

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074672.D
 Acq On : 30 Sep 2022 17:17
 Operator : JC\MD
 Sample : N4913-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

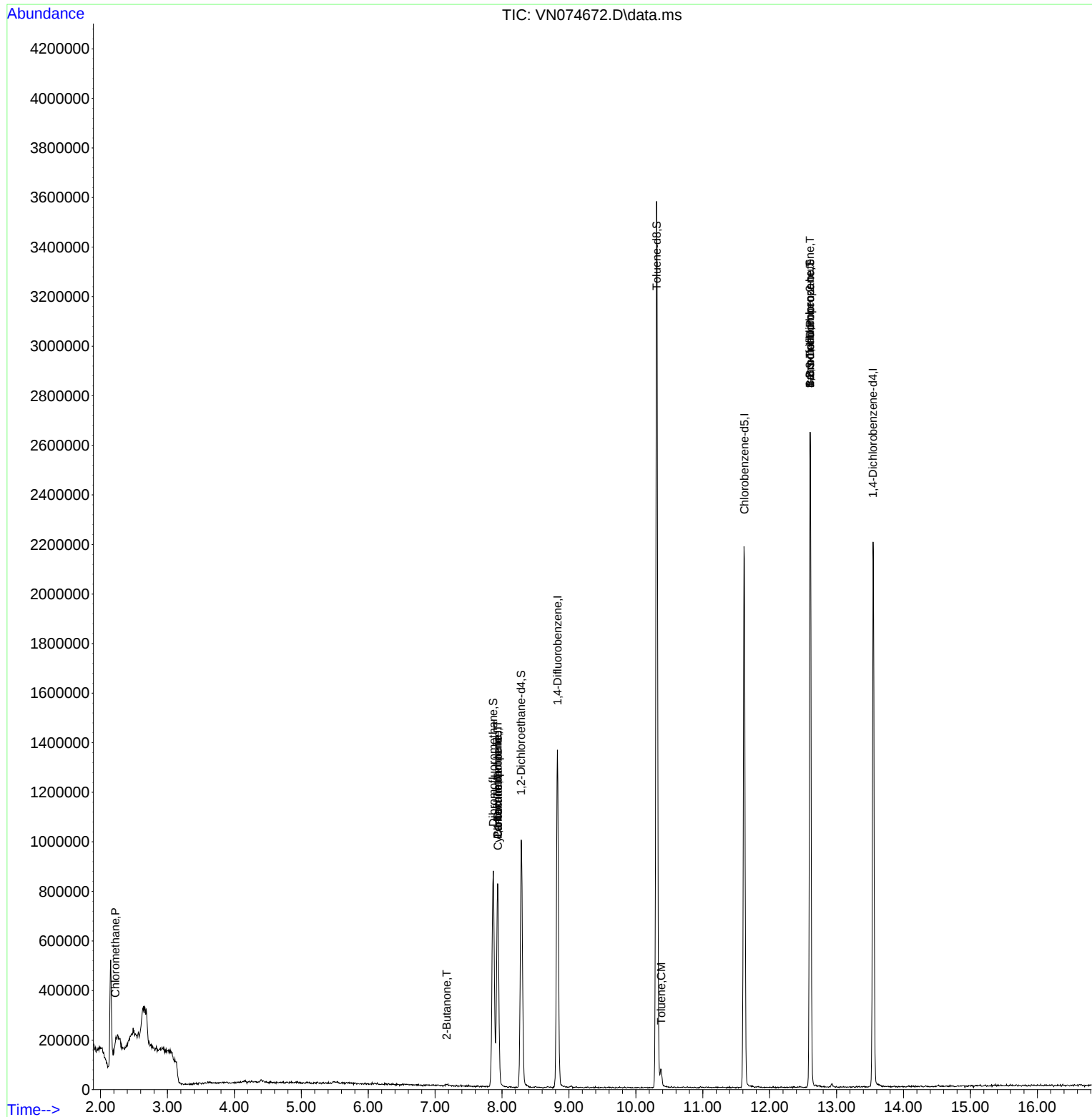
Internal Standards						
1) Pentafluorobenzene	7.934	168	592656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1139723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	1152606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	542100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	733792	49.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	7.869	113	602159	49.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	10.310	98	2312546	45.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.604	95	785341	48.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	4918	0.271	ug/l	93
8) Diethyl Ether	3.628	74	61	Below Cal	#	7
13) Acrolein	3.893	56	305	Below Cal	#	1
16) Acetone	4.146	43	4158	Below Cal		100
20) Methylene Chloride	4.904	84	424	Below Cal	#	19
25) 2-Butanone	7.175	43	8873	0.649	ug/l #	59
31) Cyclohexane	7.939	56	19930	0.826	ug/l #	64
36) 1,1-Dichloropropene	7.934	75	56794	2.940	ug/l #	48
38) Carbon Tetrachloride	7.934	117	64239	3.629	ug/l #	16
52) Toluene	10.381	92	23436	0.652	ug/l	95
71) Bromoform	12.604	173	5229	0.530	ug/l #	28
74) N-amyl acetate	12.251	43	485	Below Cal	#	81
75) 1,1,2,2-Tetrachloroethane	12.710	83	294	Below Cal	#	91
76) 1,2,3-Trichloropropane	12.604	75	474039	38.568	ug/l #	1
77) Bromobenzene	12.727	156	64	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.604	75	474039	73.075	ug/l #	10

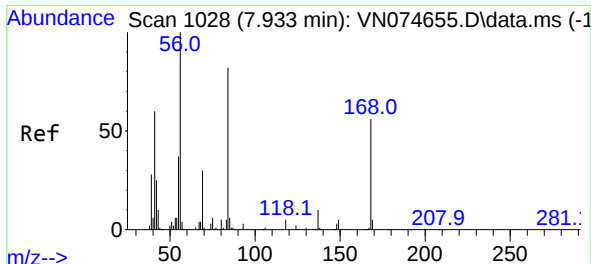
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 02:06:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration

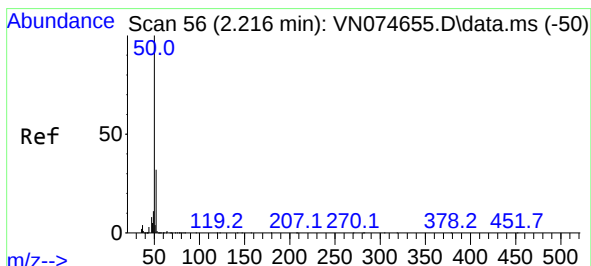
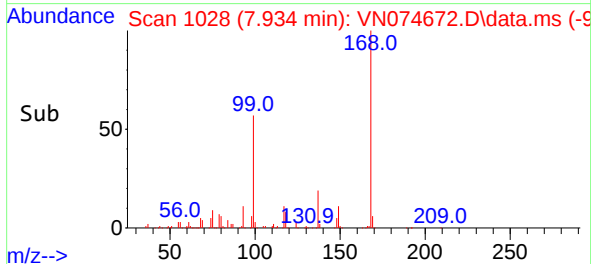
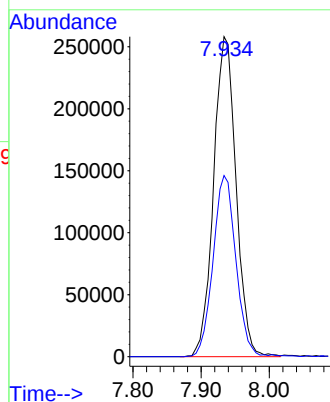
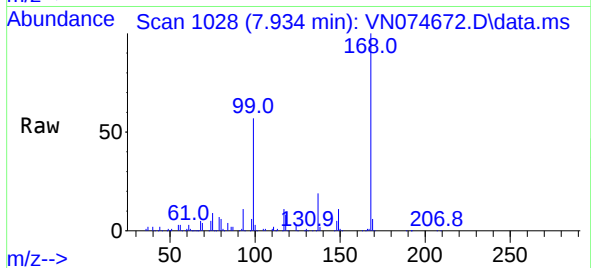




