

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077155.D
 Acq On : 23 Mar 2023 17:30
 Operator : JC\MD
 Sample : 02048-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 24 01:36:07 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)

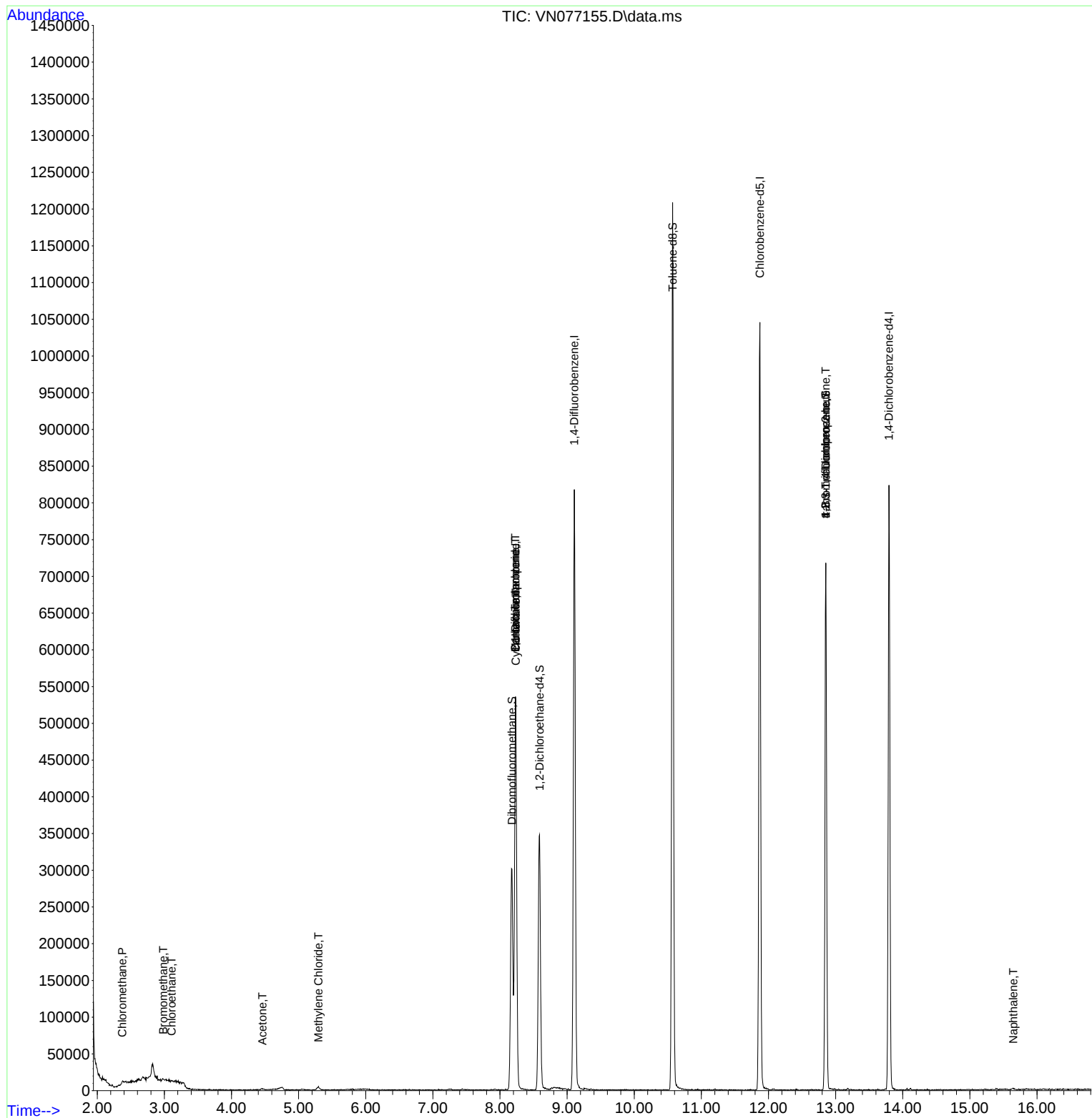
Internal Standards						
1) Pentafluorobenzene	8.231	168	364228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	653864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	571955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	288379	49.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.178	113	215878	47.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	10.572	98	805622	49.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.854	95	232991	40.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.620%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	1148	0.313	ug/l	91
5) Bromomethane	2.984	94	1271	0.475	ug/l #	37
6) Chloroethane	3.107	64	886	0.353	ug/l	98
16) Acetone	4.460	43	2849	1.099	ug/l	90
20) Methylene Chloride	5.295	84	3666	0.652	ug/l #	64
31) Cyclohexane	8.236	56	10694	1.123	ug/l #	4
36) 1,1-Dichloropropene	8.231	75	34682	4.849	ug/l #	52
38) Carbon Tetrachloride	8.231	117	38819	5.572	ug/l #	16
76) 1,2,3-Trichloropropane	12.854	75	133711	24.456	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	133711	67.316	ug/l #	10
95) Naphthalene	15.648	128	2133	2.058	ug/l #	75

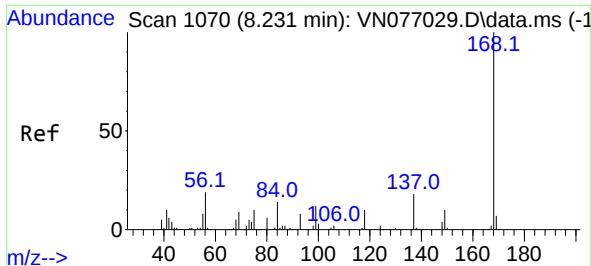
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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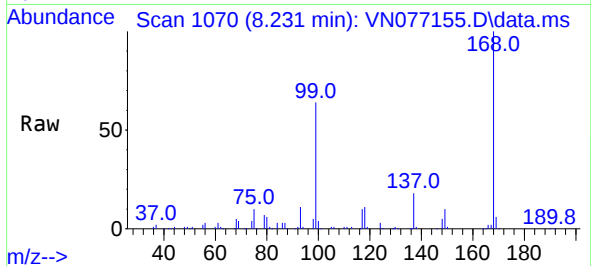
Quant Time: Mar 24 01:36:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration



