

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077040.D
 Acq On : 17 Mar 2023 18:10
 Operator : JC\MD
 Sample : 01941-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D2-20230313

Quant Time: Mar 18 02:32:47 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)

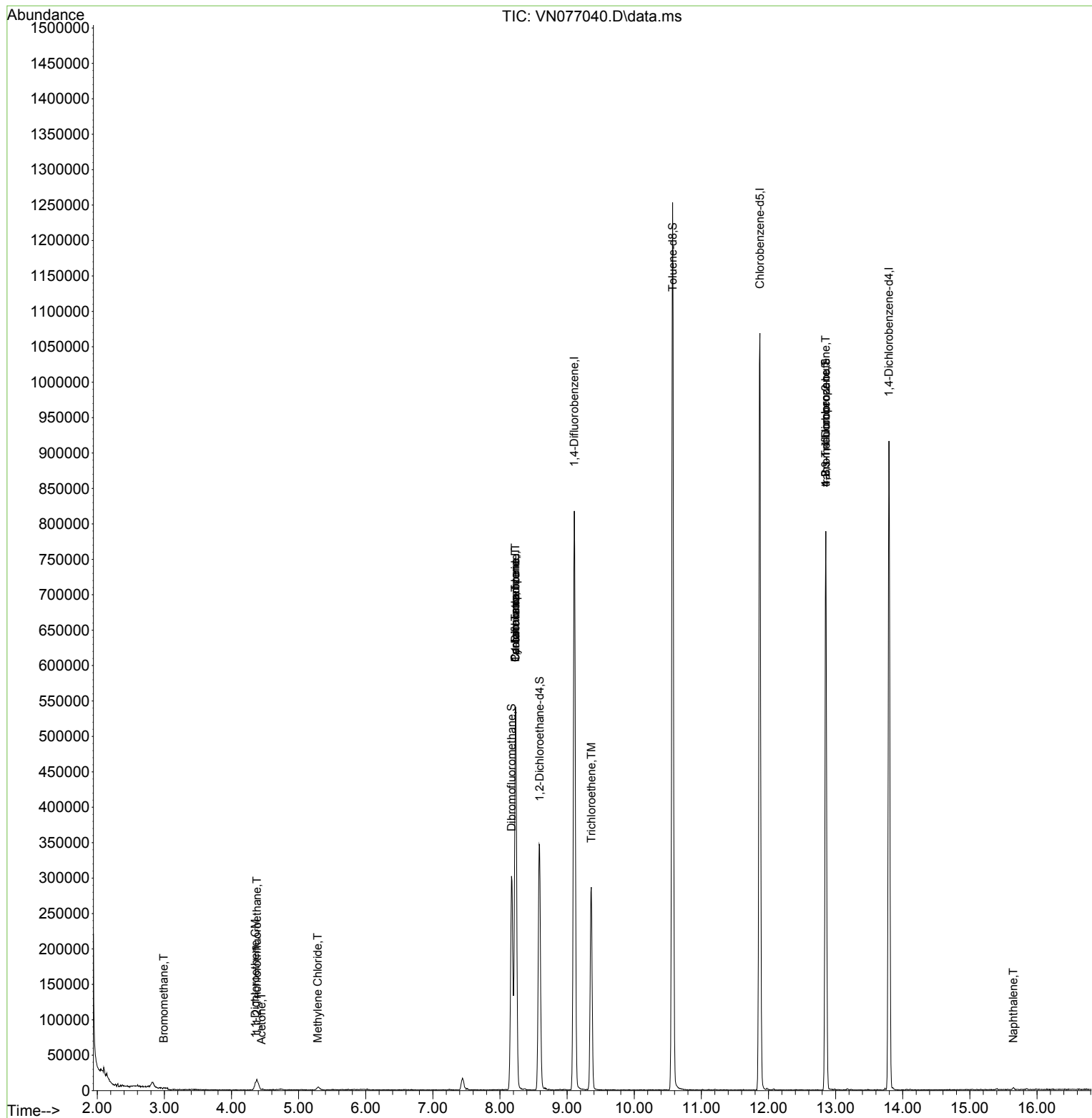
Internal Standards						
1) Pentafluorobenzene	8.230	168	376460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	685400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	603205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	294372	48.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.172	113	222137	46.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	10.572	98	848691	49.498	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.854	95	276769	45.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.149	85	75	Below Cal	#	42
5) Bromomethane	2.990	94	764	0.276	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.378	101	8071	1.615	ug/l #	37
12) 1,1-Dichloroethene	4.354	96	2834	0.620	ug/l #	70
16) Acetone	4.448	43	1544	0.576	ug/l	94
20) Methylene Chloride	5.284	84	3719	0.640	ug/l #	72
31) Cyclohexane	8.230	56	9482	0.964	ug/l #	11
36) 1,1-Dichloropropene	8.230	75	35359	4.716	ug/l #	52
38) Carbon Tetrachloride	8.230	117	42382	5.804	ug/l #	16
44) Trichloroethene	9.360	130	98497	18.860	ug/l	95
76) 1,2,3-Trichloropropane	12.854	75	145274	23.952	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	145274	65.928	ug/l #	10
95) Naphthalene	15.648	128	3271	2.114	ug/l #	89

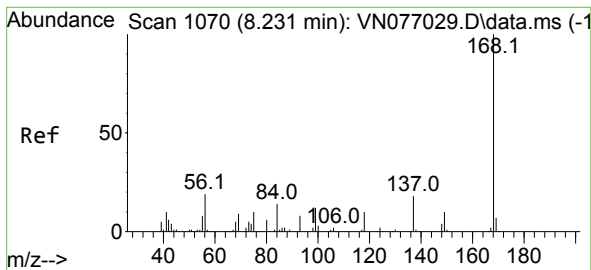
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN077040.D

