

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077856.D
 Acq On : 24 May 2023 16:43
 Operator : JC\MD
 Sample : 02880-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20230519

Quant Time: May 25 01:43:14 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)

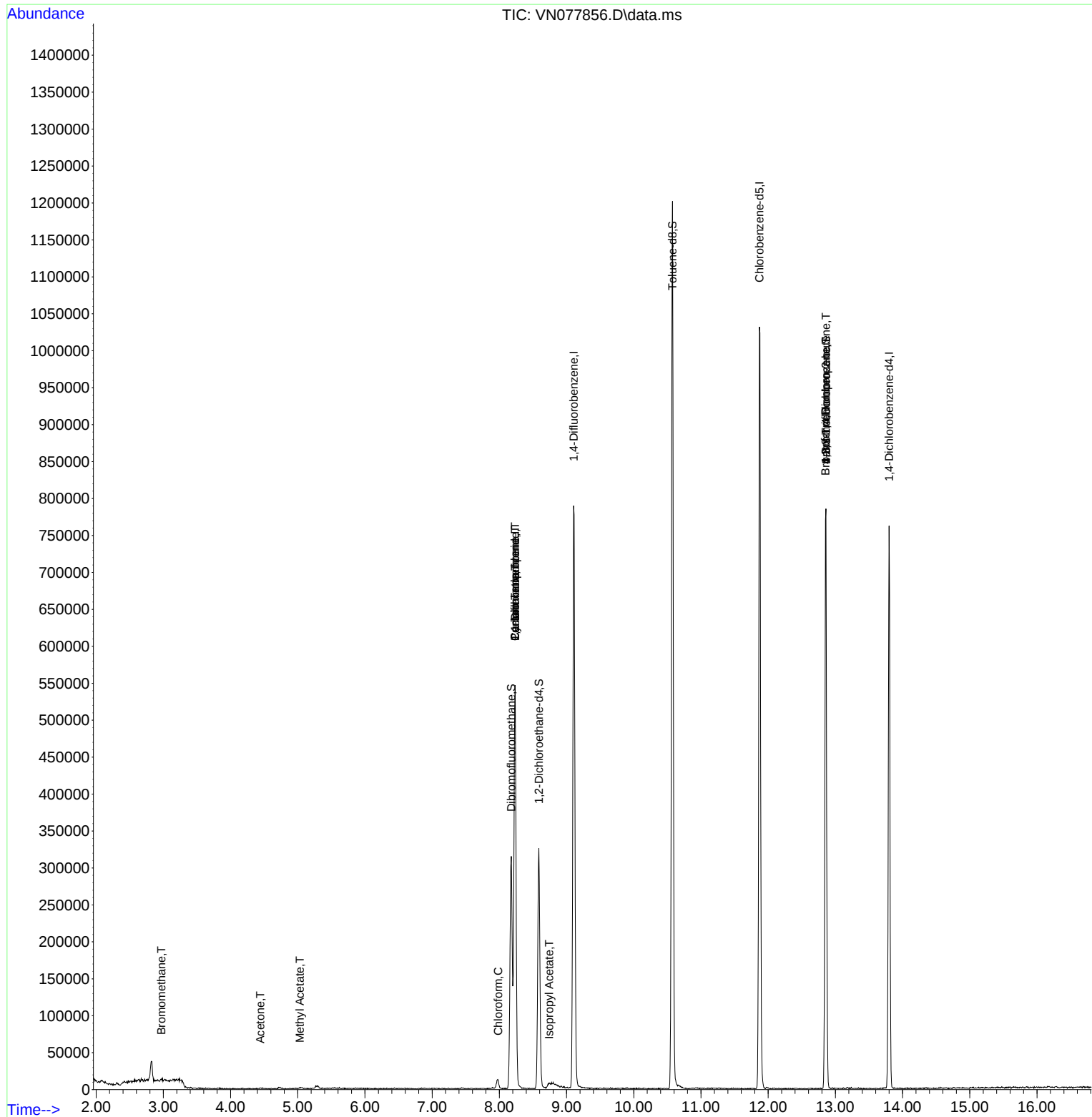
Internal Standards						
1) Pentafluorobenzene	8.235	168	396318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	622934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	199058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267525	45.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	8.177	113	229328	49.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	10.576	98	868342	48.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.859	95	285053	45.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1421	Below Cal		95
5) Bromomethane	2.971	94	1403	0.334 ug/l #		76
13) Acrolein	4.183	56	139	Below Cal #		16
16) Acetone	4.441	43	1370	0.734 ug/l #		40
18) Methyl Acetate	5.030	43	2639	0.337 ug/l #		53
20) Methylene Chloride	5.294	84	1293	Below Cal #		89
30) Chloroform	7.982	83	12665	1.309 ug/l		93
31) Cyclohexane	8.235	56	9629	1.195 ug/l #		38
36) 1,1-Dichloropropene	8.235	75	33037	4.857 ug/l #		48
38) Carbon Tetrachloride	8.235	117	40633	5.916 ug/l #		17
43) Isopropyl Acetate	8.741	43	5189	0.524 ug/l #		49
71) Bromoform	12.853	173	2093	0.673 ug/l #		1
76) 1,2,3-Trichloropropane	12.859	75	145822	29.251 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	145822	93.503 ug/l #		15

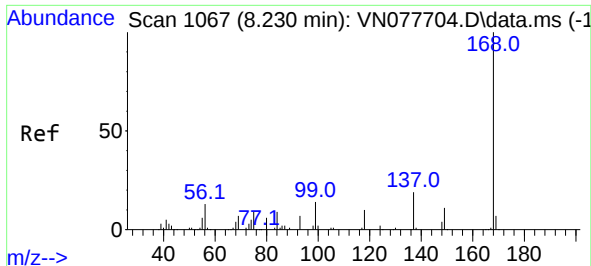
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077856.D
Acq On : 24 May 2023 16:43
Operator : JC\MD
Sample : 02880-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

Quant Time: May 25 01:43:14 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

