

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077077.D
 Acq On : 20 Mar 2023 18:43
 Operator : JC\MD
 Sample : 01941-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313

Quant Time: Mar 21 05:40:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

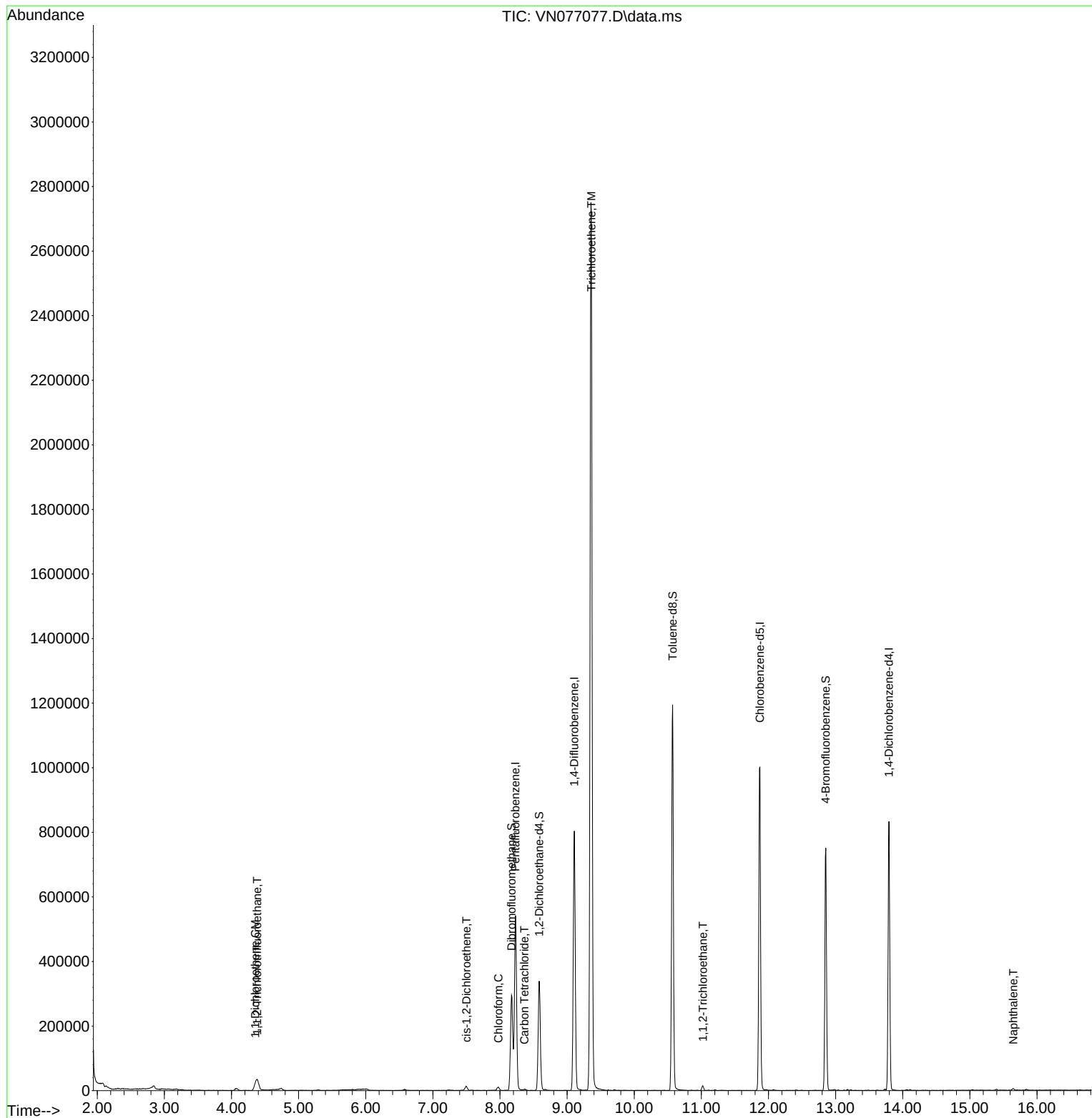
Internal Standards						
1) Pentafluorobenzene	8.231	168	372023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	669073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	584252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	215500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	277035	46.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.240%
35) Dibromofluoromethane	8.172	113	215911	46.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	10.572	98	818162	48.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.854	95	274224	46.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.384	101	20149	4.081	ug/l	95
12) 1,1-Dichloroethene	4.354	96	10275	2.275	ug/l	96
27) cis-1,2-Dichloroethene	7.501	96	7780	1.388	ug/l	81
30) Chloroform	7.978	83	10455	1.039	ug/l	100
38) Carbon Tetrachloride	8.366	117	2491	0.349	ug/l	84
44) Trichloroethene	9.360	130	988493	193.891	ug/l	97
55) 1,1,2-Trichloroethane	11.025	97	4940	0.945	ug/l	94
95) Naphthalene	15.648	128	5610	2.289	ug/l	98