Acq: 17 Mar 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

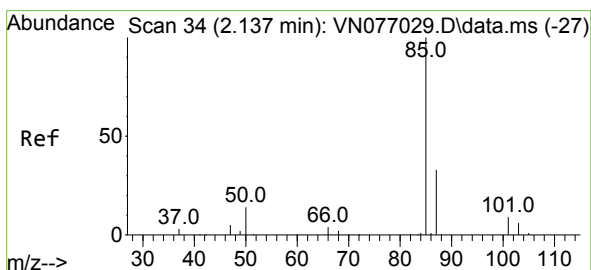
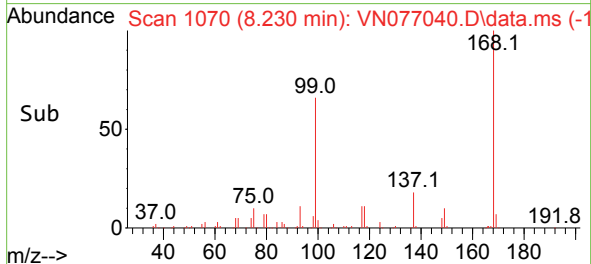
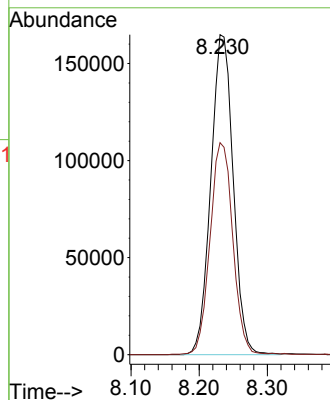
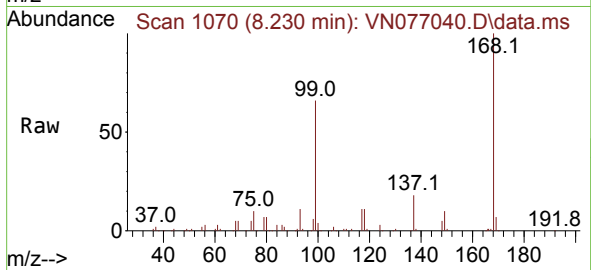
TT180D2-20230313

Tgt Ion:168 Resp: 376460

Ion Ratio Lower Upper

168 100

99 66.1 53.9 80.9



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.149 min Scan# 36

Delta R.T. 0.012 min

Lab File: VN077040.D

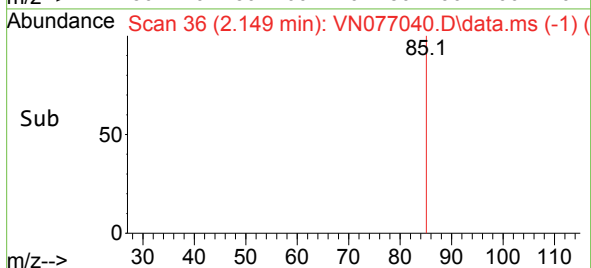
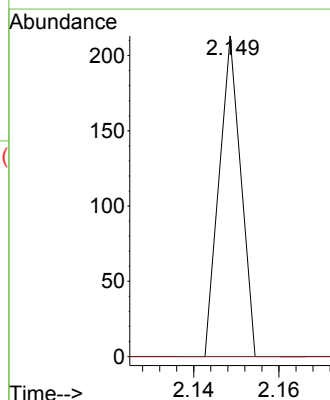
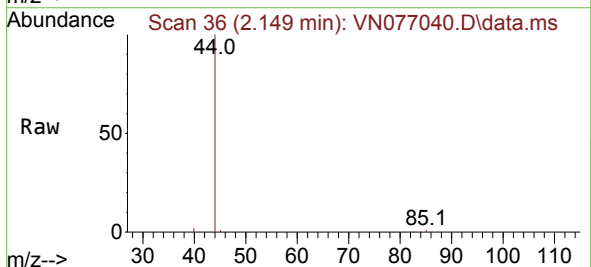
Acq: 17 Mar 2023 18:10

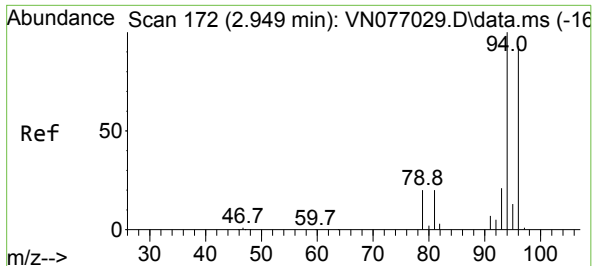
Tgt Ion: 85 Resp: 75

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.2#

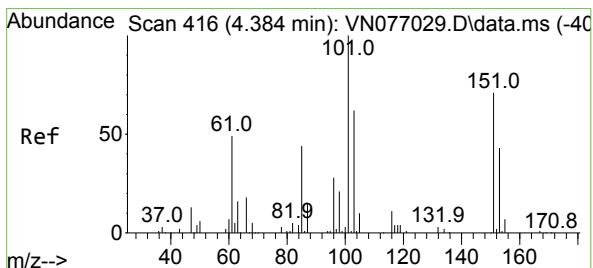
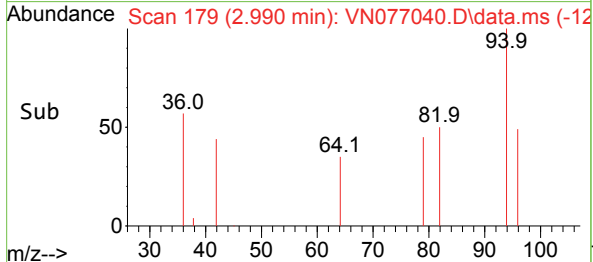
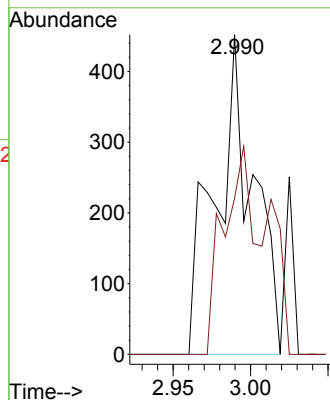
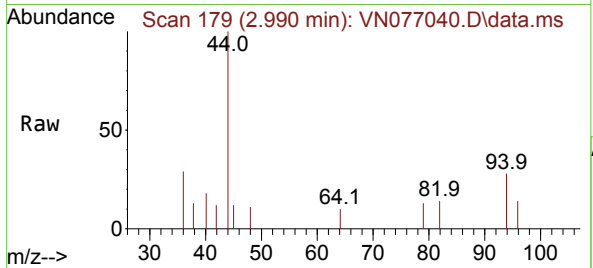




#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.041 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