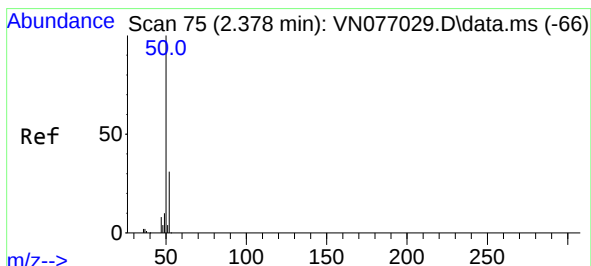
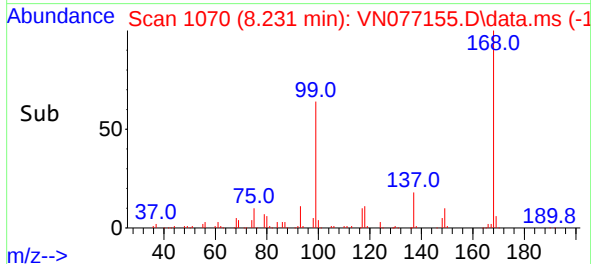
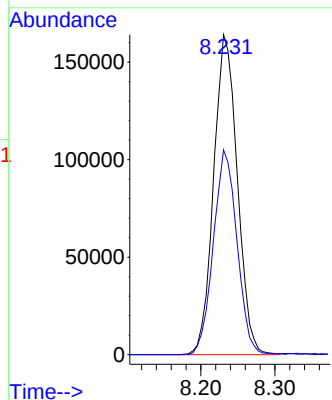


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Instrument :
MSVOA_N
ClientSampleId :

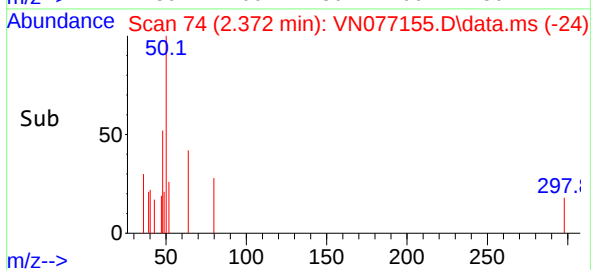
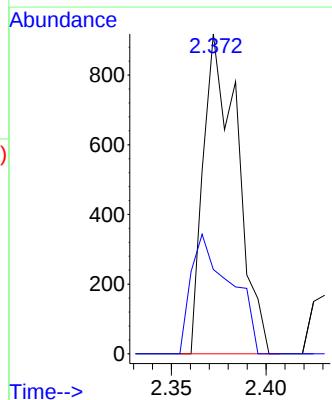
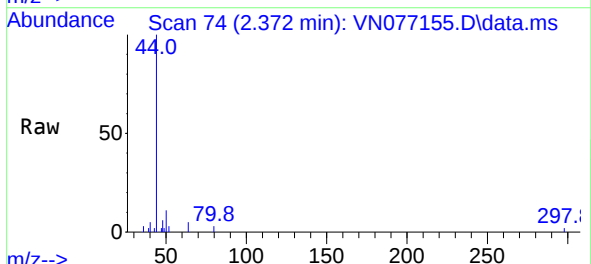


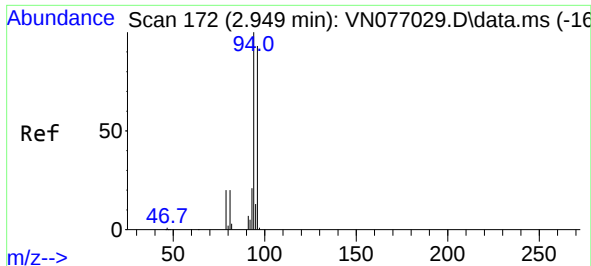
Tgt Ion:168 Resp: 364228
Ion Ratio Lower Upper
168 100
99 64.0 53.9 80.9



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 50 Resp: 1148
Ion Ratio Lower Upper
50 100
52 26.4 25.1 37.7

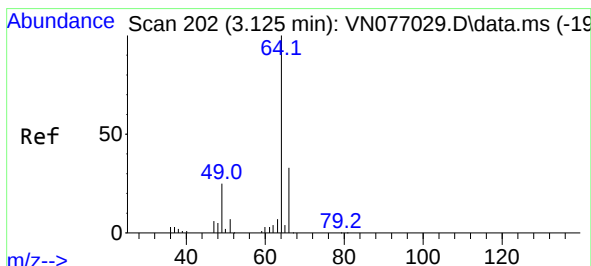
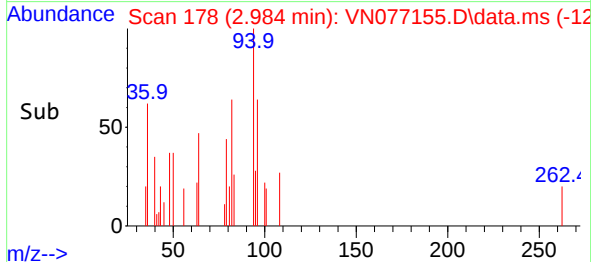
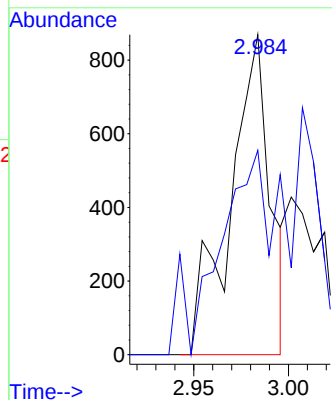
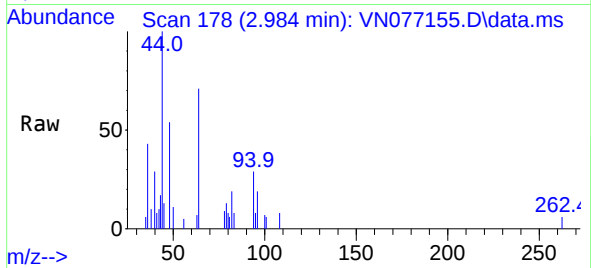




