

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077047.D
 Acq On : 17 Mar 2023 21:00
 Operator : JC\MD
 Sample : 01904-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20230313

Quant Time: Mar 18 02:35:31 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)

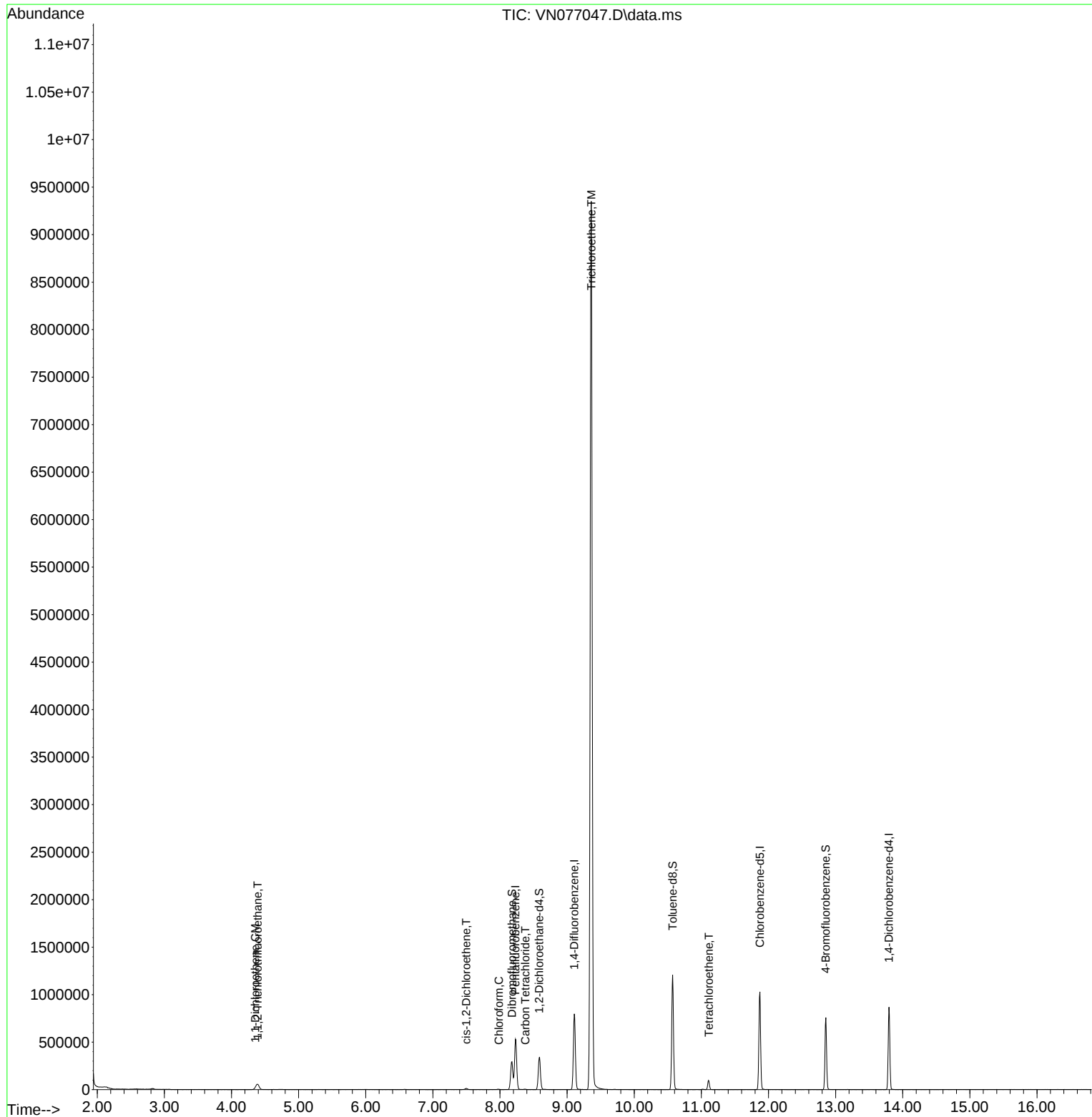
Internal Standards						
1) Pentafluorobenzene	8.230	168	358007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	671390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	220638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288101	50.380	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.760%		
35) Dibromofluoromethane	8.178	113	215013	45.730	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.460%		
50) Toluene-d8	10.571	98	815259	48.540	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.080%		
62) 4-Bromofluorobenzene	12.854	95	260803	43.944	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.880%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.390	101	38906	8.189	ug/l	100
12) 1,1-Dichloroethene	4.354	96	5983	1.377	ug/l	85
27) cis-1,2-Dichloroethene	7.495	96	7497	1.389	ug/l	86
30) Chloroform	7.983	83	3959	0.409	ug/l	97
38) Carbon Tetrachloride	8.377	117	3342	0.467	ug/l #	75
44) Trichloroethene	9.360	130	3299145	644.889	ug/l	95
64) Tetrachloroethene	11.113	164	20593	5.315	ug/l	98

