

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077833.D
 Acq On : 24 May 2023 02:14
 Operator : JC\MD
 Sample : PB152982TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982TB

Quant Time: May 24 05:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	407435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	726315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	662854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267465	43.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.740%
35) Dibromofluoromethane	8.177	113	231291	48.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.576	98	912952	50.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.859	95	288662	44.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	957	Below Cal		91
5) Bromomethane	2.983	94	2295	0.531	ug/l	91
10) Methyl Iodide	4.594	142	1585	0.295	ug/l #	61
11) Tert butyl alcohol	5.541	59	556	0.661	ug/l #	72
13) Acrolein	4.194	56	720	Below Cal	#	31
16) Acetone	4.441	43	28475	14.846	ug/l #	86
18) Methyl Acetate	5.059	43	4390	0.546	ug/l	91
20) Methylene Chloride	5.294	84	24332	3.018	ug/l #	94
25) 2-Butanone	7.500	43	8971	2.990	ug/l #	77
29) Tetrahydrofuran	7.847	42	822	0.418	ug/l #	56
31) Cyclohexane	8.235	56	8995	1.086	ug/l #	2
36) 1,1-Dichloropropene	8.235	75	34310	4.953	ug/l #	48
37) Ethyl Acetate	7.571	43	66332	10.743	ug/l	96
38) Carbon Tetrachloride	8.229	117	45505	6.505	ug/l #	16
42) 1,2-Dichloroethane	8.694	62	2036	0.274	ug/l #	73
43) Isopropyl Acetate	8.694	43	280731	27.835	ug/l #	85
48) Methyl methacrylate	9.665	41	7205	1.507	ug/l #	3
49) 1,4-Dioxane	9.706	88	72	0.797	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	11337	1.891	ug/l #	86
52) Toluene	10.635	92	6017	0.473	ug/l	89
54) cis-1,3-Dichloropropene	10.365	75	116322	13.954	ug/l #	67
57) 1,3-Dichloropropane	11.212	76	13330	1.539	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.171	63	2739	0.729	ug/l #	68
59) 2-Hexanone	11.176	43	240125	54.153	ug/l #	19
74) N-amyl acetate	12.500	43	5777	0.830	ug/l #	44
76) 1,2,3-Trichloropropane	12.853	75	154878	28.325	ug/l #	1
77) Bromobenzene	12.988	156	984	0.229	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.853	75	154878	90.541	ug/l #	15
82) 4-Chlorotoluene	13.235	91	2948	0.224	ug/l	95
87) 1,3-Dichlorobenzene	13.747	146	2824	0.356	ug/l	86
88) 1,4-Dichlorobenzene	13.747	146	2824	0.358	ug/l	88
91) 1,2-Dichlorobenzene	14.117	146	1878	0.253	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.735	75	302	0.269	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.405	180	2851	0.657	ug/l	78
94) Hexachlorobutadiene	15.505	225	471	0.262	ug/l	67
95) Naphthalene	15.653	128	8283	0.555	ug/l #	97

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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

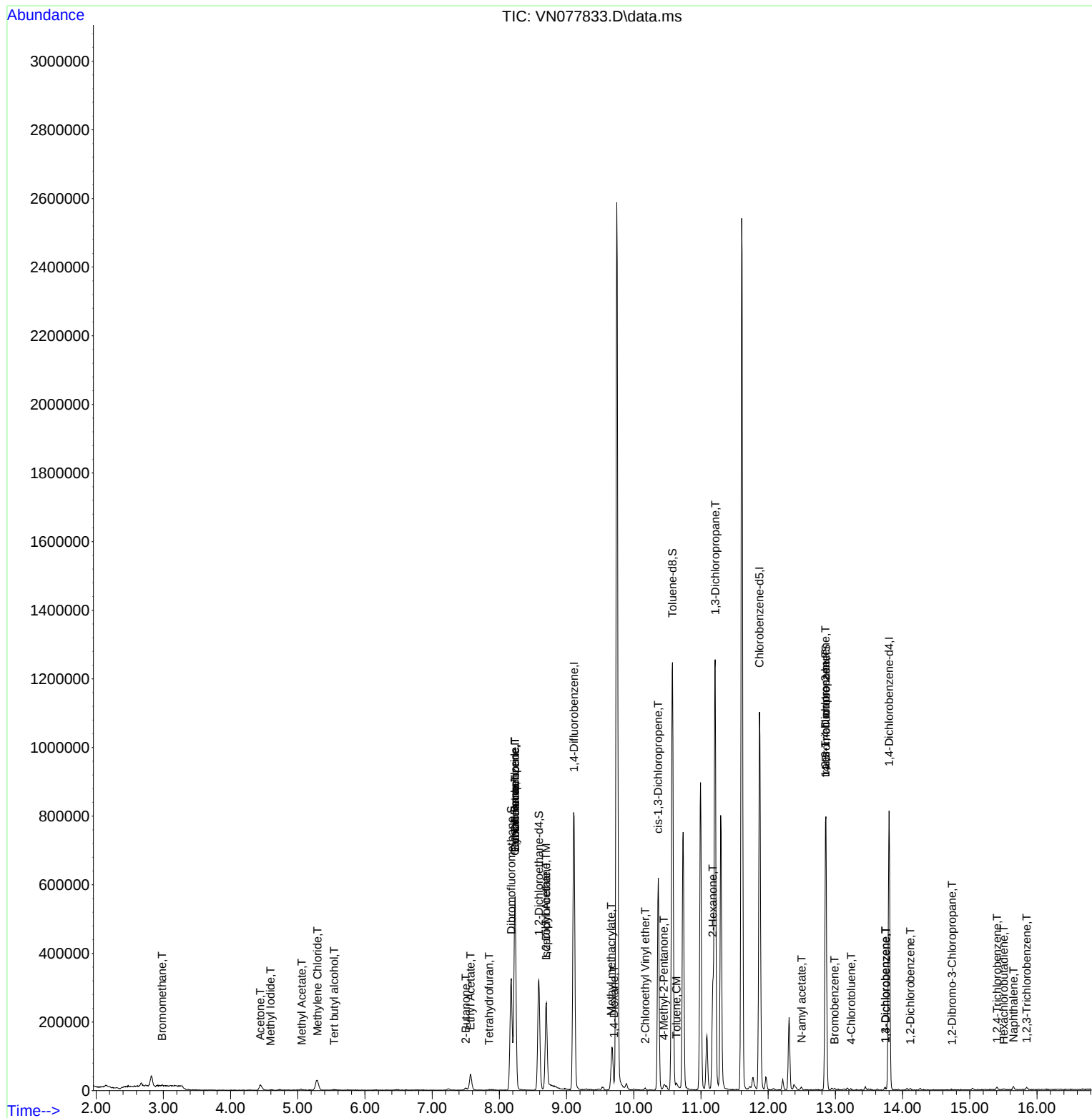
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.847	180	2406	0.567	ug/l	81

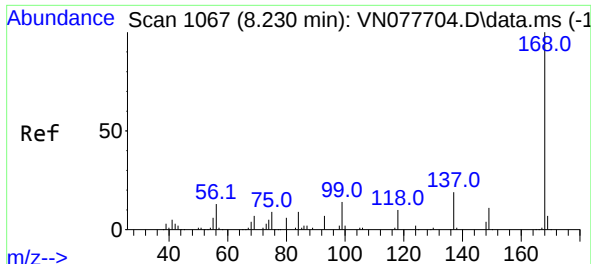
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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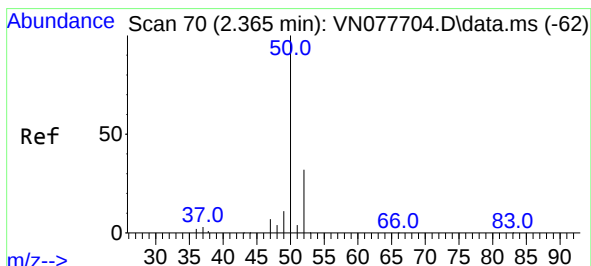
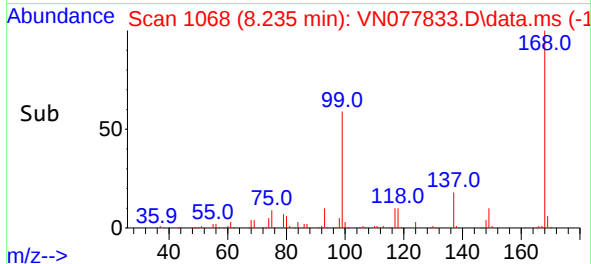
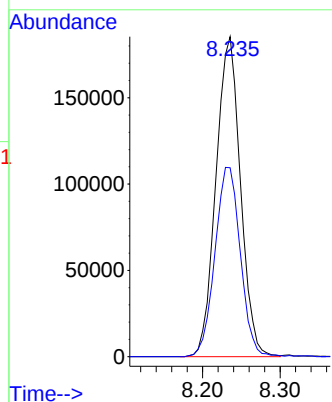
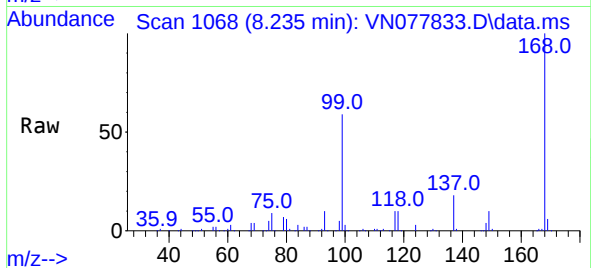




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

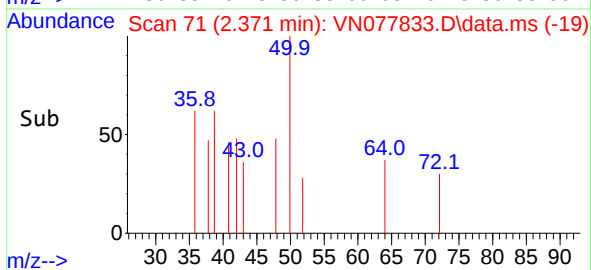
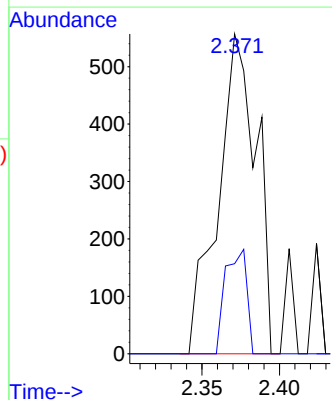
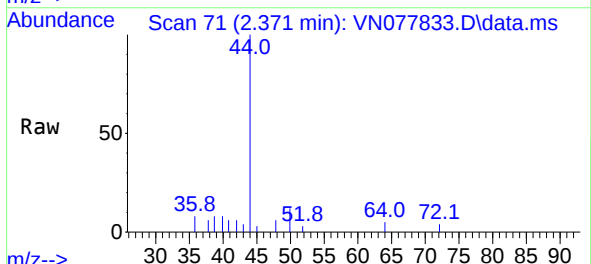
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

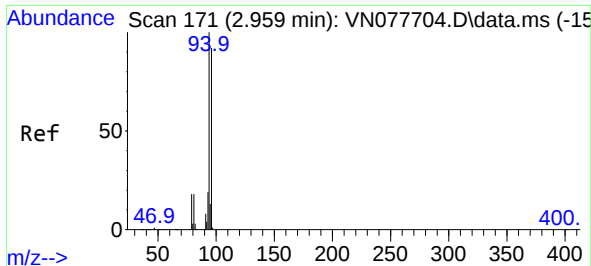
Tgt Ion:168 Resp: 407435
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 50 Resp: 957
Ion Ratio Lower Upper
50 100
52 28.2 26.5 39.7

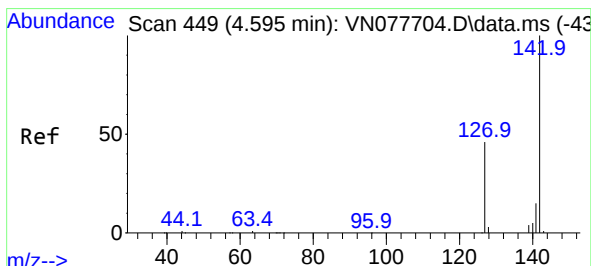
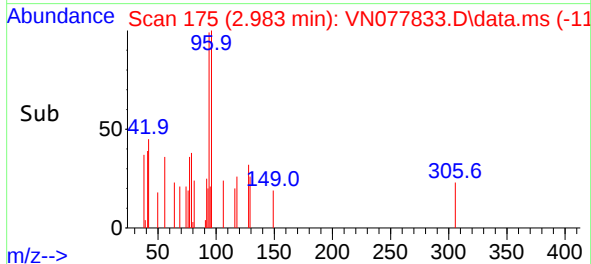
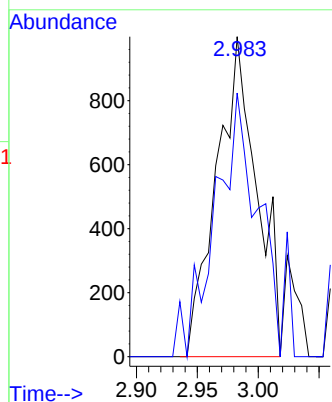
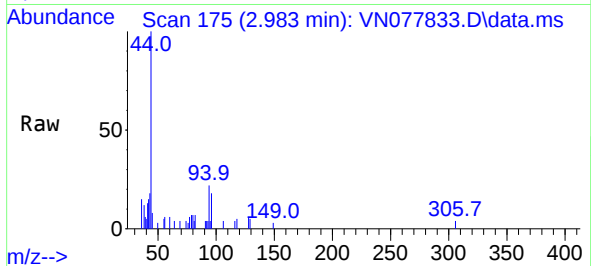