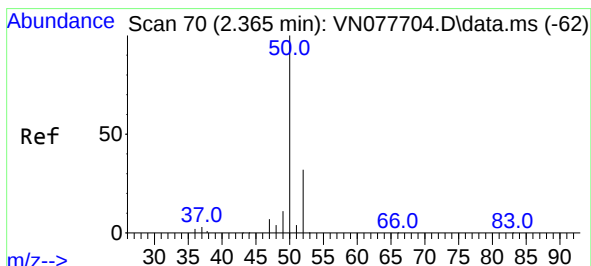
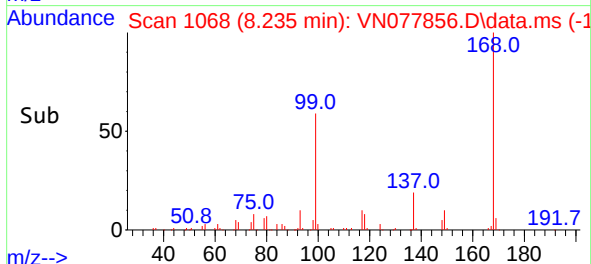
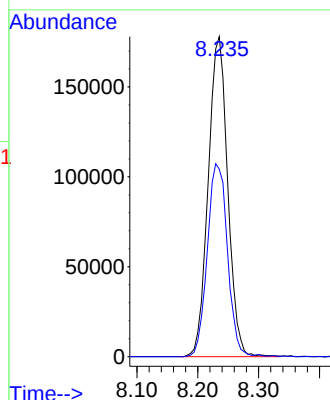
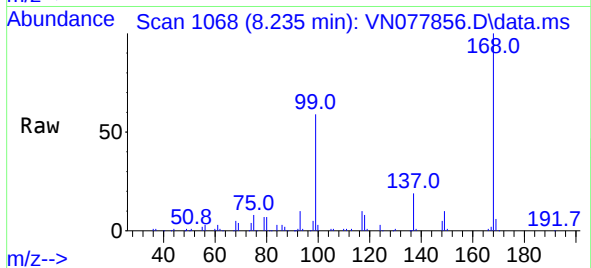




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

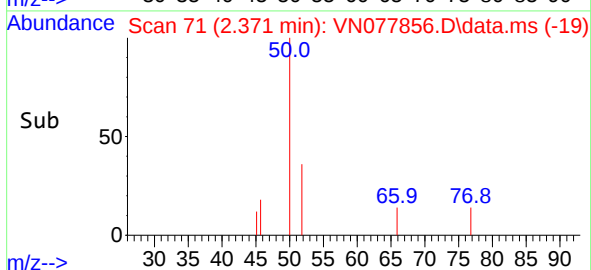
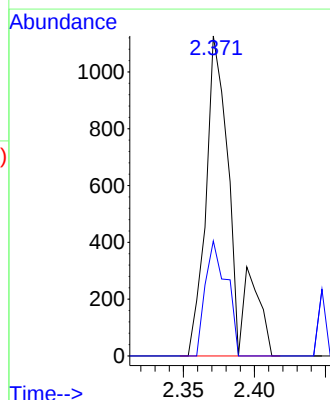
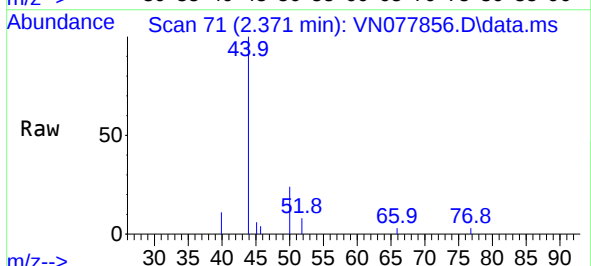
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

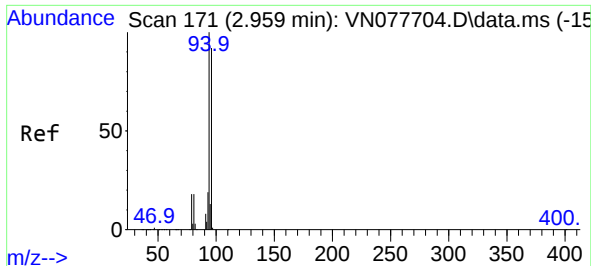
Tgt Ion:168 Resp: 396318
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 50 Resp: 1421
Ion Ratio Lower Upper
50 100
52 35.9 26.5 39.7

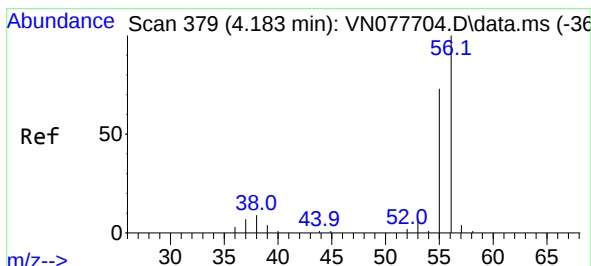
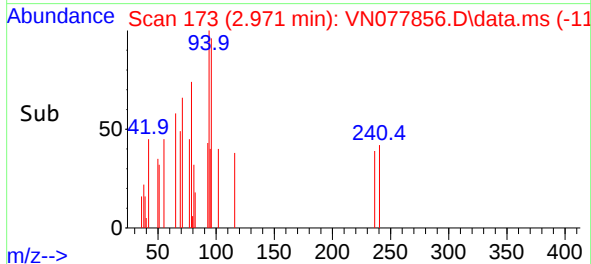
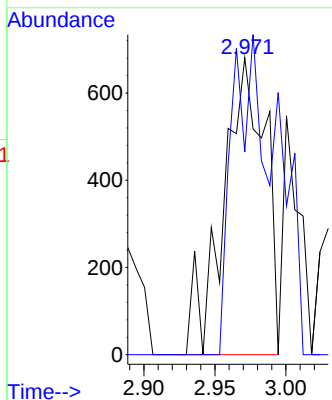
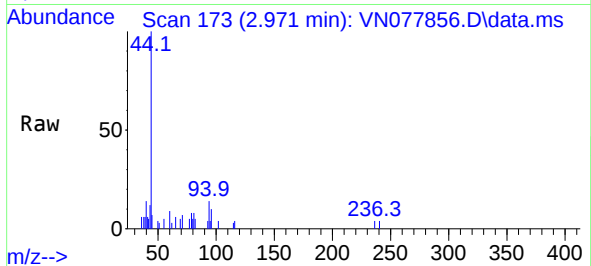




