

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077293.D
 Acq On : 11 Apr 2023 10:16
 Operator : JC\MD
 Sample : VN0411WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

Quant Time: Apr 12 04:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

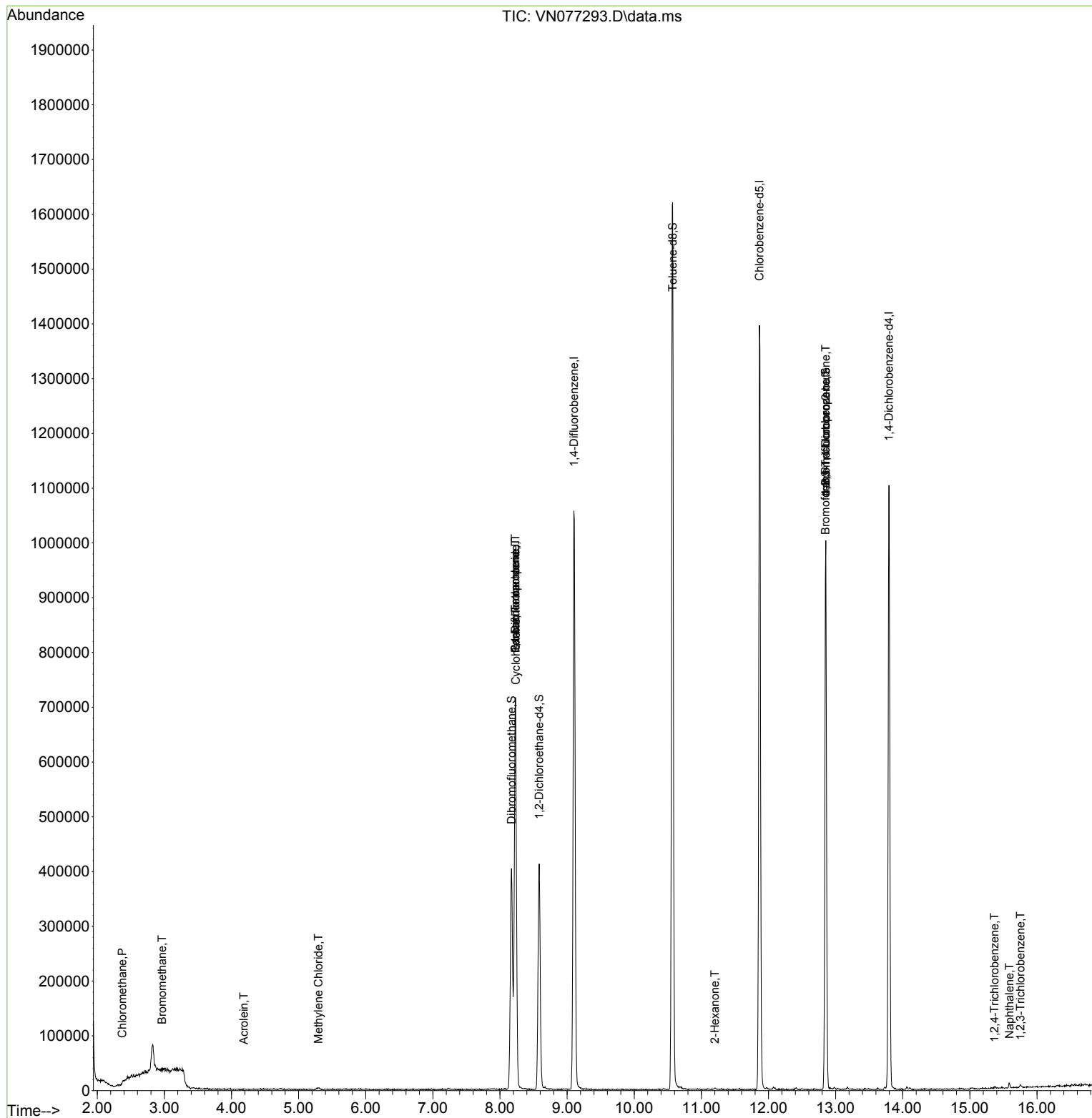
Internal Standards						
1) Pentafluorobenzene	8.230	168	510020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	969462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	840544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	289565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	319473	45.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.660%		
35) Dibromofluoromethane	8.172	113	293252	47.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	10.572	98	1210085	48.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.854	95	346777	41.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.460%		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1640	0.203	ug/l #	78
5) Bromomethane	2.966	94	1640	0.207	ug/l #	24
13) Acrolein	4.184	56	919	0.682	ug/l #	69
20) Methylene Chloride	5.295	84	2422	0.334	ug/l #	78
31) Cyclohexane	8.236	56	13673	1.262	ug/l #	51
36) 1,1-Dichloropropene	8.230	75	46533	5.069	ug/l #	51
38) Carbon Tetrachloride	8.230	117	56513	6.009	ug/l #	15
59) 2-Hexanone	11.201	43	2161	0.331	ug/l	77
71) Bromoform	12.848	173	1741	0.353	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	184964	26.825	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	184964	60.364	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.365	180	1224	0.320	ug/l #	91
95) Naphthalene	15.589	128	5826	0.406	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.754	180	1353	0.370	ug/l	89

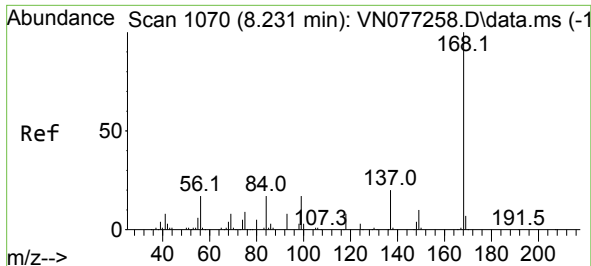
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
Data File : VN077293.D
Acq On : 11 Apr 2023 10:16
Operator : JC\MD
Sample : VN0411WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

