

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077806.D
 Acq On : 23 May 2023 10:57
 Operator : JC\MD
 Sample : VN0523MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBL01

Quant Time: May 24 02:52:52 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	383746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	681800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	586401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248229	43.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.460%
35) Dibromofluoromethane	8.171	113	223694	50.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	10.576	98	832474	48.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.859	95	247558	40.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.920%#

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1416	Below Cal		100
5) Bromomethane	2.977	94	3322	0.816	ug/l #	78
10) Methyl Iodide	4.618	142	3293	0.650	ug/l #	80
13) Acrolein	4.194	56	899	Below Cal	#	40
15) Acrylonitrile	5.724	53	904	0.427	ug/l #	18
16) Acetone	4.424	43	536	0.297	ug/l #	40
17) Carbon Disulfide	4.724	76	5498	0.506	ug/l #	93
20) Methylene Chloride	5.294	84	3120	Below Cal	#	79
21) trans-1,2-Dichloroethene	5.800	96	1023	0.226	ug/l #	63
29) Tetrahydrofuran	7.853	42	899	0.486	ug/l #	55
31) Cyclohexane	8.229	56	8997	1.153	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	32527	5.002	ug/l #	48
38) Carbon Tetrachloride	8.235	117	42999	6.548	ug/l #	16
41) Methacrylonitrile	7.806	41	693	0.225	ug/l #	36
44) Trichloroethene	9.353	130	1622	0.334	ug/l	95
49) 1,4-Dioxane	9.712	88	173	2.041	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	2986	0.531	ug/l #	58
59) 2-Hexanone	11.206	43	3687	0.886	ug/l	95
65) Chlorobenzene	11.906	112	3243	0.255	ug/l	93
74) N-amyl acetate	12.506	43	2054	0.332	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.947	83	1217	0.236	ug/l #	85
76) 1,2,3-Trichloropropane	12.859	75	127084	26.131	ug/l #	1
77) Bromobenzene	12.988	156	1250	0.327	ug/l	89
78) n-propylbenzene	13.047	91	4161	0.211	ug/l	96
79) 2-Chlorotoluene	13.135	91	2492	0.212	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.859	75	127084	83.529	ug/l #	15
82) 4-Chlorotoluene	13.223	91	4698	0.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	3015	0.218	ug/l	95
85) sec-Butylbenzene	13.623	105	3886	0.223	ug/l	90
86) p-Isopropyltoluene	13.741	119	3139	0.226	ug/l	87
87) 1,3-Dichlorobenzene	13.741	146	3826	0.542	ug/l #	75
88) 1,4-Dichlorobenzene	13.741	146	3826	0.546	ug/l	77
89) n-Butylbenzene	14.064	91	5317	0.415	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	3766	0.571	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	14.723	75	570	0.572	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.400	180	4424	1.147	ug/l	98

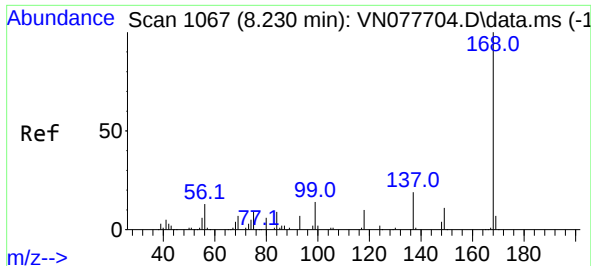
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
Data File : VN077806.D
Acq On : 23 May 2023 10:57
Operator : JC\MD
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Quant Time: May 24 02:52:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.500	225	1126	0.703	ug/l	69
95) Naphthalene	15.653	128	17647	1.329	ug/l	96
96) 1,2,3-Trichlorobenzene	15.852	180	5014	1.328	ug/l	85

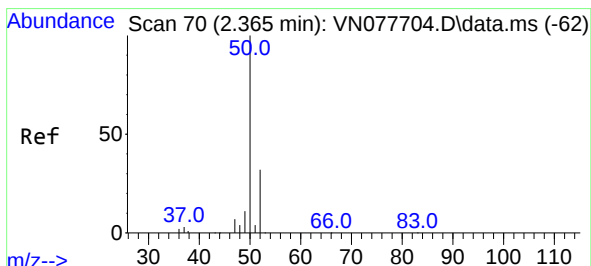
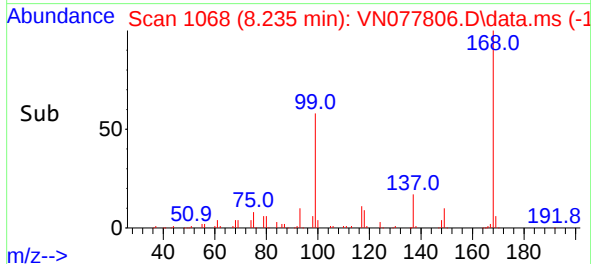
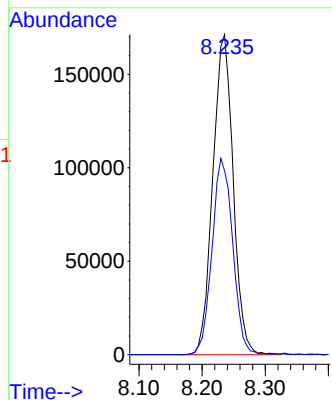
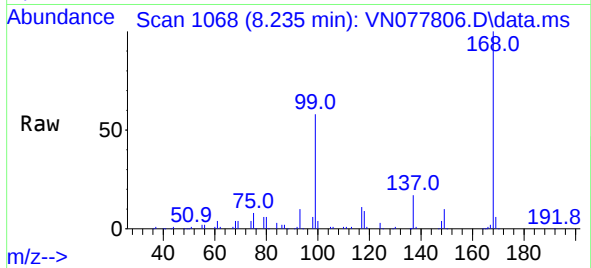
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

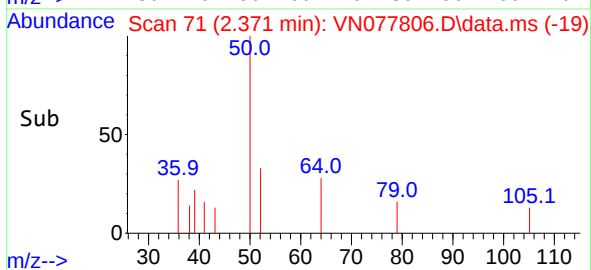
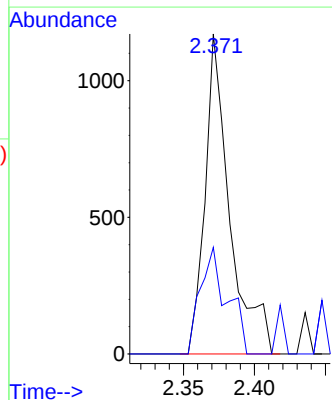
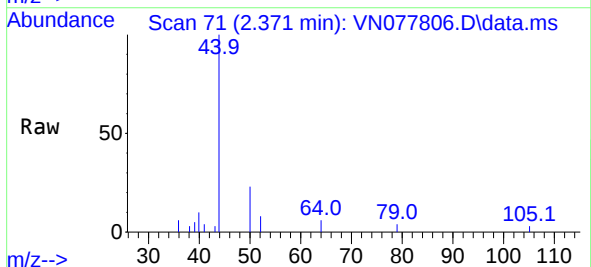
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

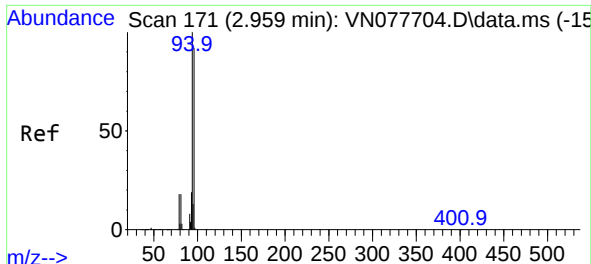
Tgt Ion:168 Resp: 383746
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 50 Resp: 1416
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

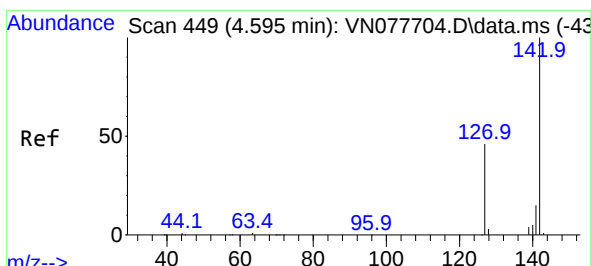
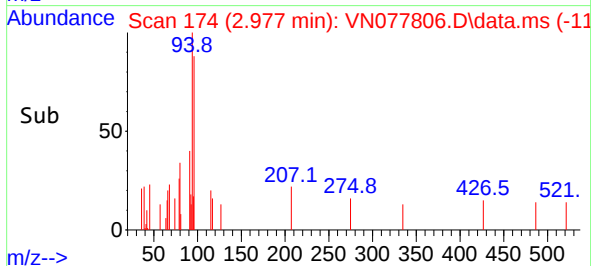
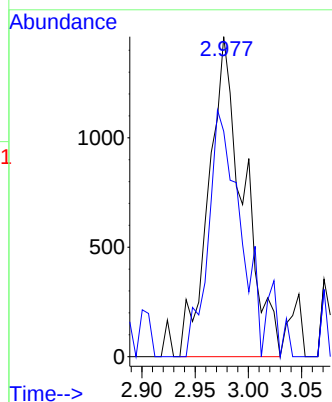
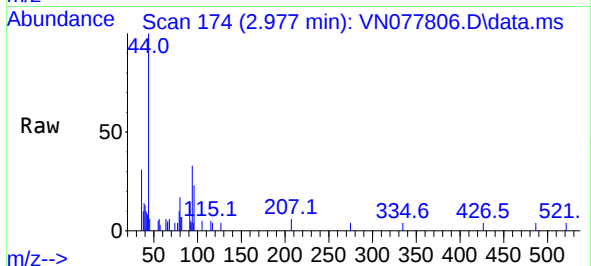




#5
Bromomethane
Concen: 0.816 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

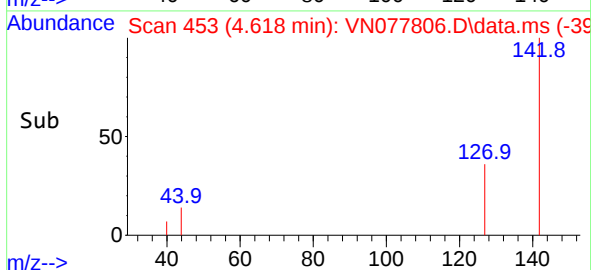
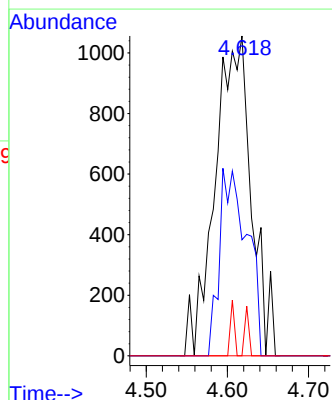
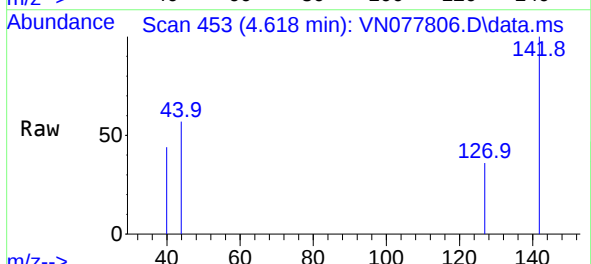
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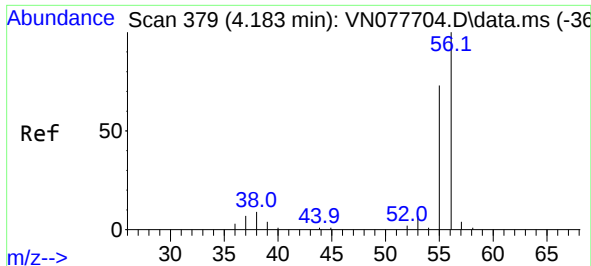
Tgt Ion: 94 Resp: 3322
Ion Ratio Lower Upper
94 100
96 70.4 73.1 109.7#



#10
Methyl Iodide
Concen: 0.650 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.024 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion:142 Resp: 3293
Ion Ratio Lower Upper
142 100
127 36.3 37.6 56.4#
141 0.0 11.4 17.0#

