

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077151.D
 Acq On : 23 Mar 2023 15:53
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 24 01:35:07 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	488390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	866267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	728761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	252695	50.000	ug/l	0.00

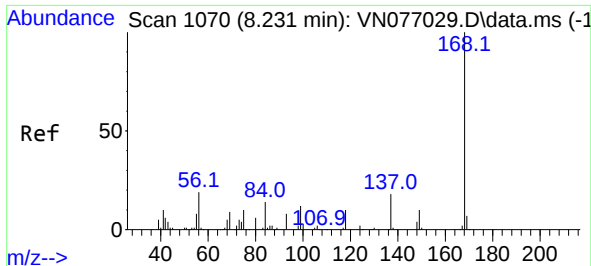
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	368696	47.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	8.172	113	277989	45.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	10.572	98	1051274	48.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.854	95	298168	38.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.880%#

Target Compounds					Qvalue	
3) Chloromethane	2.378	50	1040	0.211	ug/l #	43
6) Chloroethane	3.096	64	2253	0.670	ug/l #	42
11) Tert butyl alcohol	5.531	59	237	0.208	ug/l #	72
31) Cyclohexane	8.225	56	13813	1.082	ug/l #	23
36) 1,1-Dichloropropene	8.231	75	43939	4.637	ug/l #	52
38) Carbon Tetrachloride	8.231	117	53964	5.847	ug/l #	16
51) 4-Methyl-2-Pentanone	10.572	43	5944	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	167130	25.569	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	167130	70.382	ug/l #	10
95) Naphthalene	15.648	128	691	1.952	ug/l #	70

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

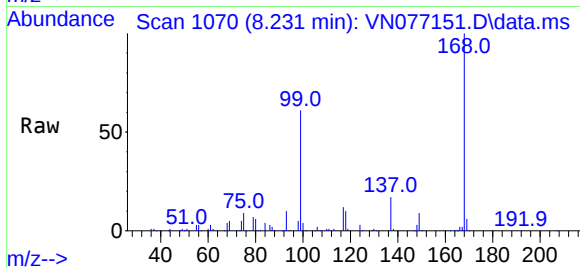
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration



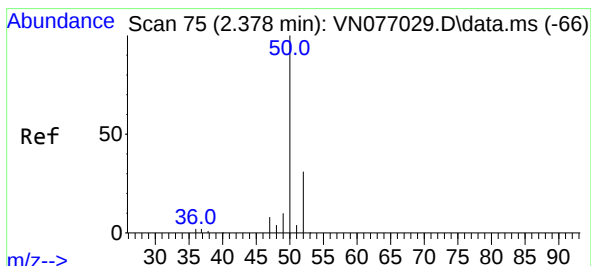
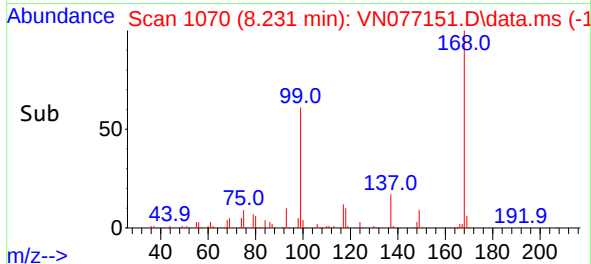
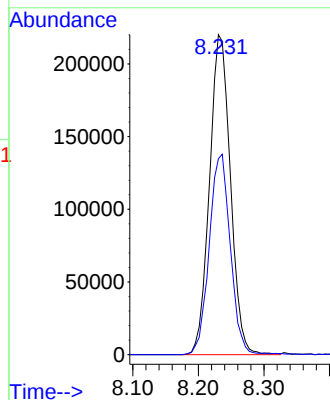


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :

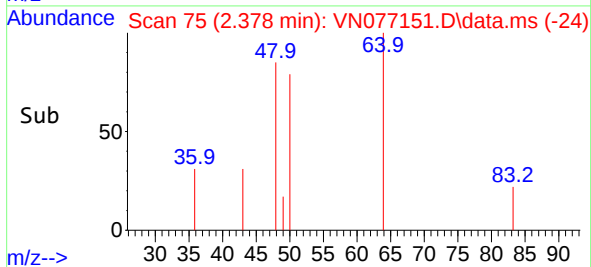
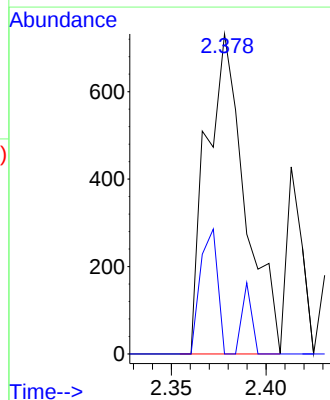
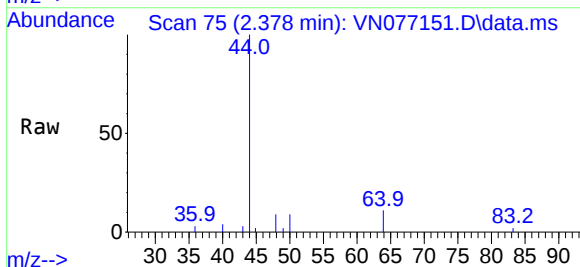