#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

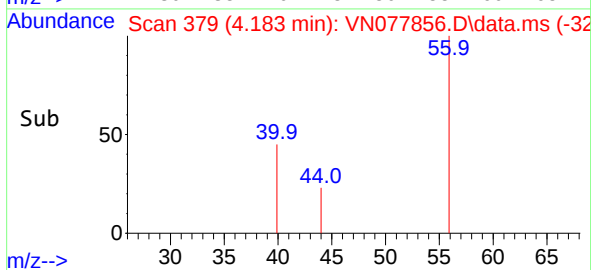
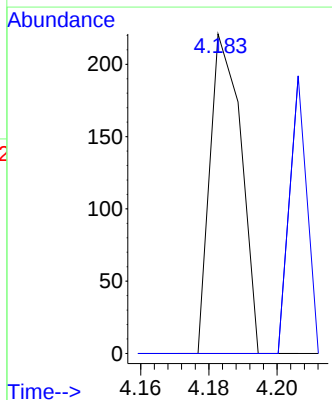
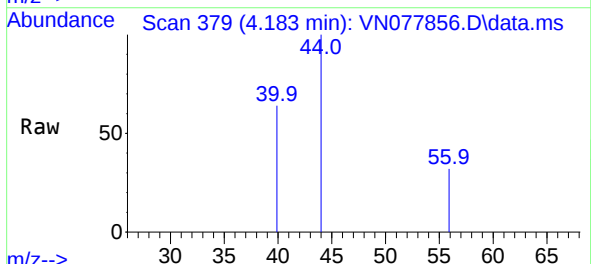
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

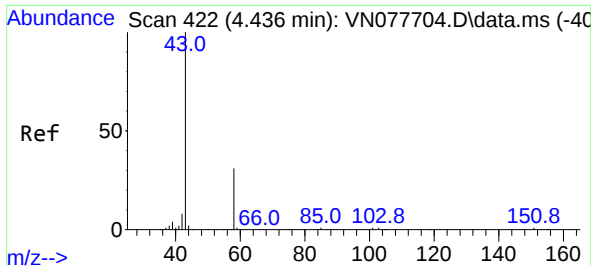
Tgt Ion: 94 Resp: 1403
Ion Ratio Lower Upper
94 100
96 68.3 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

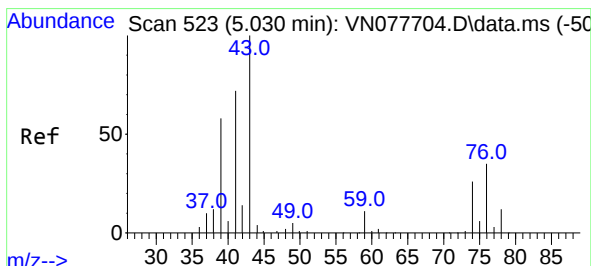
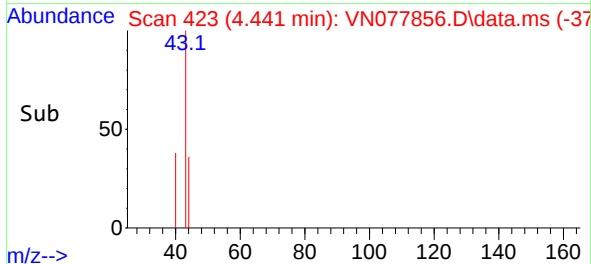
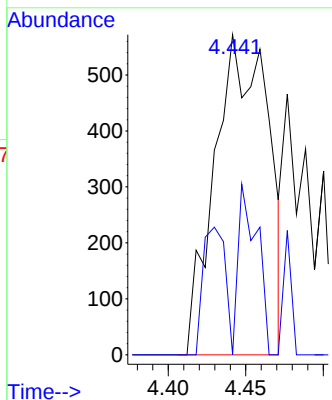
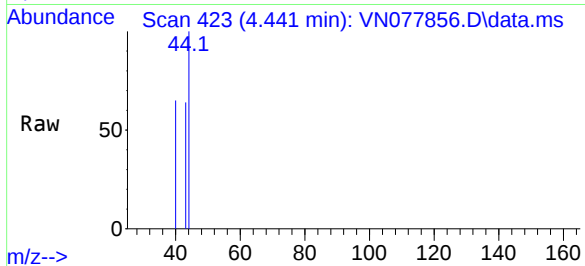




#16
Acetone
Concen: 0.734 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

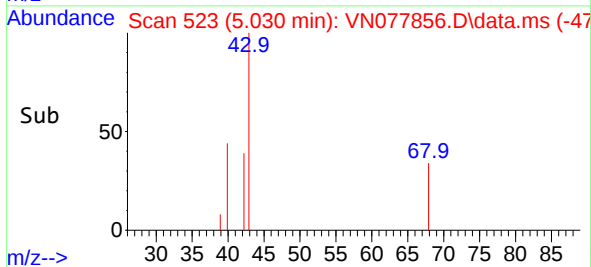
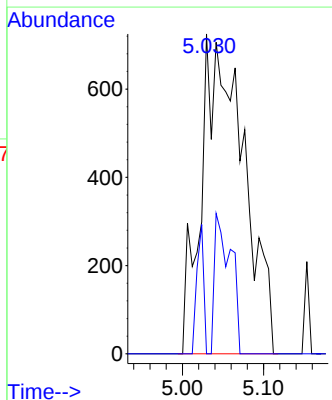
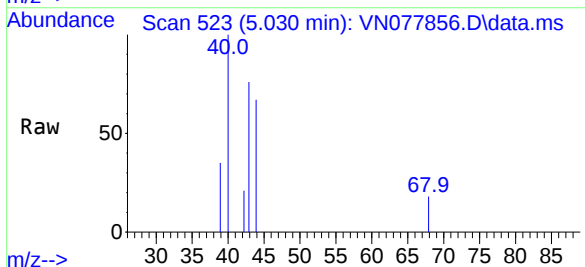
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

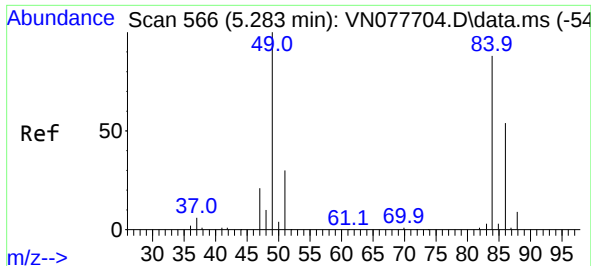
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
74 6.5 26.2 39.4#



