

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077049.D
 Acq On : 17 Mar 2023 21:49
 Operator : JC\MD
 Sample : 01904-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20230313

Quant Time: Mar 18 02:36:25 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)

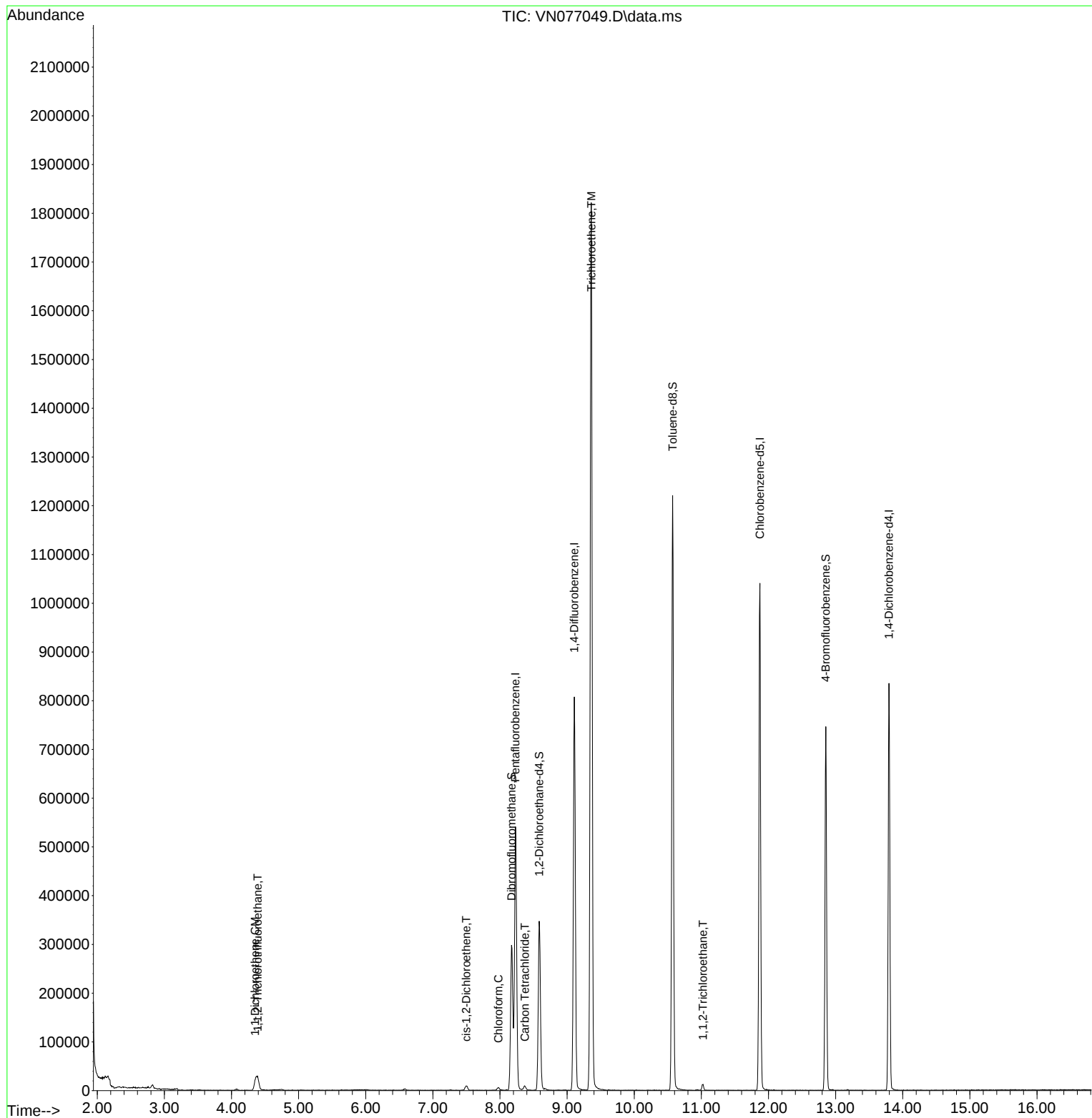
Internal Standards						
1) Pentafluorobenzene	8.231	168	363475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	671125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	592366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	214385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	286230	49.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.600%		
35) Dibromofluoromethane	8.172	113	216123	45.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	10.572	98	827820	49.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.620%		
62) 4-Bromofluorobenzene	12.854	95	259929	43.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.620%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.390	101	17254	3.577	ug/l	99
12) 1,1-Dichloroethene	4.349	96	9382	2.126	ug/l	84
27) cis-1,2-Dichloroethene	7.495	96	5784	1.056	ug/l	85
30) Chloroform	7.978	83	5870	0.597	ug/l	87
38) Carbon Tetrachloride	8.372	117	6221	0.870	ug/l	89
44) Trichloroethene	9.360	130	641371	125.419	ug/l	96
55) 1,1,2-Trichloroethane	11.025	97	4060	0.775	ug/l	99