#5
Bromomethane
Concen: 0.531 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

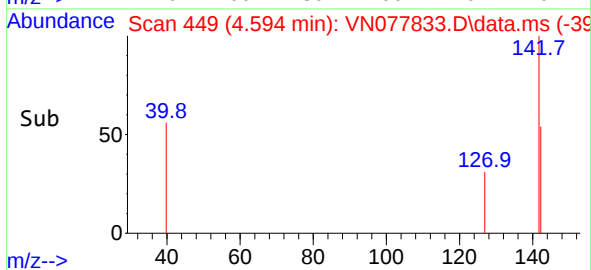
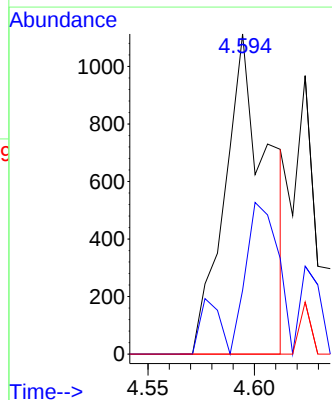
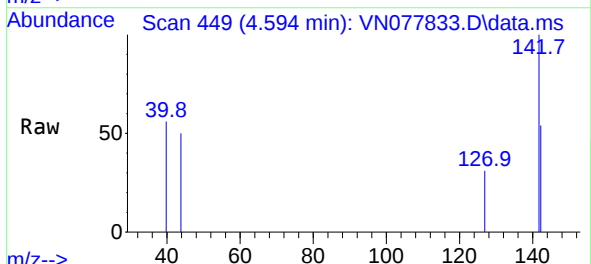
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

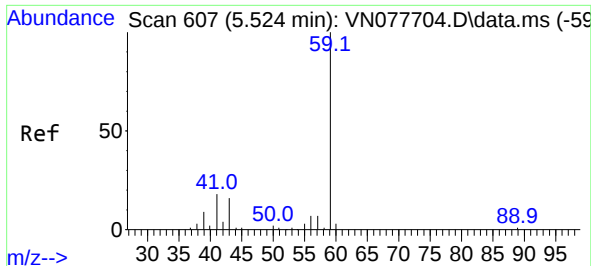
Tgt Ion: 94 Resp: 2295
Ion Ratio Lower Upper
94 100
96 82.4 73.1 109.7



#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 142 Resp: 1585
Ion Ratio Lower Upper
142 100
127 19.9 37.6 56.4#
141 0.0 11.4 17.0#

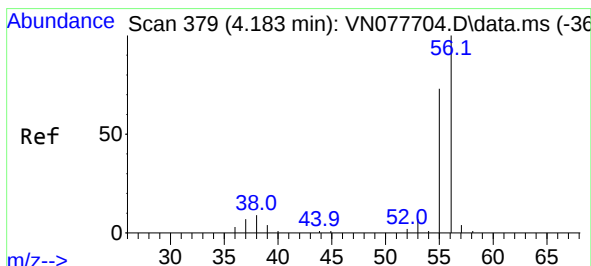
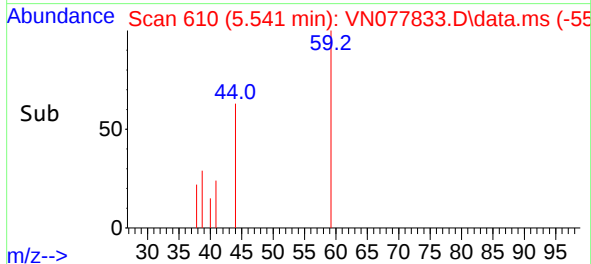
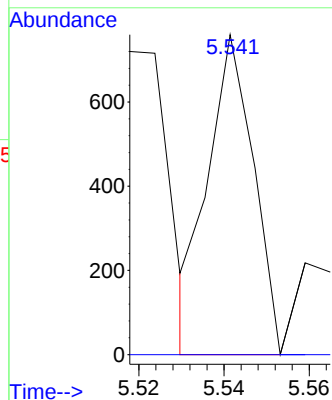
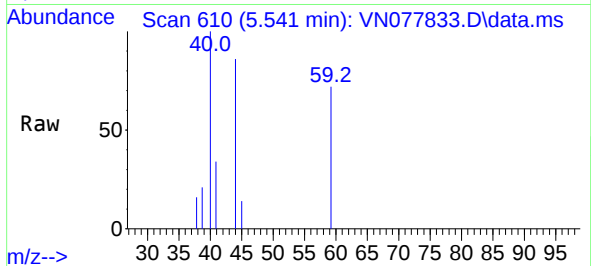




#11
Tert butyl alcohol
Concen: 0.661 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

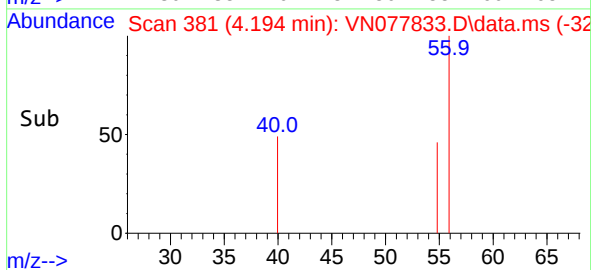
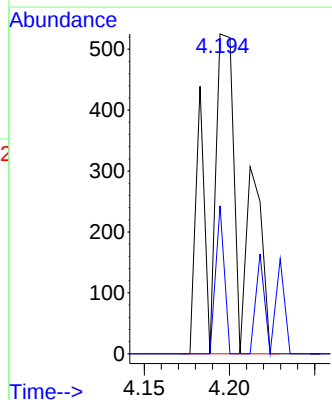
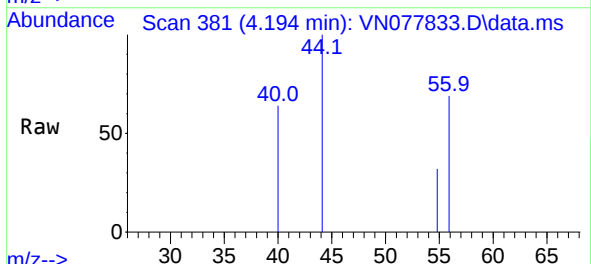
Instrument :
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ClientSampleId :
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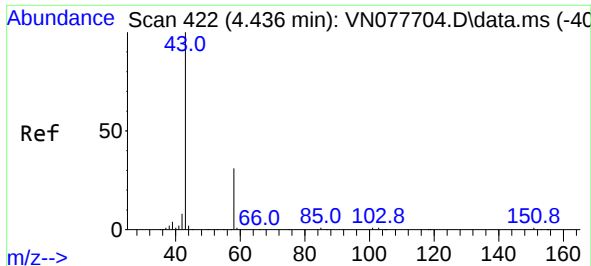
Tgt Ion: 59 Resp: 556
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 56 Resp: 720
Ion Ratio Lower Upper
56 100
55 11.9 54.5 81.7#

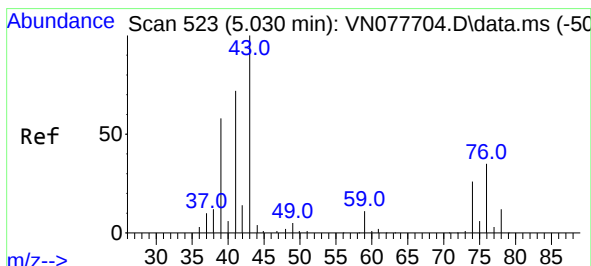
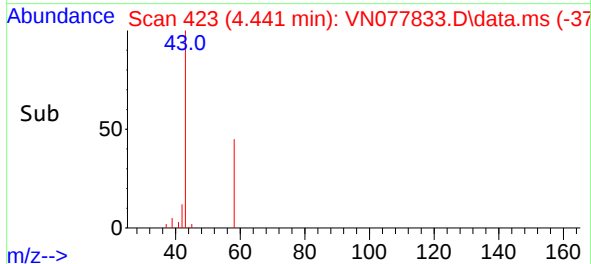
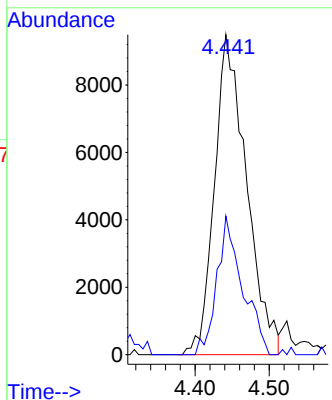
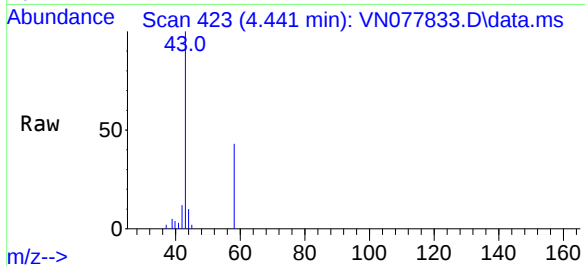




#16
Acetone
Concen: 14.846 ug/l
RT: 4.441 min Scan# 431
Delta R.T. 0.011 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

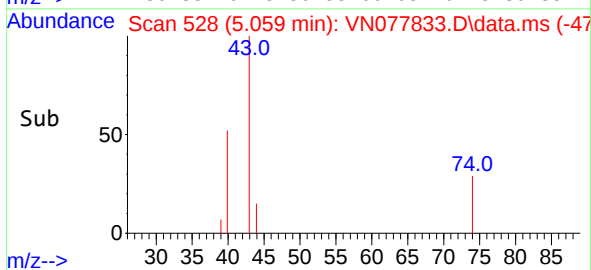
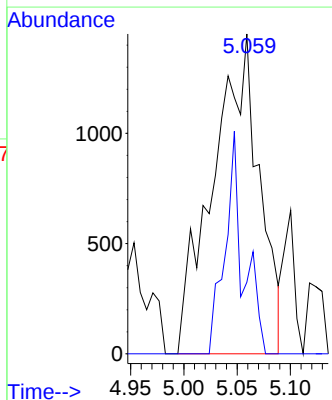
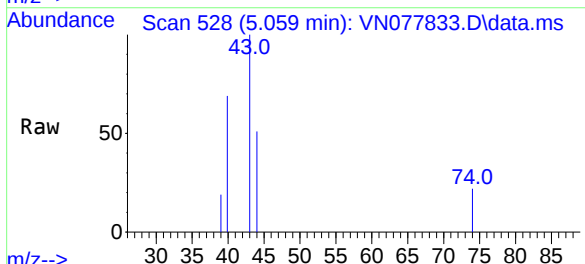
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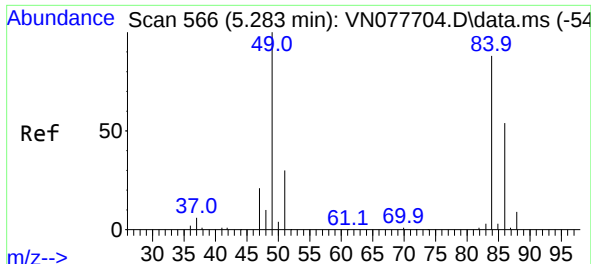
Tgt Ion: 43 Resp: 28475
Ion Ratio Lower Upper
43 100
58 43.3 28.0 42.0#



#18
Methyl Acetate
Concen: 0.546 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.023 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

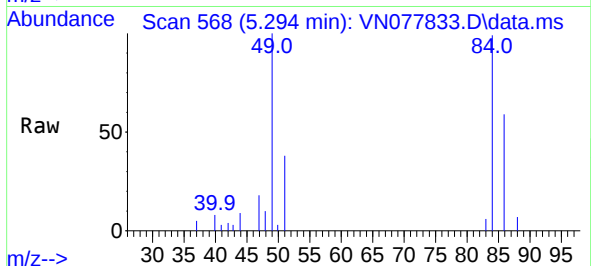
Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





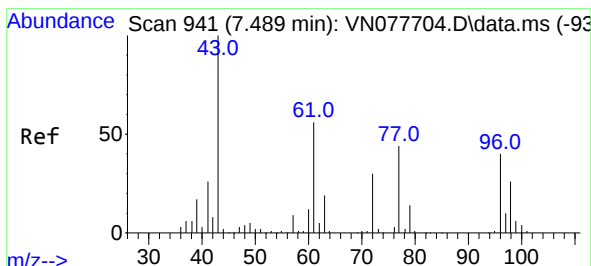
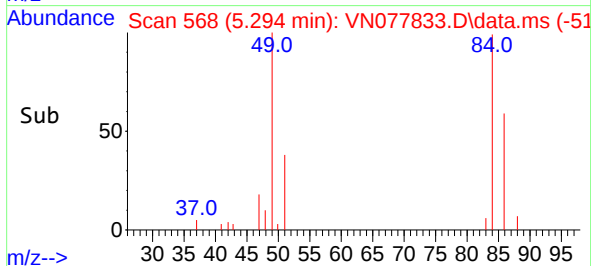
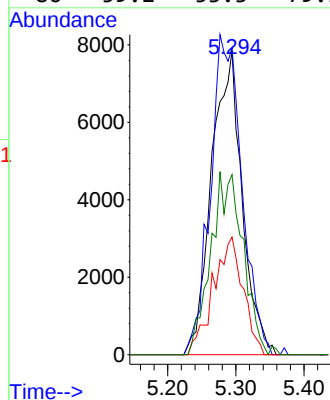
#20
Methylene Chloride
Concen: 3.018 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Instrument :
MSVOA_N
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Tgt Ion: 84 Resp: 24332

