

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077048.D
 Acq On : 17 Mar 2023 21:25
 Operator : JC\MD
 Sample : 01904-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20230313

Quant Time: Mar 18 02:35:56 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)

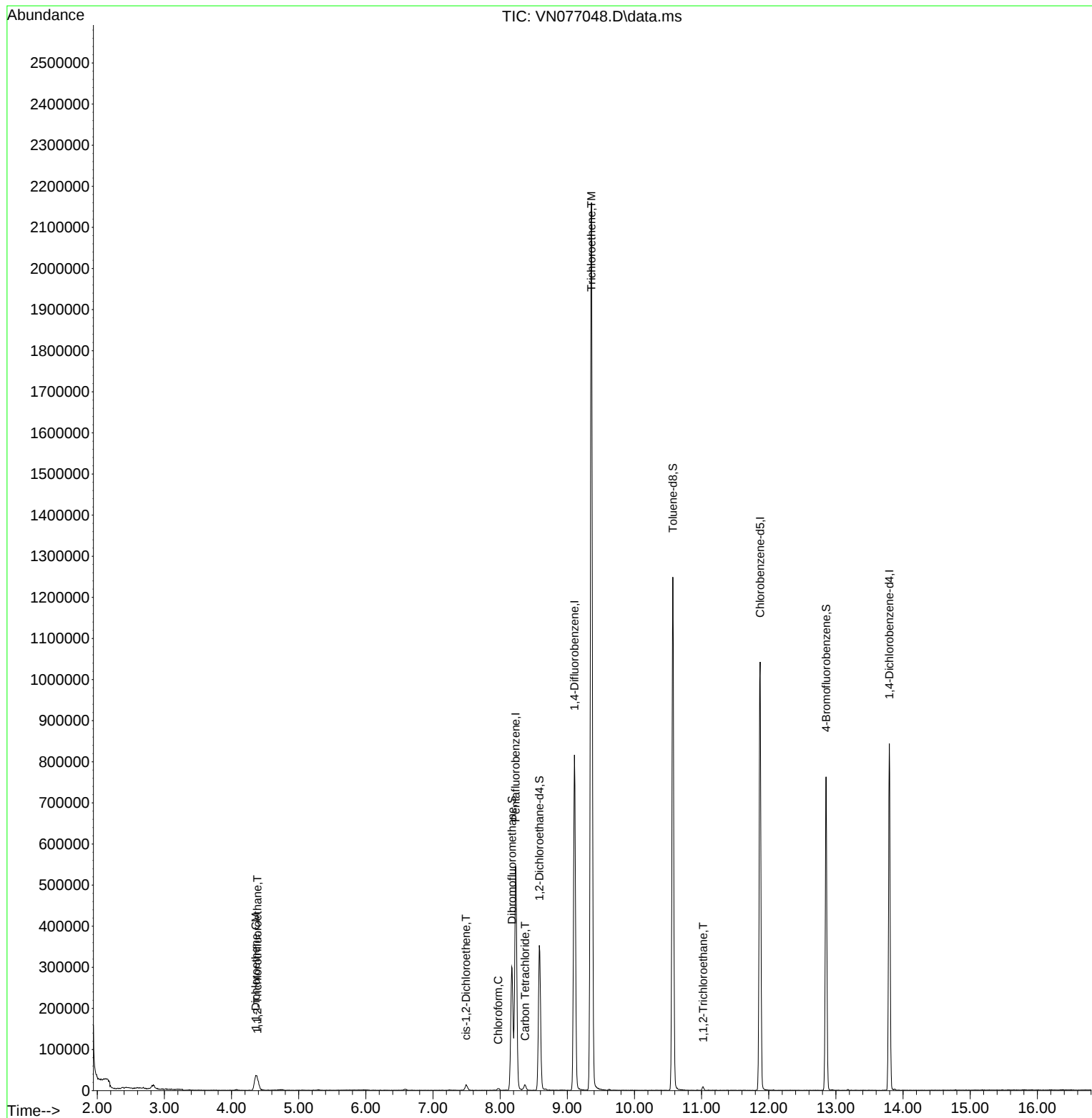
Internal Standards						
1) Pentafluorobenzene	8.230	168	371509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	671875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	214150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288307	48.584	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.160%	
35) Dibromofluoromethane	8.178	113	217612	46.249	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.500%	
50) Toluene-d8	10.571	98	832848	49.552	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.100%	
62) 4-Bromofluorobenzene	12.854	95	262686	44.229	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.460%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.384	101	17513	3.552	ug/l	95
12) 1,1-Dichloroethene	4.360	96	15349	3.403	ug/l	87
27) cis-1,2-Dichloroethene	7.489	96	7603	1.358	ug/l	92
30) Chloroform	7.972	83	4155	0.414	ug/l #	78
38) Carbon Tetrachloride	8.372	117	10152	1.418	ug/l	88
44) Trichloroethene	9.360	130	761461	148.736	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	2718	0.518	ug/l #	86

