

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071733.D
 Acq On : 01 Apr 2022 03:39
 Operator : JC\MD
 Sample : N2090-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-57

Quant Time: Apr 01 06:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

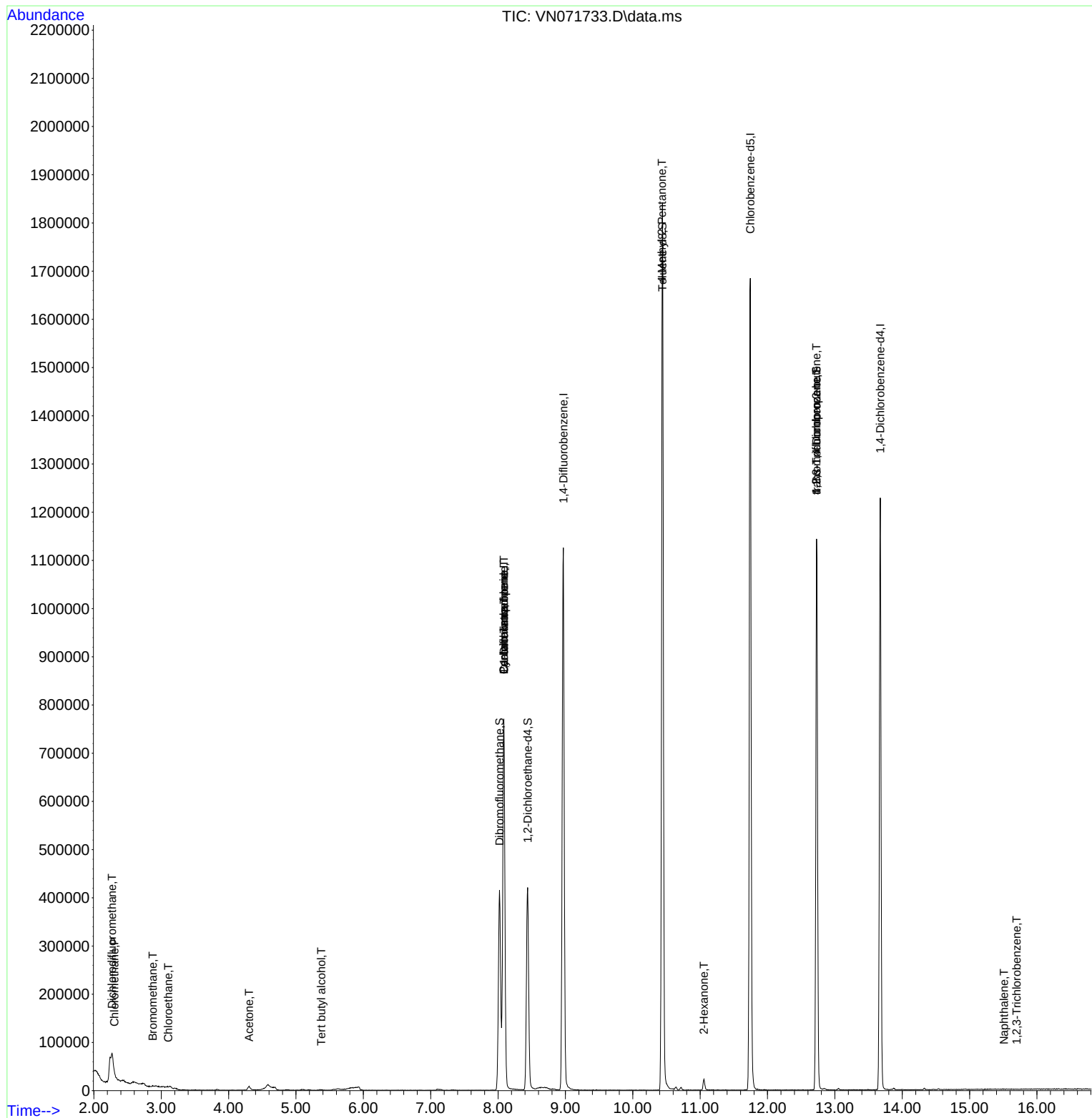
Internal Standards						
1) Pentafluorobenzene	8.086	168	625166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1061507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1067428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	357612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	359894	50.427	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.860%	
35) Dibromofluoromethane	8.022	113	305053	48.837	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.680%	
50) Toluene-d8	10.439	98	1328357	51.986	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.727	95	416620	50.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.269	85	1427	0.287	ug/l	89
3) Chloromethane	2.304	50	2175	0.345	ug/l #	81
5) Bromomethane	2.875	94	1489	0.331	ug/l #	77
6) Chloroethane	3.104	64	5928	1.191	ug/l #	42
11) Tert butyl alcohol	5.375	59	2274	1.963	ug/l #	87
16) Acetone	4.304	43	11557	3.789	ug/l	96
18) Methyl Acetate	4.863	43	2539	Below Cal	#	70
31) Cyclohexane	8.086	56	11055	1.139	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	43343	4.969	ug/l #	48
38) Carbon Tetrachloride	8.086	117	55910	6.540	ug/l #	17
51) 4-Methyl-2-Pentanone	10.433	43	4932	0.540	ug/l #	1
59) 2-Hexanone	11.057	43	18120	2.819	ug/l #	21
76) 1,2,3-Trichloropropane	12.727	75	203981	24.622	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	203981	76.304	ug/l #	10
95) Naphthalene	15.509	128	552	3.834	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	61	2.425	ug/l #	12

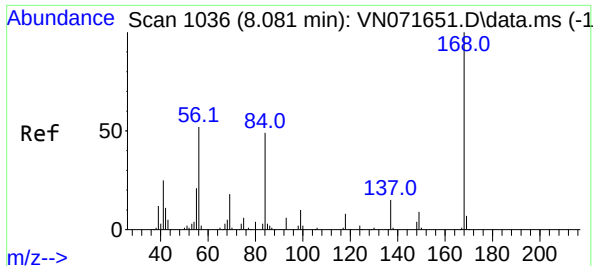
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
Data File : VN071733.D
Acq On : 01 Apr 2022 03:39
Operator : JC\MD
Sample : N2090-13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-57

Quant Time: Apr 01 06:05:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

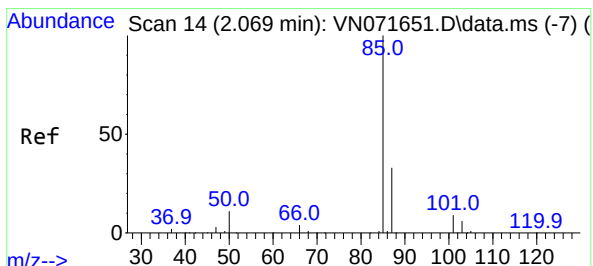
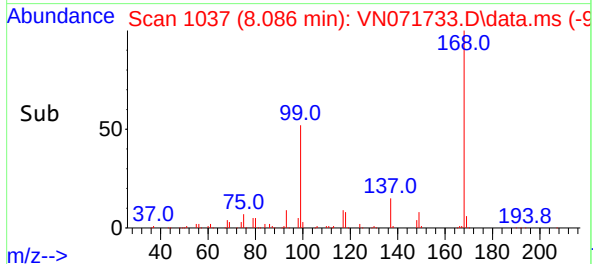
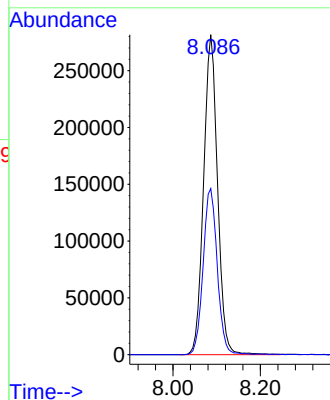
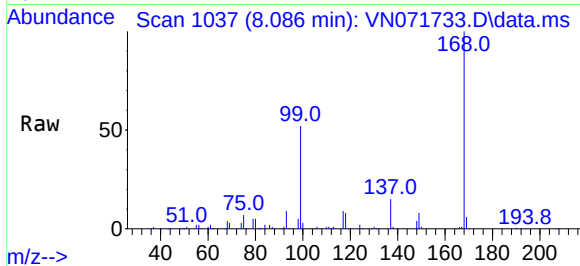