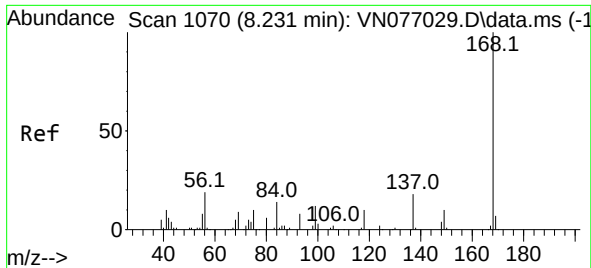
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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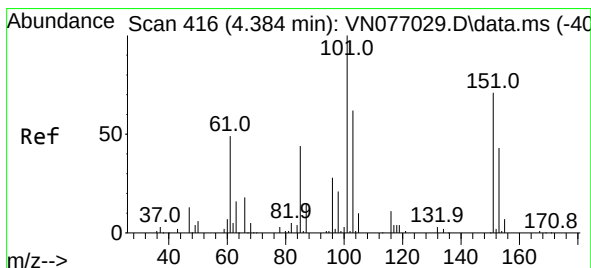
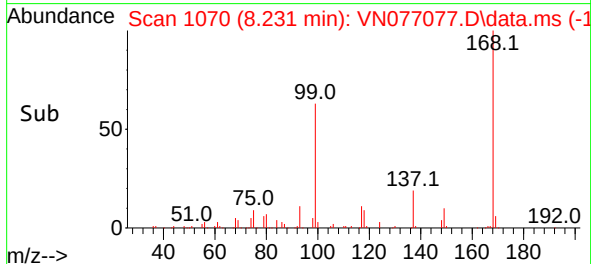
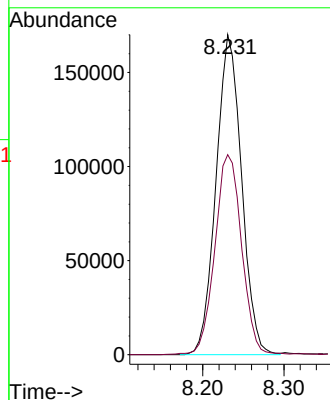
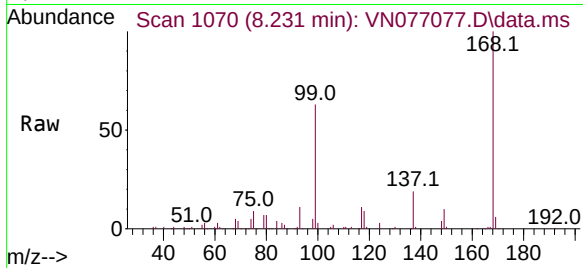




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

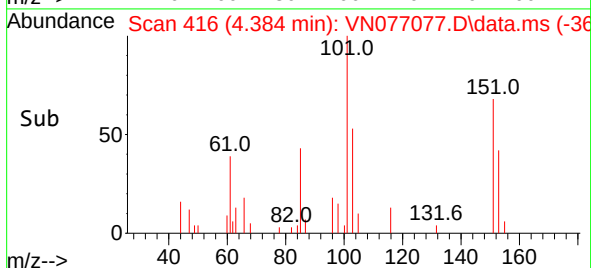
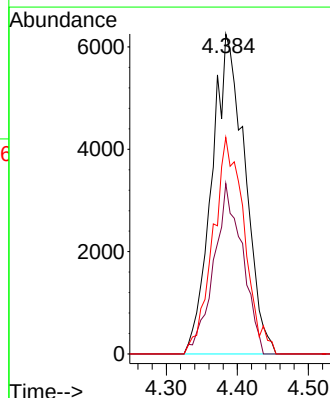
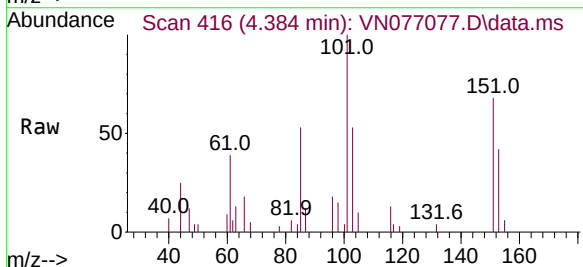
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313

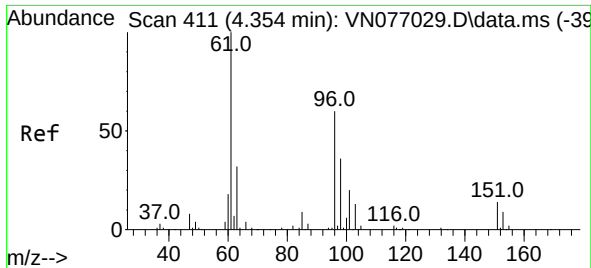
Tgt Ion:168 Resp: 372023
Ion Ratio Lower Upper
168 100
99 62.1 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.081 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Tgt Ion:101 Resp: 20149
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 64.4 56.9 85.3