Quant Time: Apr 12 04:36:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

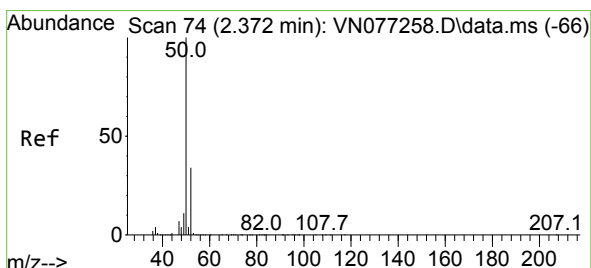
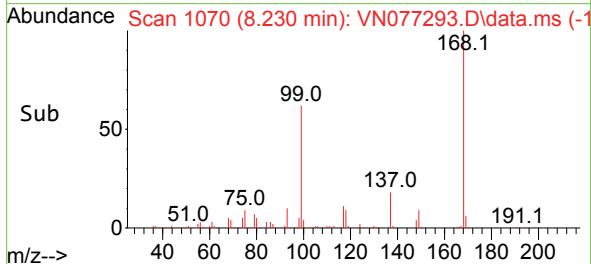
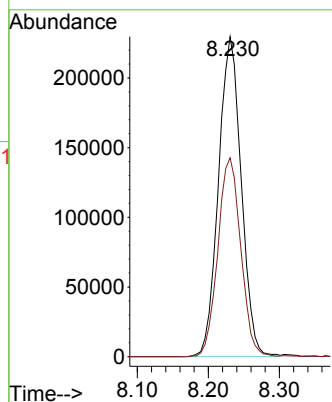
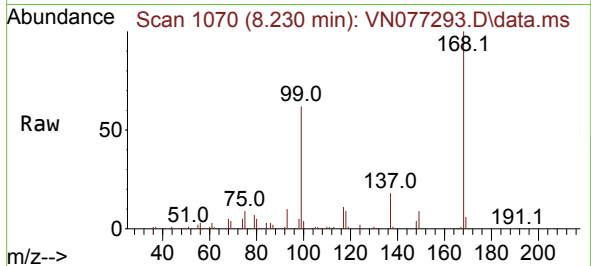




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

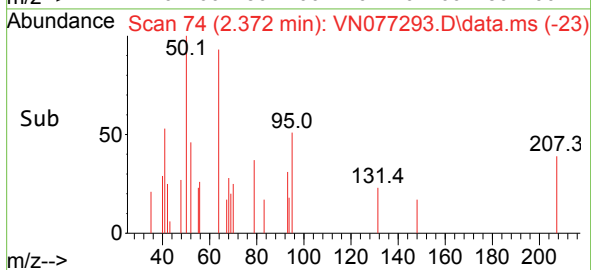
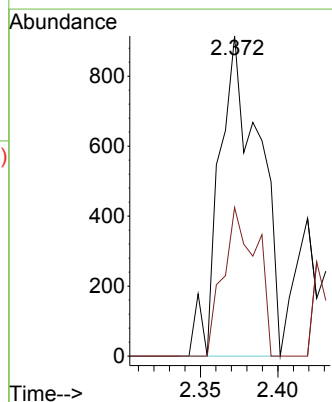
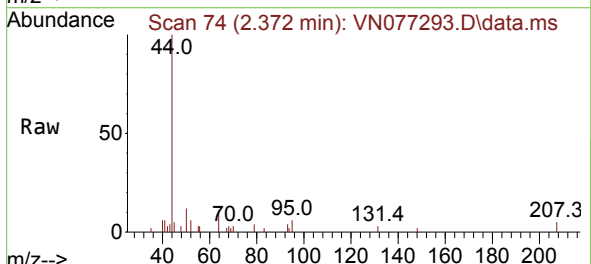
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

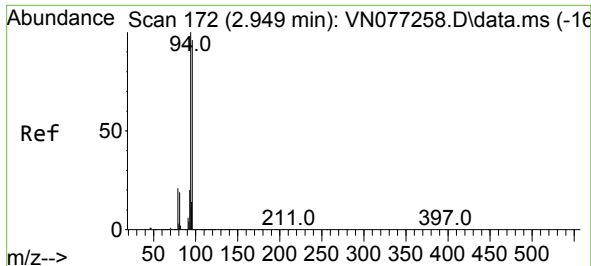
Tgt Ion:168 Resp: 510020
Ion Ratio Lower Upper
168 100
99 62.2 50.6 75.8



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion: 50 Resp: 1640
Ion Ratio Lower Upper
50 100
52 46.4 27.3 40.9#

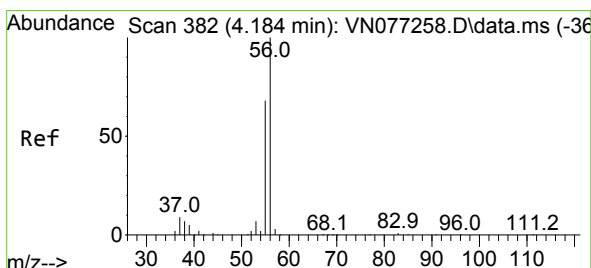
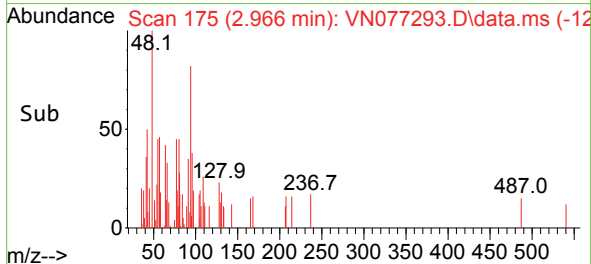
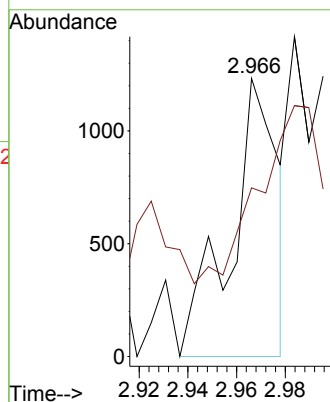
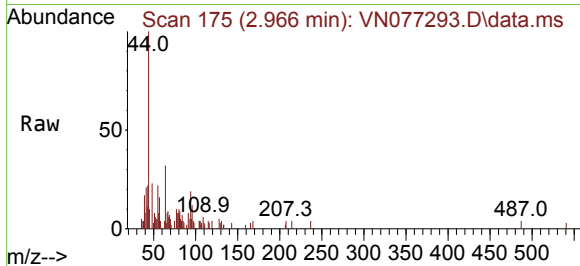




#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.966 min Scan# 175
Delta R.T. 0.017 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

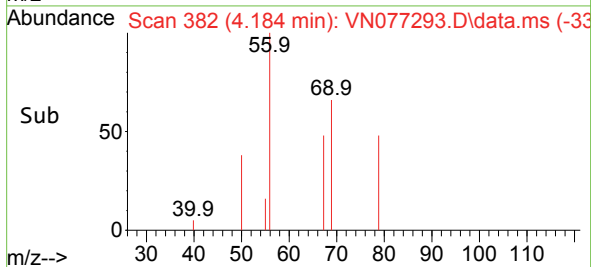
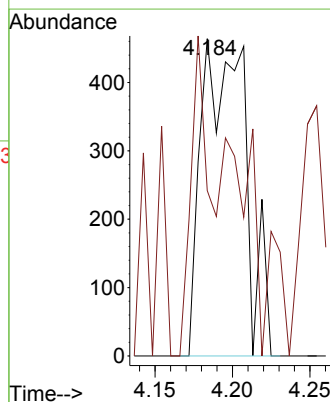
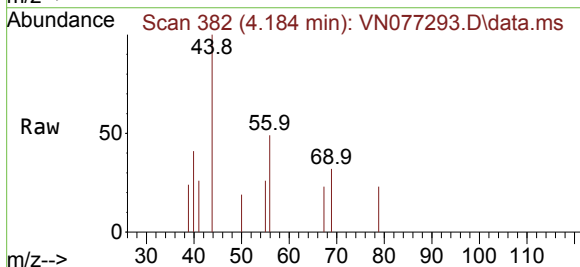
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

