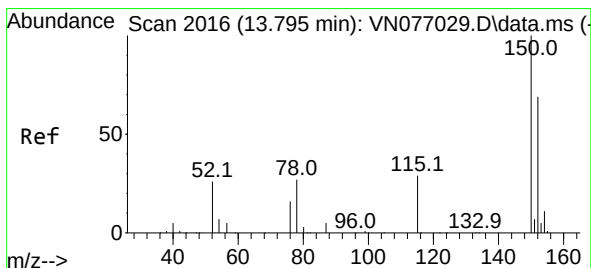
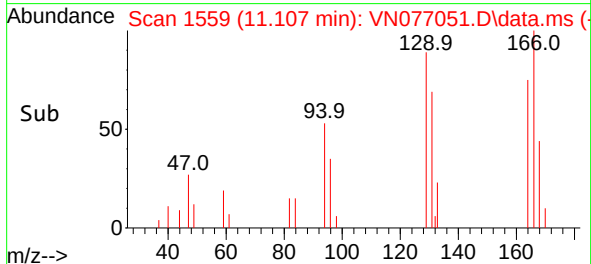
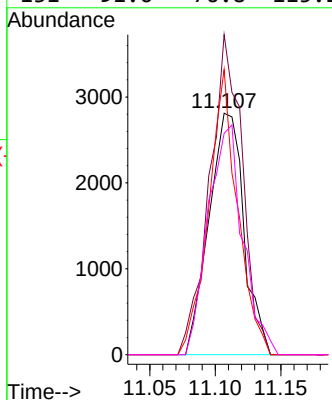
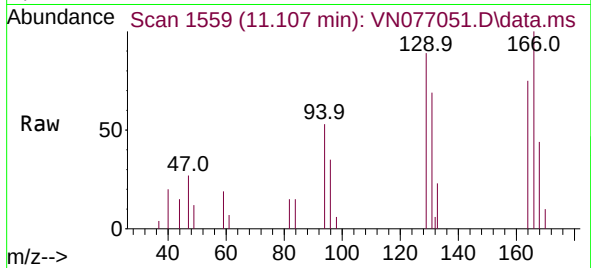




#64
Tetrachloroethene
Concen: 1.346 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Instrument :
MSVOA_N
ClientSampleId :
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Tgt	Ion:164	Resp:	5206
Ion	Ratio	Lower	Upper
164	100		
166	132.5	101.9	152.9
129	118.1	82.6	123.8
131	91.6	76.8	115.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077051.D
Acq: 17 Mar 2023 22:38

Tgt Ion:152	Resp:	221689	
Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.9	95.7
150	155.0	0.0	348.0

