

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077593.D
 Acq On : 05 May 2023 15:54
 Operator : JC\MD
 Sample : VN0505WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBL01

Quant Time: May 06 02:33:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

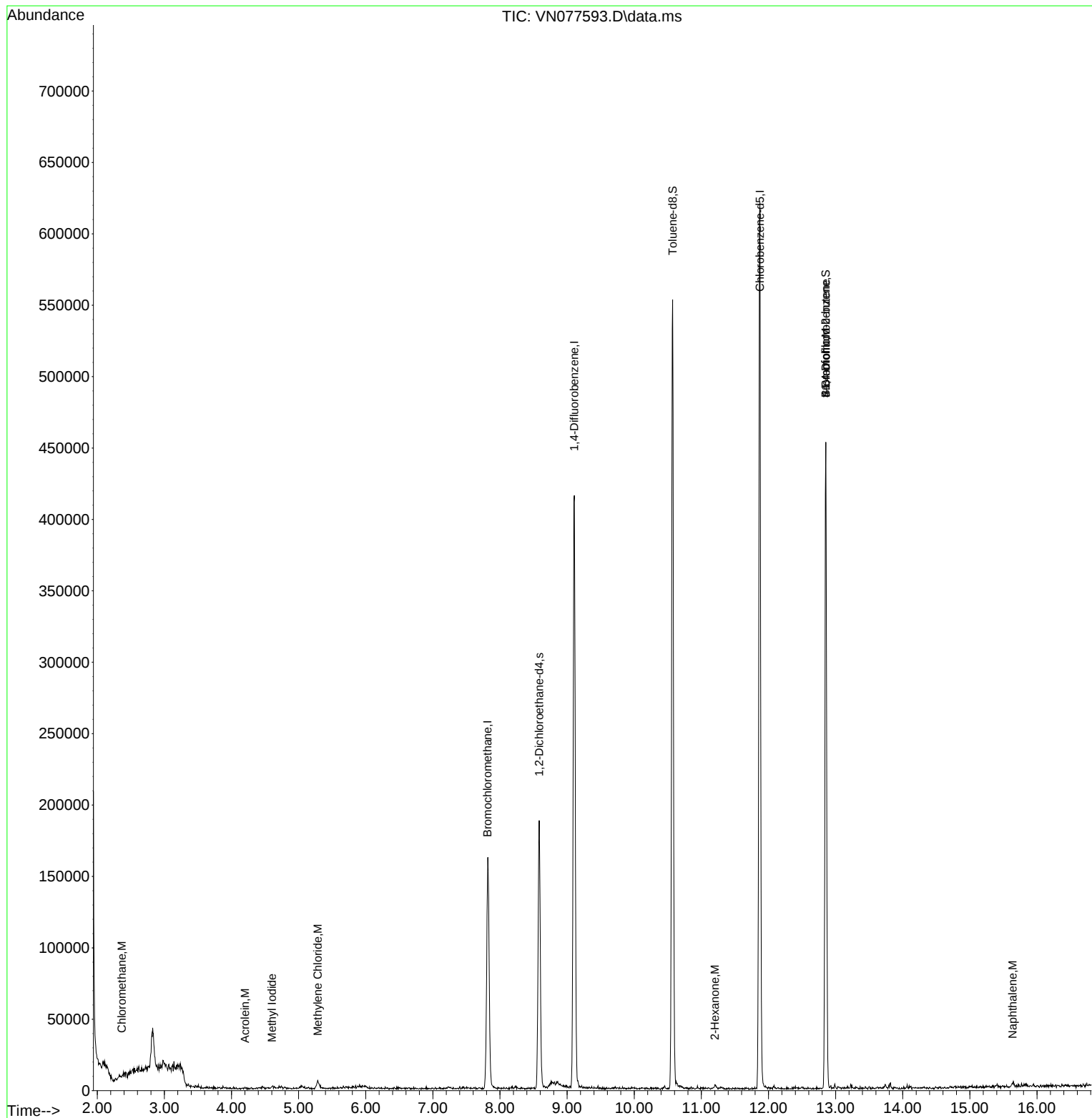
Internal Standards						
1) Bromochloromethane	7.813	128	58003	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	374881	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	372437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	156176	30.202	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.667%
60) 4-Bromofluorobenzene	12.854	95	163928	25.123	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.733%
63) Toluene-d8	10.572	98	403916	30.778	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	1107	0.208	ug/l	93
11) Methyl Iodide	4.601	142	1503	0.207	ug/l #	76
13) Acrolein	4.201	56	269	0.262	ug/l #	46
18) Methylene Chloride	5.284	84	1901	0.272	ug/l #	69
56) Bromoform	12.854	173	1109	0.274	ug/l #	1
59) 2-Hexanone	11.201	43	1222	0.309	ug/l #	58
77) t-1,4-Dichloro-2-butene	12.854	75	93816	40.822	ug/l #	19
91) Naphthalene	15.636	128	3565	0.362	ug/l #	74