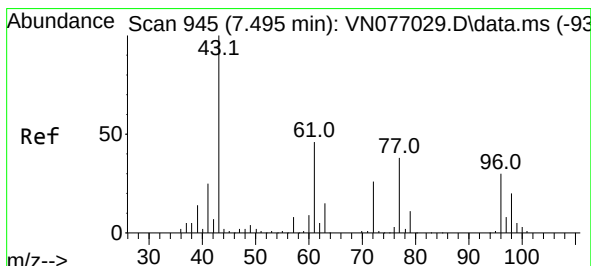
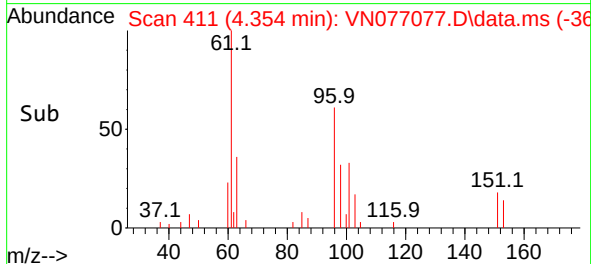
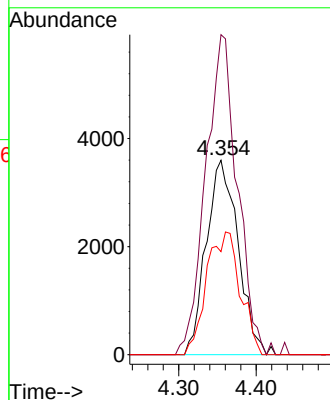
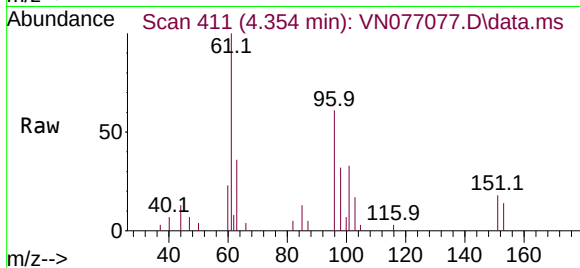




#12
 1,1-Dichloroethene
 Concen: 2.275 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN077077.D
 Acq: 20 Mar 2023 18:43

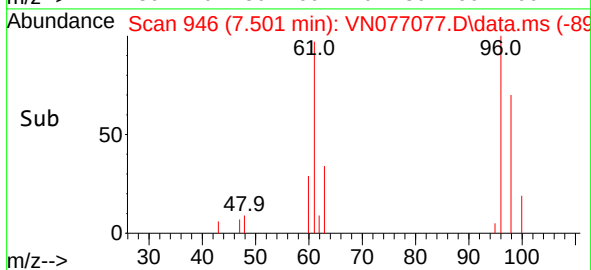
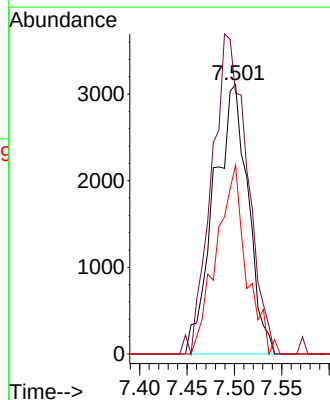
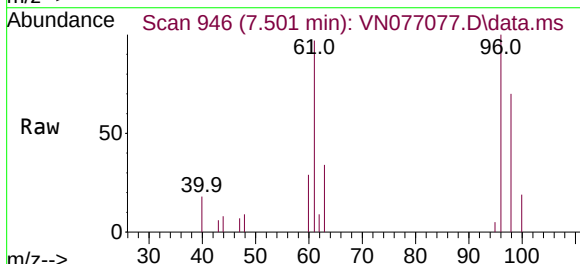
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313

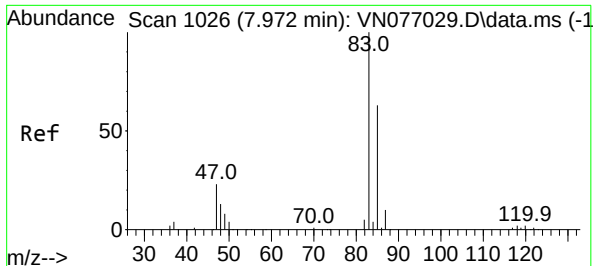
Tgt Ion:	96	Resp:	10275
Ion	Ratio	Lower	Upper
96	100		
61	164.6	133.8	200.8
98	53.0	48.6	72.8



#27
 cis-1,2-Dichloroethene
 Concen: 1.388 ug/l
 RT: 7.501 min Scan# 946
 Delta R.T. 0.006 min
 Lab File: VN077077.D
 Acq: 20 Mar 2023 18:43

Tgt Ion:	96	Resp:	7780
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	315.4
98	61.6	0.0	128.6





