

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071613.D
 Acq On : 28 Mar 2022 19:34
 Operator : JC\MD
 Sample : VN0328WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 29 09:51:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

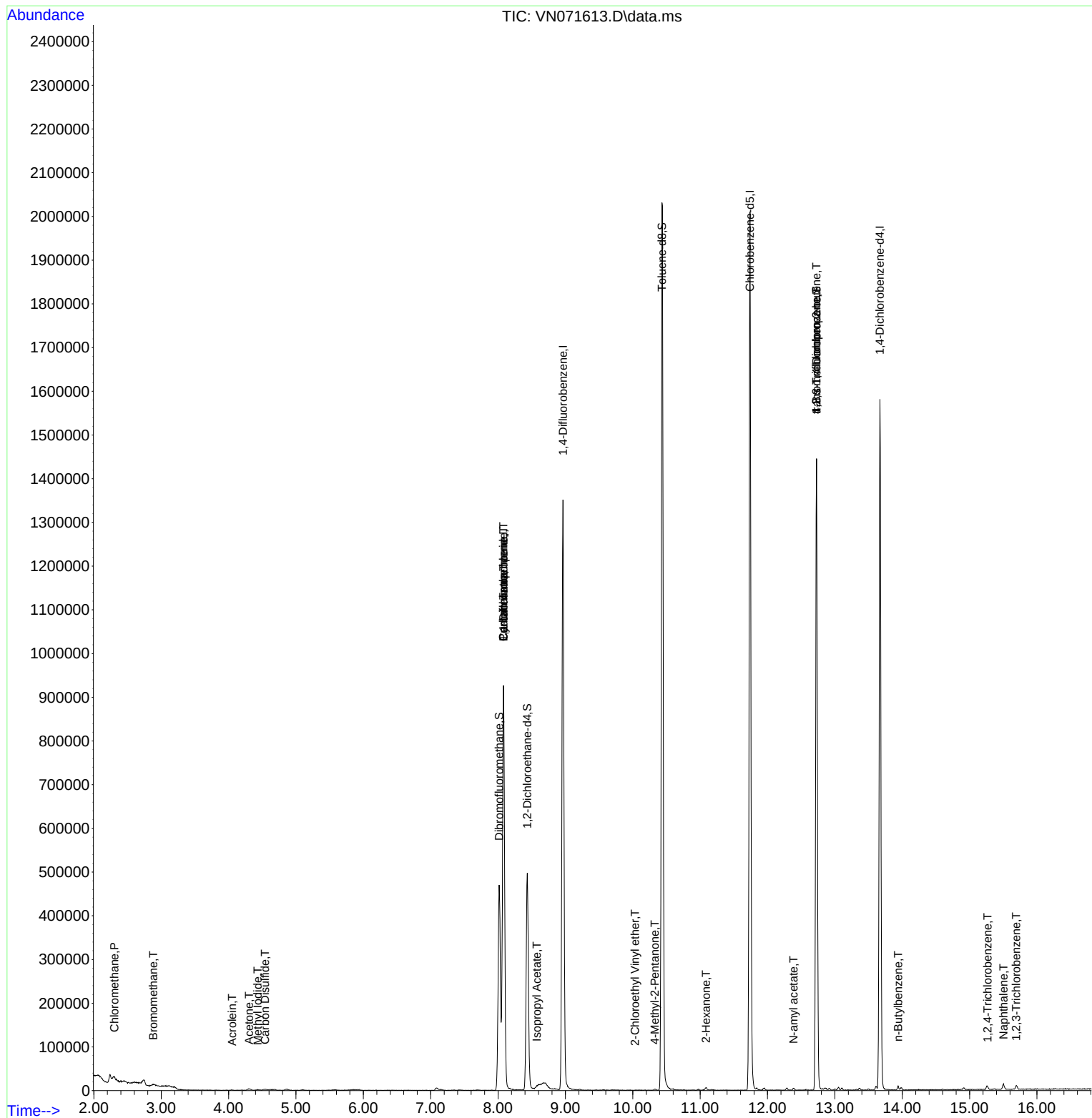
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	741284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1232523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1217160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	463122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	419033	47.145	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.300%
35) Dibromofluoromethane	8.016	113	350871	46.353	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.700%
50) Toluene-d8	10.434	98	1509375	48.341	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.728	95	515972	50.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2139	0.250	ug/l	89
5) Bromomethane	2.881	94	3768	0.676	ug/l	95
6) Chloroethane	3.211	64	631	Below Cal	#	42
10) Methyl Iodide	4.434	142	2291	0.226	ug/l #	68
13) Acrolein	4.052	56	608	0.464	ug/l	95
16) Acetone	4.305	43	2993	0.817	ug/l	93
17) Carbon Disulfide	4.540	76	3798	0.229	ug/l #	75
18) Methyl Acetate	4.869	43	5924	Below Cal	#	85
31) Cyclohexane	8.081	56	13565	1.093	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	50854	4.673	ug/l #	48
38) Carbon Tetrachloride	8.081	117	67095	6.222	ug/l #	17
43) Isopropyl Acetate	8.575	43	5777	0.505	ug/l #	53
51) 4-Methyl-2-Pentanone	10.328	43	2839	0.243	ug/l #	78
58) 2-Chloroethyl Vinyl ether	10.034	63	59	19.814	ug/l #	44
59) 2-Hexanone	11.087	43	5604	0.671	ug/l	92
74) N-amyl acetate	12.386	43	3039	0.247	ug/l #	87
76) 1,2,3-Trichloropropane	12.728	75	258890	23.281	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	258890	67.200	ug/l #	10
89) n-Butylbenzene	13.939	91	5461	0.235	ug/l	95
93) 1,2,4-Trichlorobenzene	15.269	180	3745	0.526	ug/l	91
95) Naphthalene	15.504	128	12114	5.172	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	3897	0.547	ug/l	93

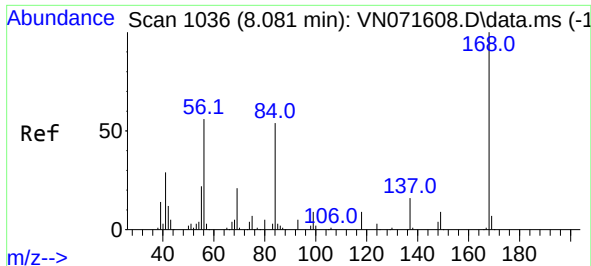
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
Data File : VN071613.D
Acq On : 28 Mar 2022 19:34
Operator : JC\MD
Sample : VN0328WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

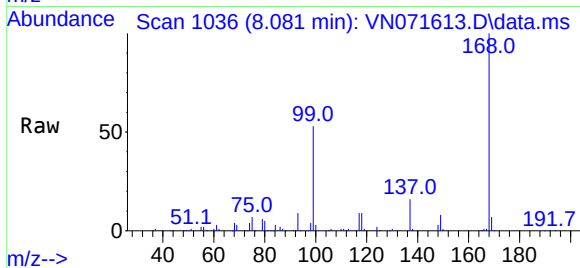
Quant Time: Mar 29 09:51:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration



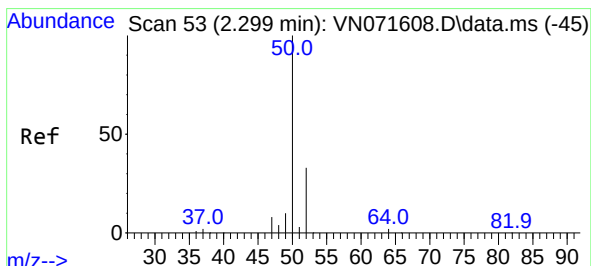
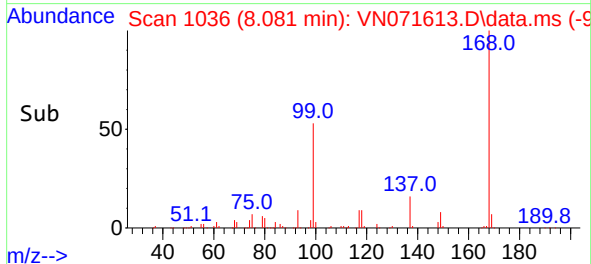
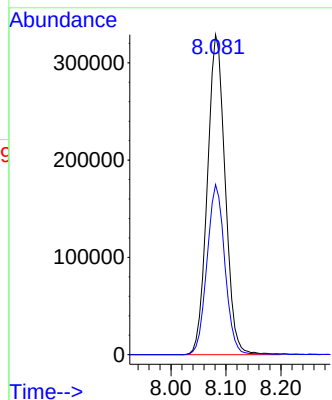