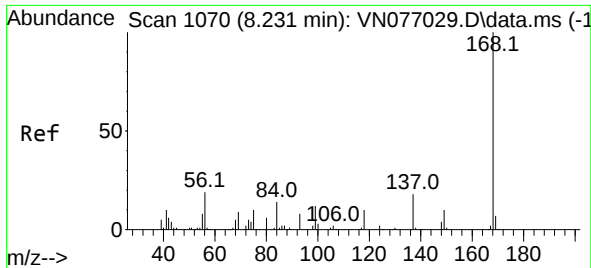
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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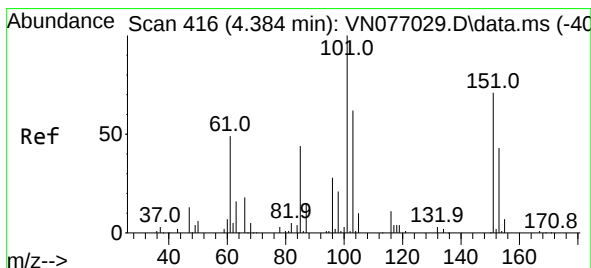
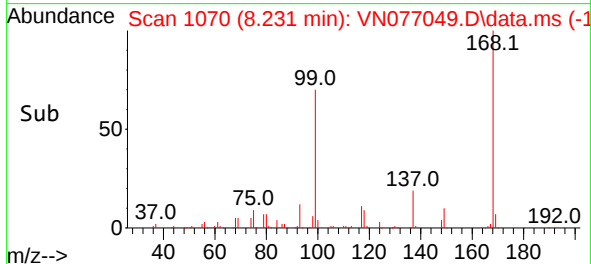
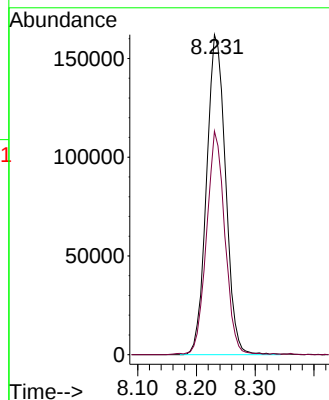
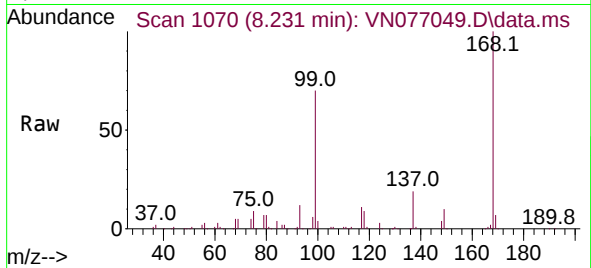




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

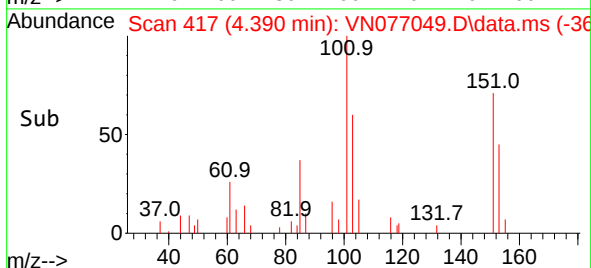
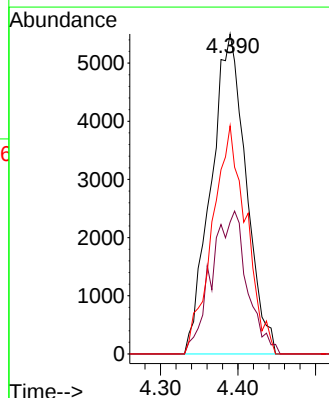
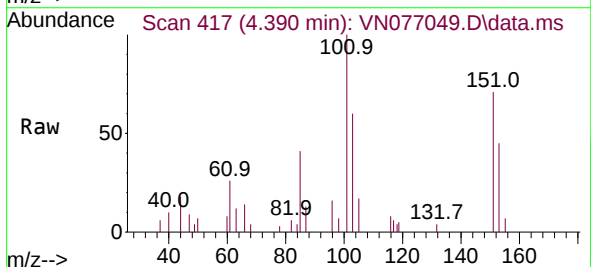
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313

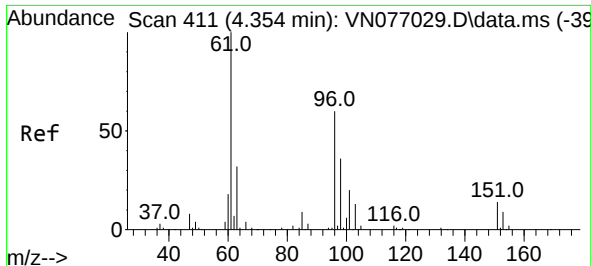
Tgt Ion:168 Resp: 363475
Ion Ratio Lower Upper
168 100
99 69.7 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.577 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