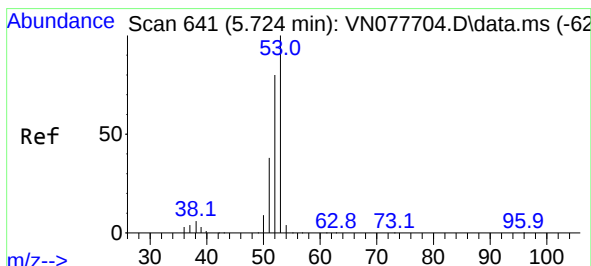
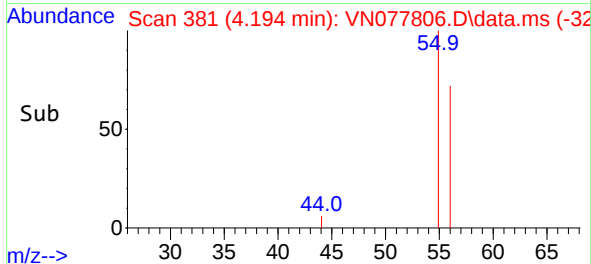
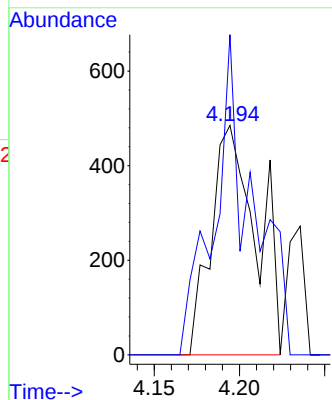
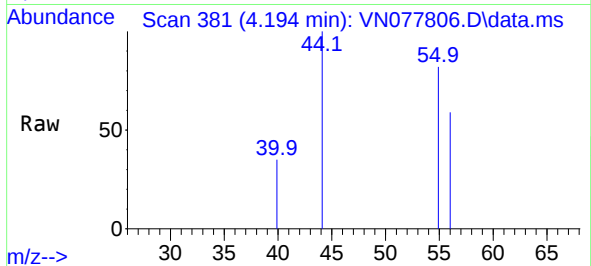




#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

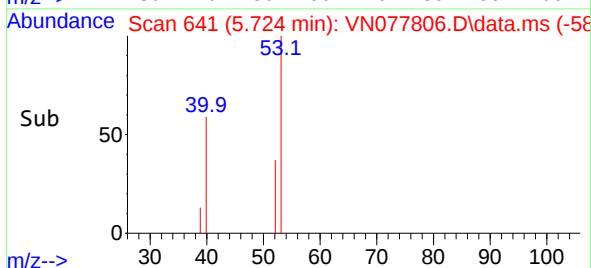
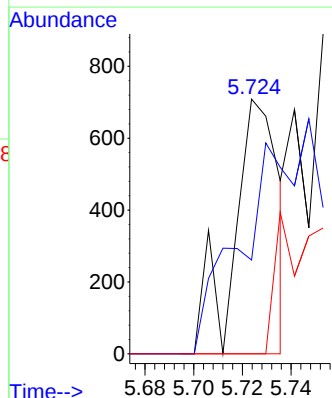
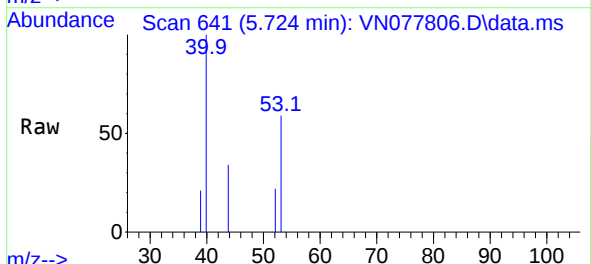
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

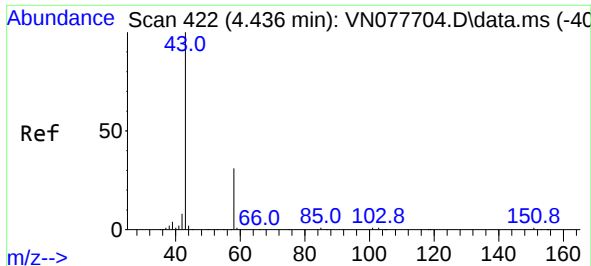
Tgt Ion: 56 Resp: 899
Ion Ratio Lower Upper
56 100
55 116.5 54.5 81.7#



#15
Acrylonitrile
Concen: 0.427 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 53 Resp: 904
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#

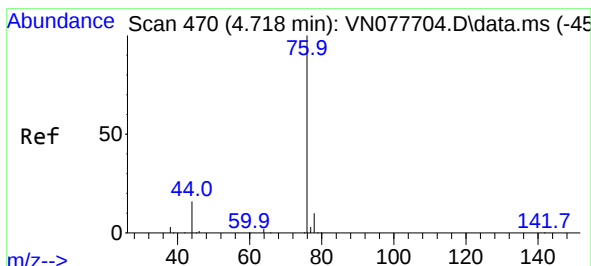
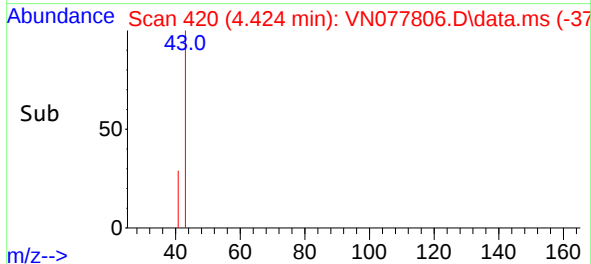
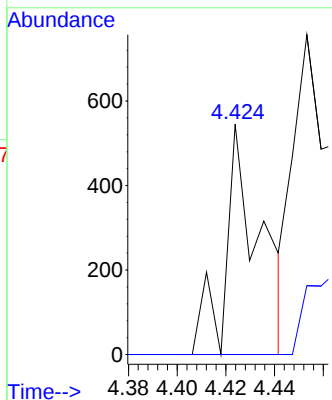
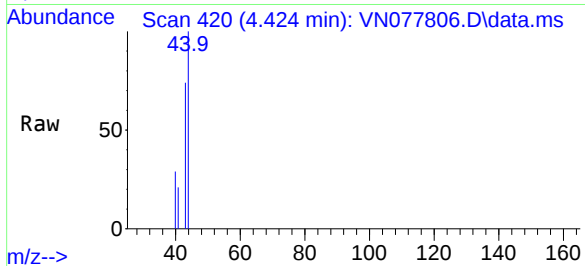




#16
Acetone
Concen: 0.297 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

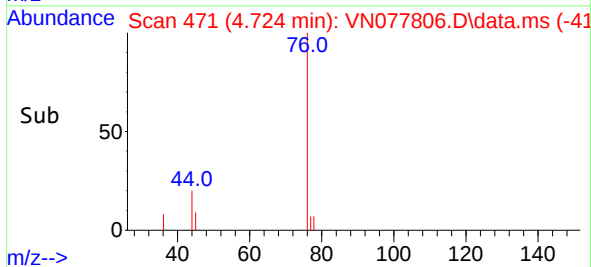
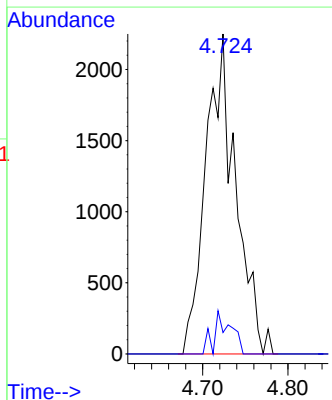
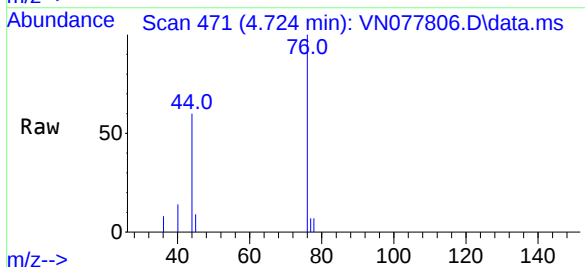
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

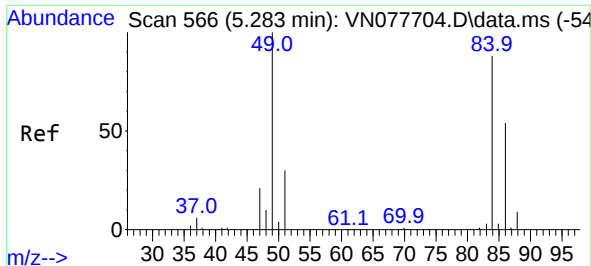
Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.506 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

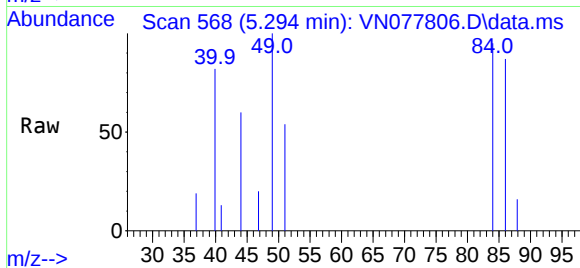
Tgt Ion: 76 Resp: 5498
Ion Ratio Lower Upper
76 100
78 6.7 7.4 11.0#



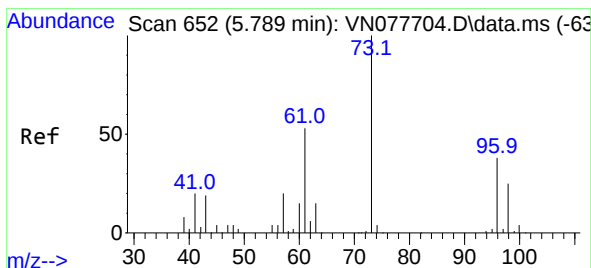
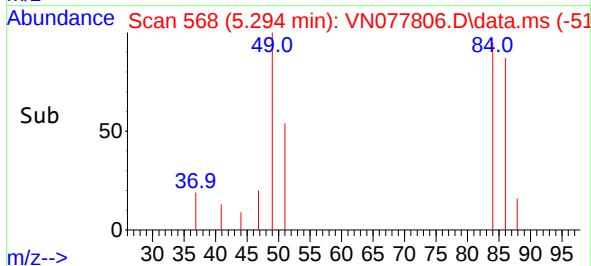
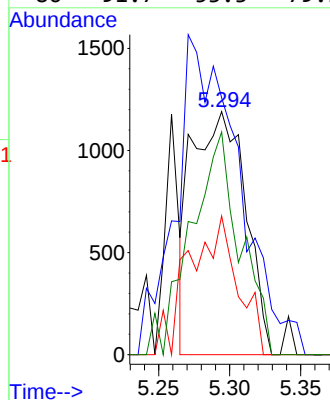


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

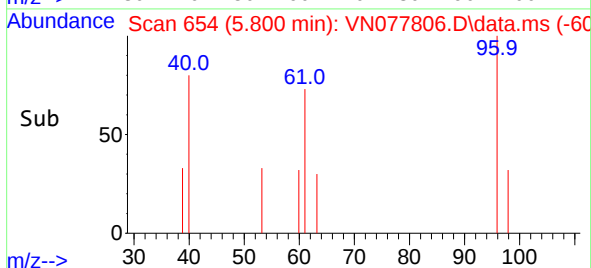
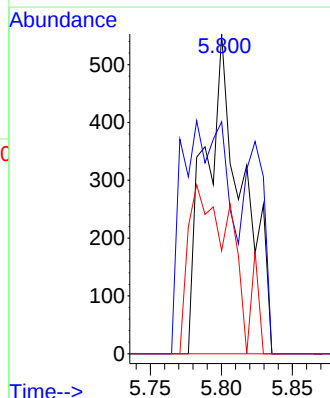
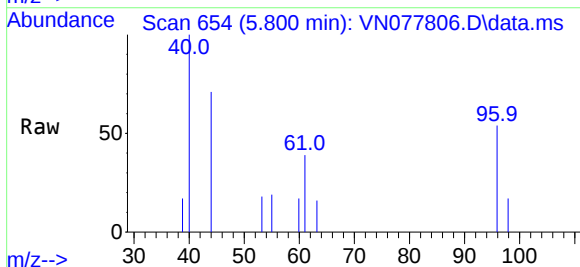


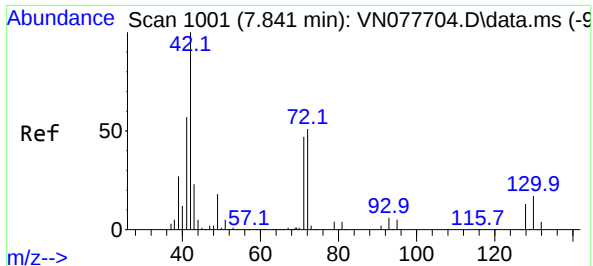
Tgt Ion: 84 Resp: 3120
Ion Ratio Lower Upper
84 100
49 92.9 79.7 119.5
51 57.1 25.2 37.8#
86 91.7 53.3 79.9#



#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 96 Resp: 1023
Ion Ratio Lower Upper
96 100
61 72.5 90.1 135.1#
98 32.2 46.4 69.6#