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

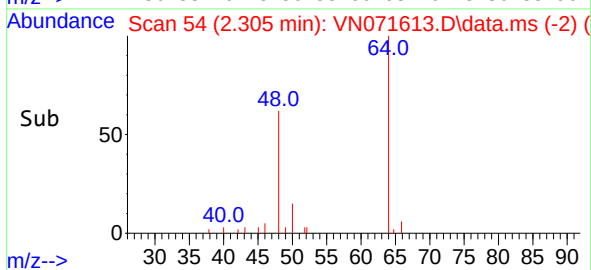
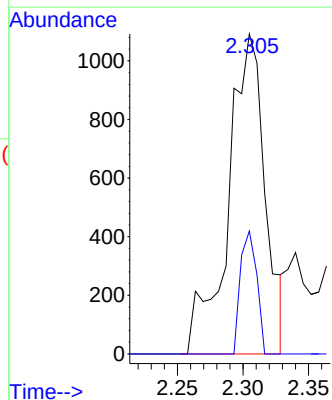
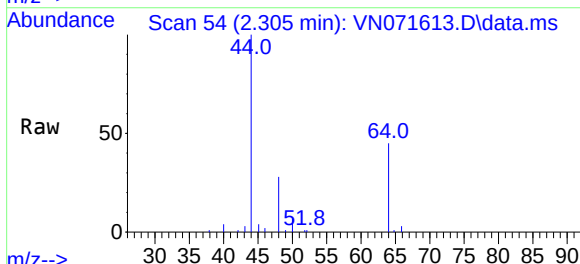


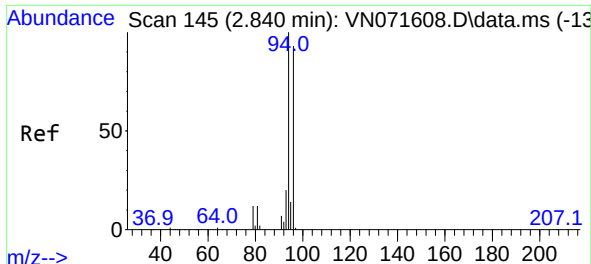
Tgt Ion:168 Resp: 741284
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#3
Chloromethane
Concen: 0.250 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 50 Resp: 2139
Ion Ratio Lower Upper
50 100
52 38.4 25.7 38.5

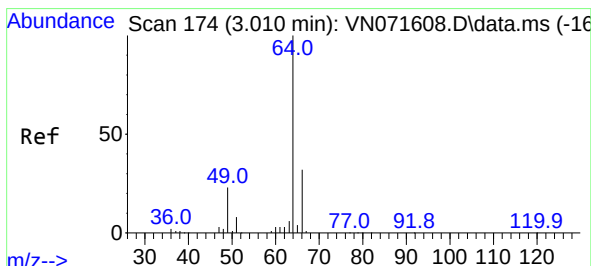
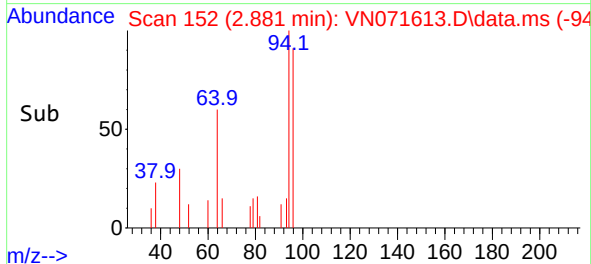
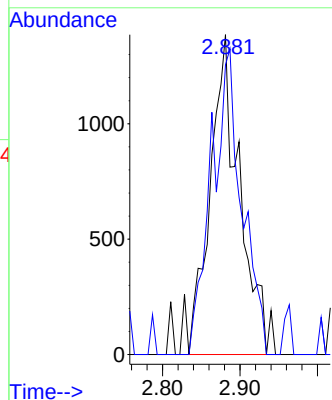
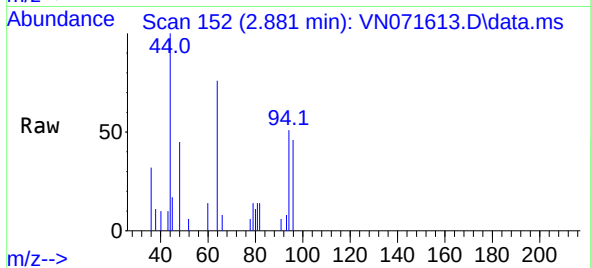




#5
Bromomethane
Concen: 0.676 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

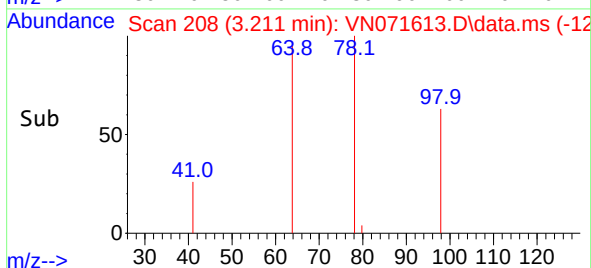
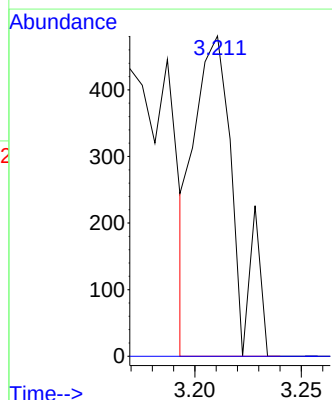
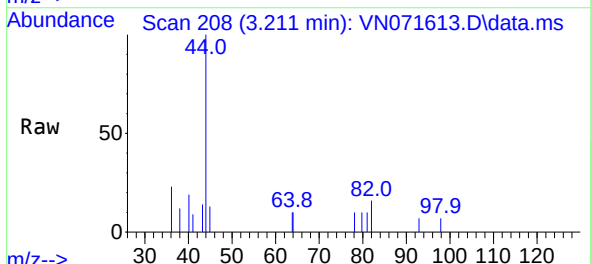
Instrument :
MSVOA_N
ClientSampleId :

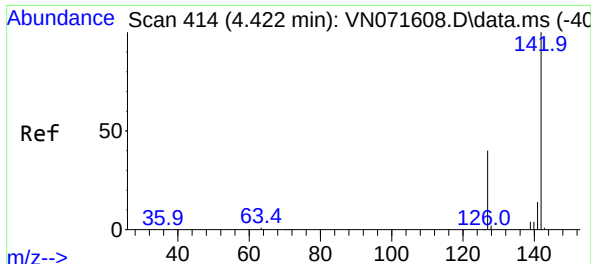
Tgt Ion: 94 Resp: 3768
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.211 min Scan# 208
Delta R.T. 0.201 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

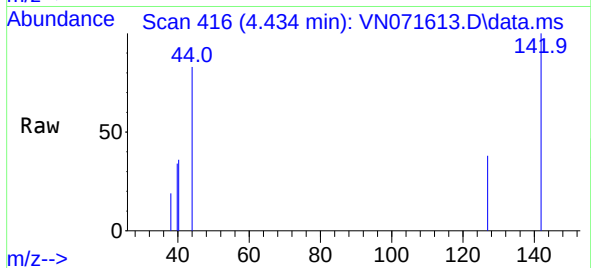
Tgt Ion: 64 Resp: 631
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



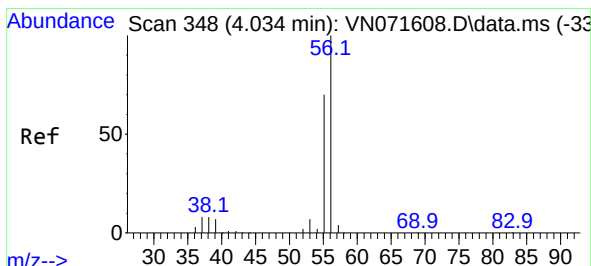
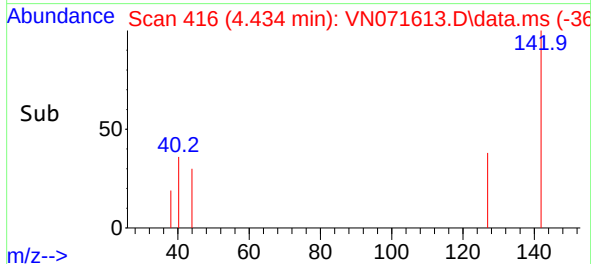
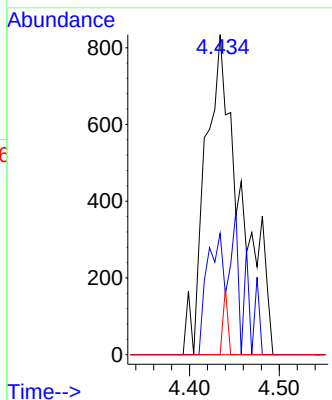


#10
Methyl Iodide
Concen: 0.226 ug/l
RT: 4.434 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