#5
Bromomethane
Concen: 0.475 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

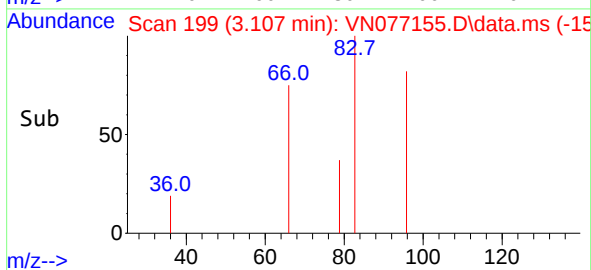
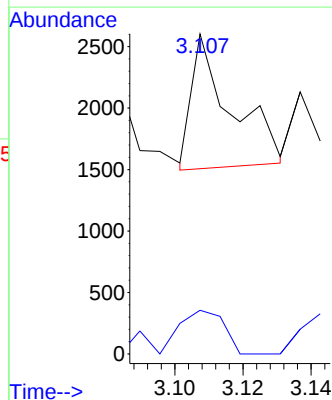
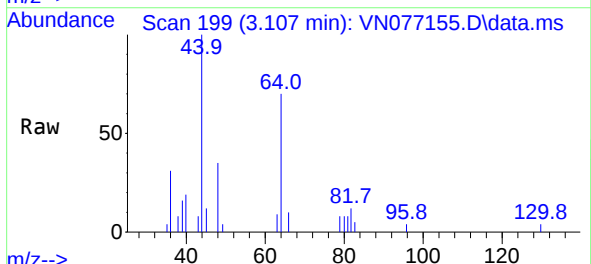
Instrument :
MSVOA_N
ClientSampleId :

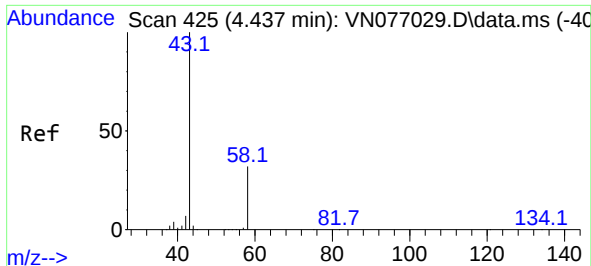
Tgt Ion: 94 Resp: 1271
Ion Ratio Lower Upper
94 100
96 32.5 74.1 111.1#



#6
Chloroethane
Concen: 0.353 ug/l
RT: 3.107 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 64 Resp: 886
Ion Ratio Lower Upper
64 100
66 33.8 26.3 39.5

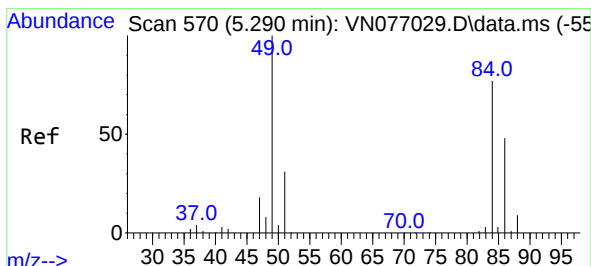
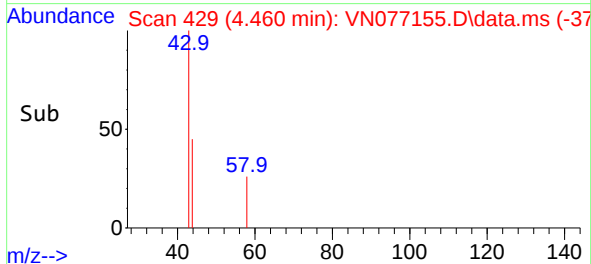
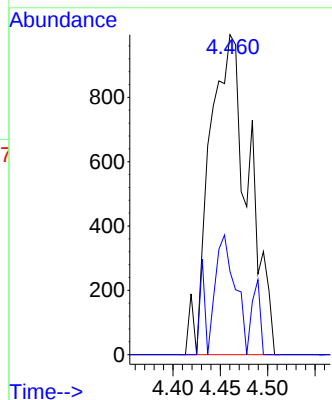
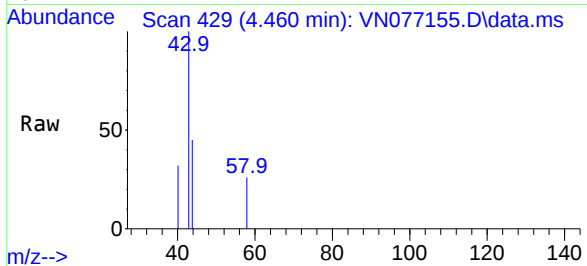




#16
Acetone
Concen: 1.099 ug/l
RT: 4.460 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

