

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073661.D
 Acq On : 01 Aug 2022 15:43
 Operator : JC\MD
 Sample : N3814-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:02:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

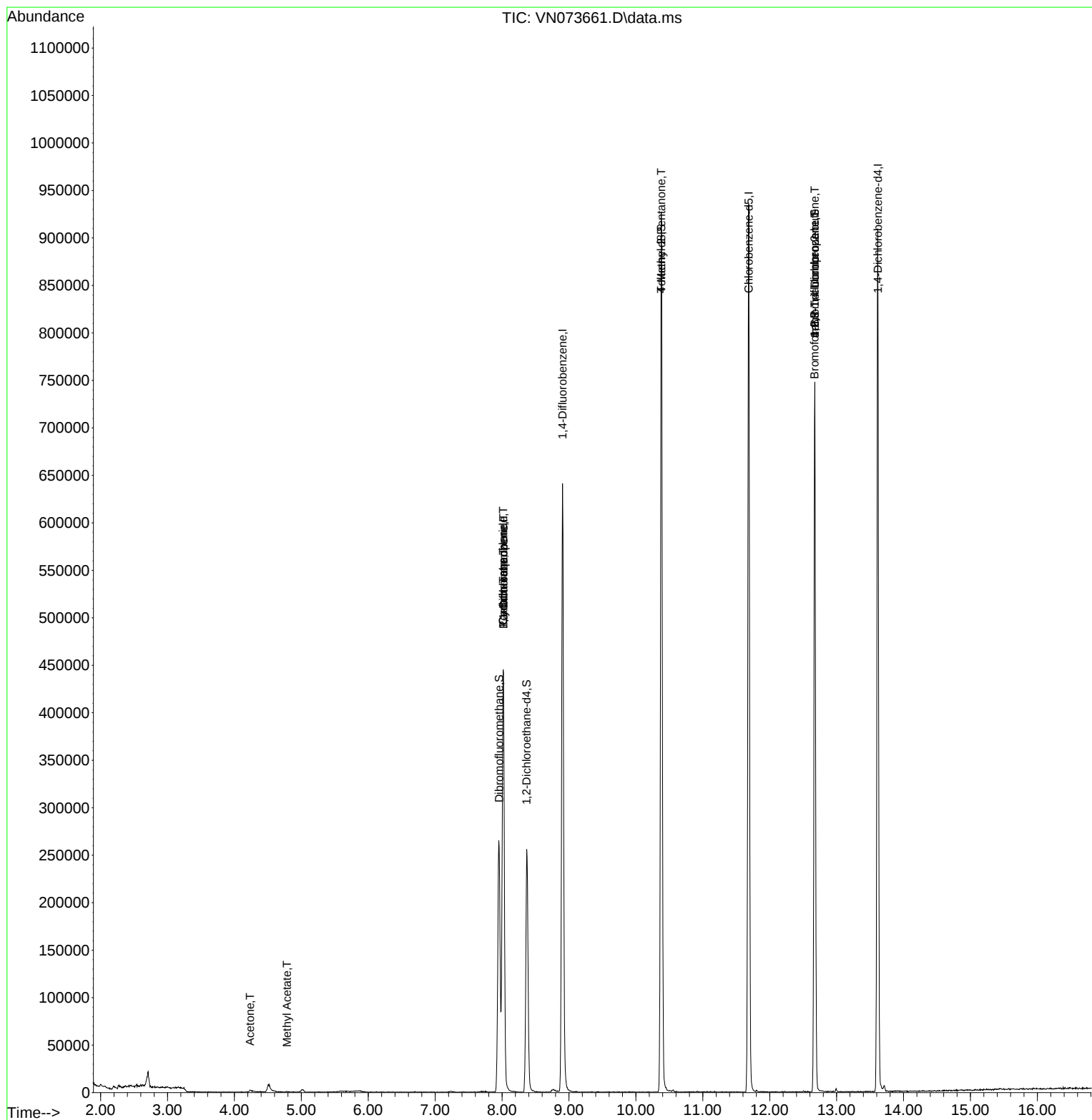
Internal Standards						
1) Pentafluorobenzene	8.022	168	361500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	583476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	215036	48.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.620%
35) Dibromofluoromethane	7.957	113	201209	54.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.380	98	657529	45.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.674	95	242464	50.281	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1480	Below Cal	#	83
6) Chloroethane	2.951	64	177	Below Cal	#	42
16) Acetone	4.234	43	3862	1.632	ug/l #	87
18) Methyl Acetate	4.787	43	1293	0.220	ug/l #	57
20) Methylene Chloride	5.010	84	2267	Below Cal	#	83
31) Cyclohexane	8.016	56	7205	1.099	ug/l #	21
36) 1,1-Dichloropropene	8.022	75	27384	5.244	ug/l #	48
38) Carbon Tetrachloride	8.016	117	34637	6.531	ug/l #	18
51) 4-Methyl-2-Pentanone	10.380	43	2499	0.375	ug/l #	1
71) Bromoform	12.669	173	1177	0.339	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	124102	24.626	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	124102	62.347	ug/l #	11