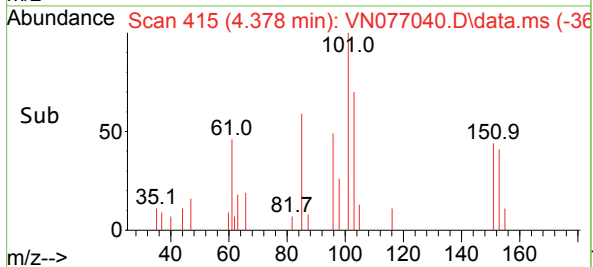
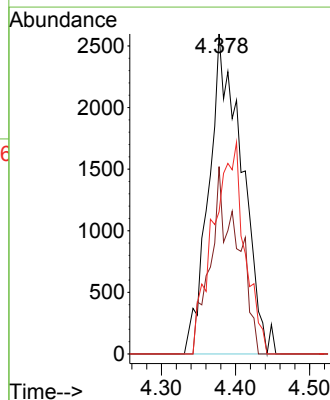
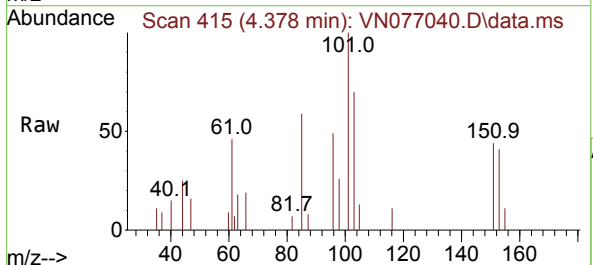
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

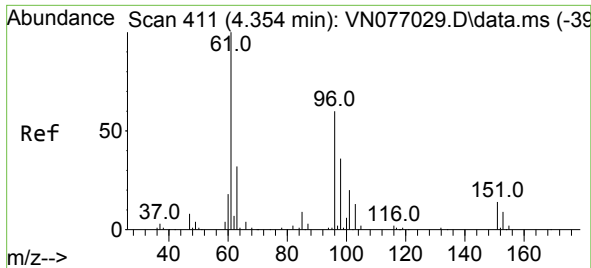
Tgt Ion: 94 Resp: 764
Ion Ratio Lower Upper
94 100
96 48.9 74.1 111.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.615 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 101 Resp: 8071
Ion Ratio Lower Upper
101 100
85 28.4 36.6 55.0#
151 0.0 56.9 85.3#

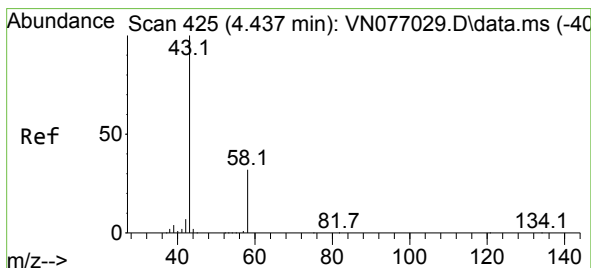
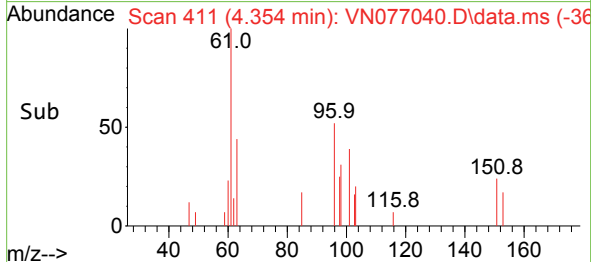
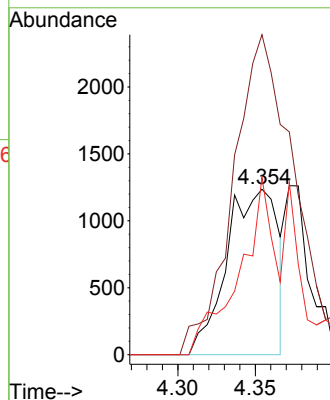
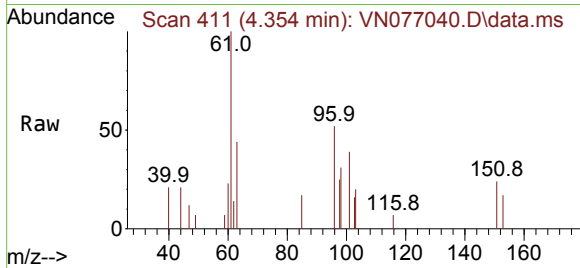




#12
 1,1-Dichloroethene
 Concen: 0.620 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN077040.D
 Acq: 17 Mar 2023 18:10

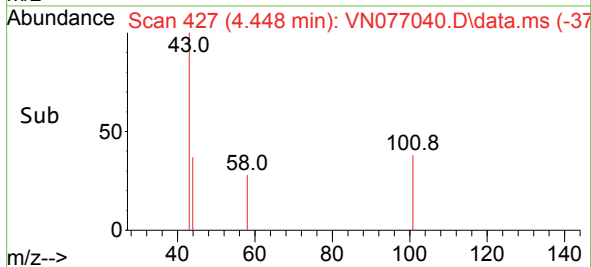
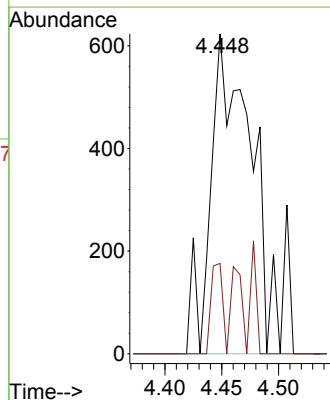
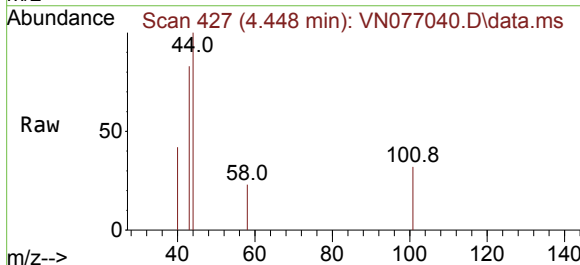
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D2-20230313

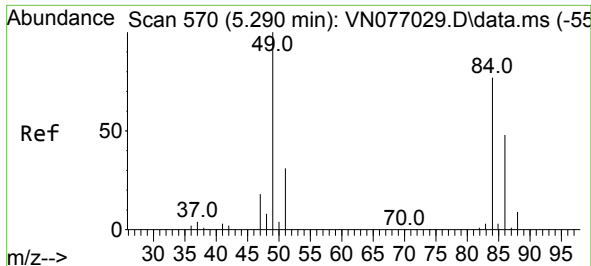
Tgt Ion:	96	Resp:	2834
Ion	Ratio	Lower	Upper
96	100		
61	193.4	133.8	200.8
98	107.3	48.6	72.8#