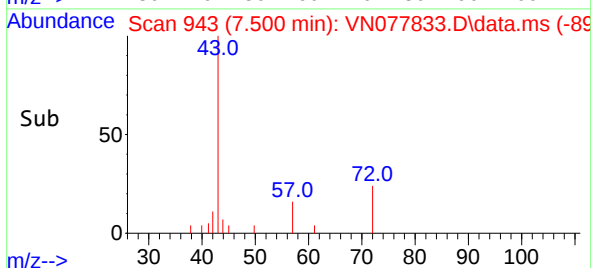
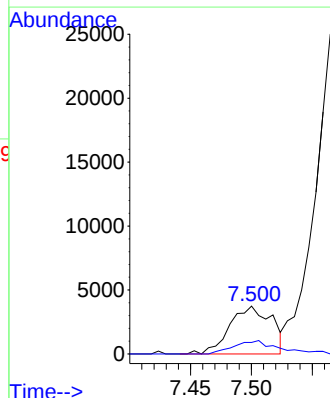
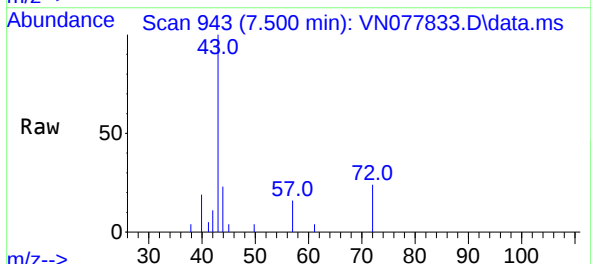
Ion	Ratio	Lower	Upper
84	100		
49	100.9	79.7	119.5
51	38.7	25.2	37.8#
86	59.2	53.3	79.9

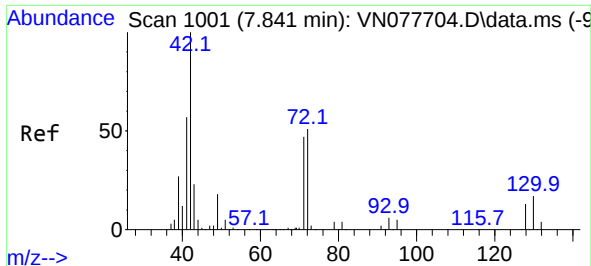


#25
2-Butanone
Concen: 2.990 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 43 Resp: 8971

Ion	Ratio	Lower	Upper
43	100		
72	24.0	30.2	45.2#

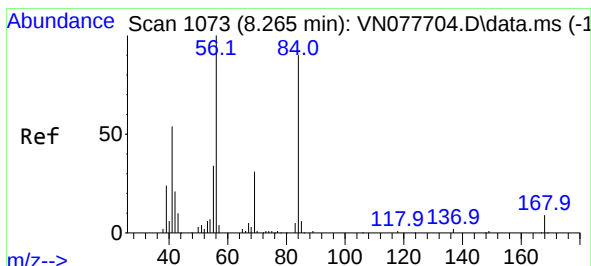
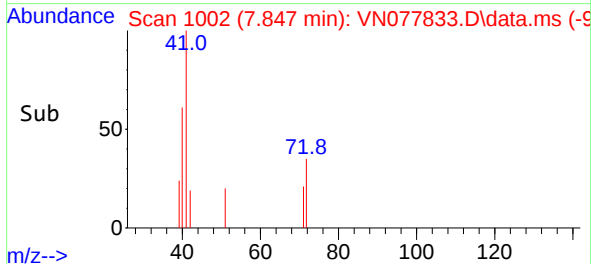
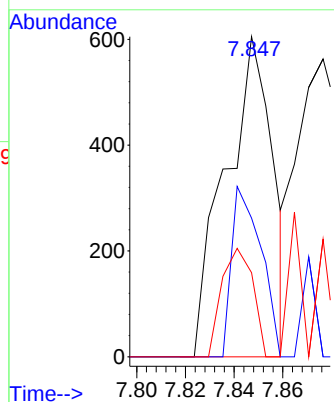
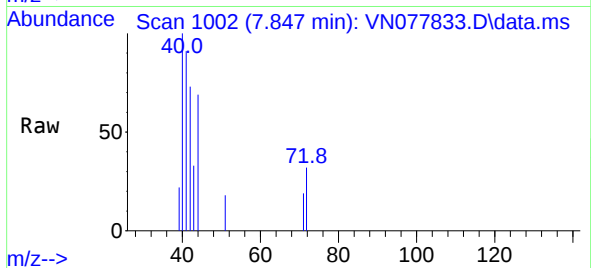




#29
Tetrahydrofuran
Concen: 0.418 ug/l
RT: 7.847 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

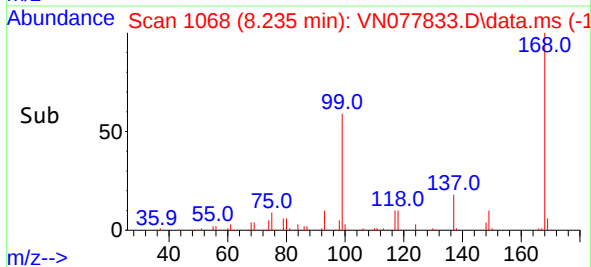
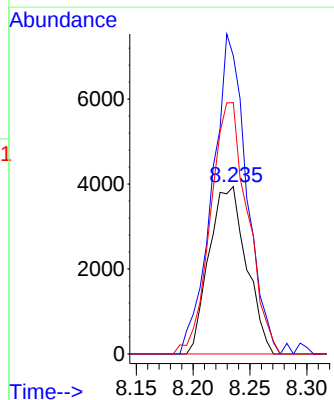
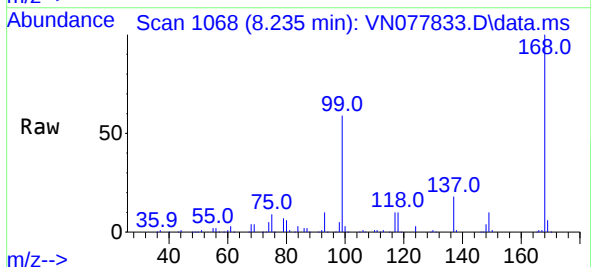
Instrument :
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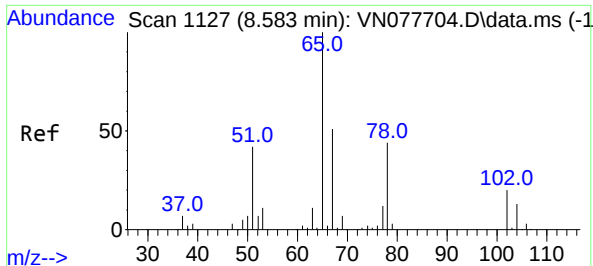
Tgt Ion: 42 Resp: 822
Ion Ratio Lower Upper
42 100
72 32.7 49.8 74.6#
71 22.1 47.4 71.2#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 56 Resp: 8995
Ion Ratio Lower Upper
56 100
69 178.1 26.8 40.2#
84 150.2 81.8 122.6#

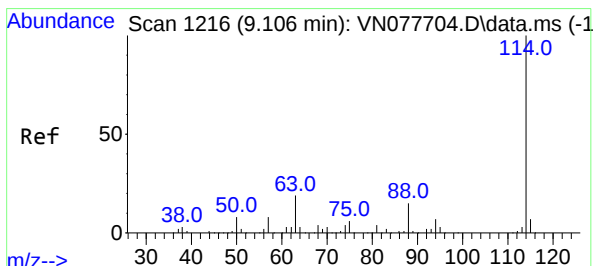
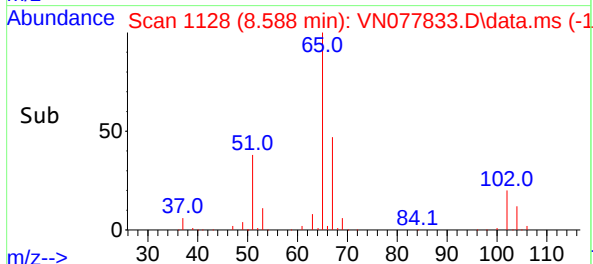
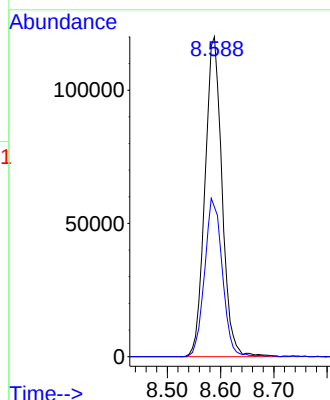
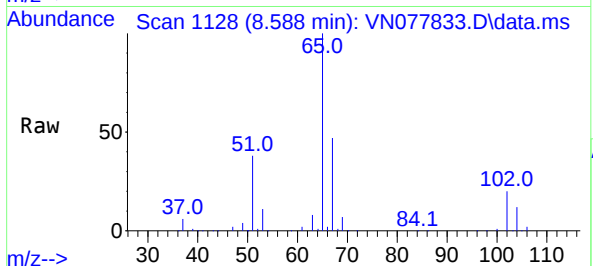




#33
1,2-Dichloroethane-d4
Concen: 43.874 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

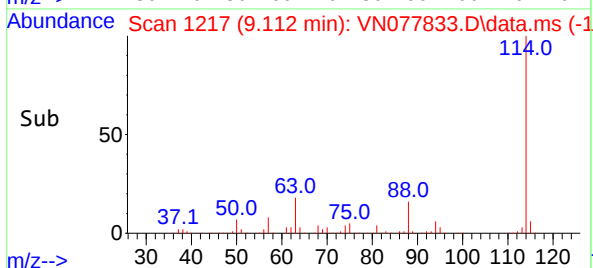
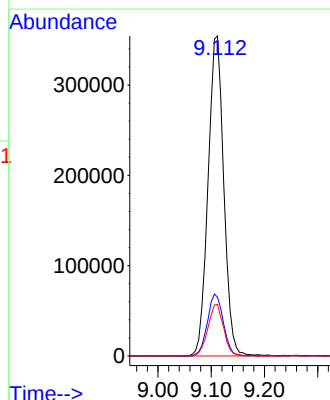
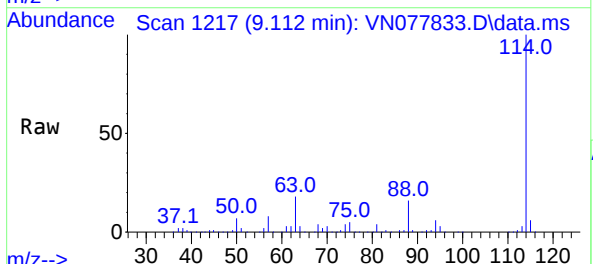
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

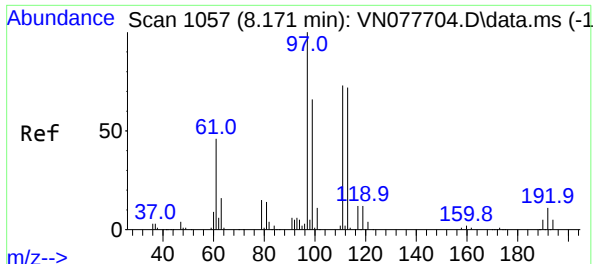
Tgt Ion: 65 Resp: 267465
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 114 Resp: 726315
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 16.2 0.0 30.6

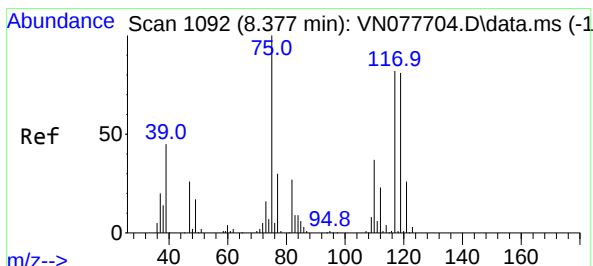
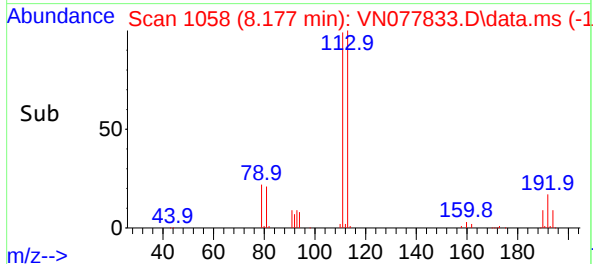
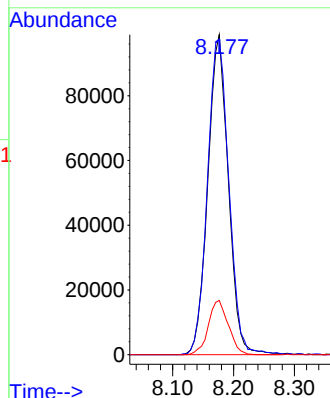
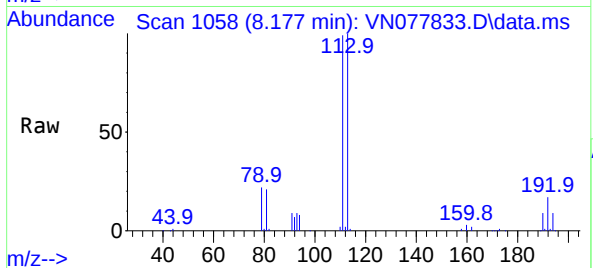