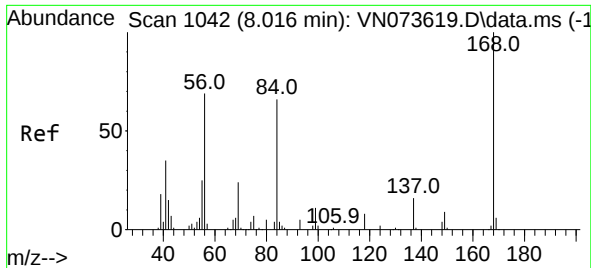
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

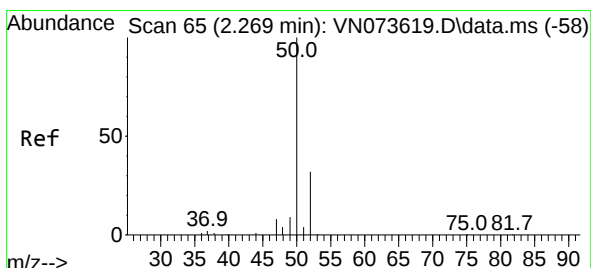
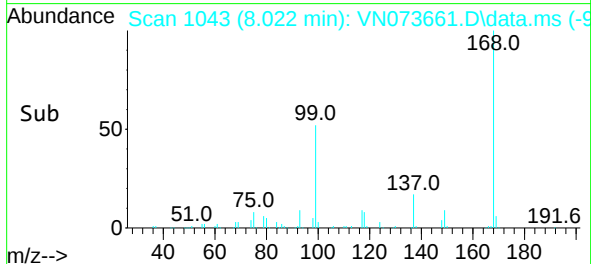
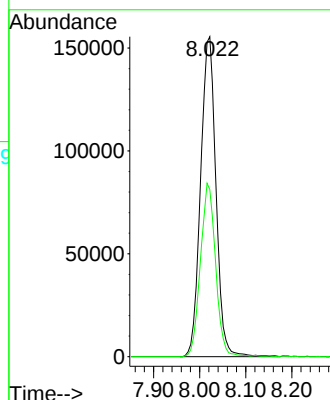
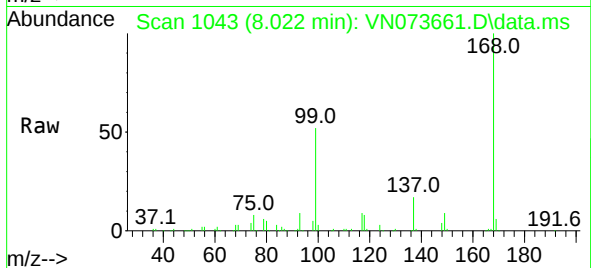




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

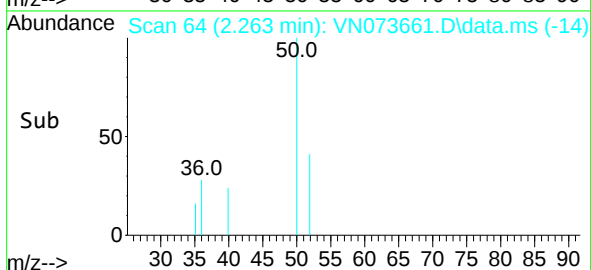
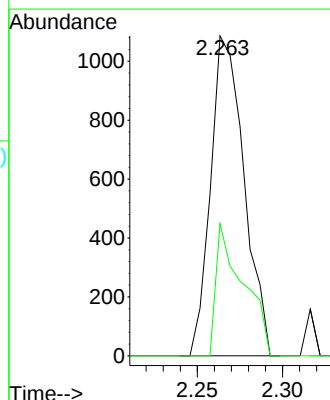
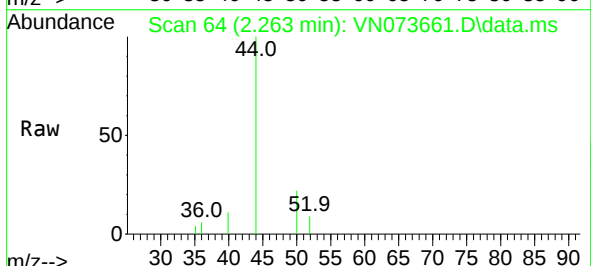
Instrument :
MSVOA_N
ClientSampleId :