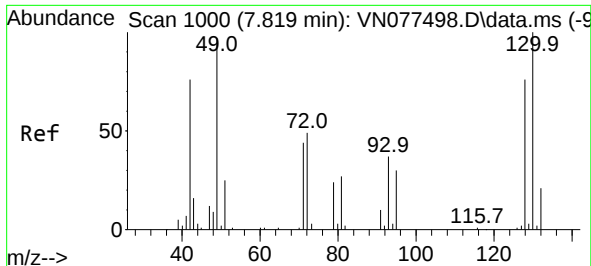
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
Data File : VN077593.D
Acq On : 05 May 2023 15:54
Operator : JC\MD
Sample : VN0505WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

Quant Time: May 06 02:33:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
Response via : Initial Calibration

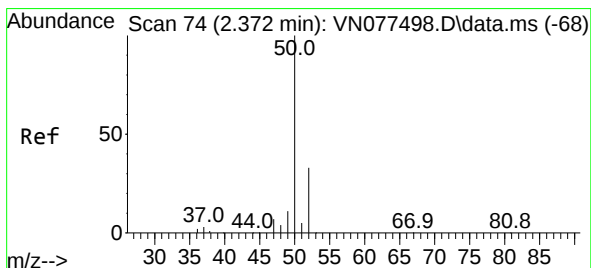
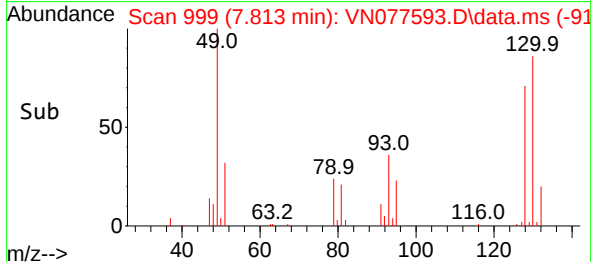
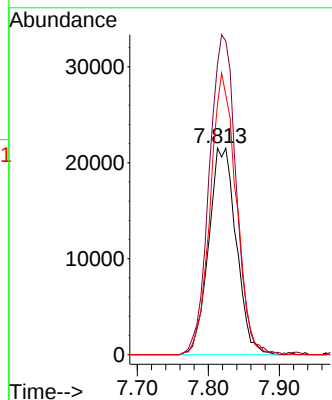
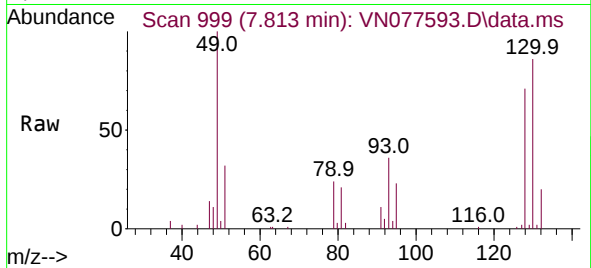




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

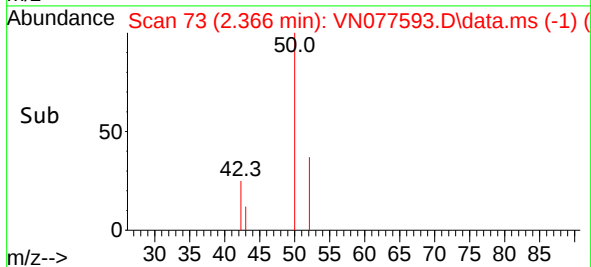
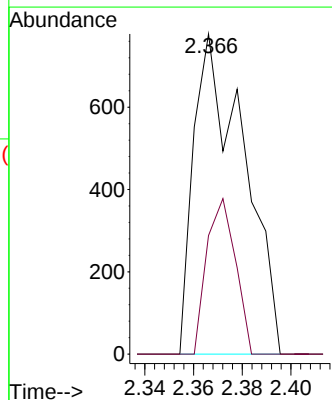
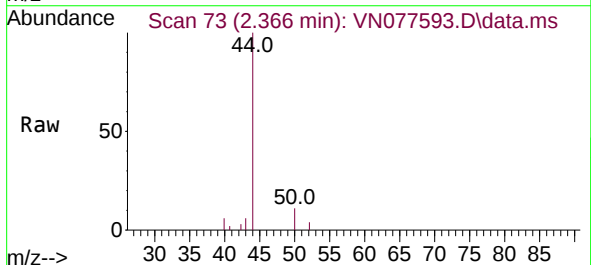
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