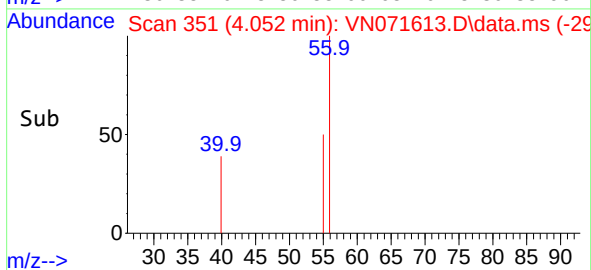
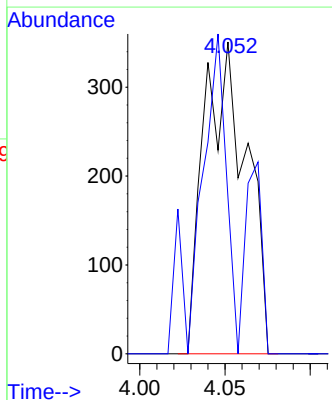
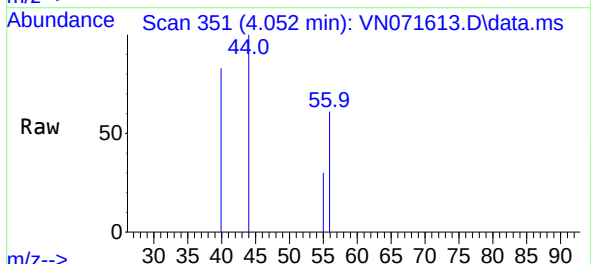


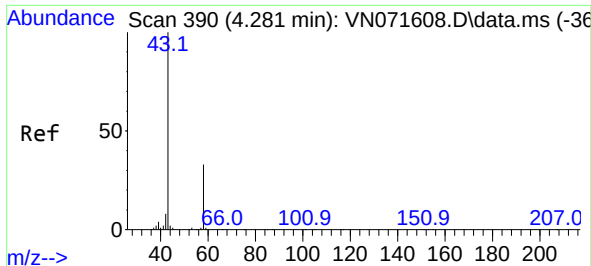
Tgt Ion:142 Resp: 2291
Ion Ratio Lower Upper
142 100
127 18.3 31.3 46.9#
141 2.7 11.2 16.8#



#13
Acrolein
Concen: 0.464 ug/l
RT: 4.052 min Scan# 351
Delta R.T. 0.018 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

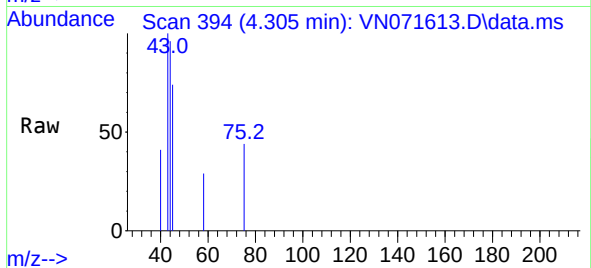
Tgt Ion: 56 Resp: 608
Ion Ratio Lower Upper
56 100
55 64.3 54.8 82.2



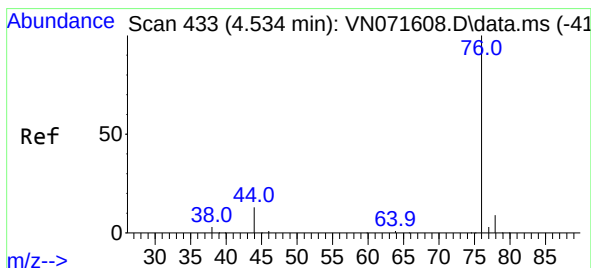
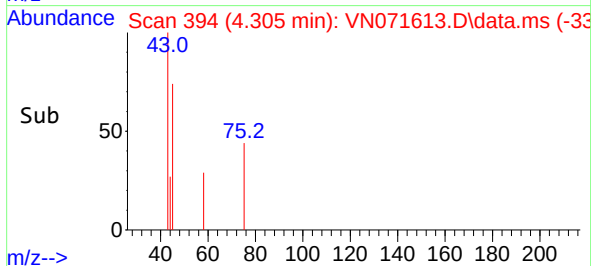
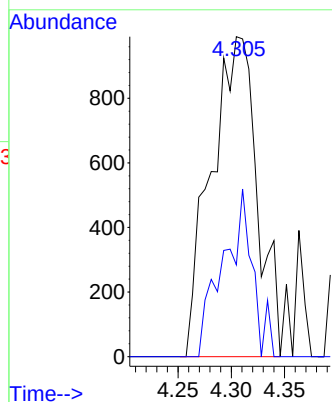


#16
Acetone
Concen: 0.817 ug/l
RT: 4.305 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

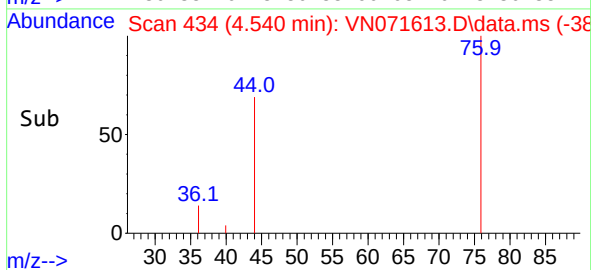
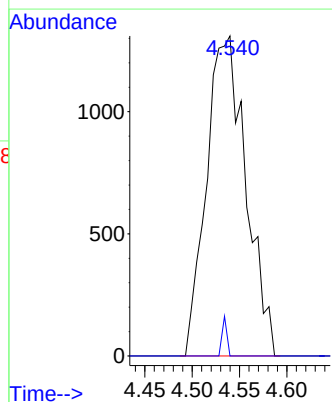
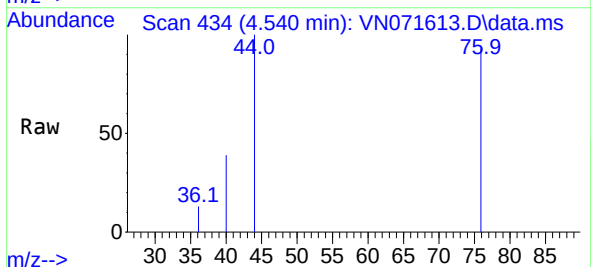


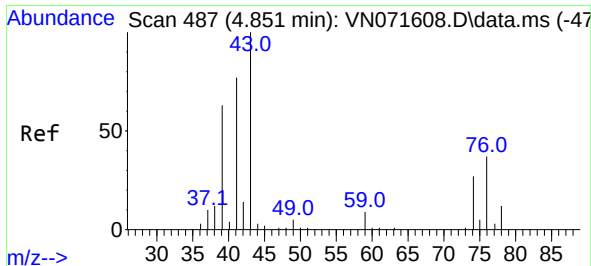
Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 76 Resp: 3798
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

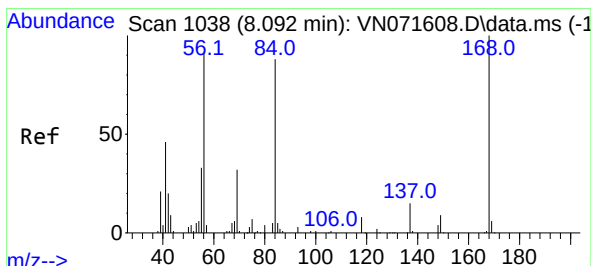
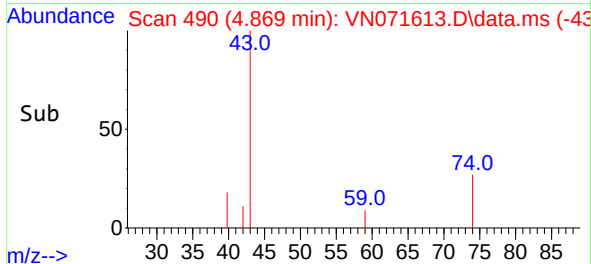
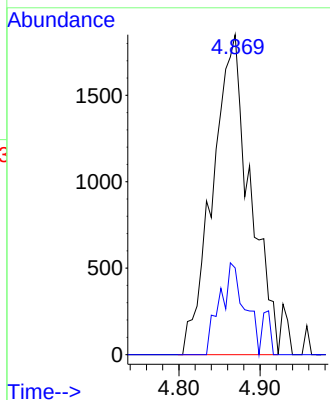
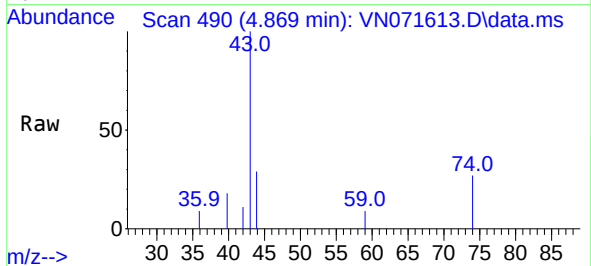