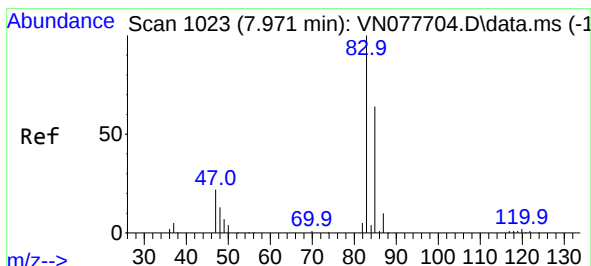
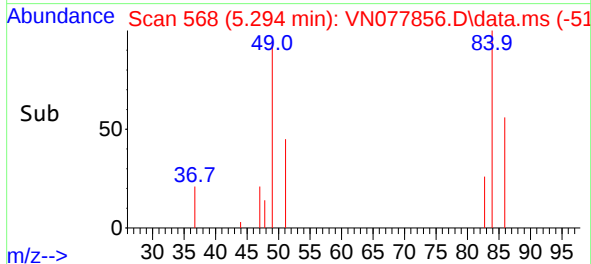
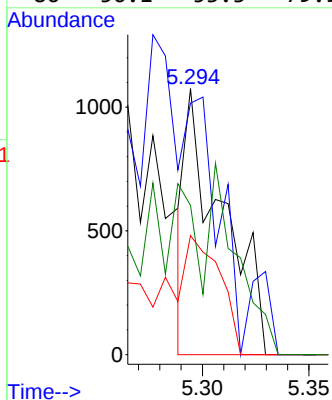
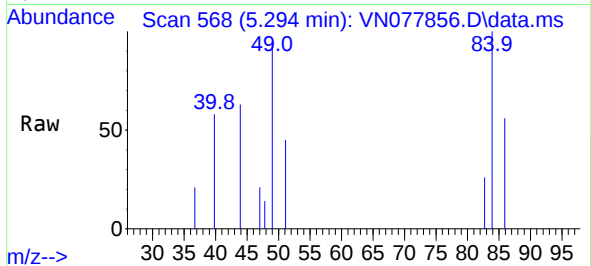


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

Tgt Ion: 84 Resp: 1293

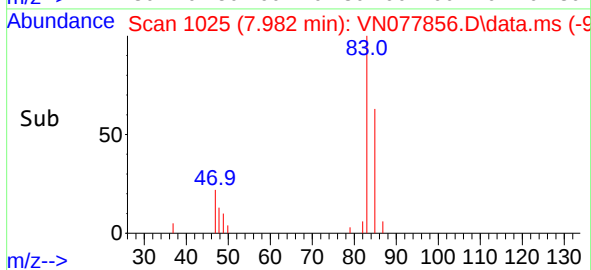
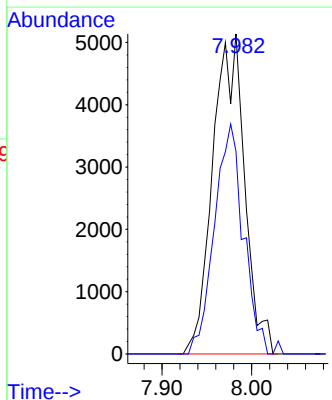
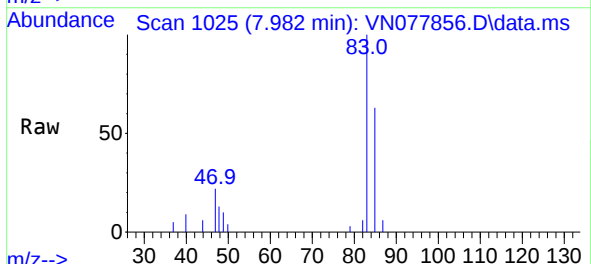
Ion	Ratio	Lower	Upper
84	100		
49	94.5	79.7	119.5
51	44.7	25.2	37.8
86	56.1	53.3	79.9

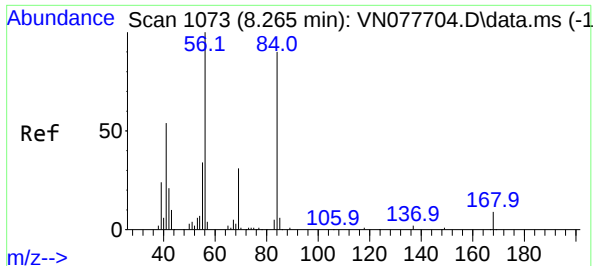


#30
Chloroform
Concen: 1.309 ug/l
RT: 7.982 min Scan# 1025
Delta R.T. 0.011 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 83 Resp: 12665

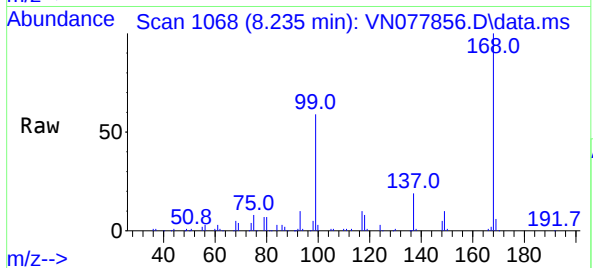
Ion	Ratio	Lower	Upper
83	100		
85	63.3	55.4	83.0



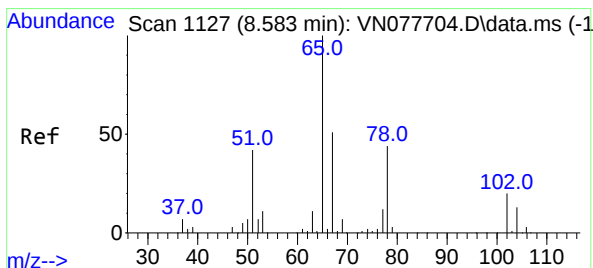
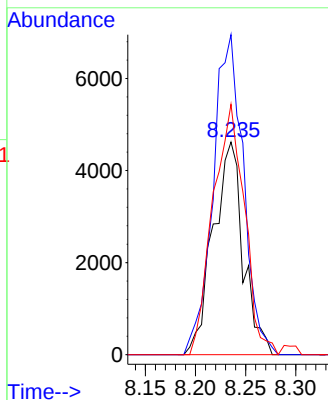
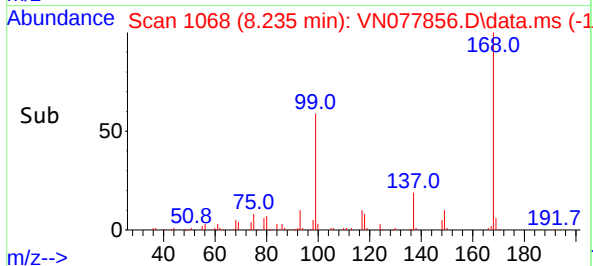


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

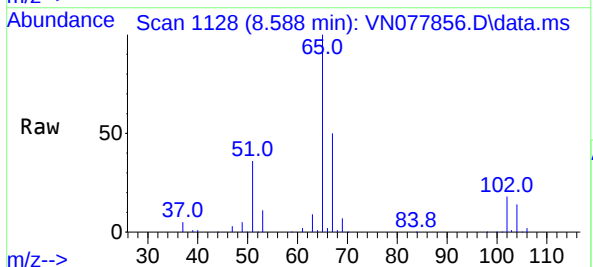
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519