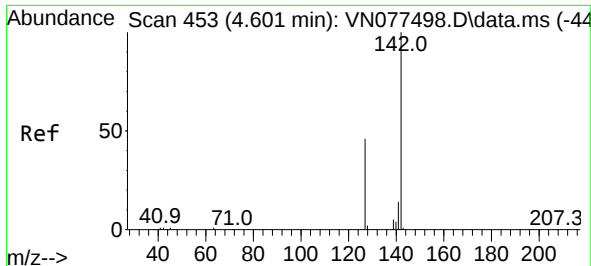
Tgt Ion:128 Resp: 58003
Ion Ratio Lower Upper
128 100
49 150.3 0.0 338.5
130 128.2 0.0 326.3



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.366 min Scan# 73
Delta R.T. -0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 37.0 26.6 39.8

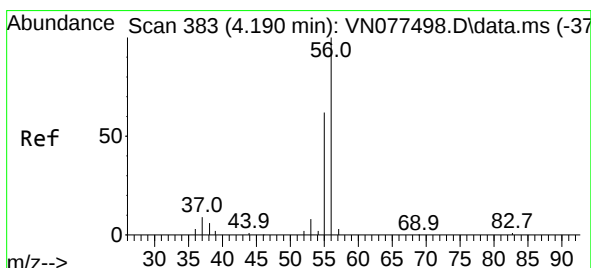
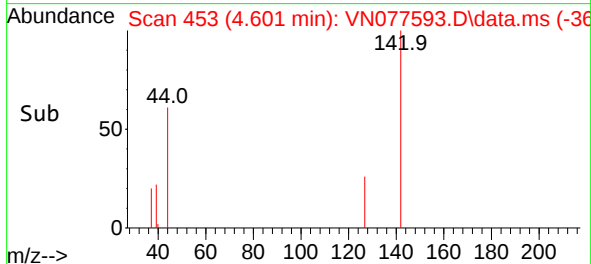
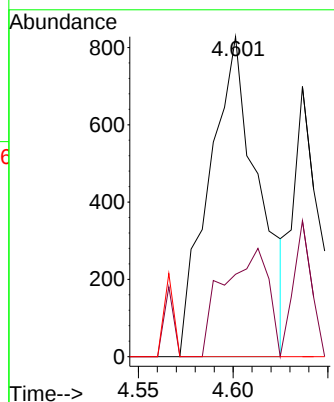
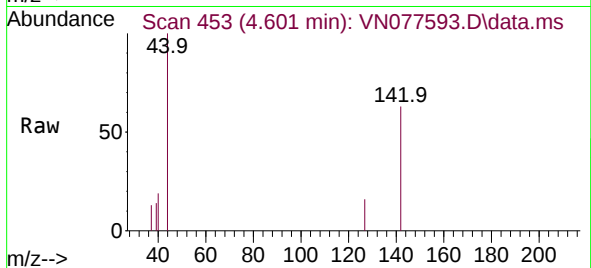




#11
Methyl Iodide
Concen: 0.207 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

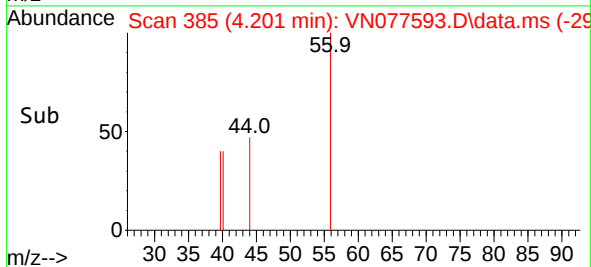
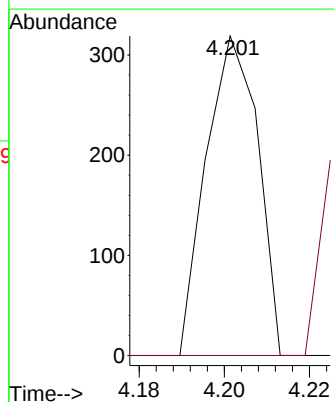
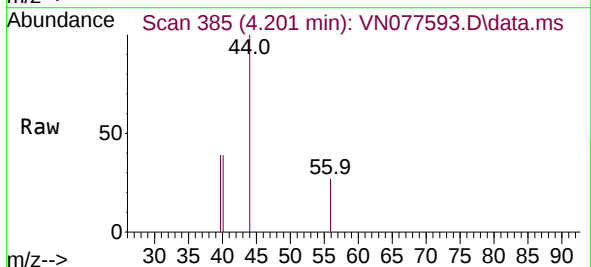
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