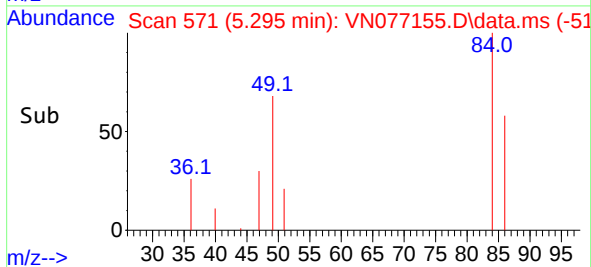
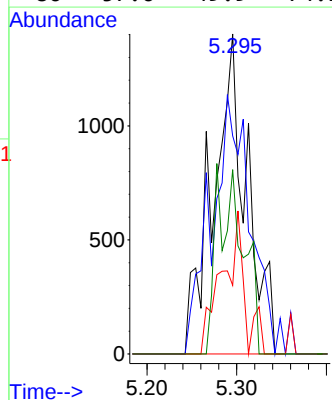
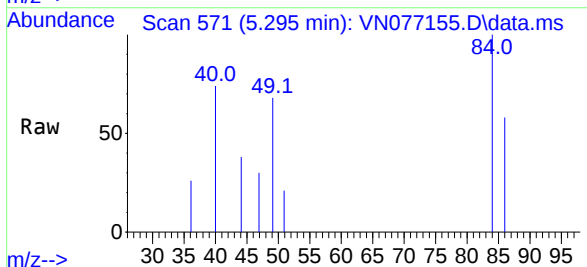
Instrument :
MSVOA_N
ClientSampleId :

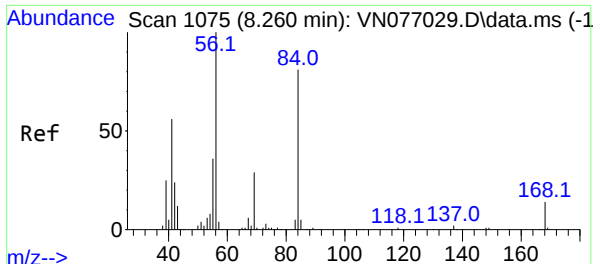
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
58 26.0 25.4 38.0



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 84 Resp: 3666
Ion Ratio Lower Upper
84 100
49 68.1 103.8 155.6#
51 21.5 32.3 48.5#
86 57.6 49.9 74.9





#31

Cyclohexane

Concen: 1.123 ug/l

RT: 8.236 min Scan# 10694

Delta R.T. -0.024 min

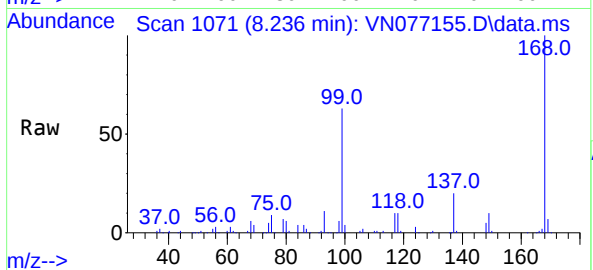
Lab File: VN077155.D

Acq: 23 Mar 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :



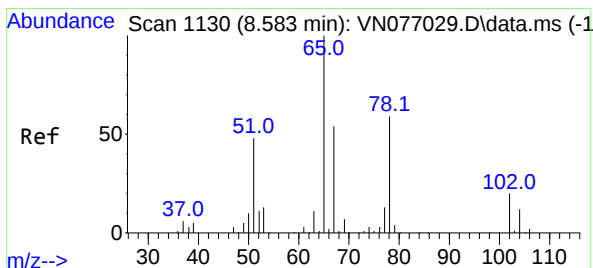
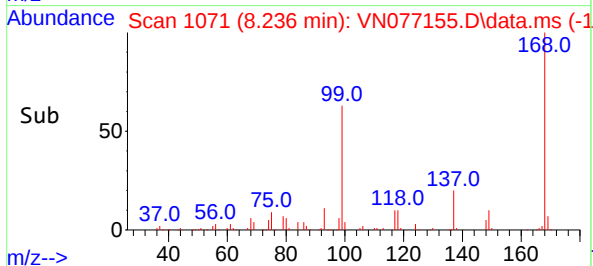
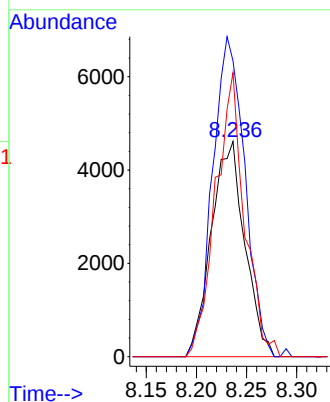
Tgt Ion: 56 Resp: 10694

Ion Ratio Lower Upper

56 100

69 137.5 22.8 34.2#

84 132.0 64.7 97.1#



#33

1,2-Dichloroethane-d4

Concen: 49.568 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077155.D

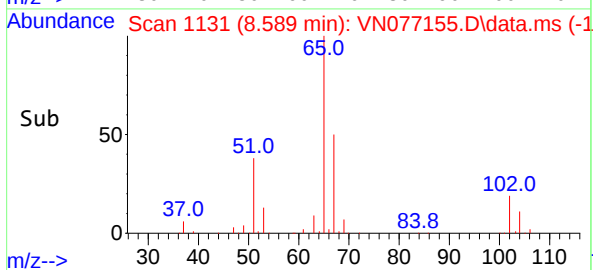
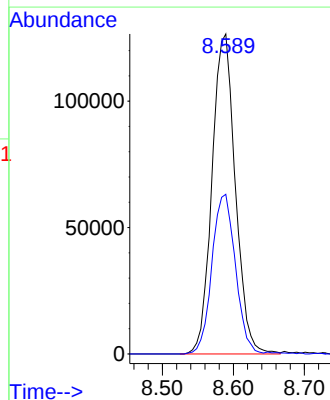
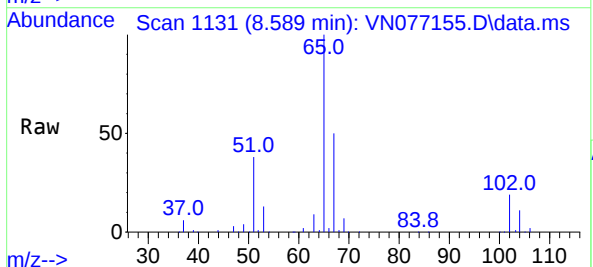
Acq: 23 Mar 2023 17:30