#29

Tetrahydrofuran

Concen: 0.486 ug/l

RT: 7.853 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VN077806.D

Acq: 23 May 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01

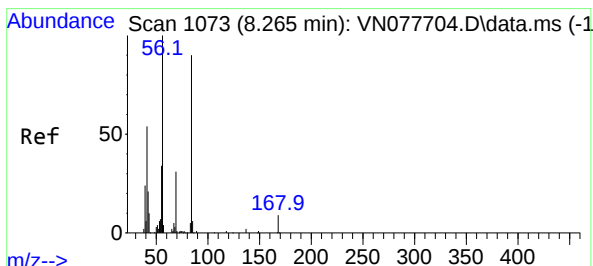
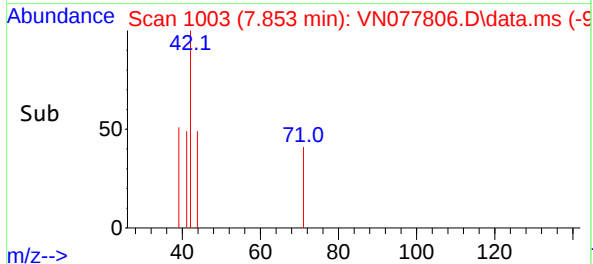
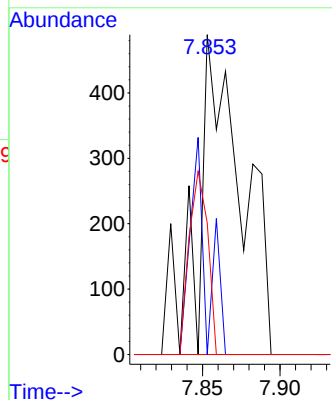
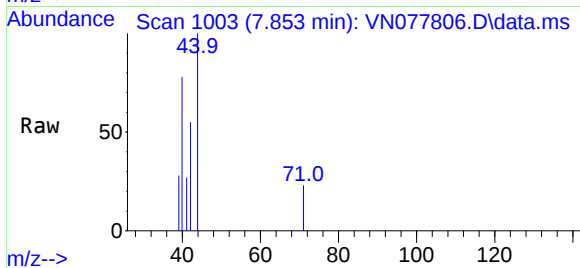
Tgt Ion: 42 Resp: 899

Ion Ratio Lower Upper

42 100

72 27.8 49.8 74.6#

71 25.9 47.4 71.2#



#31

Cyclohexane

Concen: 1.153 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.036 min

Lab File: VN077806.D

Acq: 23 May 2023 10:57

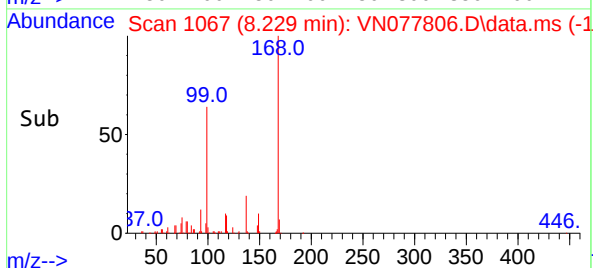
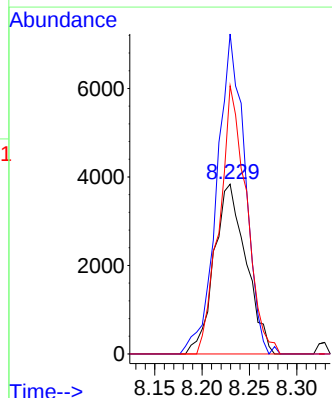
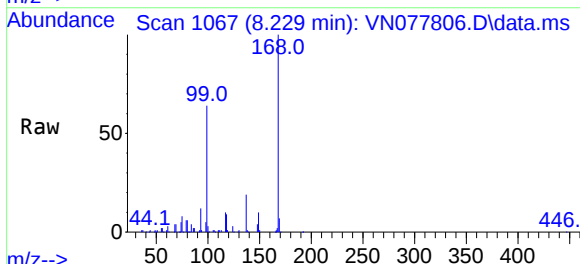
Tgt Ion: 56 Resp: 8997

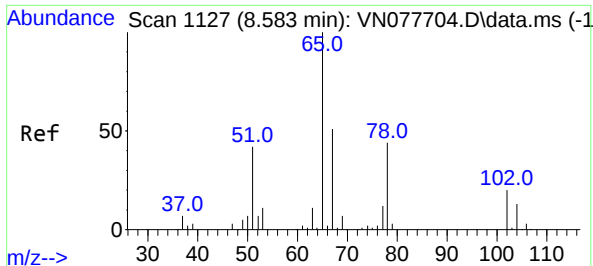
Ion Ratio Lower Upper

56 100

69 188.5 26.8 40.2#

84 158.0 81.8 122.6#

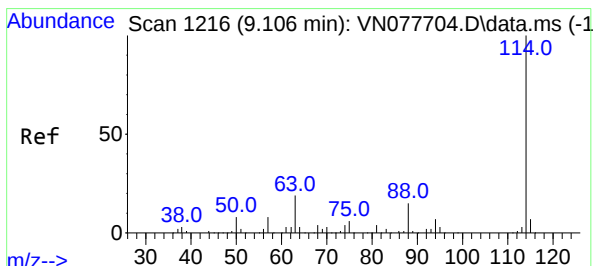
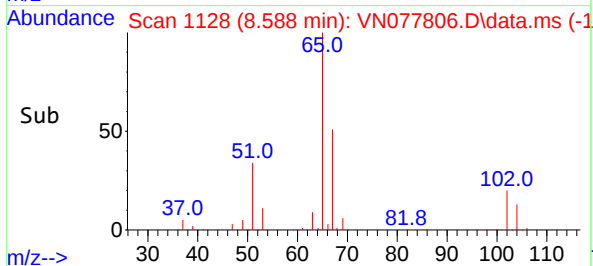
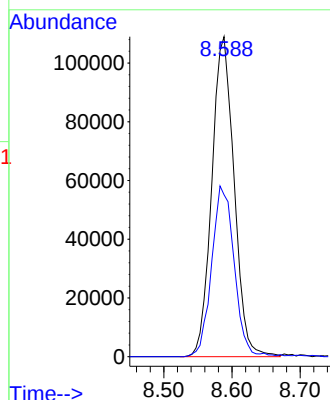
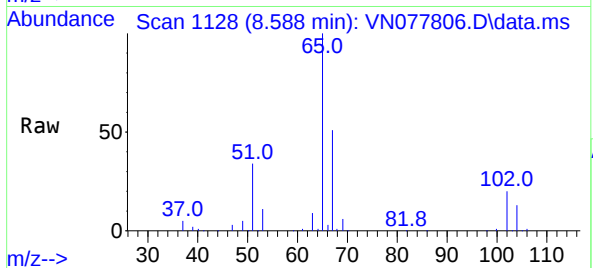




#33
1,2-Dichloroethane-d4
Concen: 43.232 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

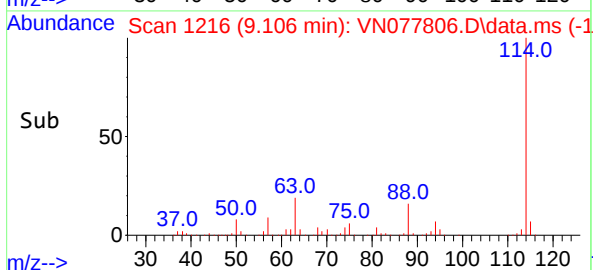
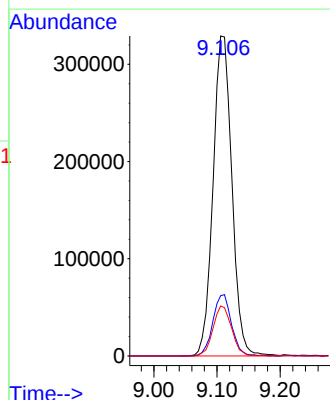
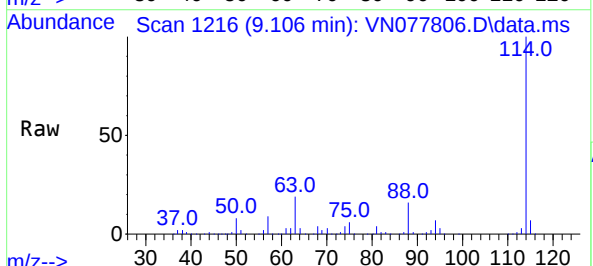
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

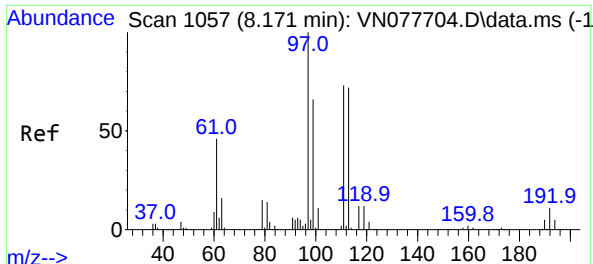
Tgt Ion: 65 Resp: 248229
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 114 Resp: 681800
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.4
88 15.6 0.0 30.6

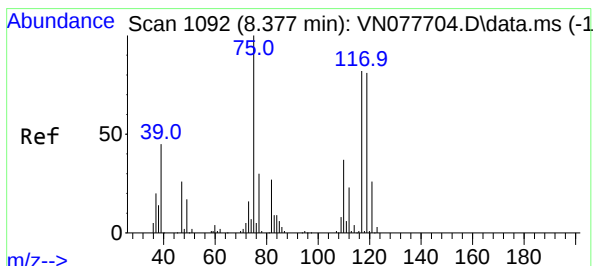
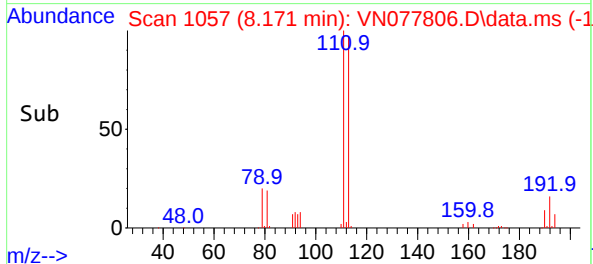
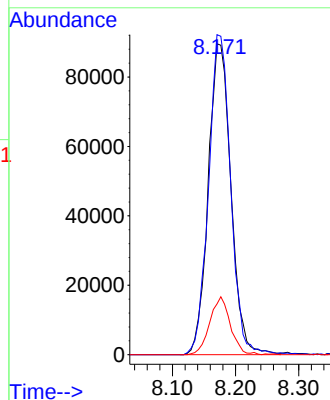
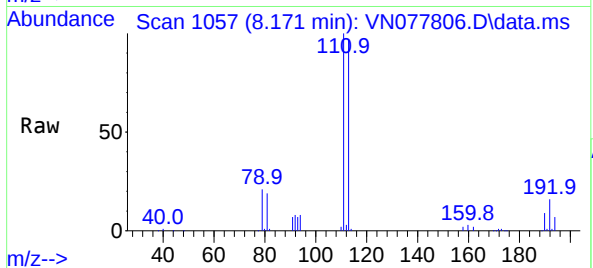




#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

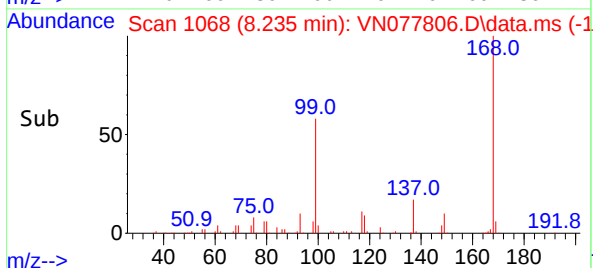
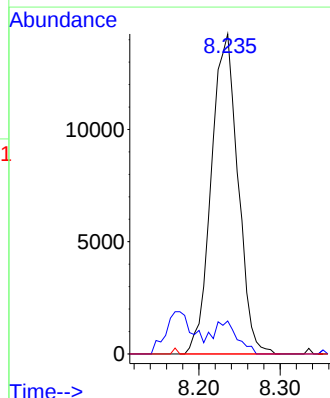
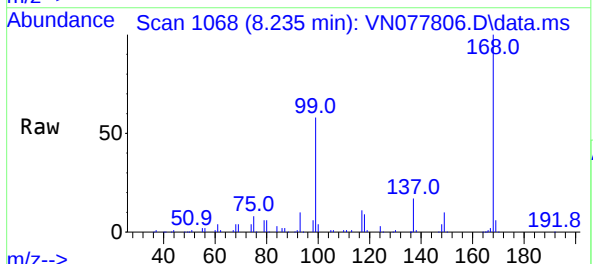
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

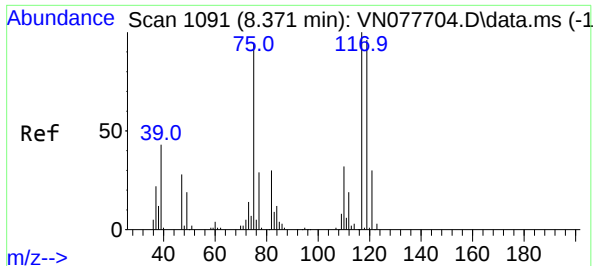
Tgt Ion:113 Resp: 223694
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.002 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

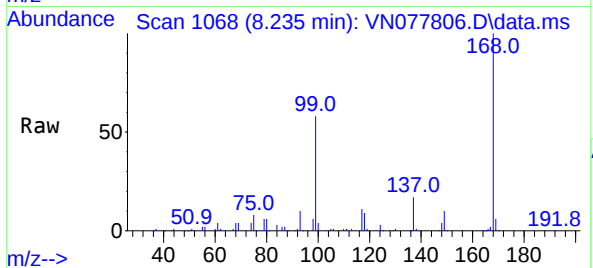
Tgt Ion: 75 Resp: 32527
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.0 37.4#