#35
Dibromofluoromethane
Concen: 48.835 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

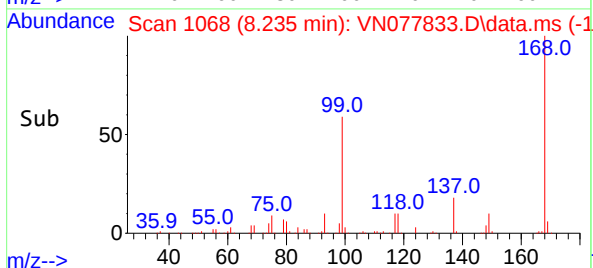
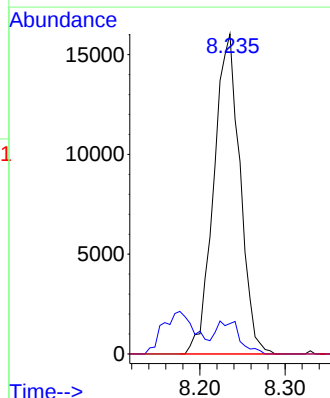
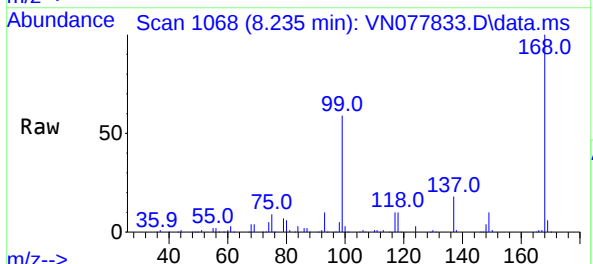
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

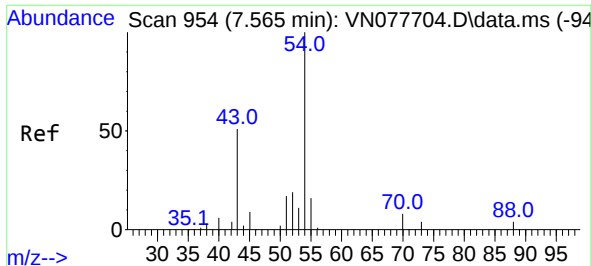
Tgt Ion:113 Resp: 231291
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 75 Resp: 34310
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#

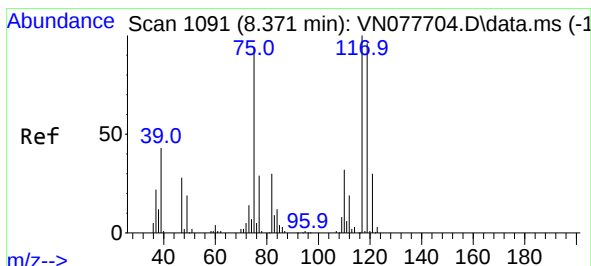
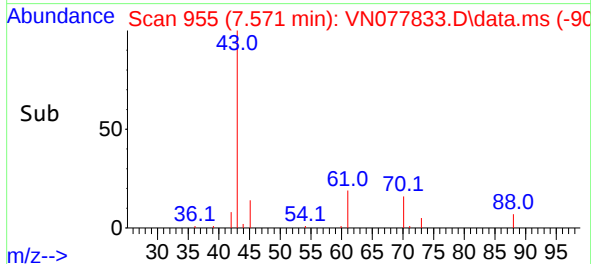
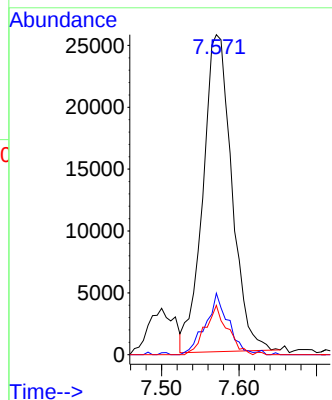
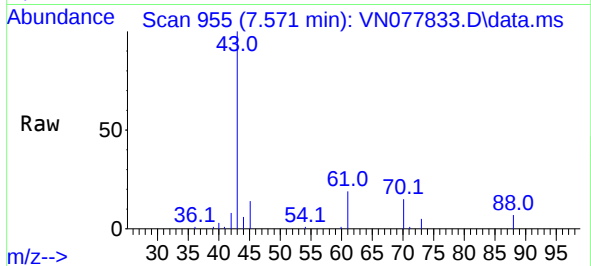




#37
Ethyl Acetate
Concen: 10.743 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

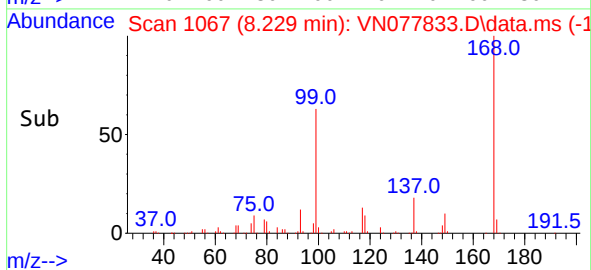
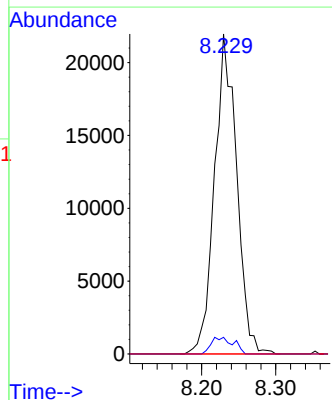
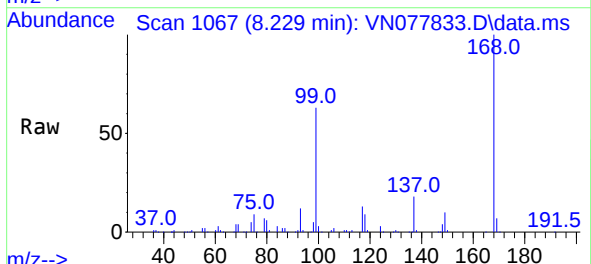
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

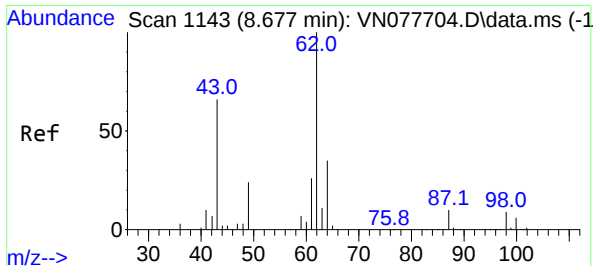
Tgt Ion: 43 Resp: 66332
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 12.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 6.505 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 117 Resp: 45505
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 23.3 34.9#

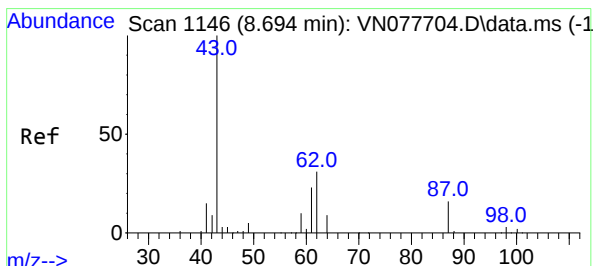
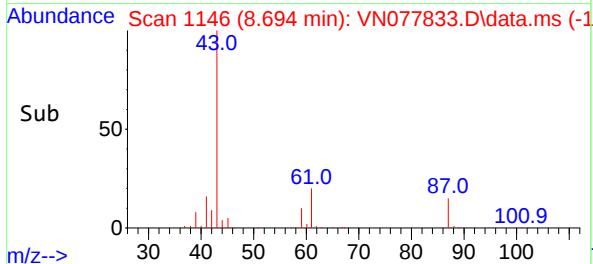
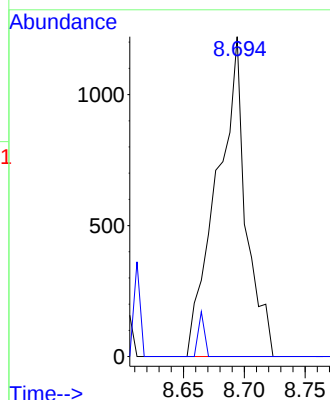
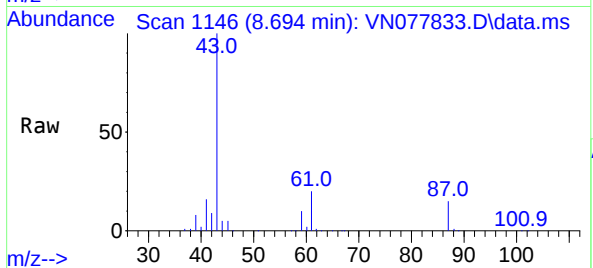




#42
1,2-Dichloroethane
Concen: 0.274 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.017 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

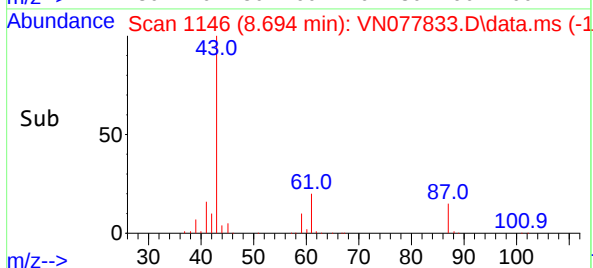
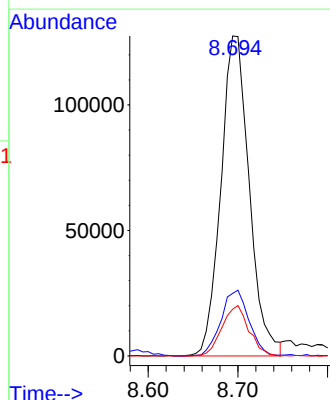
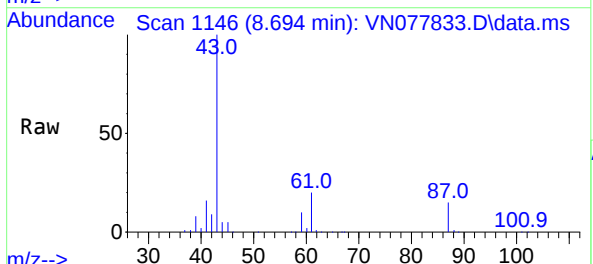
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

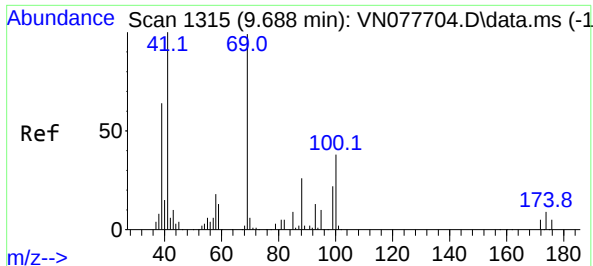
Tgt Ion: 62 Resp: 2036
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



#43
Isopropyl Acetate
Concen: 27.835 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 43 Resp: 280731
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 14.9 14.6 21.8





#48

Methyl methacrylate

Concen: 1.507 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.023 min

Lab File: VN077833.D

Acq: 24 May 2023 02:14

Instrument :

MSVOA_N

ClientSampleId :

PB152982TB

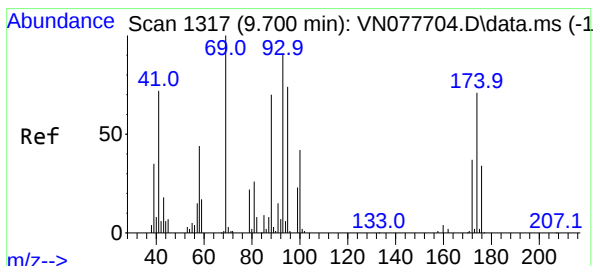
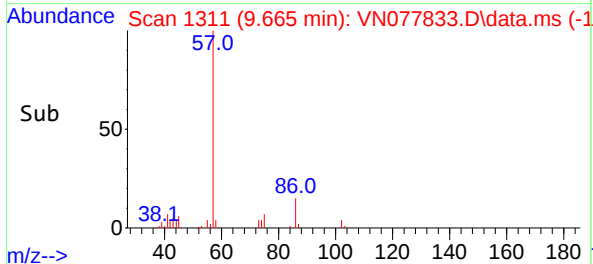
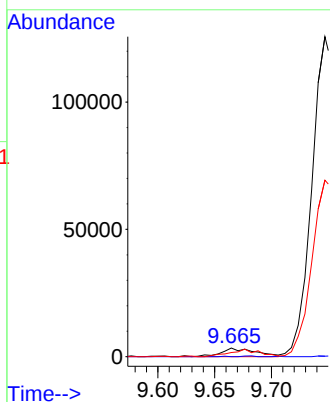
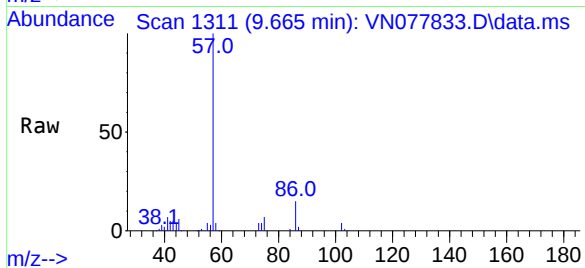
Tgt Ion: 41 Resp: 7205