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

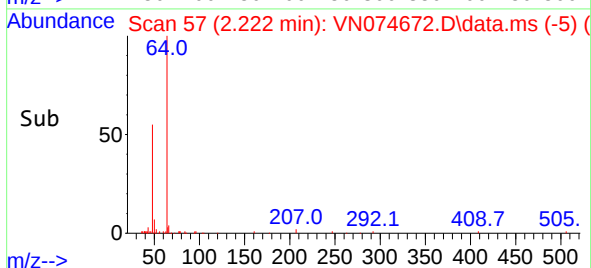
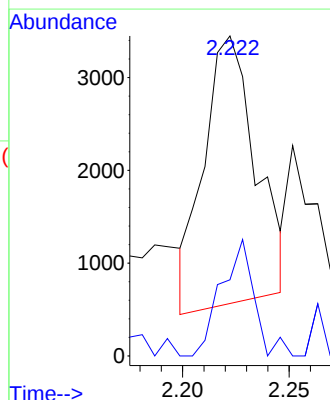
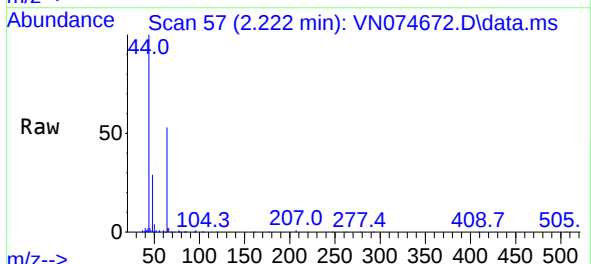
Instrument :
MSVOA_N
ClientSampleId :

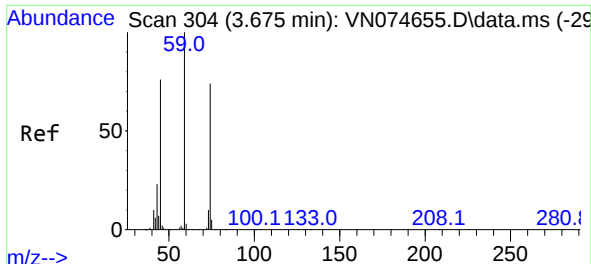
Tgt Ion:168 Resp: 592656
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.222 min Scan# 57
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 50 Resp: 4918
Ion Ratio Lower Upper
50 100
52 35.9 25.7 38.5

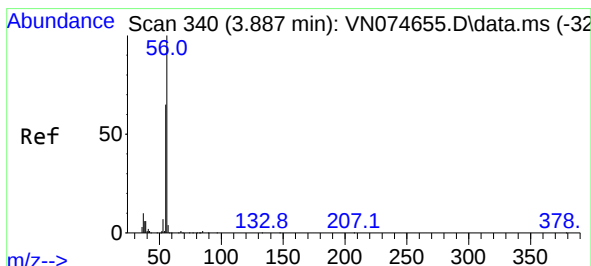
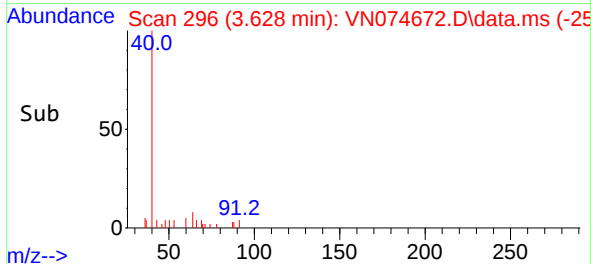
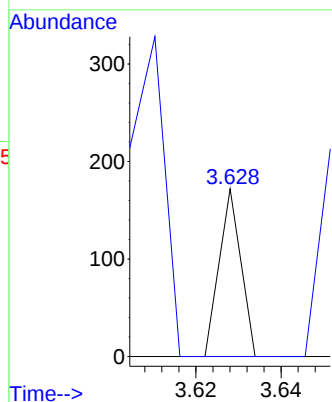
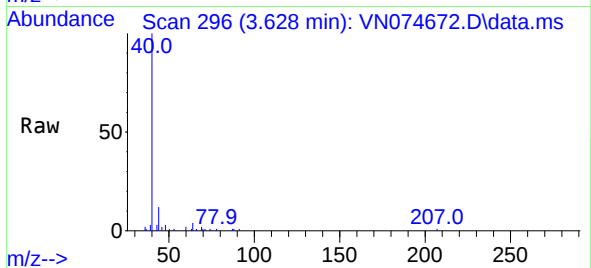




#8
Diethyl Ether
Concen: Below Cal
RT: 3.628 min Scan# 296
Delta R.T. -0.047 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

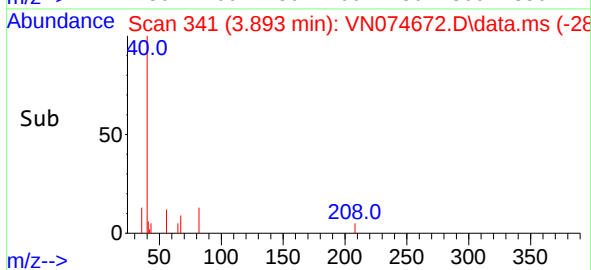
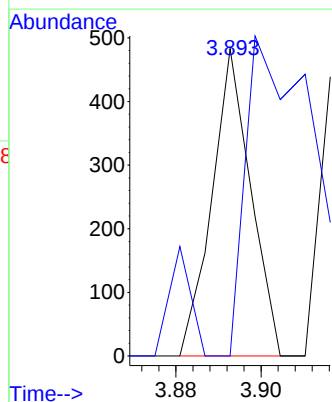
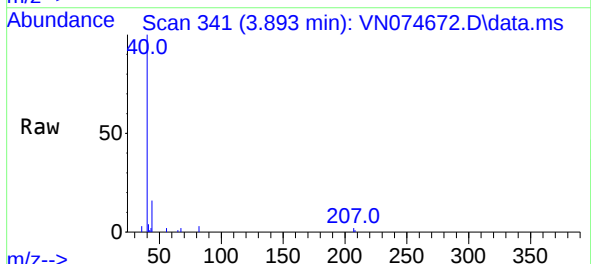
Instrument :
MSVOA_N
ClientSampleId :