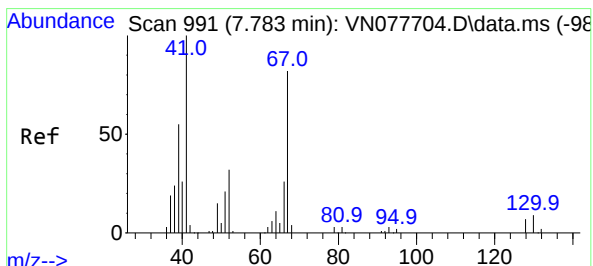
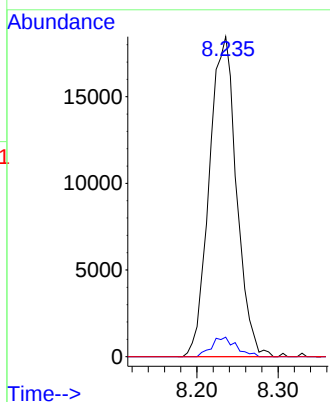
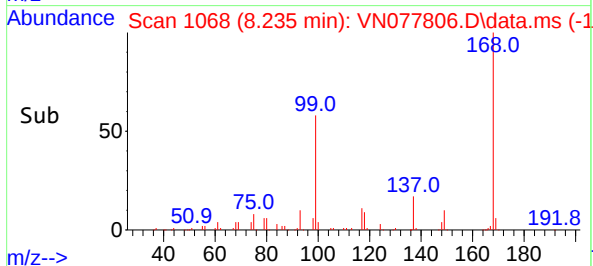


#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

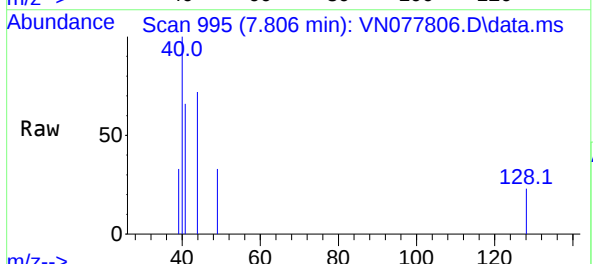
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01



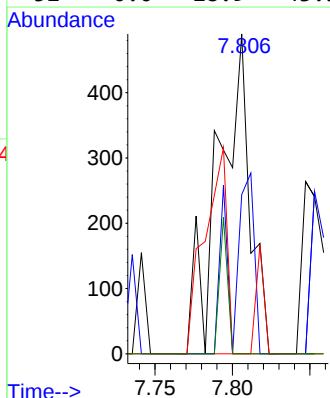
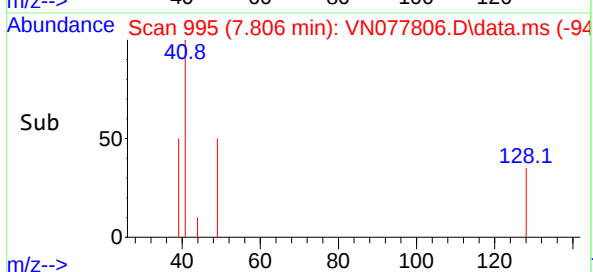
Tgt Ion:117 Resp: 42999
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#

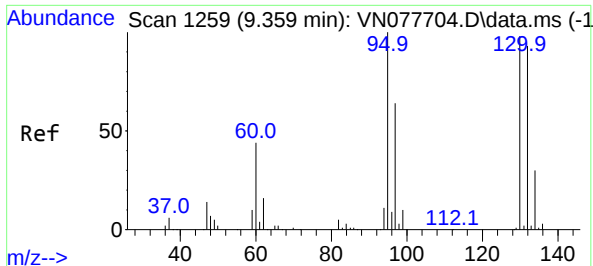


#41
Methacrylonitrile
Concen: 0.225 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.024 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57



Tgt Ion: 41 Resp: 693
Ion Ratio Lower Upper
41 100
39 39.7 42.6 64.0#
67 8.5 77.5 116.3#
52 0.0 28.9 43.3#

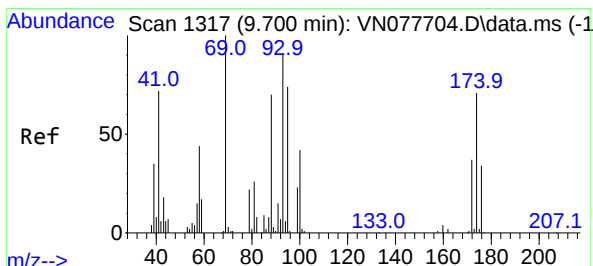
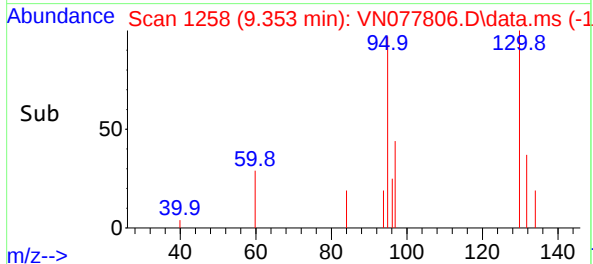
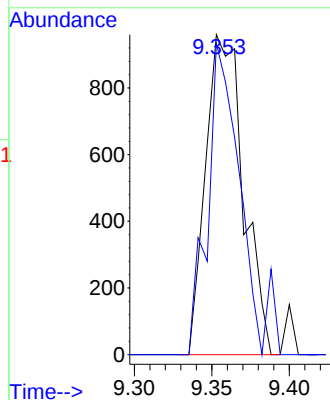
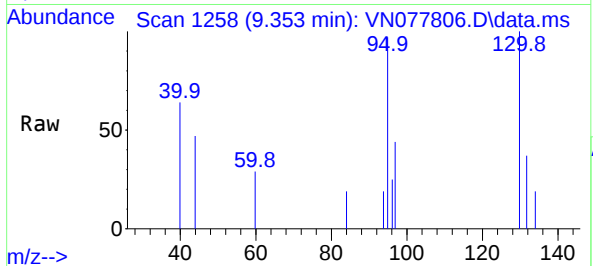




#44
Trichloroethene
Concen: 0.334 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

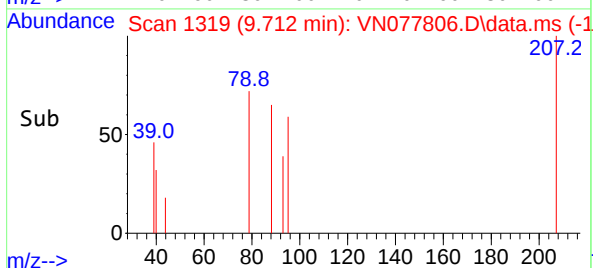
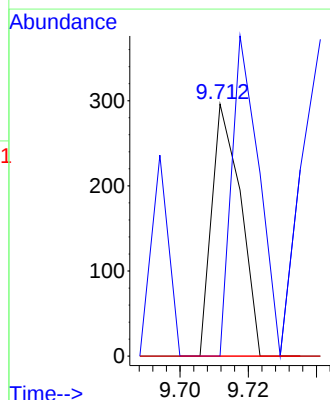
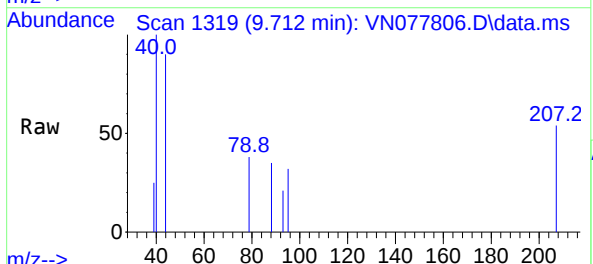
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

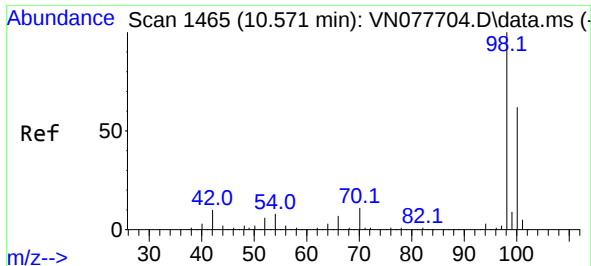
Tgt Ion:130 Resp: 1622
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6



#49
1,4-Dioxane
Concen: 2.041 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
43 120.2 17.0 25.6#
58 0.0 47.0 70.4#

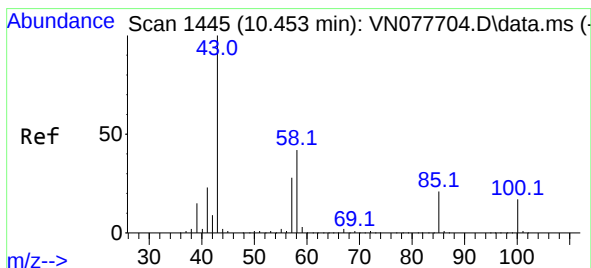
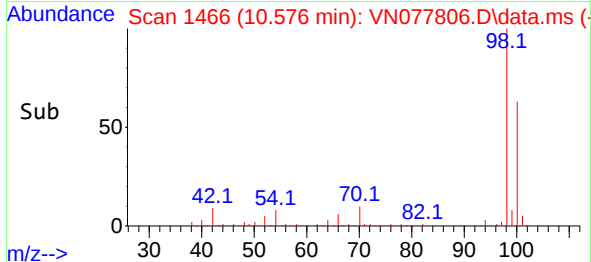
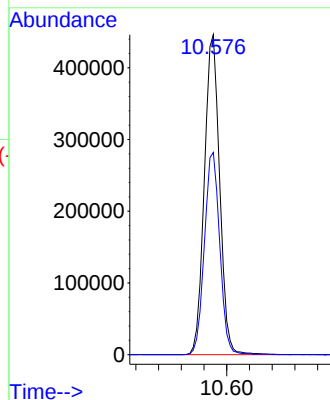
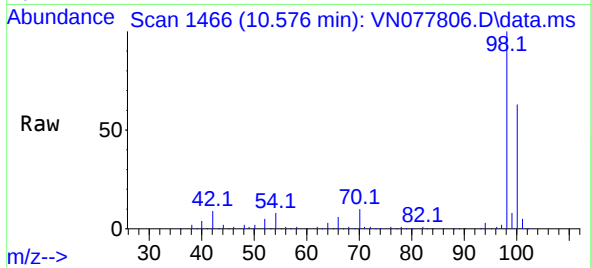




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

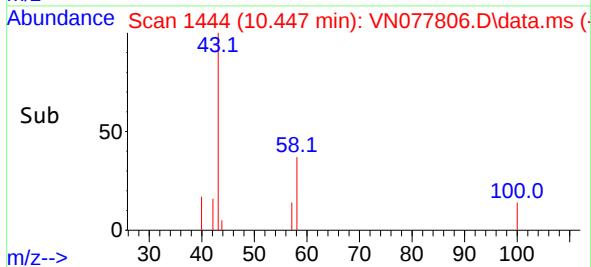
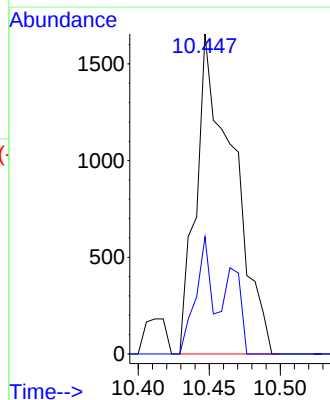
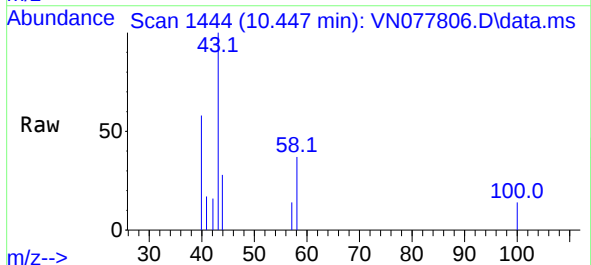
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

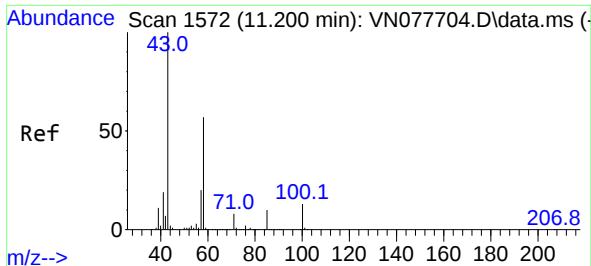
Tgt Ion: 98 Resp: 832474
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 43 Resp: 2986
Ion Ratio Lower Upper
43 100
58 17.8 36.6 54.8#