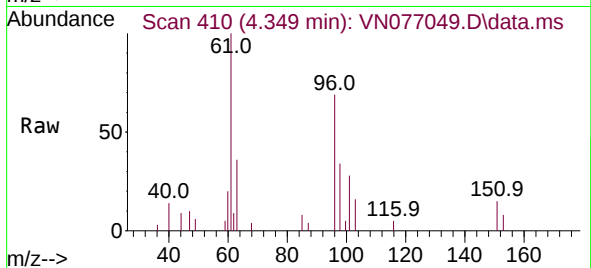
Tgt Ion:101 Resp: 17254
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 69.3 56.9 85.3



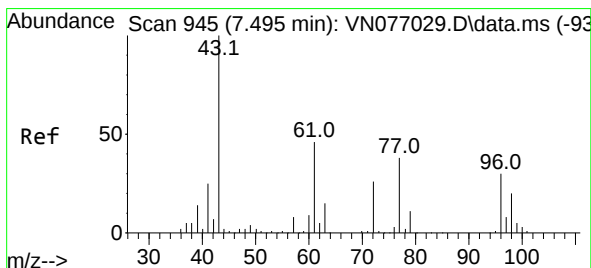
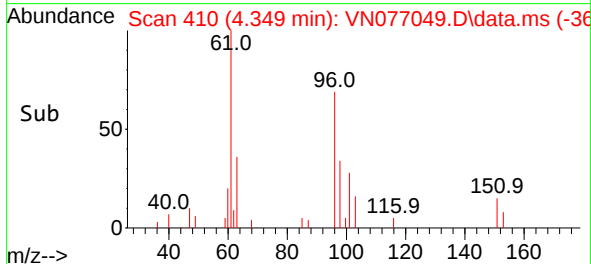
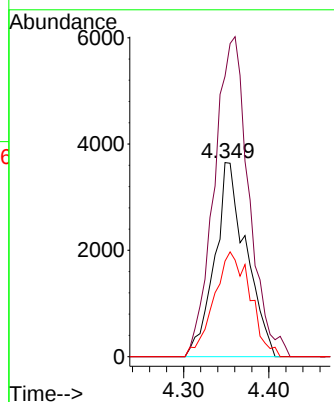


#12
 1,1-Dichloroethene
 Concen: 2.126 ug/l
 RT: 4.349 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN077049.D
 Acq: 17 Mar 2023 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20230313

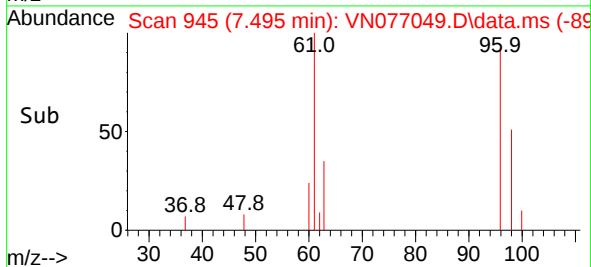
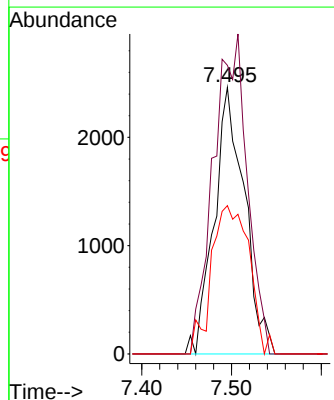
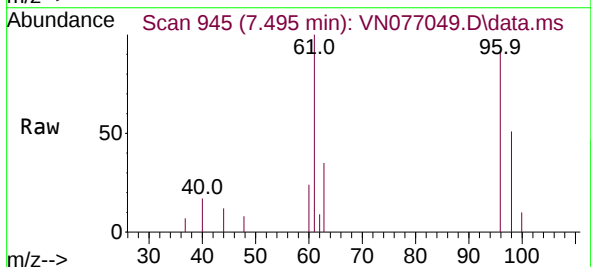


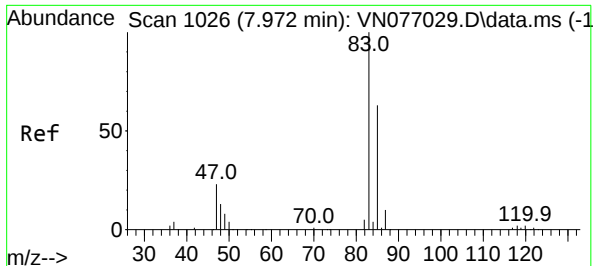
Tgt Ion:	96	Resp:	9382
Ion	Ratio	Lower	Upper
96	100		
61	144.5	133.8	200.8
98	49.2	48.6	72.8