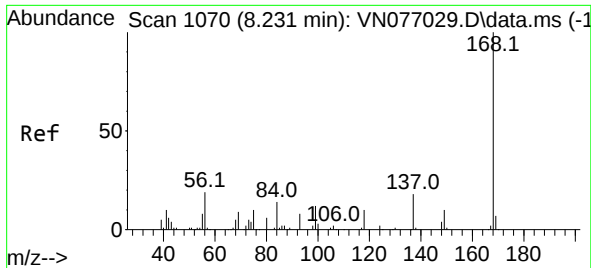
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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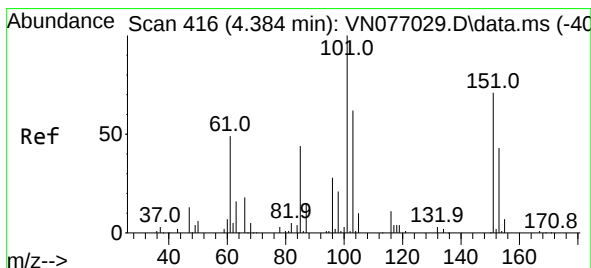
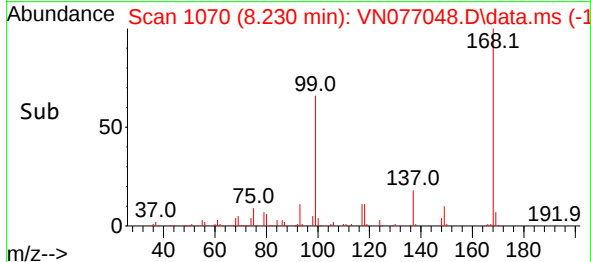
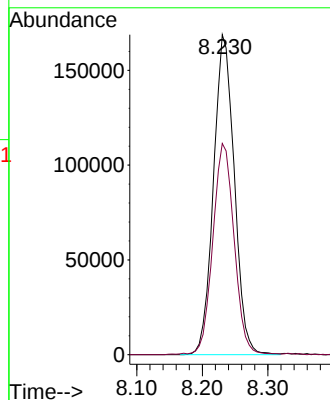
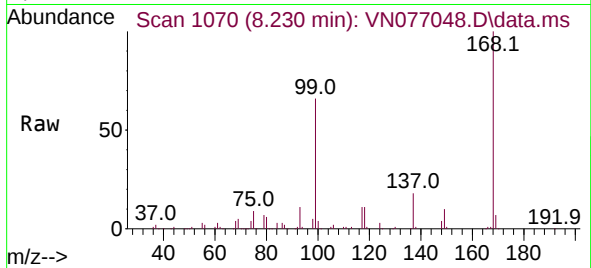




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

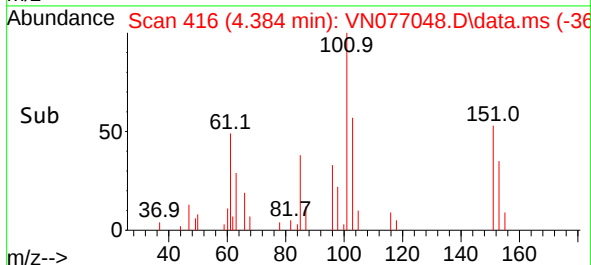
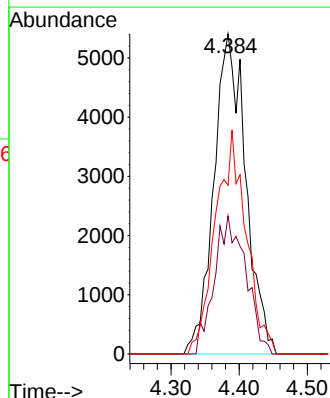
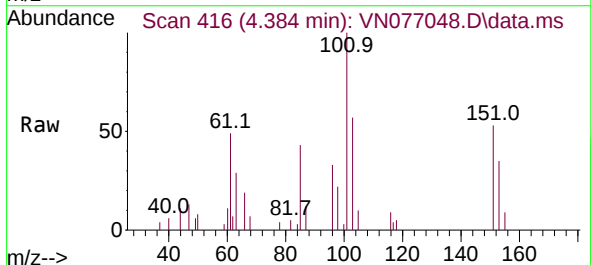
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313

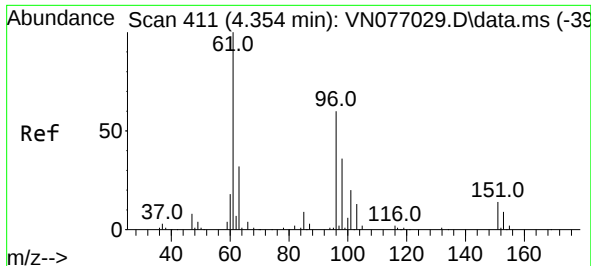
Tgt Ion:168 Resp: 371509
Ion Ratio Lower Upper
168 100
99 65.8 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.552 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