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

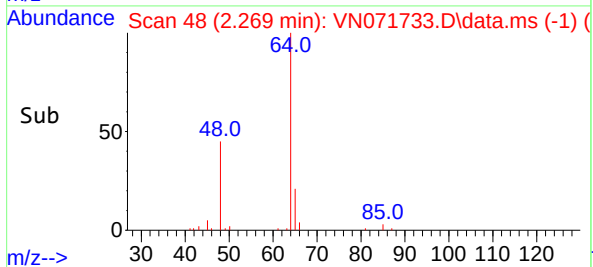
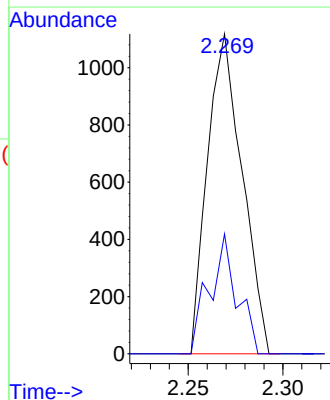
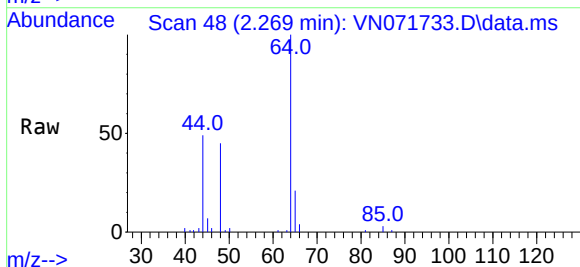
Instrument :
MSVOA_N
ClientSampleId :
MW-57

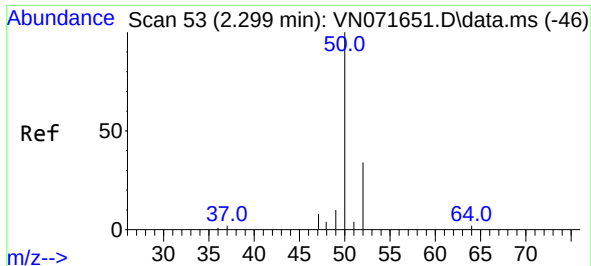
Tgt Ion:168 Resp: 625166
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.287 ug/l
RT: 2.269 min Scan# 48
Delta R.T. 0.200 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 85 Resp: 1427
Ion Ratio Lower Upper
85 100
87 37.5 15.7 47.1

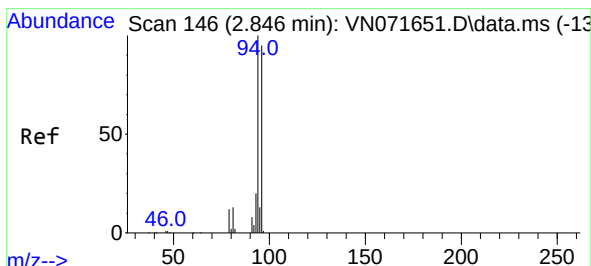
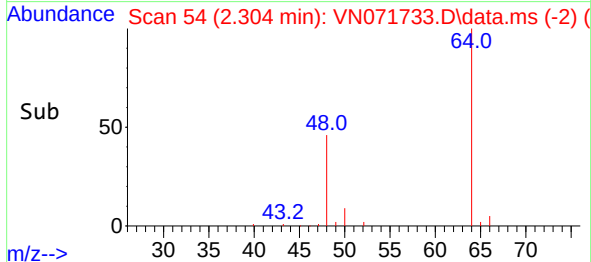
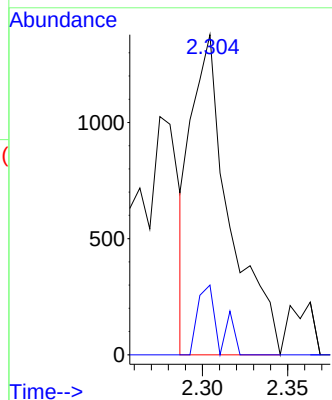
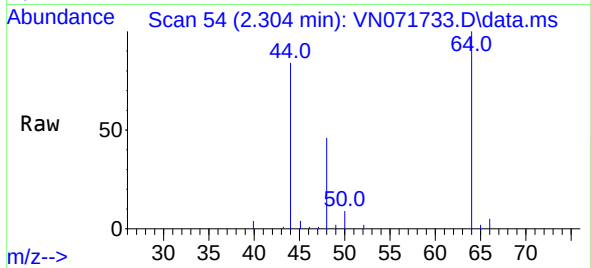




#3
Chloromethane
Concen: 0.345 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

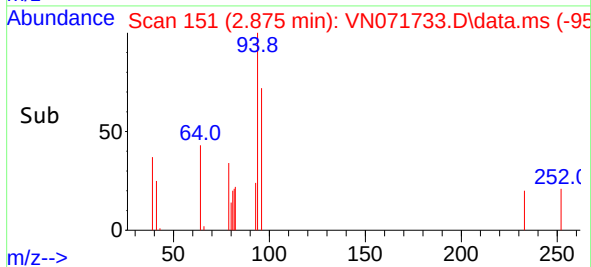
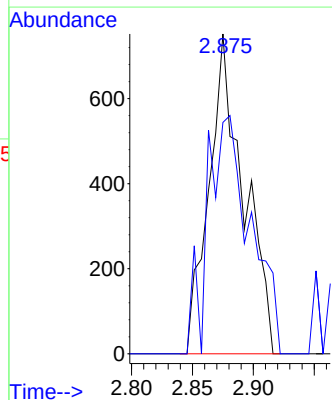
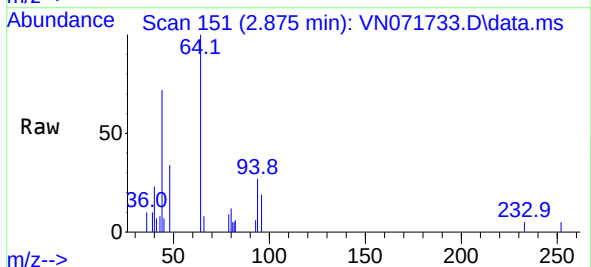
Instrument :
MSVOA_N
ClientSampleId :
MW-57