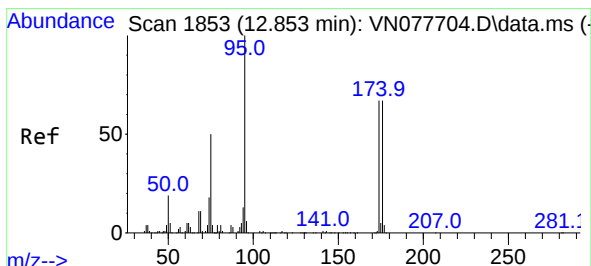
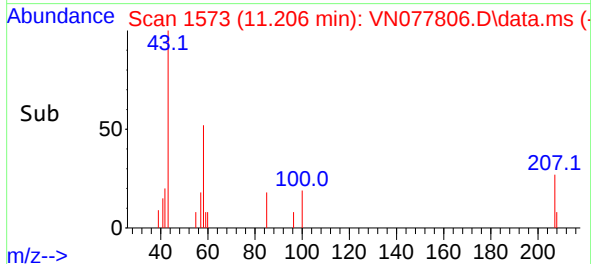
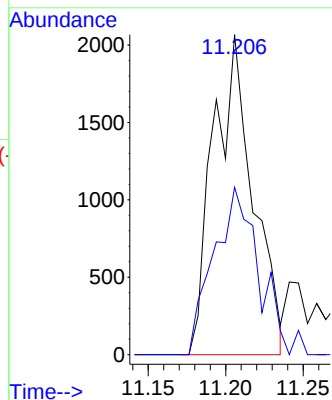
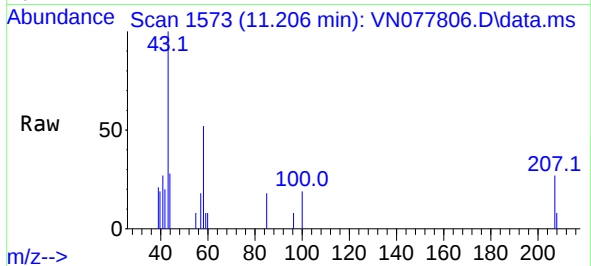




#59
2-Hexanone
Concen: 0.886 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

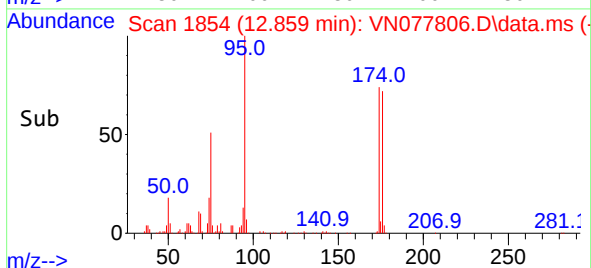
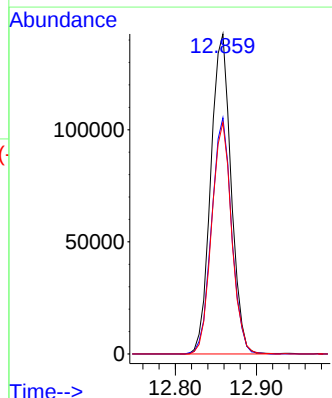
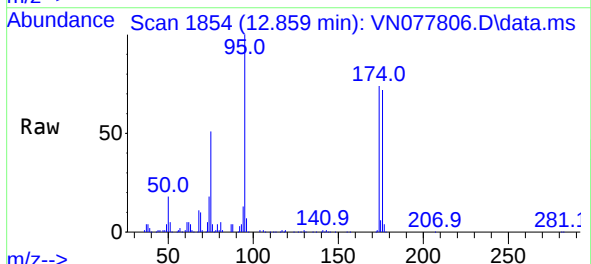
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

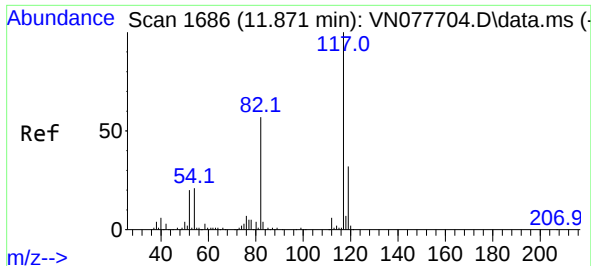
Tgt Ion: 43 Resp: 3687
Ion Ratio Lower Upper
43 100
58 59.7 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 40.960 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 95 Resp: 247558
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 71.1 0.0 135.8

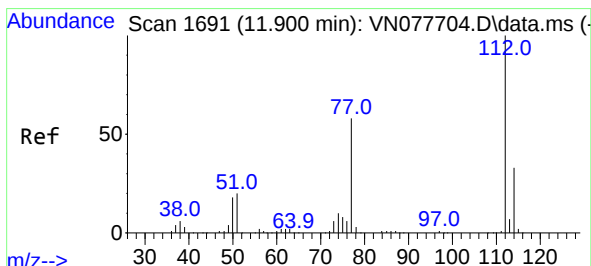
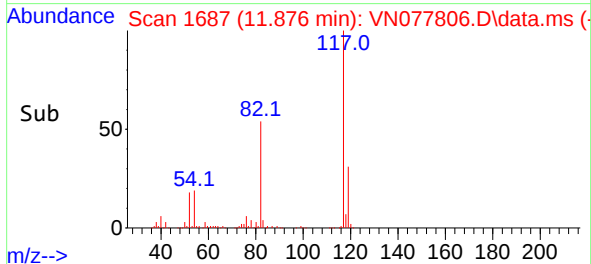
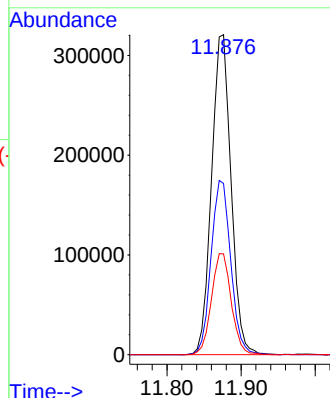
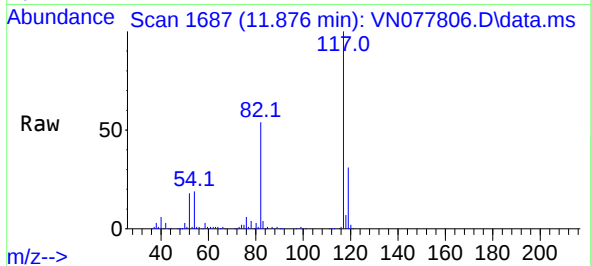




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

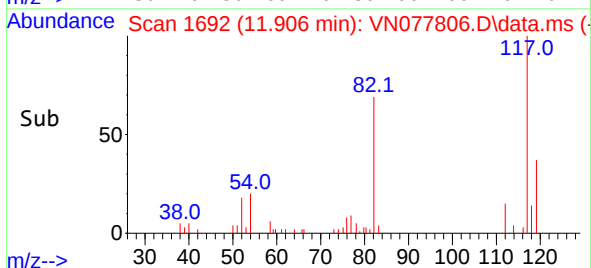
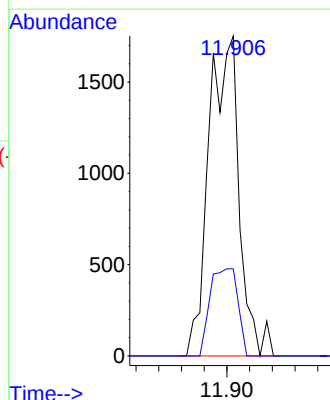
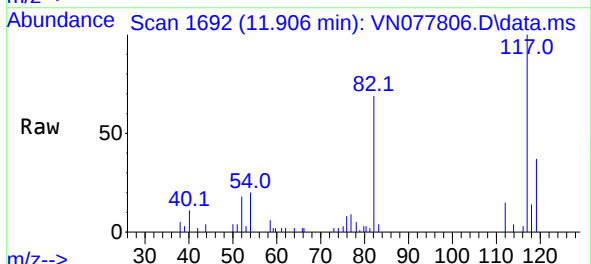
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

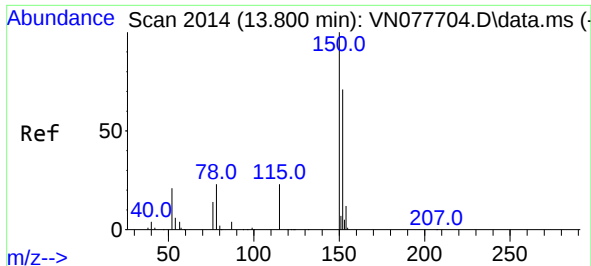
Tgt Ion:117 Resp: 586401
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 31.5 25.6 38.4



#65
Chlorobenzene
Concen: 0.255 ug/l
RT: 11.906 min Scan# 1692
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion:112 Resp: 3243
Ion Ratio Lower Upper
112 100
114 27.2 25.0 37.4

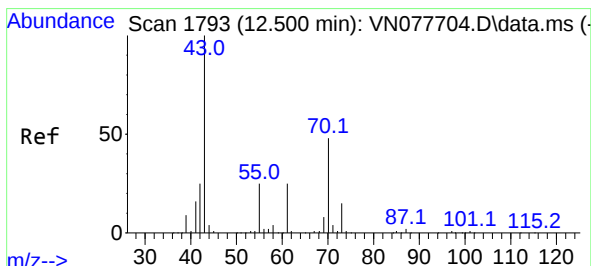
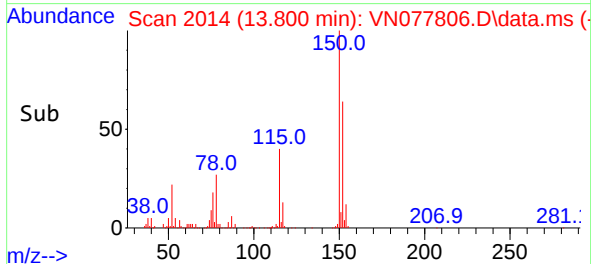
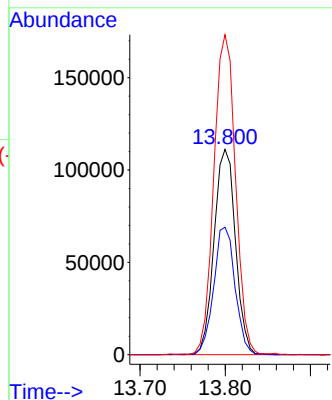
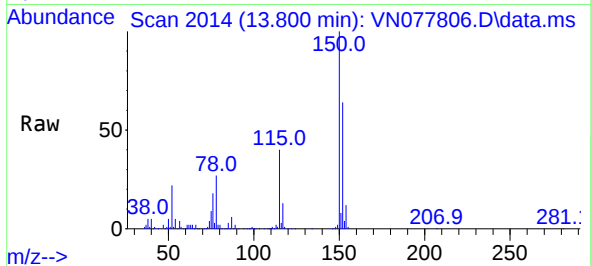




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

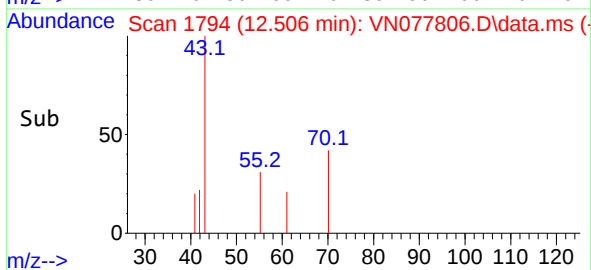
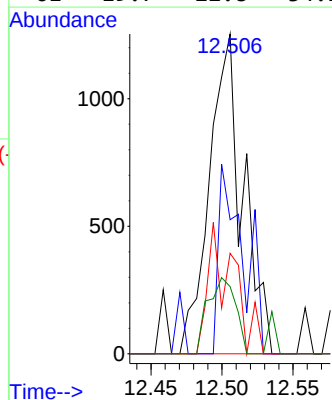
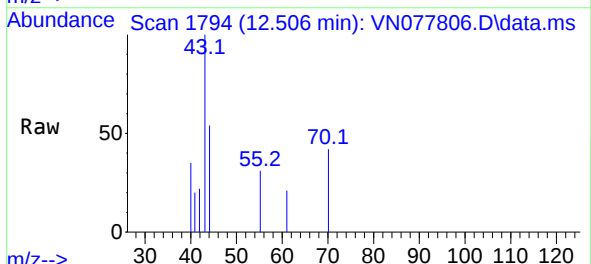
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

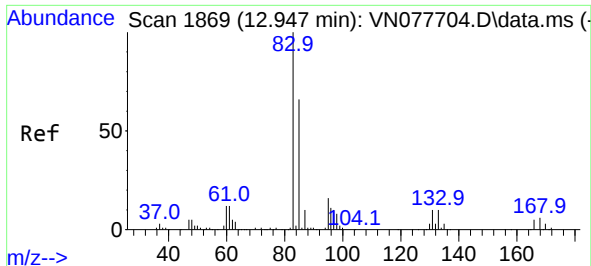
Tgt Ion:152 Resp: 194194
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 156.8 0.0 355.8



#74
N-ethyl acetate
Concen: 0.332 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 31.4 21.4 32.0
61 19.7 22.8 34.2#