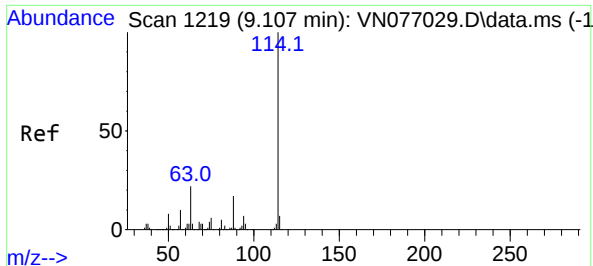
Tgt Ion: 65 Resp: 288379

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.2

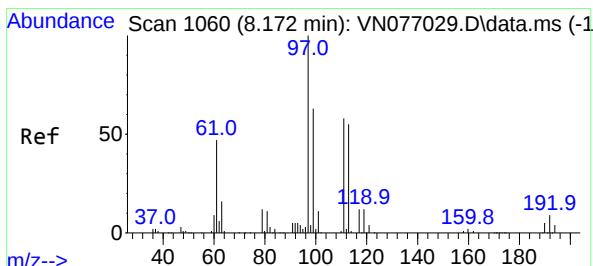
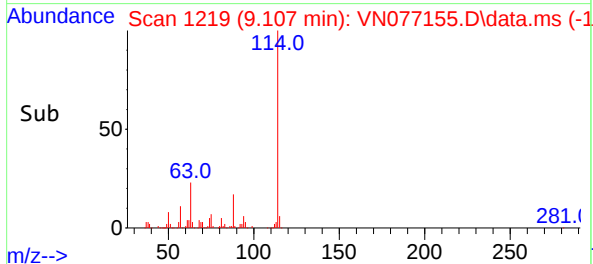
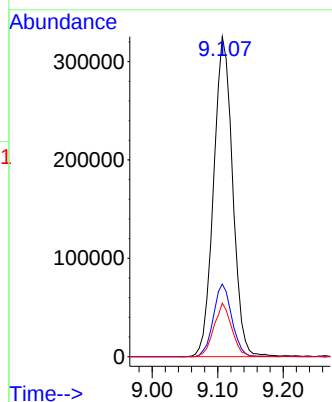
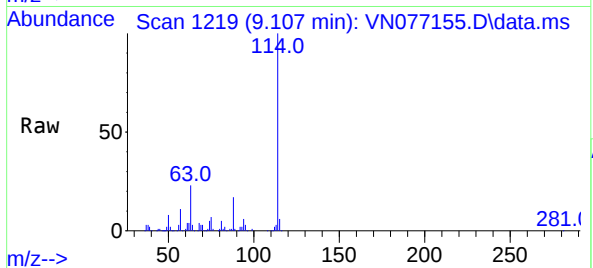




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

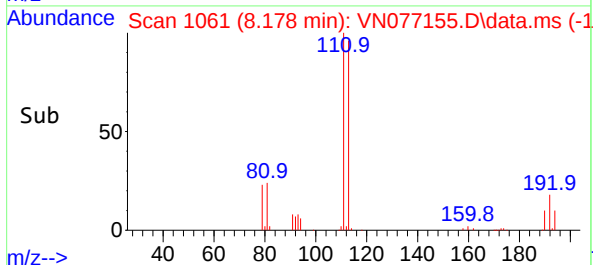
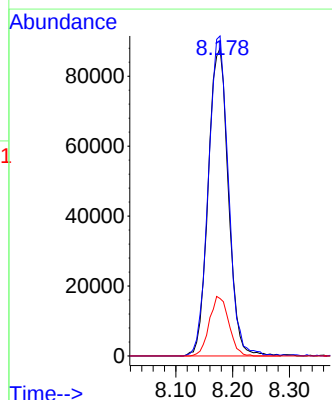
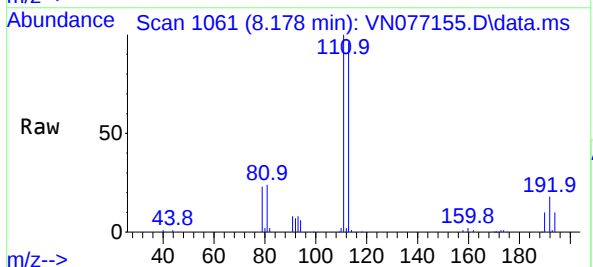
Instrument :
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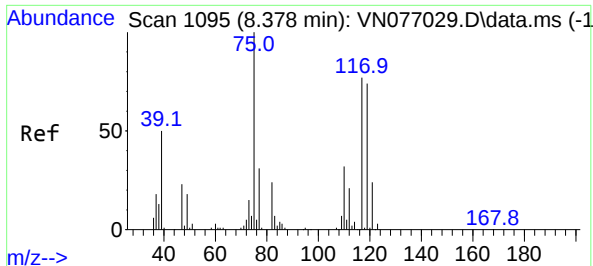
Tgt Ion:	114	Resp:	653864
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.6
88	16.8	0.0	33.8



#35
Dibromofluoromethane
Concen: 47.144 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion:	113	Resp:	215878
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	18.7	13.0	19.6