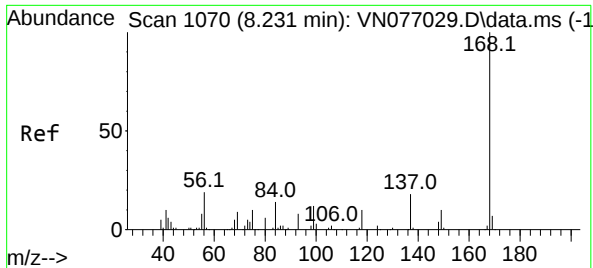
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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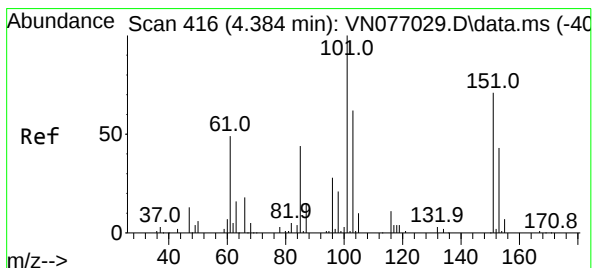
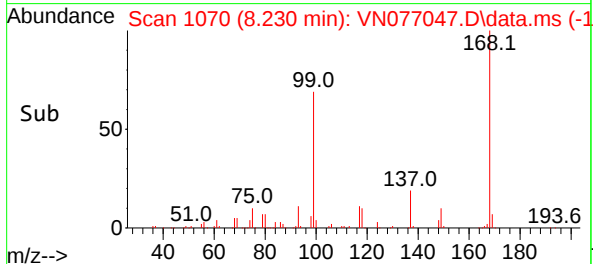
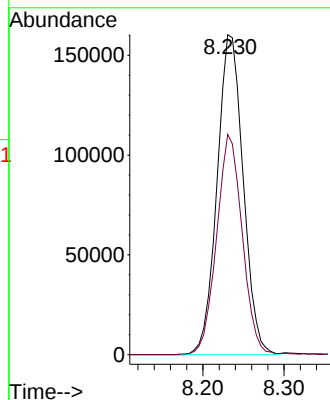
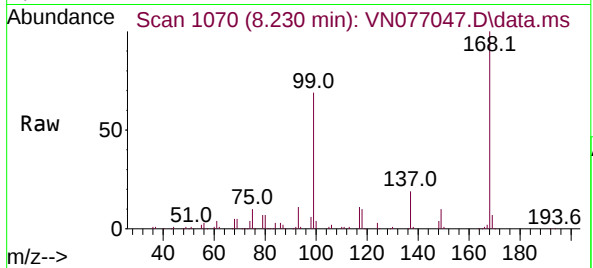




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

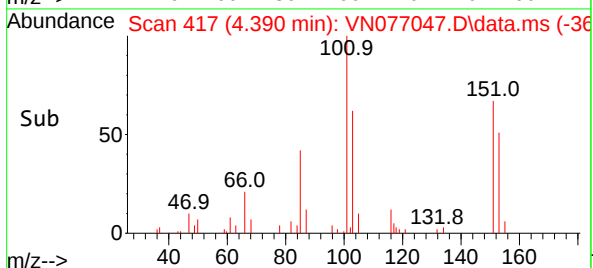
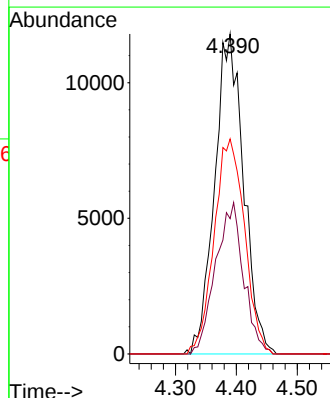
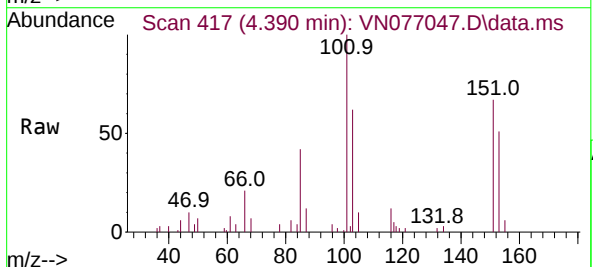
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313

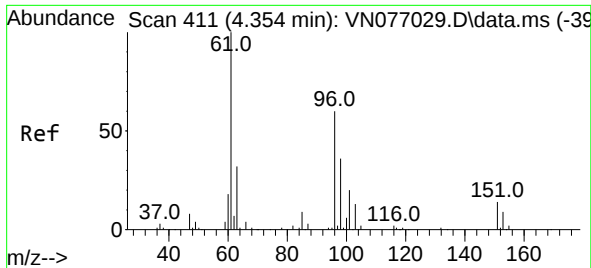
Tgt Ion:168 Resp: 358007
Ion Ratio Lower Upper
168 100
99 68.7 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.189 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