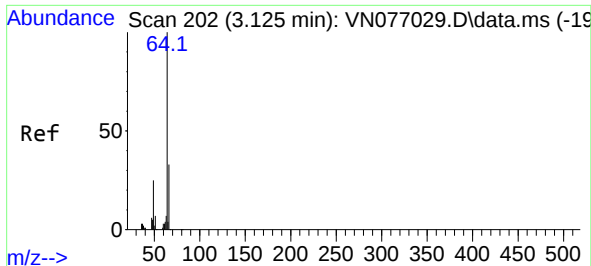
Tgt Ion:168 Resp: 488390
Ion Ratio Lower Upper
168 100
99 61.2 53.9 80.9



#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 50 Resp: 1040
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

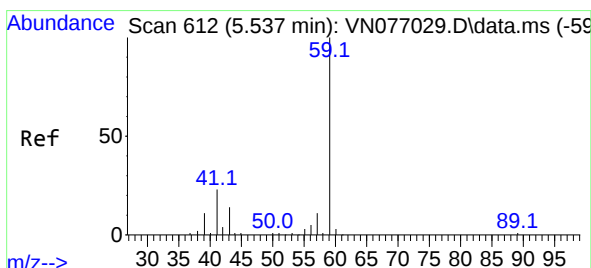
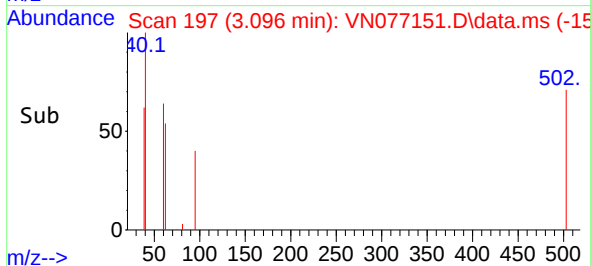
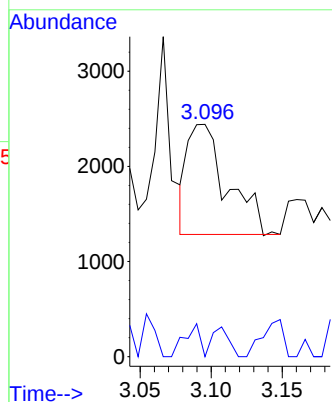
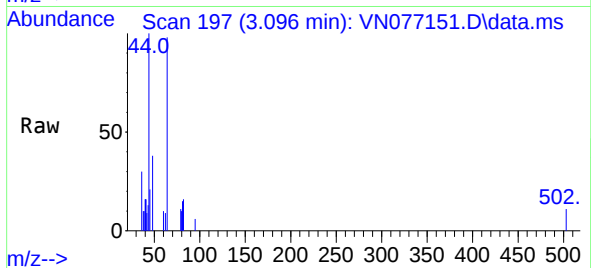




#6
Chloroethane
Concen: 0.670 ug/l
RT: 3.096 min Scan# 197
Delta R.T. -0.029 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

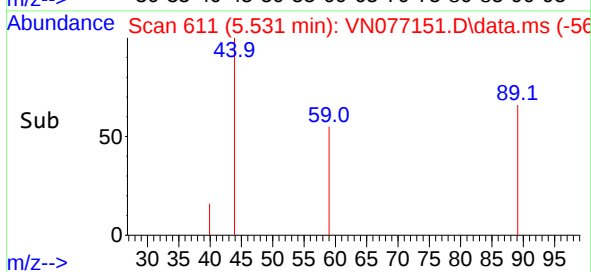
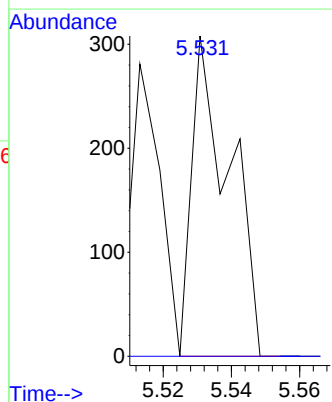
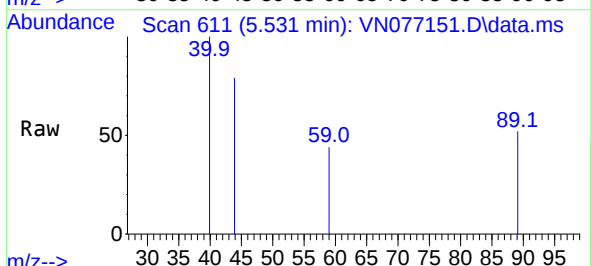
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ClientSampleId :