#16
 Acetone
 Concen: 0.576 ug/l
 RT: 4.448 min Scan# 427
 Delta R.T. 0.012 min
 Lab File: VN077040.D
 Acq: 17 Mar 2023 18:10

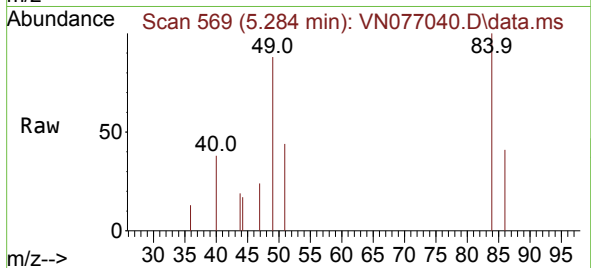
Tgt Ion:	43	Resp:	1544
Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.4	38.0



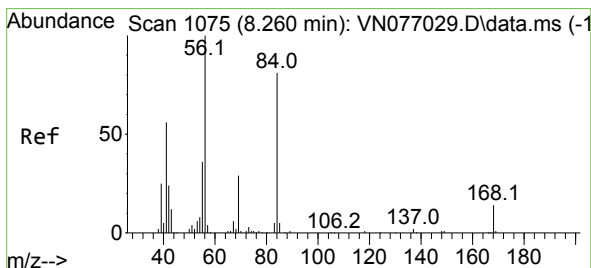
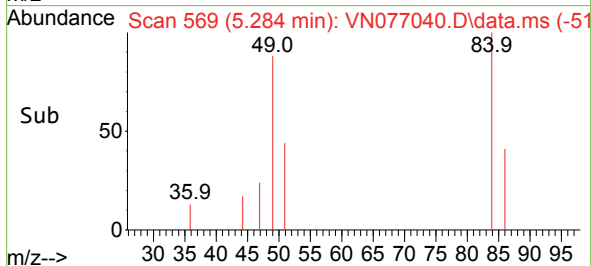
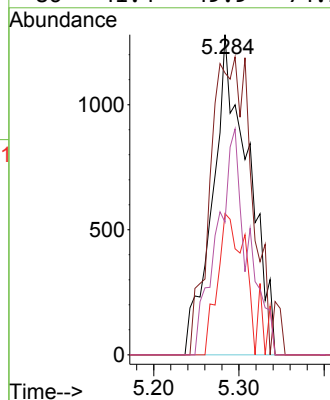


#20
Methylene Chloride
Concen: 0.640 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

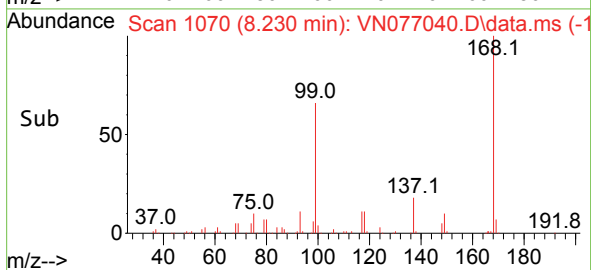
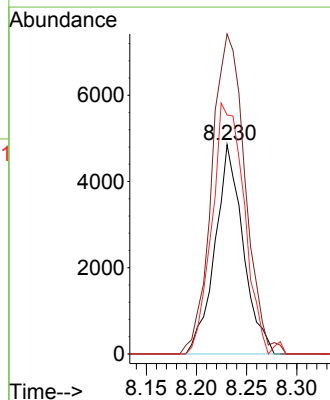
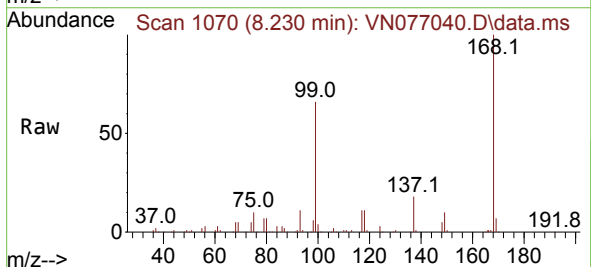


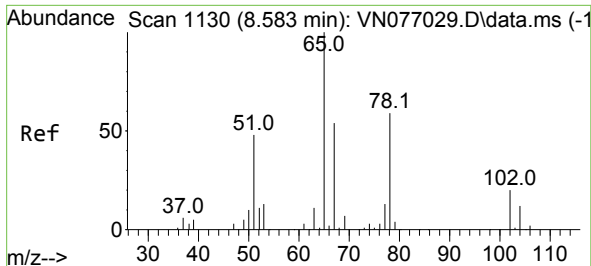
Tgt Ion: 84	Resp: 3719
Ion Ratio	Lower Upper
84 100	
49 88.0	103.8 155.6#
51 44.1	32.3 48.5
86 41.4	49.9 74.9#



#31
Cyclohexane
Concen: 0.964 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 56	Resp: 9482
Ion Ratio	Lower Upper
56 100	
69 152.9	22.8 34.2#
84 114.2	64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077040.D

Acq: 17 Mar 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

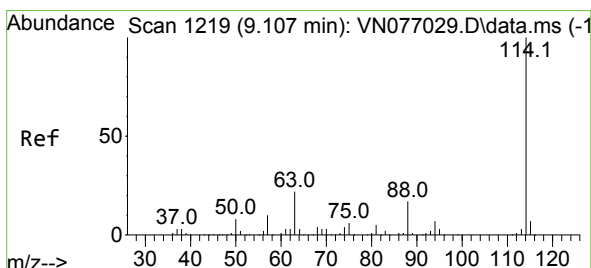
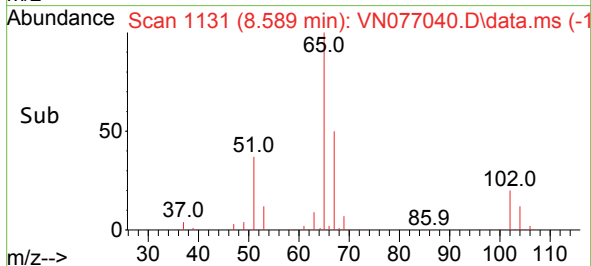
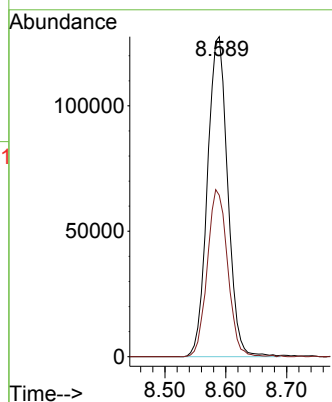
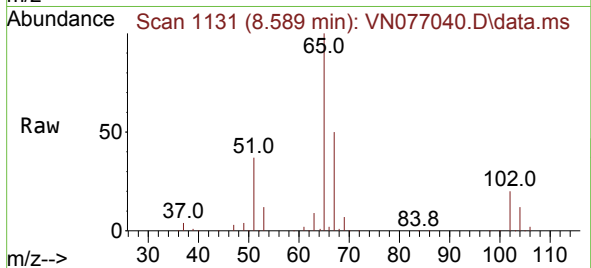
TT180D2-20230313