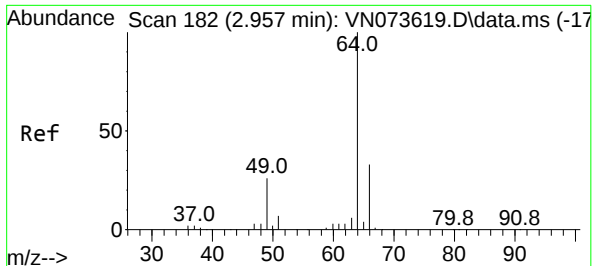
Tgt Ion:168 Resp: 361500
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 50 Resp: 1480
Ion Ratio Lower Upper
50 100
52 41.3 25.7 38.5#

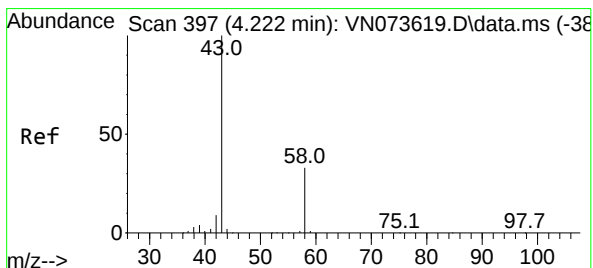
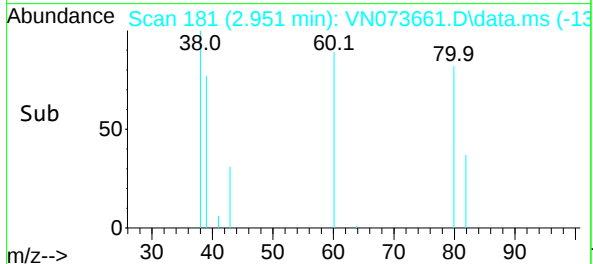
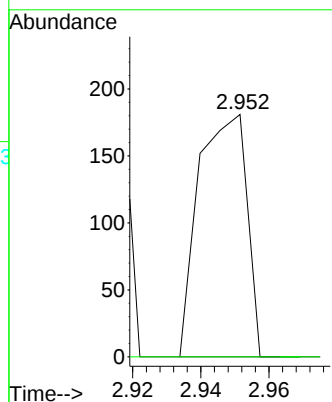
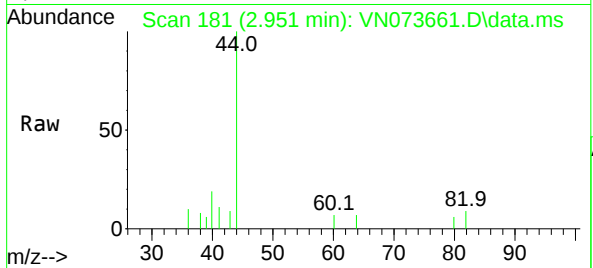




#6
Chloroethane
Concen: Below Cal
RT: 2.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

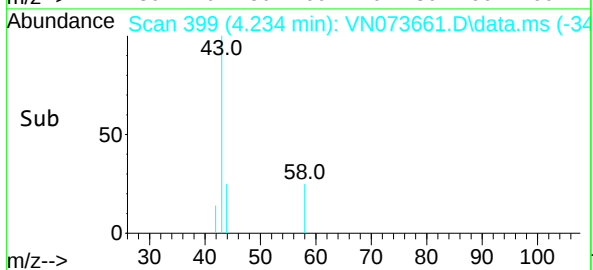
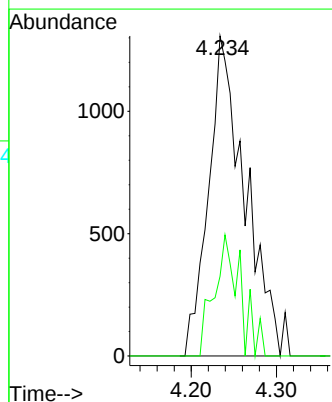
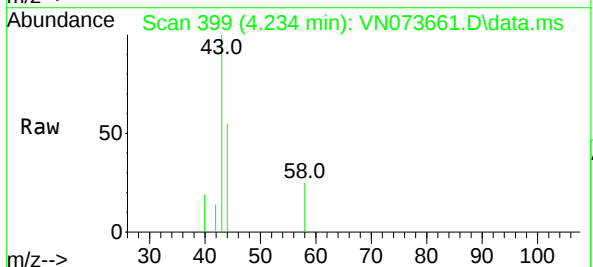
Instrument :
MSVOA_N
ClientSampleId :