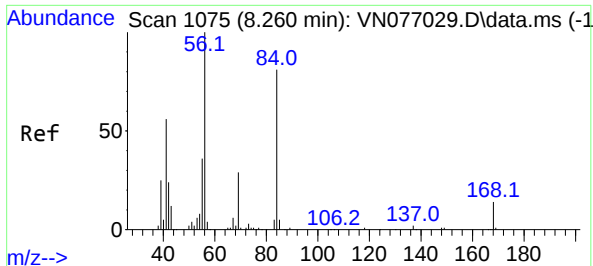
Tgt Ion: 64 Resp: 2253
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 0.208 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

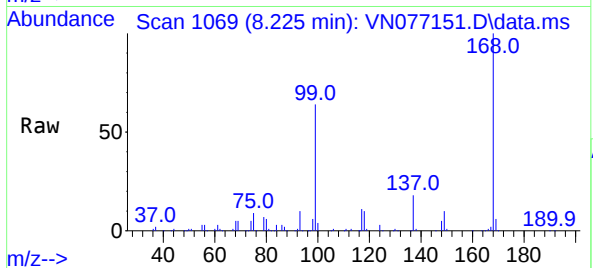
Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



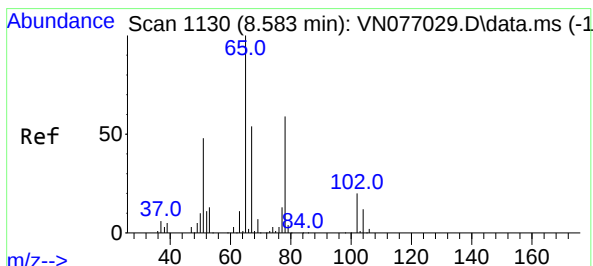
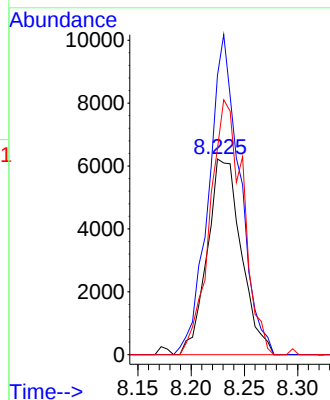
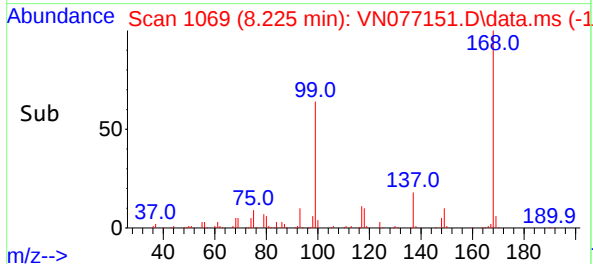


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 8.225 min Scan# 1075
Delta R.T. -0.035 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :

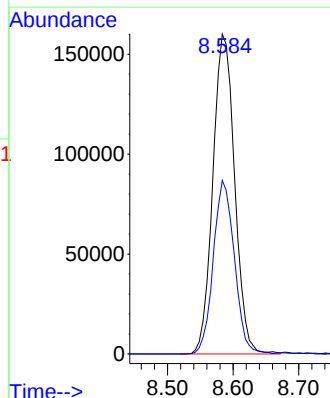
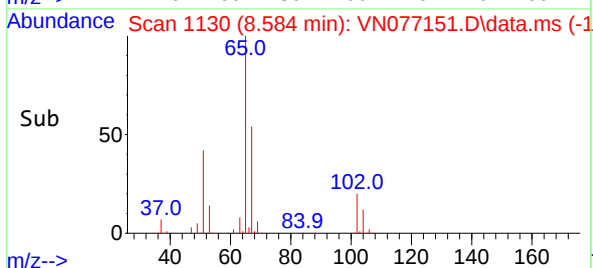
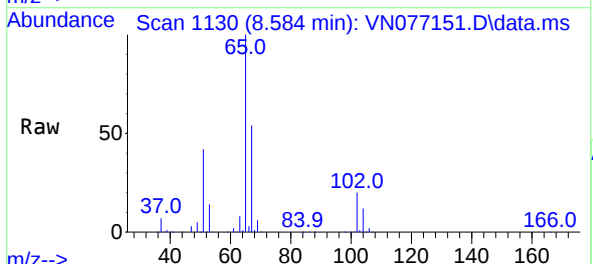


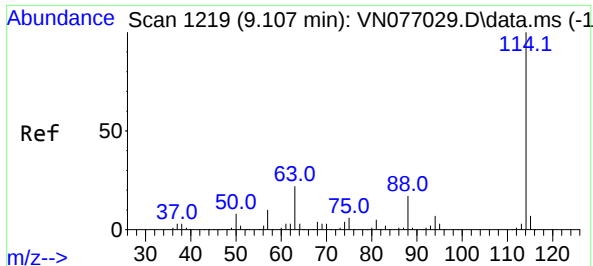
Tgt Ion: 56 Resp: 13813
Ion Ratio Lower Upper
56 100
69 142.8 22.8 34.2#
84 105.3 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 47.262 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 65 Resp: 368696
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