Tgt Ion: 65 Resp: 294372

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077040.D

Acq: 17 Mar 2023 18:10

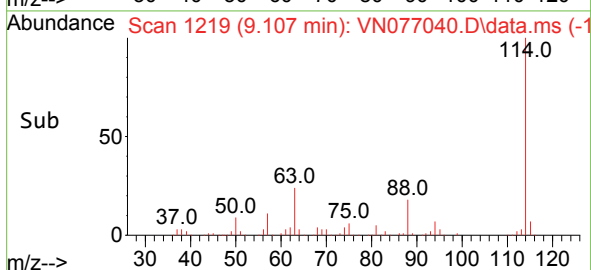
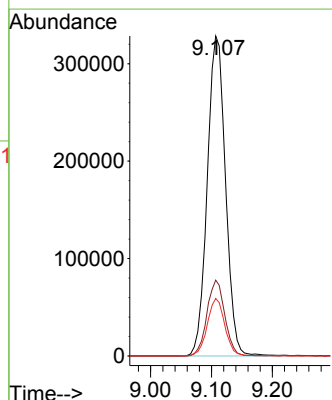
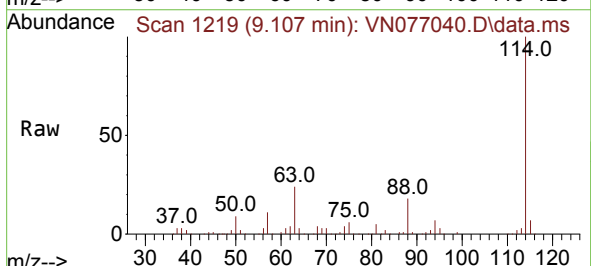
Tgt Ion: 114 Resp: 685400

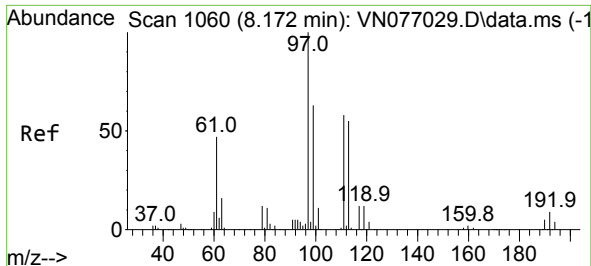
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

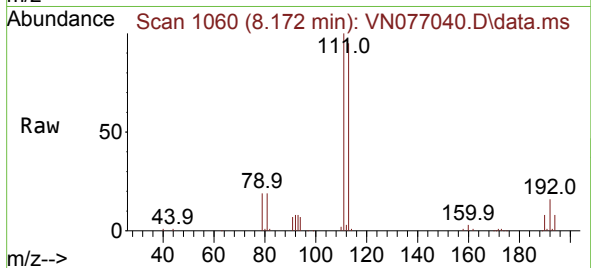
88 17.9 0.0 33.8



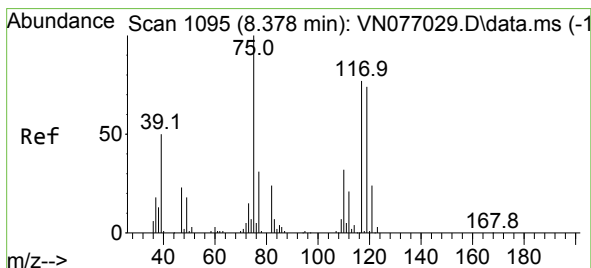
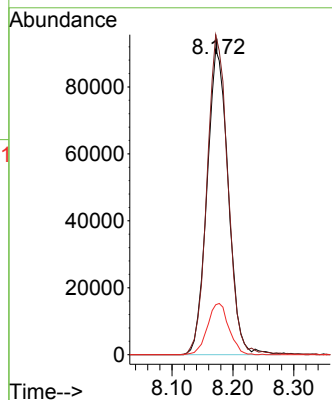
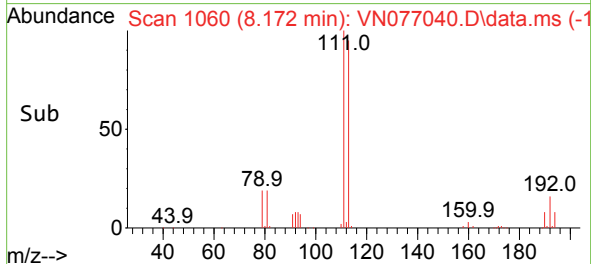


#35
Dibromofluoromethane
Concen: 46.279 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

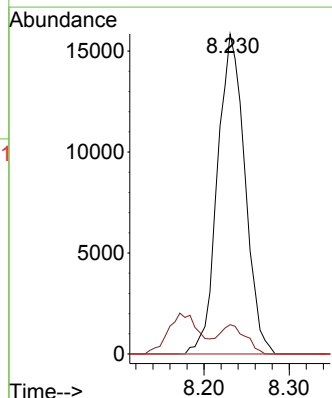
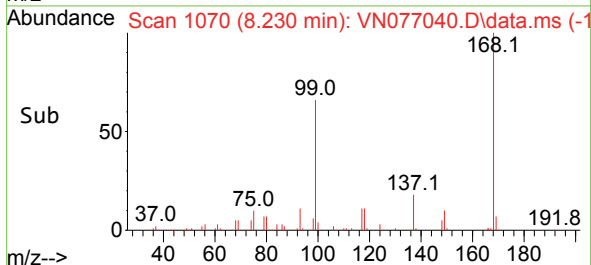
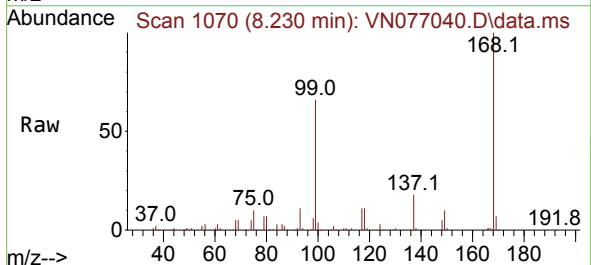