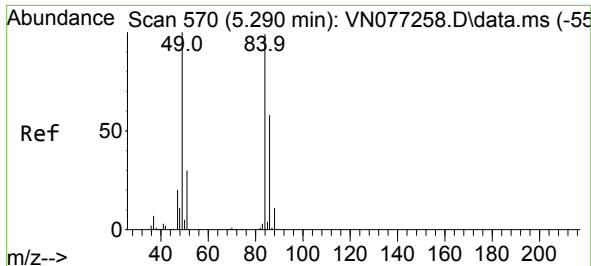
Tgt Ion: 94 Resp: 1640
Ion Ratio Lower Upper
94 100
96 22.2 77.0 115.4#



#13
Acrolein
Concen: 0.682 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion: 56 Resp: 919
Ion Ratio Lower Upper
56 100
55 42.8 54.2 81.2#

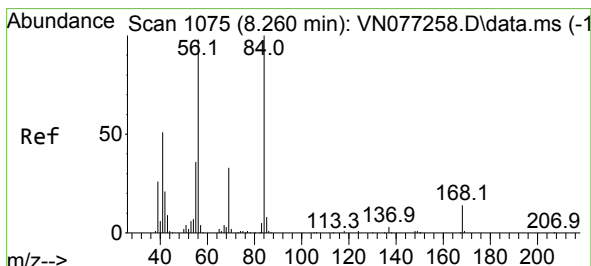
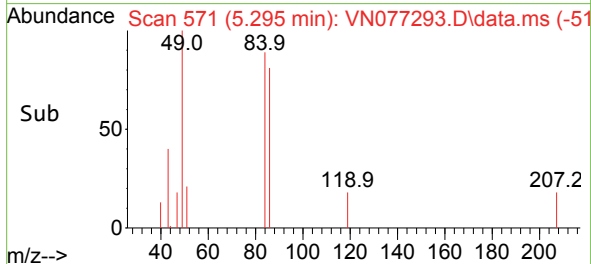
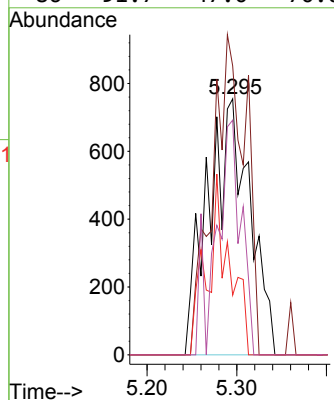
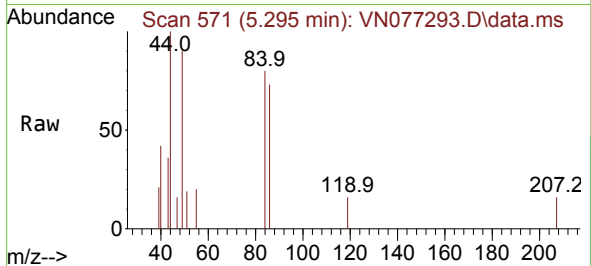




#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

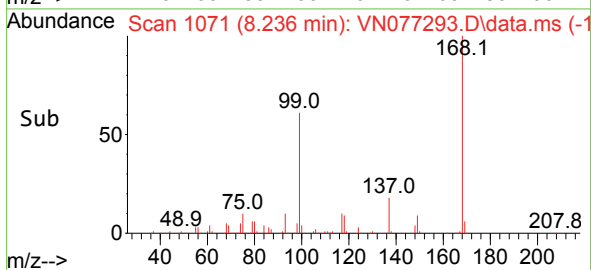
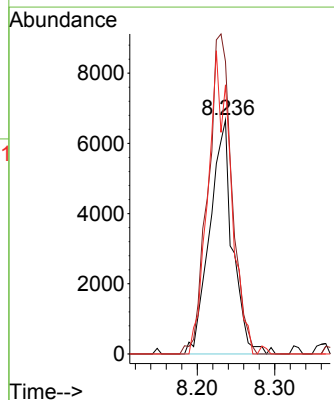
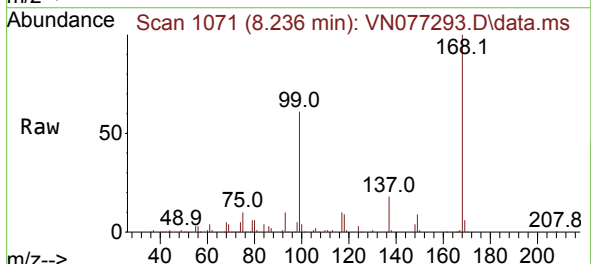
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

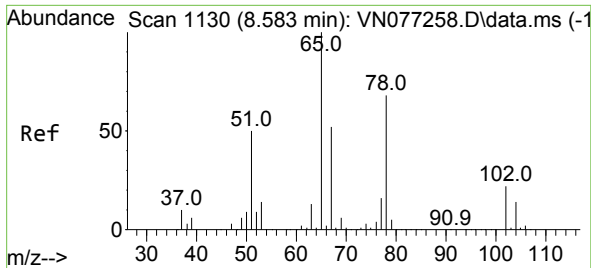
Tgt Ion:	84	Resp:	2422
Ion	Ratio	Lower	Upper
84	100		
49	112.8	80.6	121.0
51	23.3	24.4	36.6#
86	91.7	47.0	70.6#



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion:	56	Resp:	13673
Ion	Ratio	Lower	Upper
56	100		
69	125.0	26.6	40.0#
84	115.0	81.8	122.8