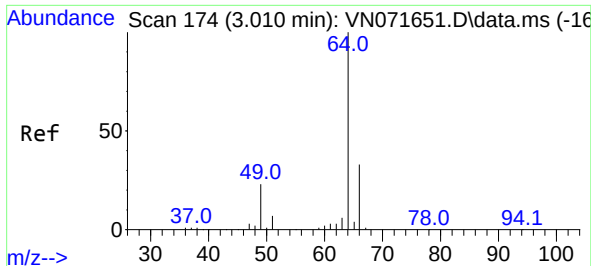
Tgt Ion: 50 Resp: 2175
Ion Ratio Lower Upper
50 100
52 21.8 25.7 38.5#



#5
Bromomethane
Concen: 0.331 ug/l
RT: 2.875 min Scan# 151
Delta R.T. 0.029 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 94 Resp: 1489
Ion Ratio Lower Upper
94 100
96 72.3 76.0 114.0#

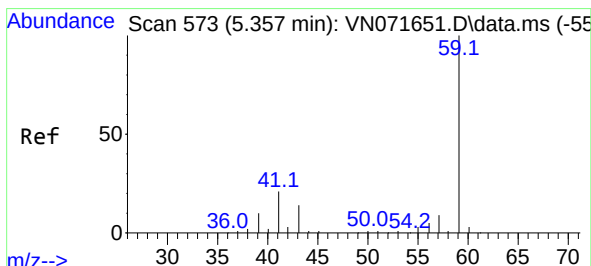
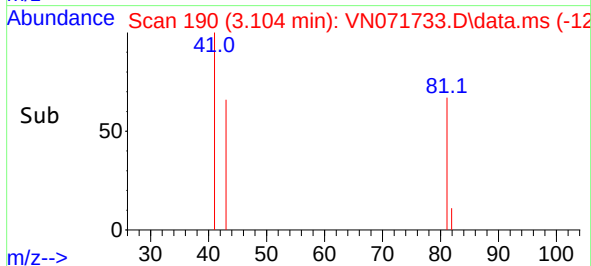
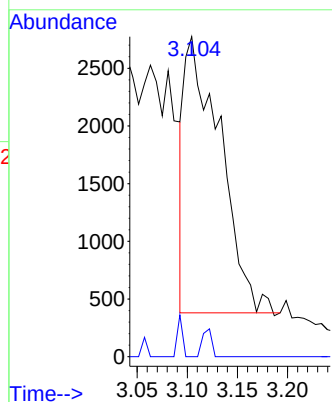
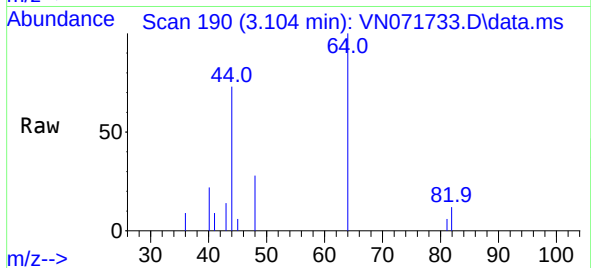




#6
Chloroethane
Concen: 1.191 ug/l
RT: 3.104 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

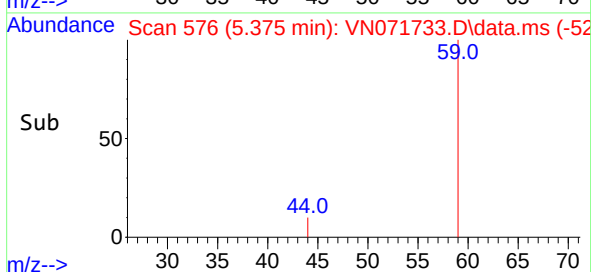
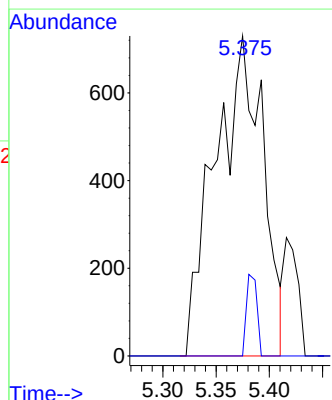
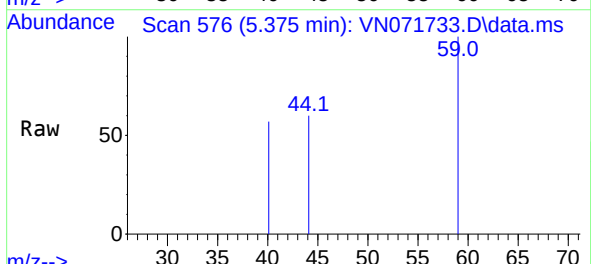
Instrument :
MSVOA_N
ClientSampleId :
MW-57

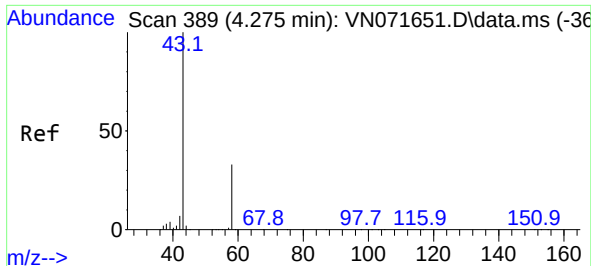
Tgt Ion: 64 Resp: 5928
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.963 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.018 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 59 Resp: 2274
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5#

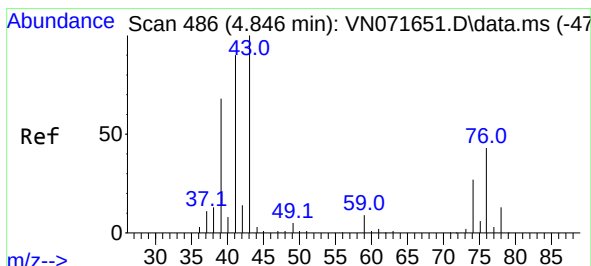
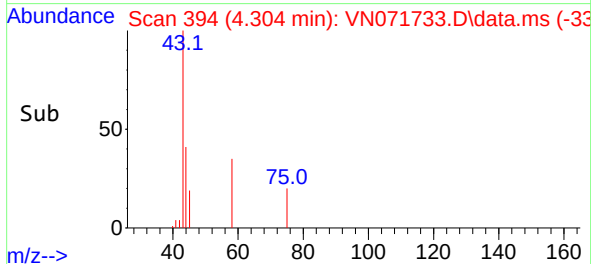
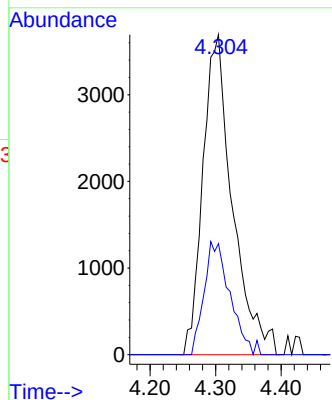
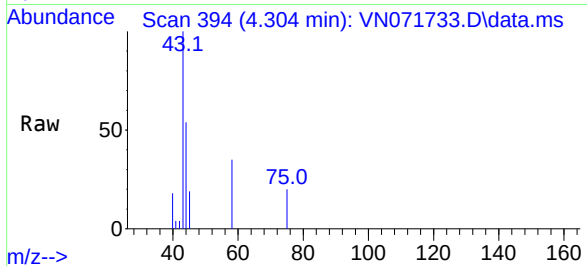