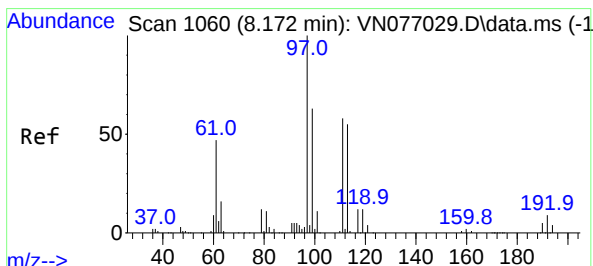
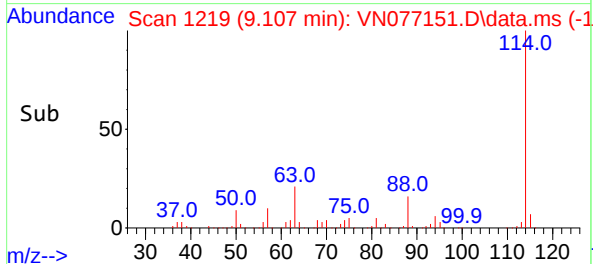
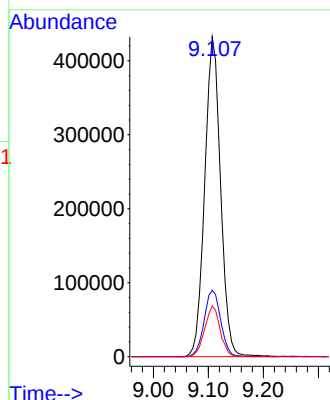
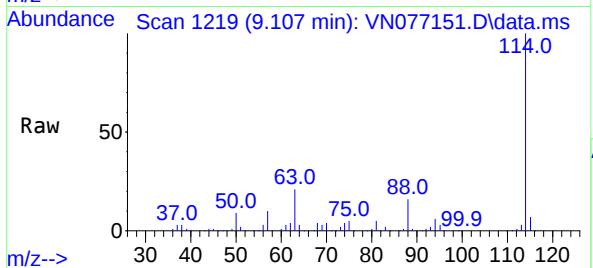




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

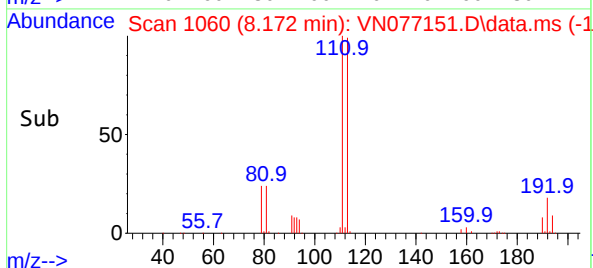
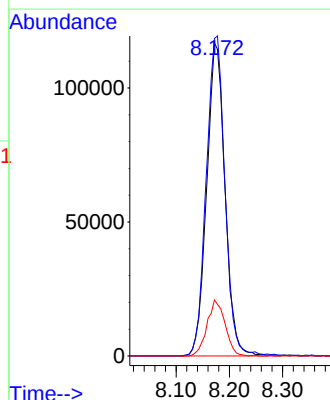
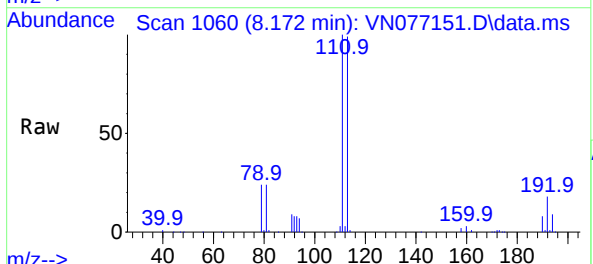
Instrument :
MSVOA_N
ClientSampleId :

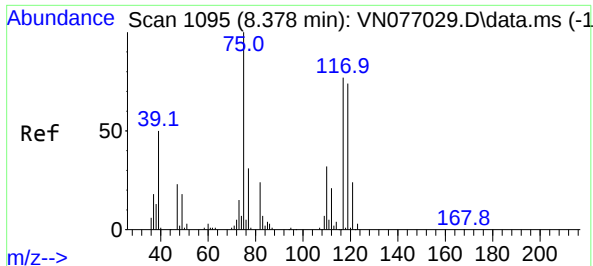
Tgt Ion:114 Resp: 866267
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.6
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.823 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

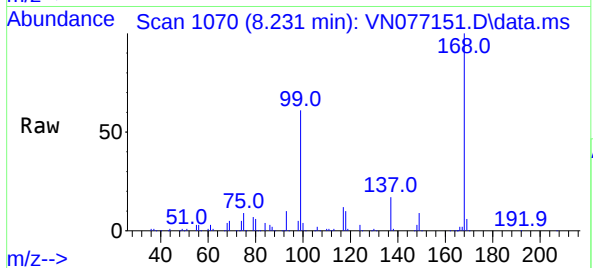
Tgt Ion:113 Resp: 277989
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 17.6 13.0 19.6



