

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073580.D
 Acq On : 25 Jul 2022 15:33
 Operator : JC\MD
 Sample : N3771-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11F

Quant Time: Jul 26 02:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

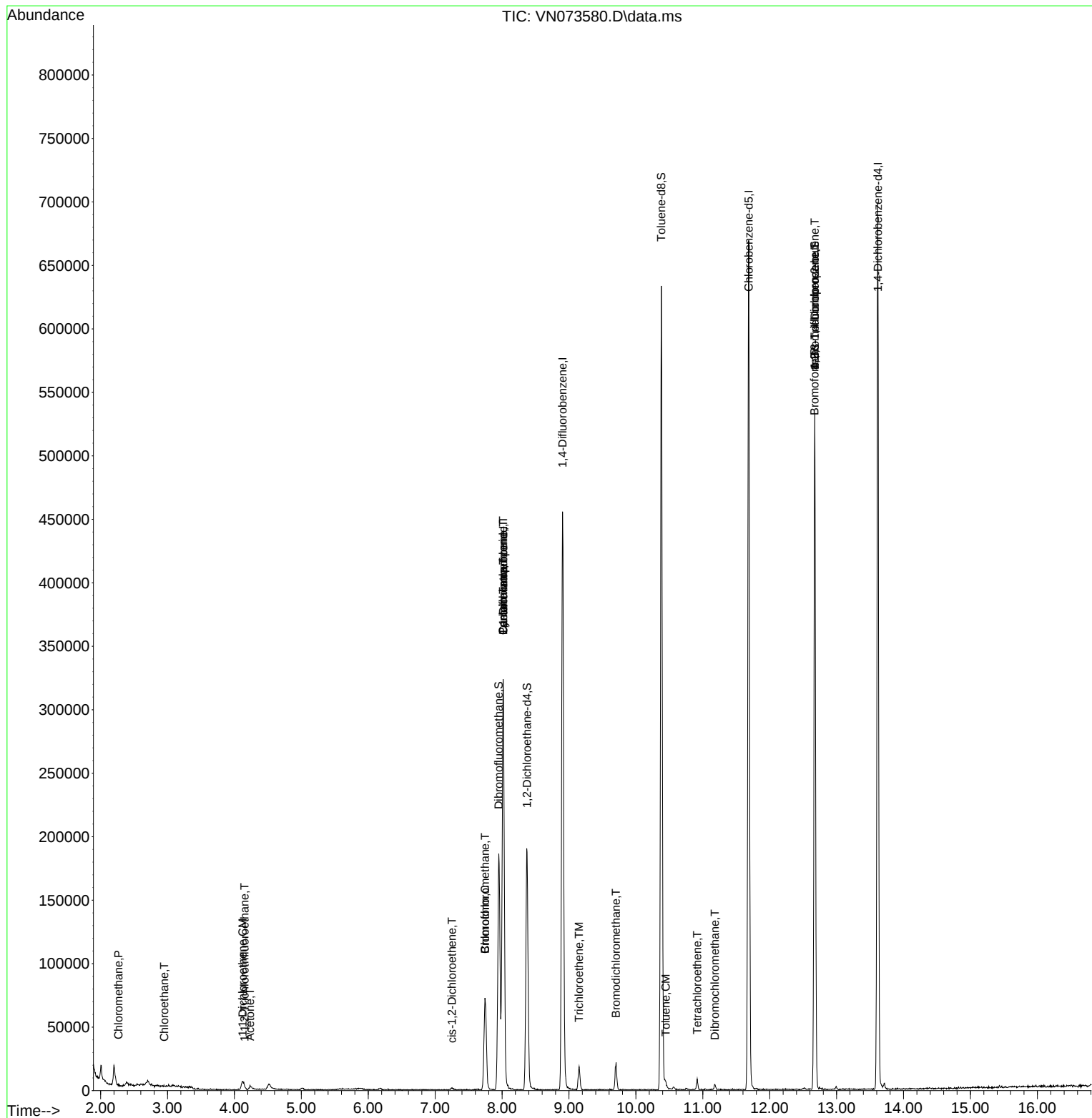
Internal Standards						
1) Pentafluorobenzene	8.016	168	240909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	392973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	373553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	179895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	155116	44.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.200%
35) Dibromofluoromethane	7.951	113	134773	51.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	10.380	98	422274	45.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.674	95	176018	49.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	865	0.253	ug/l #	82
6) Chloroethane	2.952	64	374	0.219	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.151	101	2532	0.853	ug/l	93
12) 1,1-Dichloroethene	4.122	96	2969	1.047	ug/l #	80
16) Acetone	4.234	43	5176	2.651	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	774	0.216	ug/l	41
28) Bromochloromethane	7.745	49	6436	2.664	ug/l #	8
30) Chloroform	7.745	83	73467	12.644	ug/l	97
31) Cyclohexane	8.016	56	5688	0.999	ug/l #	25
36) 1,1-Dichloropropene	8.016	75	19875	4.940	ug/l #	50
38) Carbon Tetrachloride	8.016	117	24125	5.799	ug/l #	16
44) Trichloroethene	9.151	130	5982	1.893	ug/l	85
47) Bromodichloromethane	9.704	83	13166	3.164	ug/l #	83
52) Toluene	10.445	92	1672	0.218	ug/l	93
60) Dibromochloromethane	11.180	129	2397	0.796	ug/l	82
64) Tetrachloroethene	10.916	164	1375	0.451	ug/l	93
71) Bromoform	12.669	173	1651	0.726	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	91685	19.491	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	91685	53.454	ug/l #	10

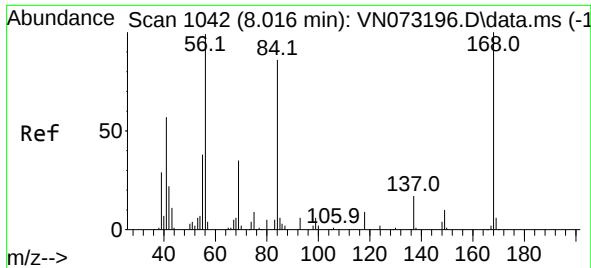
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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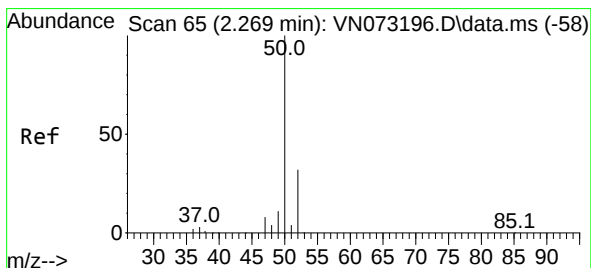
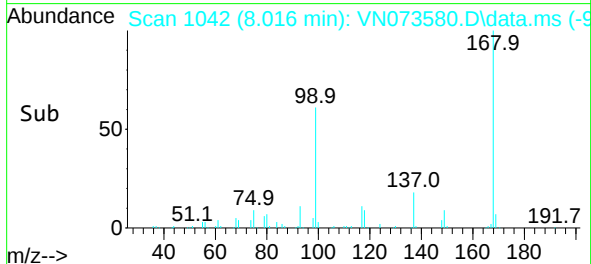
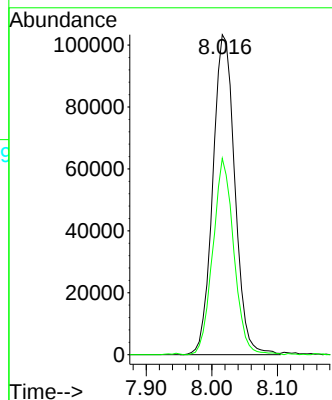
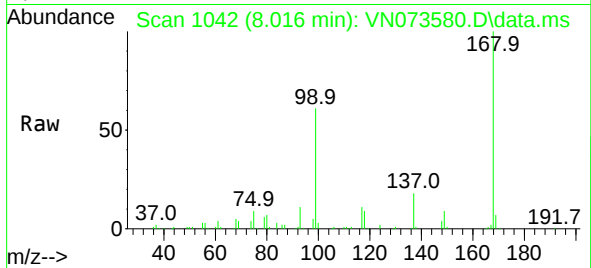