#27
 cis-1,2-Dichloroethene
 Concen: 1.056 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077049.D
 Acq: 17 Mar 2023 21:49

Tgt Ion:	96	Resp:	5784
Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	315.4
98	69.1	0.0	128.6





#30

Chloroform

Concen: 0.597 ug/l

RT: 7.978 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077049.D

Acq: 17 Mar 2023 21:49

Instrument :

MSVOA_N

ClientSampleId :

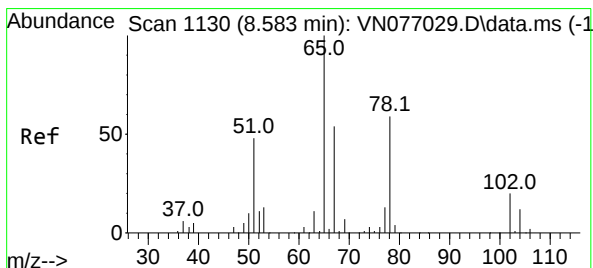
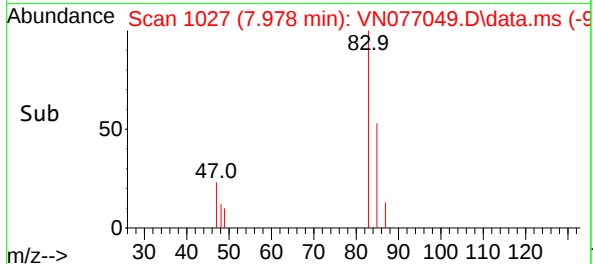
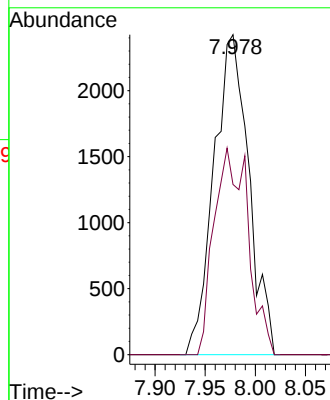
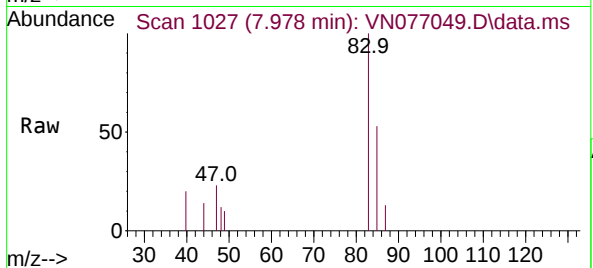
RE139D1-20230313

Tgt Ion: 83 Resp: 5870

Ion Ratio Lower Upper

83 100

85 53.2 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 49.300 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077049.D

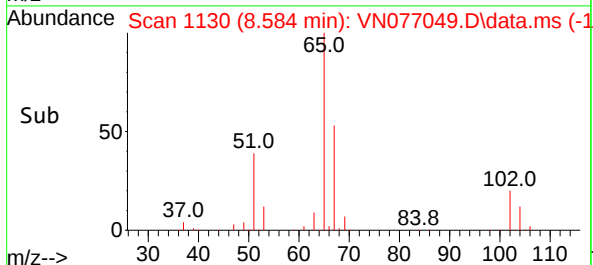
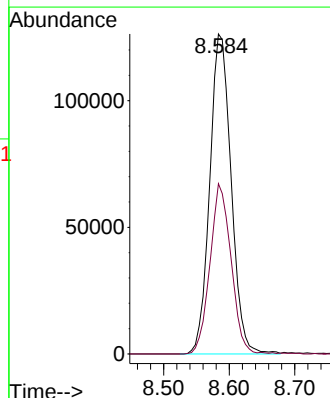
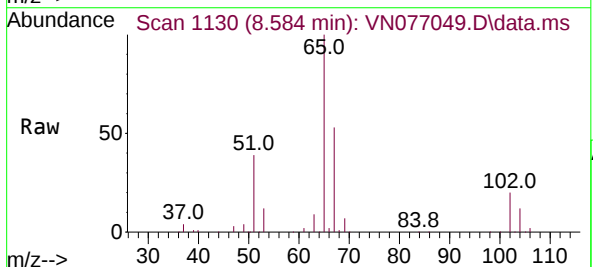
Acq: 17 Mar 2023 21:49