#16
Acetone
Concen: 3.789 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

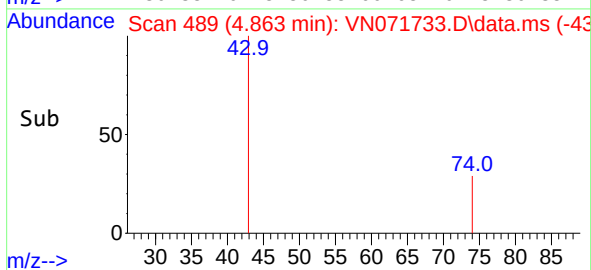
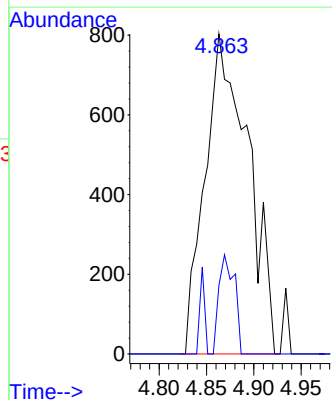
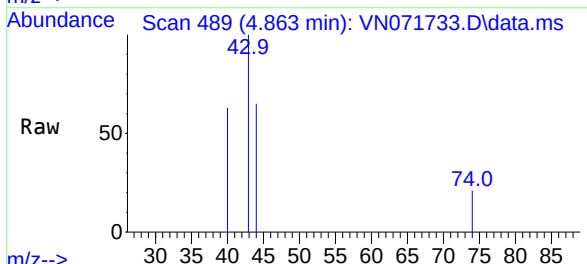
Instrument :
MSVOA_N
ClientSampleId :
MW-57

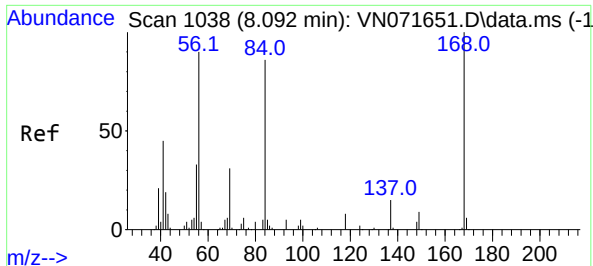
Tgt Ion: 43 Resp: 11557
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
74 11.2 21.6 32.4#

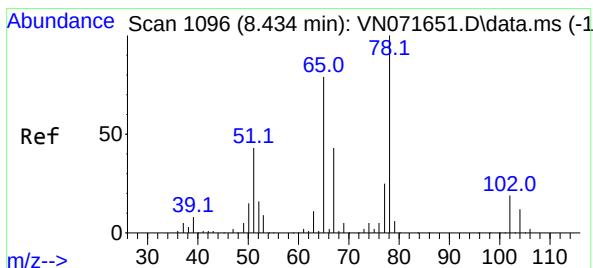
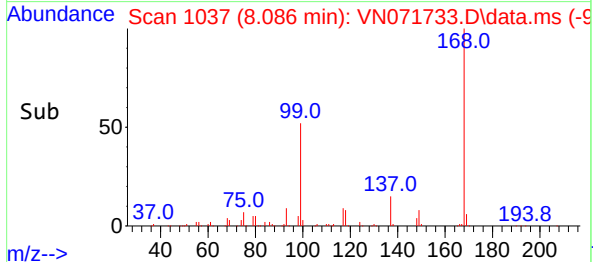
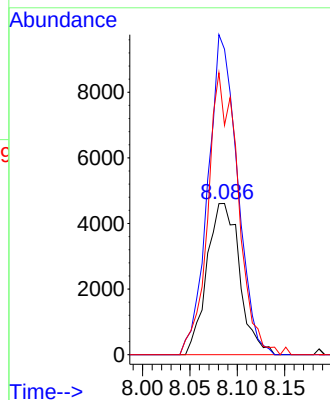
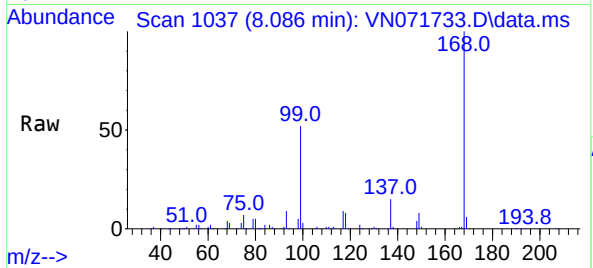




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

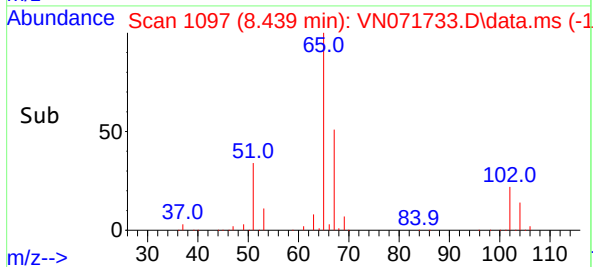
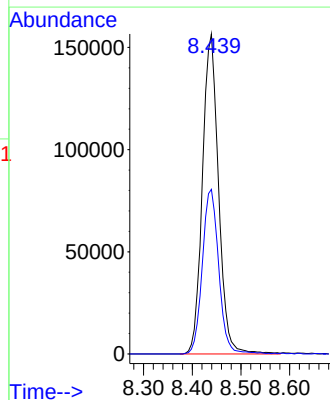
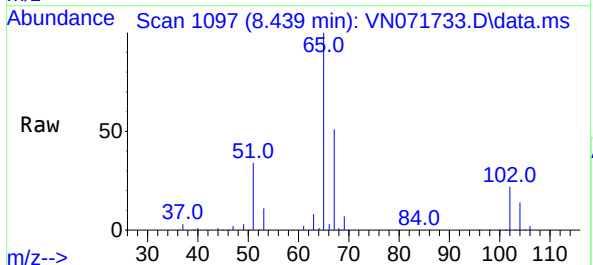
Instrument :
MSVOA_N
ClientSampleId :
MW-57

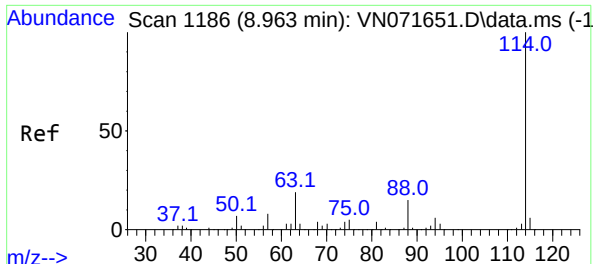
Tgt Ion: 56 Resp: 11055
Ion Ratio Lower Upper
56 100
69 202.0 27.8 41.8#
84 151.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.427 ug/l
RT: 8.439 min Scan# 1097
Delta R.T. 0.005 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 65 Resp: 359894
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071733.D

Acq: 01 Apr 2022 03:39

Instrument :

MSVOA_N

ClientSampleId :