#33

1,2-Dichloroethane-d4

Concen: 45.831 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

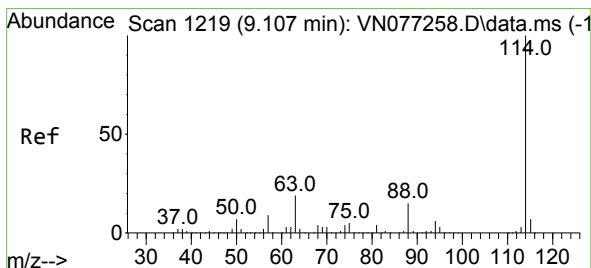
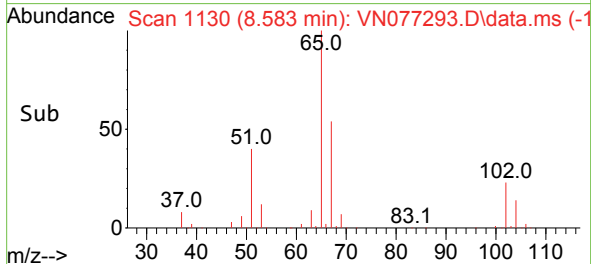
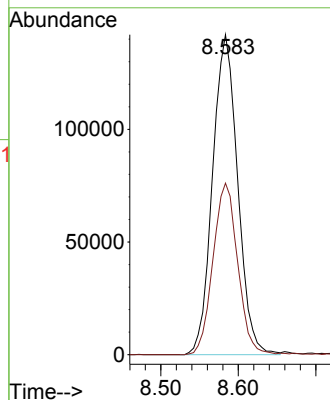
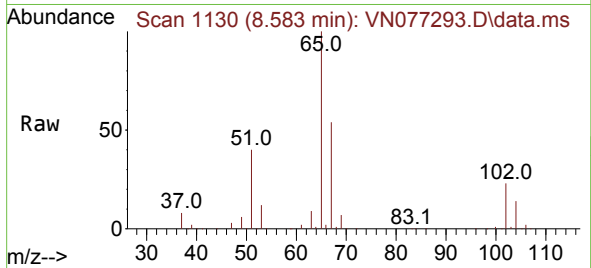
VN0411WBL01

Tgt Ion: 65 Resp: 319473

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

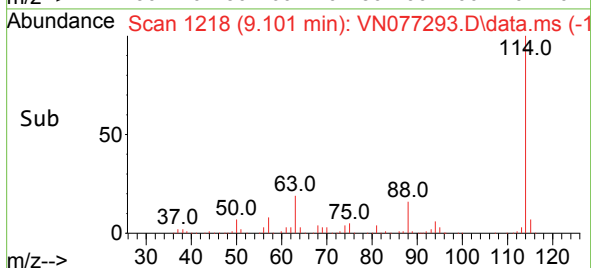
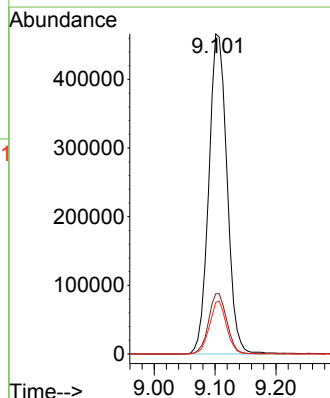
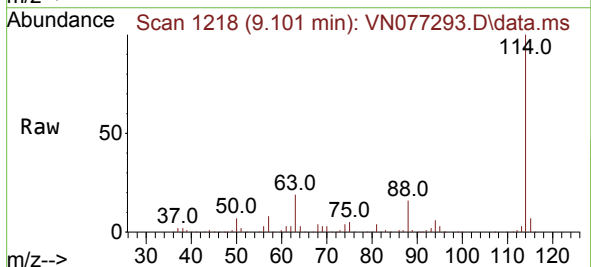
Tgt Ion: 114 Resp: 969462

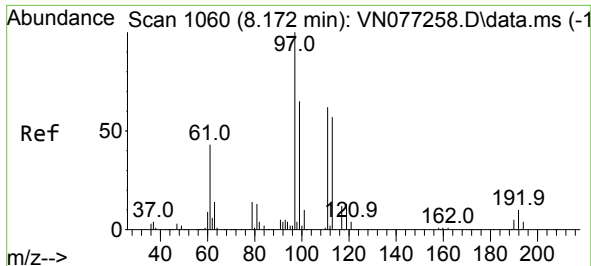
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 16.1 0.0 29.4

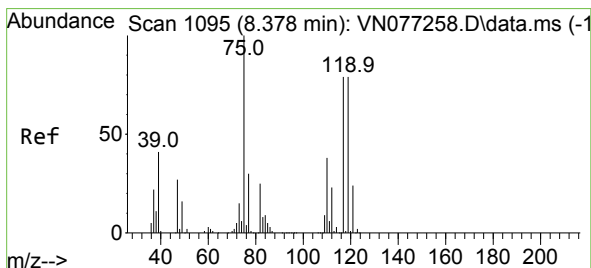
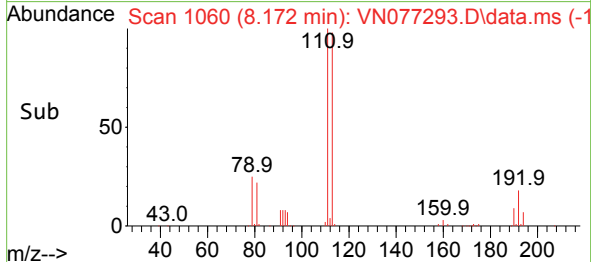
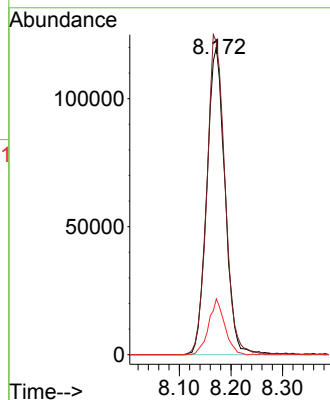
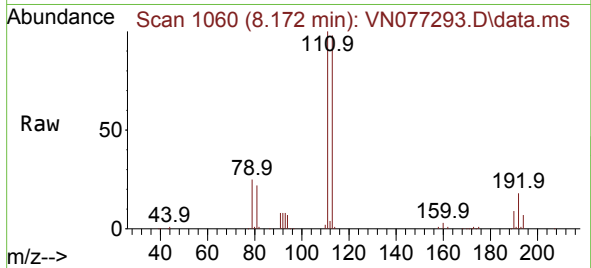




#35
 Dibromofluoromethane
 Concen: 47.251 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN077293.D
 Acq: 11 Apr 2023 10:16