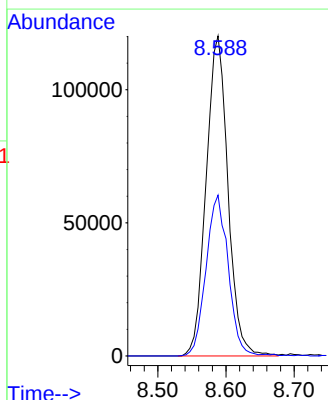
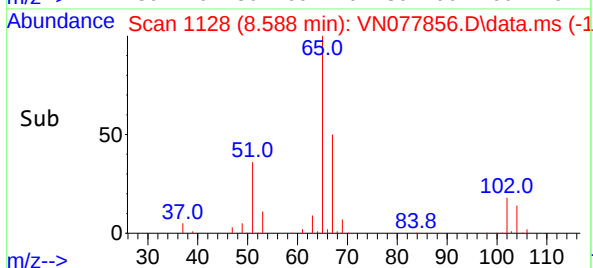
Tgt Ion: 56 Resp: 9629
Ion Ratio Lower Upper
56 100
69 150.4 26.8 40.2#
84 117.7 81.8 122.6

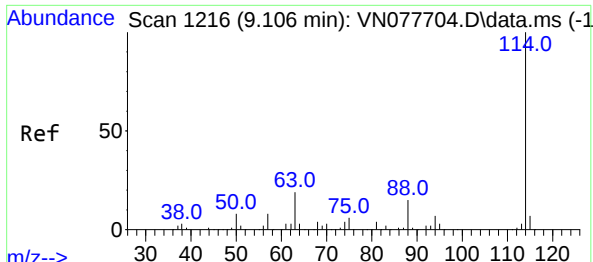


#33
1,2-Dichloroethane-d4
Concen: 45.114 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43



Tgt Ion: 65 Resp: 267525
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6

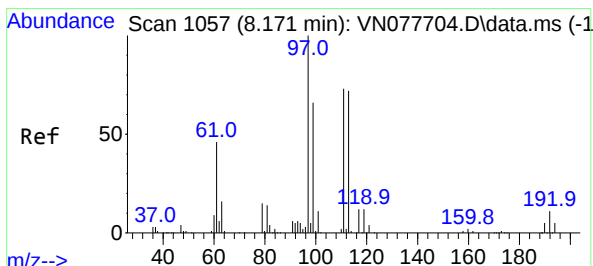
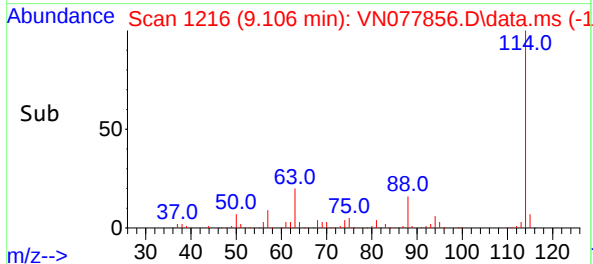
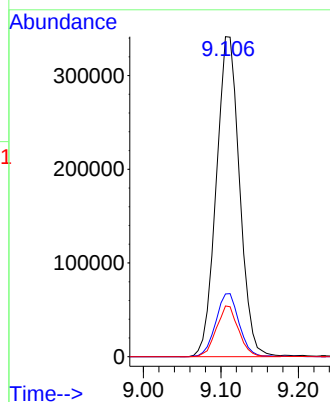
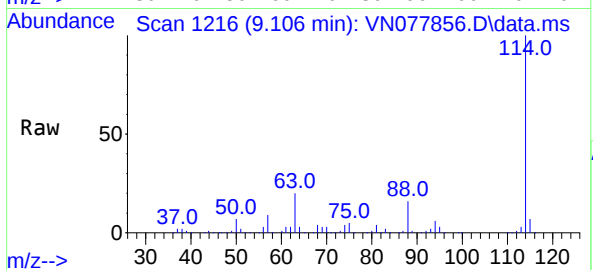




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

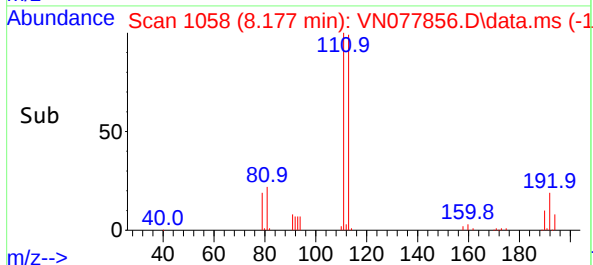
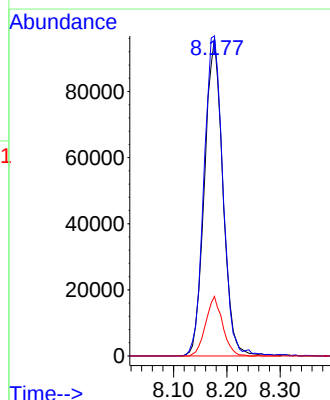
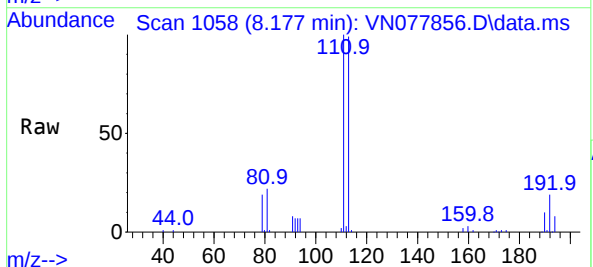
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

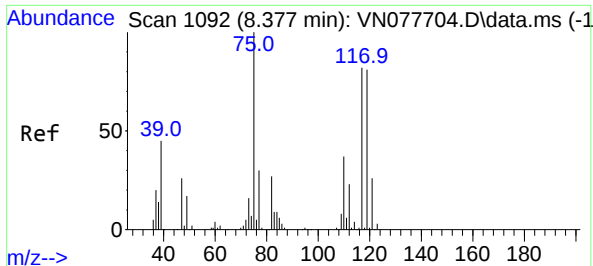
Tgt Ion:114 Resp: 713178
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.312 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion:113 Resp: 229328
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.3 12.7 19.1