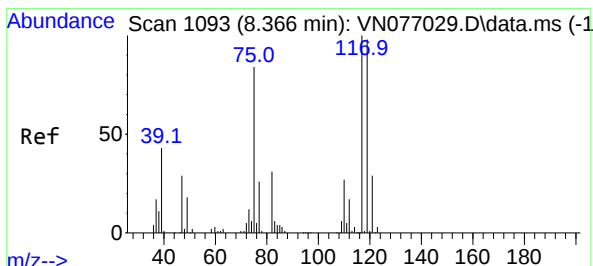
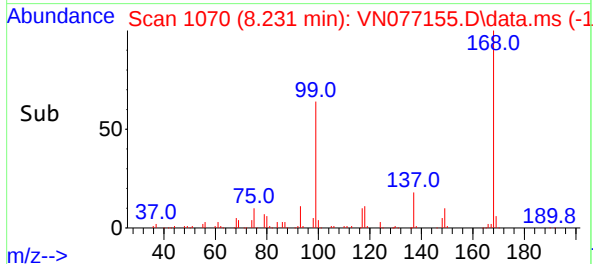
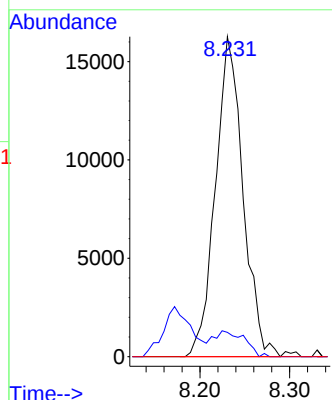
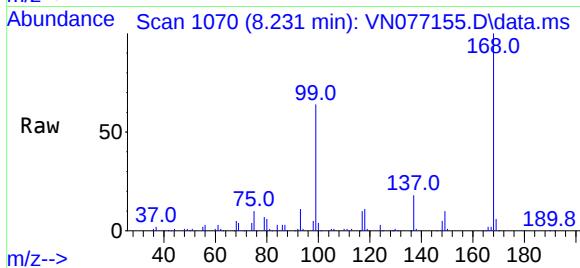




#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

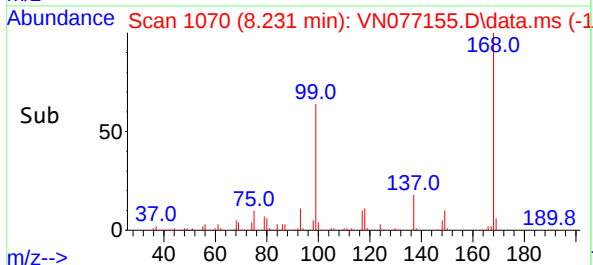
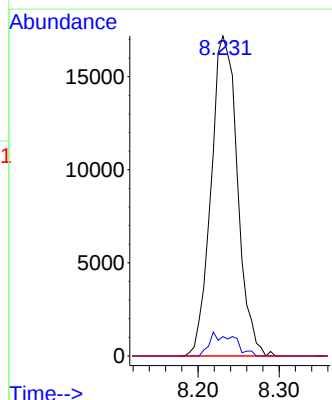
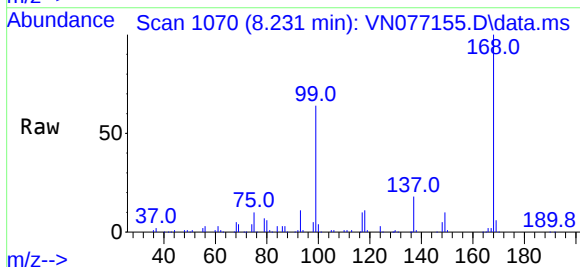
Instrument :
MSVOA_N
ClientSampleId :

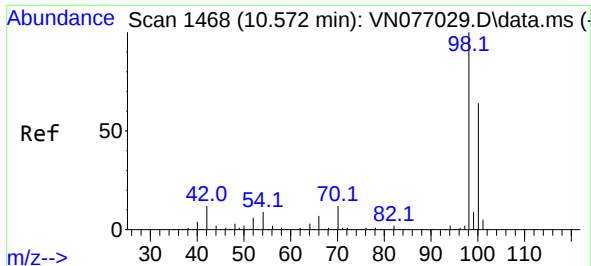
Tgt Ion: 75 Resp: 34682
Ion Ratio Lower Upper
75 100
110 9.1 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 117 Resp: 38819
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 23.2 34.8#

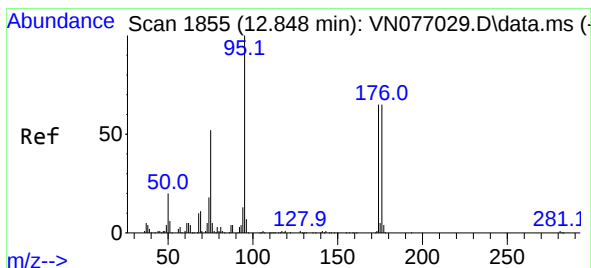
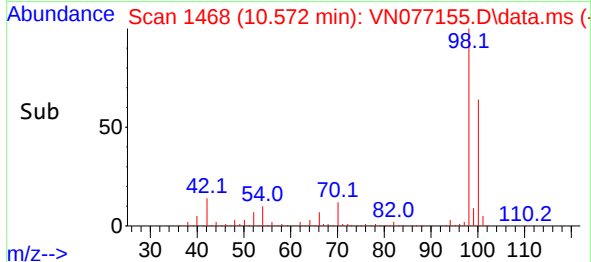
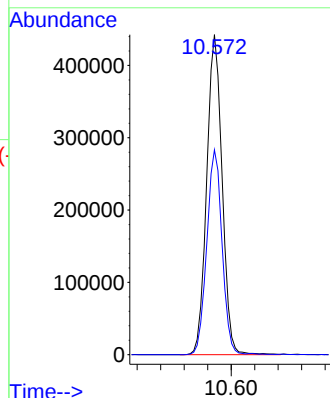
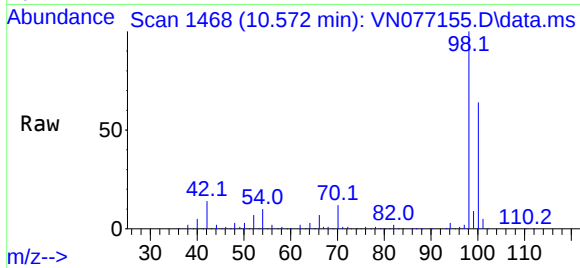