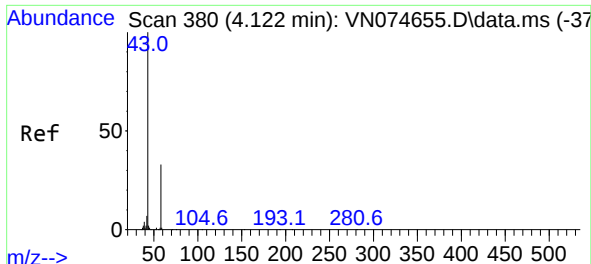
Tgt Ion: 74 Resp: 61
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5#



#13
Acrolein
Concen: Below Cal
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 219.7 54.8 82.2#

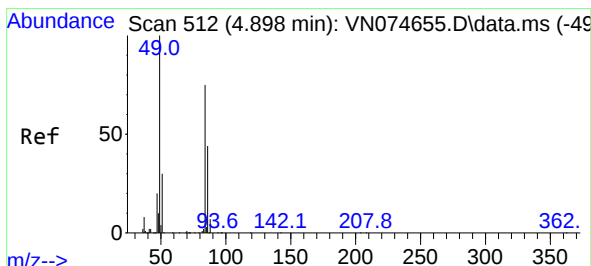
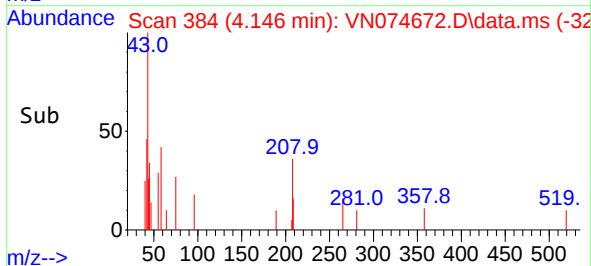
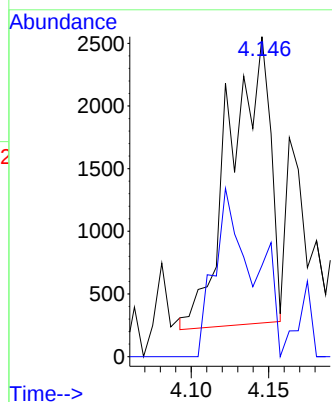
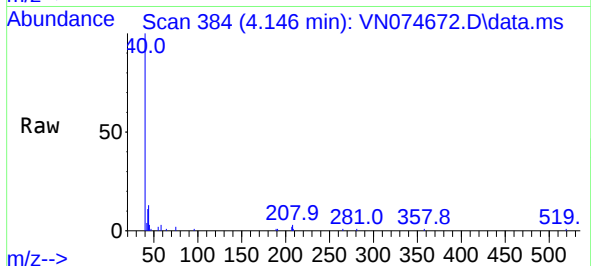




#16
Acetone
Concen: Below Cal
RT: 4.146 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

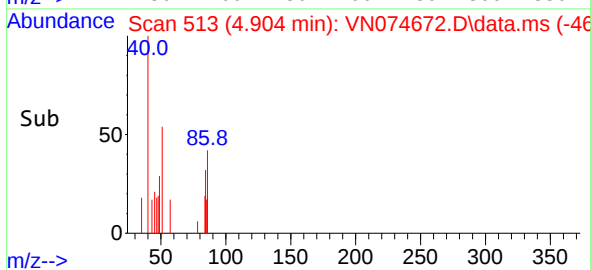
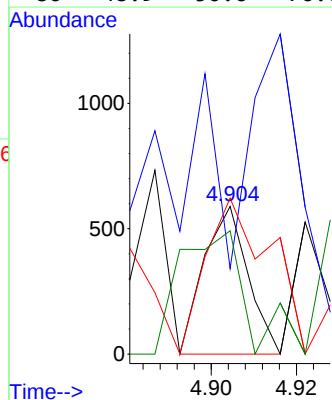
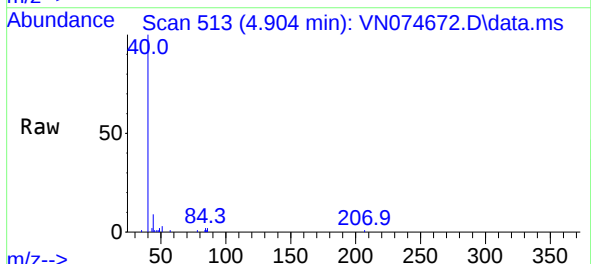
Instrument :
MSVOA_N
ClientSampleId :

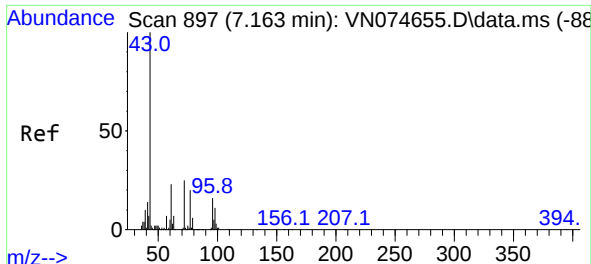
Tgt Ion: 43 Resp: 4158
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.904 min Scan# 513
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 84 Resp: 424
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 105.6 28.2 42.2#
86 48.9 50.6 76.0#

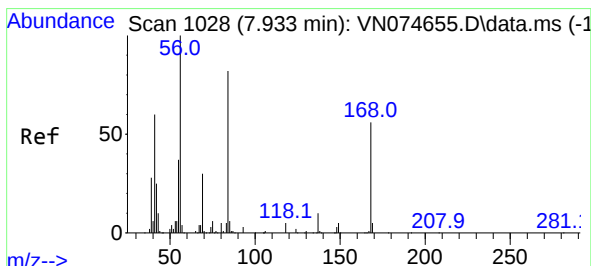
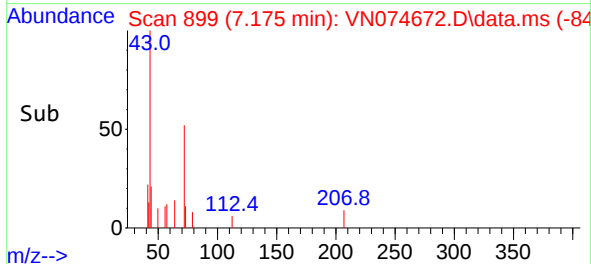
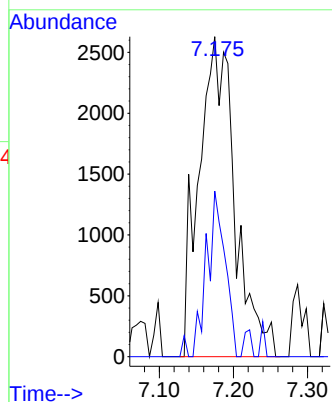
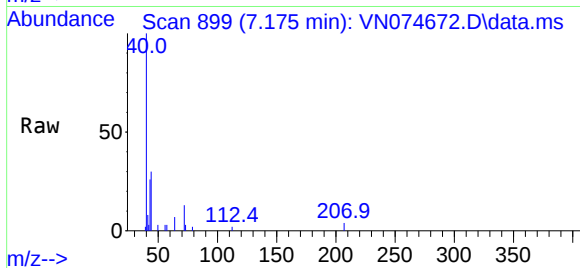




#25
2-Butanone
Concen: 0.649 ug/l
RT: 7.175 min Scan# 897
Delta R.T. 0.012 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