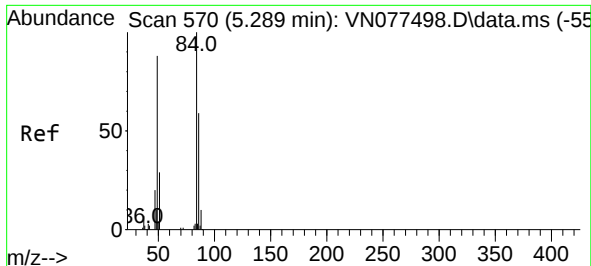
Tgt Ion:142 Resp: 1503
Ion Ratio Lower Upper
142 100
127 31.5 23.1 69.3
141 0.0 6.0 18.0#



#13
Acrolein
Concen: 0.262 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 25.7 55.8 83.6#

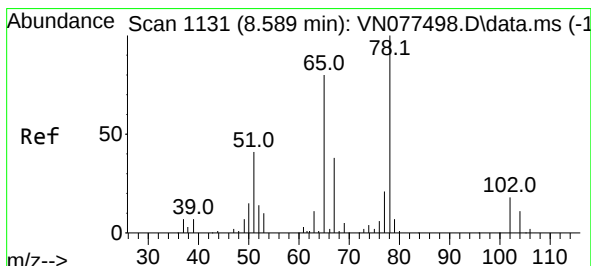
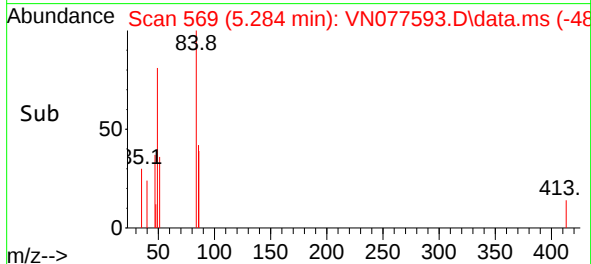
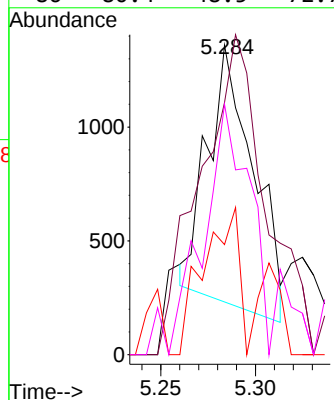
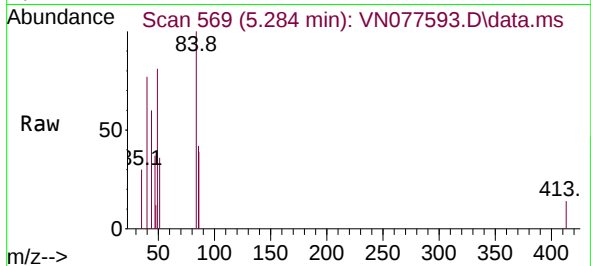




#18
Methylene Chloride
Concen: 0.272 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

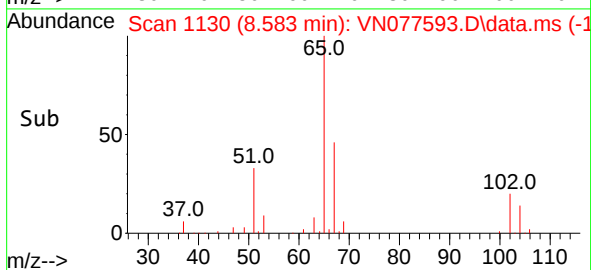
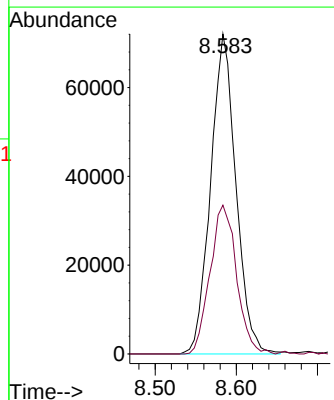
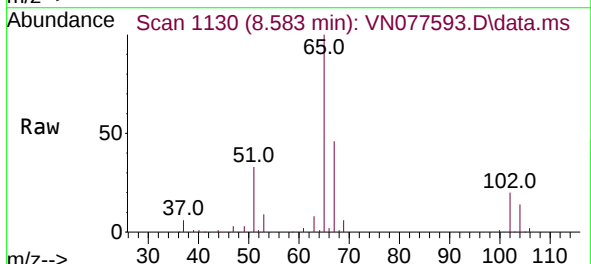
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