Tgt Ion:101 Resp: 38906
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 70.6 56.9 85.3

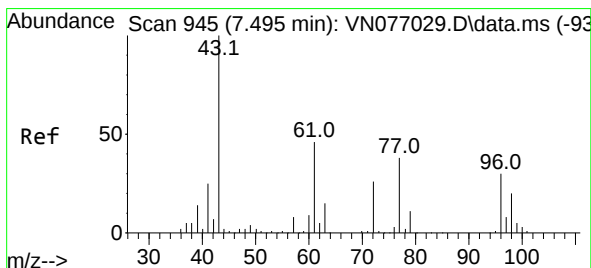
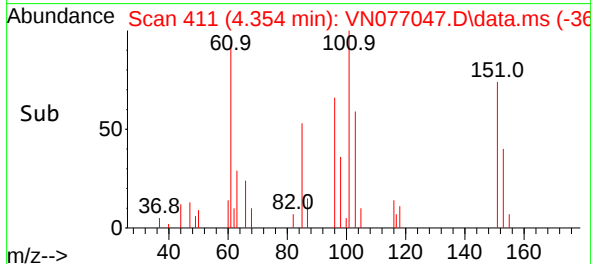
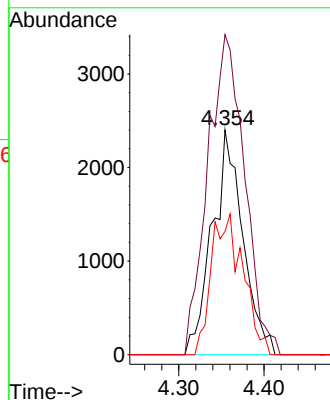
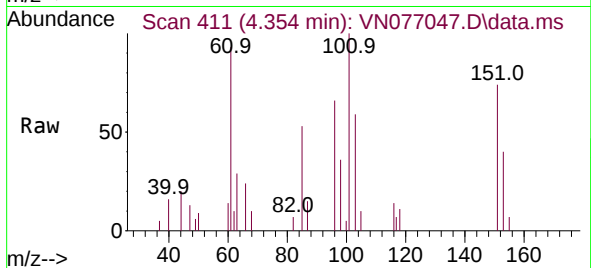




#12
1,1-Dichloroethene
Concen: 1.377 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

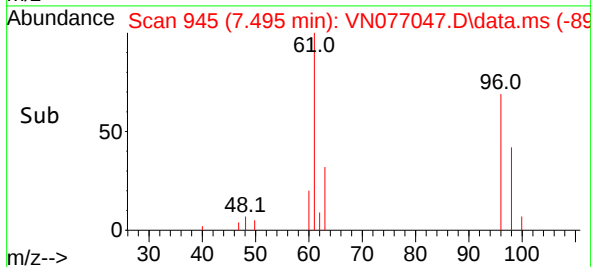
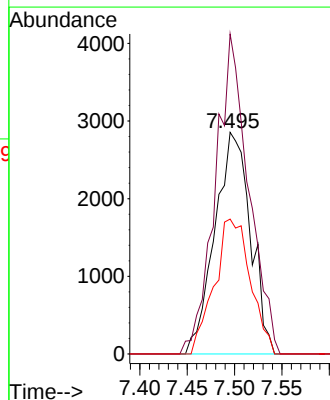
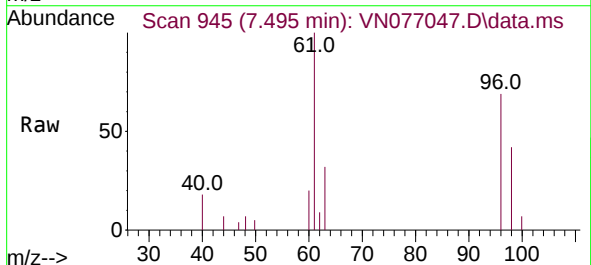
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313

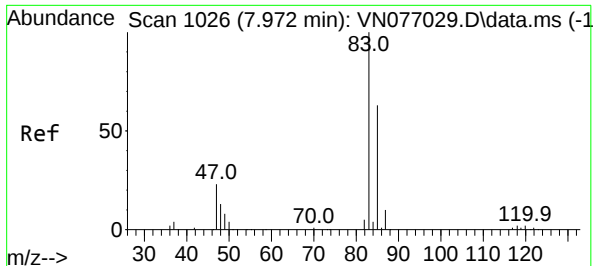
Tgt Ion:	96	Resp:	5983
Ion	Ratio	Lower	Upper
96	100		
61	142.5	133.8	200.8
98	54.8	48.6	72.8