MW-57

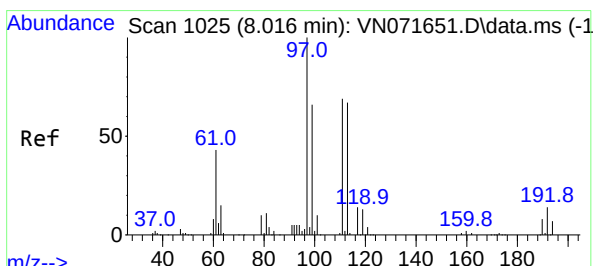
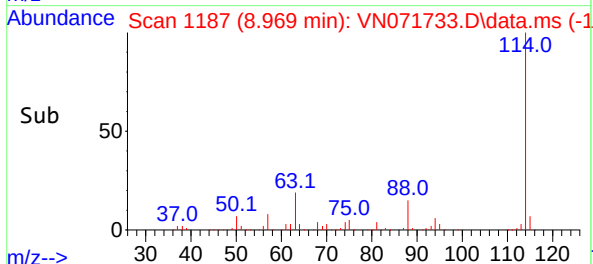
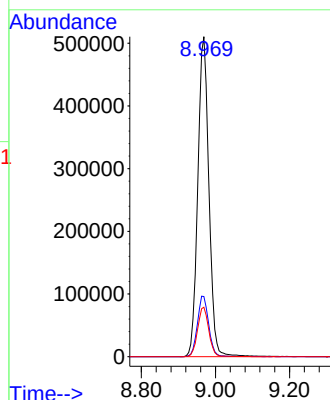
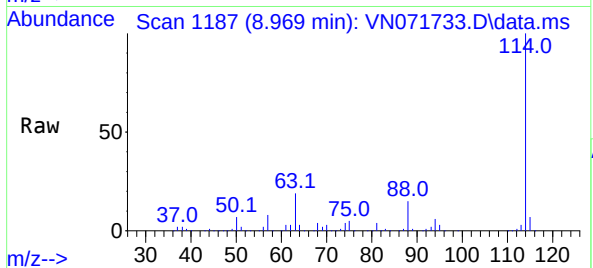
Tgt Ion:114 Resp: 1061507

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.837 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071733.D

Acq: 01 Apr 2022 03:39

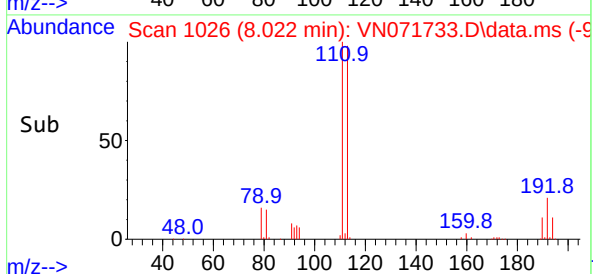
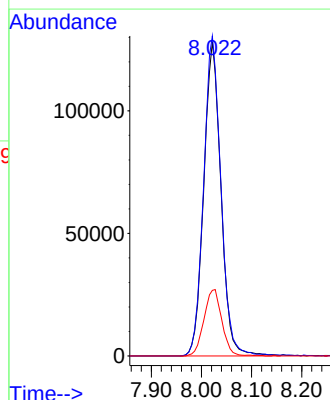
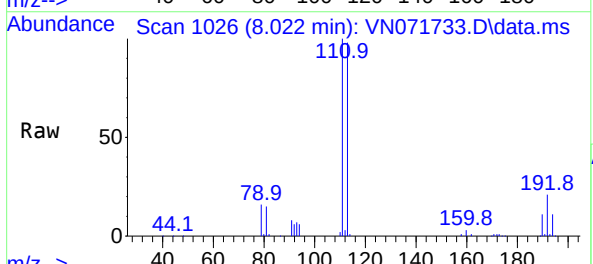
Tgt Ion:113 Resp: 305053

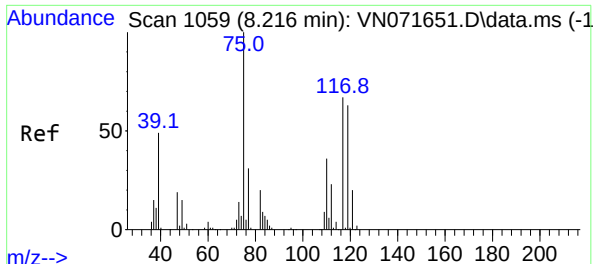
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 22.1 17.0 25.6

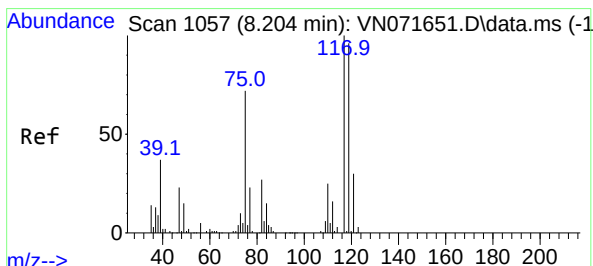
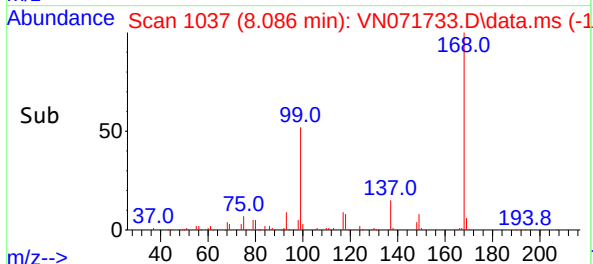
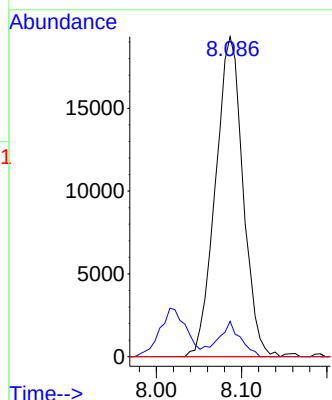
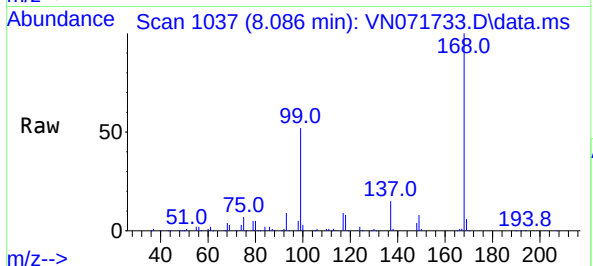




#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

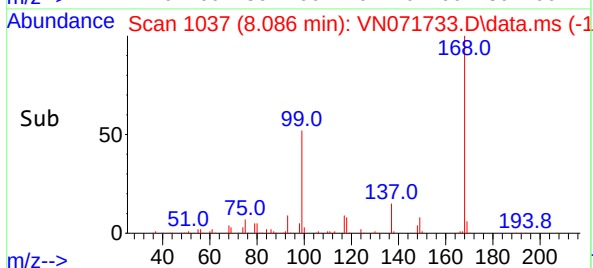
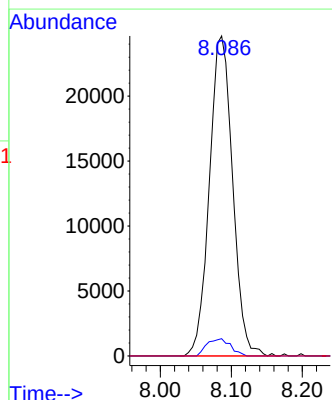
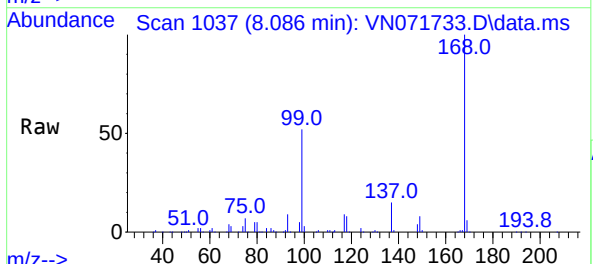
Instrument :
MSVOA_N
ClientSampleId :
MW-57