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

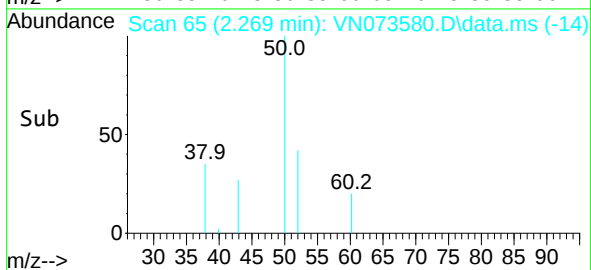
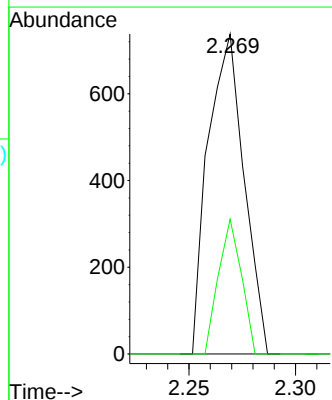
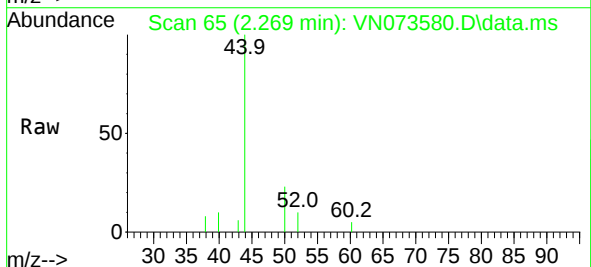
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

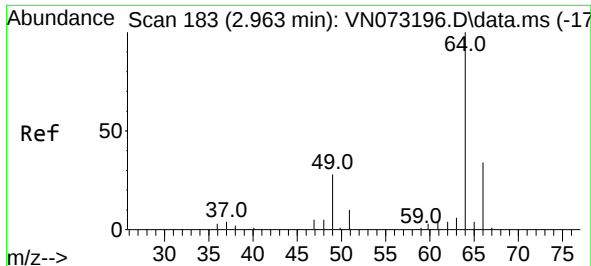
Tgt Ion:168 Resp: 240909
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 42.1 25.7 38.5

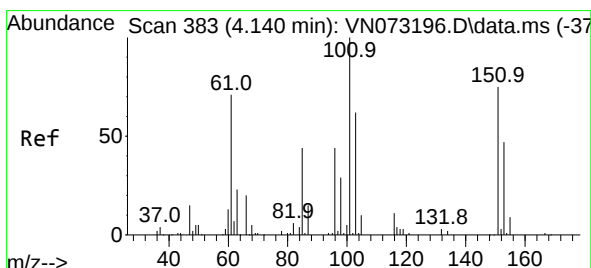
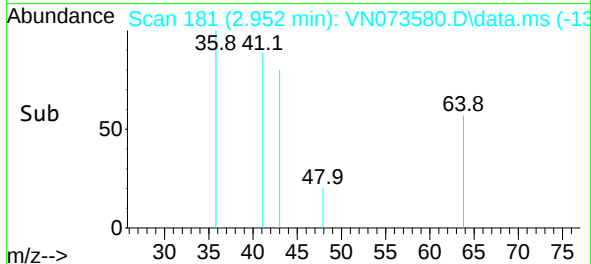
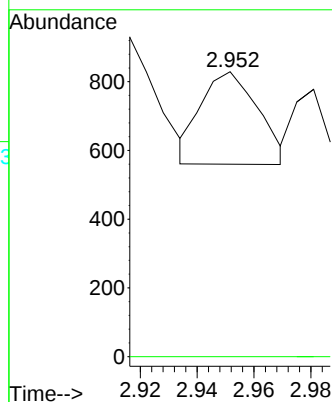
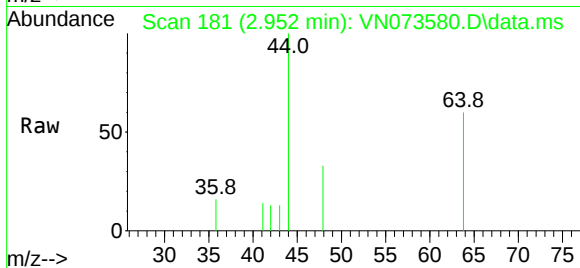




#6
Chloroethane
Concen: 0.219 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.011 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

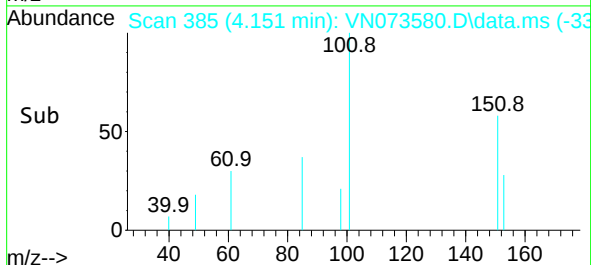
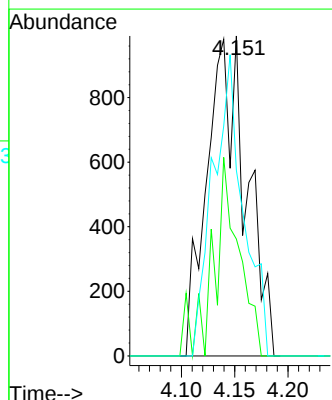
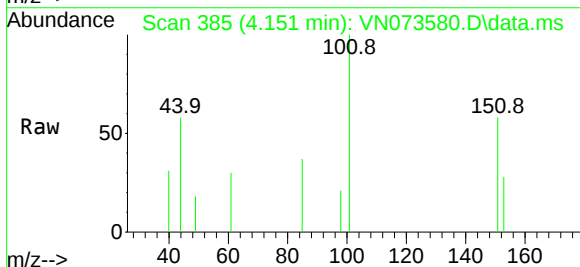
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

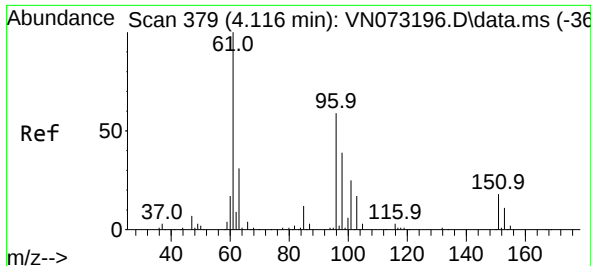
Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.853 ug/l
RT: 4.151 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 101 Resp: 2532
Ion Ratio Lower Upper
101 100
85 38.0 34.7 52.1
151 72.8 63.0 94.4





#12

1,1-Dichloroethene

Concen: 1.047 ug/l

RT: 4.122 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN073580.D

Acq: 25 Jul 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

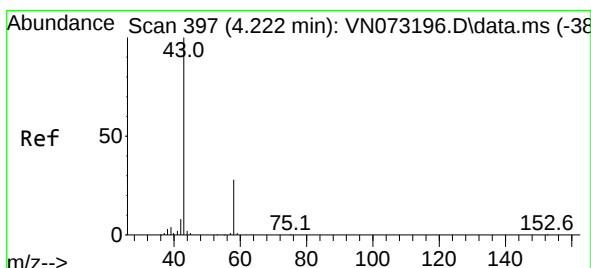
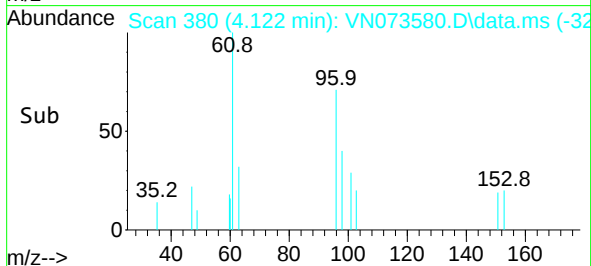
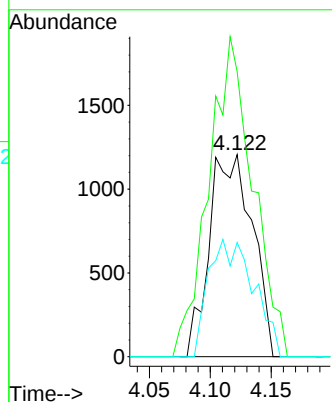
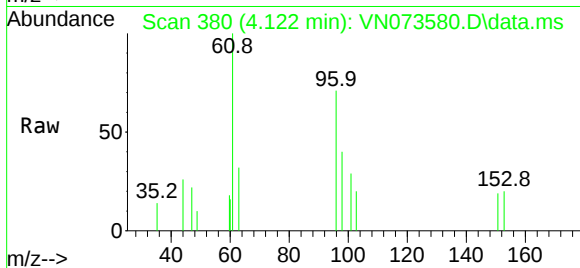
Tgt Ion: 96 Resp: 2969