#27
cis-1,2-Dichloroethene
Concen: 1.389 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

Tgt Ion:	96	Resp:	7497
Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	315.4
98	61.4	0.0	128.6





#30

Chloroform

Concen: 0.409 ug/l

RT: 7.983 min Scan# 110

Delta R.T. 0.012 min

Lab File: VN077047.D

Acq: 17 Mar 2023 21:00

Instrument :

MSVOA_N

ClientSampleId :

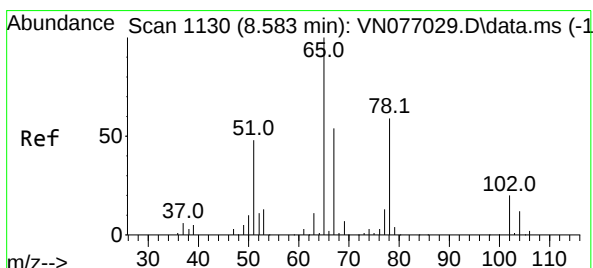
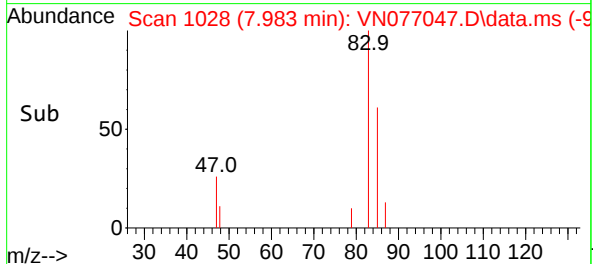
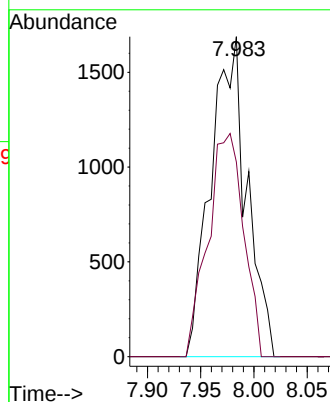
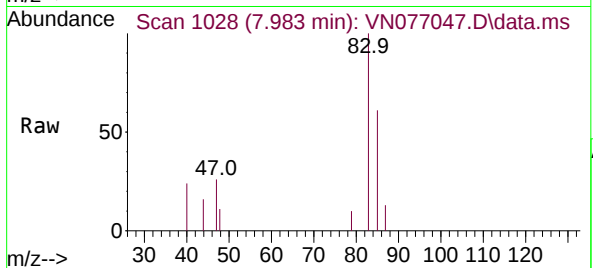
RW4-20230313

Tgt Ion: 83 Resp: 3959

Ion Ratio Lower Upper

83 100

85 60.8 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077047.D

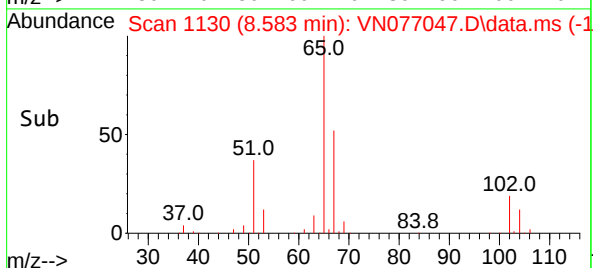
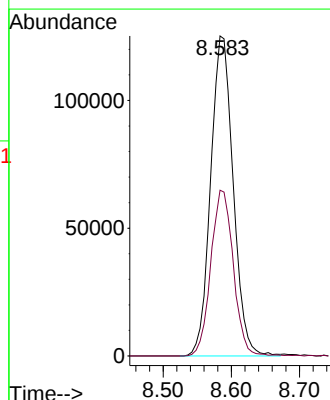
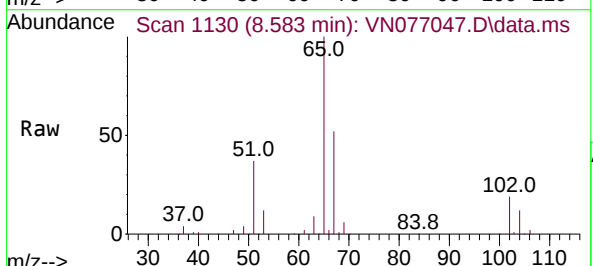
Acq: 17 Mar 2023 21:00