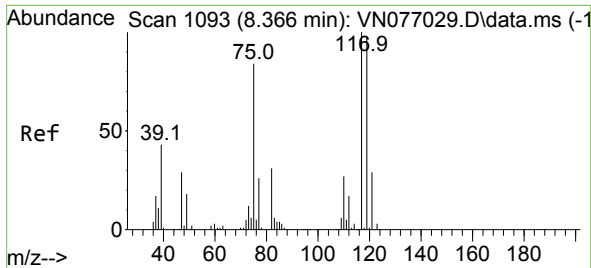
Tgt Ion:113 Resp: 222137
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 16.8 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

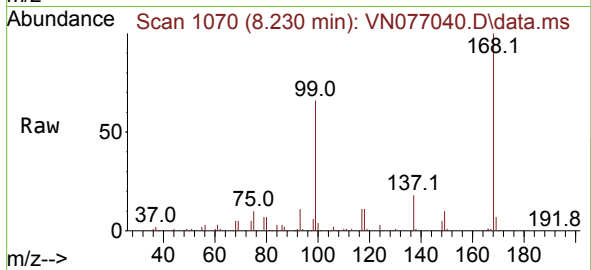
Tgt Ion: 75 Resp: 35359
Ion Ratio Lower Upper
75 100
110 9.0 15.9 47.7#
77 0.0 24.3 36.5#



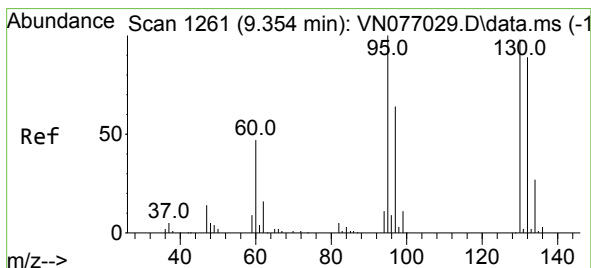
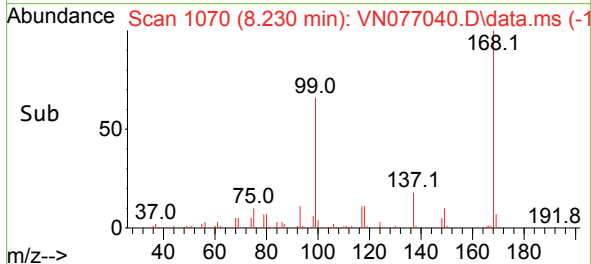
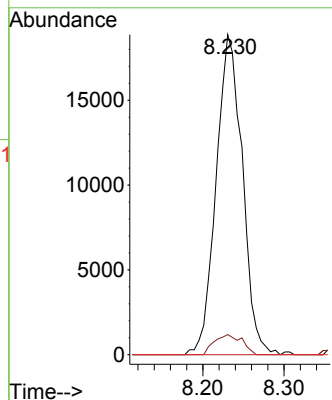


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 8.230 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

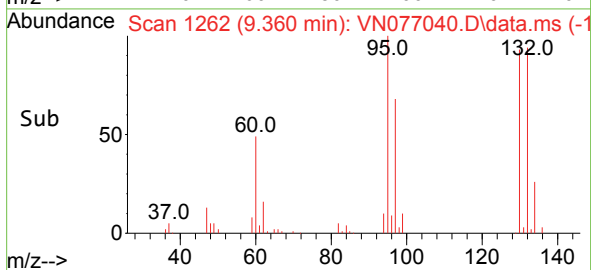
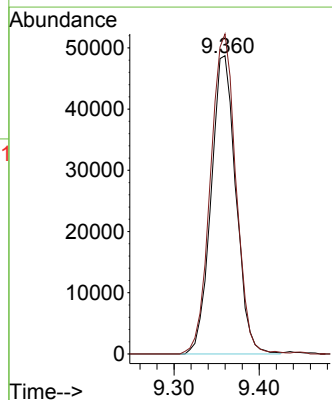
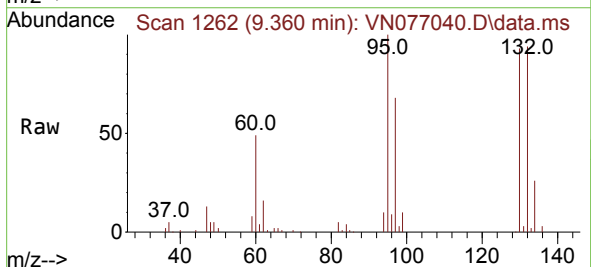


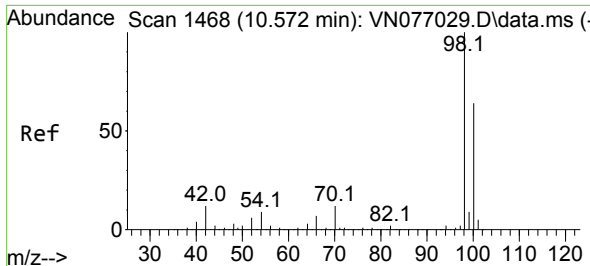
Tgt Ion:117 Resp: 42382
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 18.860 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion:130 Resp: 98497
Ion Ratio Lower Upper
130 100
95 107.3 0.0 204.4

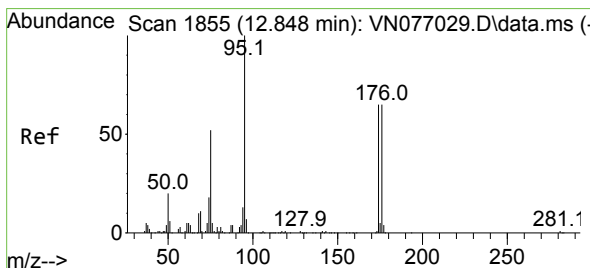
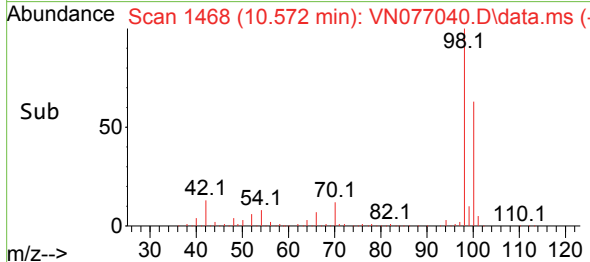
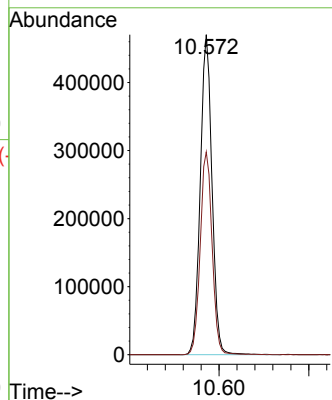
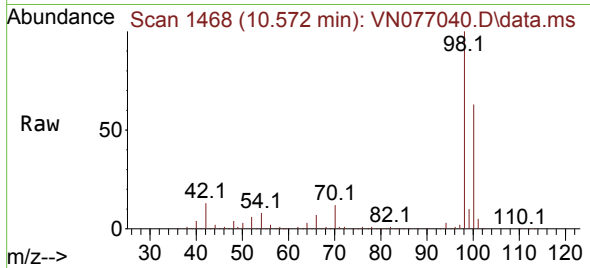