#30

Chloroform

Concen: 1.039 ug/l

RT: 7.978 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077077.D

Acq: 20 Mar 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

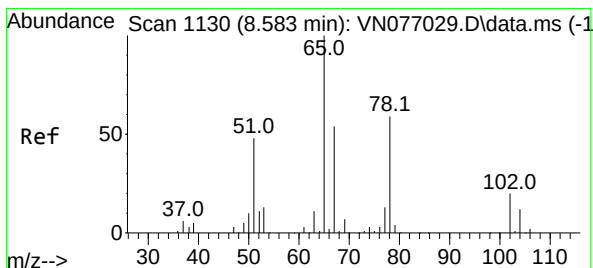
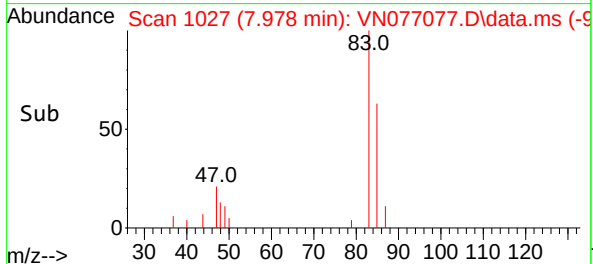
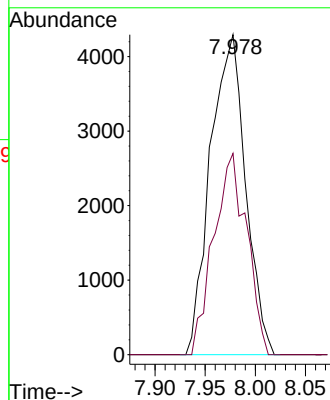
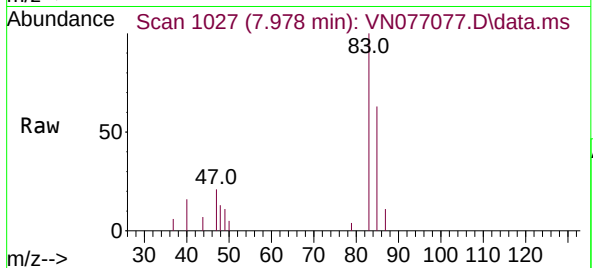
TT180D1-20230313

Tgt Ion: 83 Resp: 10455

Ion Ratio Lower Upper

83 100

85 62.9 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 46.620 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077077.D

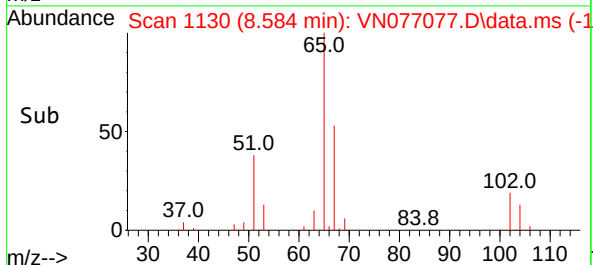
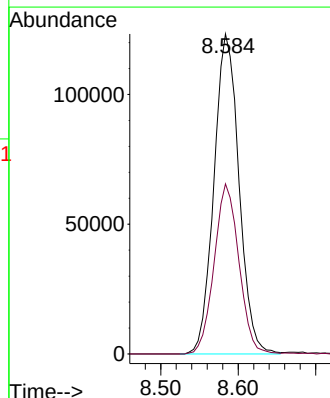
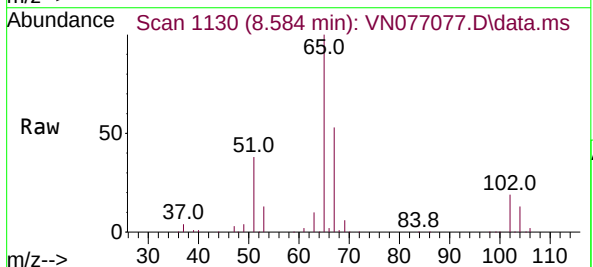
Acq: 20 Mar 2023 18:43