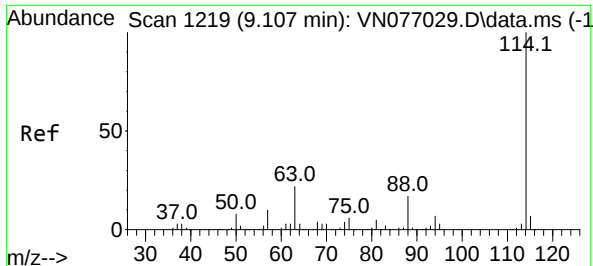
Tgt Ion: 65 Resp: 288101

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2

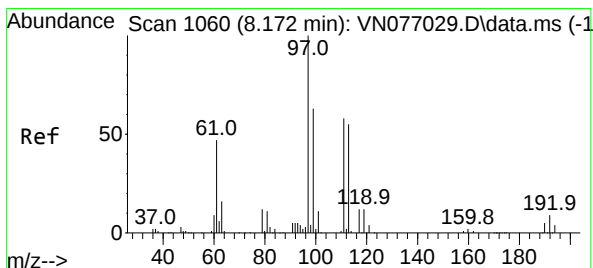
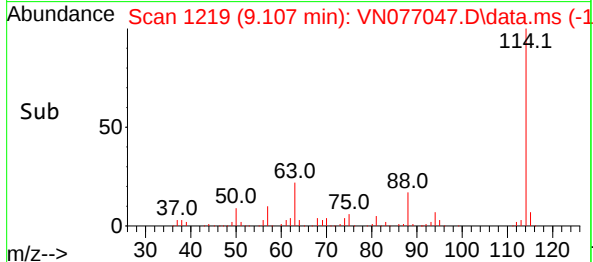
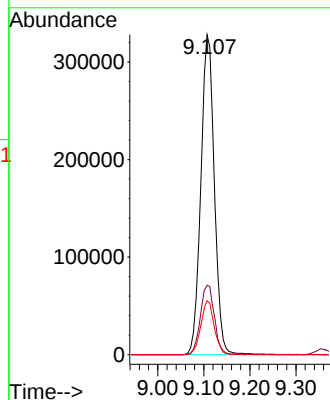
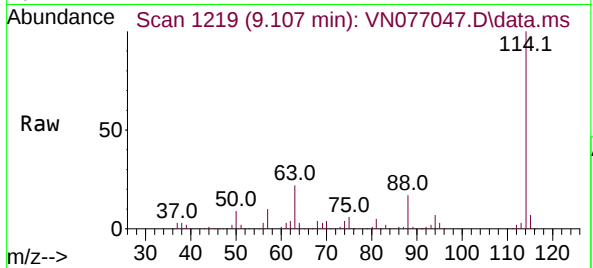




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

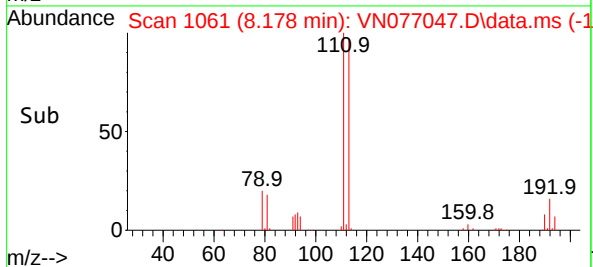
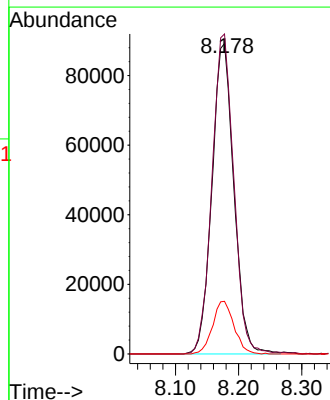
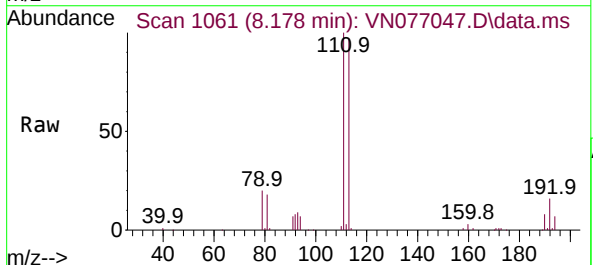
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313

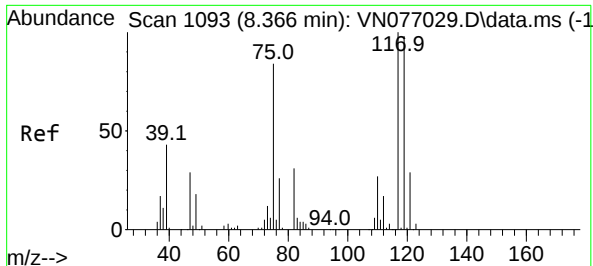
Tgt Ion:114 Resp: 671390
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.730 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

Tgt Ion:113 Resp: 215013
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 16.5 13.0 19.6