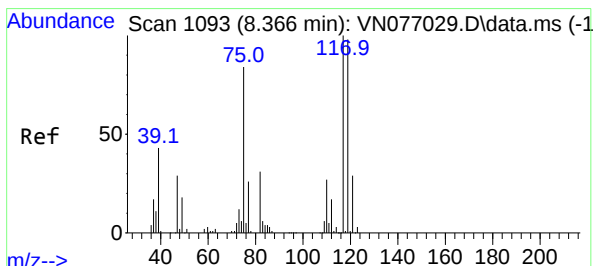
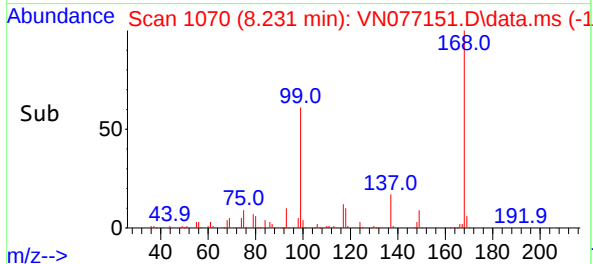
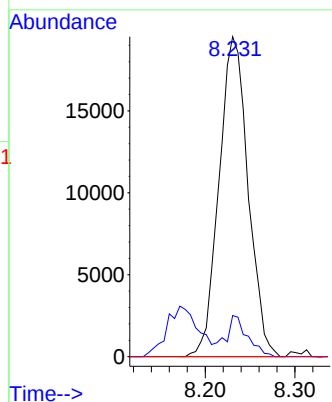


#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :

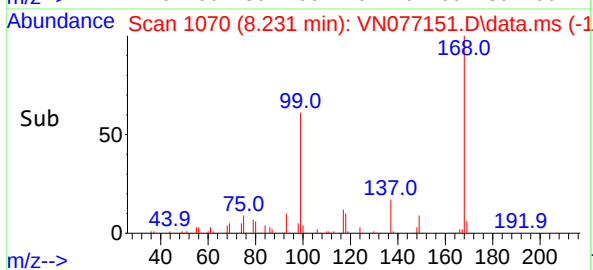
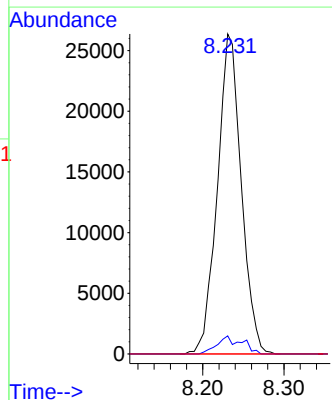
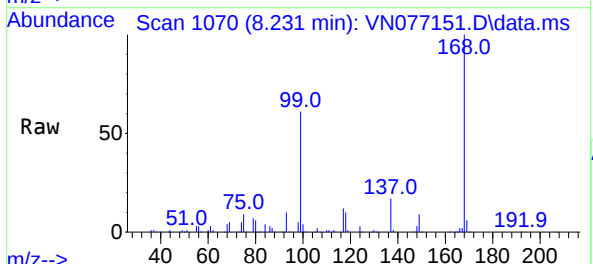


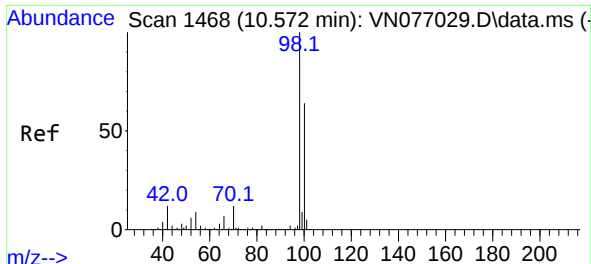
Tgt Ion: 75 Resp: 43939
Ion Ratio Lower Upper
75 100
110 9.1 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 117 Resp: 53964
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 23.2 34.8#

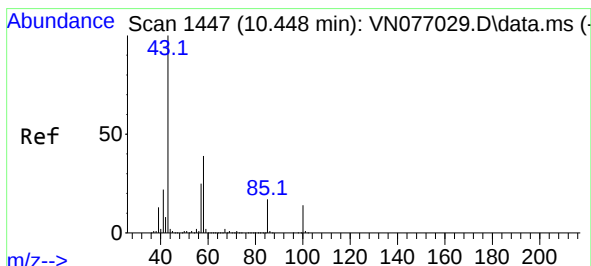
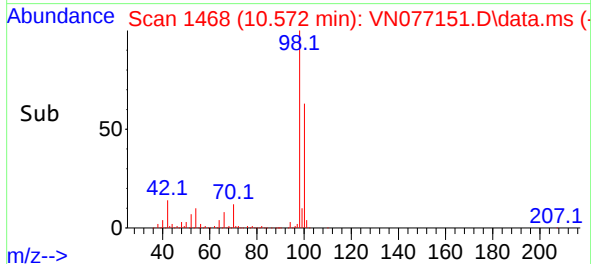
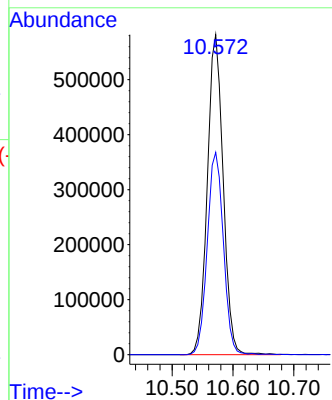
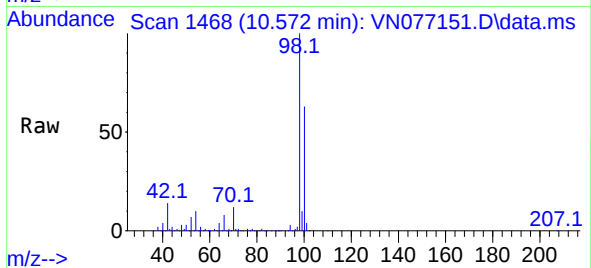