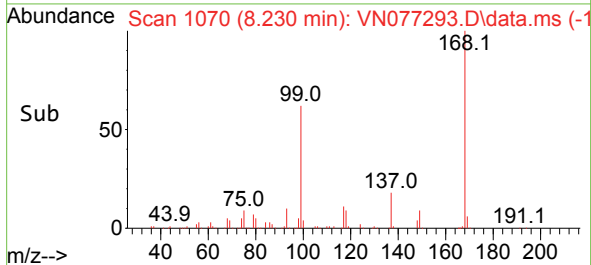
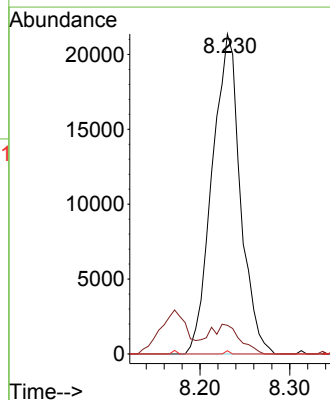
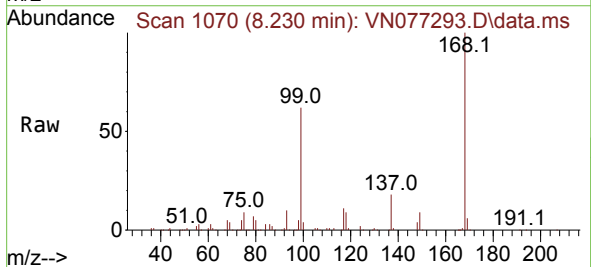
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

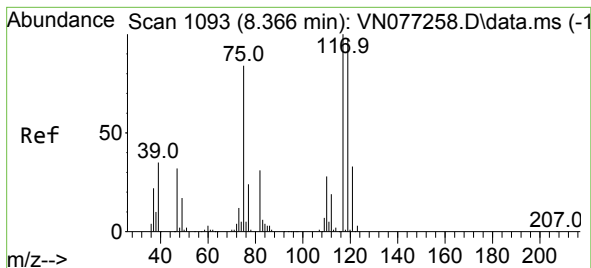
Tgt Ion:113 Resp: 293252
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 16.1 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 5.069 ug/l
 RT: 8.230 min Scan# 1070
 Delta R.T. -0.148 min
 Lab File: VN077293.D
 Acq: 11 Apr 2023 10:16

Tgt Ion: 75 Resp: 46533
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.8 53.5#
 77 0.2 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.009 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.136 min

Lab File: VN077293.D

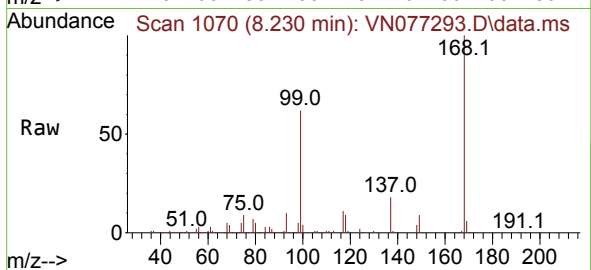
Acq: 11 Apr 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01



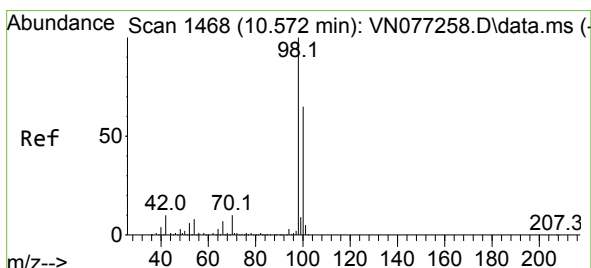
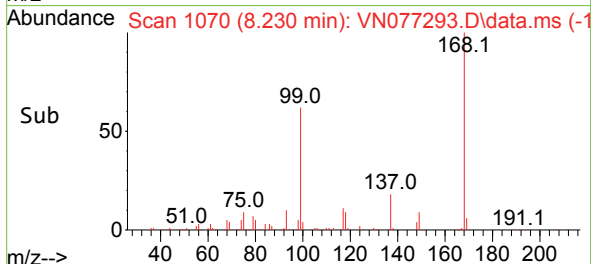
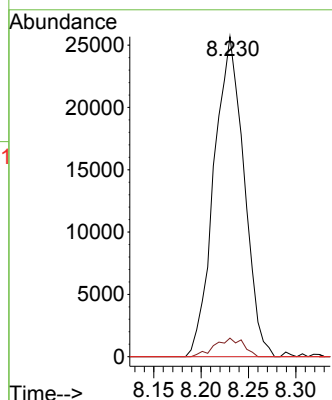
Tgt Ion:117 Resp: 56513

Ion Ratio Lower Upper

117 100

119 5.8 78.5 117.7#

121 0.0 26.6 40.0#



#50

Toluene-d8

Concen: 48.434 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077293.D

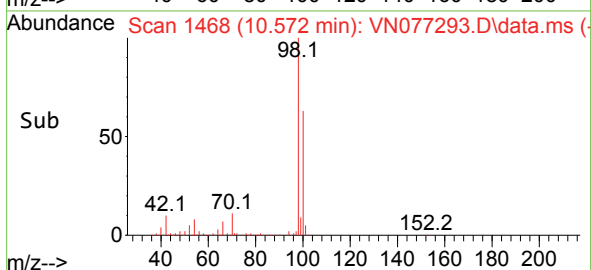
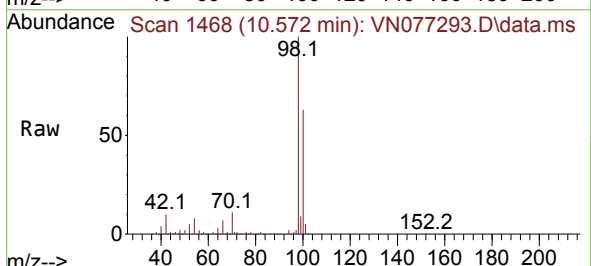
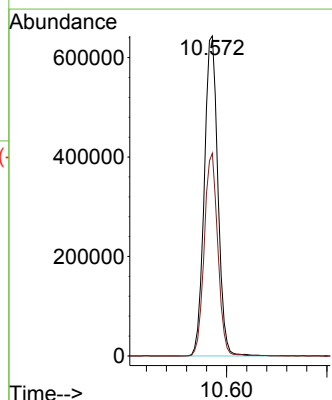
Acq: 11 Apr 2023 10:16