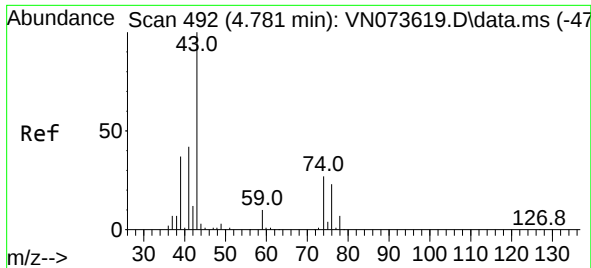
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.632 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 24.9 26.0 39.0#

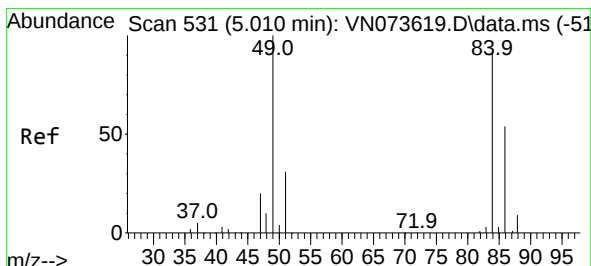
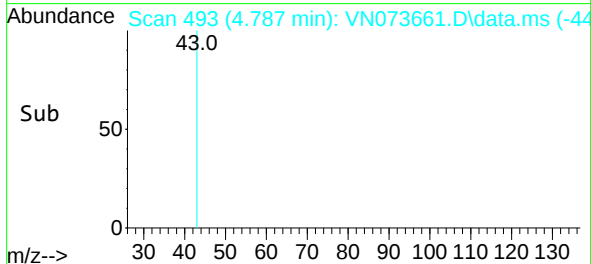
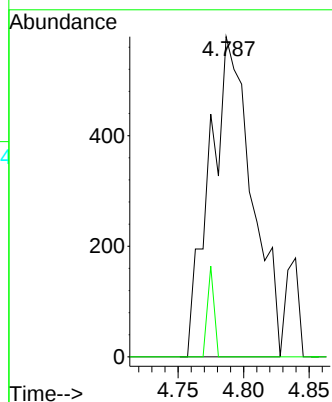
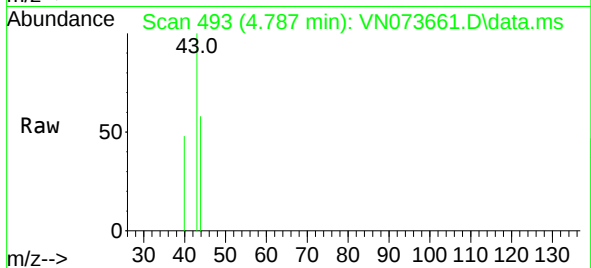




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

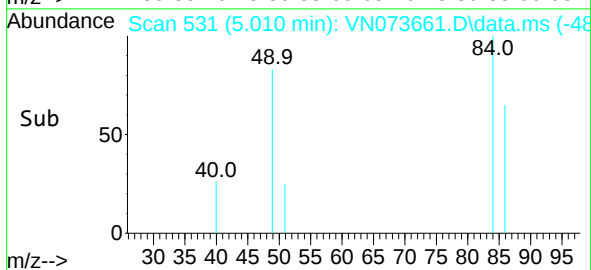
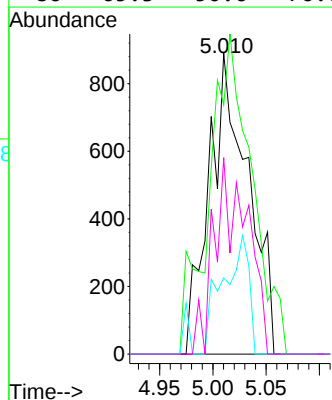
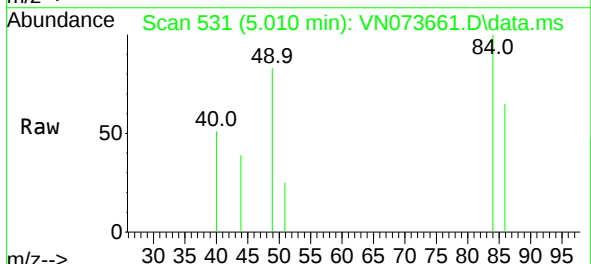
Instrument :
MSVOA_N
ClientSampleId :

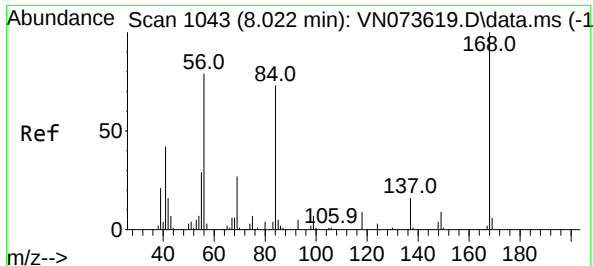
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
74 4.5 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