#50
Toluene-d8
Concen: 48.511 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

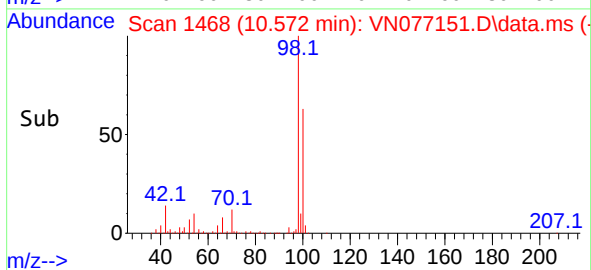
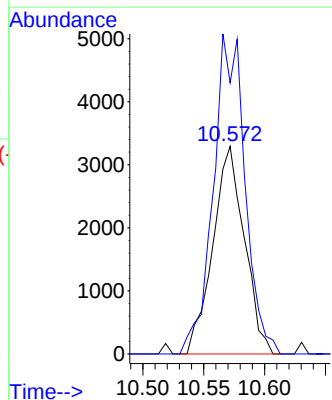
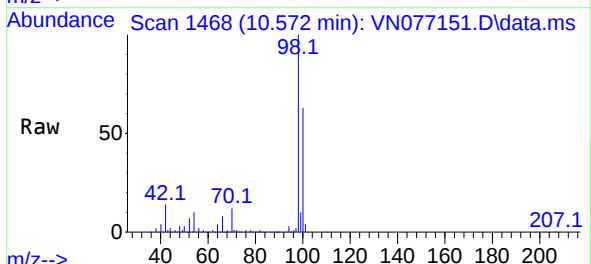
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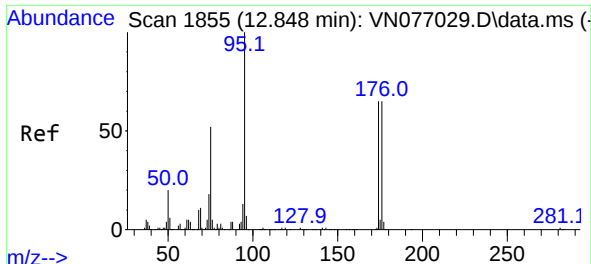
Tgt Ion: 98 Resp: 1051274
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.124 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 43 Resp: 5944
Ion Ratio Lower Upper
43 100
58 154.9 31.1 46.7#

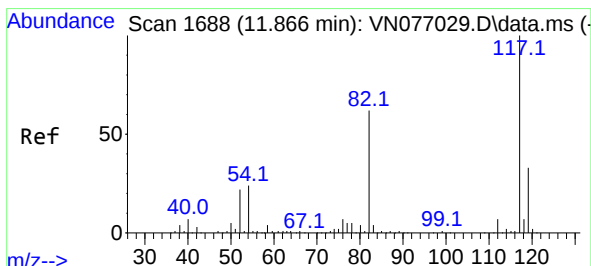
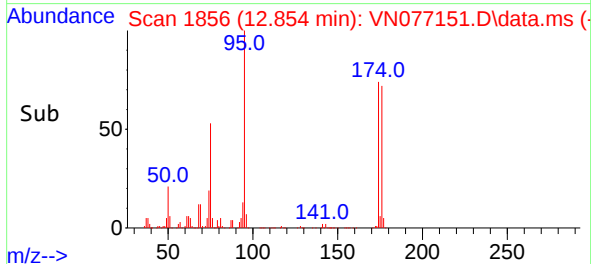
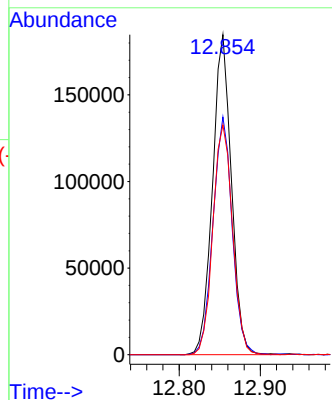
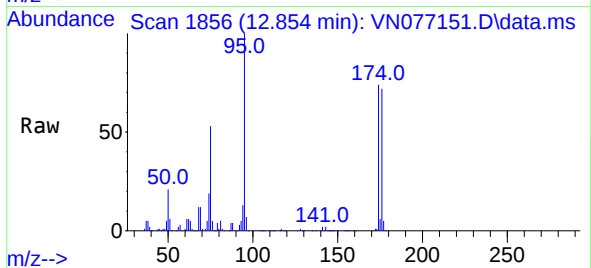