Tgt Ion:101 Resp: 17513
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 67.3 56.9 85.3





#12

1,1-Dichloroethene

Concen: 3.403 ug/l

RT: 4.360 min Scan# 411

Delta R.T. 0.006 min

Lab File: VN077048.D

Acq: 17 Mar 2023 21:25

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20230313

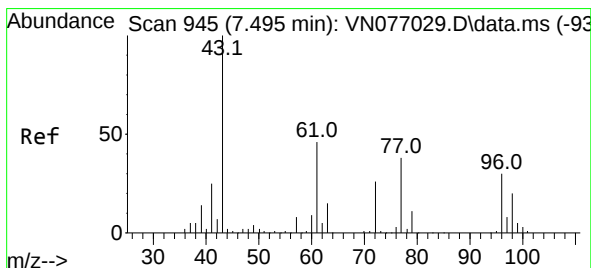
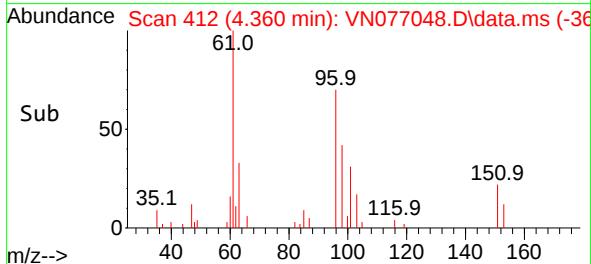
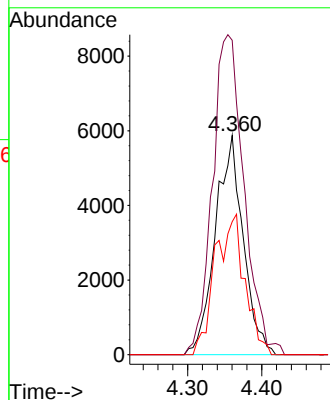
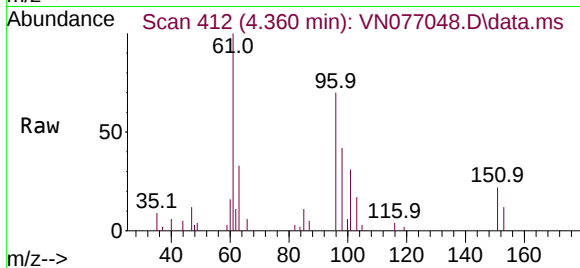
Tgt Ion: 96 Resp: 15349

Ion Ratio Lower Upper

96 100

61 143.4 133.8 200.8

98 60.7 48.6 72.8



#27

cis-1,2-Dichloroethene

Concen: 1.358 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077048.D

Acq: 17 Mar 2023 21:25

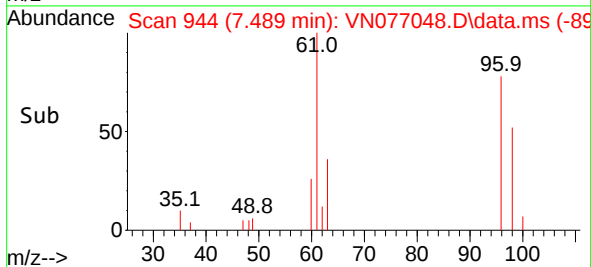
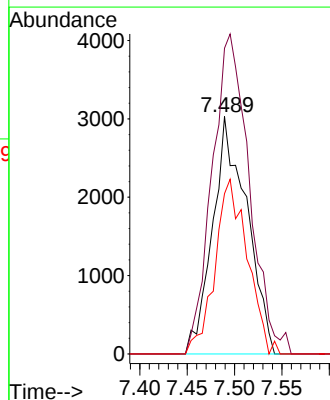
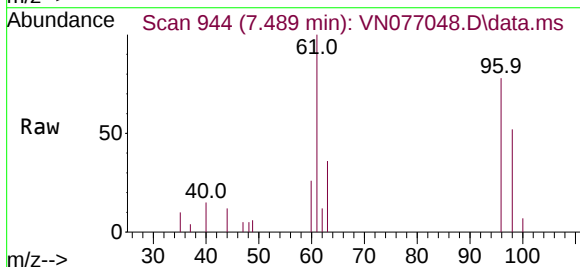
Tgt Ion: 96 Resp: 7603