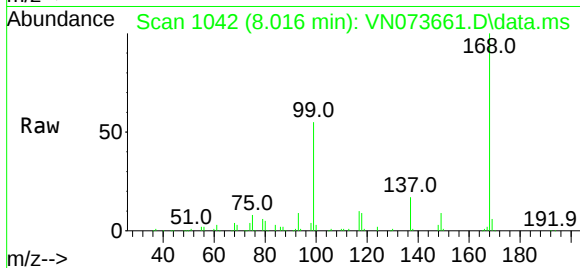
Tgt Ion: 84 Resp: 2267
Ion Ratio Lower Upper
84 100
49 82.9 88.3 132.5#
51 25.3 28.2 42.2#
86 65.3 50.6 76.0



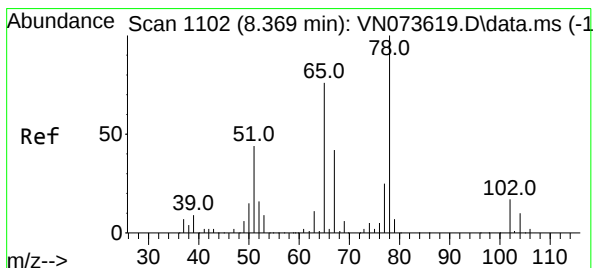
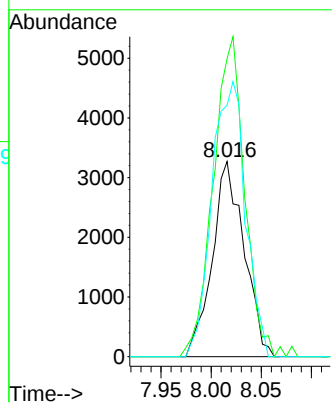
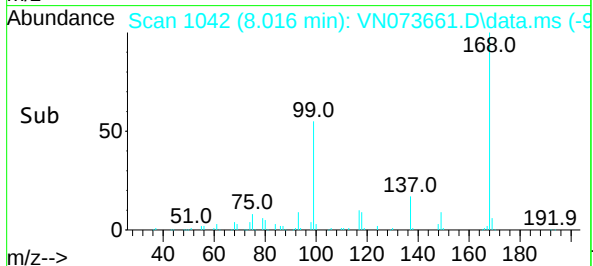


#31
Cyclohexane
Concen: 1.099 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :

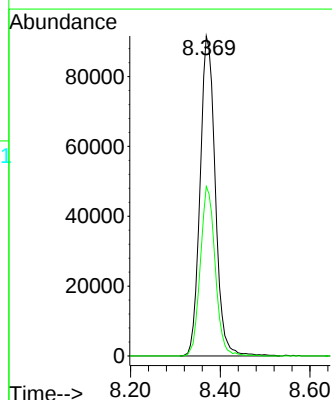
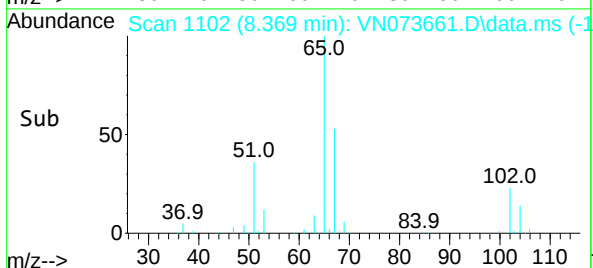
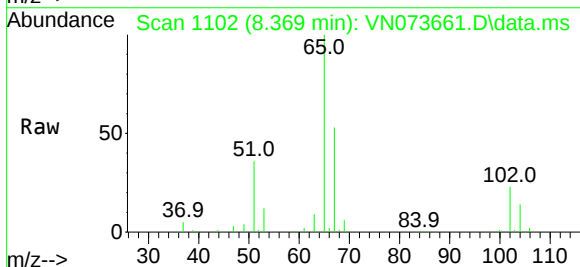


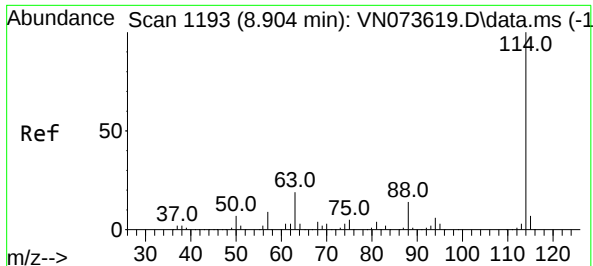
Tgt Ion: 56 Resp: 7205
Ion Ratio Lower Upper
56 100
69 152.8 27.8 41.8#
84 128.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.811 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 65 Resp: 215036
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