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

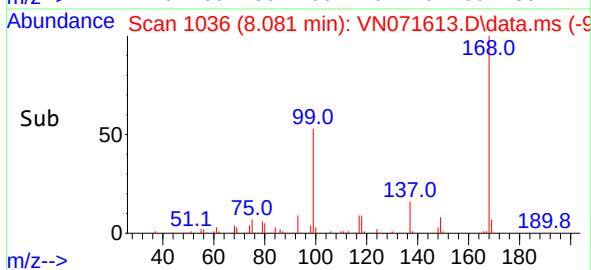
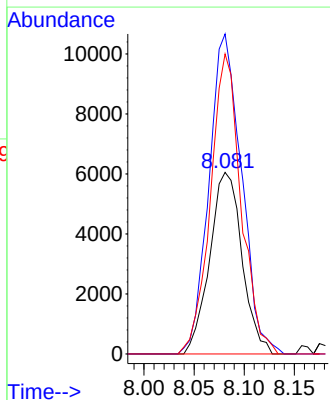
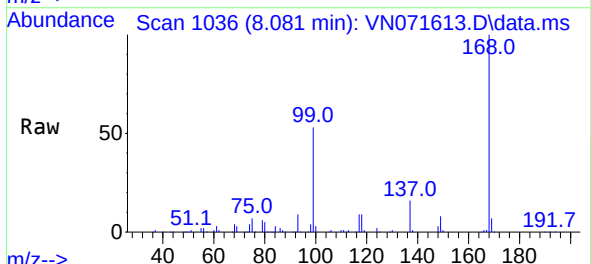
Instrument :
MSVOA_N
ClientSampleId :

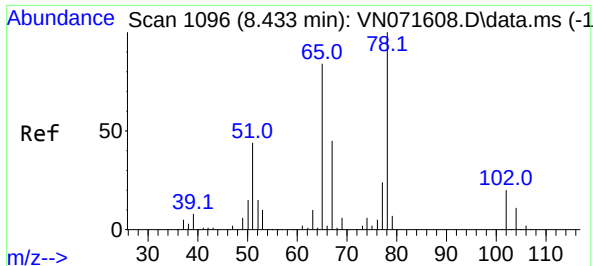
Tgt Ion: 43 Resp: 5924
Ion Ratio Lower Upper
43 100
74 19.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 56 Resp: 13565
Ion Ratio Lower Upper
56 100
69 176.2 27.8 41.8#
84 165.2 76.9 115.3#

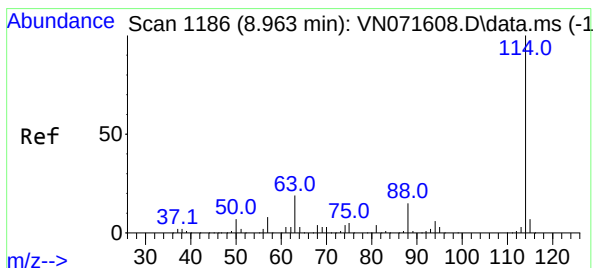
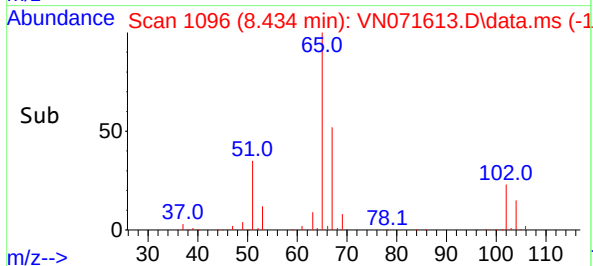
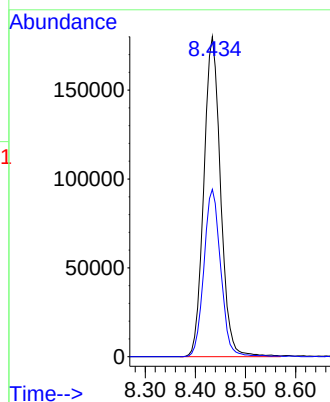
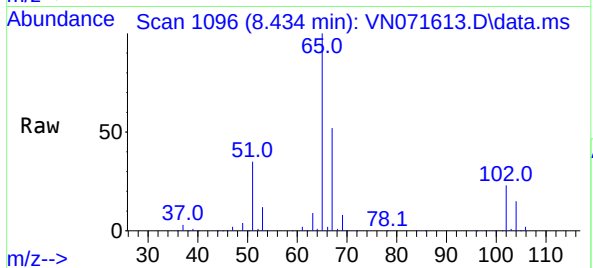




#33
1,2-Dichloroethane-d4
Concen: 47.145 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

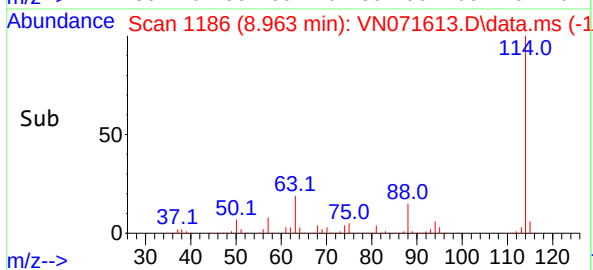
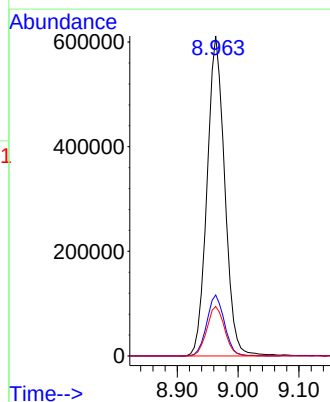
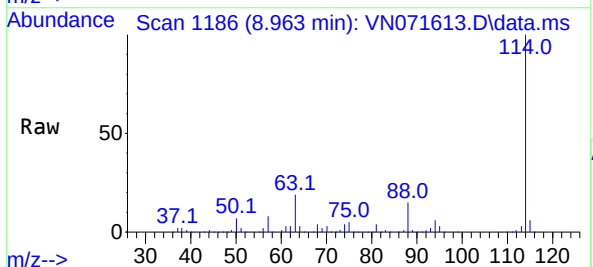
Instrument :
MSVOA_N
ClientSampleId :

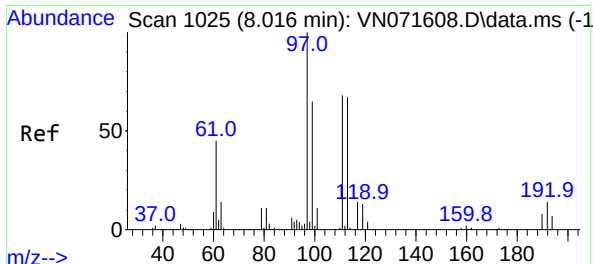
Tgt Ion: 65 Resp: 419033
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

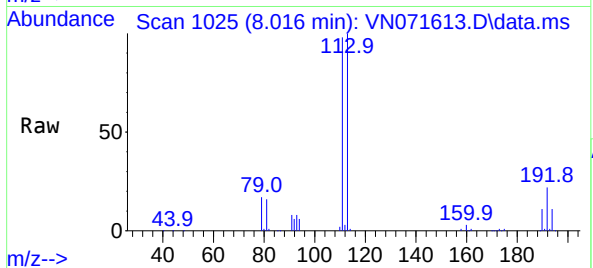
Tgt Ion:114 Resp: 1232523
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.5 0.0 32.6



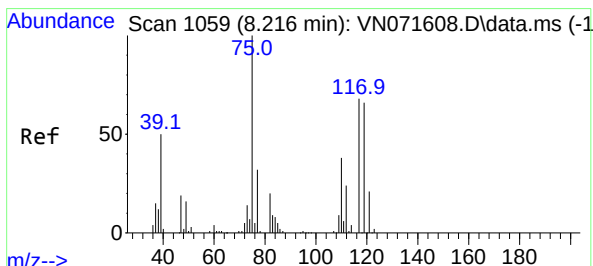
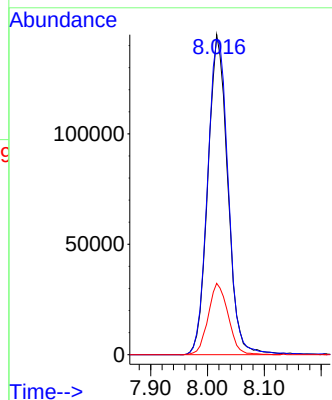
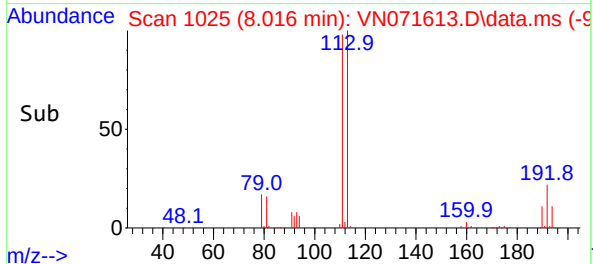


#35
Dibromofluoromethane
Concen: 46.353 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