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

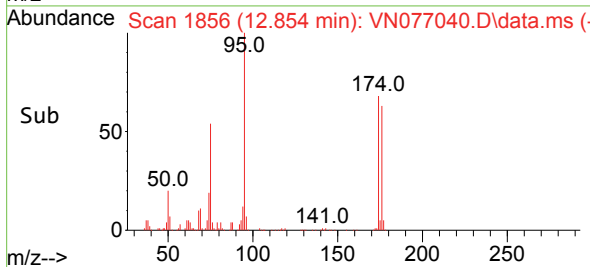
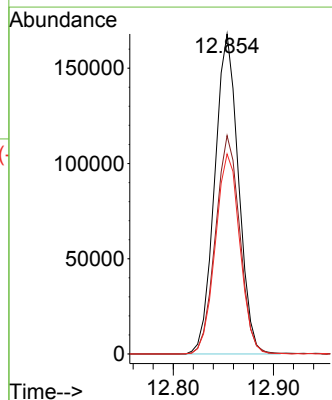
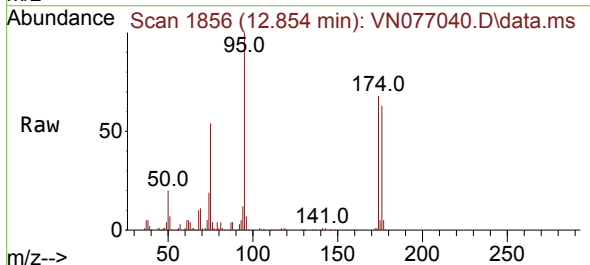
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

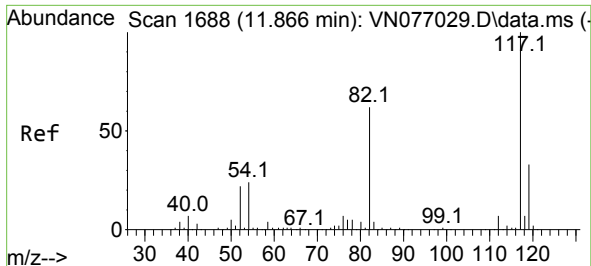
Tgt Ion: 98 Resp: 848691
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.681 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 95 Resp: 276769
Ion Ratio Lower Upper
95 100
174 69.7 0.0 136.6
176 64.5 0.0 130.0

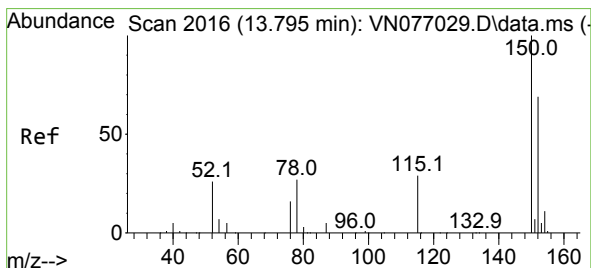
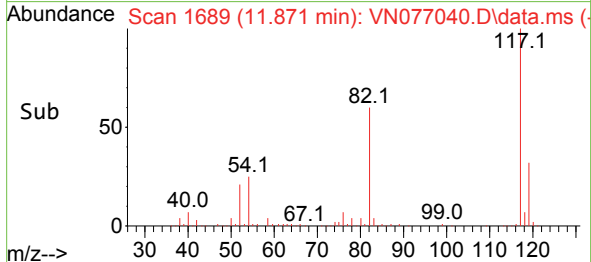
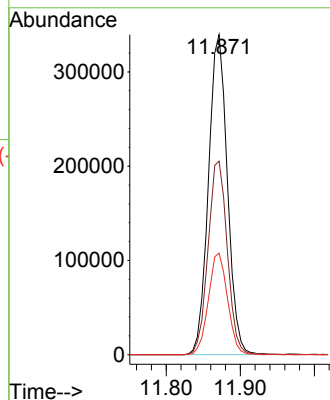
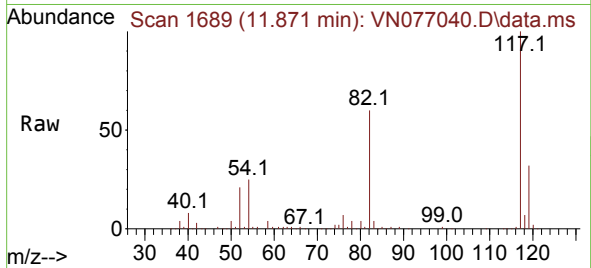




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

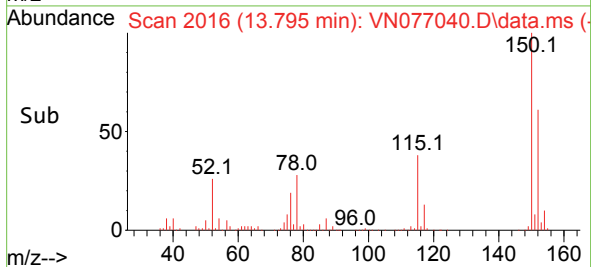
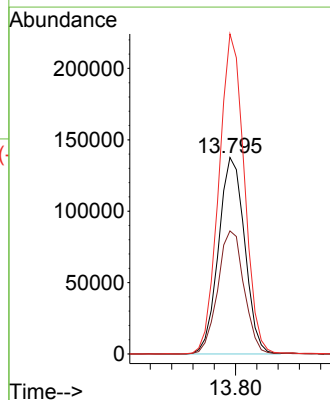
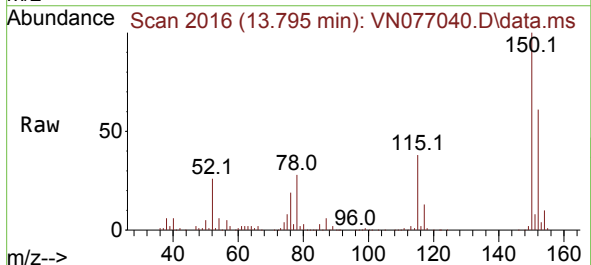
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