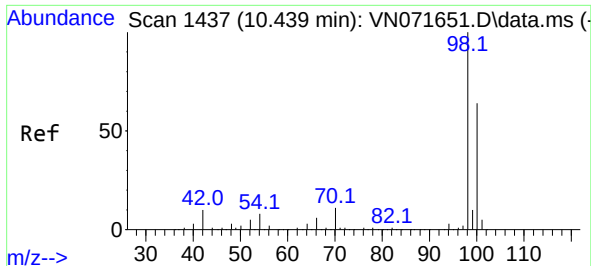
Tgt Ion: 75 Resp: 43343
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 117 Resp: 55910
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#

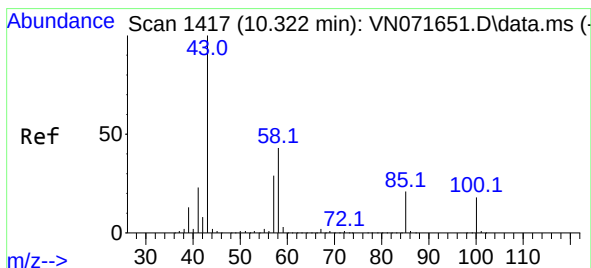
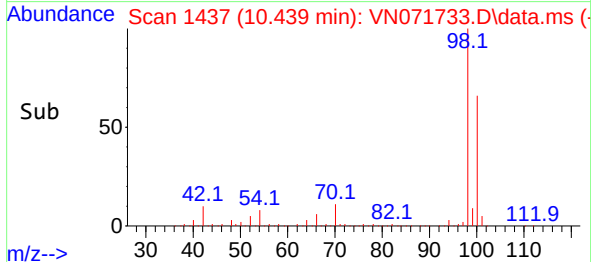
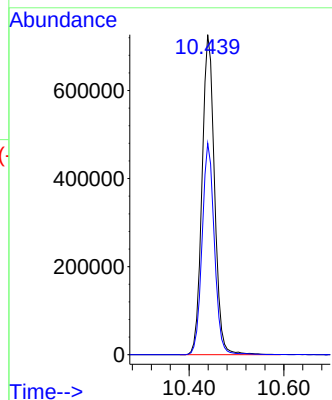
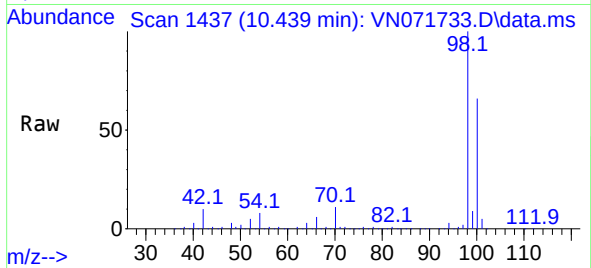




#50
Toluene-d8
Concen: 51.986 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

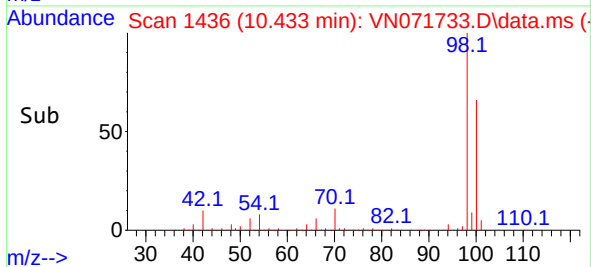
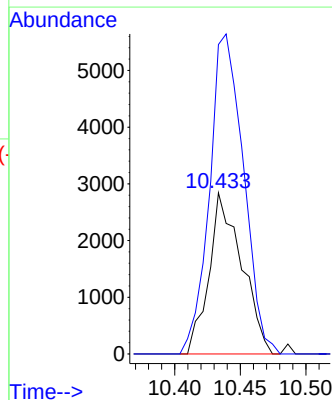
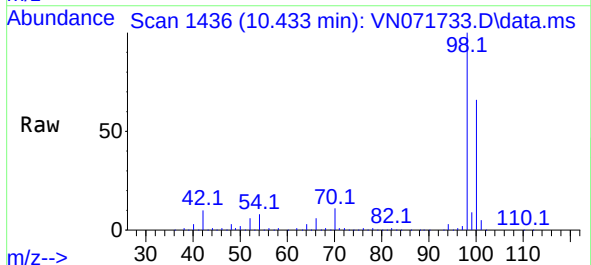
Instrument :
MSVOA_N
ClientSampleId :
MW-57

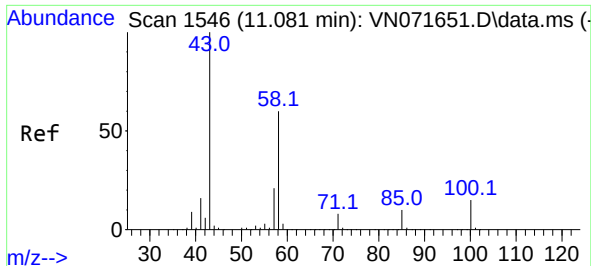
Tgt Ion: 98 Resp: 1328357
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.111 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 43 Resp: 4932
Ion Ratio Lower Upper
43 100
58 206.3 34.1 51.1#

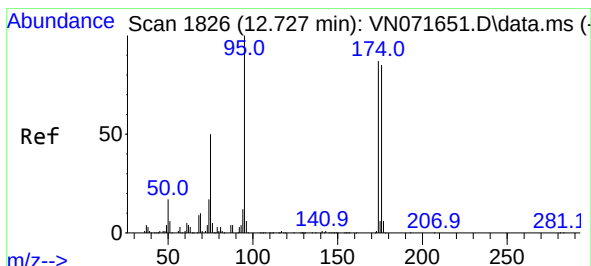
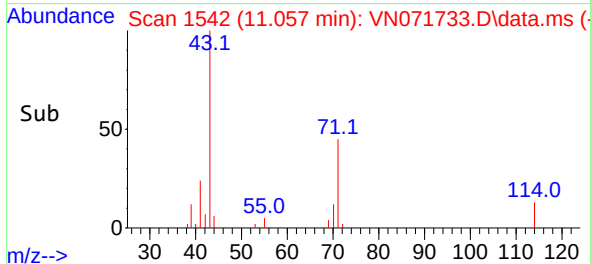
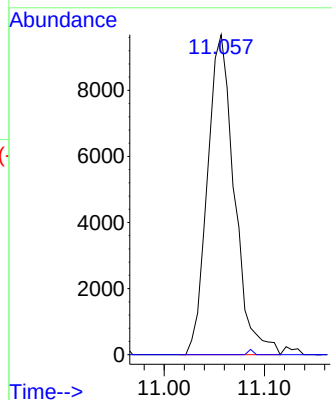
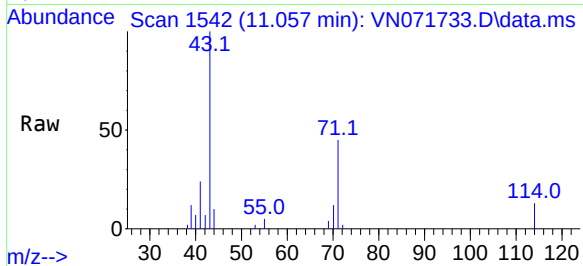