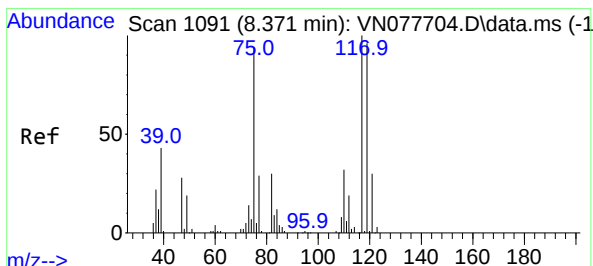
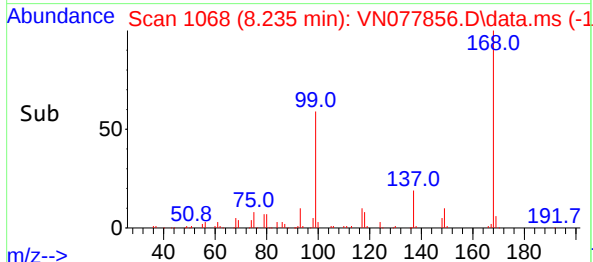
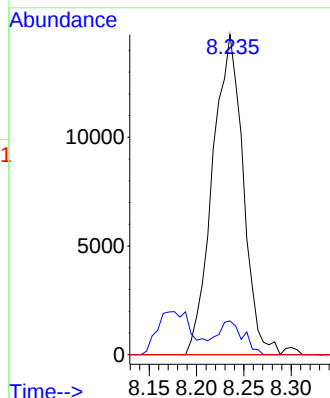
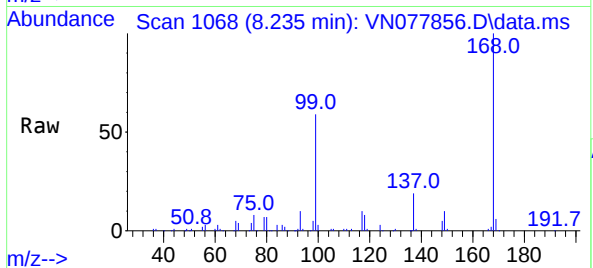




#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

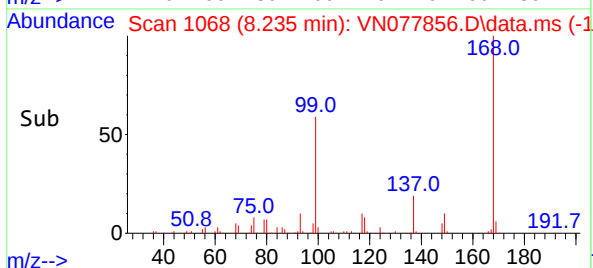
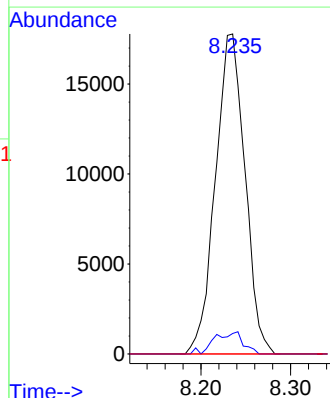
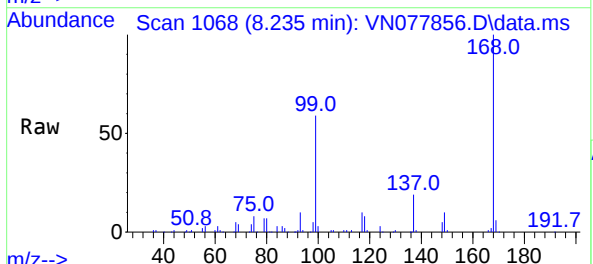
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

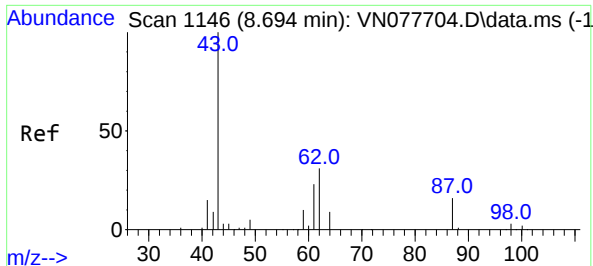
Tgt Ion: 75 Resp: 33037
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 117 Resp: 40633
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 23.3 34.9#

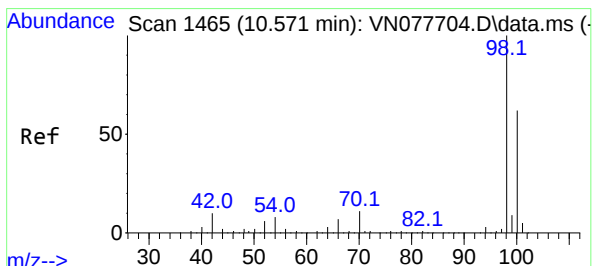
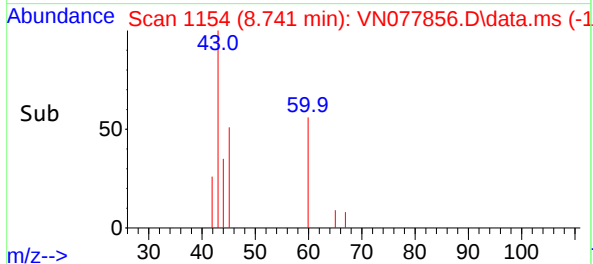
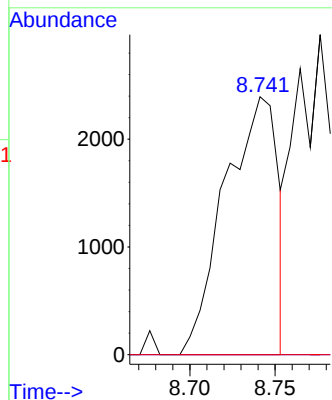
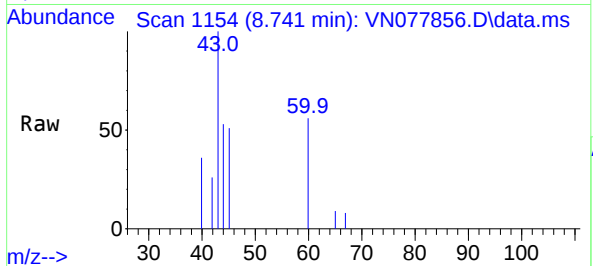




#43
Isopropyl Acetate
Concen: 0.524 ug/l
RT: 8.741 min Scan# 1146
Delta R.T. 0.047 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