#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

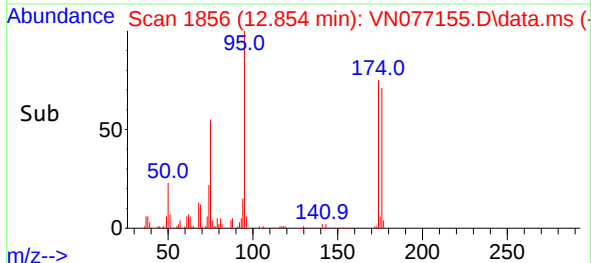
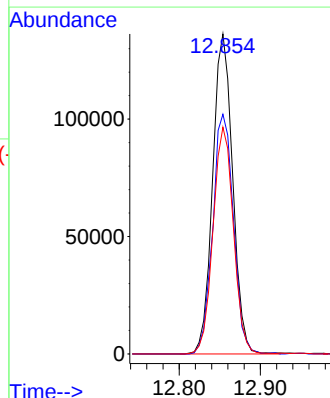
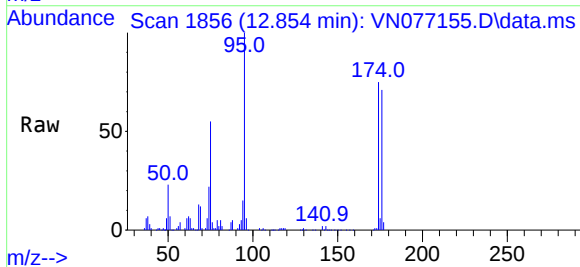
Instrument :
MSVOA_N
ClientSampleId :

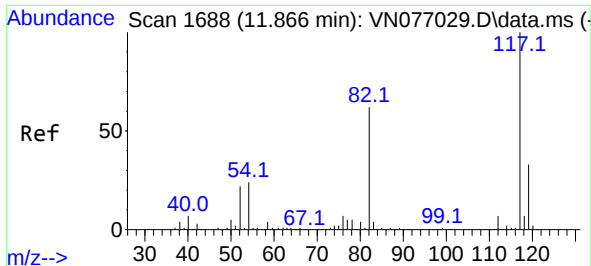
Tgt Ion: 98 Resp: 805622
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.310 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 95 Resp: 232991
Ion Ratio Lower Upper
95 100
174 77.7 0.0 136.6
176 72.4 0.0 130.0

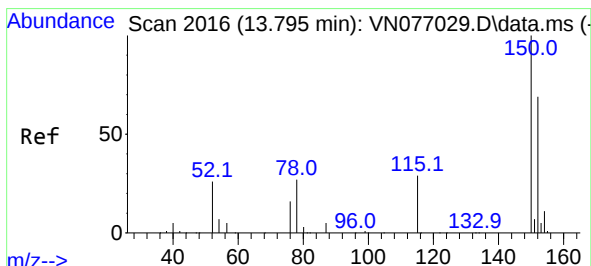
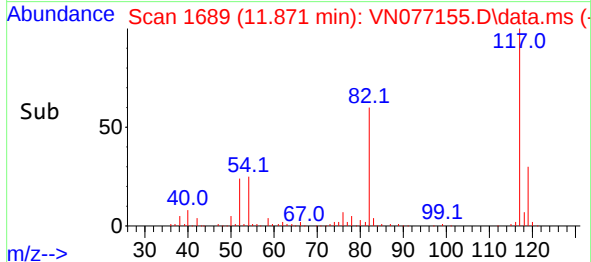
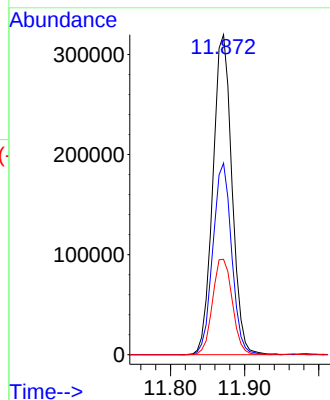
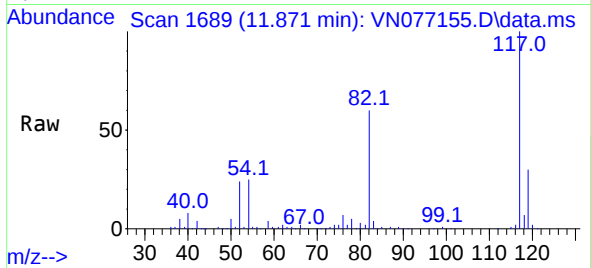




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

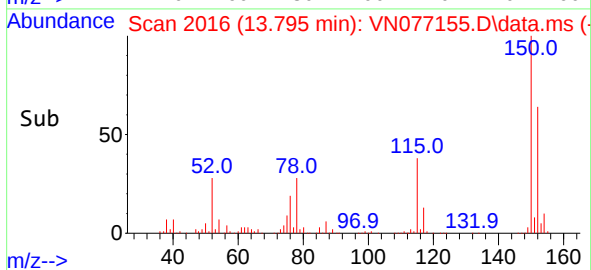
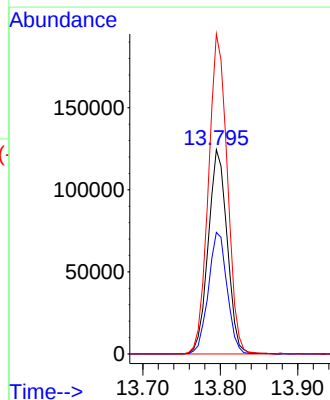
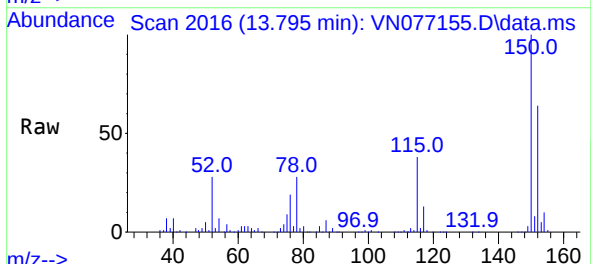
Instrument :
MSVOA_N
ClientSampleId :