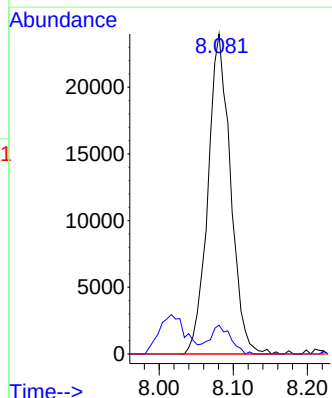
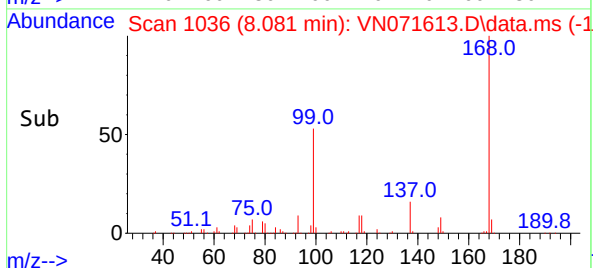
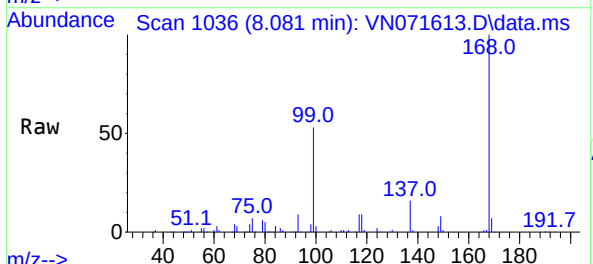


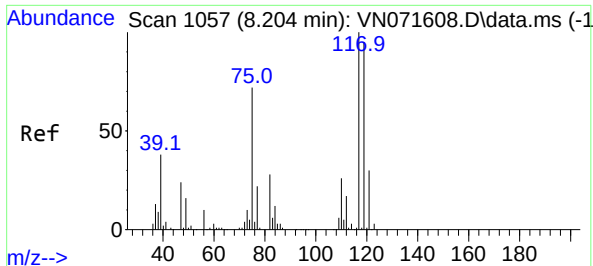
Tgt Ion:113 Resp: 350871
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

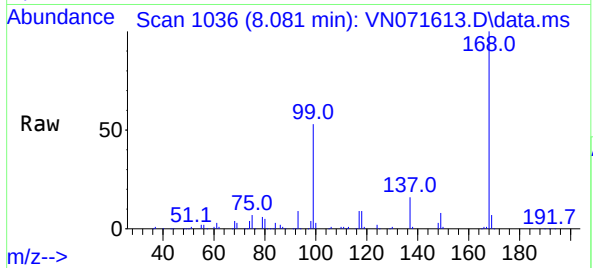
Tgt Ion: 75 Resp: 50854
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



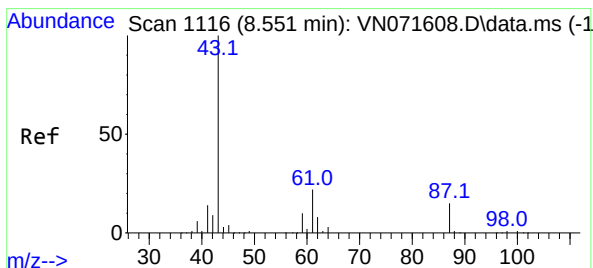
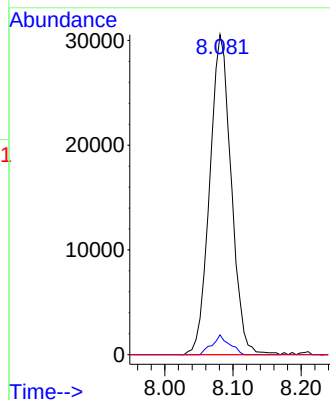
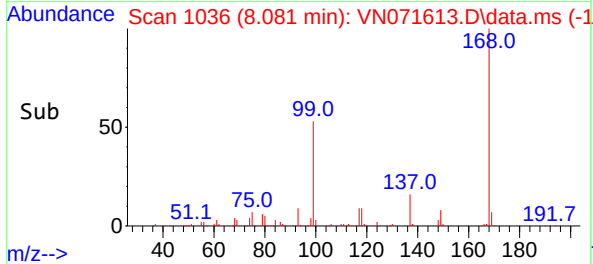


#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

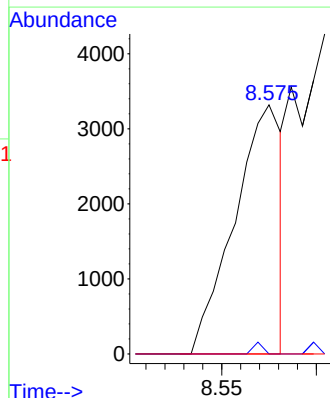
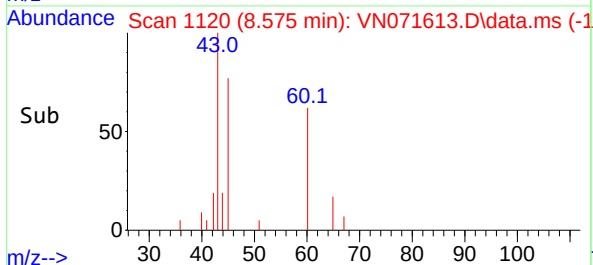
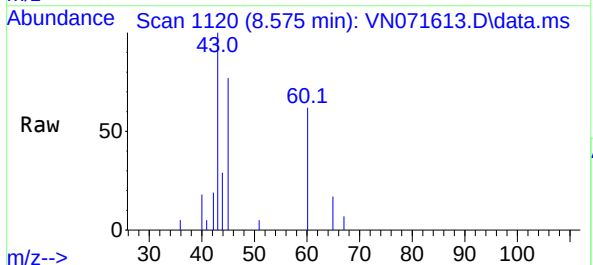


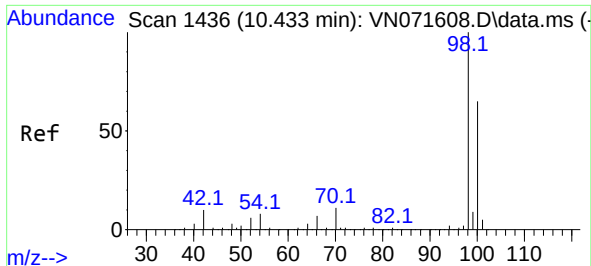
Tgt Ion:117 Resp: 67095
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.505 ug/l
RT: 8.575 min Scan# 1120
Delta R.T. 0.024 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 43 Resp: 5777
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

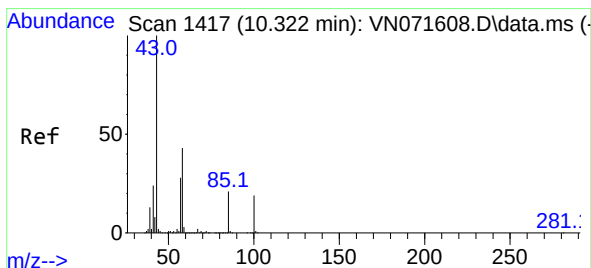
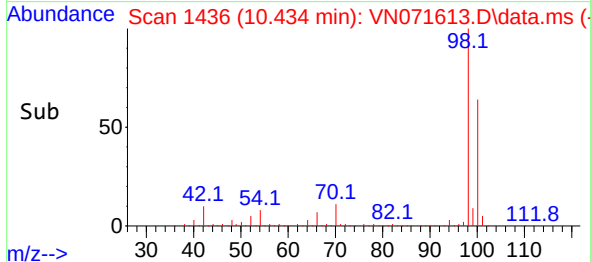
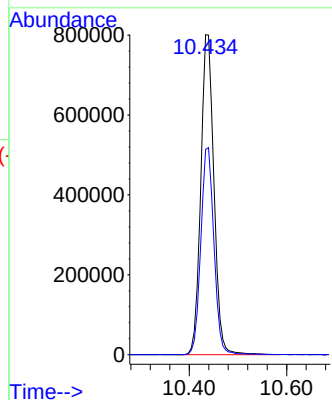
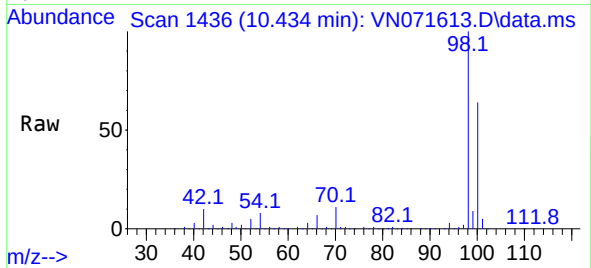




#50
Toluene-d8
Concen: 48.341 ug/l
RT: 10.434 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