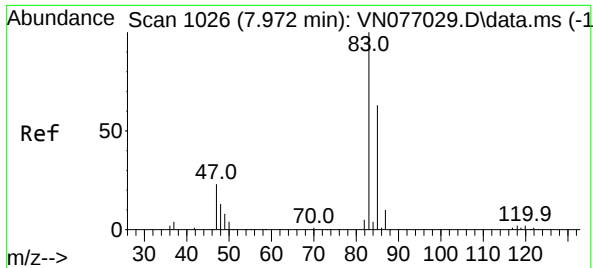
Ion Ratio Lower Upper

96 100

61 146.6 0.0 315.4

98 69.8 0.0 128.6

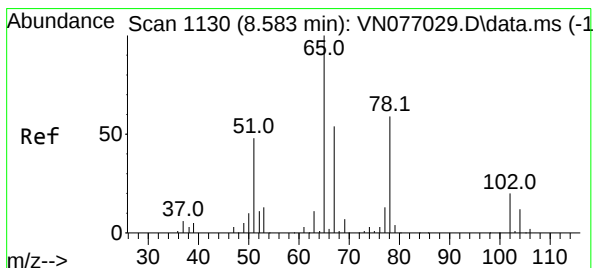
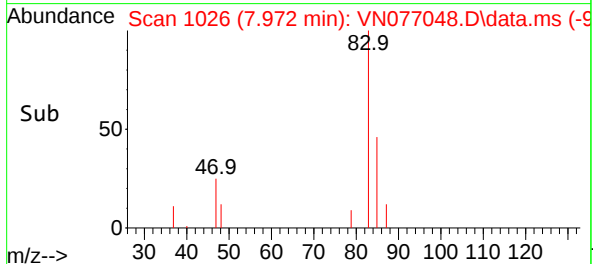
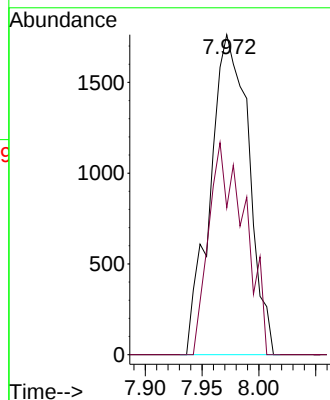
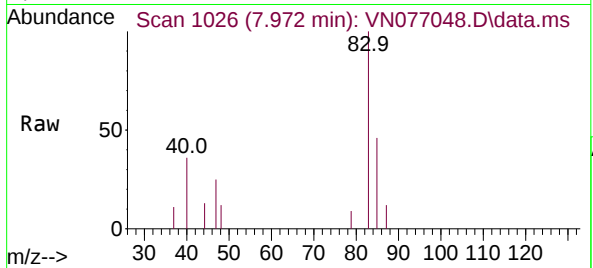




#30
Chloroform
Concen: 0.414 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

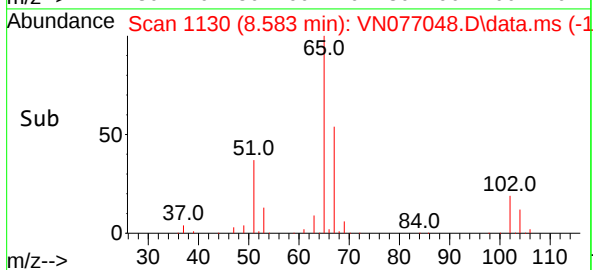
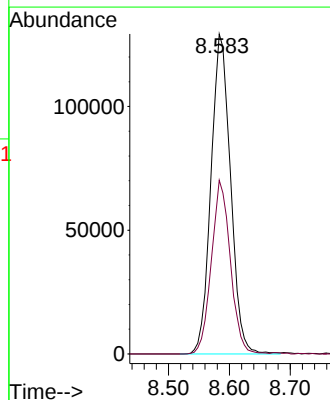
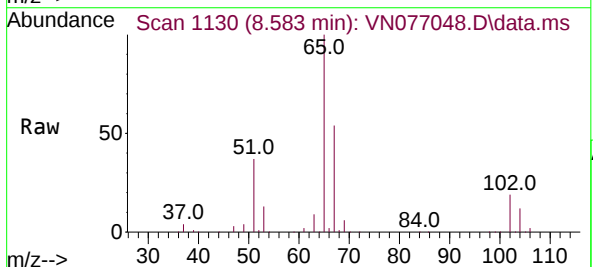
Instrument :
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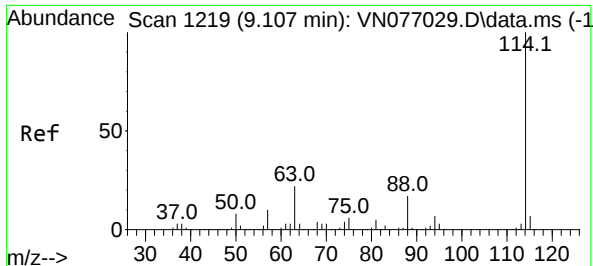
Tgt Ion: 83 Resp: 4155
Ion Ratio Lower Upper
83 100
85 45.9 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 48.584 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