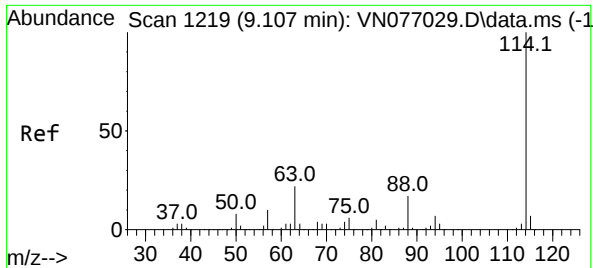
Tgt Ion: 65 Resp: 286230

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2

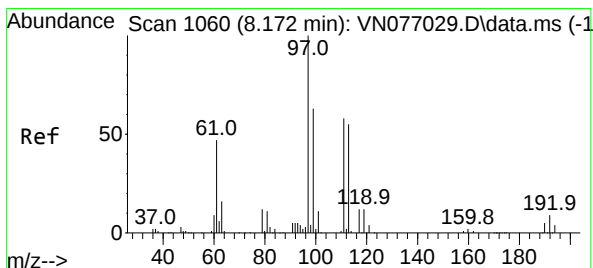
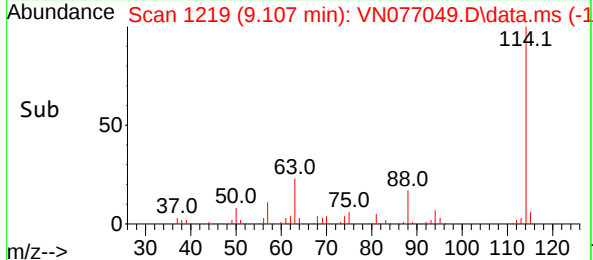
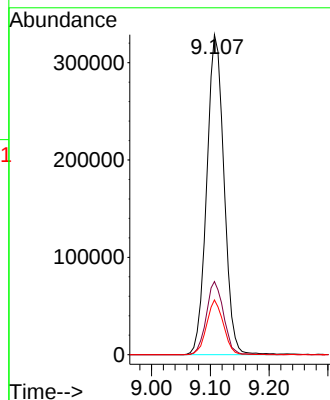
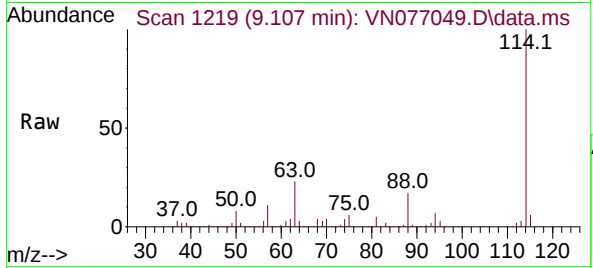




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

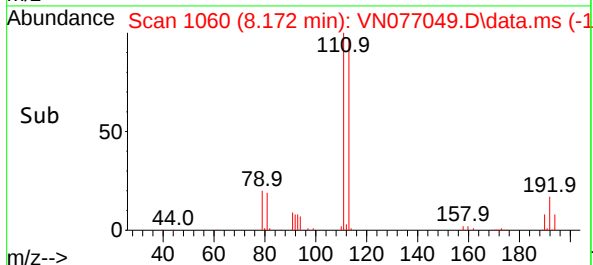
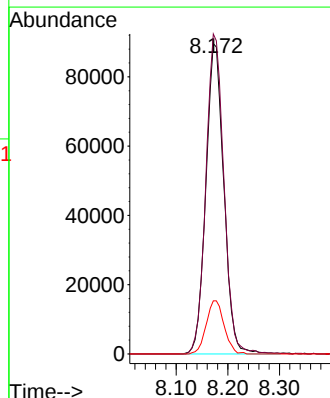
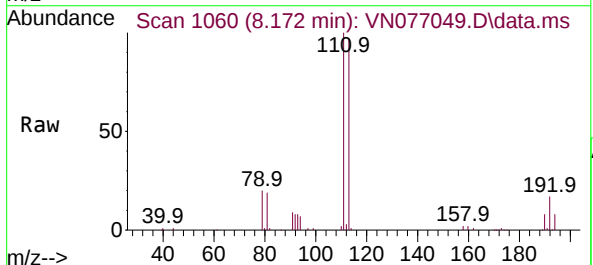
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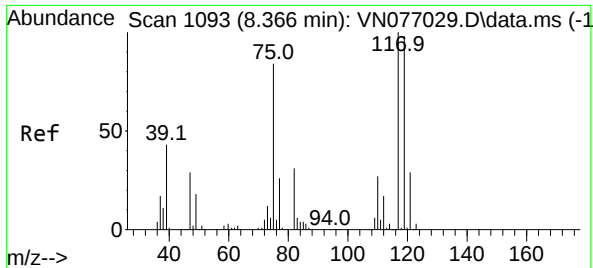
Tgt Ion:114 Resp: 671125
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.984 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

Tgt Ion:113 Resp: 216123
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 17.1 13.0 19.6