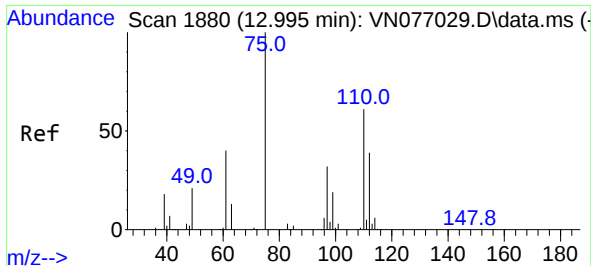
Tgt Ion:117 Resp: 571955
Ion Ratio Lower Upper
117 100
82 59.8 49.4 74.0
119 29.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion:152 Resp: 211374
Ion Ratio Lower Upper
152 100
115 58.9 31.9 95.7
150 156.0 0.0 348.0

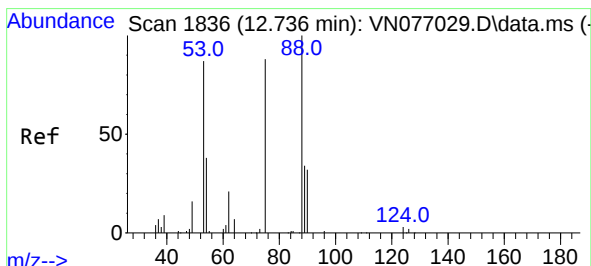
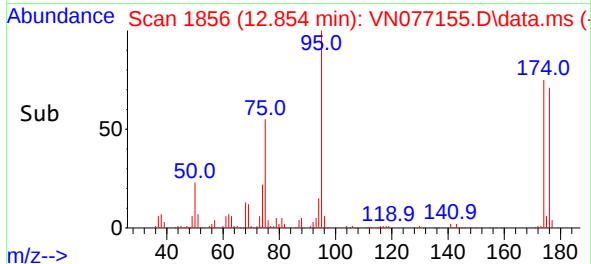
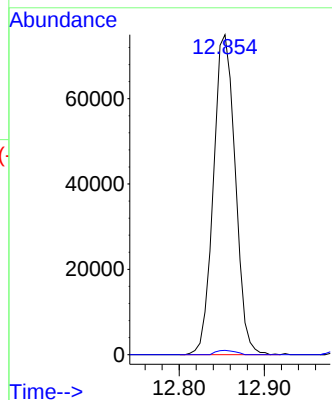
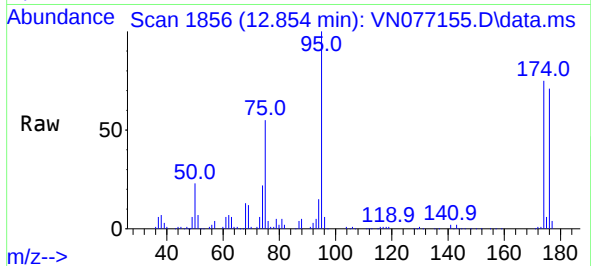




#76
1,2,3-Trichloropropane
Concen: 24.456 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

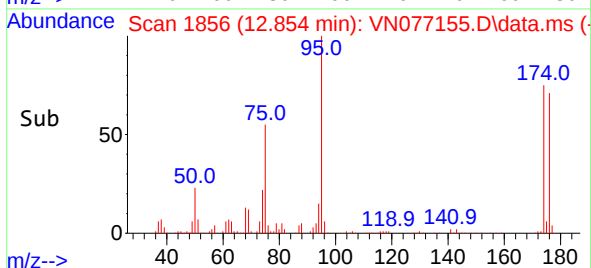
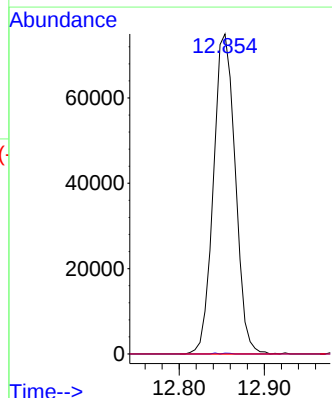
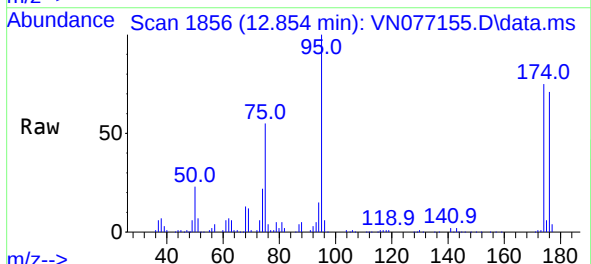
Instrument :
MSVOA_N
ClientSampleId :

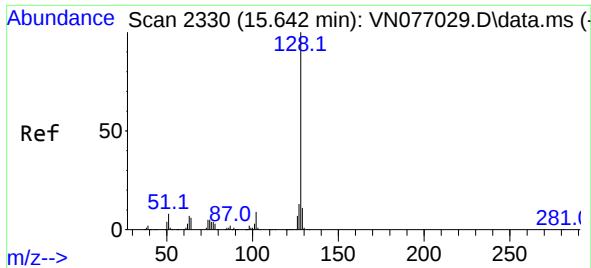
Tgt Ion: 75 Resp: 133711
Ion Ratio Lower Upper
75 100
77 1.2 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.316 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

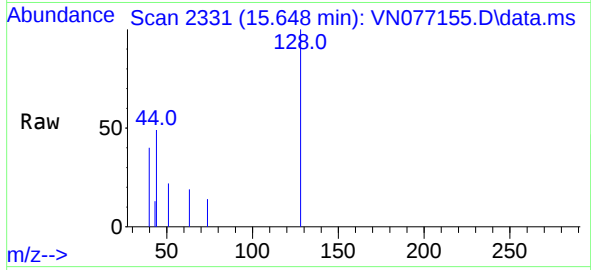
Tgt Ion: 75 Resp: 133711
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 2.058 ug/l
RT: 15.648 min Scan# 2133
Delta R.T. 0.006 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2133
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	4.1	8.6	13.0#