#62
4-Bromofluorobenzene
Concen: 38.937 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

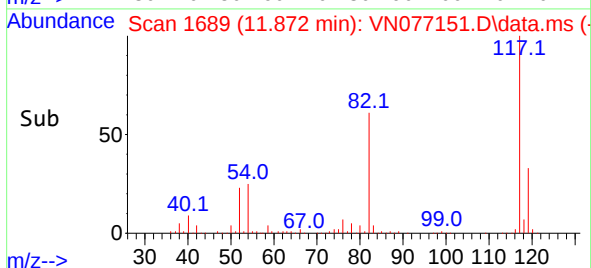
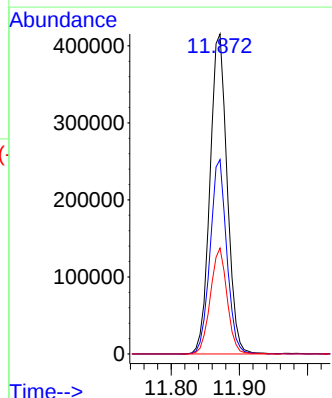
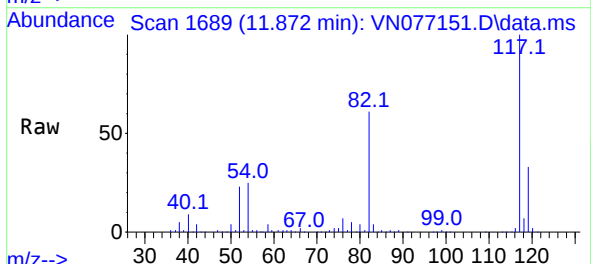
Instrument :
MSVOA_N
ClientSampleId :

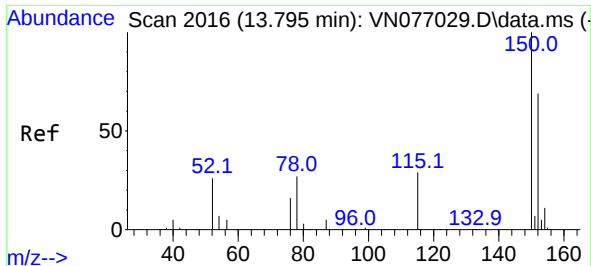
Tgt Ion: 95 Resp: 298168
Ion Ratio Lower Upper
95 100
174 75.6 0.0 136.6
176 74.8 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 117 Resp: 728761
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 33.1 26.5 39.7

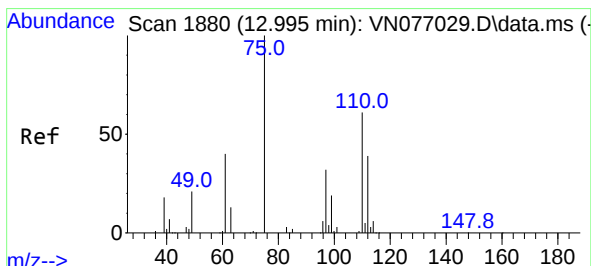
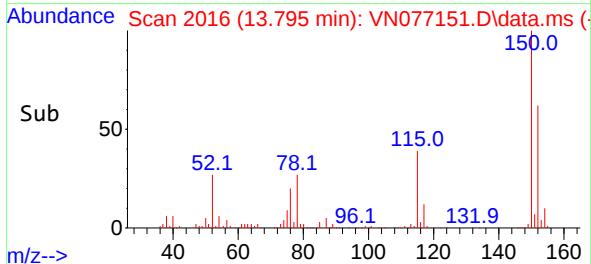
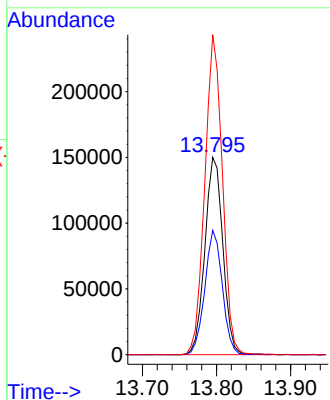
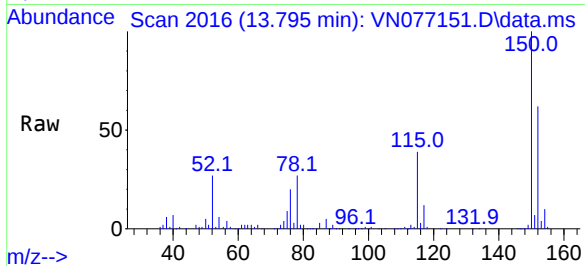




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077151.D
 Acq: 23 Mar 2023 15:53