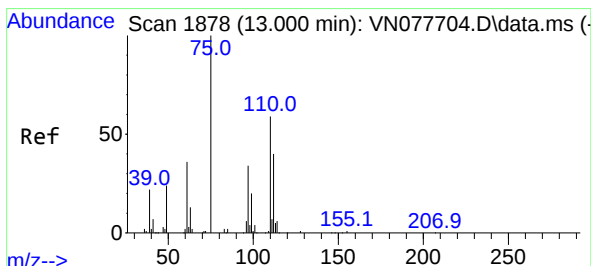
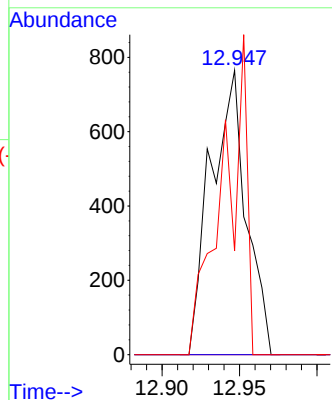
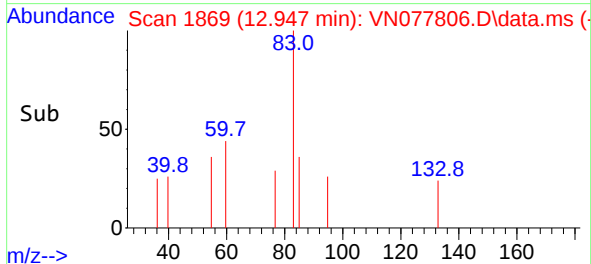
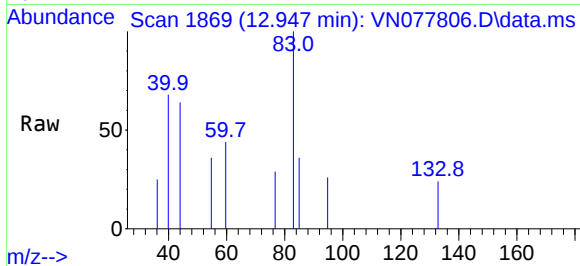




#75
1,1,2,2-Tetrachloroethane
Concen: 0.236 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

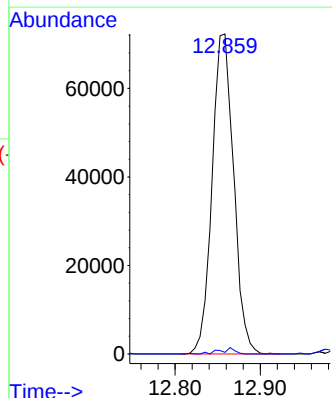
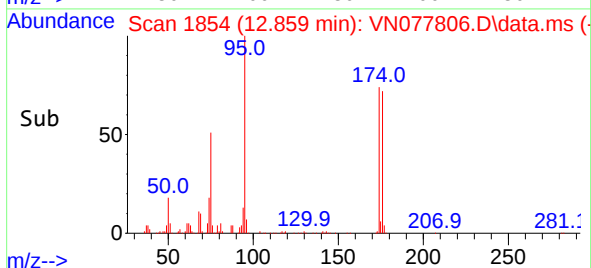
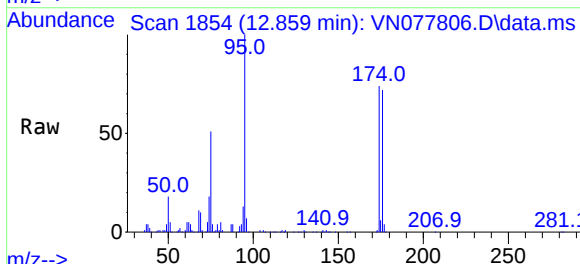
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

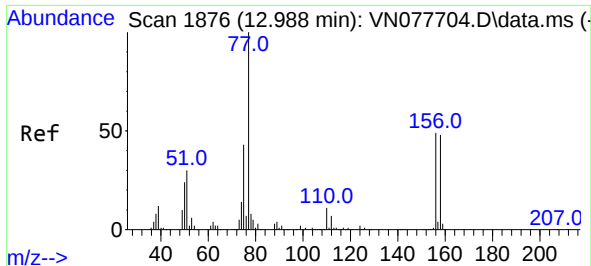
Tgt Ion: 83 Resp: 1217
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 73.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.131 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 75 Resp: 127084
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#

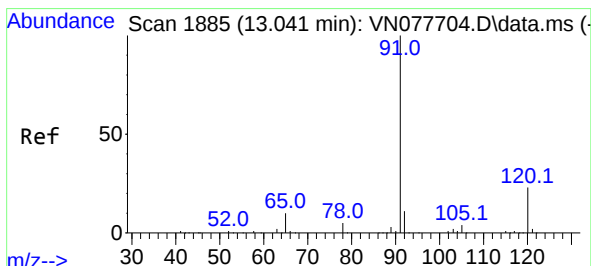
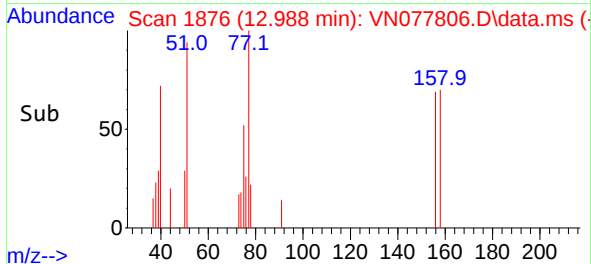
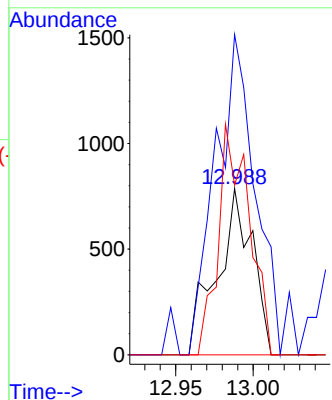
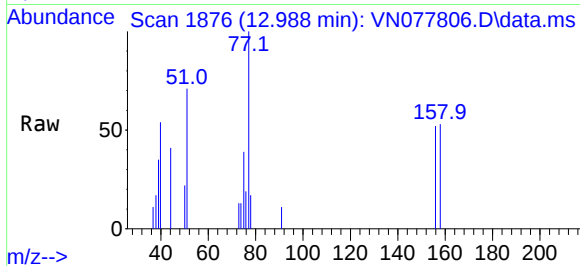




#77
Bromobenzene
Concen: 0.327 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

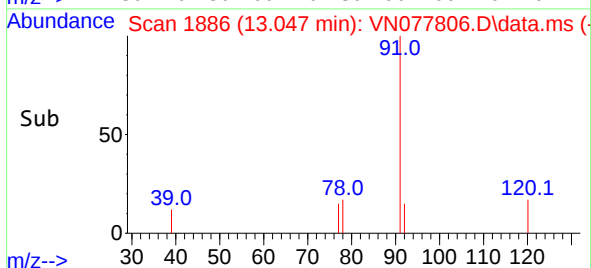
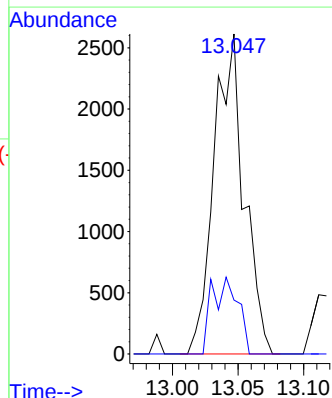
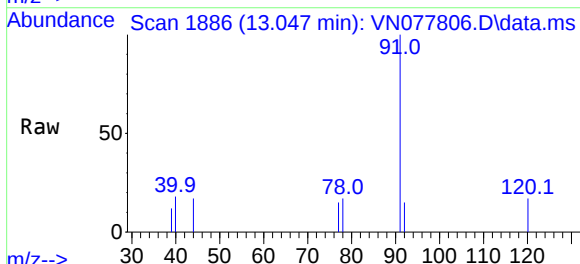
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

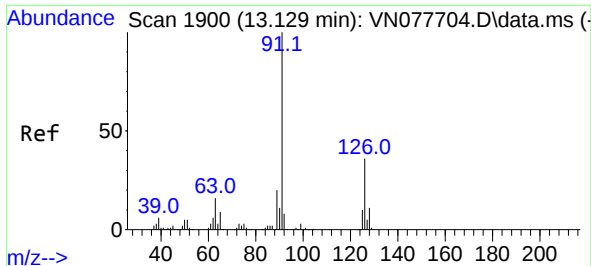
Tgt Ion:156 Resp: 1250
Ion Ratio Lower Upper
156 100
77 223.3 107.7 323.3
158 121.3 48.4 145.3



#78
n-propylbenzene
Concen: 0.211 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 91 Resp: 4161
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4

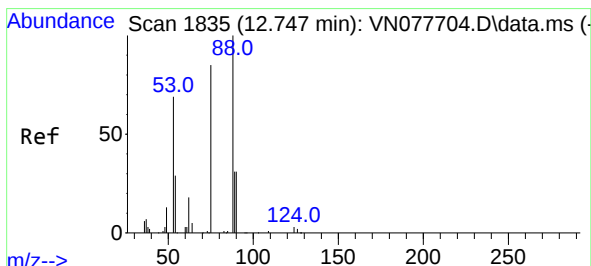
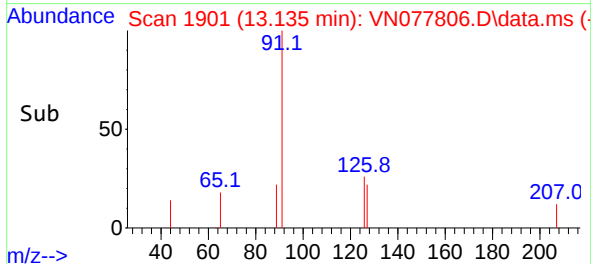
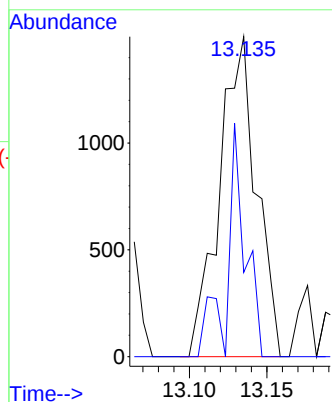
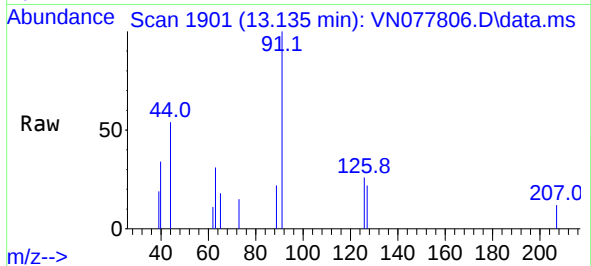




#79
2-Chlorotoluene
Concen: 0.212 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

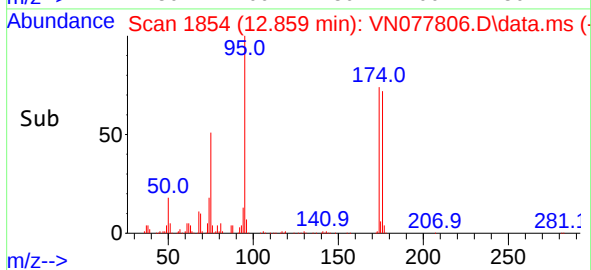
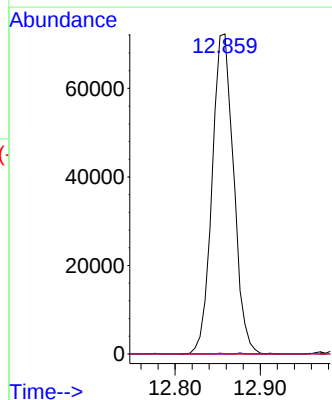
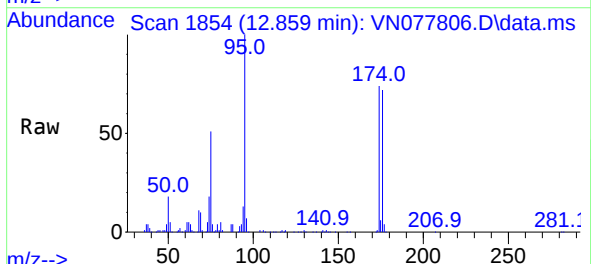
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

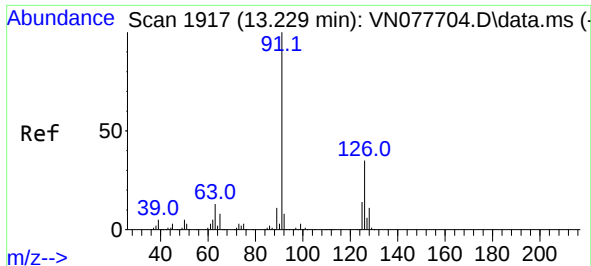
Tgt Ion: 91 Resp: 2492
Ion Ratio Lower Upper
91 100
126 35.9 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 83.529 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 75 Resp: 127084
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

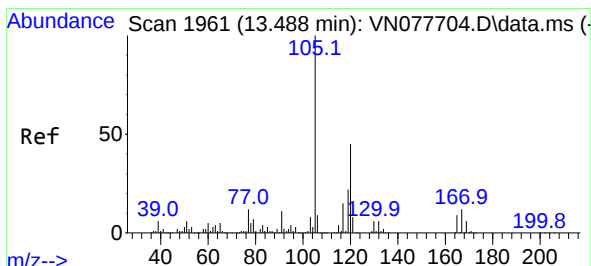
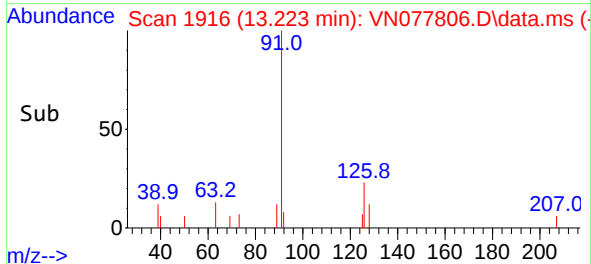
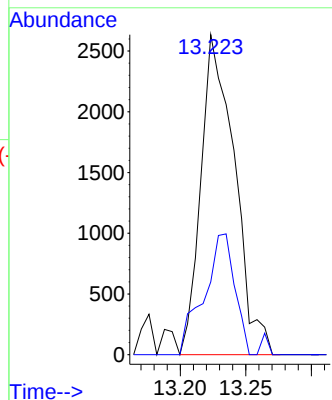
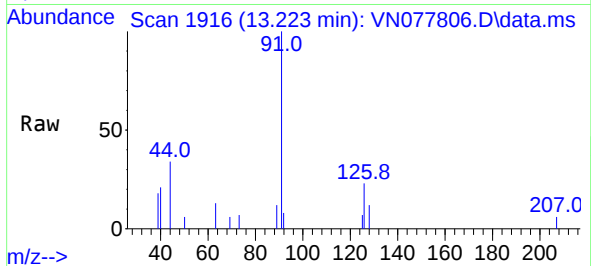