Ion Ratio Lower Upper

41 100

69 1.1 90.4 135.6#

39 0.0 54.6 81.8#



#49

1,4-Dioxane

Concen: 0.797 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN077833.D

Acq: 24 May 2023 02:14

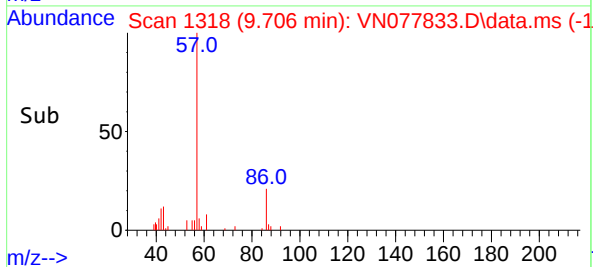
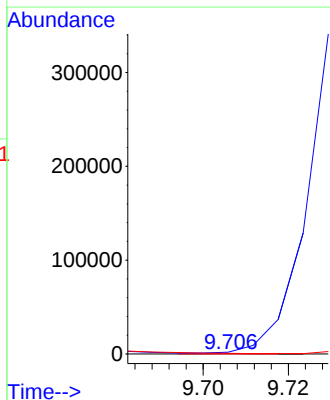
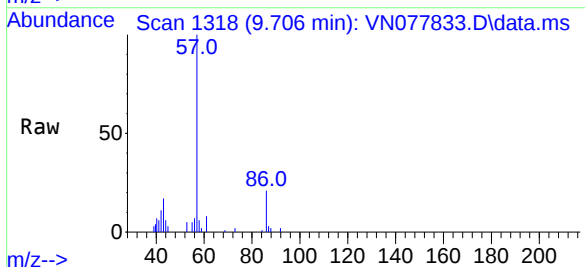
Tgt Ion: 88 Resp: 72

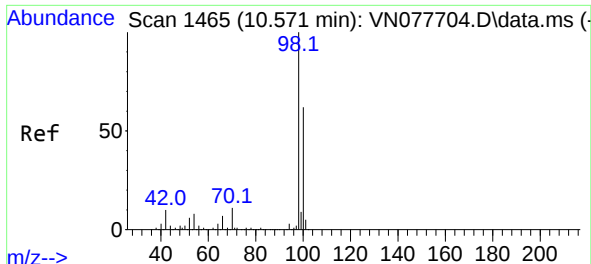
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

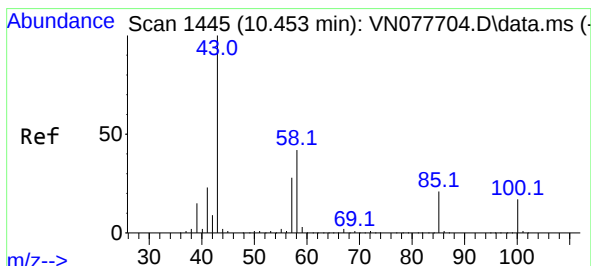
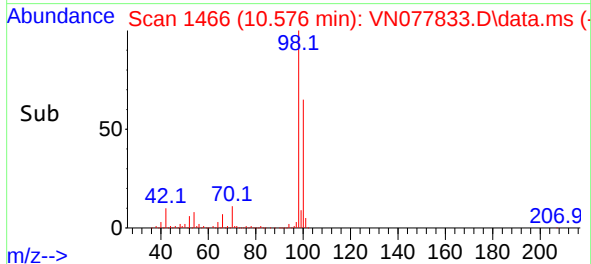
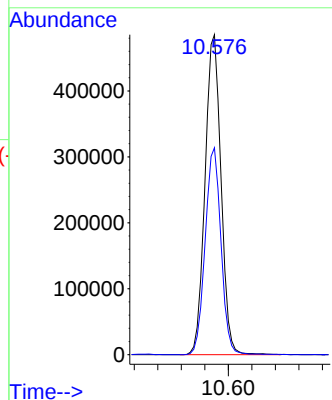
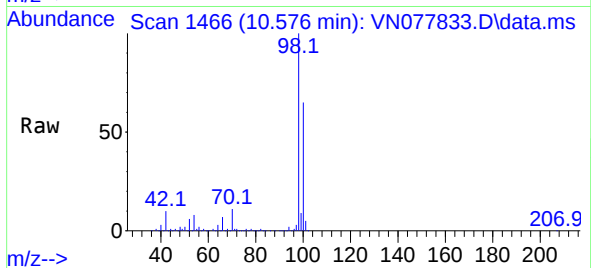




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

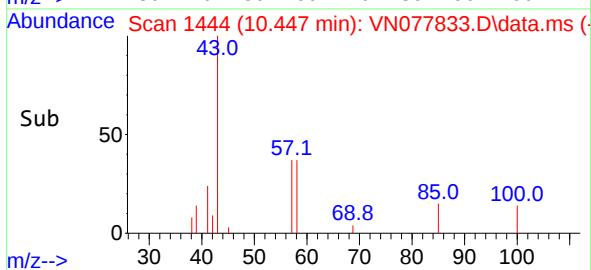
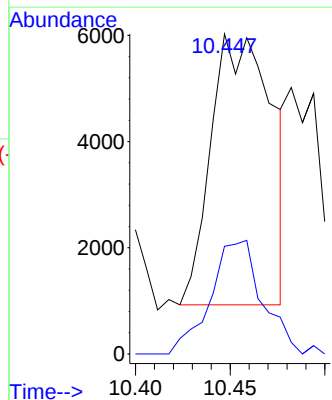
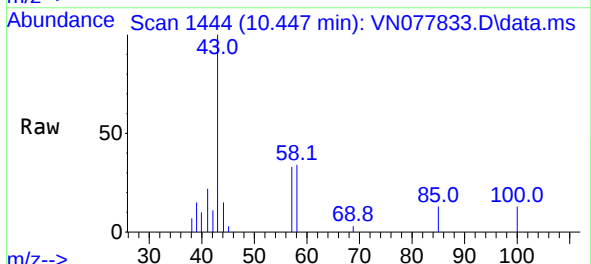
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

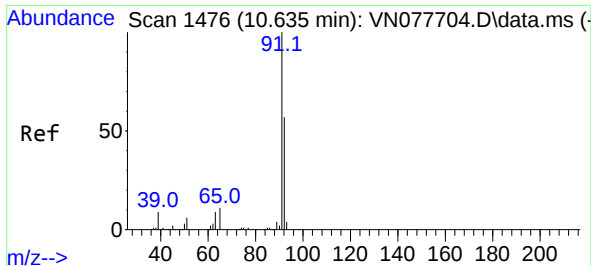
Tgt Ion: 98 Resp: 912952
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.891 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 43 Resp: 11337
Ion Ratio Lower Upper
43 100
58 36.2 36.6 54.8#

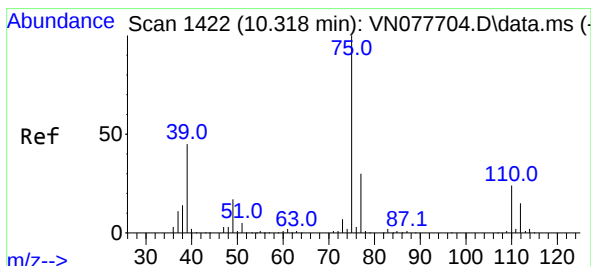
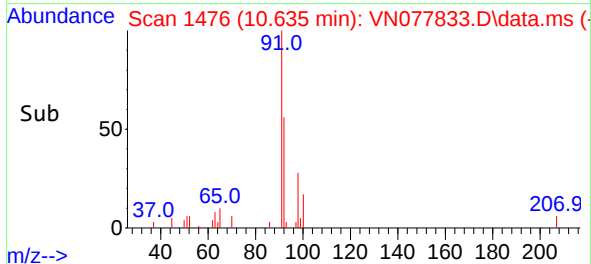
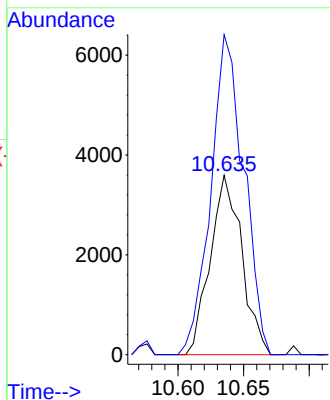
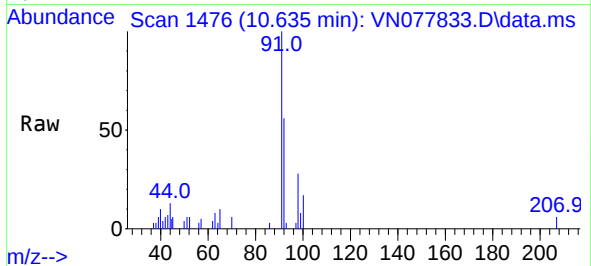




#52
Toluene
Concen: 0.473 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

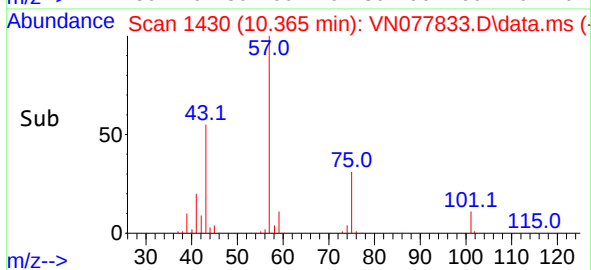
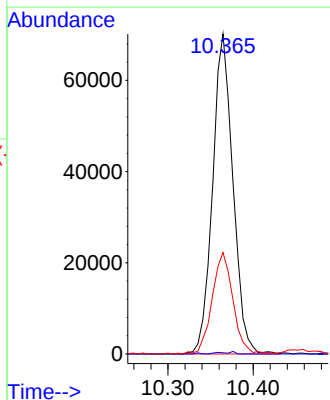
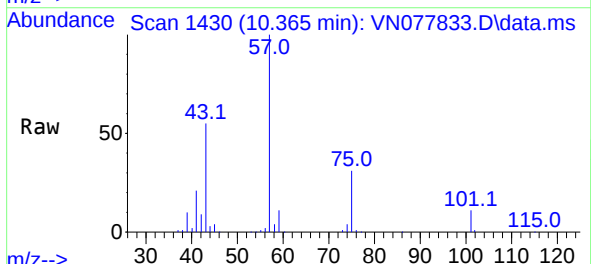
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

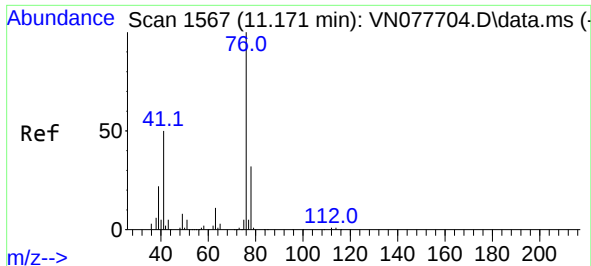
Tgt Ion: 92 Resp: 6017
Ion Ratio Lower Upper
92 100
91 186.4 137.4 206.0



#54
cis-1,3-Dichloropropene
Concen: 13.954 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 75 Resp: 116322
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 31.5 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.539 ug/l

RT: 11.212 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077833.D

Acq: 24 May 2023 02:14

Instrument :

MSVOA_N

ClientSampleId :

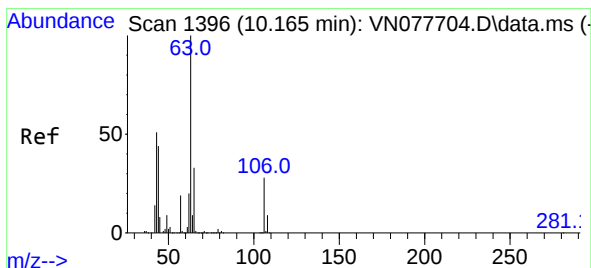
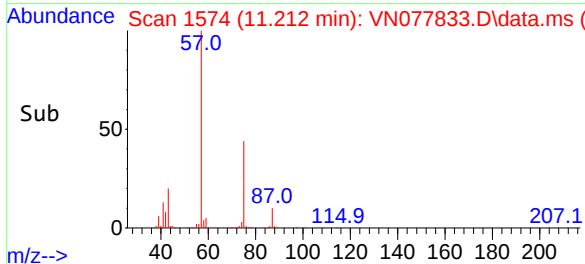
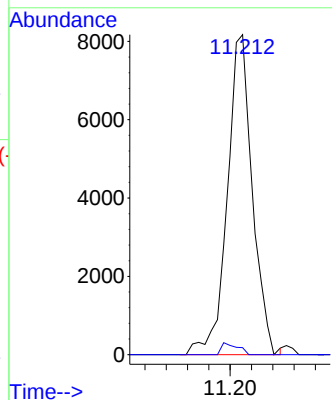
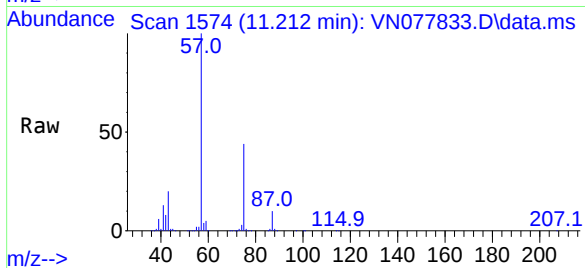
PB152982TB