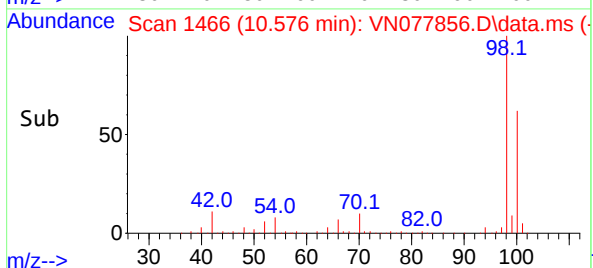
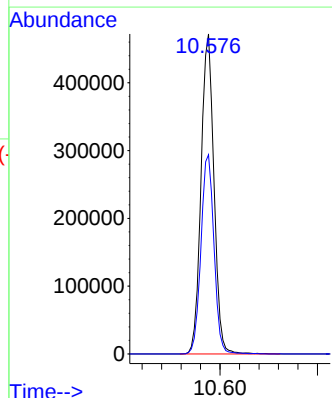
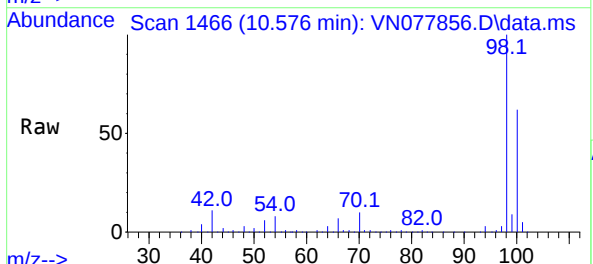
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

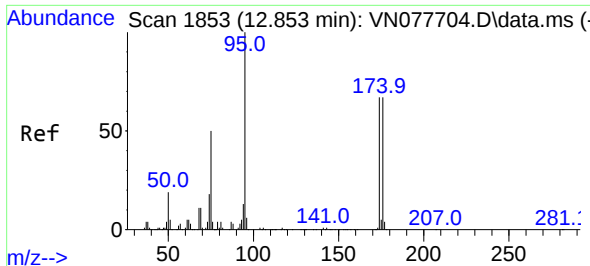
Tgt Ion: 43 Resp: 5189
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.510 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 98 Resp: 868342
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

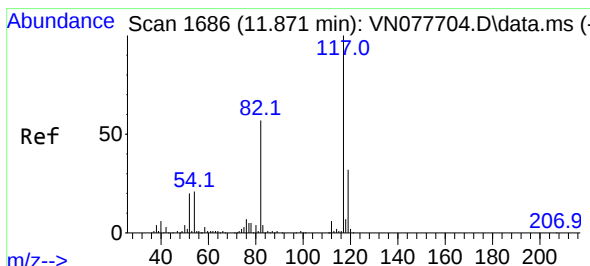
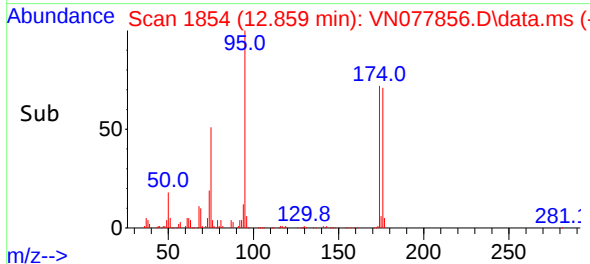
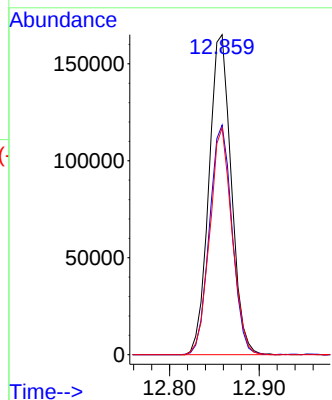
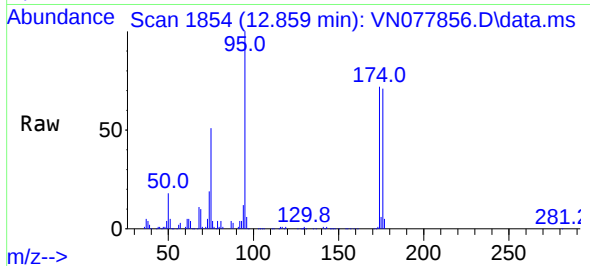




#62
4-Bromofluorobenzene
Concen: 45.089 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

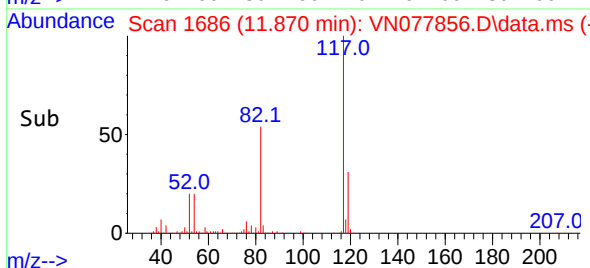
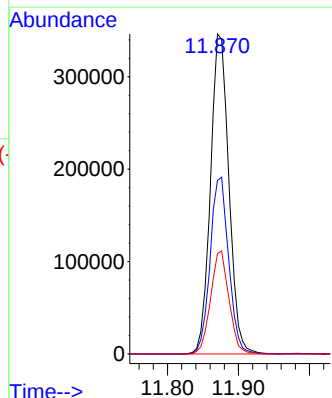
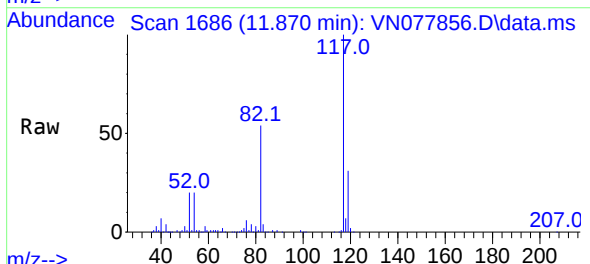
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

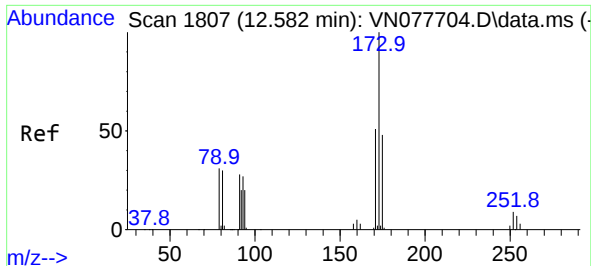
Tgt Ion: 95 Resp: 285053
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 117 Resp: 622934
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.4 25.6 38.4