#82
4-Chlorotoluene
Concen: 0.401 ug/l
RT: 13.223 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

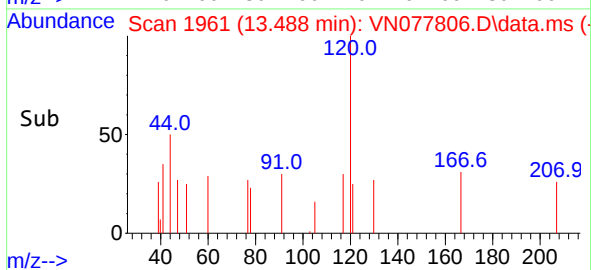
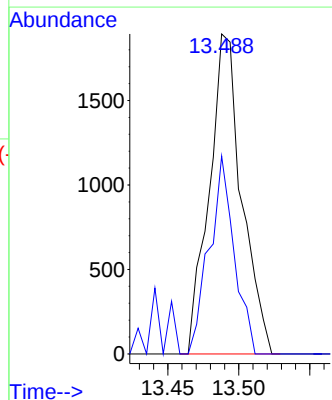
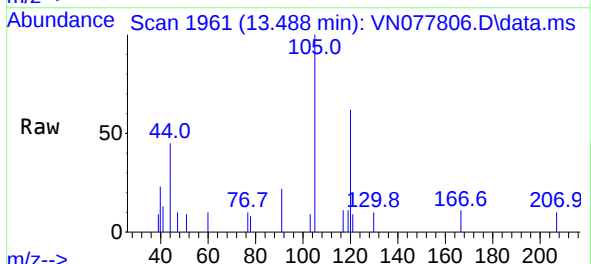
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

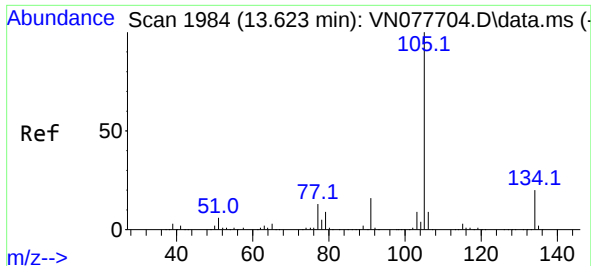
Tgt Ion: 91 Resp: 4698
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.218 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 105 Resp: 3015
Ion Ratio Lower Upper
105 100
120 47.2 22.0 66.0

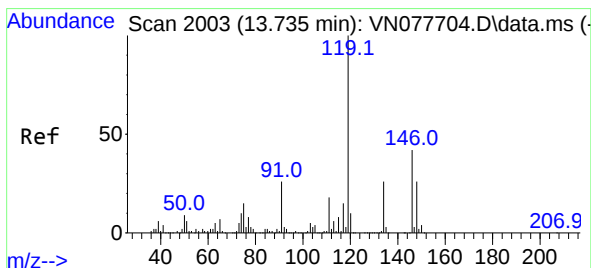
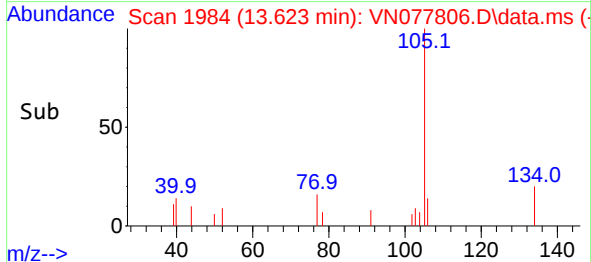
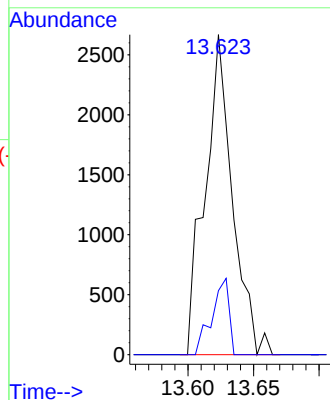
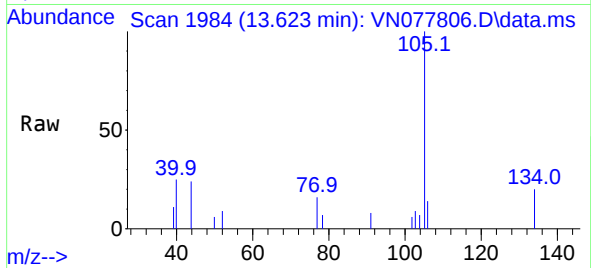




#85
 sec-Butylbenzene
 Concen: 0.223 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077806.D
 Acq: 23 May 2023 10:57

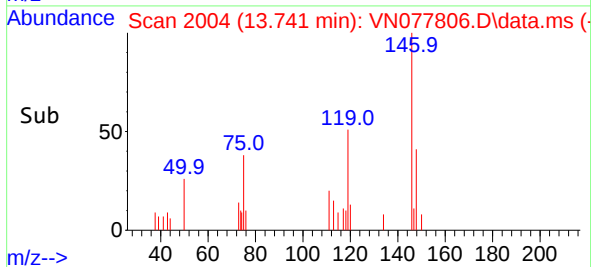
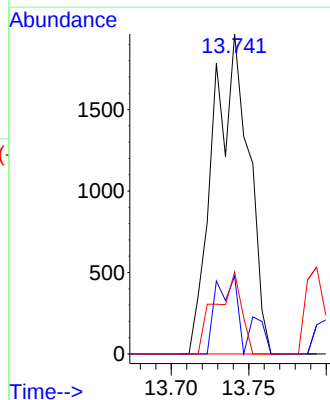
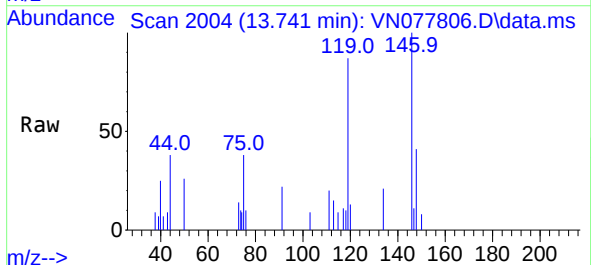
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBL01

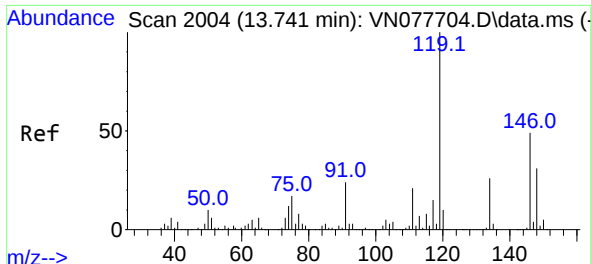
Tgt Ion:105 Resp: 3886
 Ion Ratio Lower Upper
 105 100
 134 14.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.226 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN077806.D
 Acq: 23 May 2023 10:57

Tgt Ion:119 Resp: 3139
 Ion Ratio Lower Upper
 119 100
 134 18.9 12.6 37.8
 91 18.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.542 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077806.D

Acq: 23 May 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01

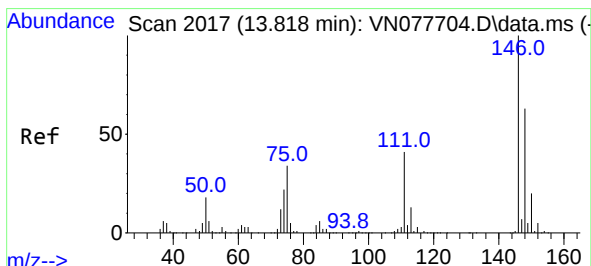
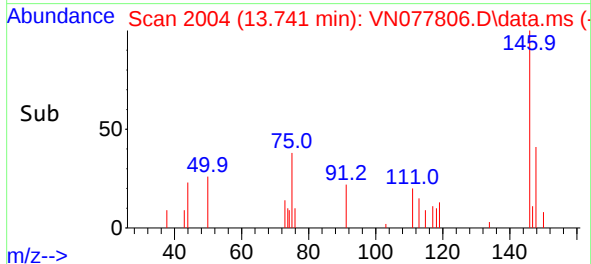
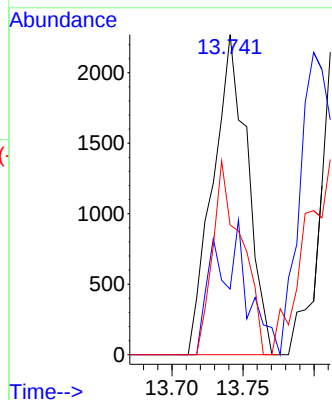
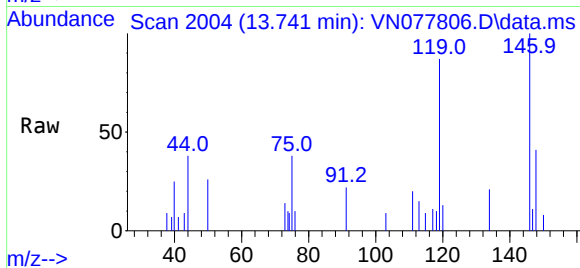
Tgt Ion:146 Resp: 3826

Ion Ratio Lower Upper

146 100

111 20.8 22.1 66.3#

148 50.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.546 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.076 min

Lab File: VN077806.D

Acq: 23 May 2023 10:57

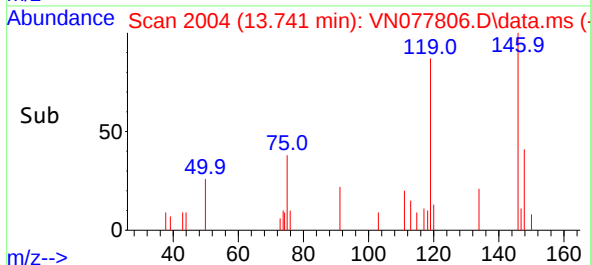
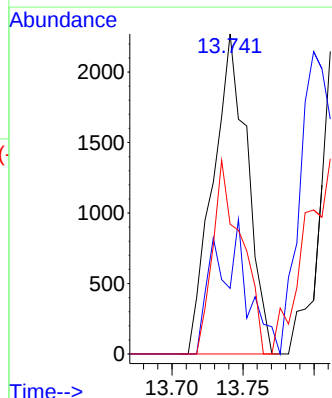
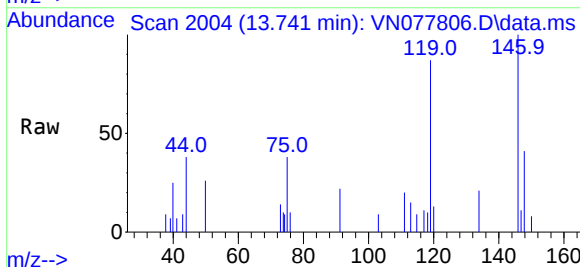
Tgt Ion:146 Resp: 3826

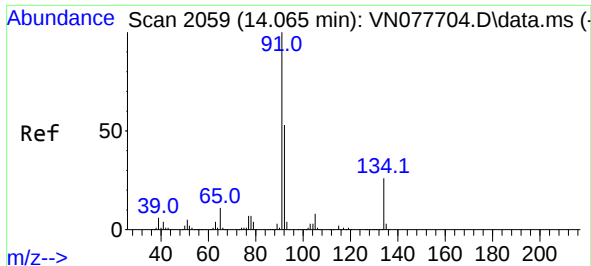
Ion Ratio Lower Upper

146 100

111 20.8 20.6 61.8

148 50.5 31.6 94.8

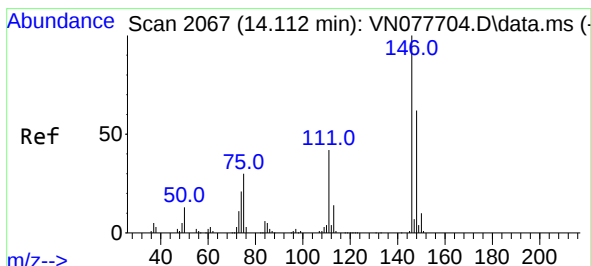
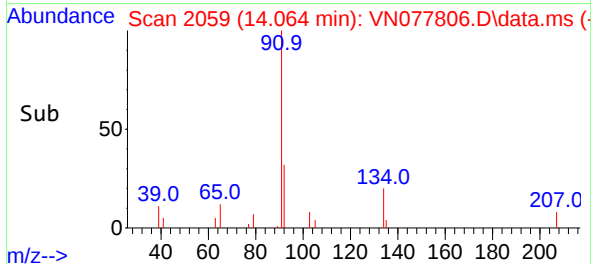
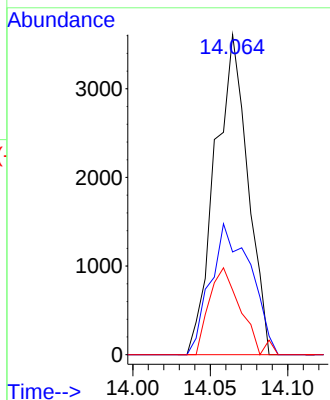
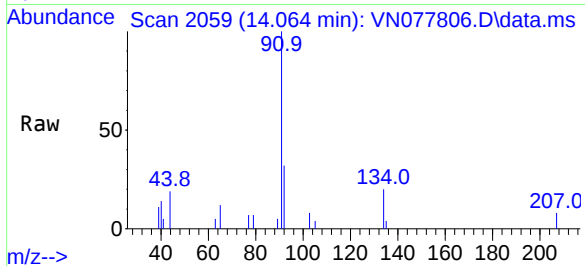