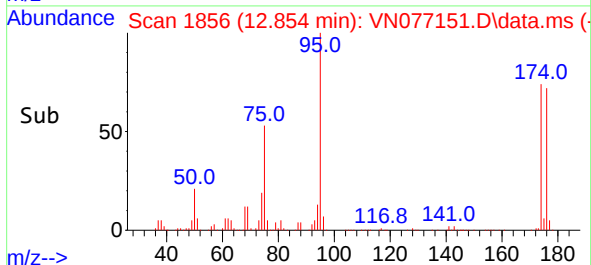
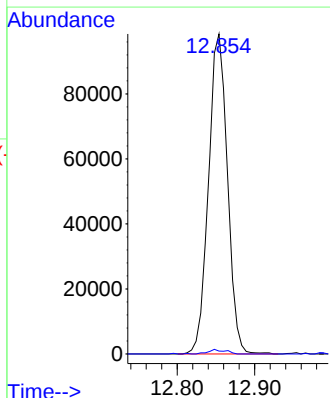
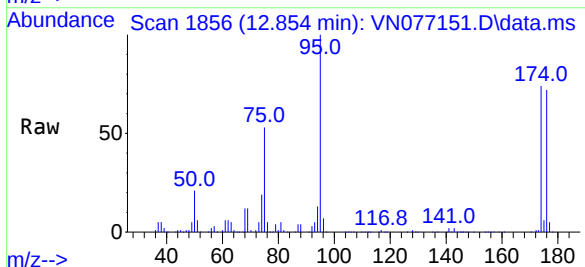
Instrument :
 MSVOA_N
 ClientSampleId :

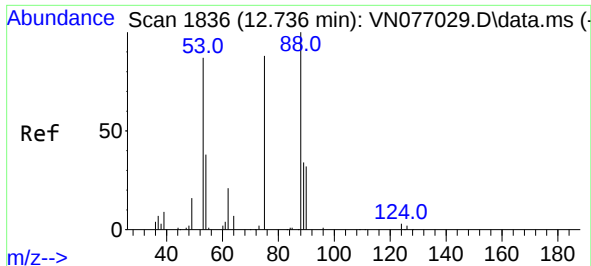
Tgt Ion:152 Resp: 252695
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.9 95.7
 150 158.6 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 25.569 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077151.D
 Acq: 23 Mar 2023 15:53

Tgt Ion: 75 Resp: 167130
 Ion Ratio Lower Upper
 75 100
 77 1.3 107.3 322.0#

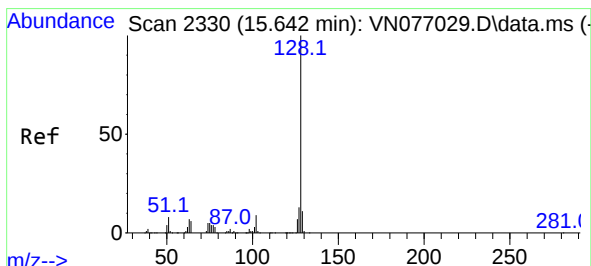
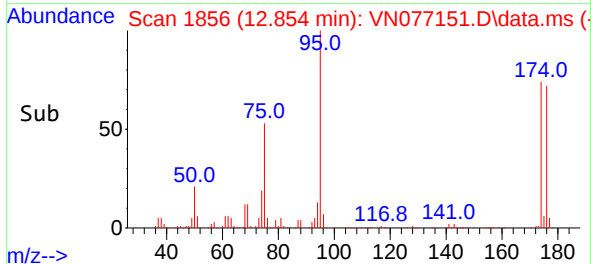
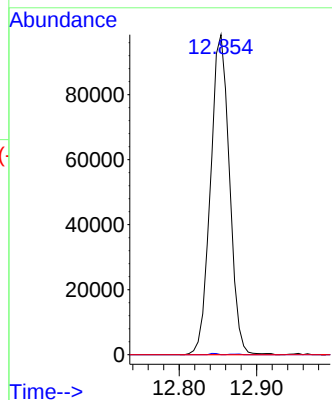
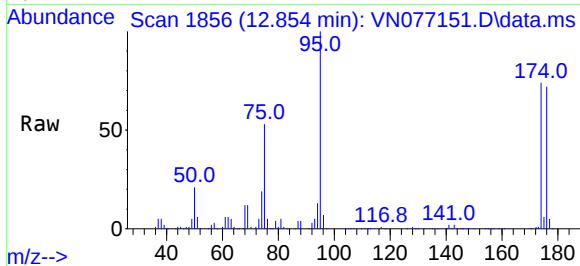




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.382 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.118 min
 Lab File: VN077151.D
 Acq: 23 Mar 2023 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 167130
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.8 121.2#
 89 0.0 34.2 51.4#



#95
 Naphthalene
 Concen: 1.952 ug/l
 RT: 15.648 min Scan# 2331
 Delta R.T. 0.006 min
 Lab File: VN077151.D
 Acq: 23 Mar 2023 15:53

Tgt Ion: 128 Resp: 691
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.0 15.0#
 129 0.0 8.6 13.0#