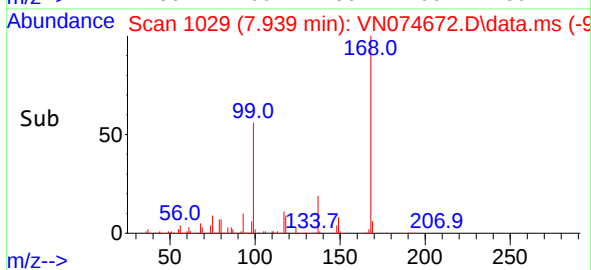
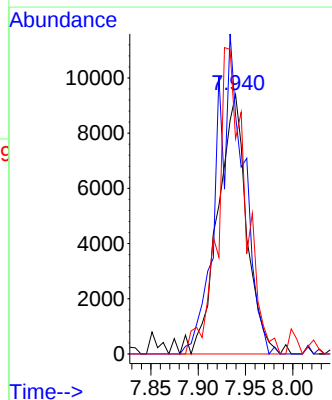
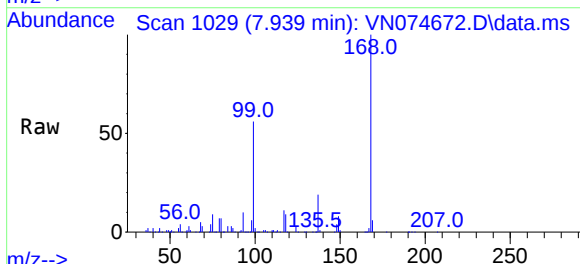
Instrument :
MSVOA_N
ClientSampleId :

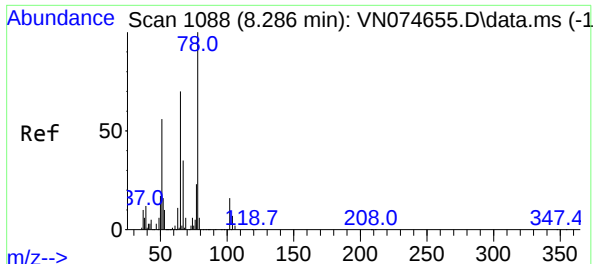
Tgt Ion: 43 Resp: 8873
Ion Ratio Lower Upper
43 100
72 51.8 23.7 35.5#



#31
Cyclohexane
Concen: 0.826 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 56 Resp: 19930
Ion Ratio Lower Upper
56 100
69 92.0 27.8 41.8#
84 83.0 76.9 115.3

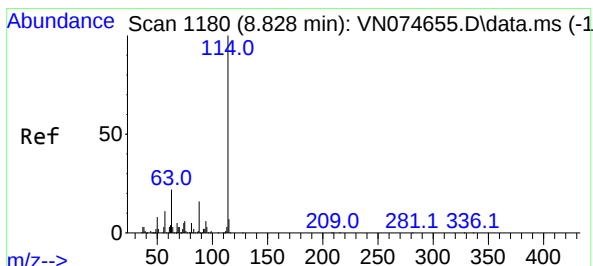
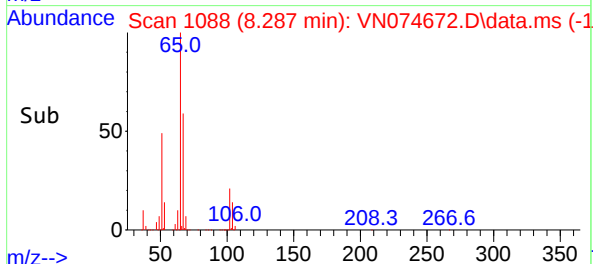
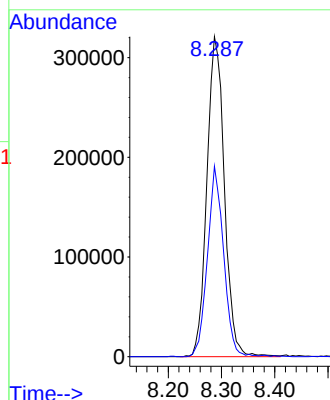
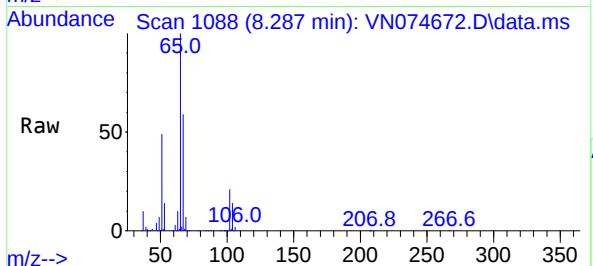




#33
1,2-Dichloroethane-d4
Concen: 49.403 ug/l
RT: 8.287 min Scan# 1088
Delta R.T. 0.001 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

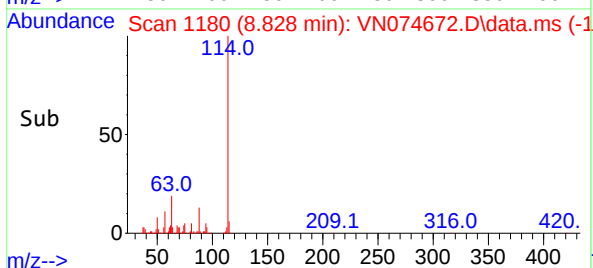
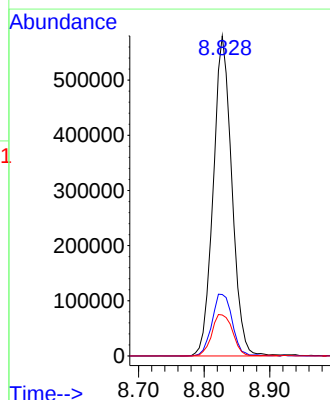
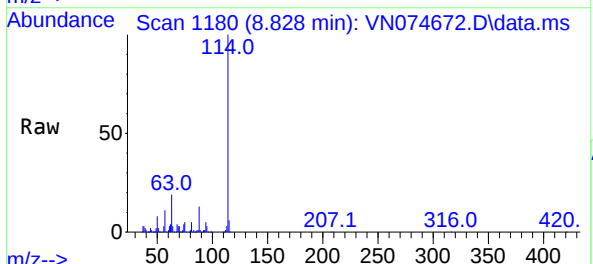
Instrument :
MSVOA_N
ClientSampleId :

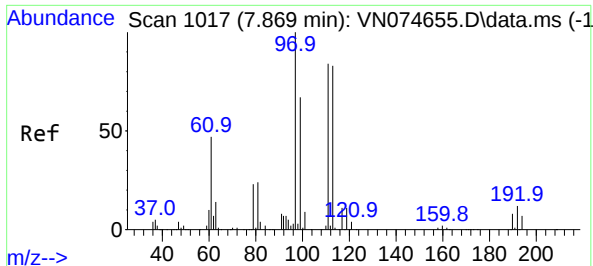
Tgt Ion: 65 Resp: 733792
Ion Ratio Lower Upper
65 100
67 54.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

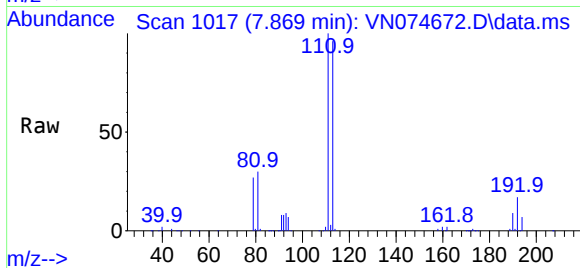
Tgt Ion:114 Resp: 1139723
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 12.8 0.0 32.6