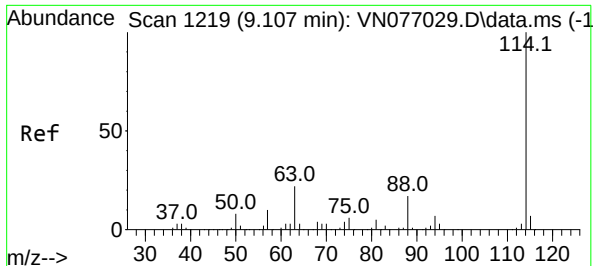
Tgt Ion: 65 Resp: 277035

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077077.D

Acq: 20 Mar 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313

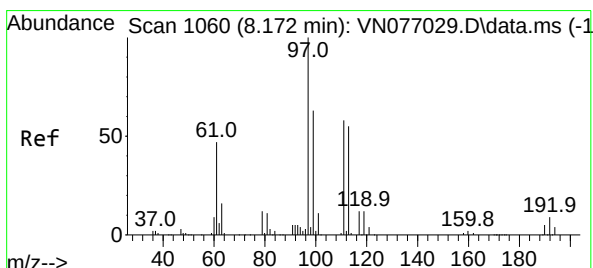
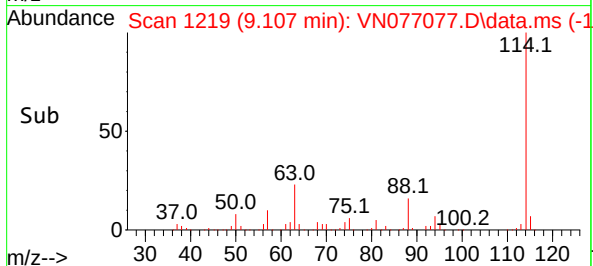
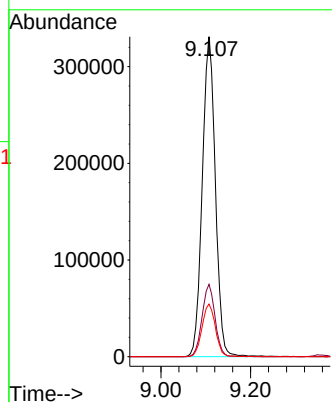
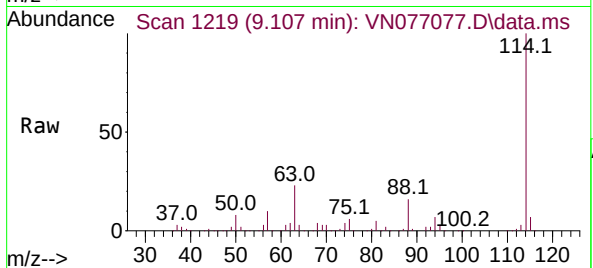
Tgt Ion:114 Resp: 669073

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.4 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.080 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077077.D

Acq: 20 Mar 2023 18:43

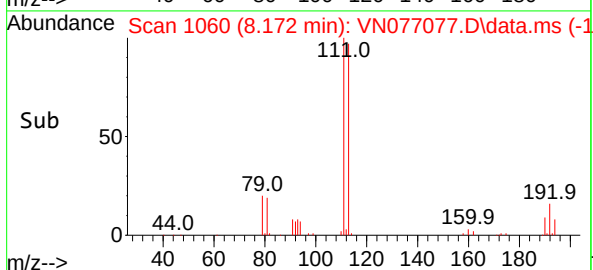
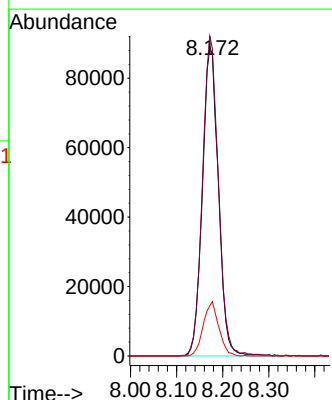
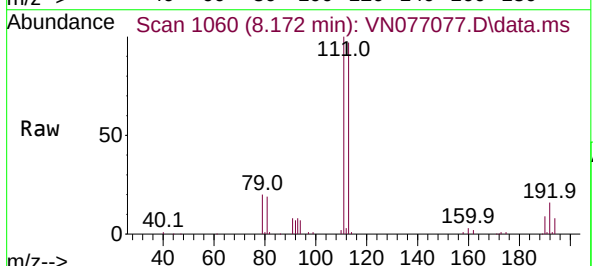
Tgt Ion:113 Resp: 215911

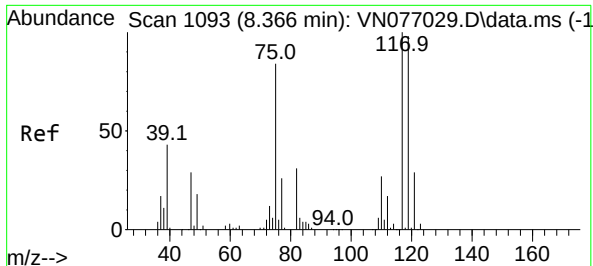
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 17.0 13.0 19.6

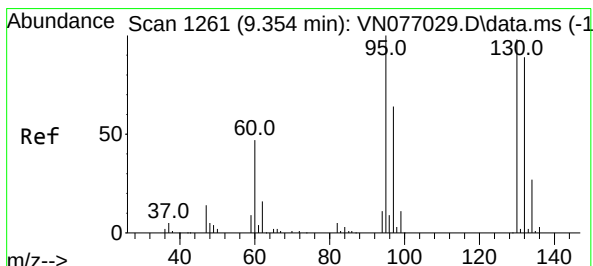
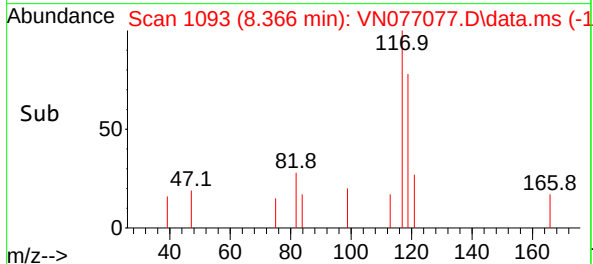
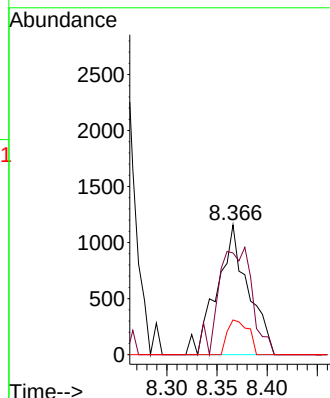
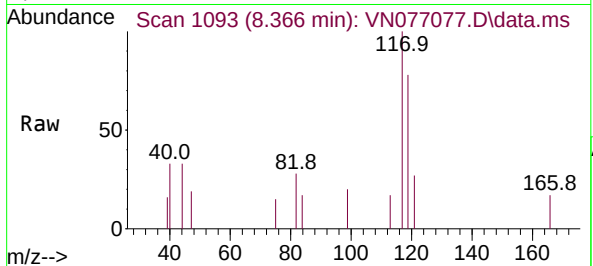