#59
2-Hexanone
Concen: 2.819 ug/l
RT: 11.057 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

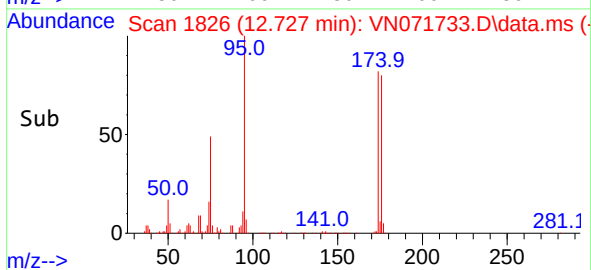
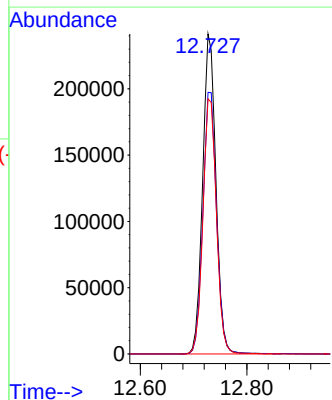
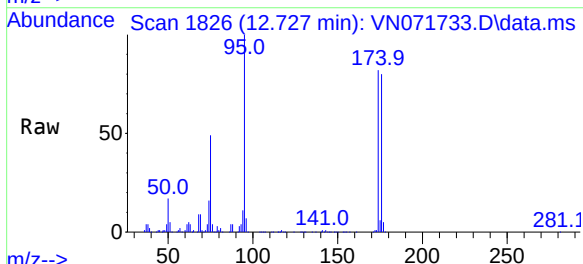
Instrument :
MSVOA_N
ClientSampleId :
MW-57

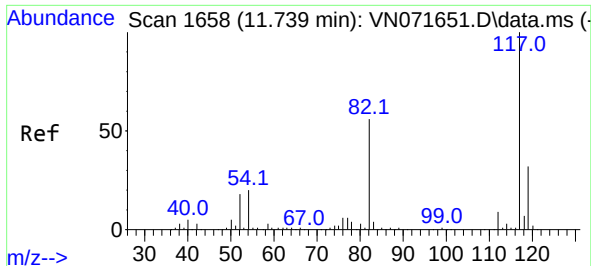
Tgt Ion: 43 Resp: 18120
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 50.414 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 95 Resp: 416620
Ion Ratio Lower Upper
95 100
174 83.8 0.0 167.6
176 81.2 0.0 163.4



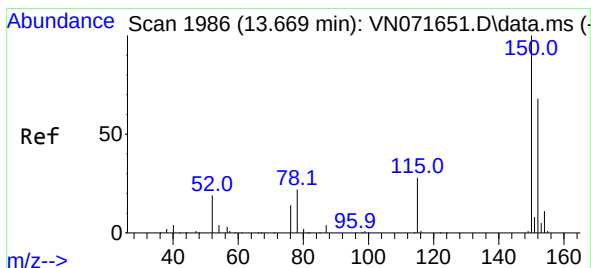
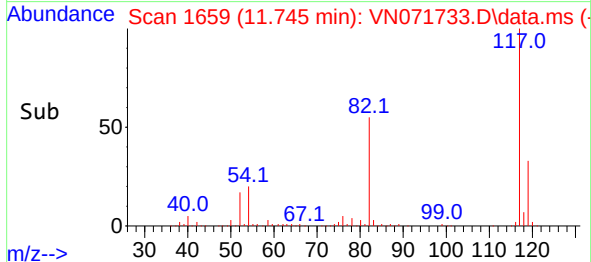
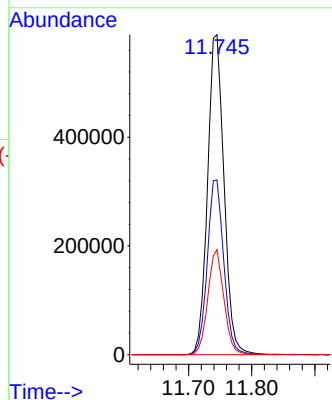
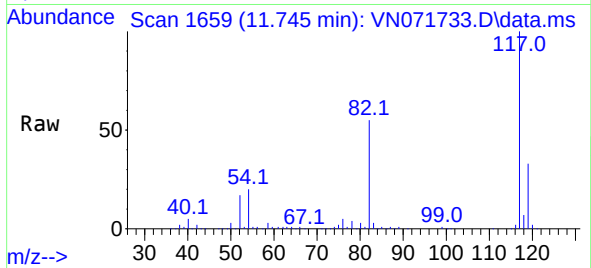


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Instrument :
MSVOA_N
ClientSampleId :
MW-57

Tgt Ion:117 Resp: 1067428

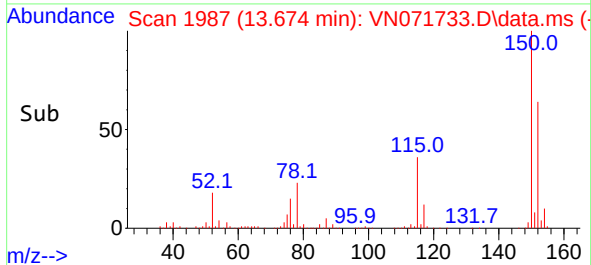
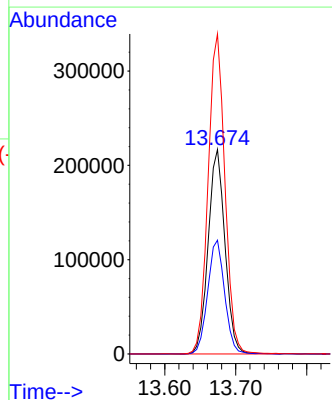
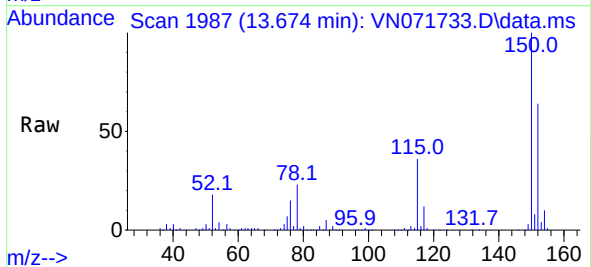
Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.2
119	32.9	25.4	38.0