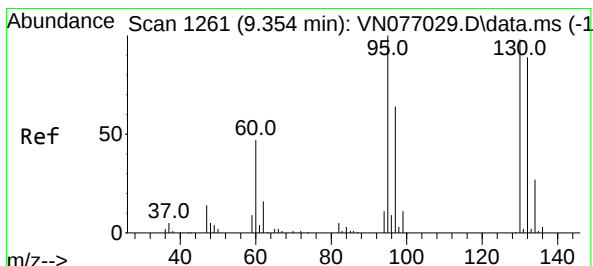
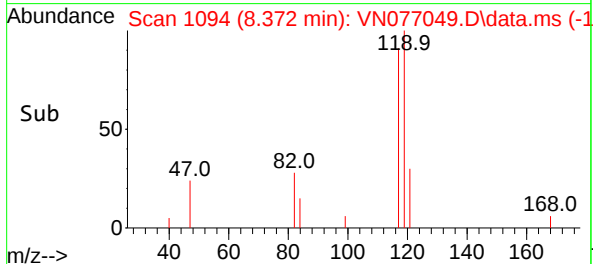
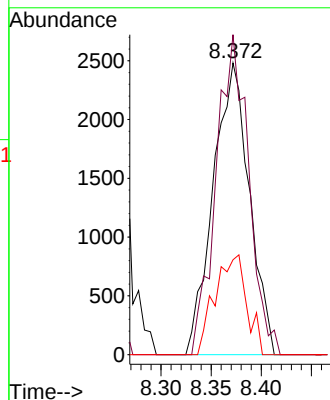
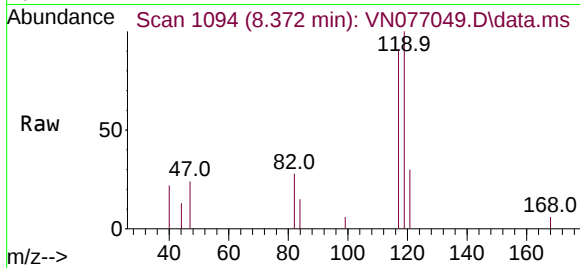




#38
Carbon Tetrachloride
Concen: 0.870 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

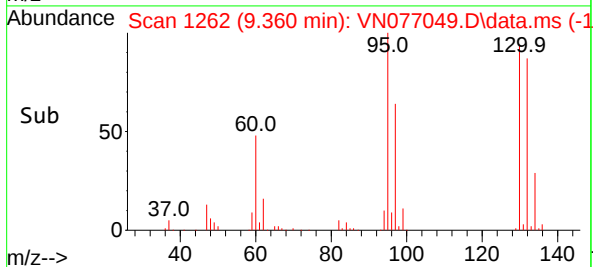
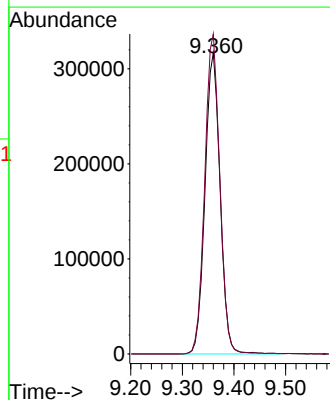
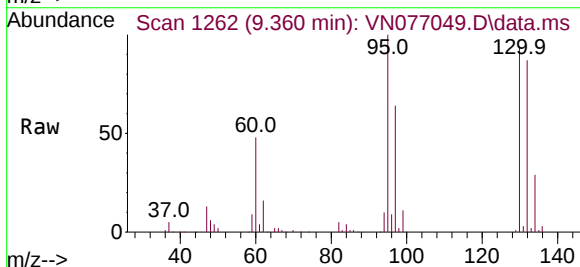
Instrument :
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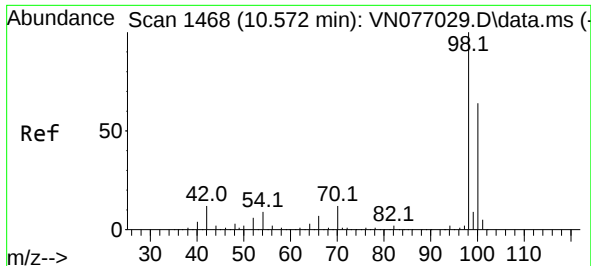
Tgt Ion:117 Resp: 6221
Ion Ratio Lower Upper
117 100
119 109.7 78.2 117.2
121 32.5 23.2 34.8



#44
Trichloroethene
Concen: 125.419 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