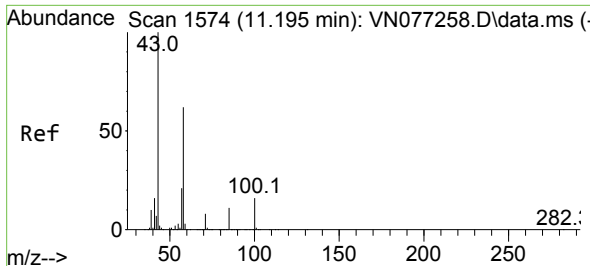
Tgt Ion: 98 Resp: 1210085

Ion Ratio Lower Upper

98 100

100 63.0 51.3 76.9

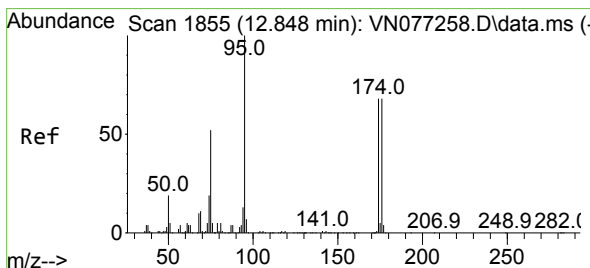
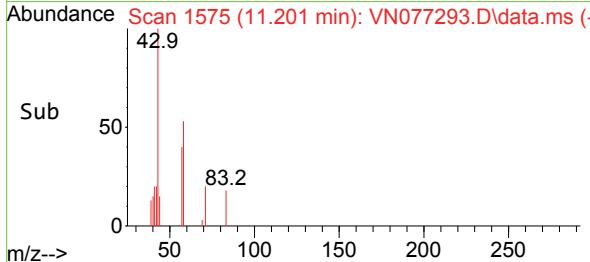
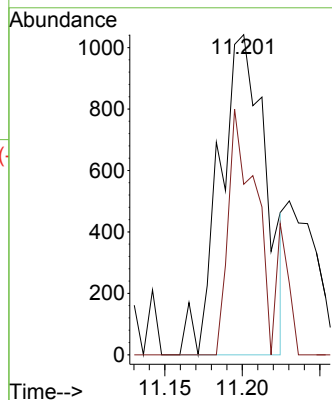
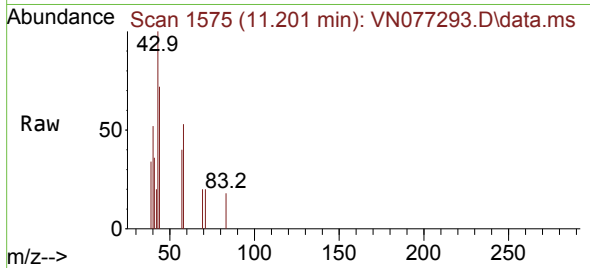




#59
2-Hexanone
Concen: 0.331 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

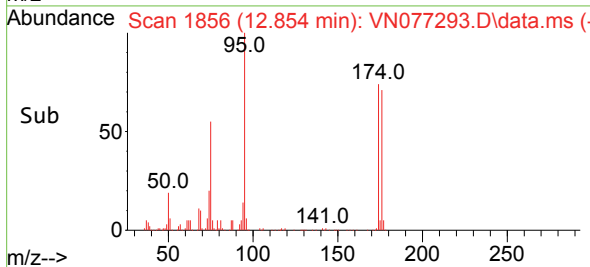
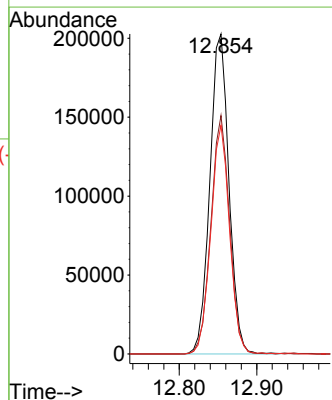
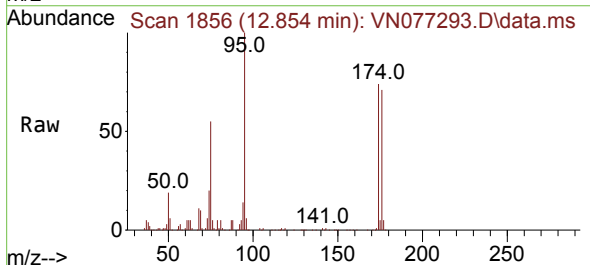
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

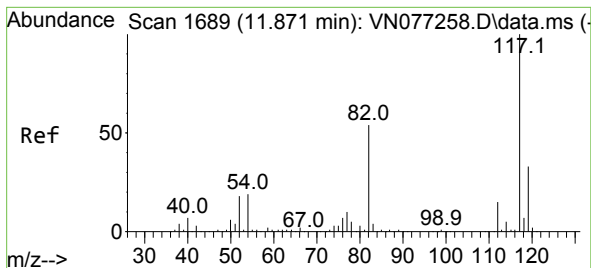
Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
58 44.3 30.9 92.5



#62
4-Bromofluorobenzene
Concen: 41.733 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion: 95 Resp: 346777
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.8
176 70.1 0.0 139.6

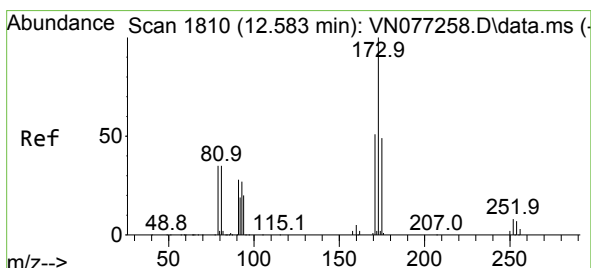
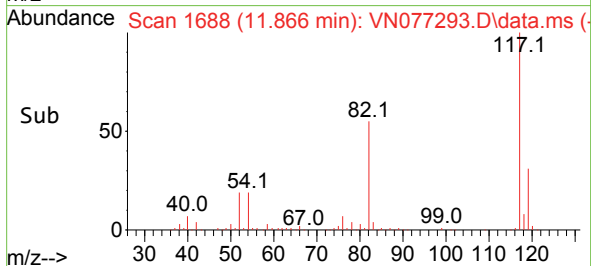
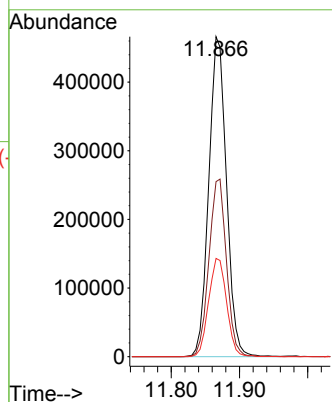
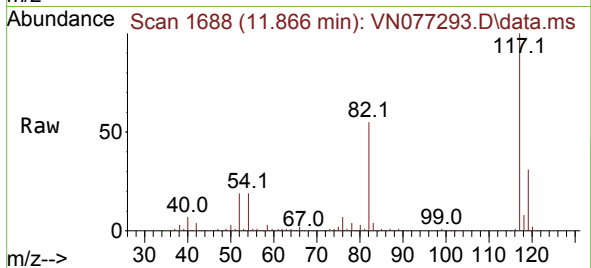