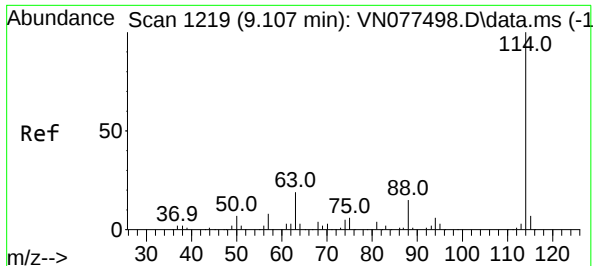
Tgt Ion: 84	Resp: 1901
Ion Ratio	Lower Upper
84 100	
49 58.5	74.6 112.0#
51 45.8	25.0 37.6#
86 80.4	48.5 72.7#



#27
1,2-Dichloroethane-d4
Concen: 30.202 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 65	Resp: 156176
Ion Ratio	Lower Upper
65 100	
67 48.7	40.2 60.2

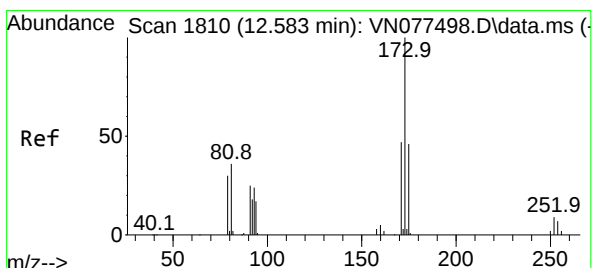
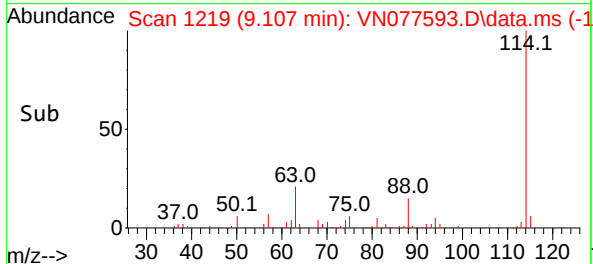
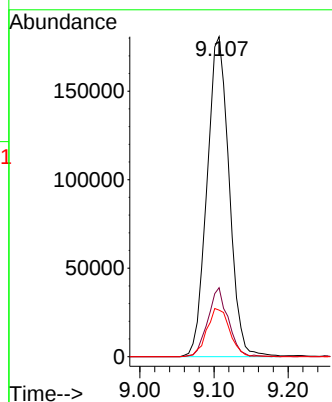
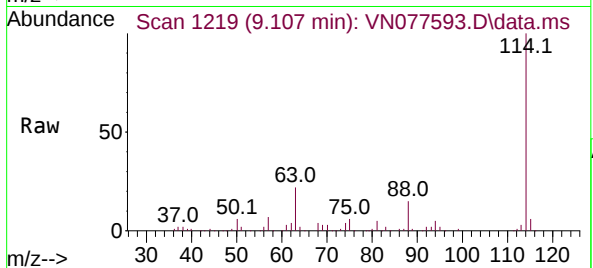