Tgt Ion: 65 Resp: 288307
Ion Ratio Lower Upper
65 100
67 52.6 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: VN077048.D

Acq: 17 Mar 2023 21:25

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20230313

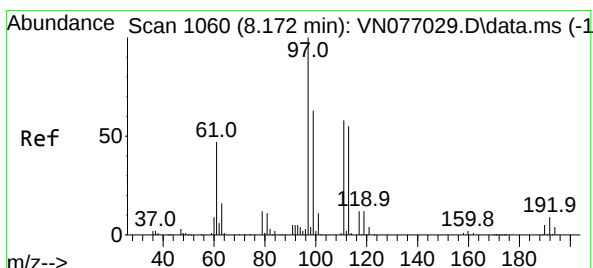
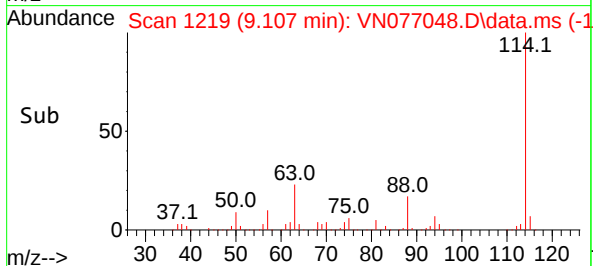
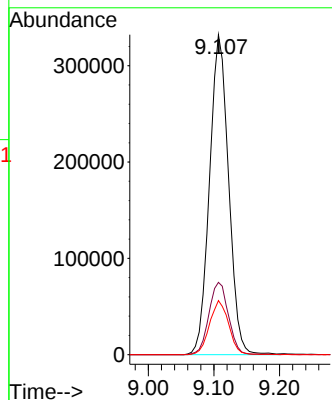
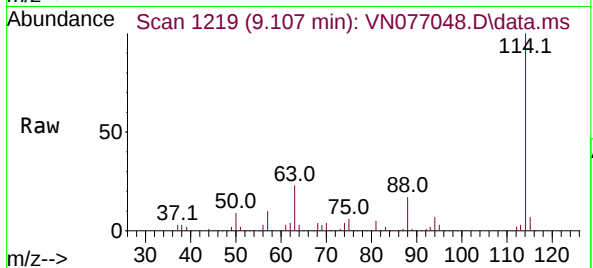
Tgt Ion:114 Resp: 671875

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.249 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077048.D

Acq: 17 Mar 2023 21:25

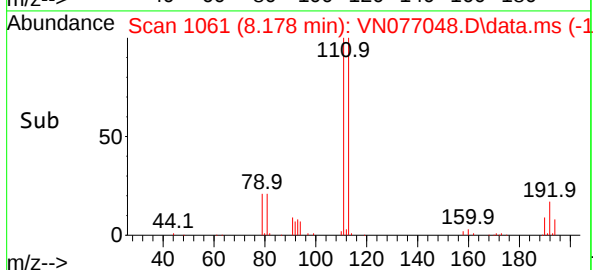
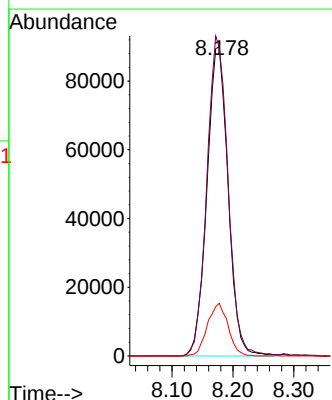
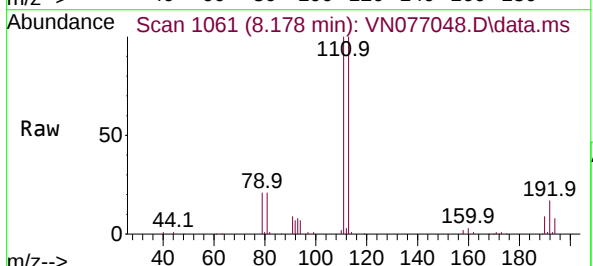
Tgt Ion:113 Resp: 217612

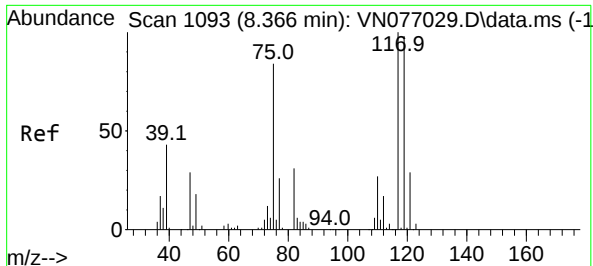
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 16.6 13.0 19.6