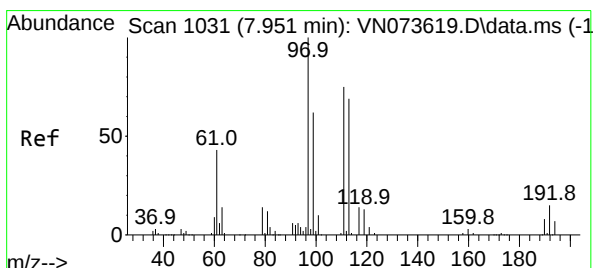
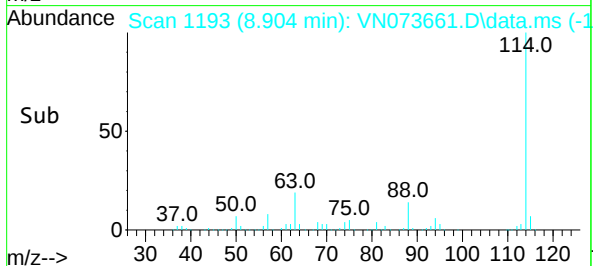
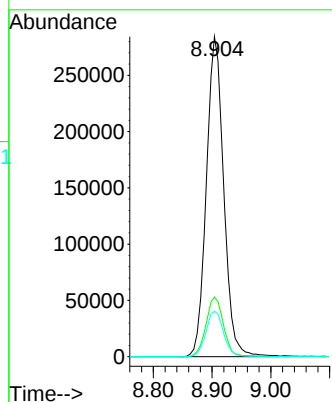
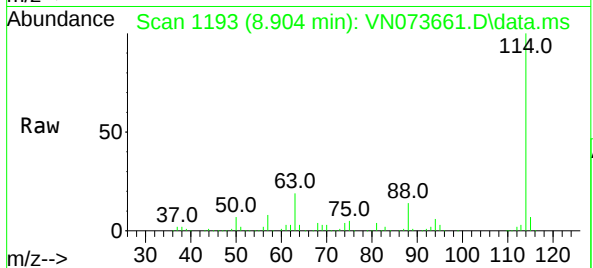
Tgt Ion:114 Resp: 583476

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.917 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

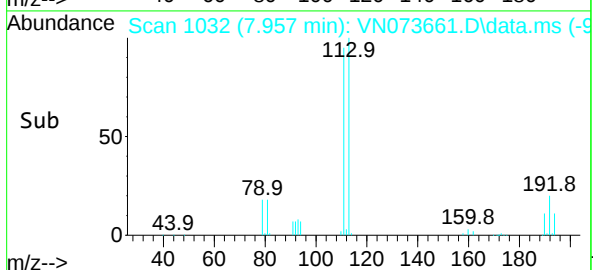
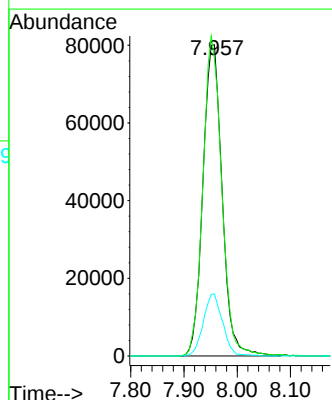
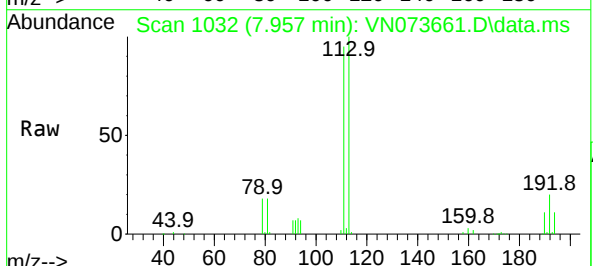
Tgt Ion:113 Resp: 201209

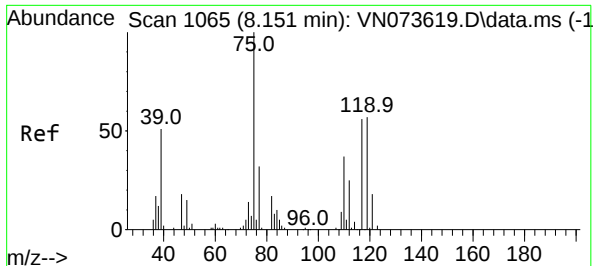
Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 19.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.244 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