Tgt Ion:130 Resp: 641371
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.4

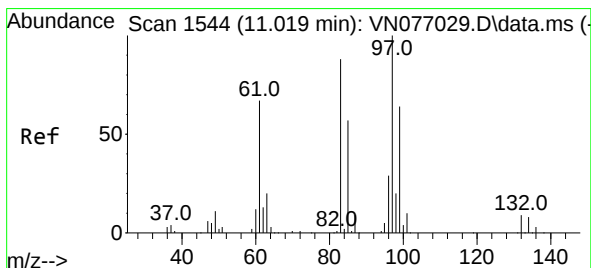
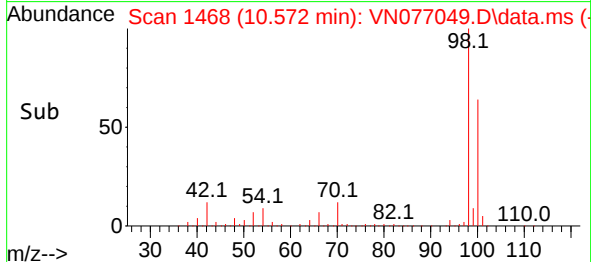
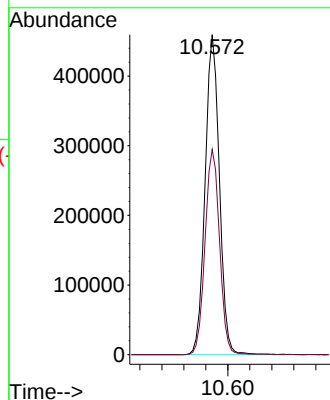
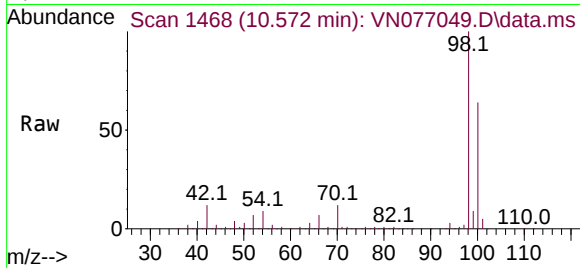




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

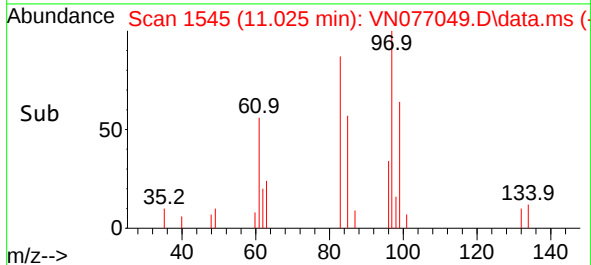
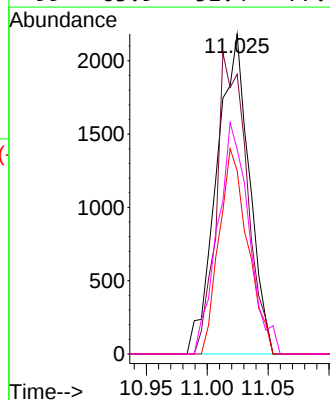
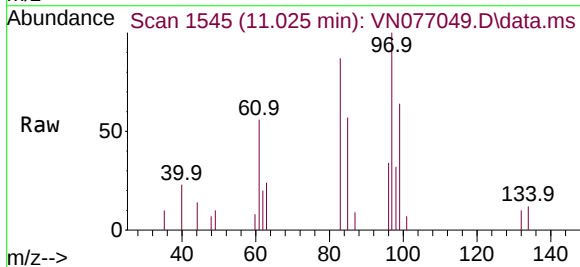
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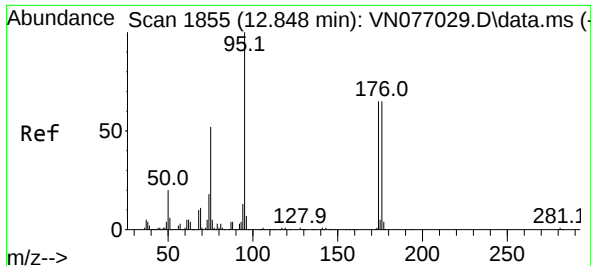
Tgt Ion: 98 Resp: 827820
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#55
1,1,2-Trichloroethane
Concen: 0.775 ug/l
RT: 11.025 min Scan# 1545
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

Tgt Ion: 97 Resp: 4060
Ion Ratio Lower Upper
97 100
83 87.4 70.5 105.7
85 57.3 45.4 68.2
99 63.9 51.4 77.0