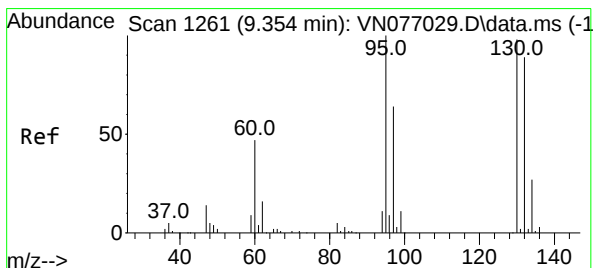
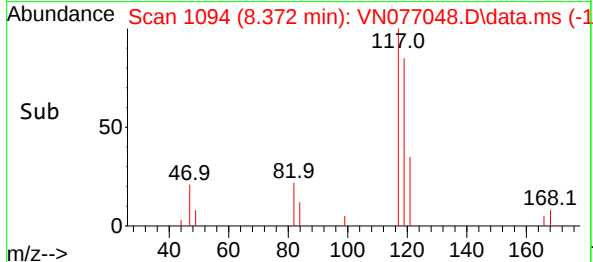
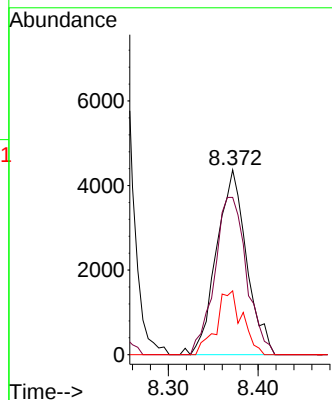
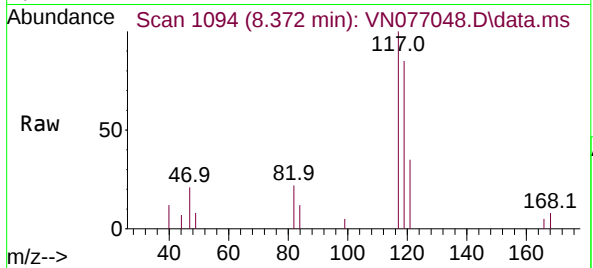




#38
Carbon Tetrachloride
Concen: 1.418 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

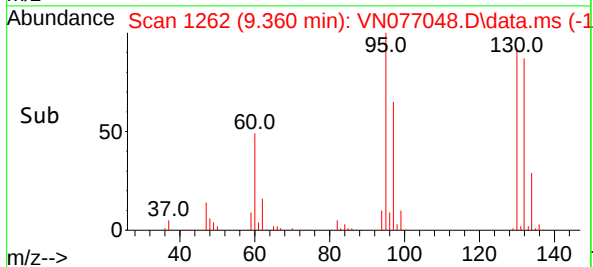
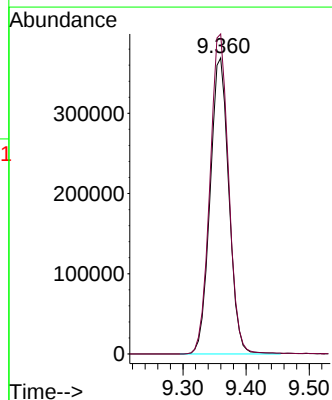
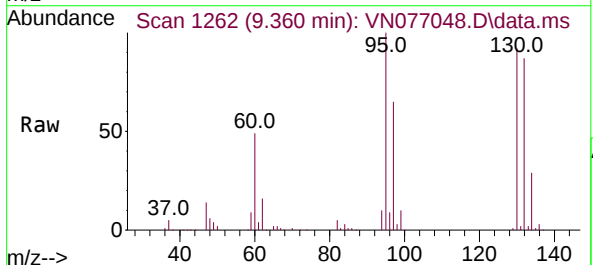
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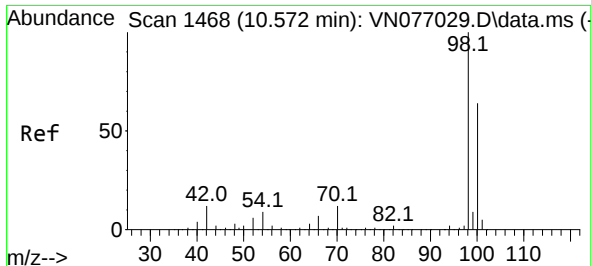
Tgt Ion:117 Resp: 10152
Ion Ratio Lower Upper
117 100
119 85.1 78.2 117.2
121 34.6 23.2 34.8



#44
Trichloroethene
Concen: 148.736 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