#38
Carbon Tetrachloride
Concen: 0.349 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

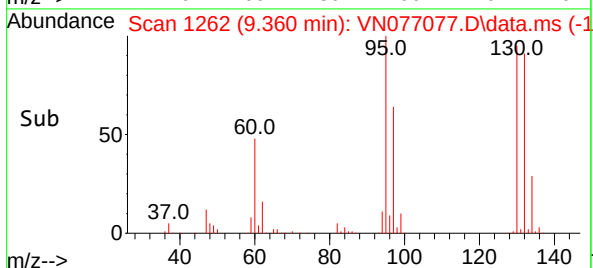
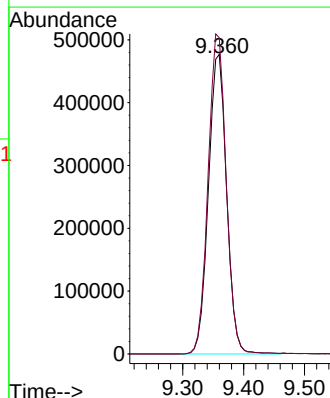
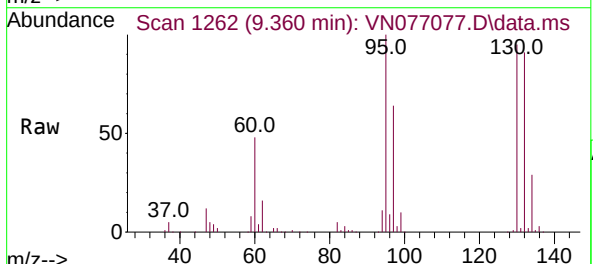
Instrument :
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ClientSampleId :
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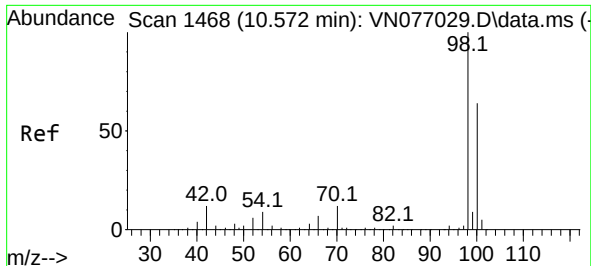
Tgt Ion:117 Resp: 2491
Ion Ratio Lower Upper
117 100
119 78.4 78.2 117.2
121 26.7 23.2 34.8



#44
Trichloroethene
Concen: 193.891 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Tgt Ion:130 Resp: 988493
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.4

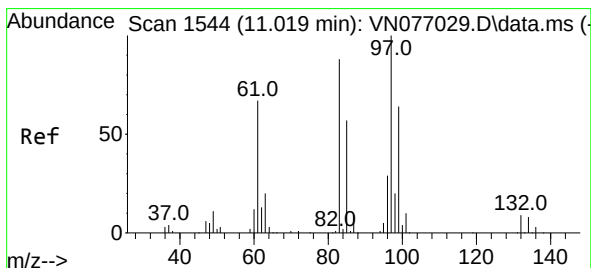
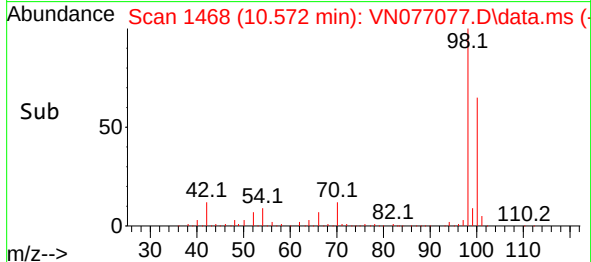
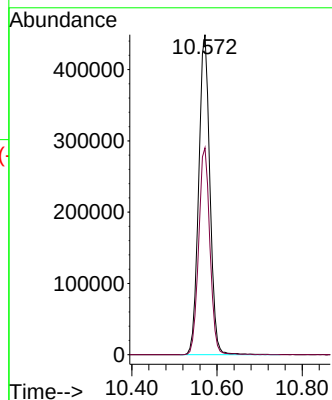
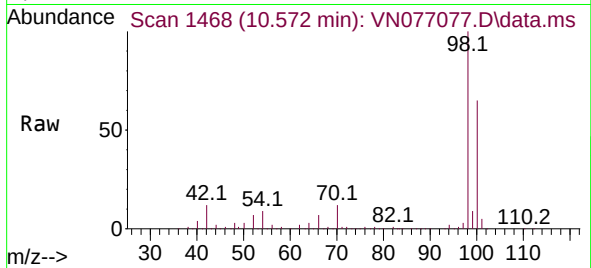