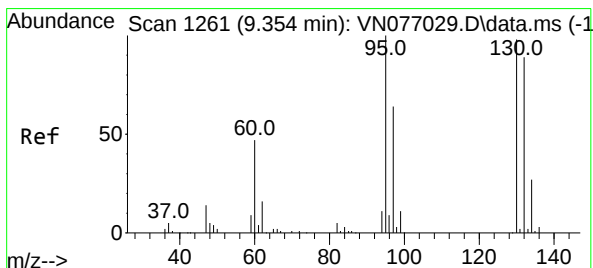
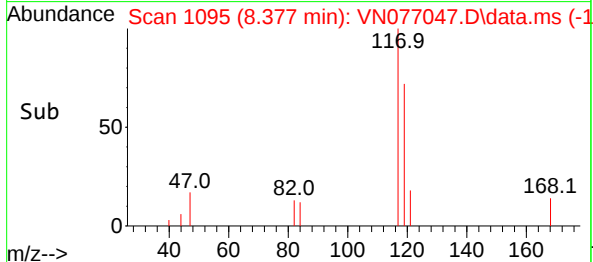
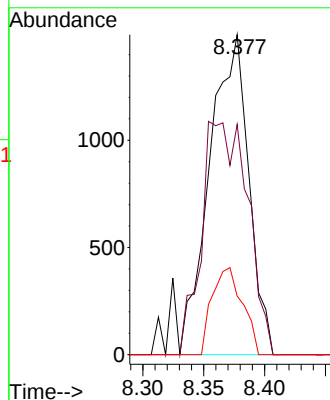
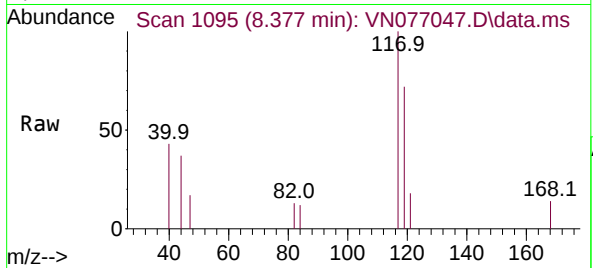




#38
Carbon Tetrachloride
Concen: 0.467 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.012 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

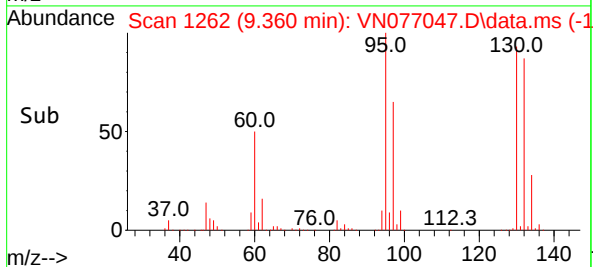
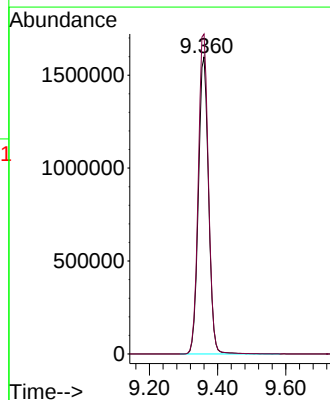
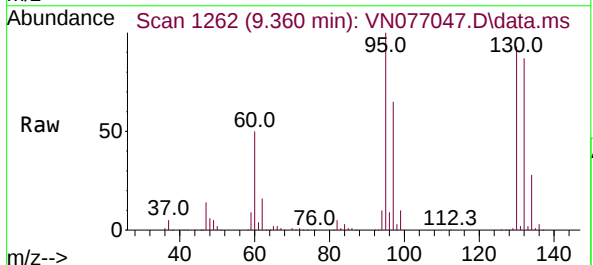
Instrument :
MSVOA_N
ClientSampleId :
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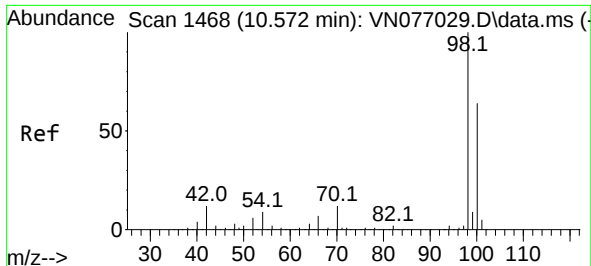
Tgt Ion:117 Resp: 3342
Ion Ratio Lower Upper
117 100
119 71.9 78.2 117.2#
121 18.3 23.2 34.8#



#44
Trichloroethene
Concen: 644.889 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