Tgt Ion: 76 Resp: 13330

Ion Ratio Lower Upper

76 100

78 2.4 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.729 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077833.D

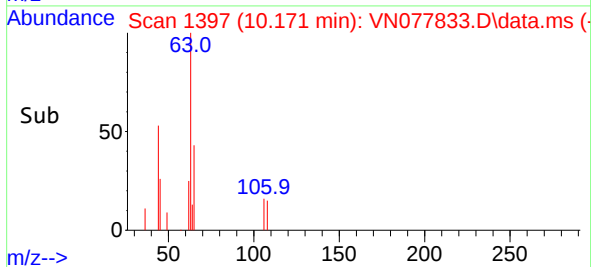
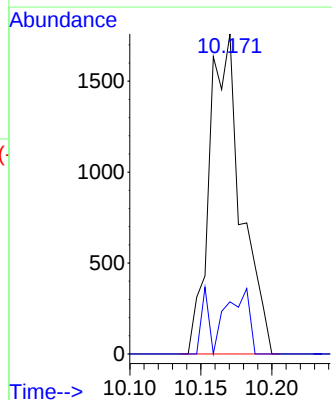
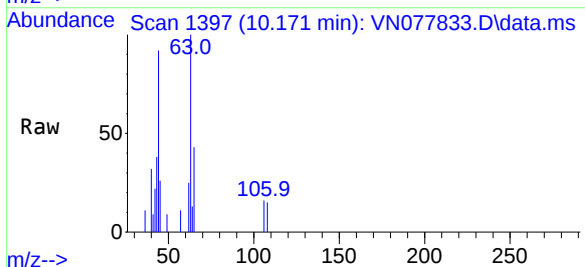
Acq: 24 May 2023 02:14

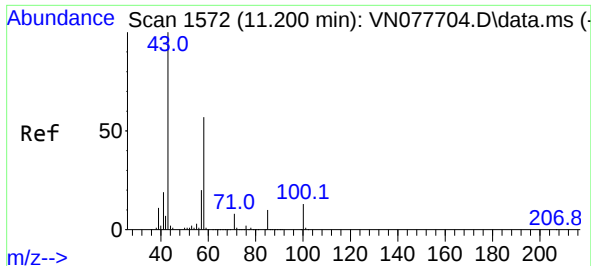
Tgt Ion: 63 Resp: 2739

Ion Ratio Lower Upper

63 100

106 14.7 26.2 39.4#

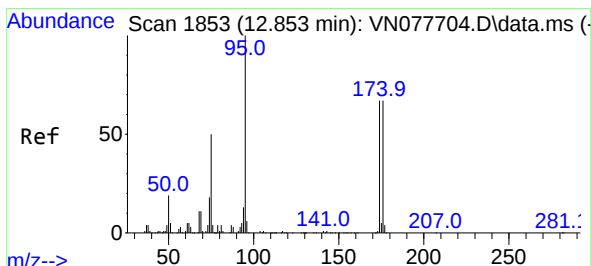
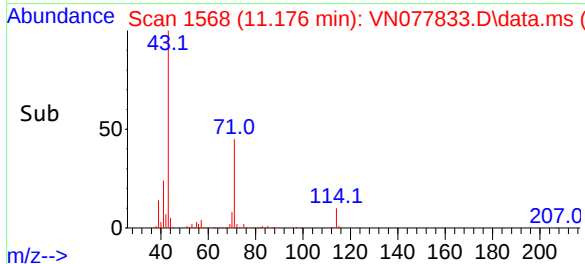
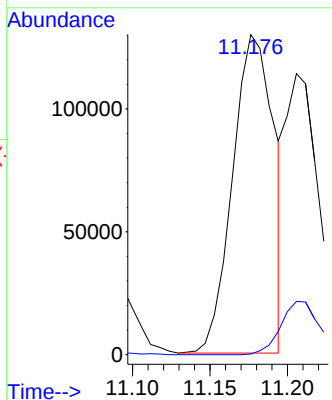
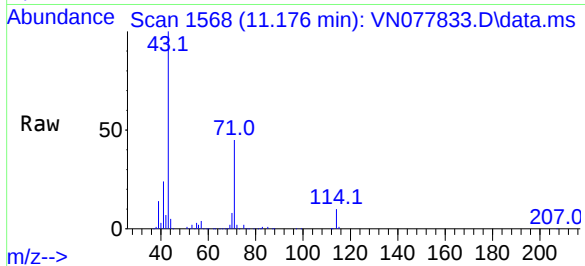




#59
2-Hexanone
Concen: 54.153 ug/l
RT: 11.176 min Scan# 11176
Delta R.T. -0.024 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

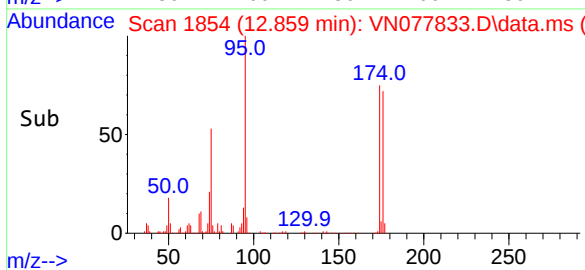
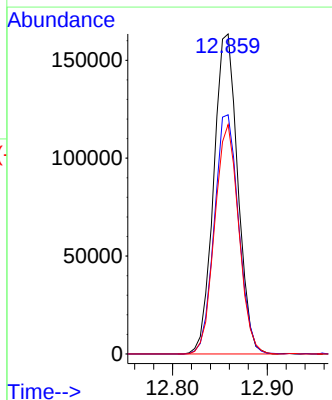
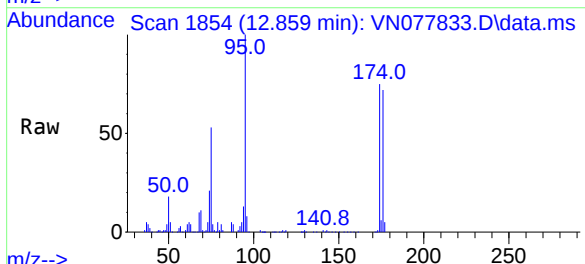
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

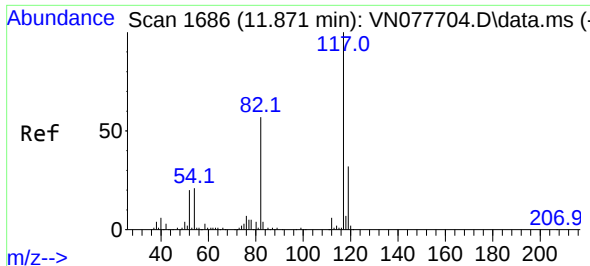
Tgt Ion: 43 Resp: 240125
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 44.834 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 95 Resp: 288662
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.5 0.0 135.8

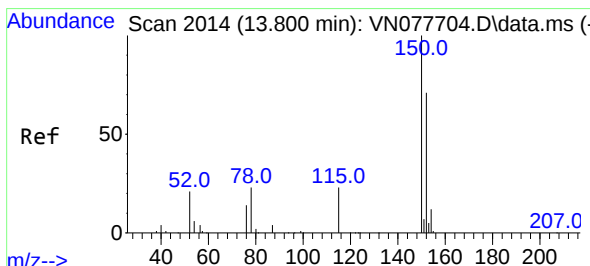
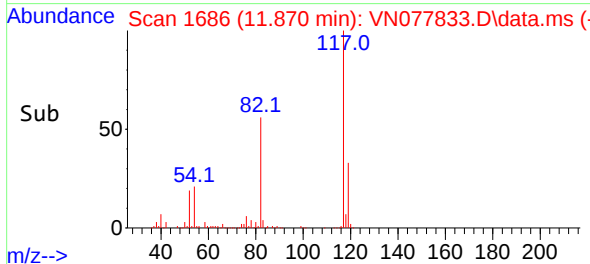
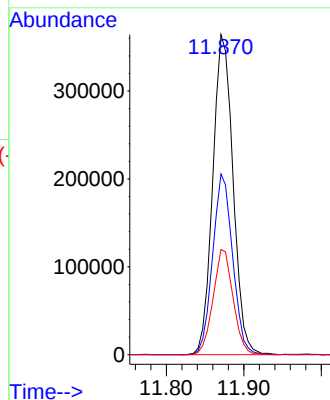
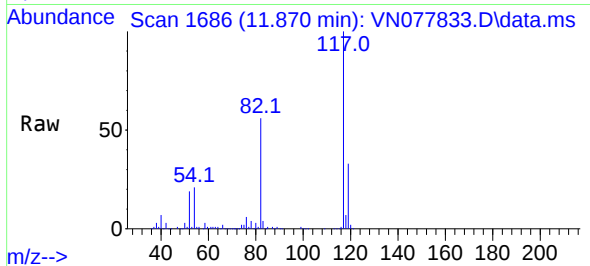




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

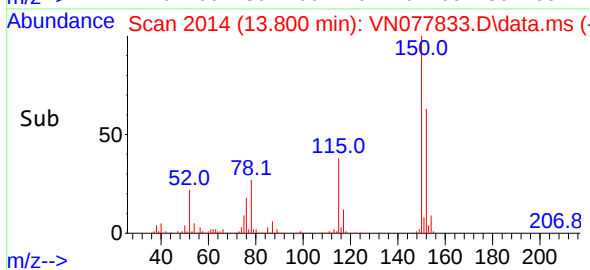
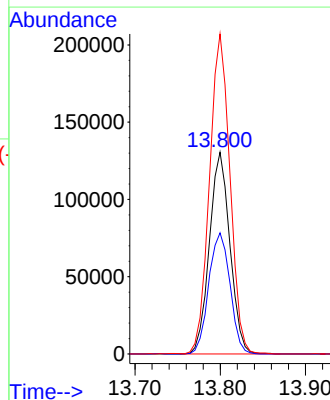
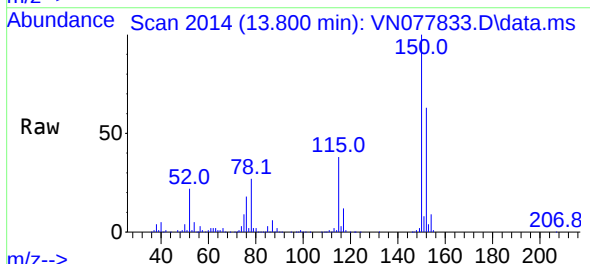
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

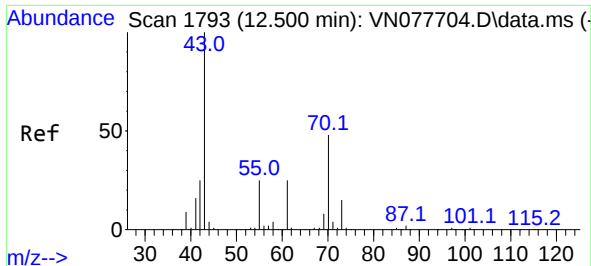
Tgt Ion:117 Resp: 662854
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion:152 Resp: 218337
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 158.3 0.0 355.8

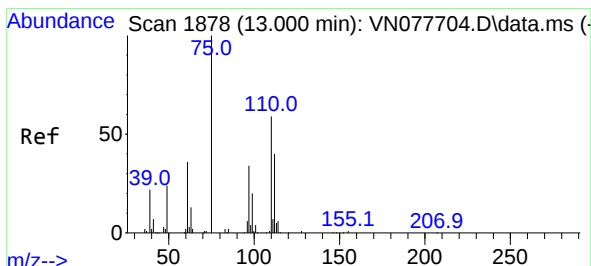
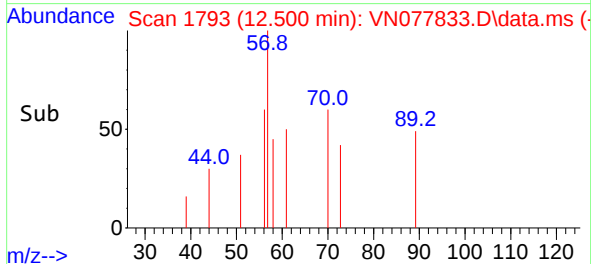
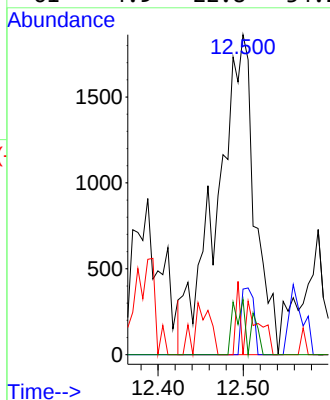
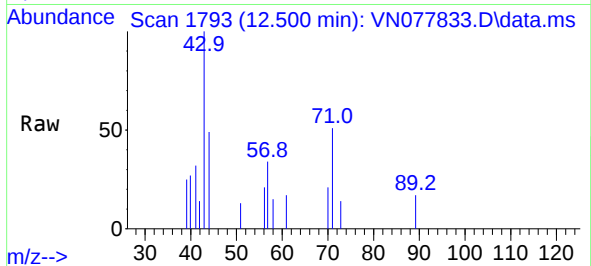