Ion Ratio Lower Upper

96 100

61 127.1 127.6 191.4#

98 56.6 51.2 76.8



#16

Acetone

Concen: 2.651 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073580.D

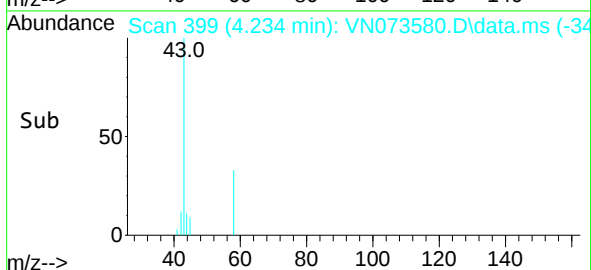
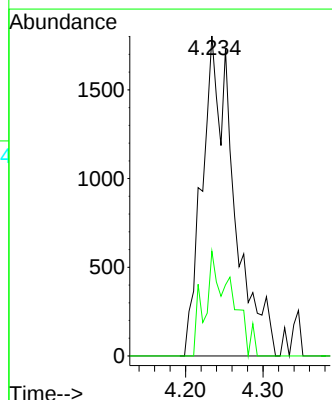
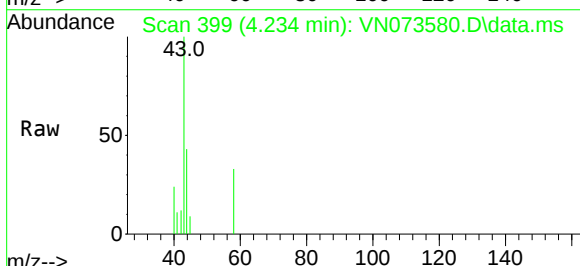
Acq: 25 Jul 2022 15:33

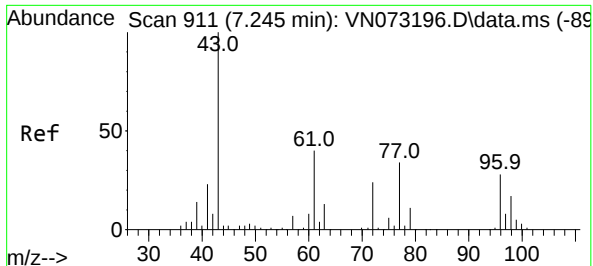
Tgt Ion: 43 Resp: 5176

Ion Ratio Lower Upper

43 100

58 32.8 26.0 39.0

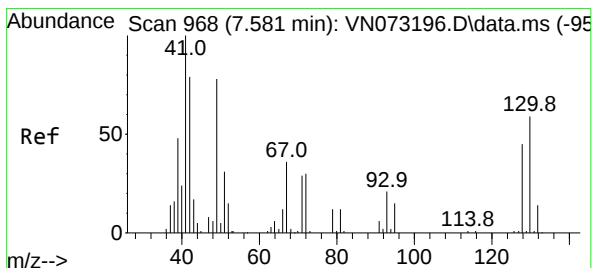
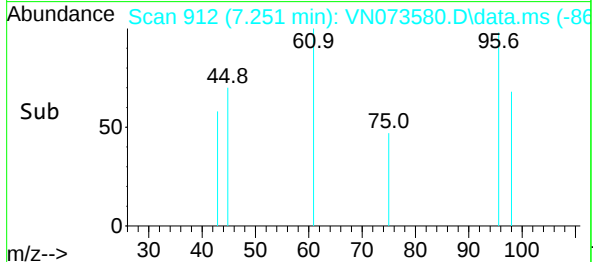
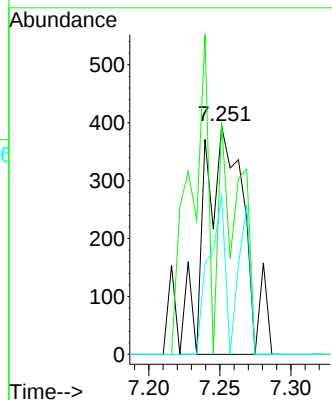
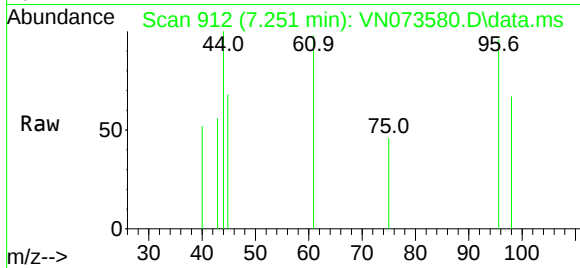




#27
 cis-1,2-Dichloroethene
 Concen: 0.216 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073580.D
 Acq: 25 Jul 2022 15:33

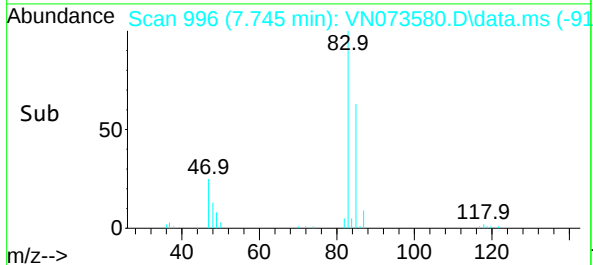
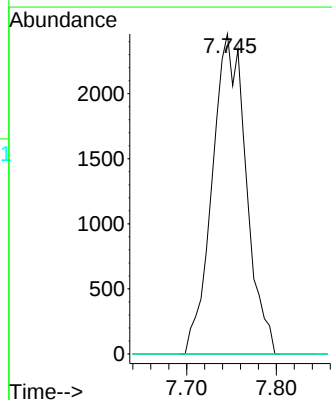
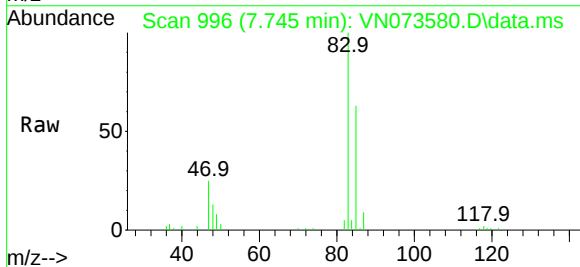
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11F

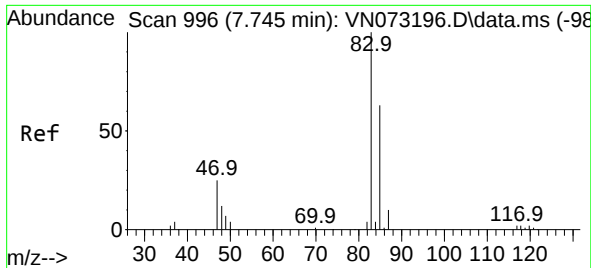
Tgt Ion:	96	Resp:	774
Ion	Ratio	Lower	Upper
96	100		
61	61.8	0.0	280.6
98	27.8	0.0	128.4



#28
 Bromochloromethane
 Concen: 2.664 ug/l
 RT: 7.745 min Scan# 996
 Delta R.T. 0.164 min
 Lab File: VN073580.D
 Acq: 25 Jul 2022 15:33