Tgt Ion:130 Resp: 3299145
Ion Ratio Lower Upper
130 100
95 107.8 0.0 204.4

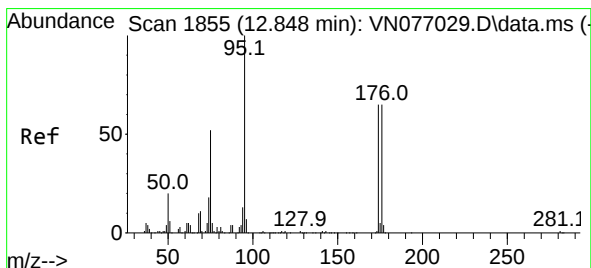
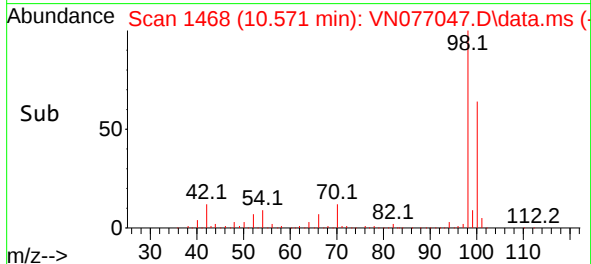
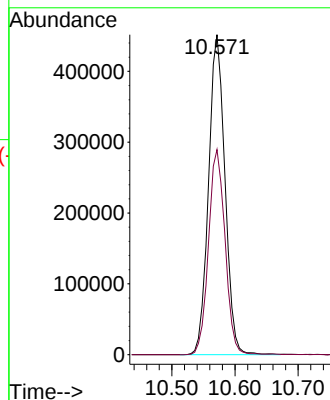
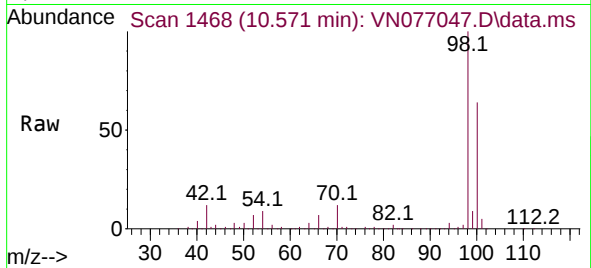




#50
Toluene-d8
Concen: 48.540 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

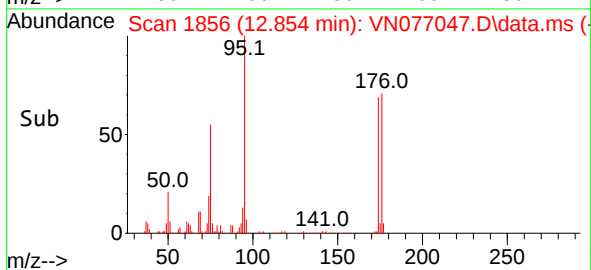
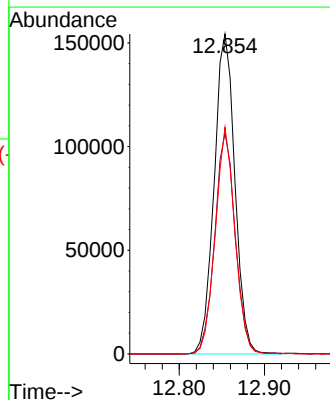
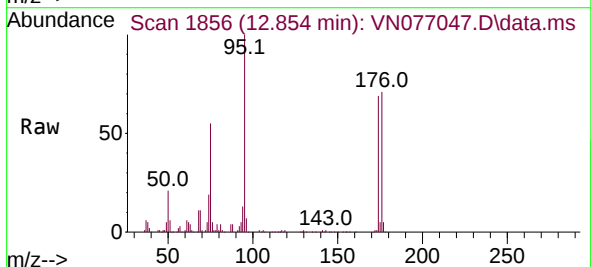
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RW4-20230313

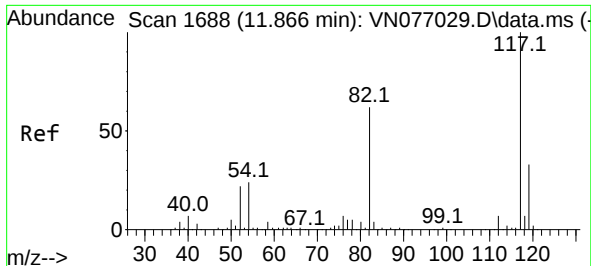
Tgt Ion: 98 Resp: 815259
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.944 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

Tgt Ion: 95 Resp: 260803
Ion Ratio Lower Upper
95 100
174 68.3 0.0 136.6
176 67.2 0.0 130.0