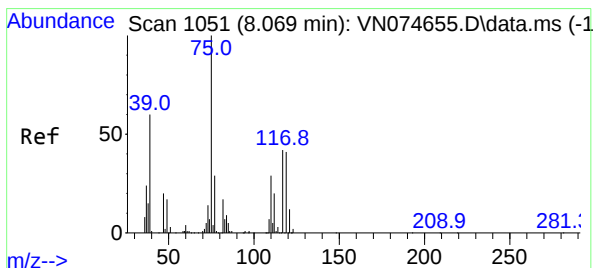
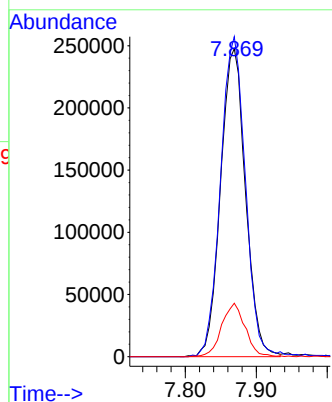
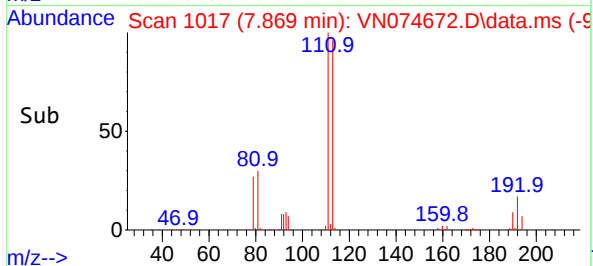


#35
Dibromofluoromethane
Concen: 49.916 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

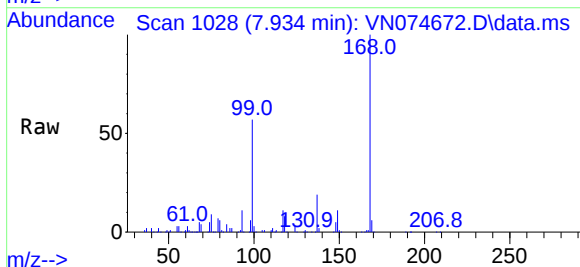
Instrument :
MSVOA_N
ClientSampleId :



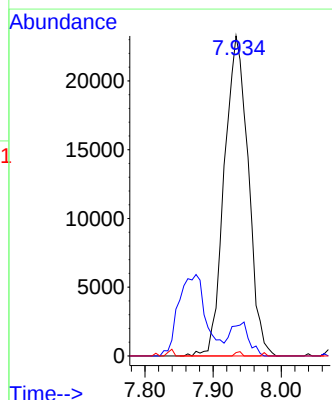
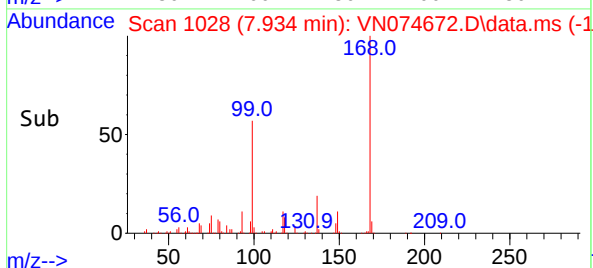
Tgt Ion:113 Resp: 602159
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 16.5 17.0 25.6#

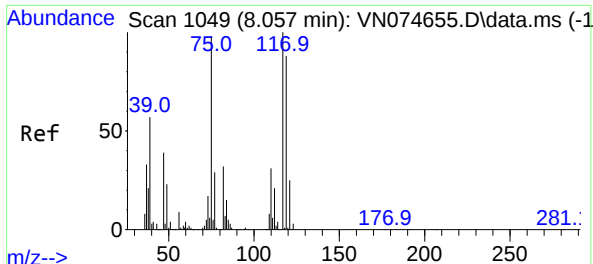


#36
1,1-Dichloropropene
Concen: 2.940 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. -0.135 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17



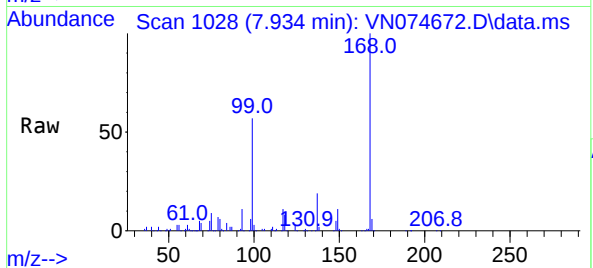
Tgt Ion: 75 Resp: 56794
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.3 25.1 37.7#



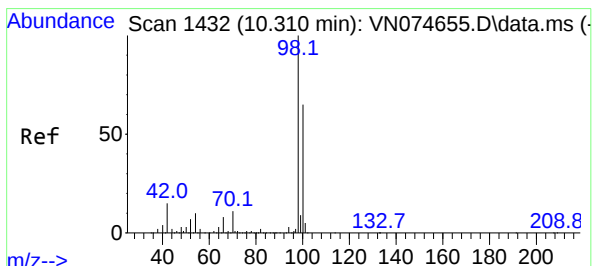
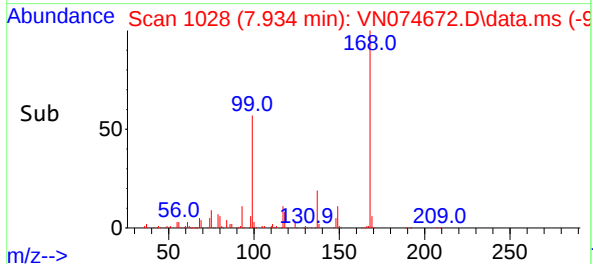
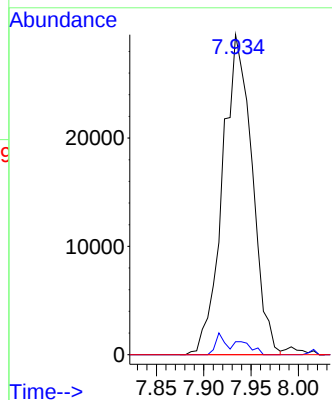


#38
Carbon Tetrachloride
Concen: 3.629 ug/l
RT: 7.934 min Scan# 1049
Delta R.T. -0.123 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :