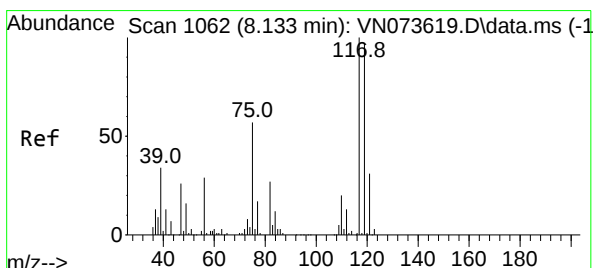
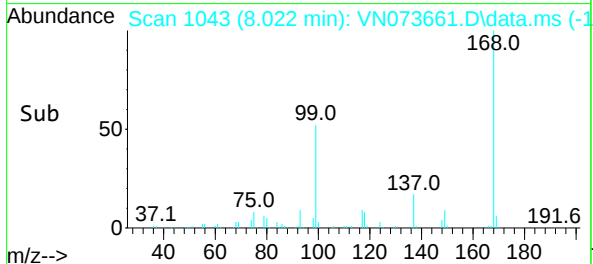
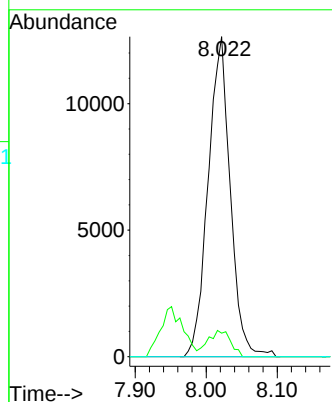
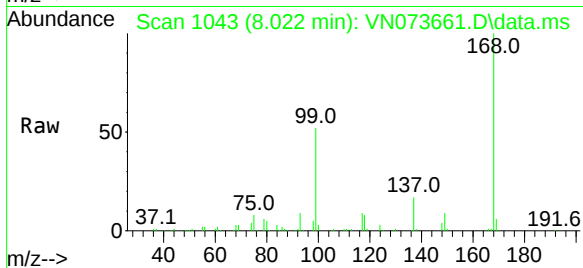
Tgt Ion: 75 Resp: 27384

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.531 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

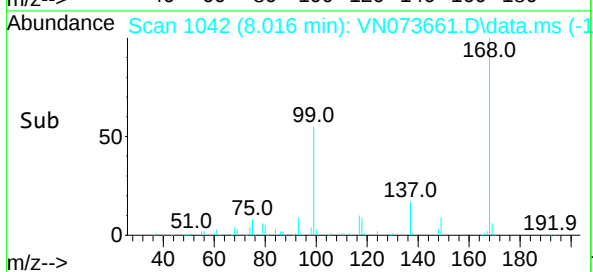
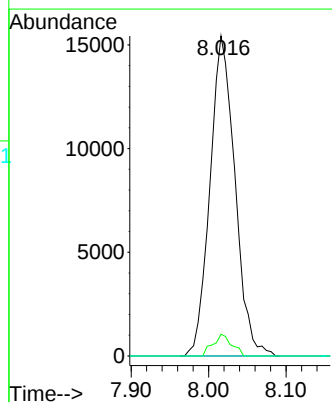
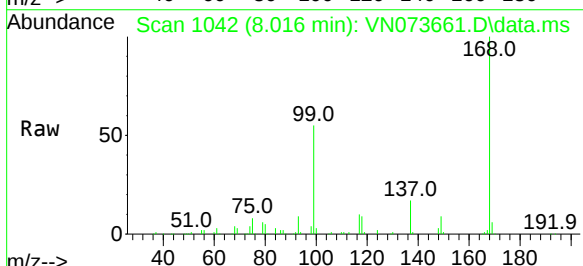
Tgt Ion: 117 Resp: 34637

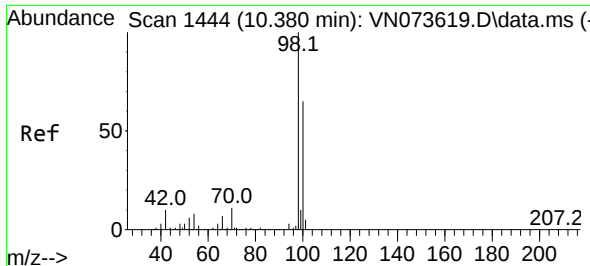
Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.8#