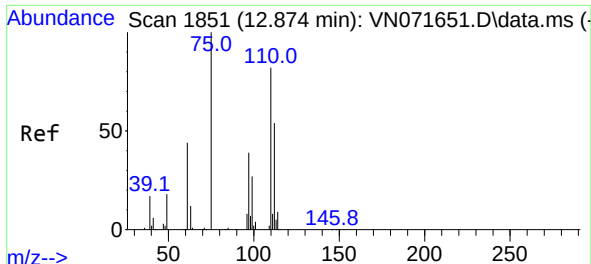


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion:152 Resp: 357612

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.9	86.7
150	156.2	0.0	356.2

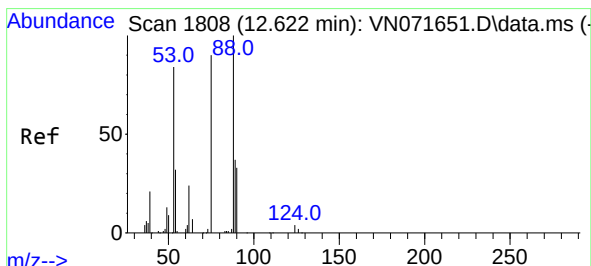
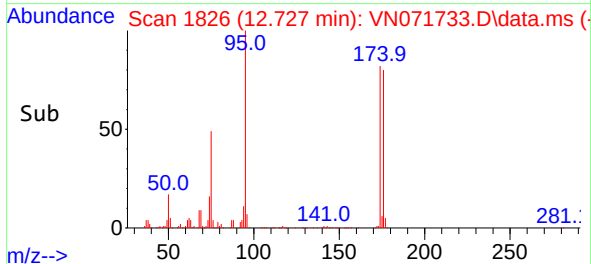
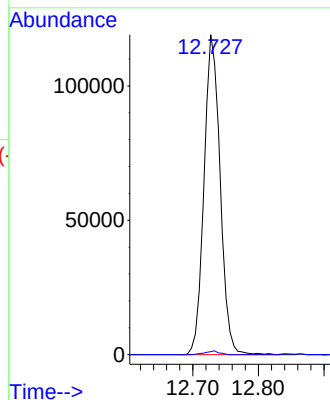
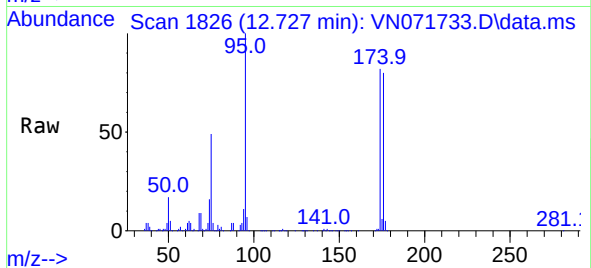




#76
1,2,3-Trichloropropane
Concen: 24.622 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

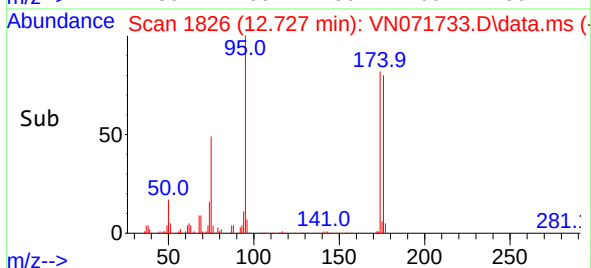
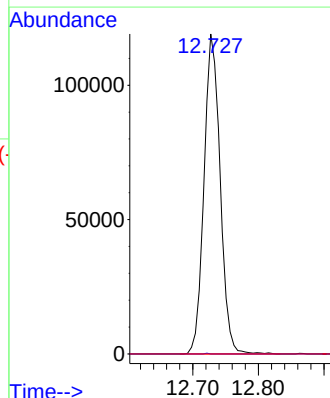
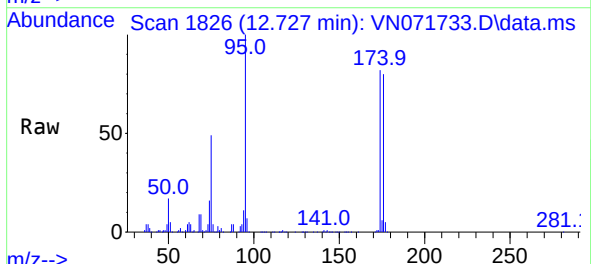
Instrument :
MSVOA_N
ClientSampleId :
MW-57

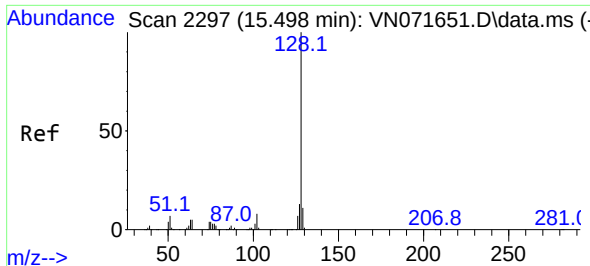
Tgt Ion: 75 Resp: 203981
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.304 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion: 75 Resp: 203981
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

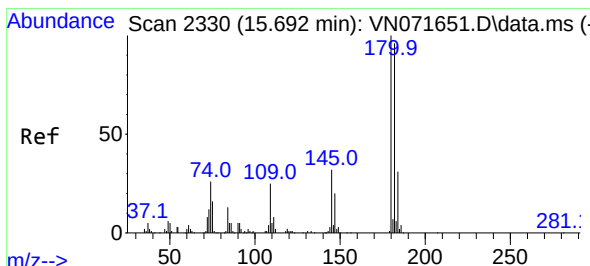
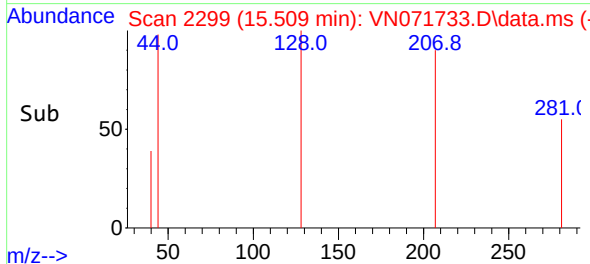
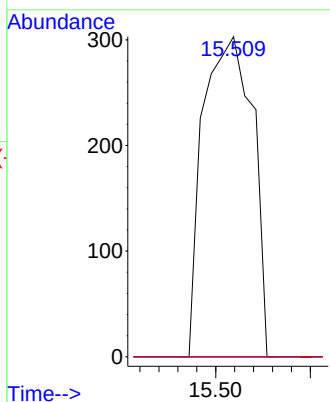
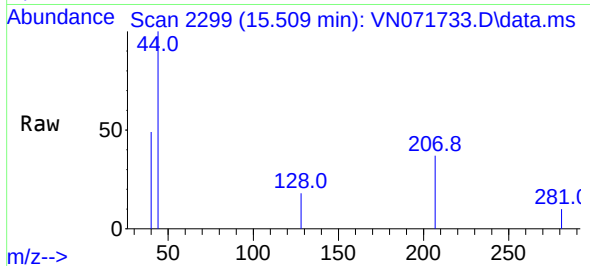




#95
Naphthalene
Concen: 3.834 ug/l
RT: 15.509 min Scan# 2111
Delta R.T. 0.011 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Instrument :
MSVOA_N
ClientSampleId :
MW-57

Tgt Ion:	128	Resp:	552
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.425 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071733.D
Acq: 01 Apr 2022 03:39

Tgt Ion:	180	Resp:	61
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