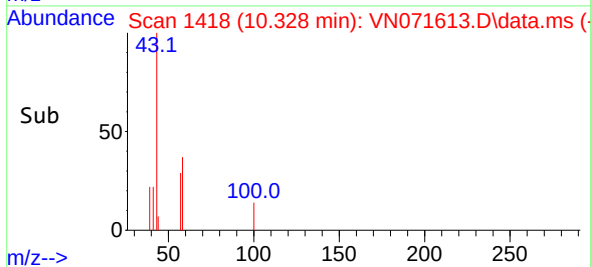
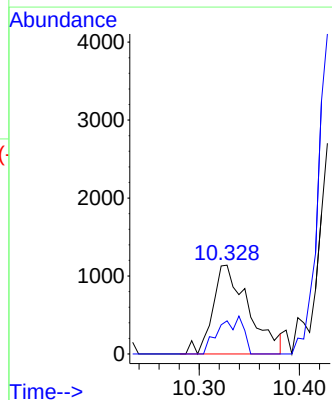
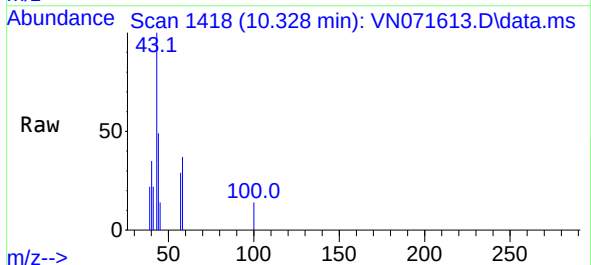
Instrument :
MSVOA_N
ClientSampleId :

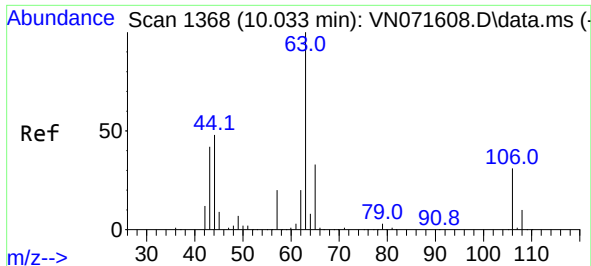
Tgt Ion: 98 Resp: 1509375
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 43 Resp: 2839
Ion Ratio Lower Upper
43 100
58 28.9 34.1 51.1#

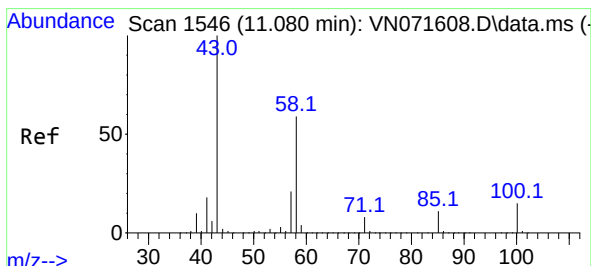
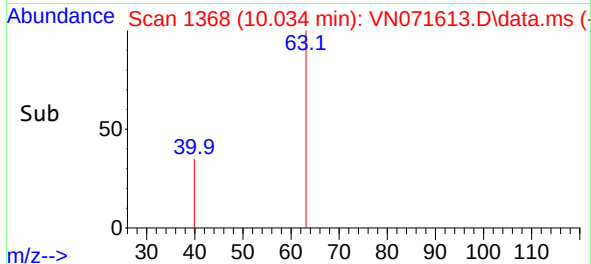
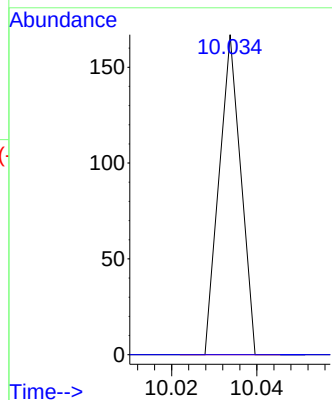
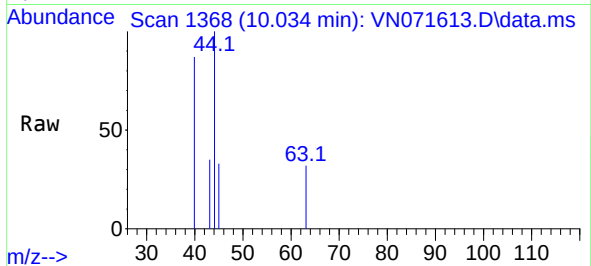




#58
2-Chloroethyl Vinyl ether
Concen: 19.814 ug/l
RT: 10.034 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

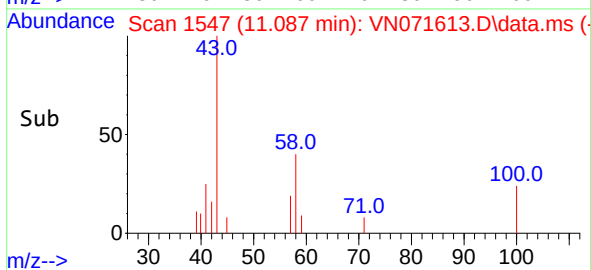
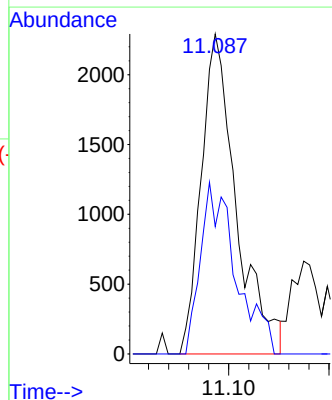
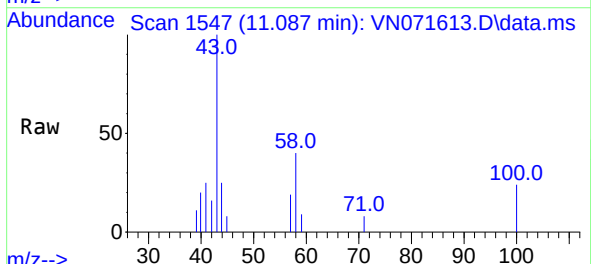
Instrument :
MSVOA_N
ClientSampleId :

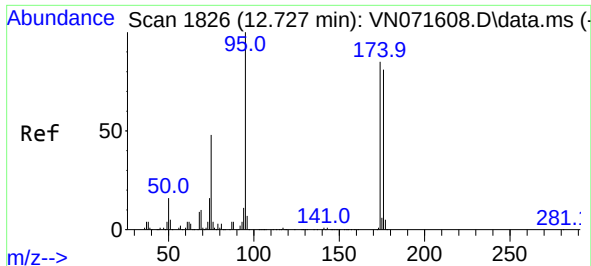
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.671 ug/l
RT: 11.087 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 43 Resp: 5604
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1

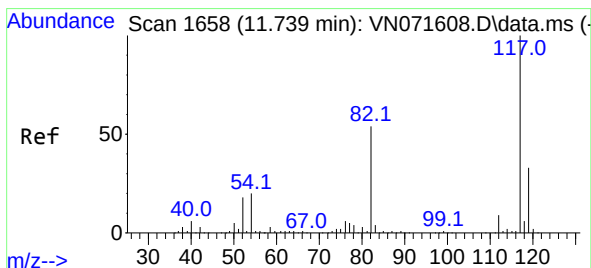
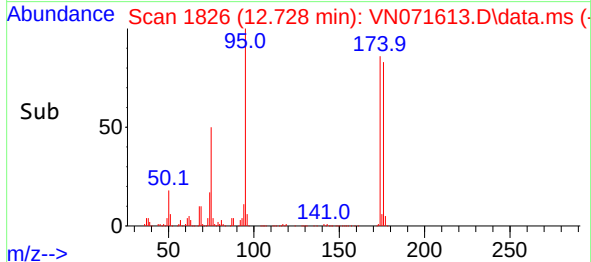
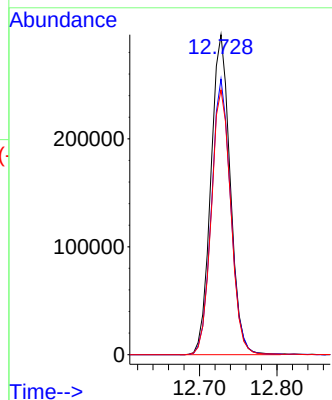
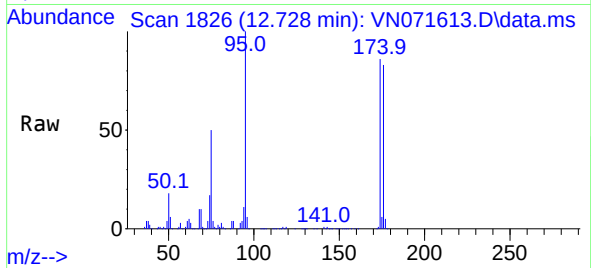




#62
4-Bromofluorobenzene
Concen: 50.656 ug/l
RT: 12.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