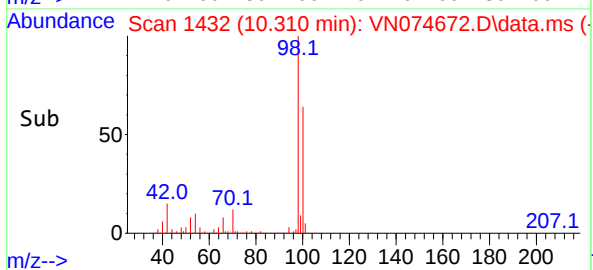
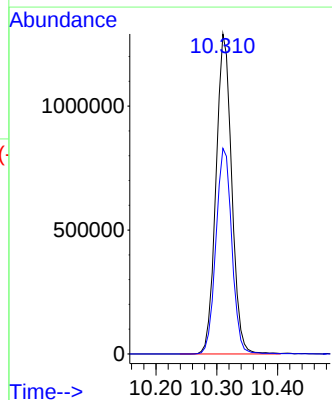
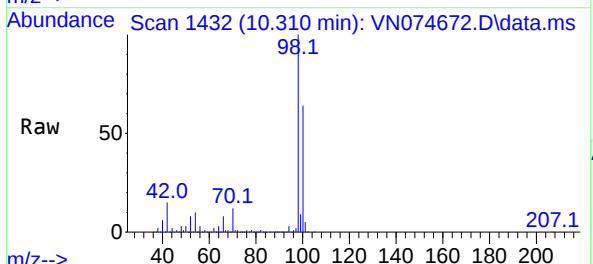


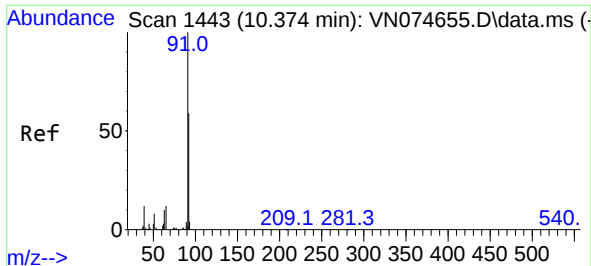
Tgt Ion:117 Resp: 64239
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.574 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 98 Resp: 2312546
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

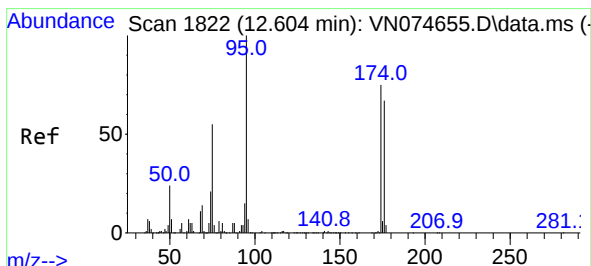
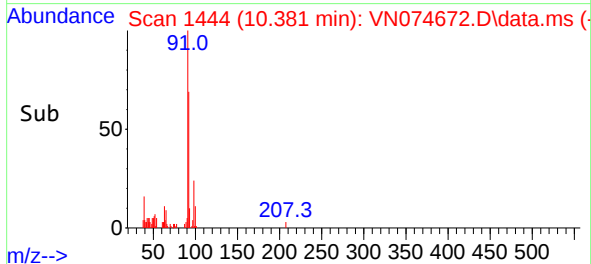
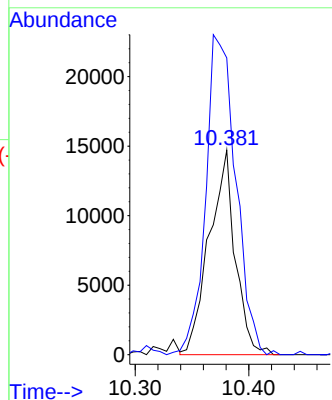
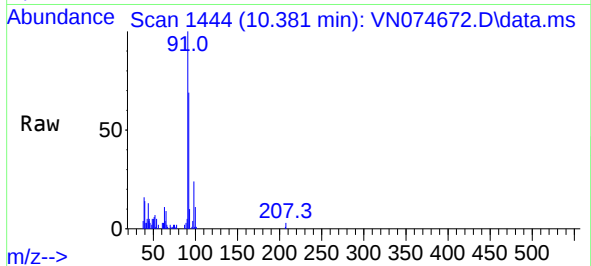




#52
Toluene
Concen: 0.652 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.007 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

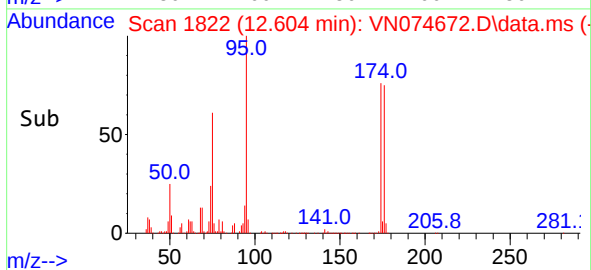
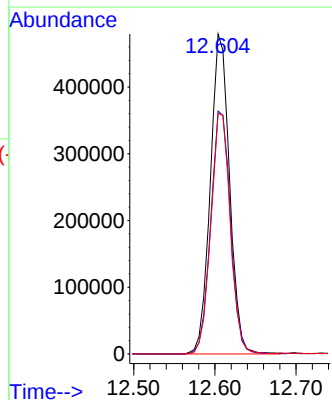
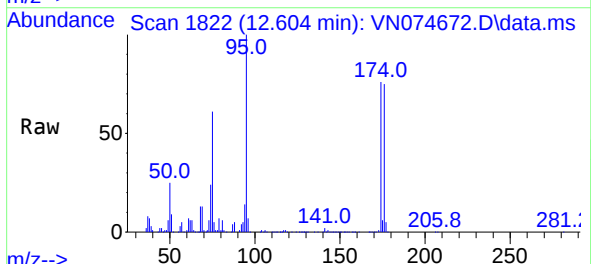
Instrument :
MSVOA_N
ClientSampleId :

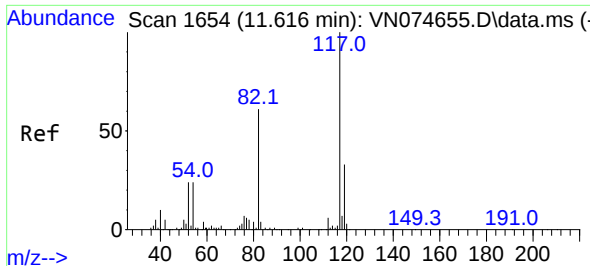
Tgt Ion: 92 Resp: 23436
Ion Ratio Lower Upper
92 100
91 180.7 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.810 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

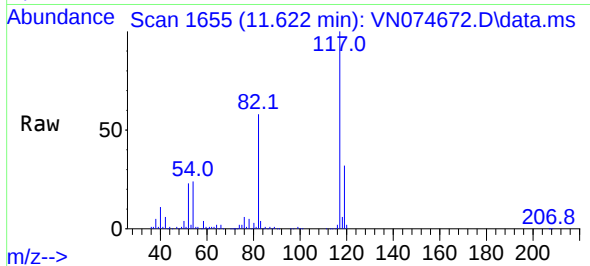
Tgt Ion: 95 Resp: 785341
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 76.1 0.0 163.4