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

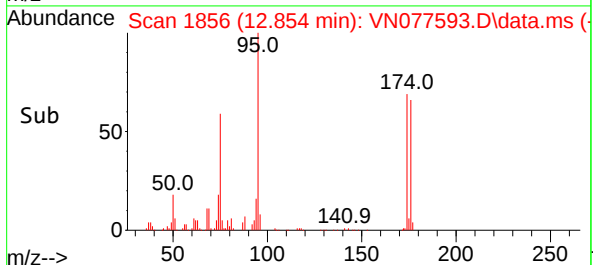
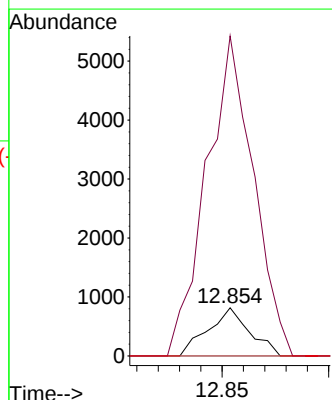
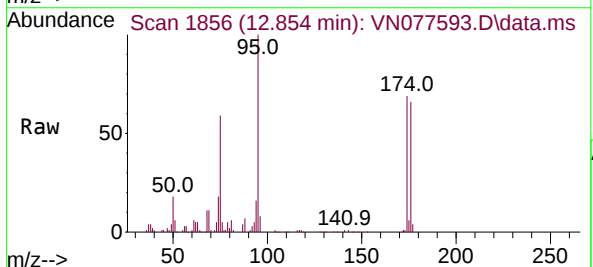
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

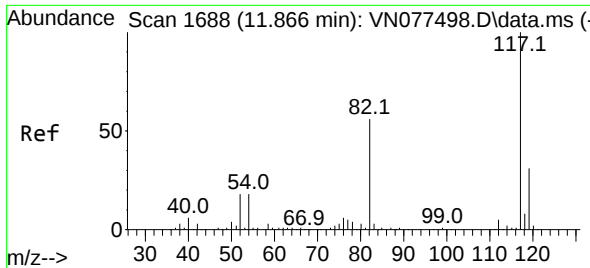
Tgt Ion:114 Resp: 374881
Ion Ratio Lower Upper
114 100
63 19.7 14.1 21.1
88 15.5 12.3 18.5



#56
Bromoform
Concen: 0.274 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion:173 Resp: 1109
Ion Ratio Lower Upper
173 100
175 750.9 40.3 60.5#
254 0.0 5.0 7.6#

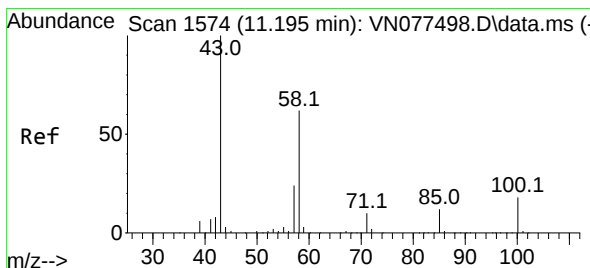
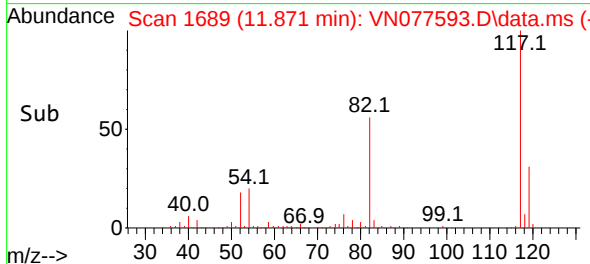
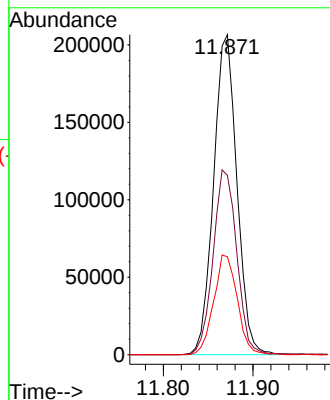
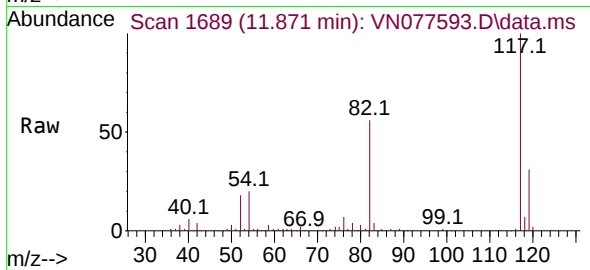