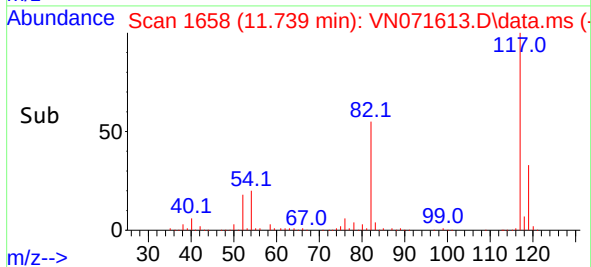
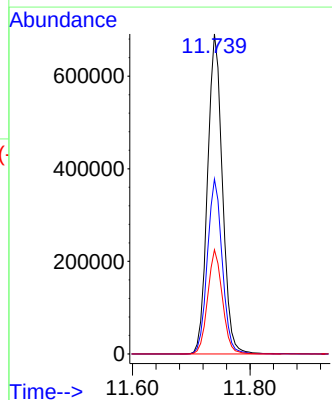
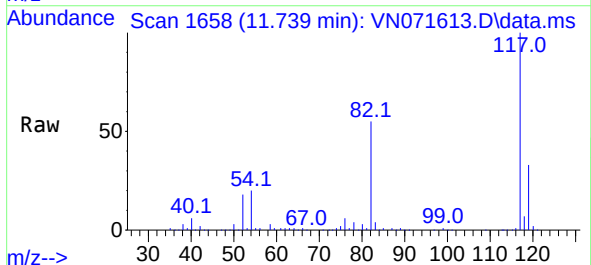
Instrument :
MSVOA_N
ClientSampleId :

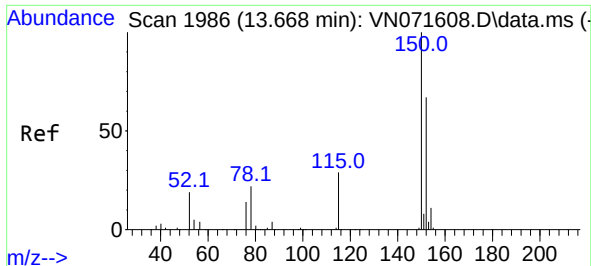
Tgt Ion: 95 Resp: 515972
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 83.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

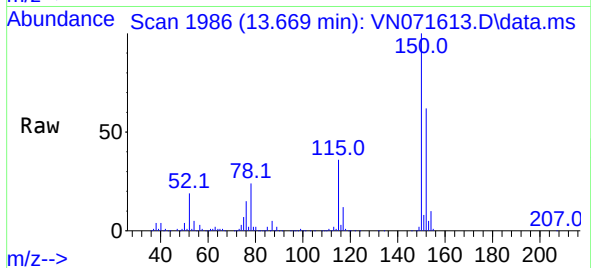
Tgt Ion: 117 Resp: 1217160
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.5 25.4 38.0



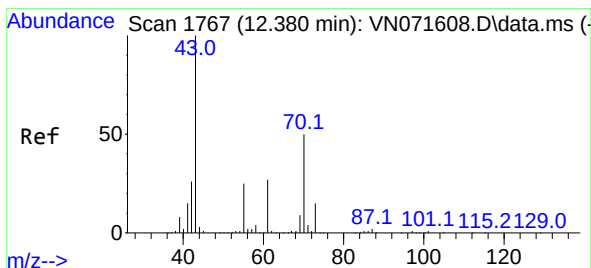
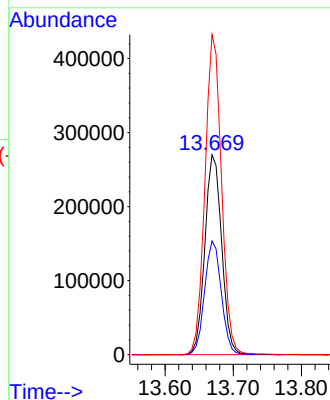
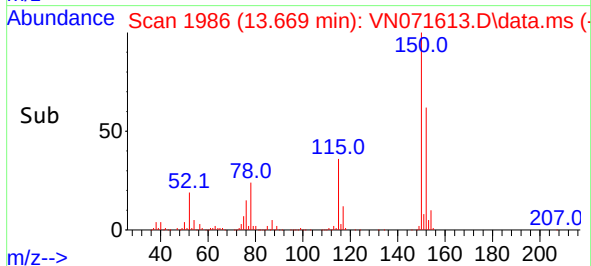


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

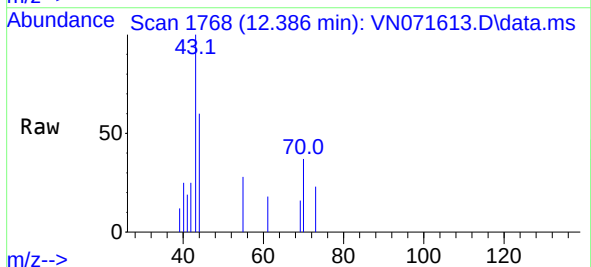
Instrument :
MSVOA_N
ClientSampleId :



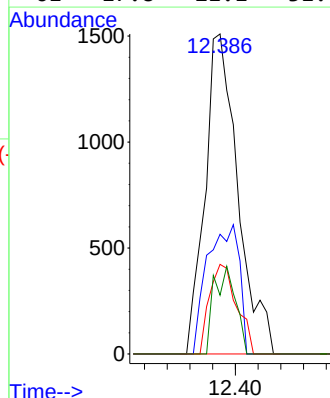
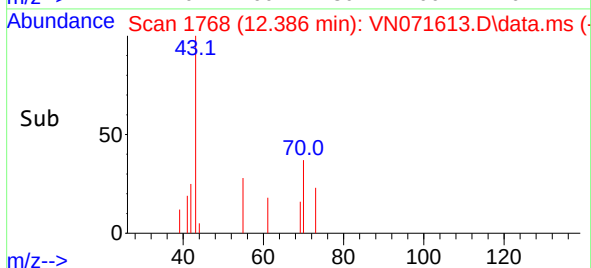
Tgt Ion:152 Resp: 463122
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 157.4 0.0 356.2

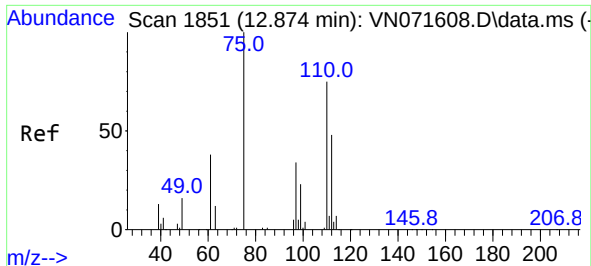


#74
N-ethyl acetate
Concen: 0.247 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34



Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
70 39.1 39.0 58.4
55 23.2 21.1 31.7
61 17.8 21.1 31.7#

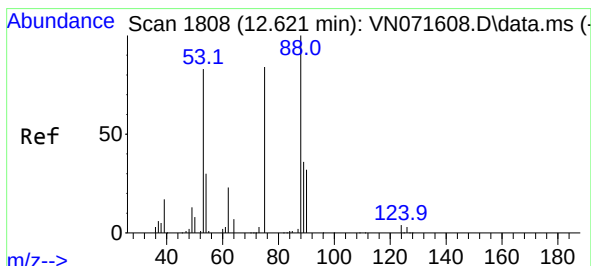
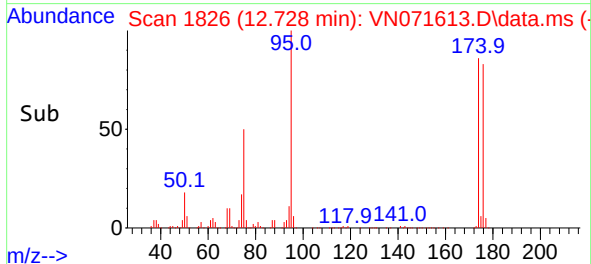
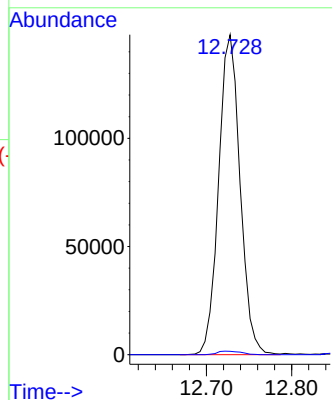
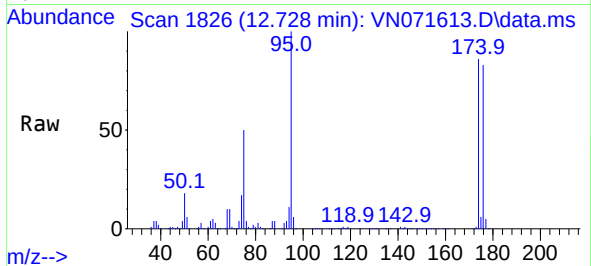




#76
1,2,3-Trichloropropane
Concen: 23.281 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