Tgt Ion:	49	Resp:	6436
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#

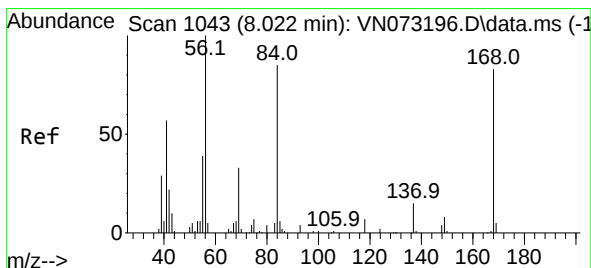
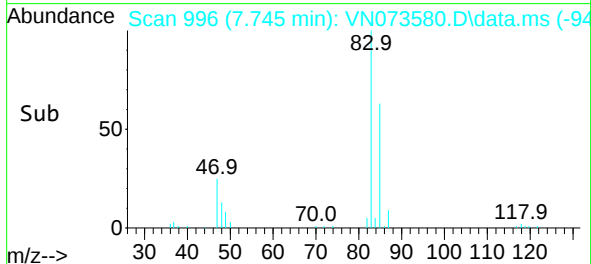
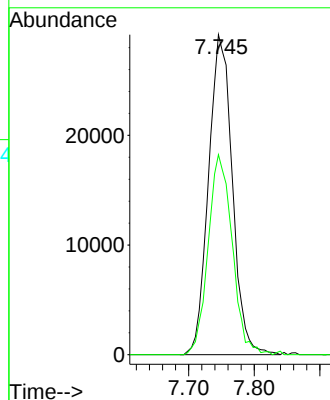
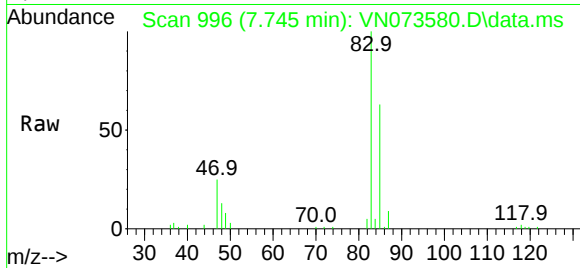




#30
Chloroform
Concen: 12.644 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

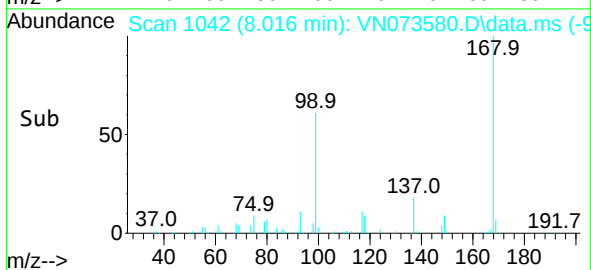
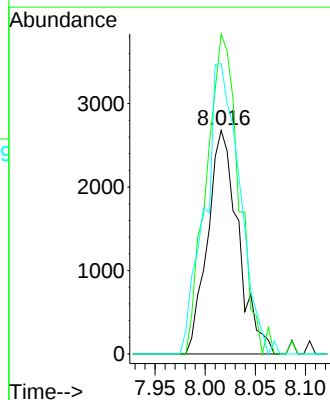
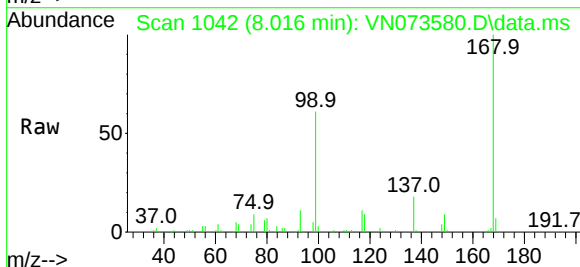
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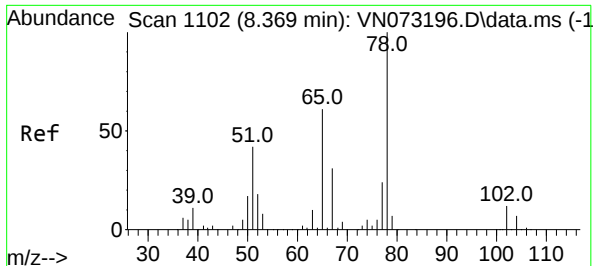
Tgt Ion: 83 Resp: 73467
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8



#31
Cyclohexane
Concen: 0.999 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 143.2 27.8 41.8#
84 129.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.602 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073580.D

Acq: 25 Jul 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

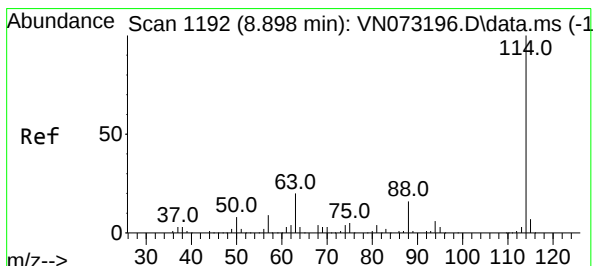
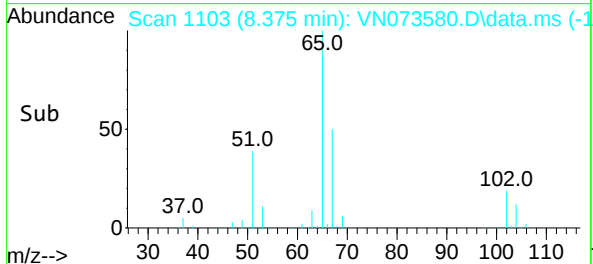
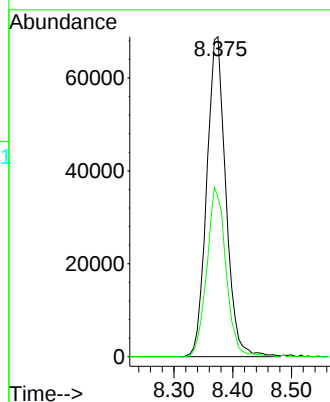
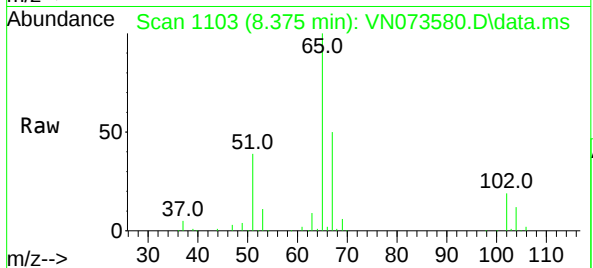
MW-11F

Tgt Ion: 65 Resp: 155116

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073580.D

Acq: 25 Jul 2022 15:33

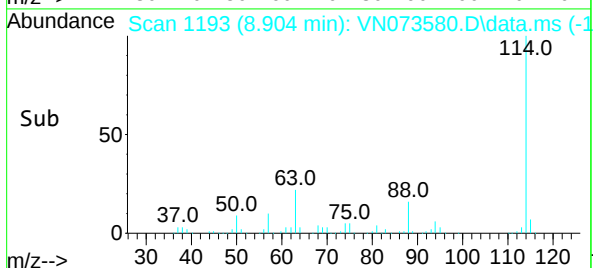
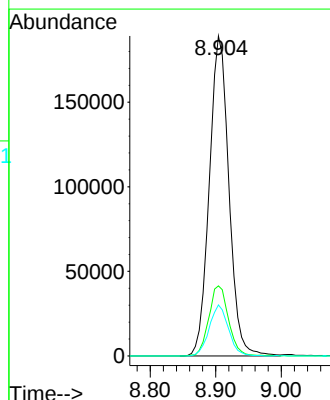
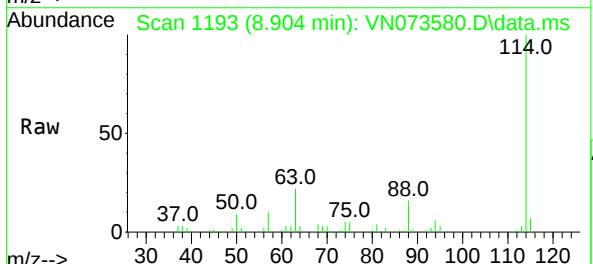
Tgt Ion: 114 Resp: 392973