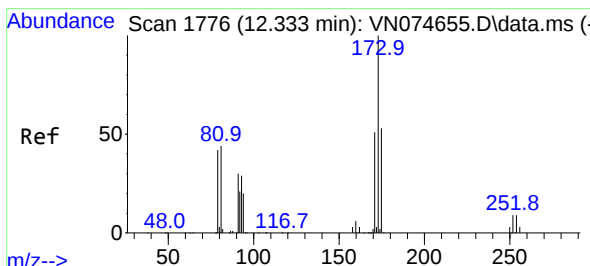
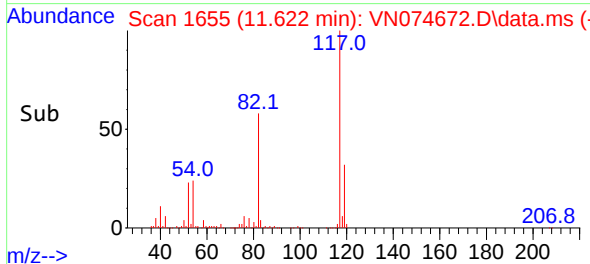
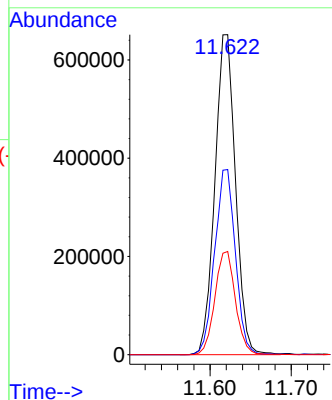
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 1152606
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 1152606

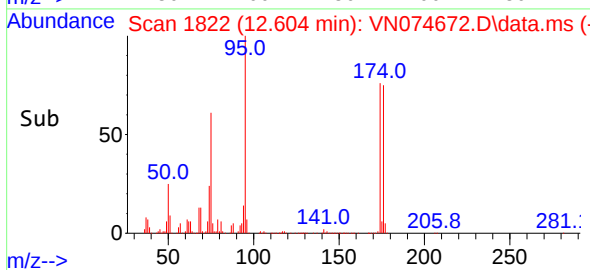
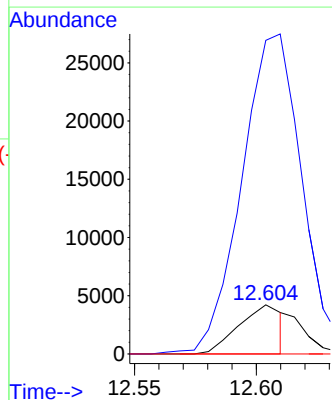
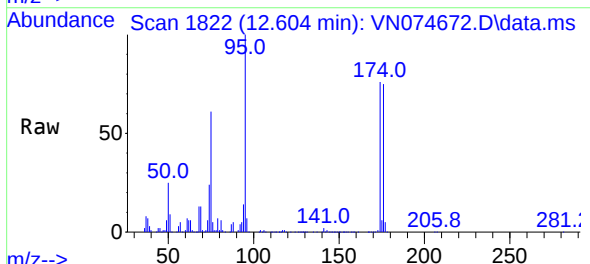
Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.2	66.2
119	32.3	25.4	38.0

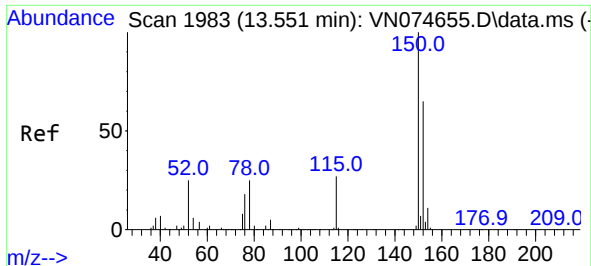


#71
Bromoform
Concen: 0.530 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.271 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion:173 Resp: 5229

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.6#
254	0.0	0.1	0.1#

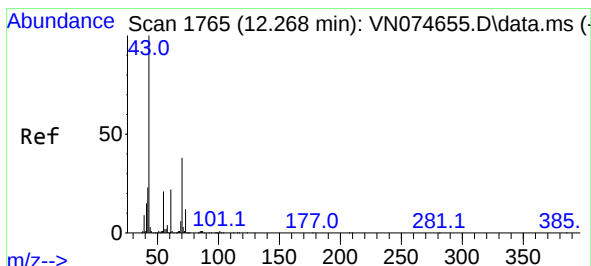
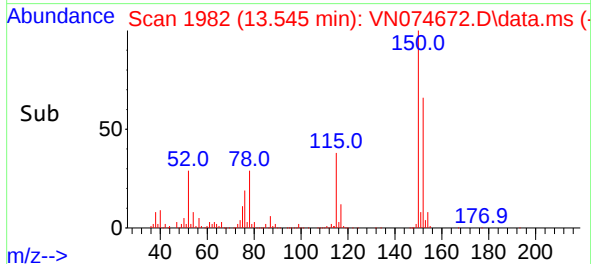
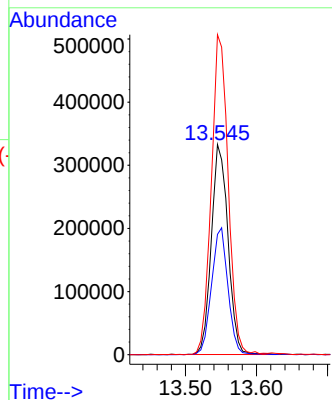
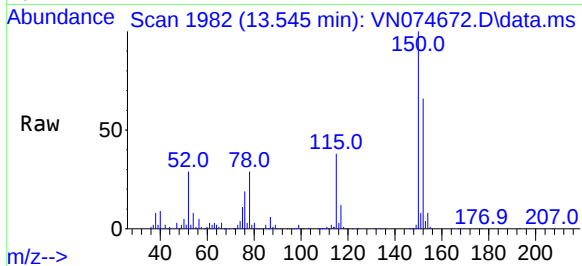




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

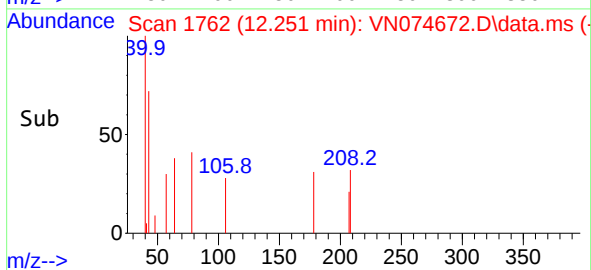
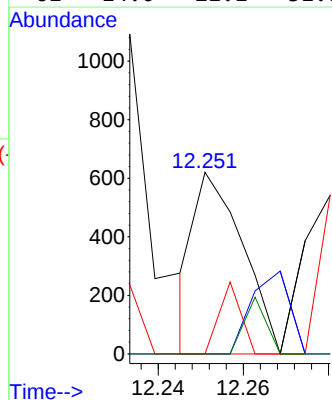
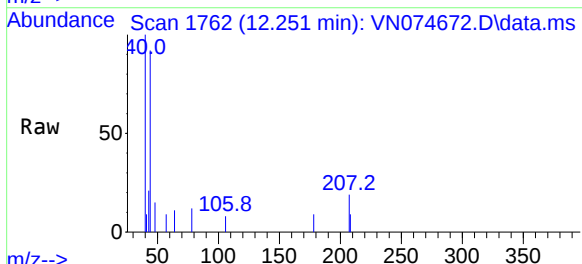
Instrument :
MSVOA_N
ClientSampleId :

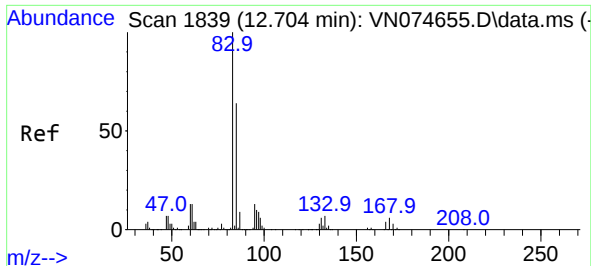
Tgt Ion:152 Resp: 542100
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 154.2 0.0 356.2