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

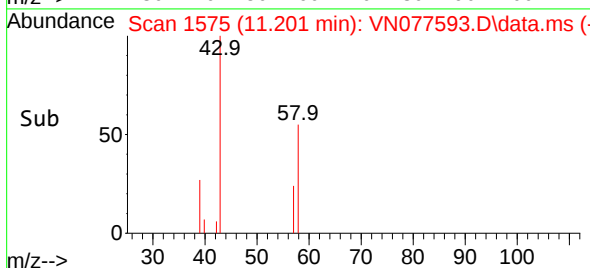
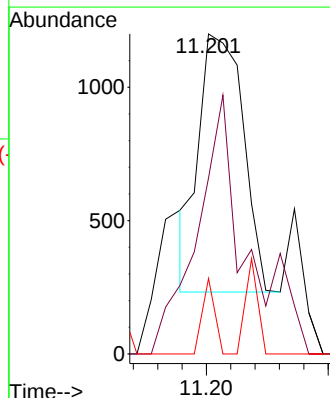
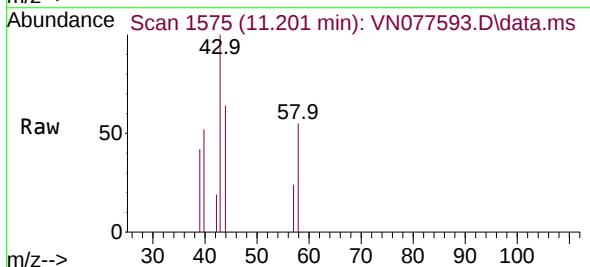
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

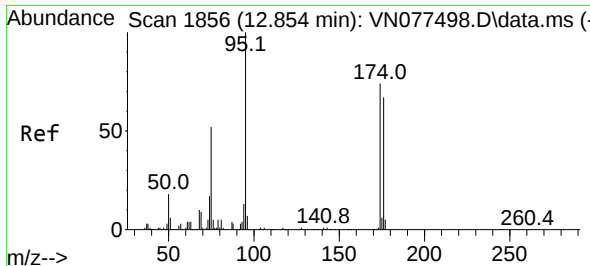
Tgt Ion:117 Resp: 372437
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 31.5 25.4 38.2



#59
2-Hexanone
Concen: 0.309 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 96.0 51.8 77.8#
57 0.0 18.2 27.4#

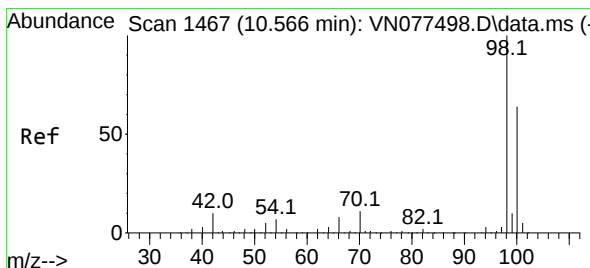
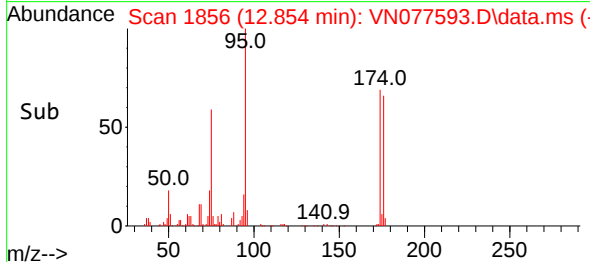
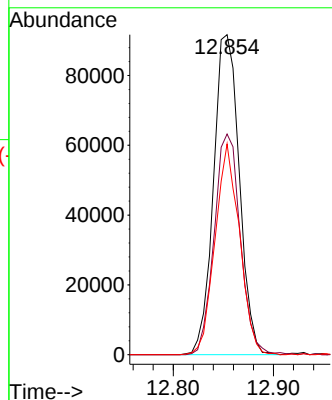
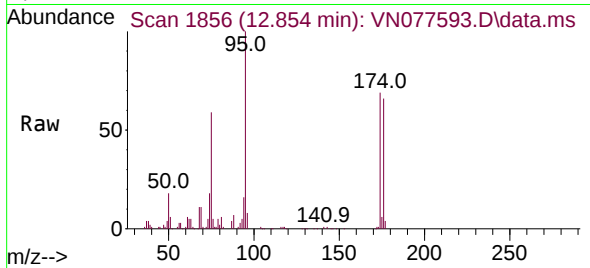




#60
4-Bromofluorobenzene
Concen: 25.123 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