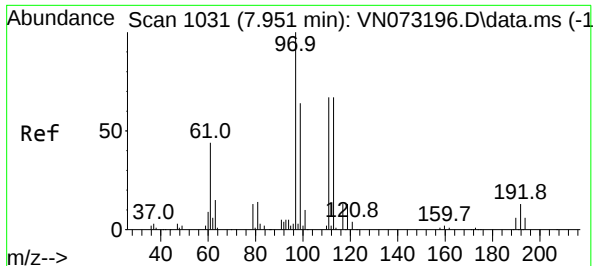
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.9 0.0 32.6

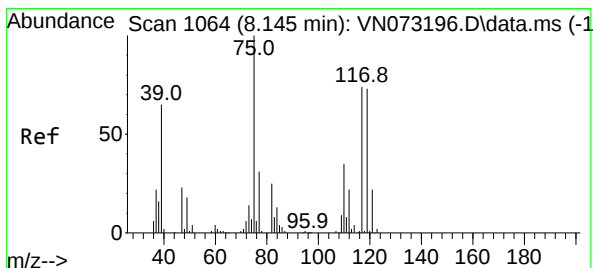
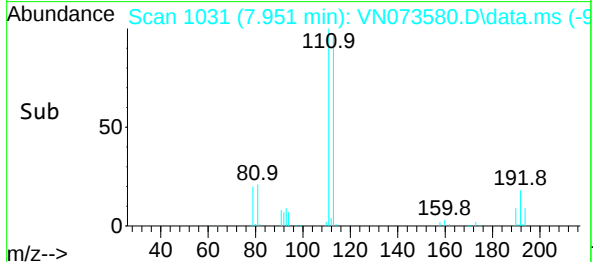
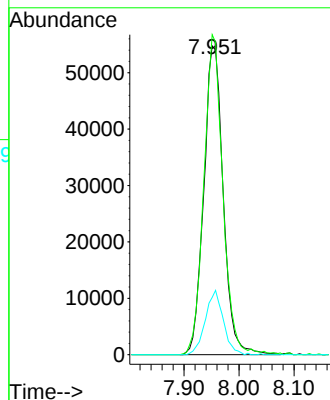
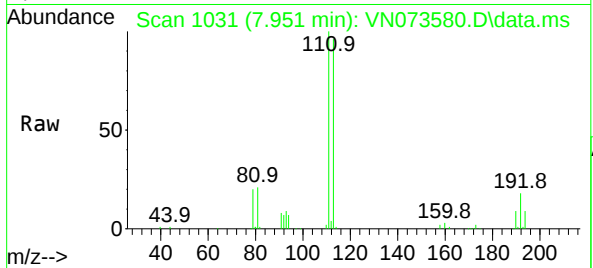




#35
Dibromofluoromethane
Concen: 51.548 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

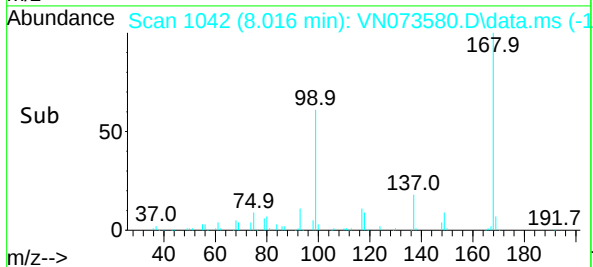
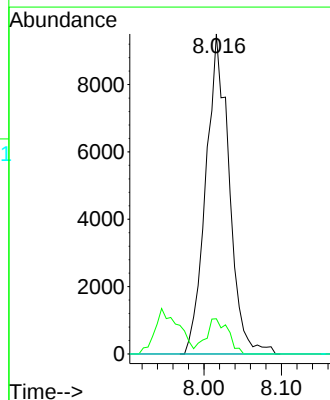
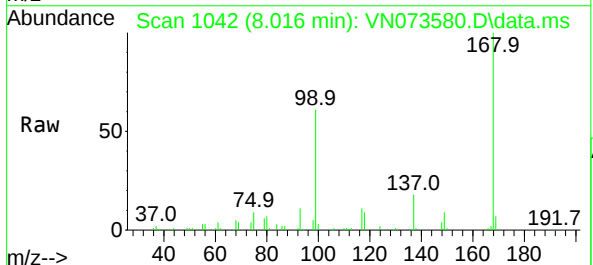
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

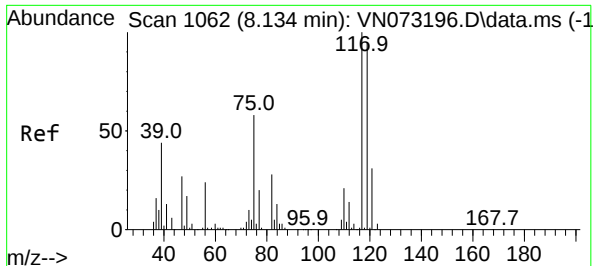
Tgt Ion:113 Resp: 134773
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 75 Resp: 19875
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 25.1 37.7#

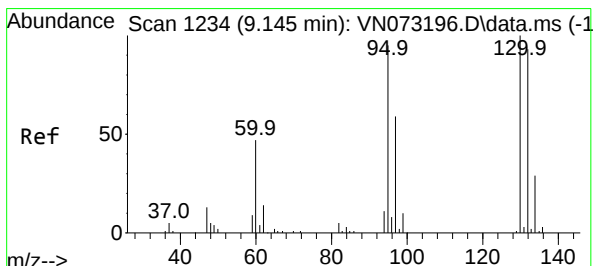
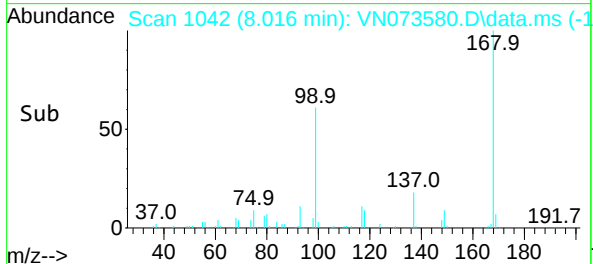
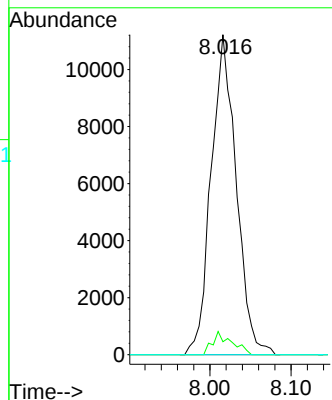
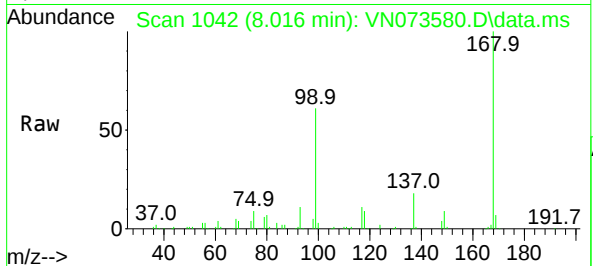




#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

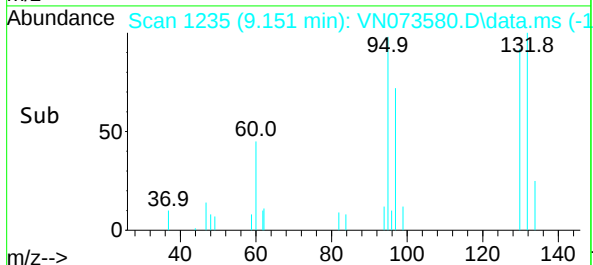
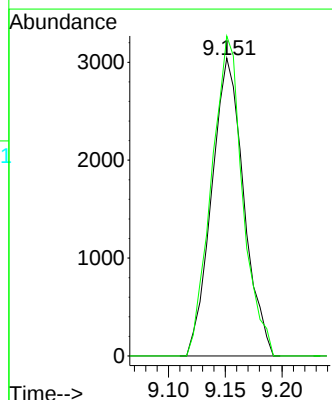
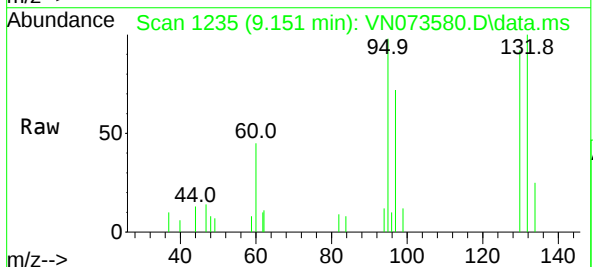
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