#74
N-amy1 acetate
Concen: 0.830 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

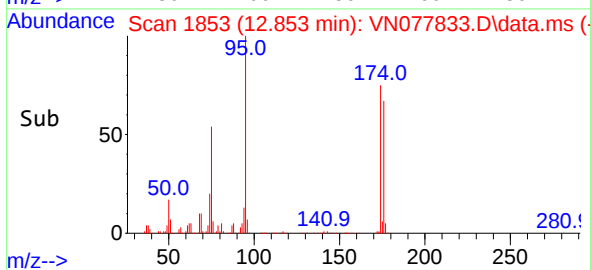
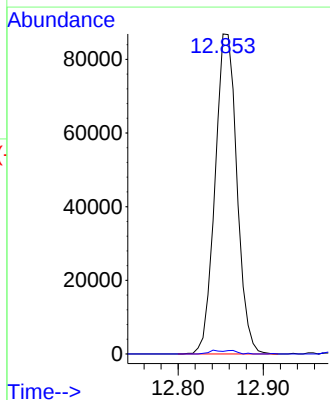
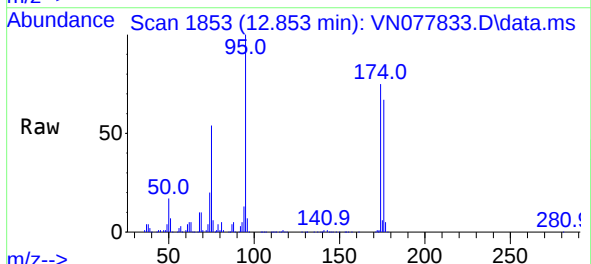
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

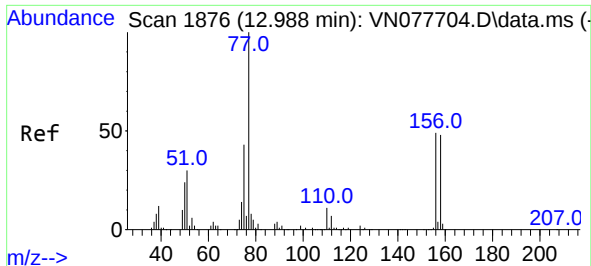
Tgt Ion: 43 Resp: 5777
Ion Ratio Lower Upper
43 100
70 6.7 43.4 65.2#
55 2.6 21.4 32.0#
61 4.9 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 28.325 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 75 Resp: 154878
Ion Ratio Lower Upper
75 100
77 0.7 84.5 253.5#

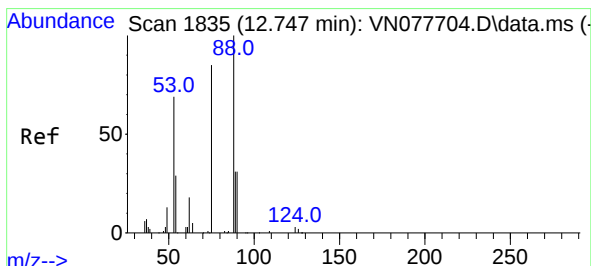
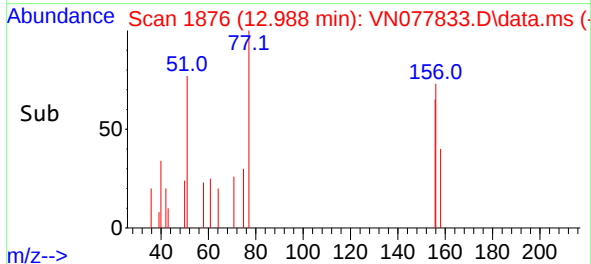
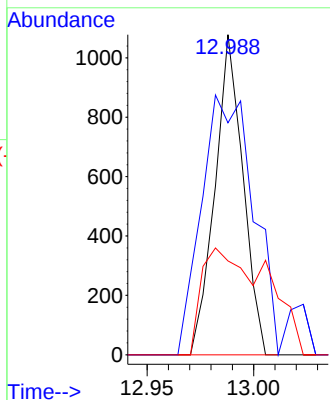
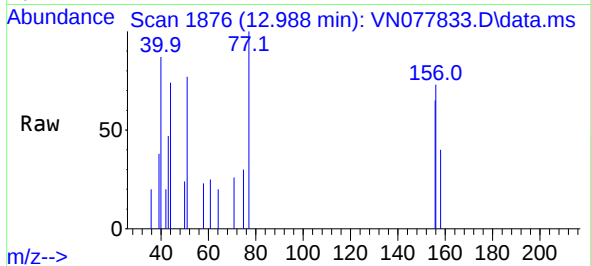




#77
Bromobenzene
Concen: 0.229 ug/l
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

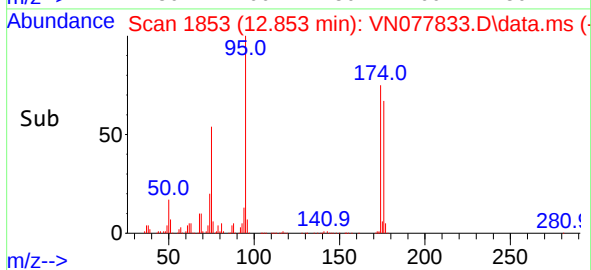
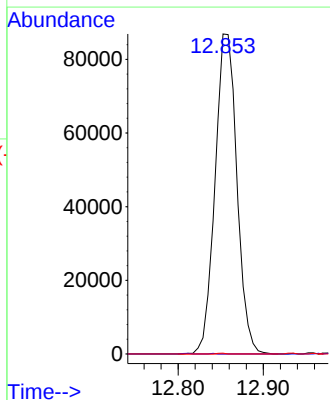
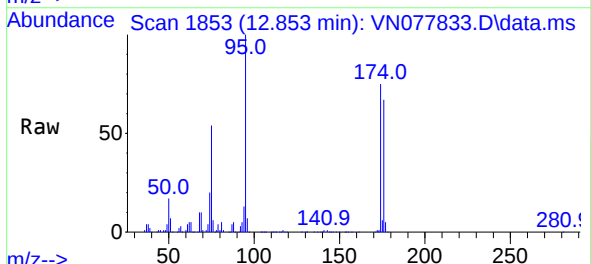
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

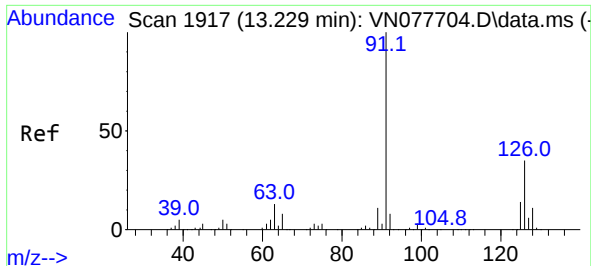
Tgt Ion:156 Resp: 984
Ion Ratio Lower Upper
156 100
77 161.7 107.7 323.3
158 77.7 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 90.541 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 75 Resp: 154878
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

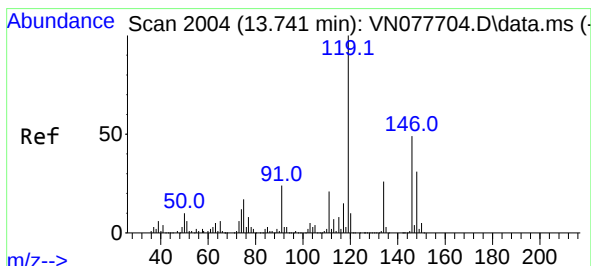
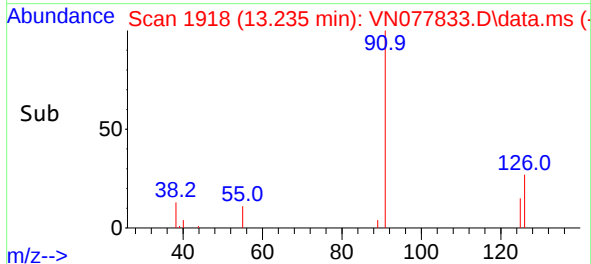
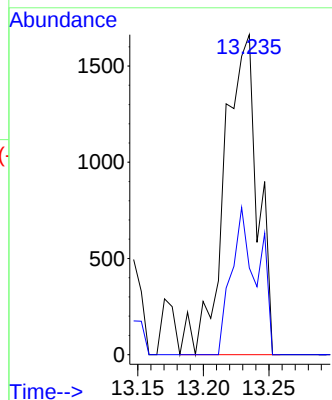
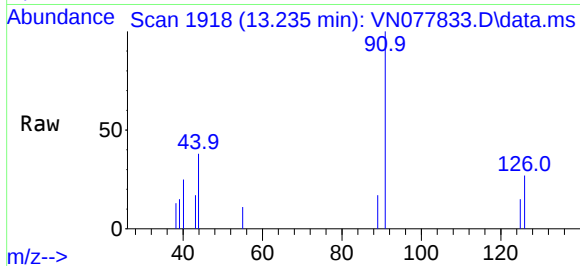




#82
4-Chlorotoluene
Concen: 0.224 ug/l
RT: 13.235 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

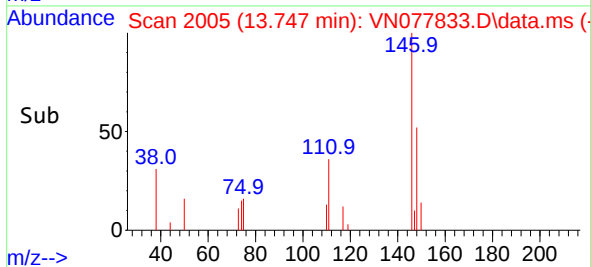
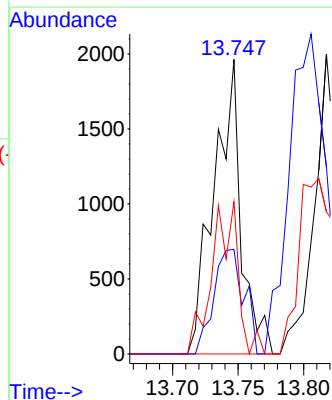
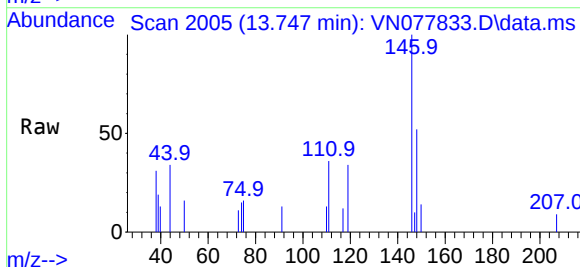
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

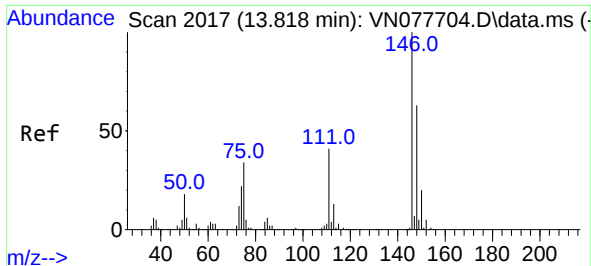
Tgt Ion: 91 Resp: 2948
Ion Ratio Lower Upper
91 100
126 36.0 16.7 50.0



#87
1,3-Dichlorobenzene
Concen: 0.356 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion: 146 Resp: 2824
Ion Ratio Lower Upper
146 100
111 39.5 22.1 66.3
148 49.4 32.0 96.0

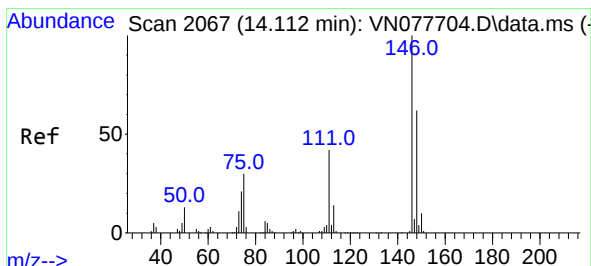
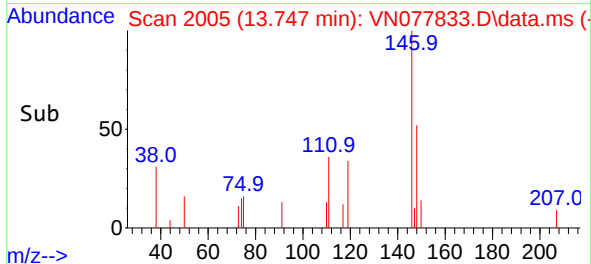
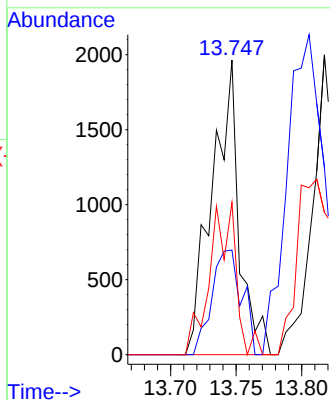
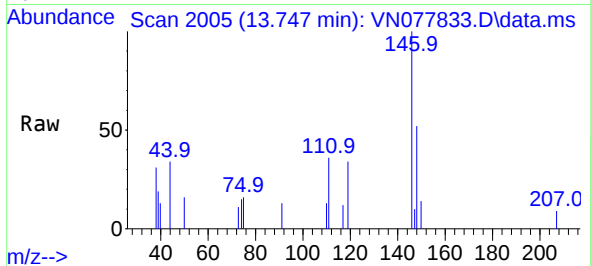