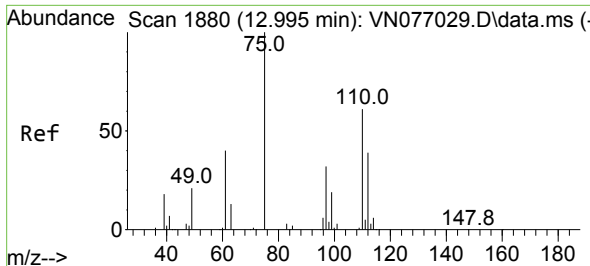
Tgt Ion:117 Resp: 603205
Ion Ratio Lower Upper
117 100
82 60.5 49.4 74.0
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion:152 Resp: 234487
Ion Ratio Lower Upper
152 100
115 63.1 31.9 95.7
150 158.5 0.0 348.0

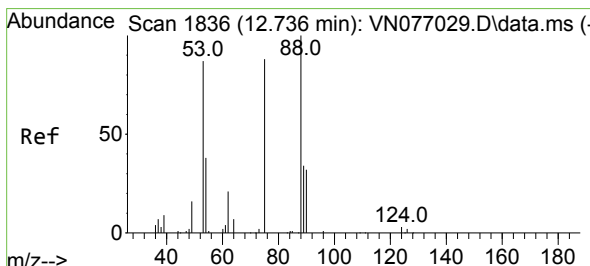
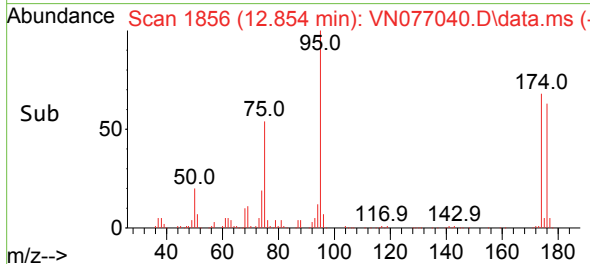
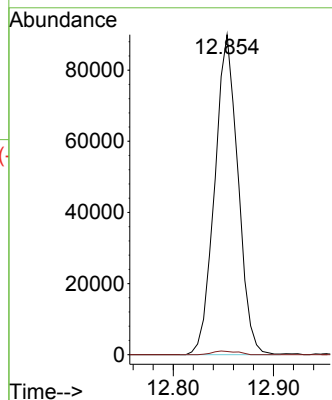
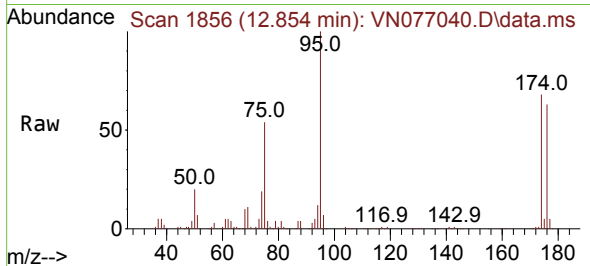




#76
1,2,3-Trichloropropane
Concen: 23.952 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

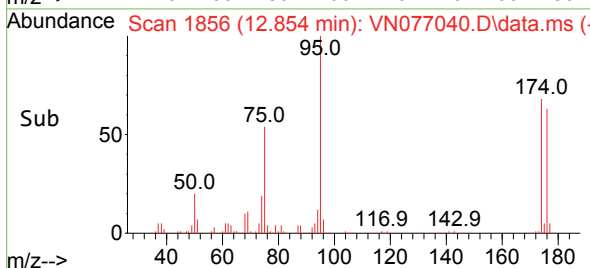
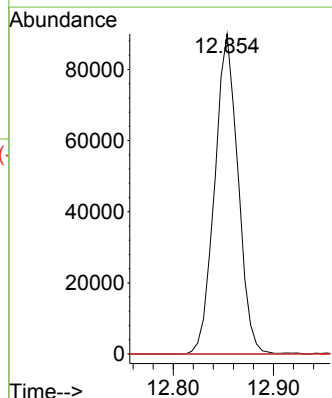
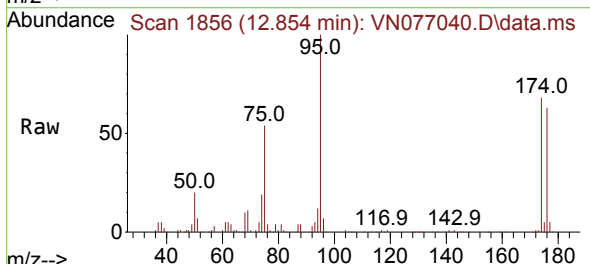
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20230313

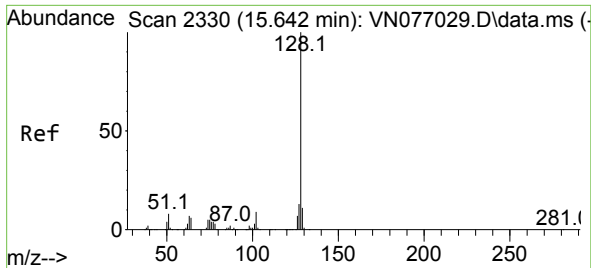
Tgt Ion: 75 Resp: 145274
Ion Ratio Lower Upper
75 100
77 1.2 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.928 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077040.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 75 Resp: 145274
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#





#95

Naphthalene

Concen: 2.114 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077040.D

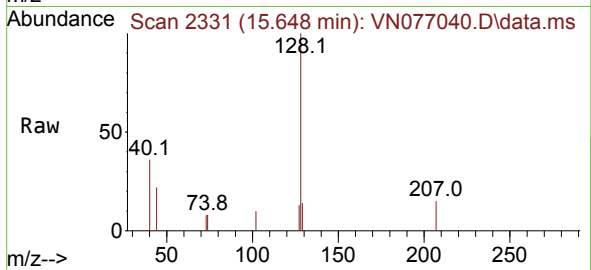
Acq: 17 Mar 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

TT180D2-20230313



Tgt Ion:	128	Resp:	3271
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.0	15.0#
129	6.6	8.6	13.0#