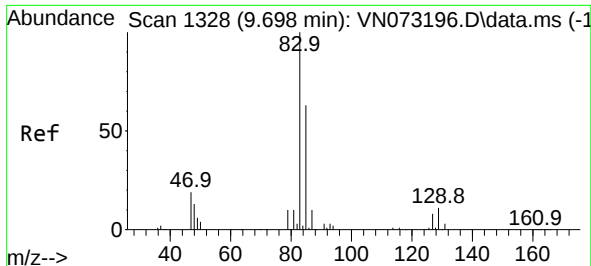
Tgt Ion:117 Resp: 24125
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 1.893 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion:130 Resp: 5982
Ion Ratio Lower Upper
130 100
95 107.4 0.0 186.8





#47

Bromodichloromethane

Concen: 3.164 ug/l

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073580.D

Acq: 25 Jul 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-11F

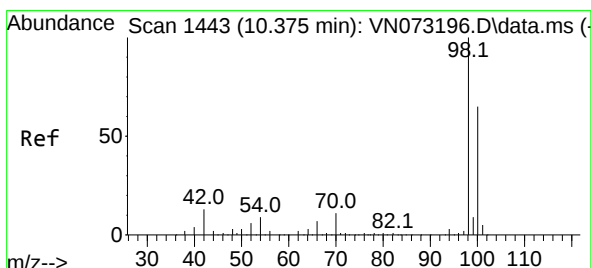
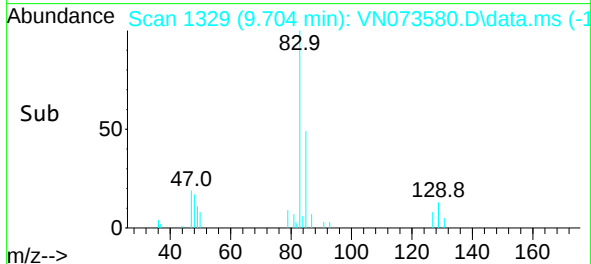
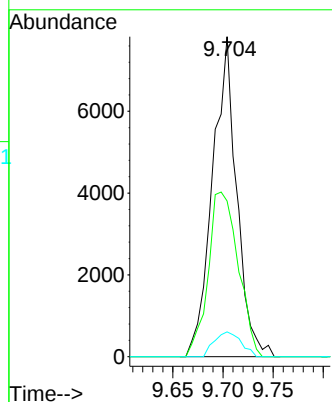
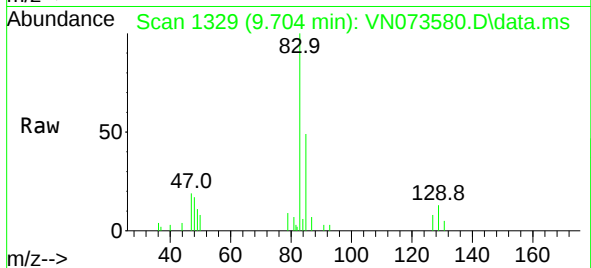
Tgt Ion: 83 Resp: 13166

Ion Ratio Lower Upper

83 100

85 48.6 50.5 75.7#

127 7.8 6.8 10.2



#50

Toluene-d8

Concen: 45.475 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073580.D

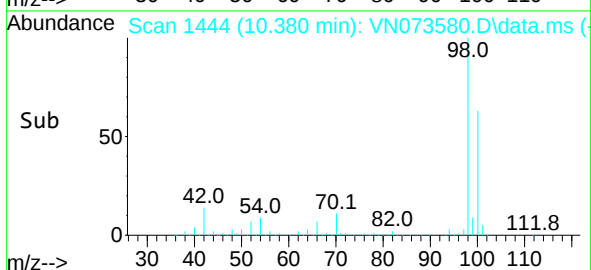
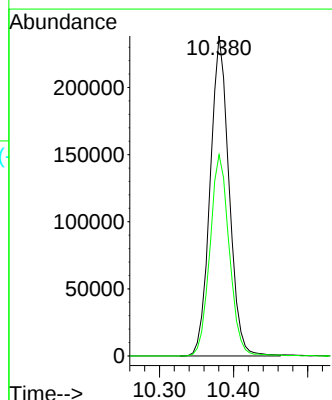
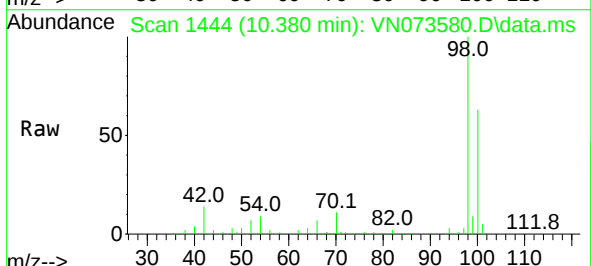
Acq: 25 Jul 2022 15:33

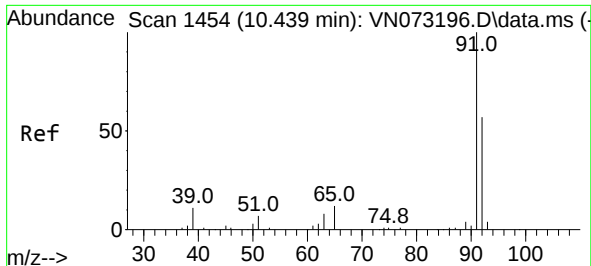
Tgt Ion: 98 Resp: 422274

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

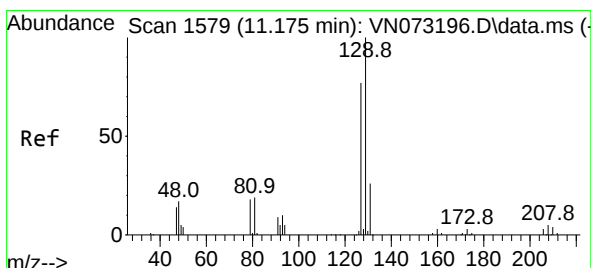
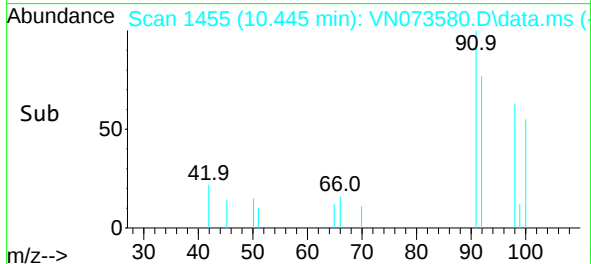
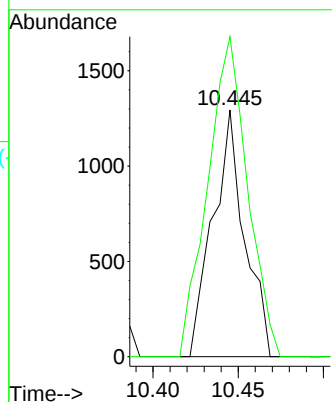
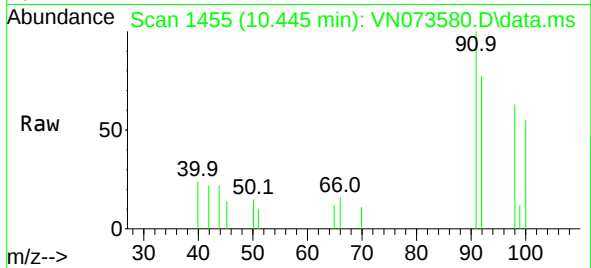