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

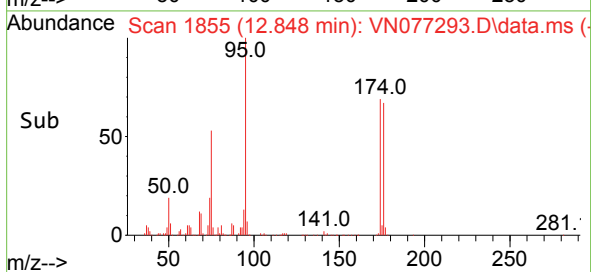
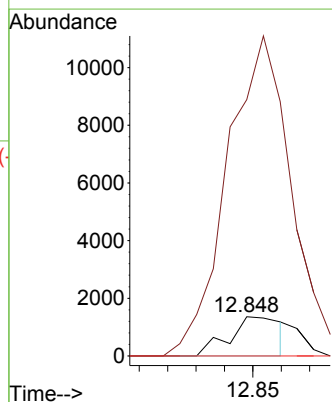
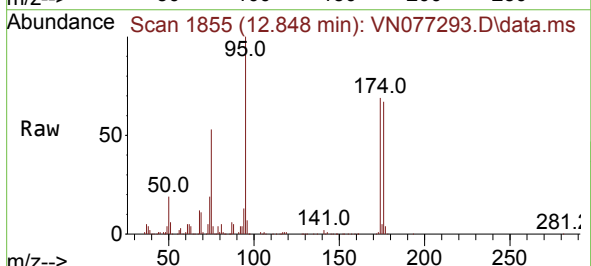
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

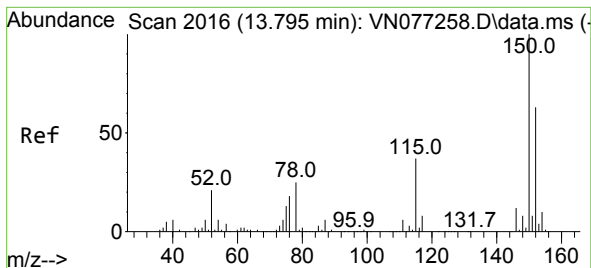
Tgt Ion:117 Resp: 840544
Ion Ratio Lower Upper
117 100
82 54.7 42.9 64.3
119 30.7 26.2 39.4



#71
Bromoform
Concen: 0.353 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion:173 Resp: 1741
Ion Ratio Lower Upper
173 100
175 844.3 24.1 72.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

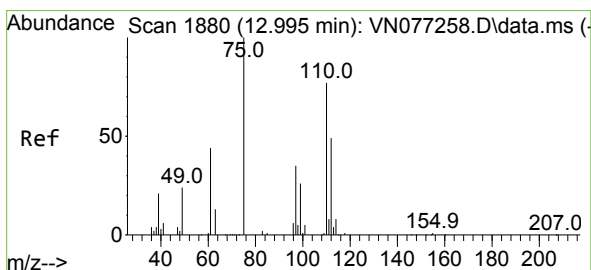
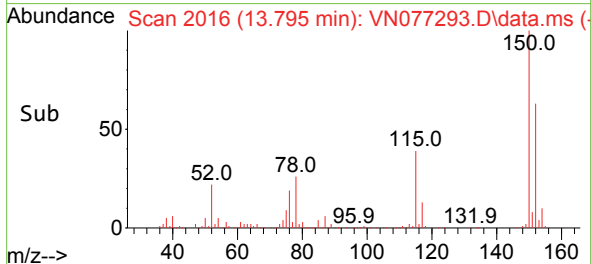
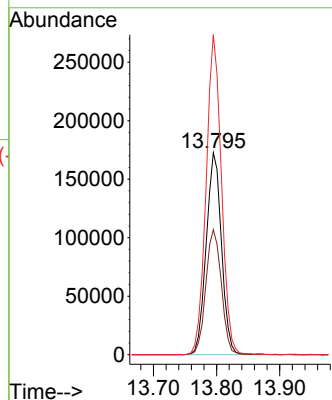
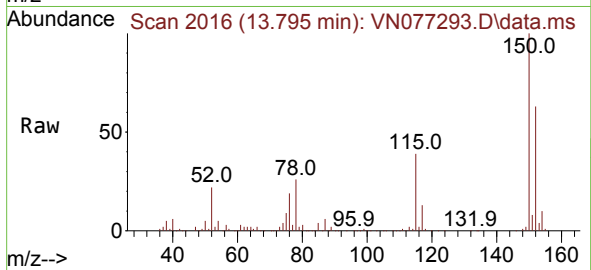
Tgt Ion:152 Resp: 289565

Ion Ratio Lower Upper

152 100

115 62.9 32.1 96.3

150 158.6 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 26.825 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077293.D

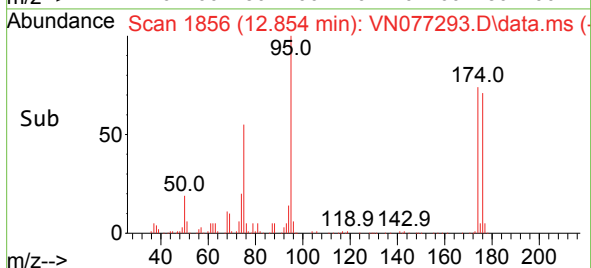
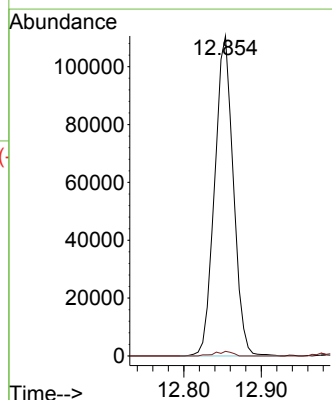
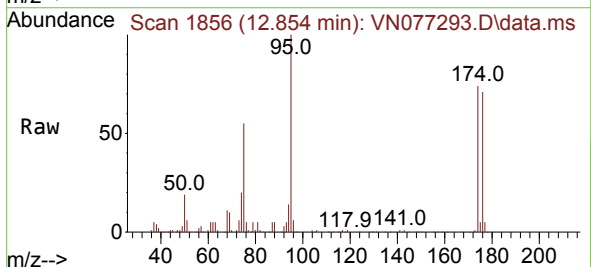
Acq: 11 Apr 2023 10:16