#89
n-Butylbenzene
Concen: 0.415 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

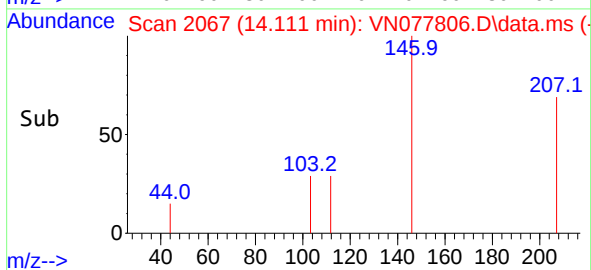
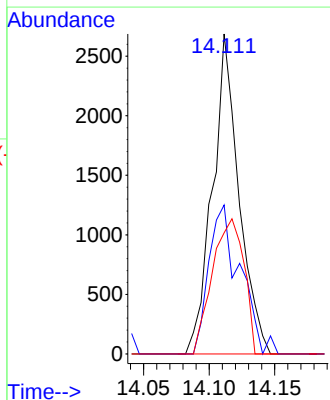
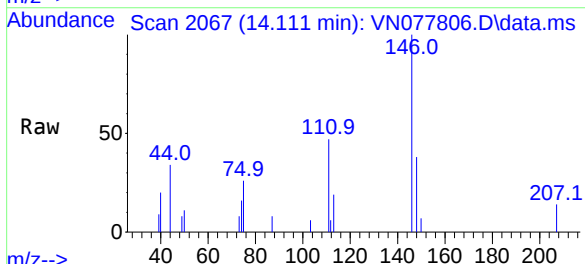
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

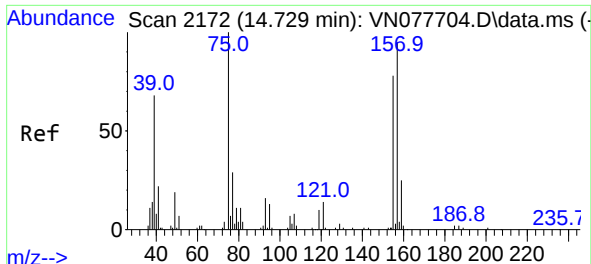
Tgt Ion: 91 Resp: 5317
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 26.2 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.571 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 146 Resp: 3766
Ion Ratio Lower Upper
146 100
111 55.0 22.0 66.0
148 50.5 31.8 95.3

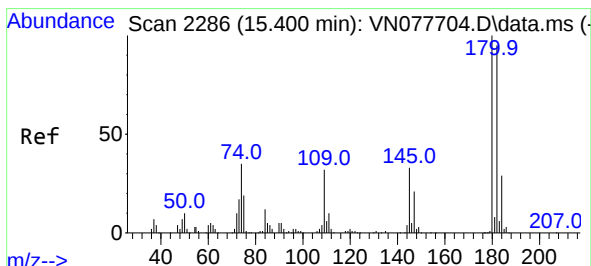
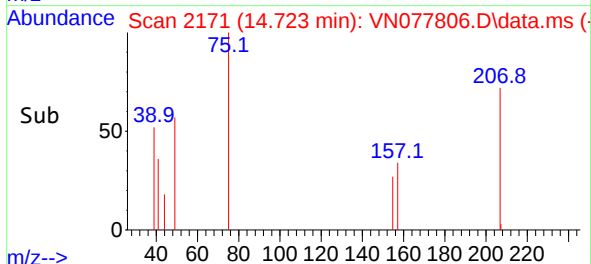
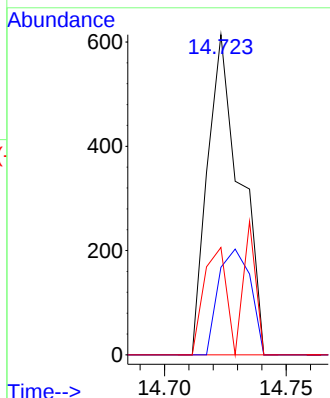
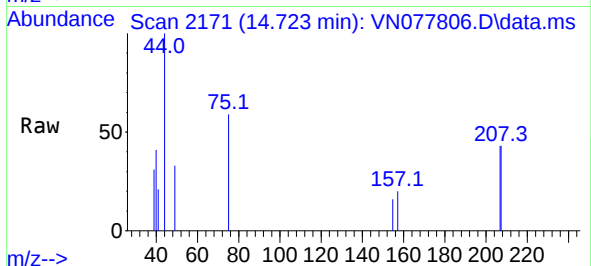




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.572 ug/l
RT: 14.723 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

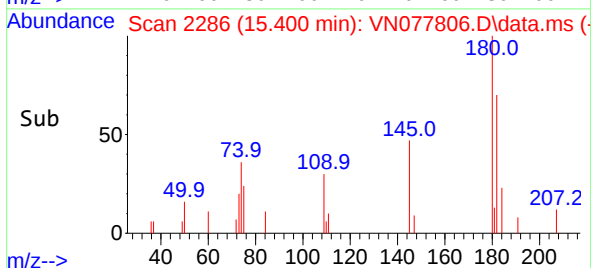
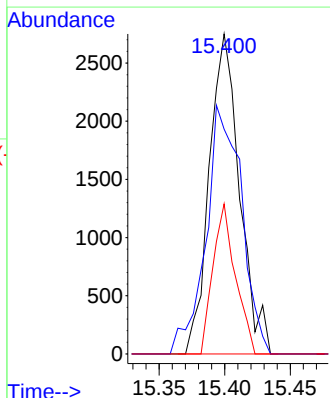
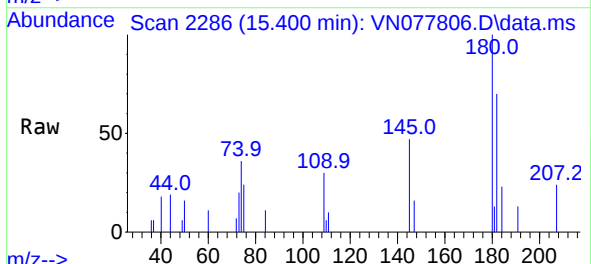
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

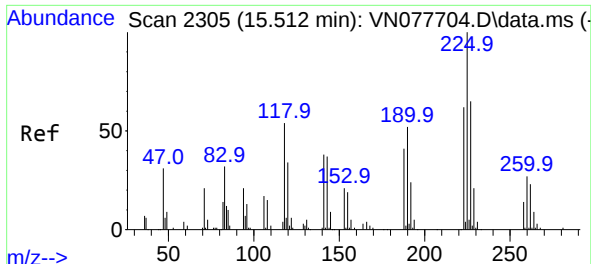
Tgt Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
155 32.6 39.1 117.2#
157 23.2 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.147 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion: 180 Resp: 4424
Ion Ratio Lower Upper
180 100
182 91.0 46.1 138.2
145 34.6 16.6 49.8

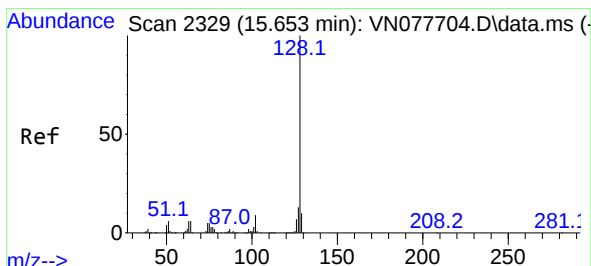
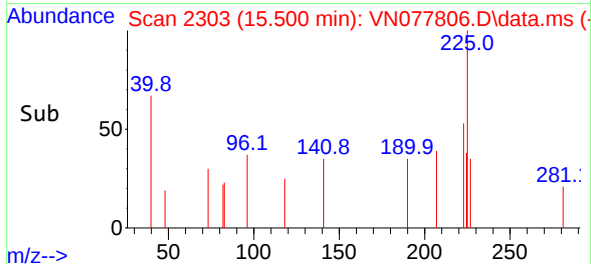
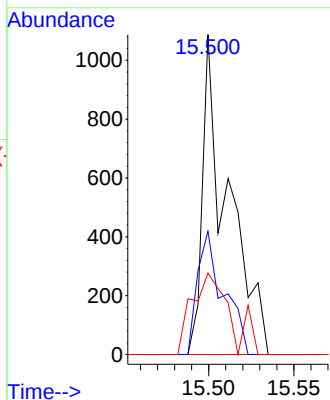
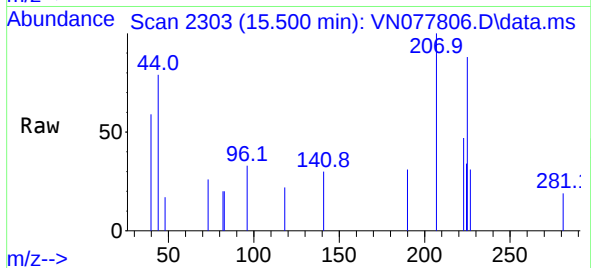




#94
Hexachlorobutadiene
Concen: 0.703 ug/l
RT: 15.500 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

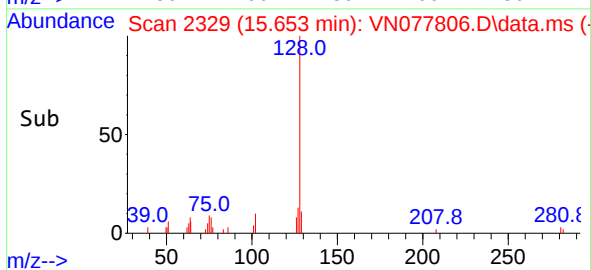
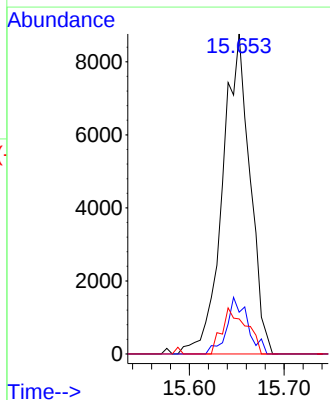
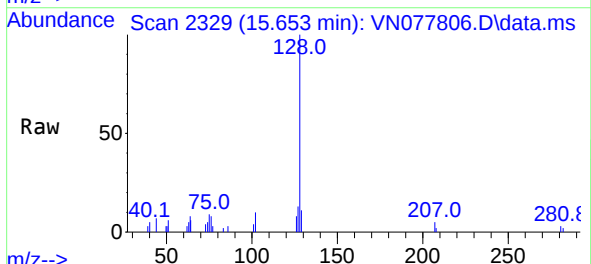
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

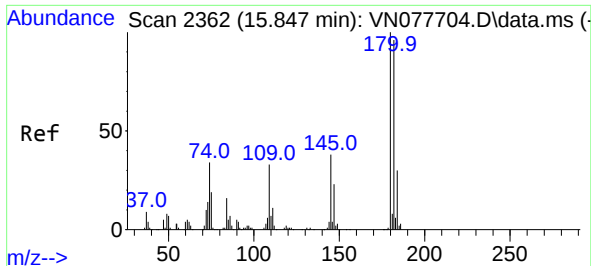
Tgt Ion:	225	Resp:	1126
Ion	Ratio	Lower	Upper
225	100		
223	39.4	31.3	93.8
227	38.2	31.9	95.9



#95
Naphthalene
Concen: 1.329 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.005 min
Lab File: VN077806.D
Acq: 23 May 2023 10:57

Tgt Ion:	128	Resp:	17647
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	12.7	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 1.328 ug/l

RT: 15.852 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN077806.D

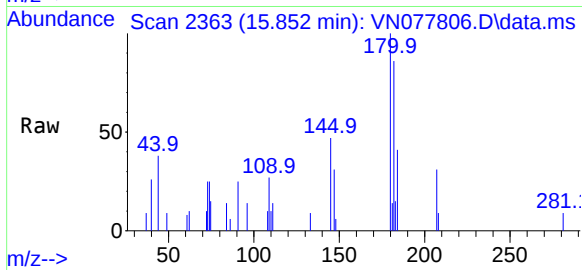
Acq: 23 May 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01



Tgt Ion:180 Resp: 5014

Ion Ratio Lower Upper

180 100

182 109.8 46.2 138.6

145 39.9 17.5 52.6