#52
Toluene
Concen: 0.218 ug/l
RT: 10.445 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

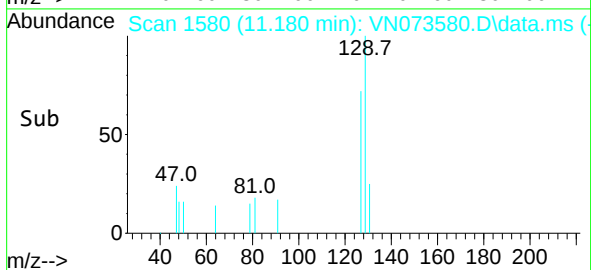
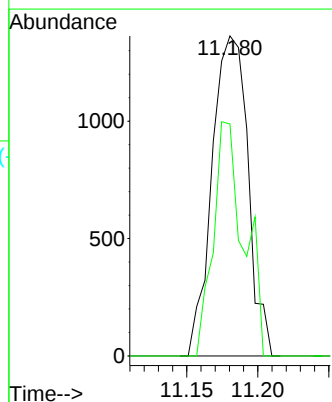
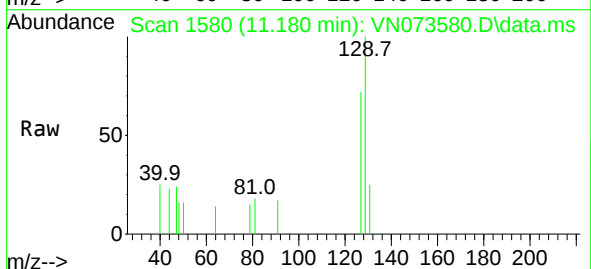
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

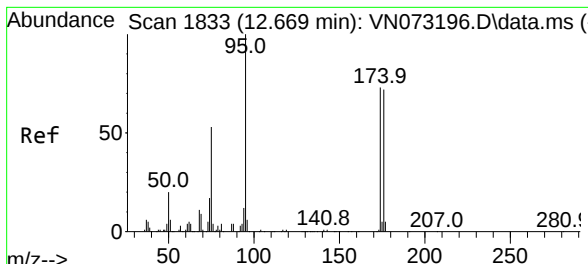
Tgt Ion: 92 Resp: 1672
Ion Ratio Lower Upper
92 100
91 163.5 138.6 207.8



#60
Dibromochloromethane
Concen: 0.796 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 129 Resp: 2397
Ion Ratio Lower Upper
129 100
127 62.2 38.8 116.4

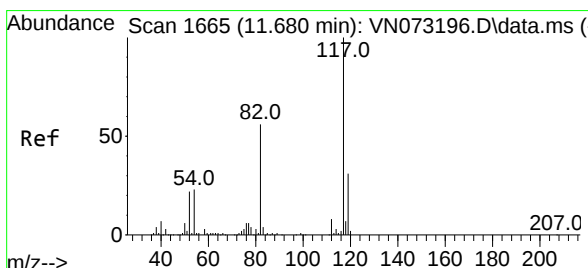
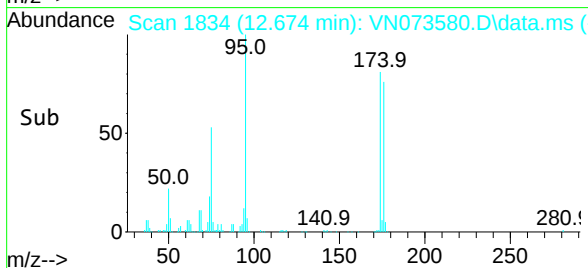
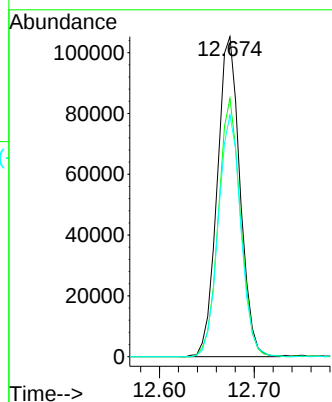
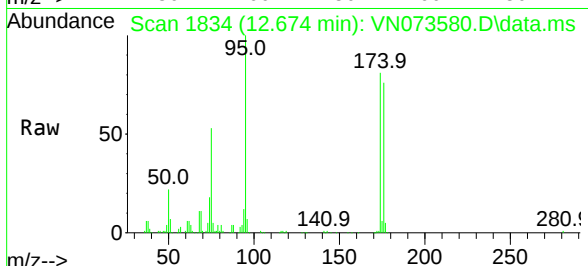




#62
4-Bromofluorobenzene
Concen: 49.325 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

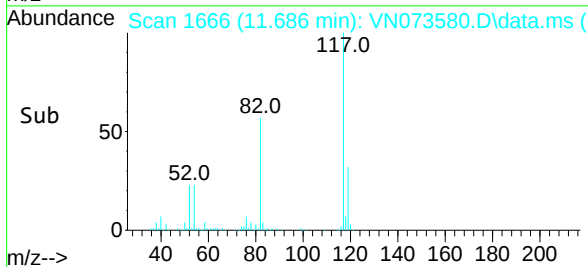
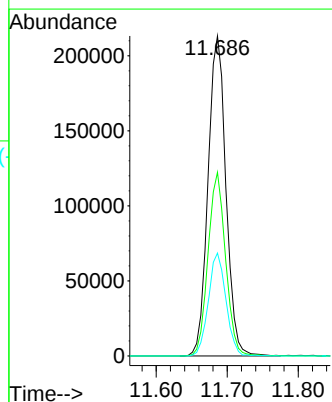
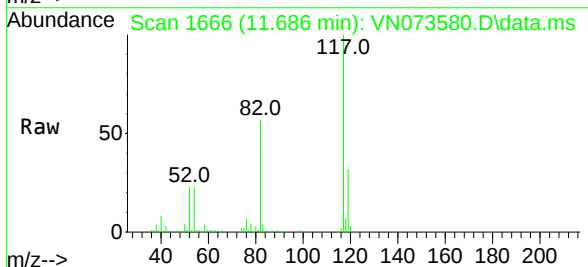
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

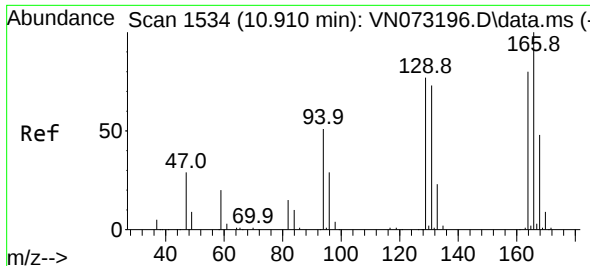
Tgt Ion: 95 Resp: 176018
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 74.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion: 117 Resp: 373553
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.2 25.4 38.0

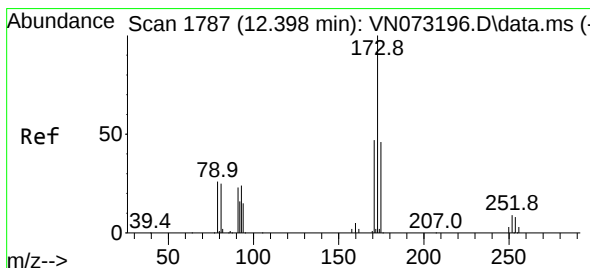
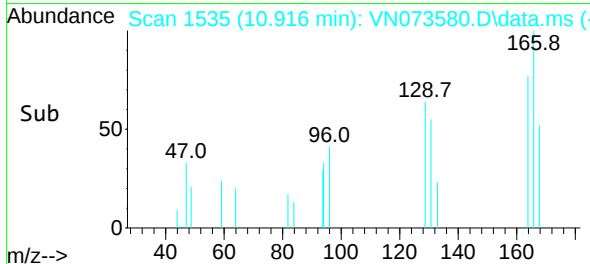
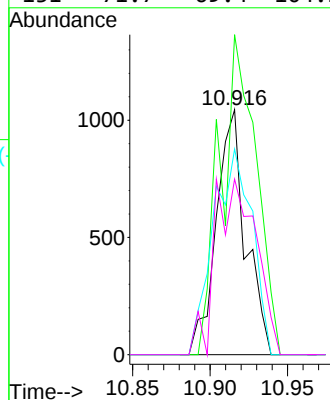
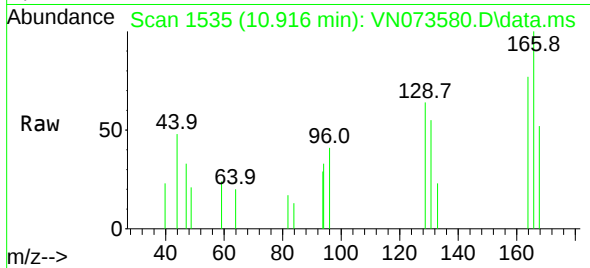