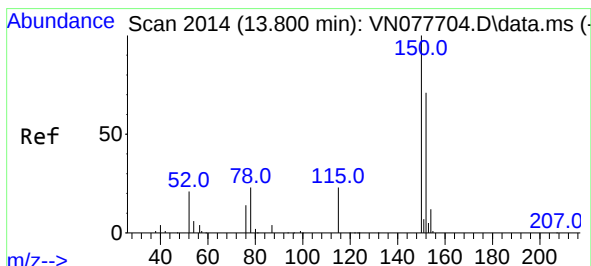
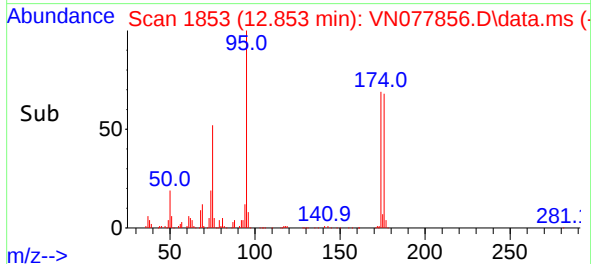
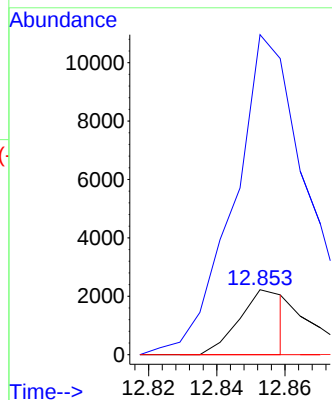
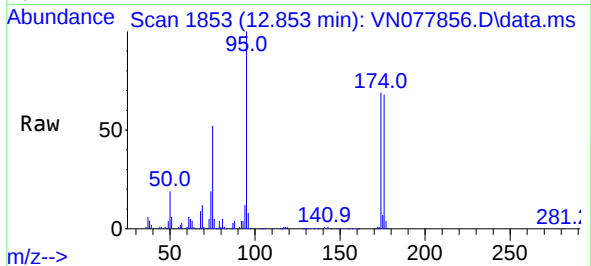




#71
Bromoform
Concen: 0.673 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

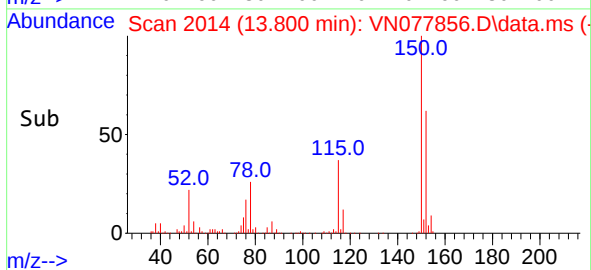
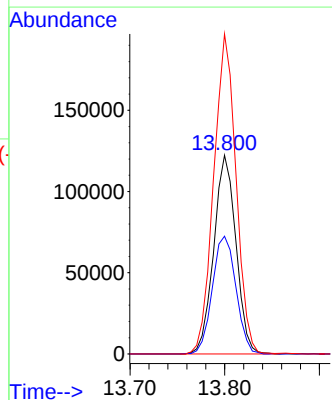
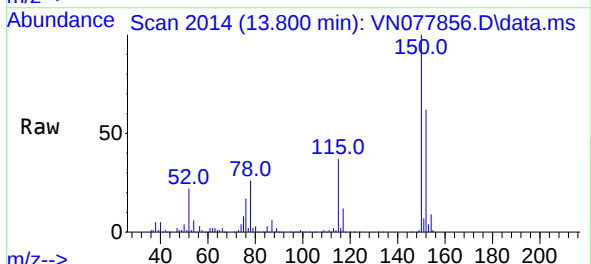
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

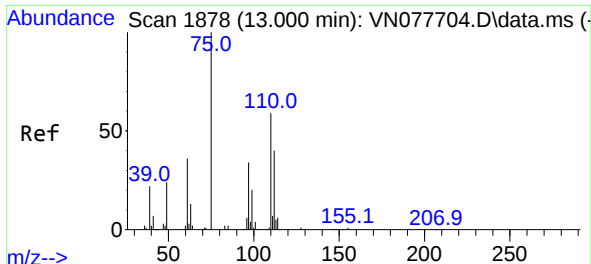
Tgt Ion:173 Resp: 2093
Ion Ratio Lower Upper
173 100
175 554.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion:152 Resp: 199058
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 161.8 0.0 355.8

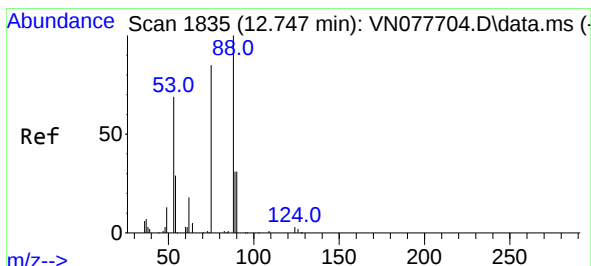
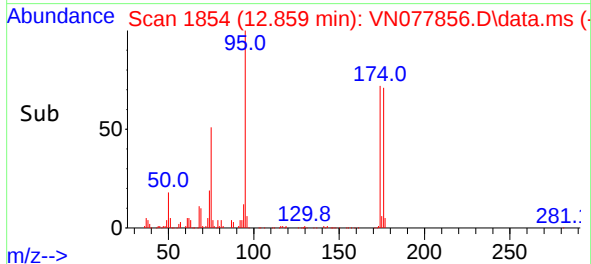
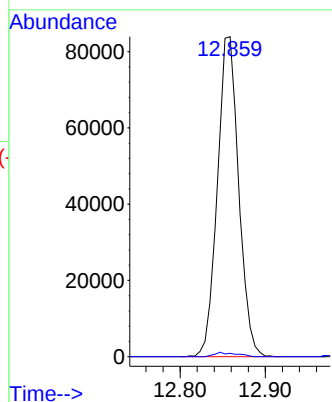
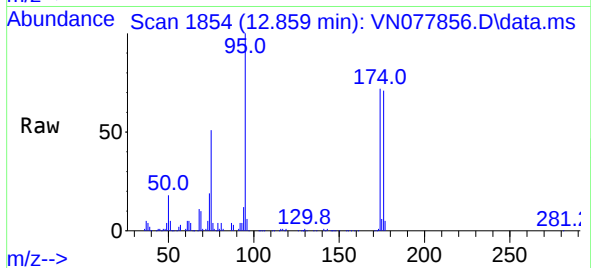




#76
1,2,3-Trichloropropane
Concen: 29.251 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

Tgt Ion: 75 Resp: 145822
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.503 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077856.D
Acq: 24 May 2023 16:43

Tgt Ion: 75 Resp: 145822
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