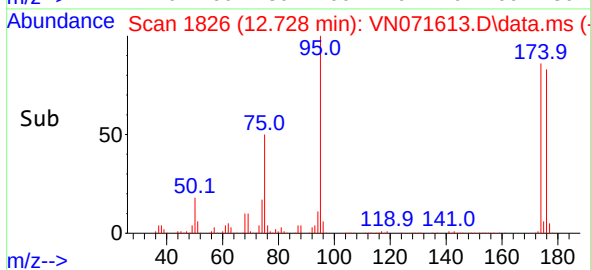
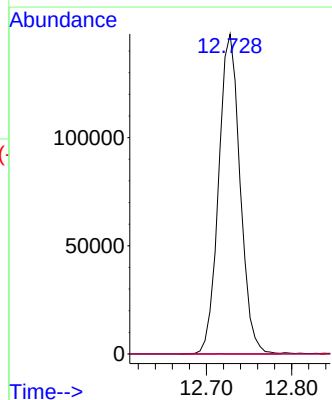
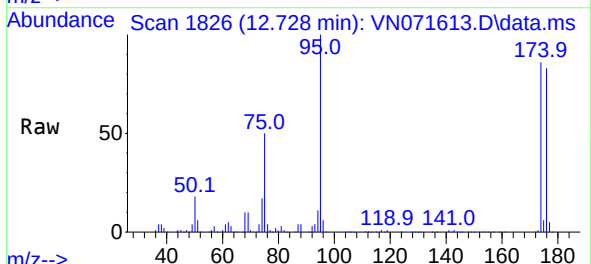
Instrument :
MSVOA_N
ClientSampleId :

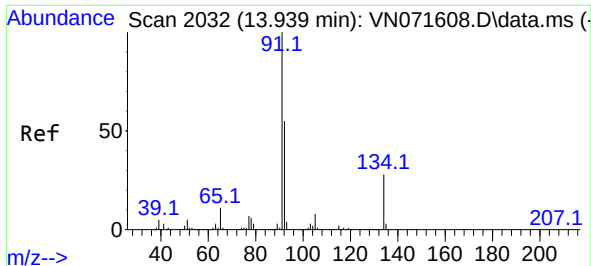
Tgt Ion: 75 Resp: 258890
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.200 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

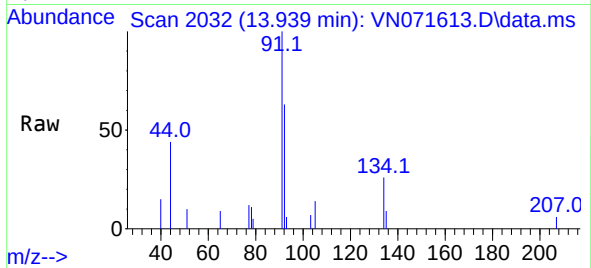
Tgt Ion: 75 Resp: 258890
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



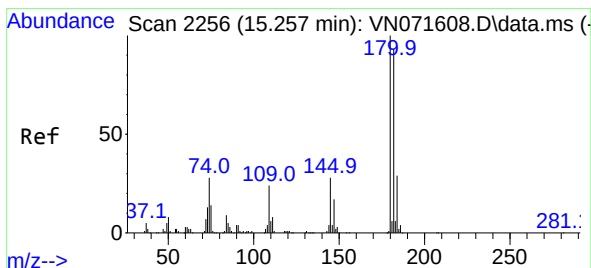
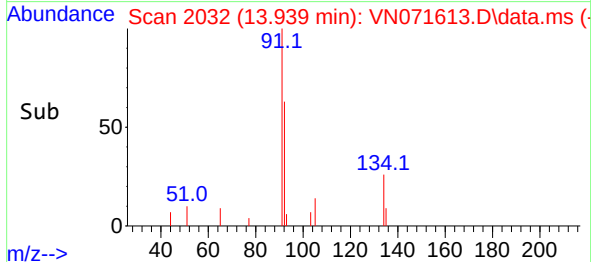
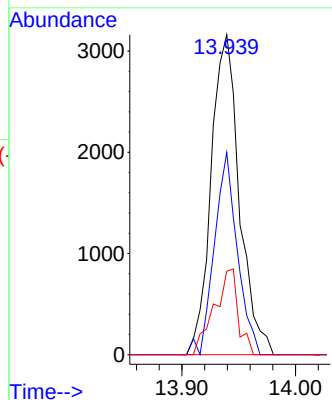


#89
n-Butylbenzene
Concen: 0.235 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

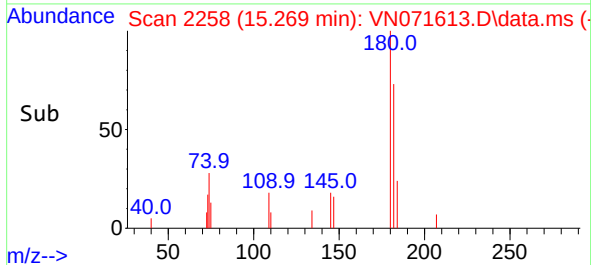
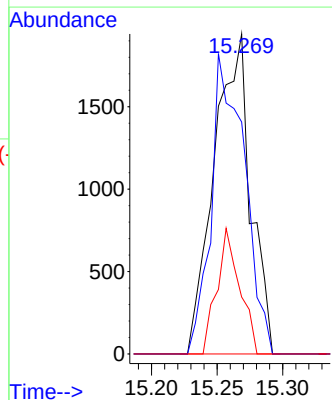
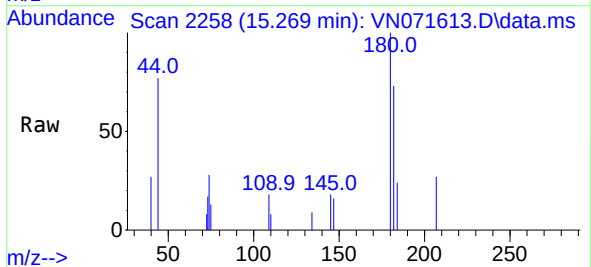


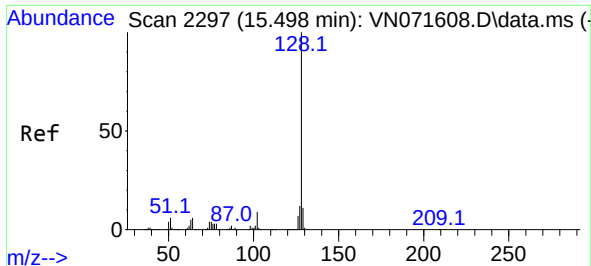
Tgt Ion: 91 Resp: 5461
Ion Ratio Lower Upper
91 100
92 51.5 26.9 80.7
134 22.6 13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 0.526 ug/l
RT: 15.269 min Scan# 2258
Delta R.T. 0.012 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion: 180 Resp: 3745
Ion Ratio Lower Upper
180 100
182 86.0 47.5 142.5
145 24.5 14.5 43.5

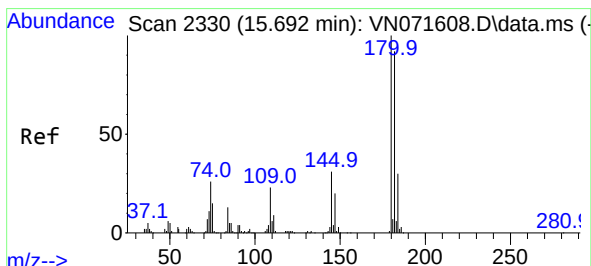
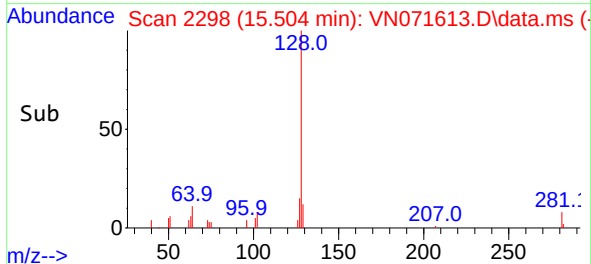
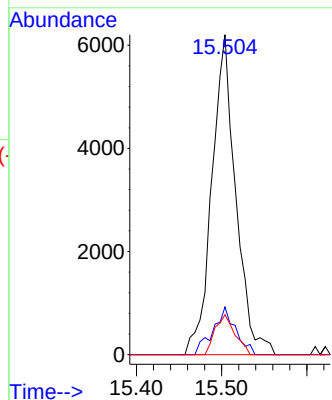
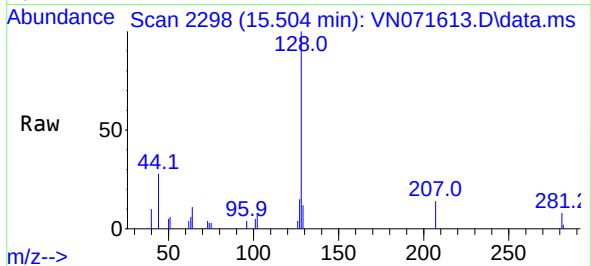




#95
Naphthalene
Concen: 5.172 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	12114
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	10.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.547 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071613.D
Acq: 28 Mar 2022 19:34

Tgt Ion:	180	Resp:	3897
Ion	Ratio	Lower	Upper
180	100		
182	103.9	47.8	143.3
145	30.5	15.5	46.5