#64
Tetrachloroethene
Concen: 0.451 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

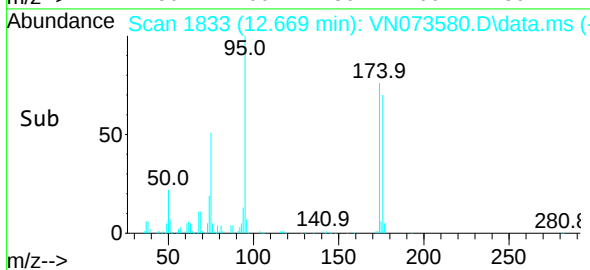
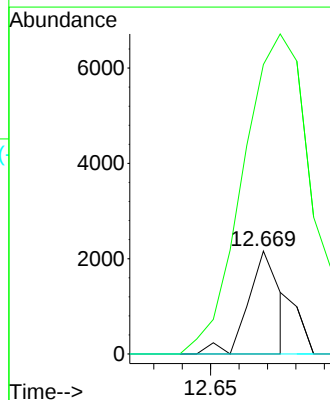
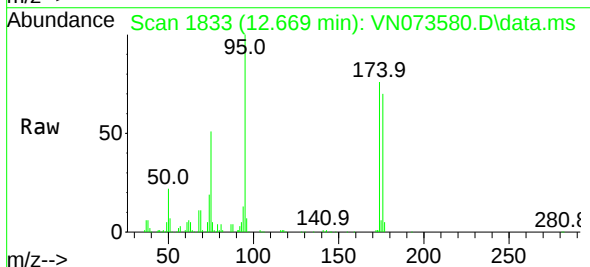
Instrument :
MSVOA_N
ClientSampleId :
MW-11F

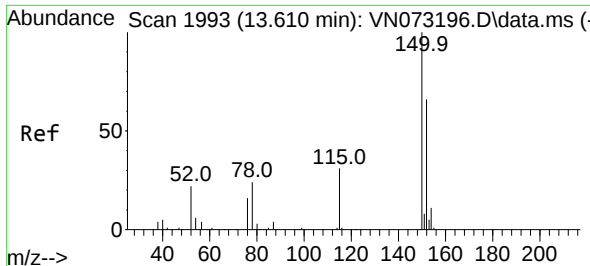
Tgt Ion:164 Resp: 1375
Ion Ratio Lower Upper
164 100
166 130.6 104.2 156.2
129 83.9 73.9 110.9
131 71.7 69.4 104.2



#71
Bromoform
Concen: 0.726 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Tgt Ion:173 Resp: 1651
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

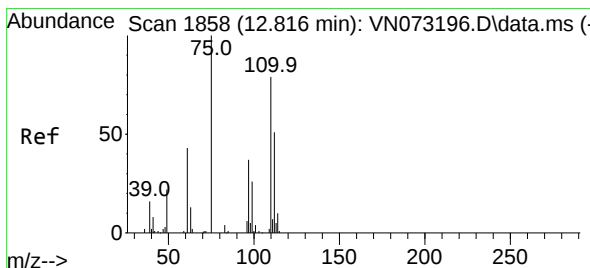
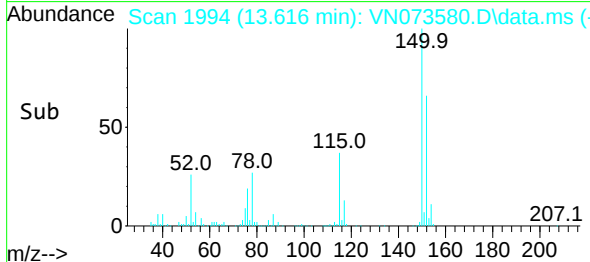
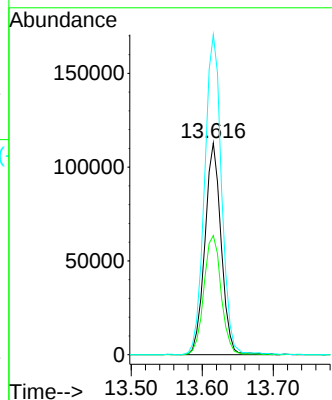
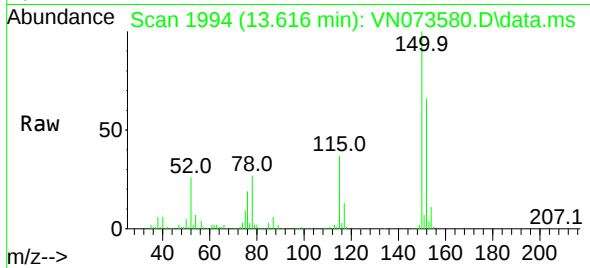




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073580.D
 Acq: 25 Jul 2022 15:33

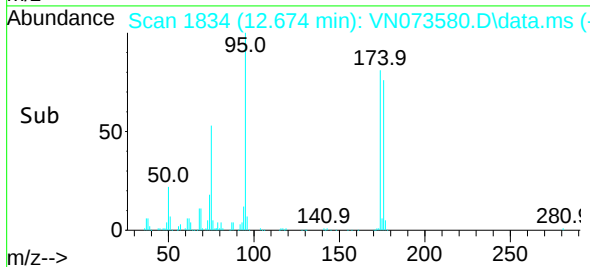
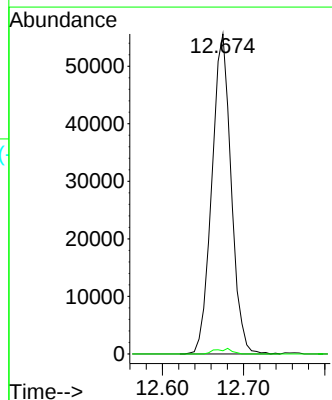
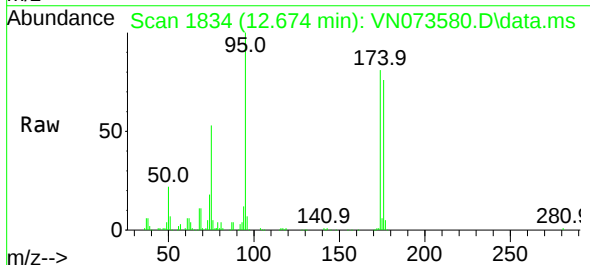
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11F

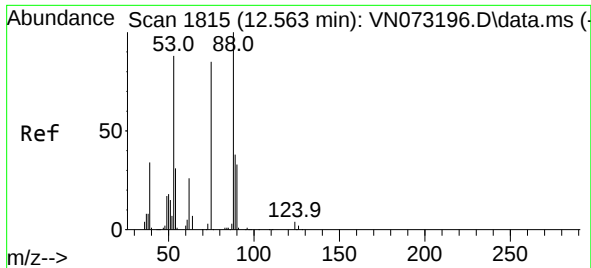
Tgt Ion:152 Resp: 179895
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.9 86.7
 150 158.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.491 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073580.D
 Acq: 25 Jul 2022 15:33

Tgt Ion: 75 Resp: 91685
 Ion Ratio Lower Upper
 75 100
 77 1.5 98.5 295.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.454 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN073580.D
Acq: 25 Jul 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
MW-11F

Tgt Ion: 75 Resp: 91685
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