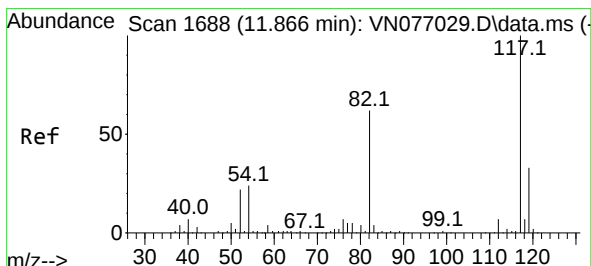
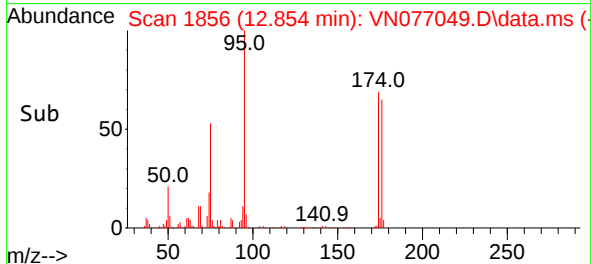
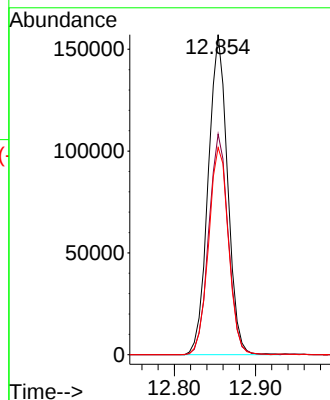
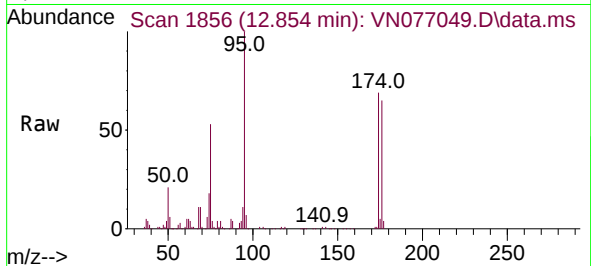




#62
4-Bromofluorobenzene
Concen: 43.814 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

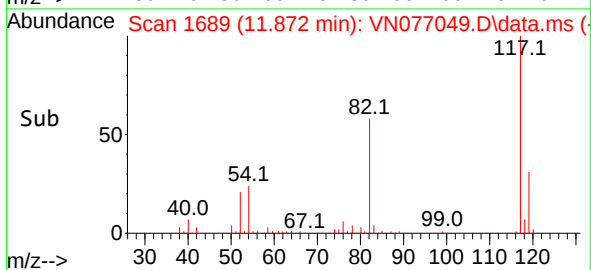
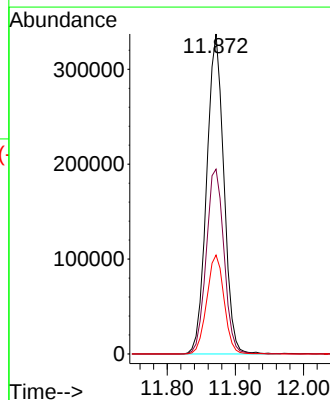
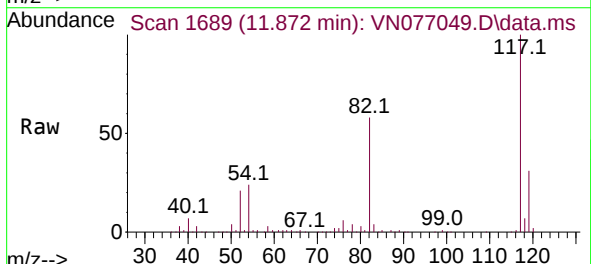
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313

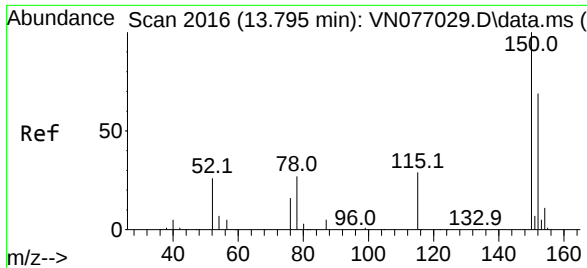
Tgt Ion: 95 Resp: 259929
Ion Ratio Lower Upper
95 100
174 69.4 0.0 136.6
176 66.5 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077049.D
Acq: 17 Mar 2023 21:49

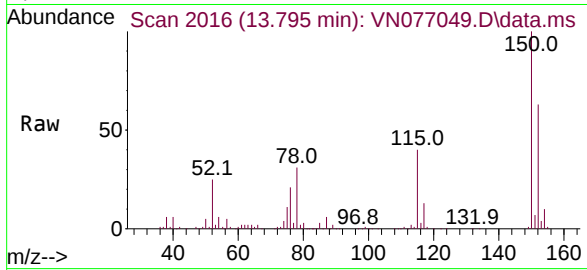
Tgt Ion: 117 Resp: 592366
Ion Ratio Lower Upper
117 100
82 57.7 49.4 74.0
119 30.9 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077049.D
 Acq: 17 Mar 2023 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20230313



Tgt Ion:152 Resp: 214385
 Ion Ratio Lower Upper
 152 100
 115 65.1 31.9 95.7
 150 156.8 0.0 348.0