#50
Toluene-d8
Concen: 48.882 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

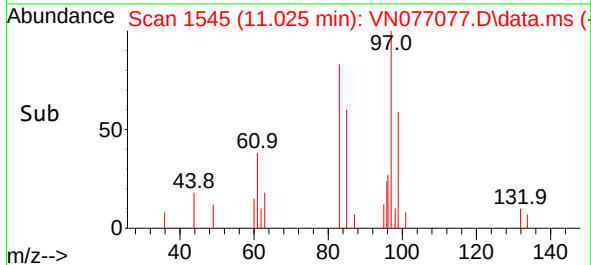
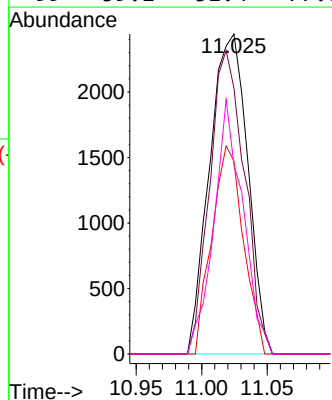
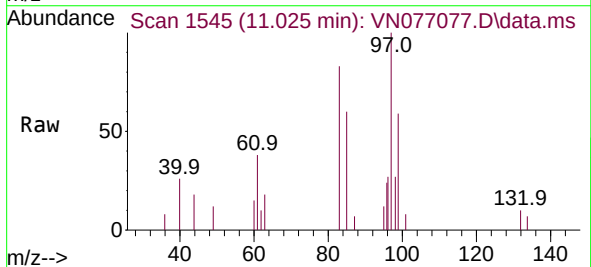
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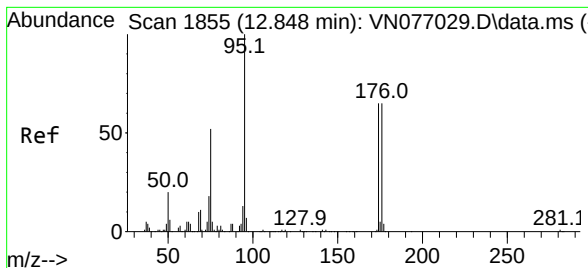
Tgt Ion: 98 Resp: 818162
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#55
1,1,2-Trichloroethane
Concen: 0.945 ug/l
RT: 11.025 min Scan# 1545
Delta R.T. 0.006 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Tgt Ion: 97 Resp: 4940
Ion Ratio Lower Upper
97 100
83 83.1 70.5 105.7
85 60.3 45.4 68.2
99 59.1 51.4 77.0

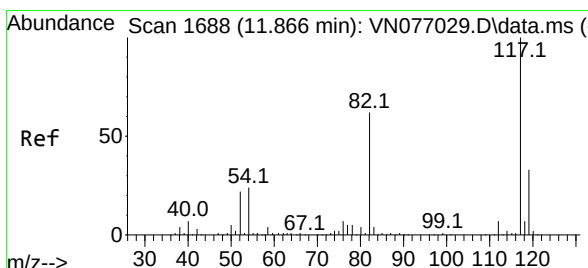
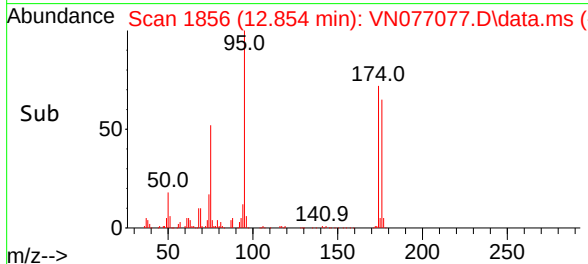
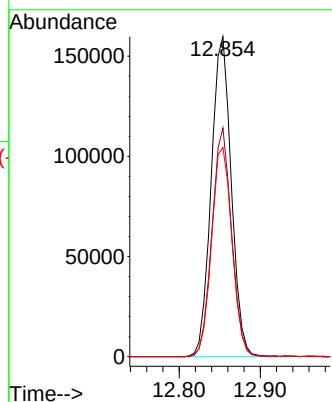
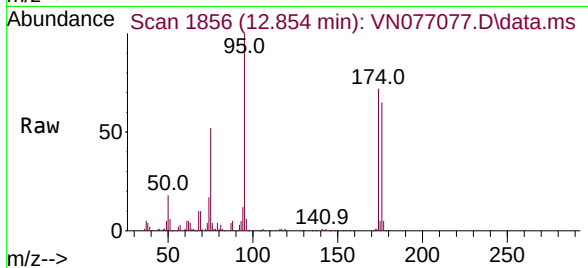