#74
N-ethyl acetate
Concen: Below Cal
RT: 12.251 min Scan# 1762
Delta R.T. -0.017 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
70 36.3 39.0 58.4#
55 17.9 21.1 31.7#
61 14.0 21.1 31.7#

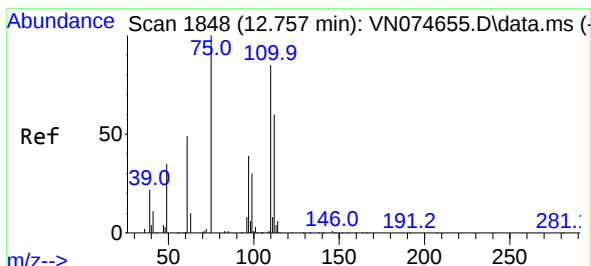
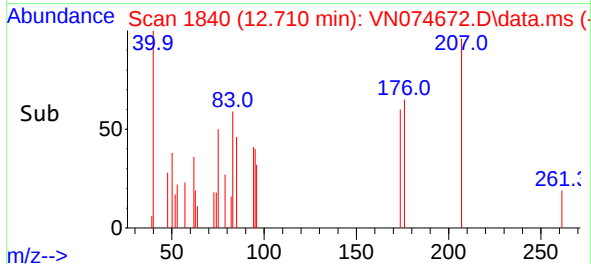
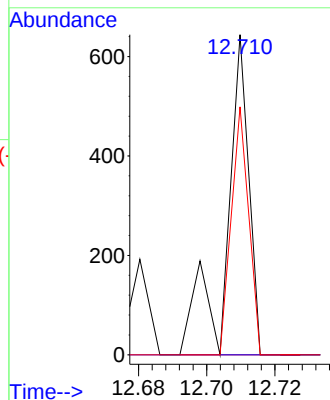
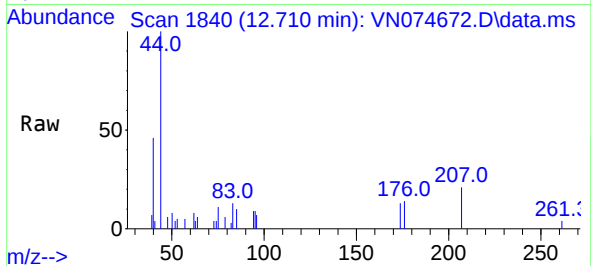




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.710 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

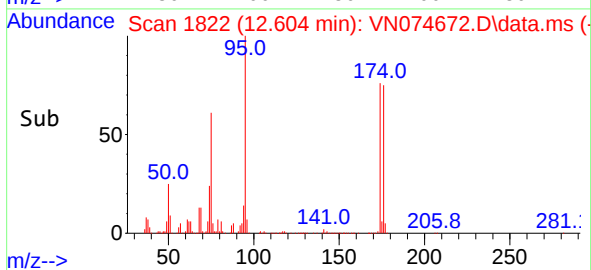
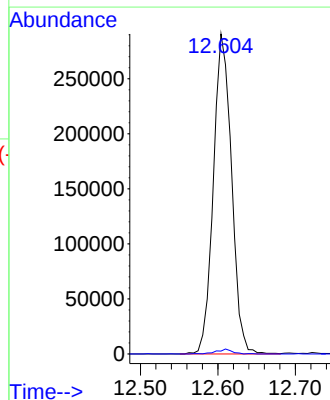
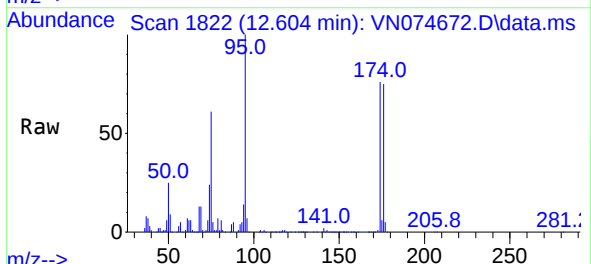
Instrument :
MSVOA_N
ClientSampleId :

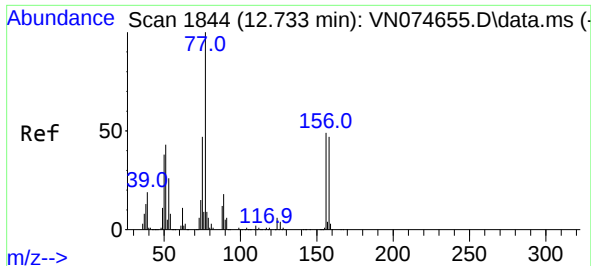
Tgt Ion: 83 Resp: 294
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 59.9 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 38.568 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.153 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 75 Resp: 474039
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

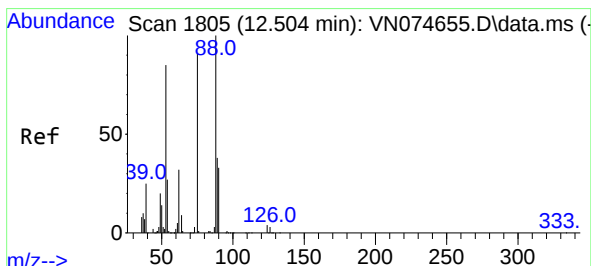
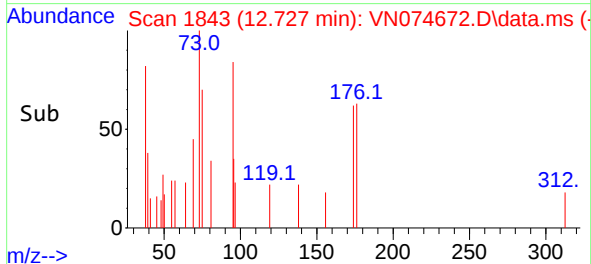
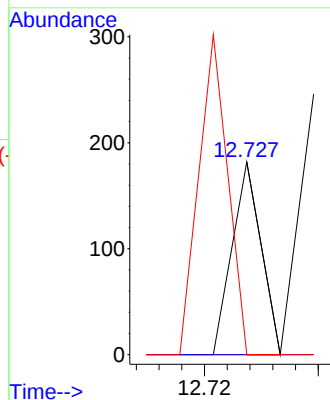
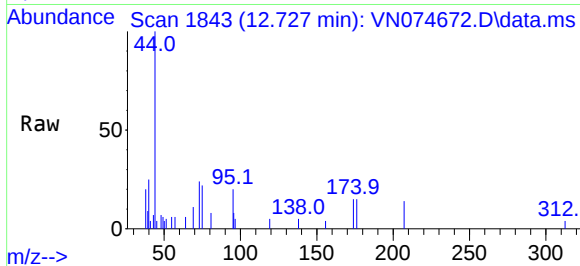




#77
Bromobenzene
Concen: Below Cal
RT: 12.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 64
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 167.2 48.9 146.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.075 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.100 min
Lab File: VN074672.D
Acq: 30 Sep 2022 17:17

Tgt Ion: 75 Resp: 474039
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