#88
1,4-Dichlorobenzene
Concen: 0.358 ug/l
RT: 13.747 min Scan# 2017
Delta R.T. -0.070 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

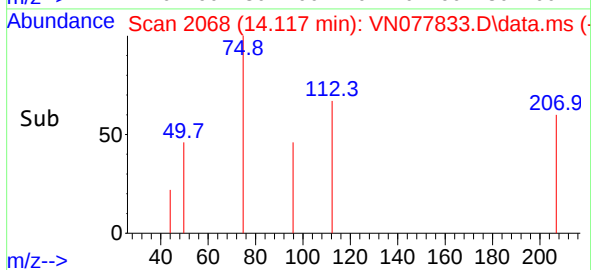
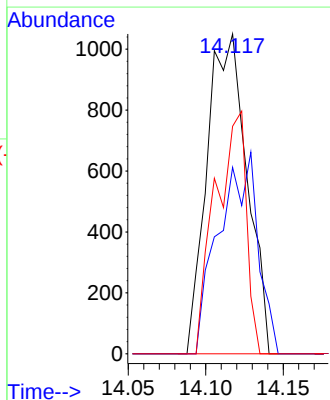
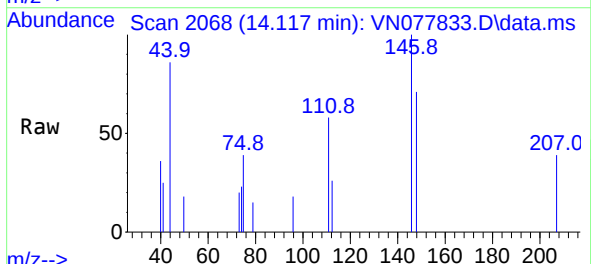
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

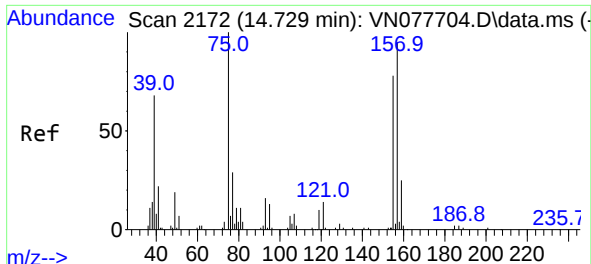
Tgt Ion:146	Resp:	2824	
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.8
148	49.4	31.6	94.8



#91
1,2-Dichlorobenzene
Concen: 0.253 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.006 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion:146	Resp:	1878	
Ion	Ratio	Lower	Upper
146	100		
111	61.2	22.0	66.0
148	58.7	31.8	95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.269 ug/l

RT: 14.735 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN077833.D

Acq: 24 May 2023 02:14

Instrument :

MSVOA_N

ClientSampleId :

PB152982TB

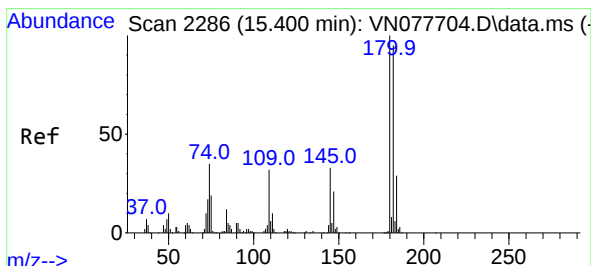
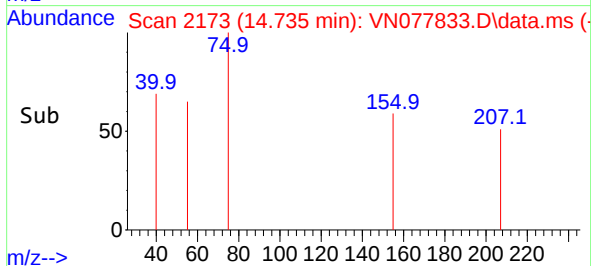
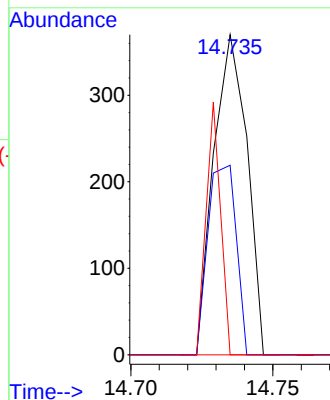
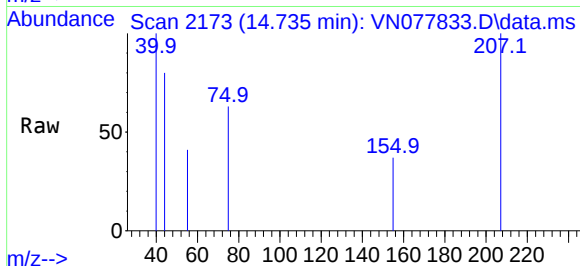
Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

75 100

155 50.0 39.1 117.2

157 34.1 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.657 ug/l

RT: 15.405 min Scan# 2287

Delta R.T. 0.005 min

Lab File: VN077833.D

Acq: 24 May 2023 02:14

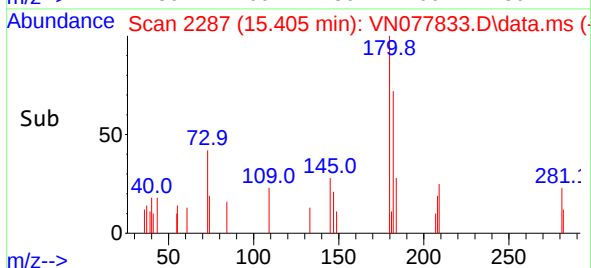
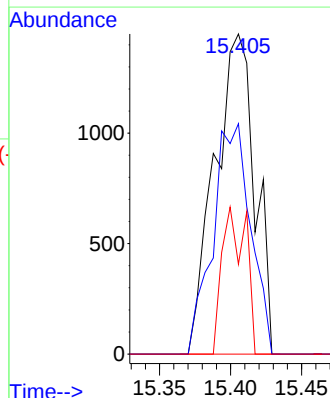
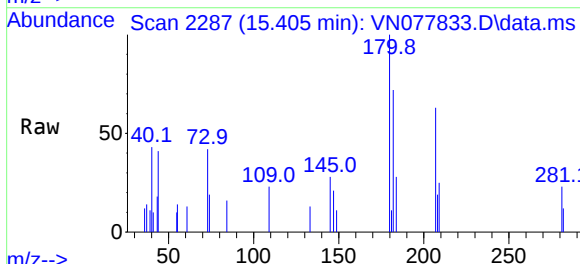
Tgt Ion: 180 Resp: 2851

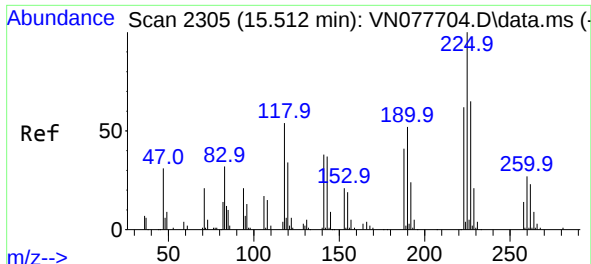
Ion Ratio Lower Upper

180 100

182 67.8 46.1 138.2

145 26.9 16.6 49.8

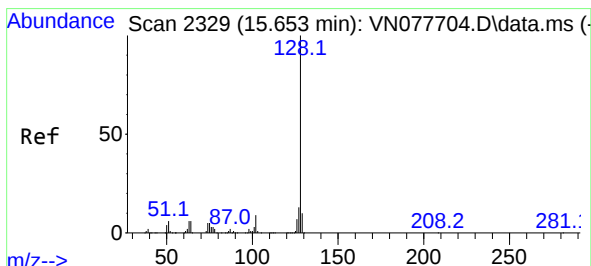
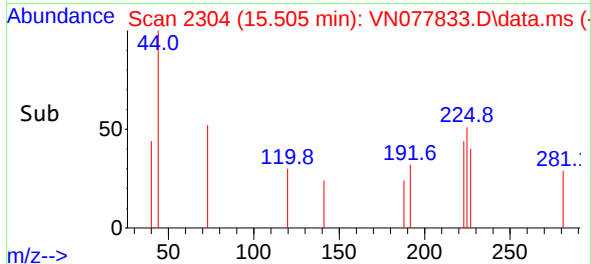
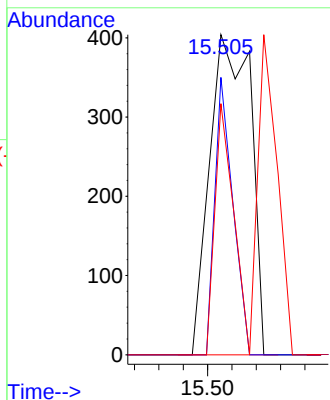
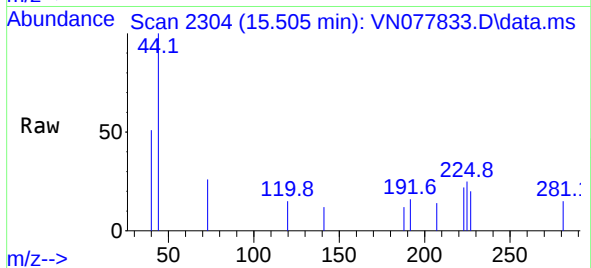




#94
Hexachlorobutadiene
Concen: 0.262 ug/l
RT: 15.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

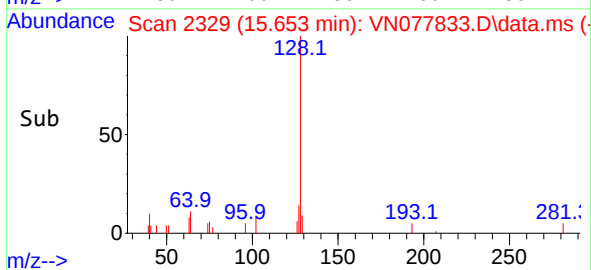
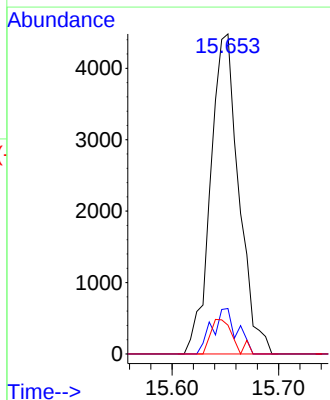
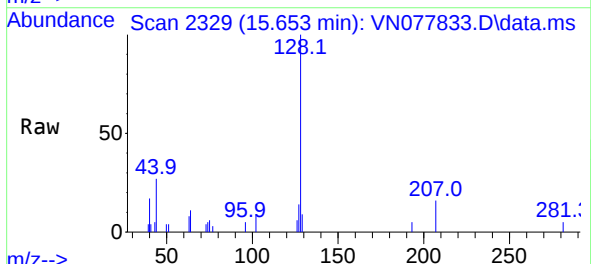
Instrument :
MSVOA_N
ClientSampleId :
PB152982TB

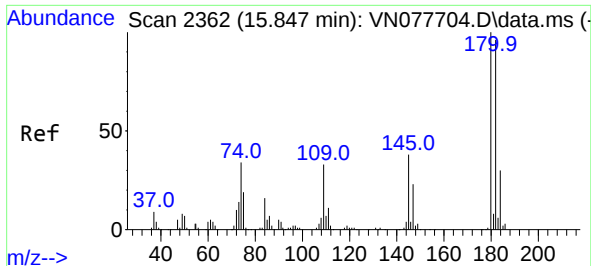
Tgt Ion:	225	Resp:	471
Ion	Ratio	Lower	Upper
225	100		
223	38.4	31.3	93.8
227	36.1	31.9	95.9



#95
Naphthalene
Concen: 0.555 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.005 min
Lab File: VN077833.D
Acq: 24 May 2023 02:14

Tgt Ion:	128	Resp:	8283
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	8.5	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.567 ug/l

RT: 15.847 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077833.D

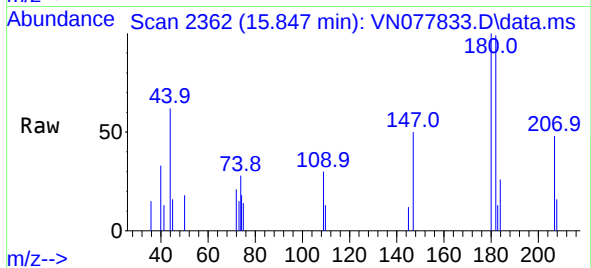
Acq: 24 May 2023 02:14

Instrument :

MSVOA_N

ClientSampleId :

PB152982TB



Tgt Ion:180 Resp: 2406

Ion Ratio Lower Upper

180 100

182 109.5 46.2 138.6

145 21.8 17.5 52.6