#62
4-Bromofluorobenzene
Concen: 46.365 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

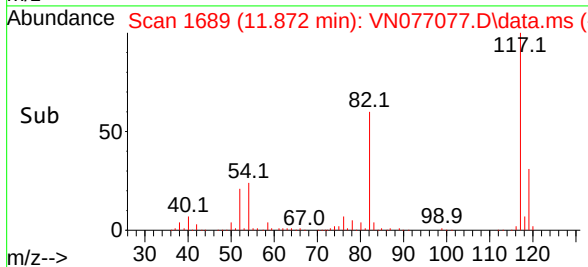
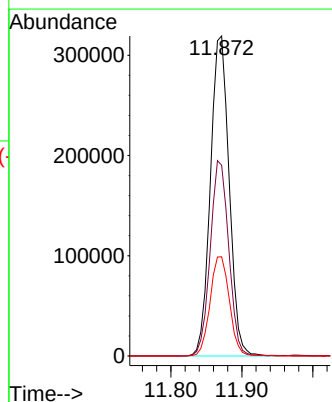
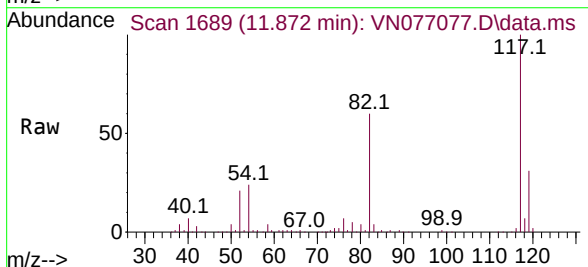
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313

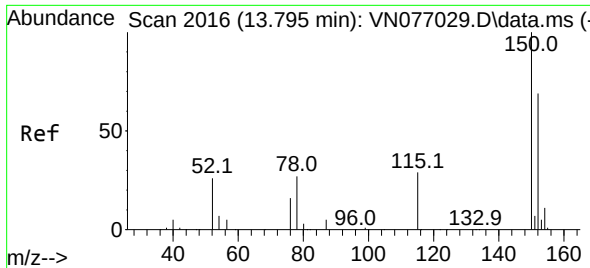
Tgt Ion: 95 Resp: 274224
Ion Ratio Lower Upper
95 100
174 69.9 0.0 136.6
176 66.5 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Tgt Ion: 117 Resp: 584252
Ion Ratio Lower Upper
117 100
82 59.6 49.4 74.0
119 31.0 26.5 39.7

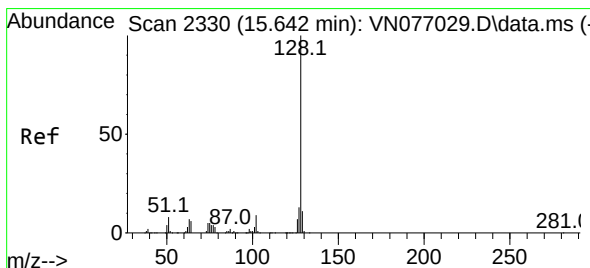
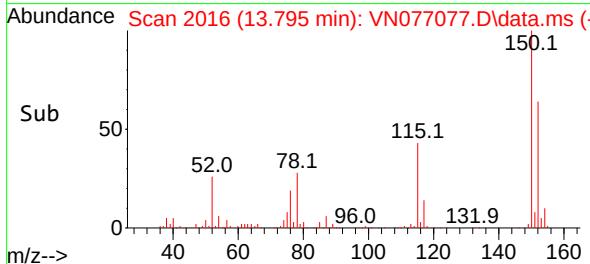
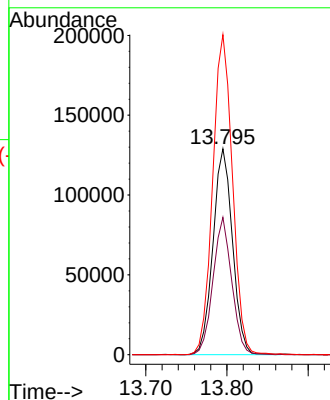
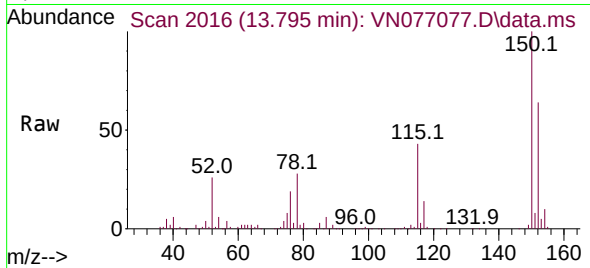




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313

Tgt Ion:152 Resp: 215500
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 157.3 0.0 348.0



#95
Naphthalene
Concen: 2.289 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077077.D
Acq: 20 Mar 2023 18:43

Tgt Ion:128 Resp: 5610
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 12.1 8.6 13.0