Tgt Ion:130 Resp: 761461
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.4

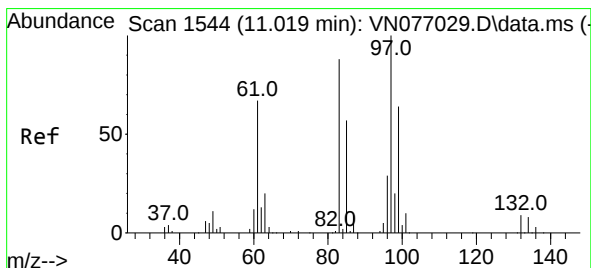
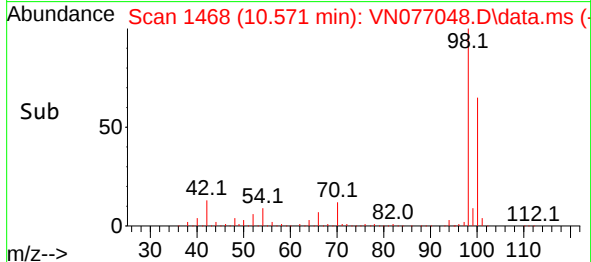
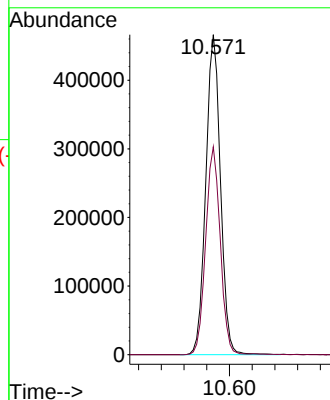
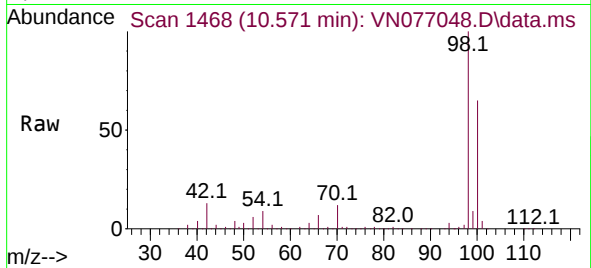




#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

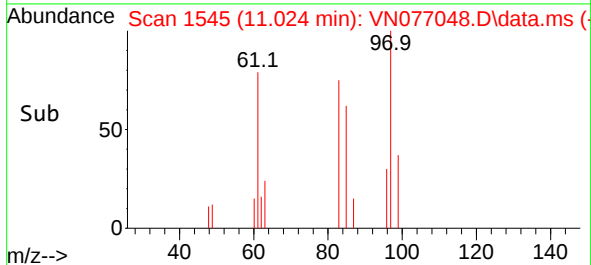
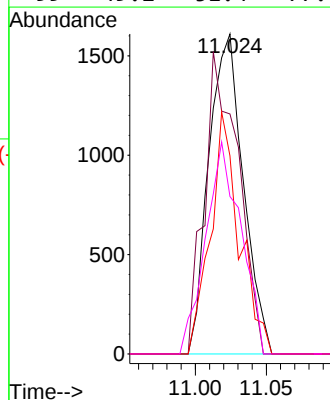
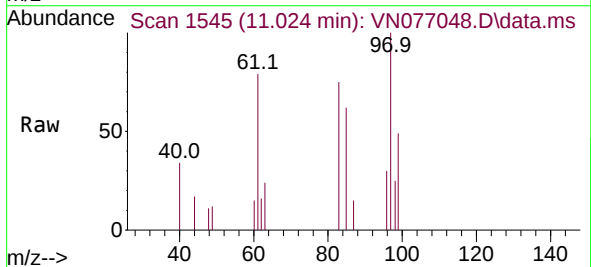
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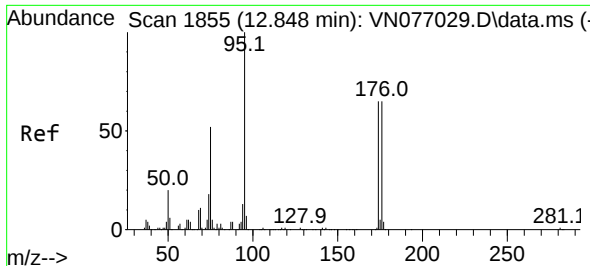
Tgt Ion: 98 Resp: 832848
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#55
1,1,2-Trichloroethane
Concen: 0.518 ug/l
RT: 11.024 min Scan# 1545
Delta R.T. 0.006 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

Tgt Ion: 97 Resp: 2718
Ion Ratio Lower Upper
97 100
83 75.0 70.5 105.7
85 61.9 45.4 68.2
99 49.2 51.4 77.0#