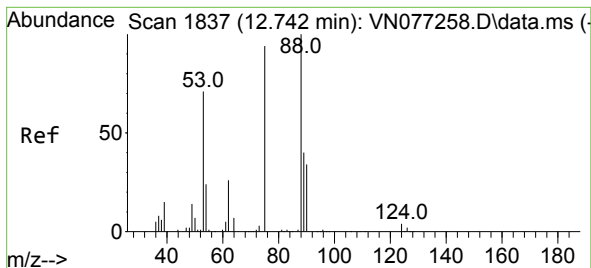
Tgt Ion: 75 Resp: 184964

Ion Ratio Lower Upper

75 100

77 1.3 88.3 264.9#

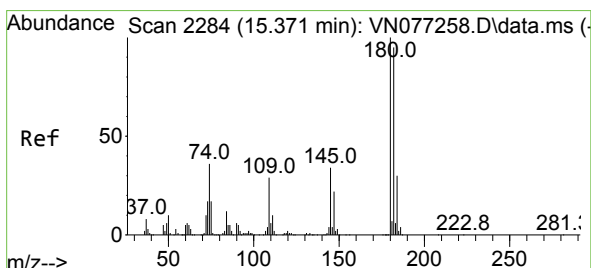
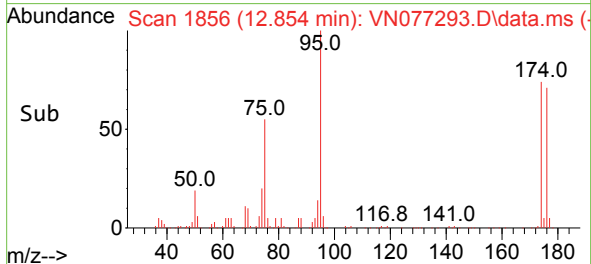
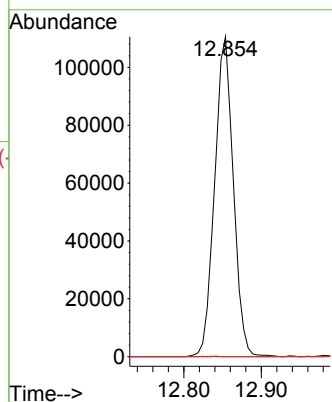
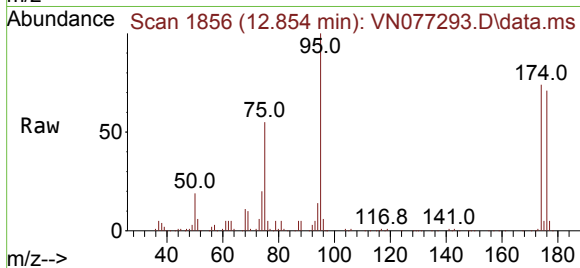




#81
trans-1,4-Dichloro-2-butene
Concen: 60.364 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

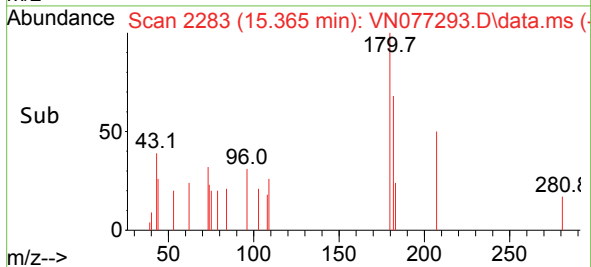
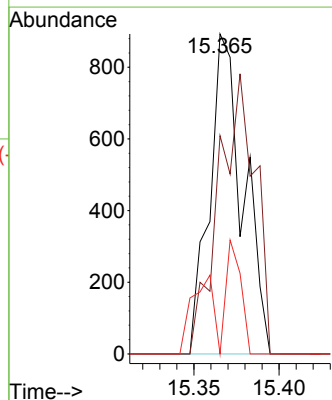
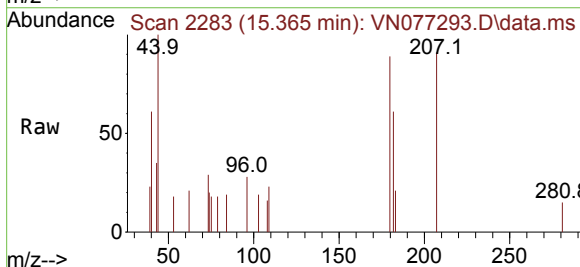
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

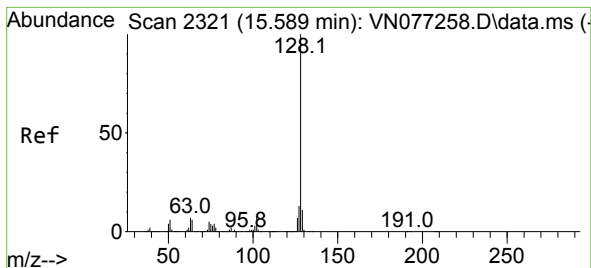
Tgt Ion: 75 Resp: 184964
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.320 ug/l
RT: 15.365 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion:180 Resp: 1224
Ion Ratio Lower Upper
180 100
182 94.9 46.7 140.0
145 15.7 16.6 49.8#





#95

Naphthalene

Concen: 0.406 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

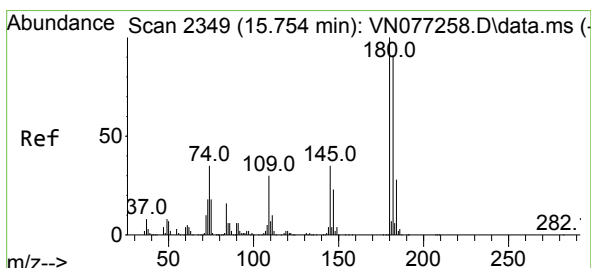
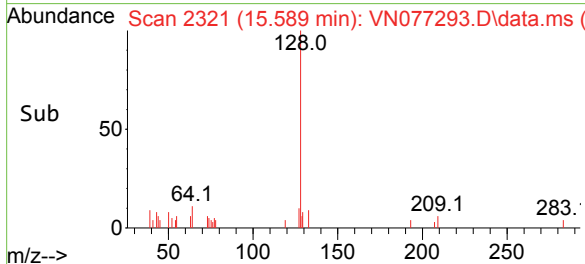
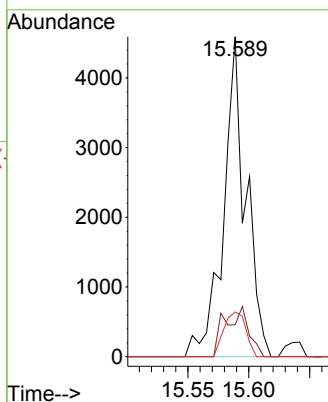
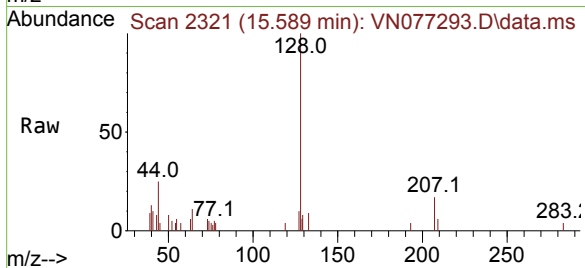
Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

Tgt Ion:128	Resp:	5826
Ion	Ratio	Lower Upper
128	100	
127	16.6	10.2 15.4#
129	13.8	8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.370 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

Tgt Ion:180	Resp:	1353
Ion	Ratio	Lower Upper
180	100	
182	84.3	46.9 140.8
145	43.1	17.6 52.8