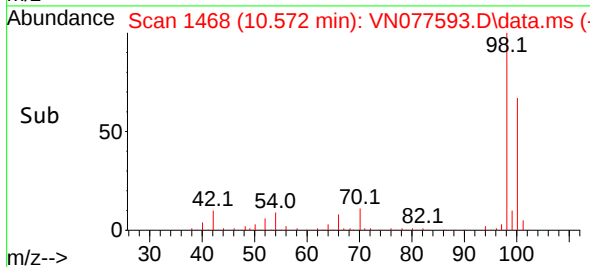
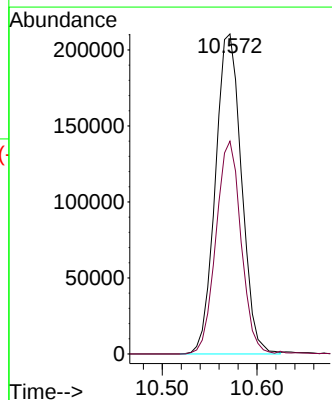
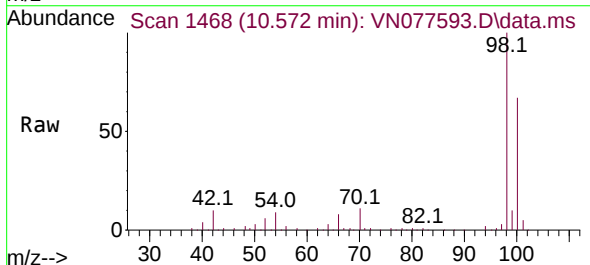
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

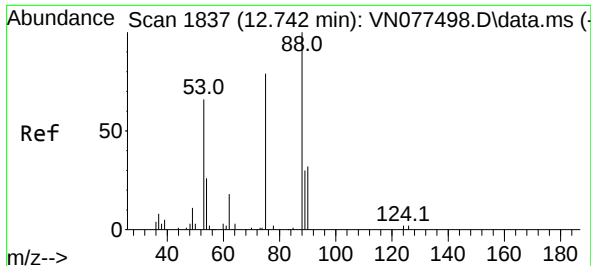
Tgt Ion: 95 Resp: 163928
Ion Ratio Lower Upper
95 100
174 69.6 55.9 83.9
176 62.5 53.9 80.9



#63
Toluene-d8
Concen: 30.778 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 98 Resp: 403916
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

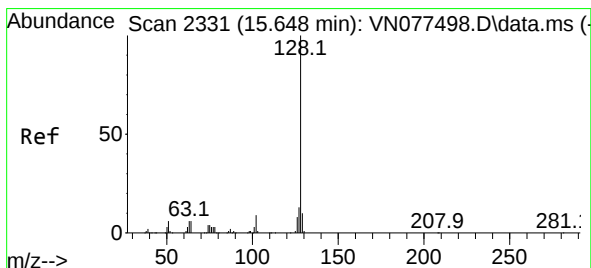
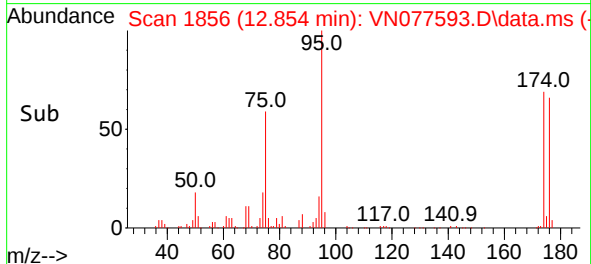
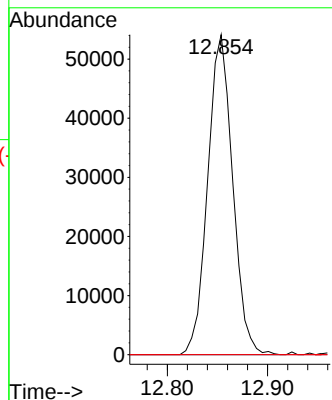
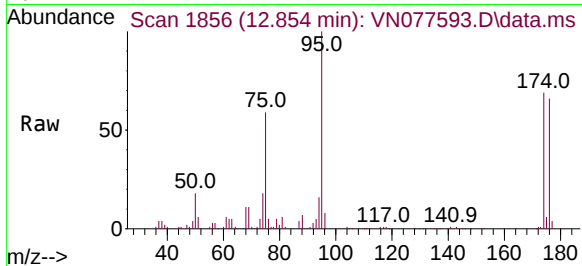




#77
t-1,4-Dichloro-2-butene
Concen: 40.822 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

Tgt Ion: 75 Resp: 93816
Ion Ratio Lower Upper
75 100
53 0.0 38.2 114.6#
89 0.0 22.1 66.1#



#91
Naphthalene
Concen: 0.362 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.012 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 128 Resp: 3565
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 4.2 8.7 13.1#