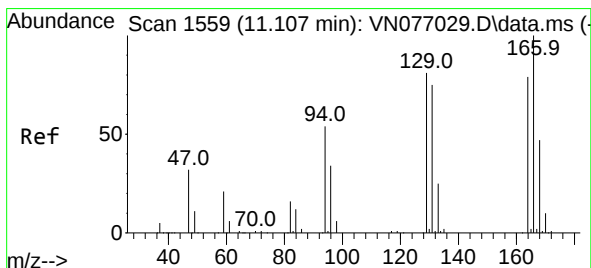
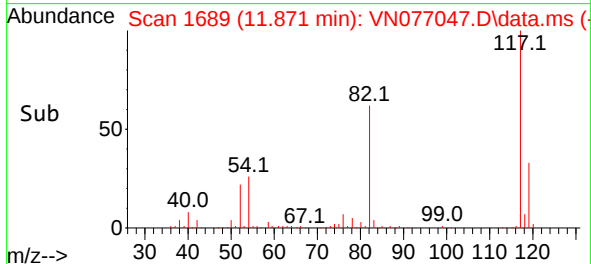
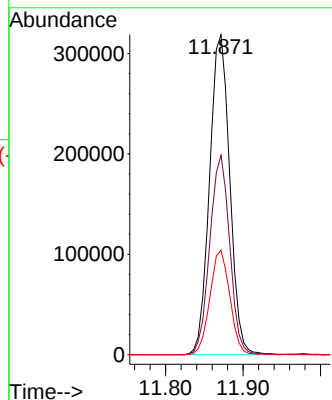
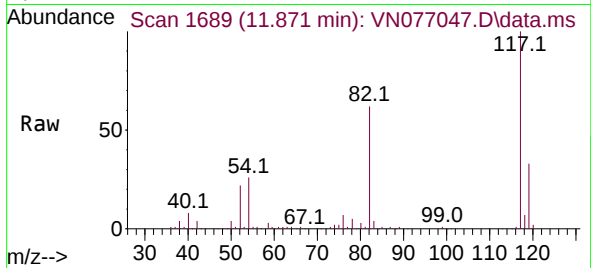




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

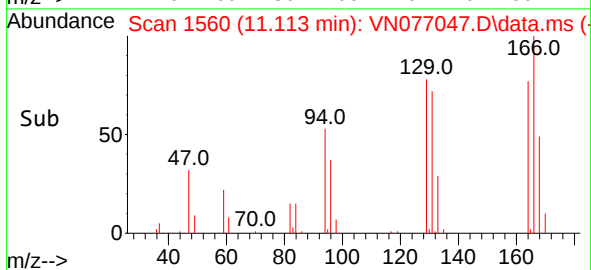
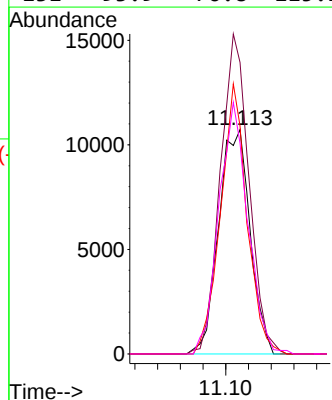
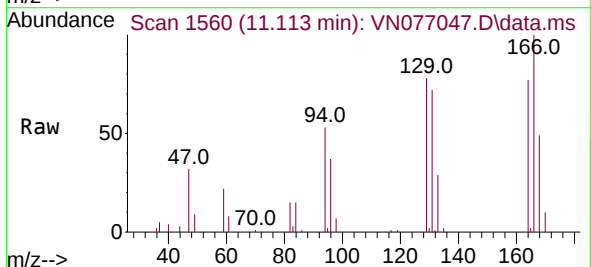
Instrument :
MSVOA_N
ClientSampleId :
RW4-20230313

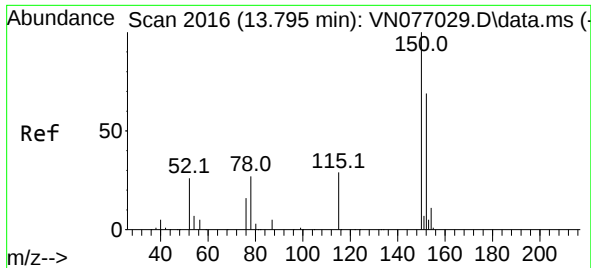
Tgt Ion:117 Resp: 577335
Ion Ratio Lower Upper
117 100
82 62.3 49.4 74.0
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 5.315 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN077047.D
Acq: 17 Mar 2023 21:00

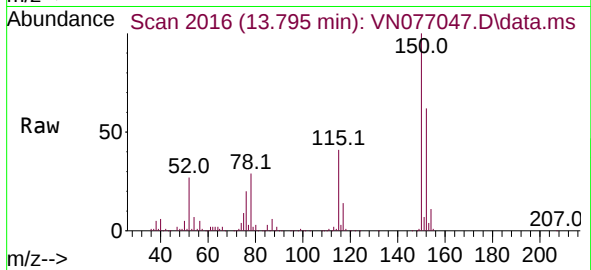
Tgt Ion:164 Resp: 20593
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 101.6 82.6 123.8
131 93.9 76.8 115.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077047.D
 Acq: 17 Mar 2023 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20230313



Tgt Ion:152 Resp: 220638
 Ion Ratio Lower Upper
 152 100
 115 65.3 31.9 95.7
 150 157.1 0.0 348.0