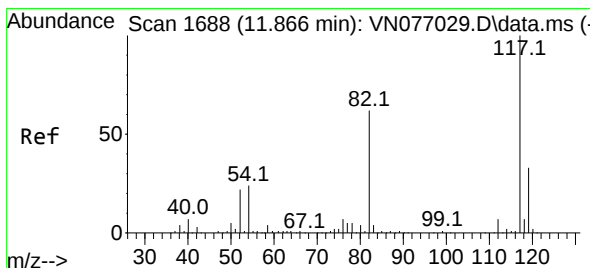
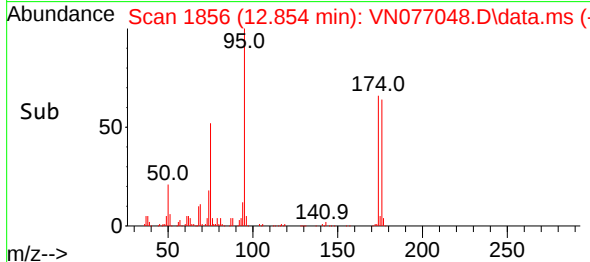
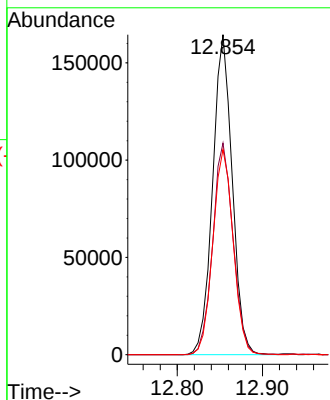
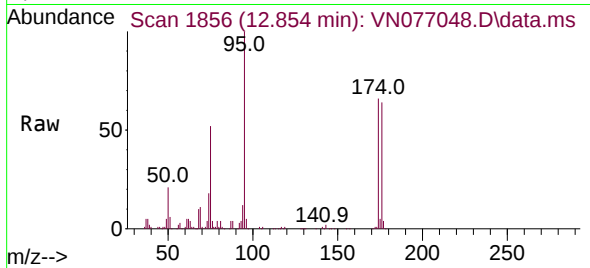




#62
4-Bromofluorobenzene
Concen: 44.229 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

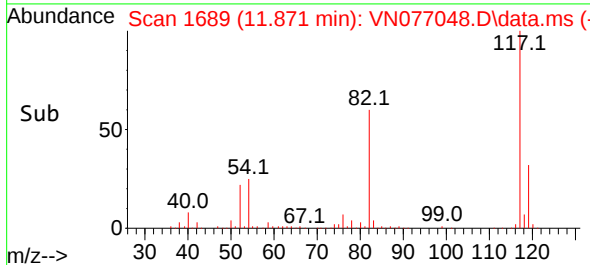
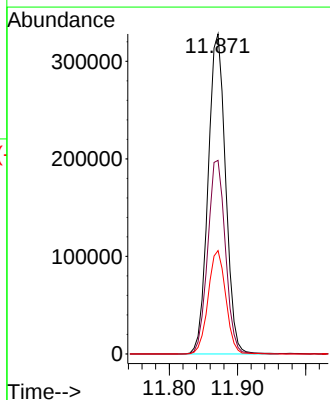
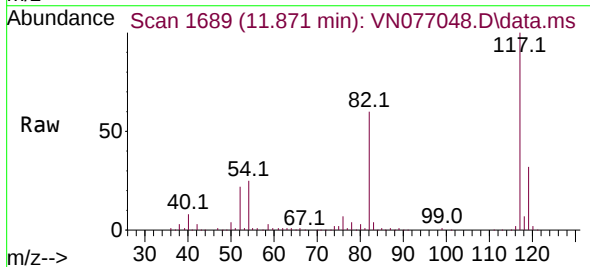
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313

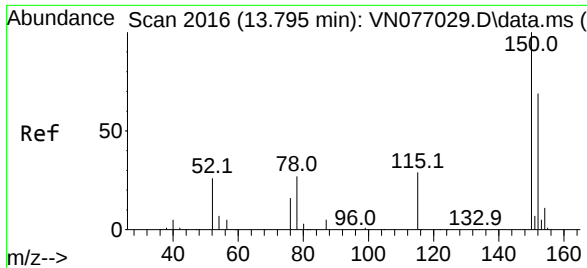
Tgt Ion: 95 Resp: 262686
Ion Ratio Lower Upper
95 100
174 68.7 0.0 136.6
176 66.7 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077048.D
Acq: 17 Mar 2023 21:25

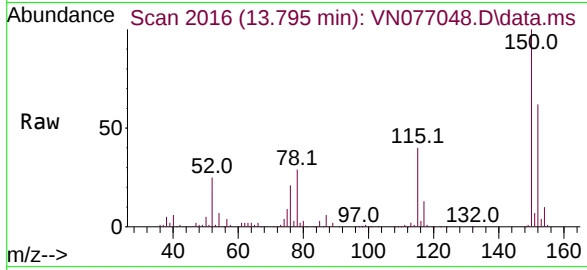
Tgt Ion: 117 Resp: 586634
Ion Ratio Lower Upper
117 100
82 60.5 49.4 74.0
119 32.3 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077048.D
 Acq: 17 Mar 2023 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20230313



Tgt Ion:152 Resp: 214150

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.9	95.7
150	158.8	0.0	348.0