121 0.0 24.6 37.0#

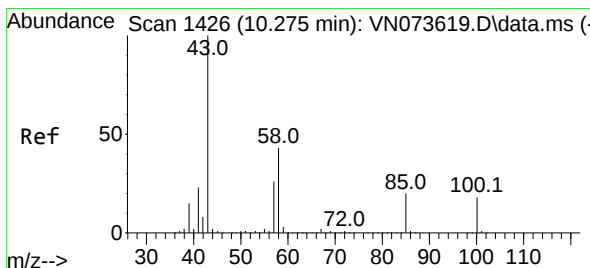
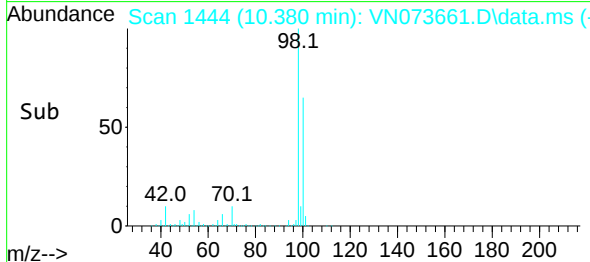
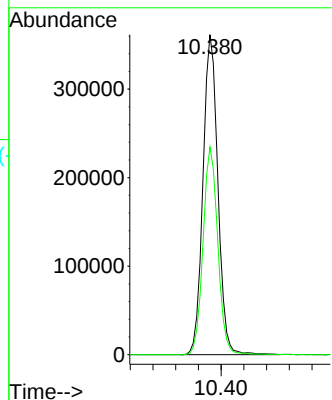
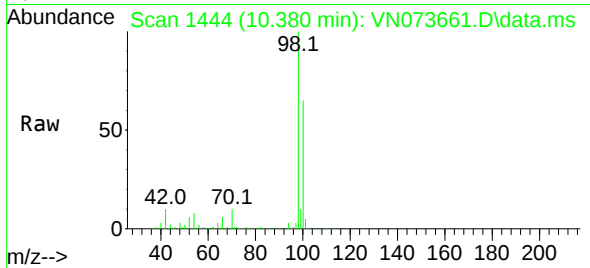




#50
Toluene-d8
Concen: 45.606 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

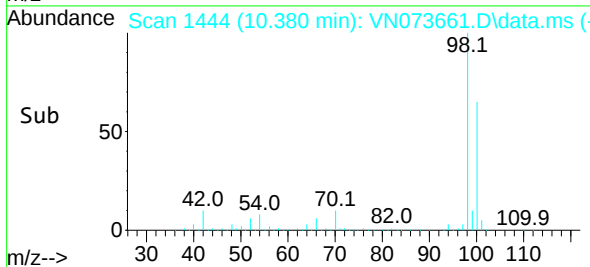
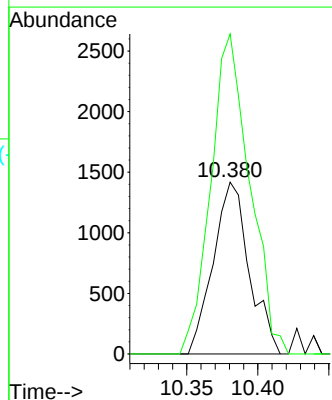
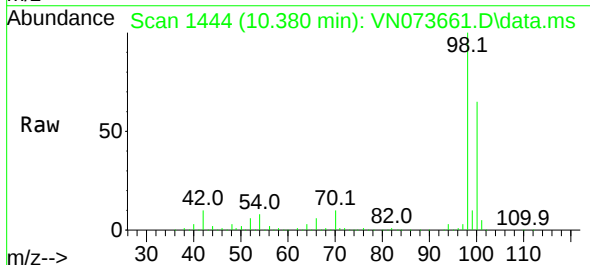
Instrument :
MSVOA_N
ClientSampleId :

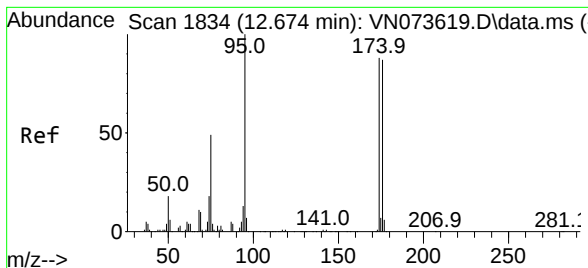
Tgt Ion: 98 Resp: 657529
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.375 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.105 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 201.6 34.1 51.1#

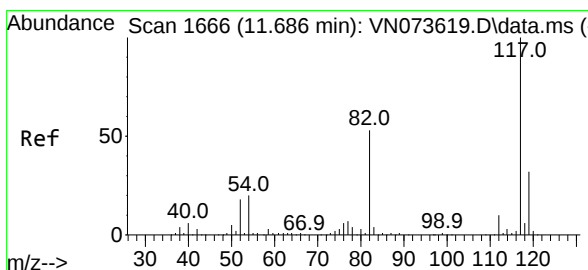
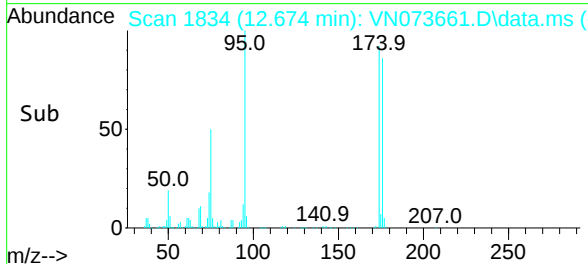
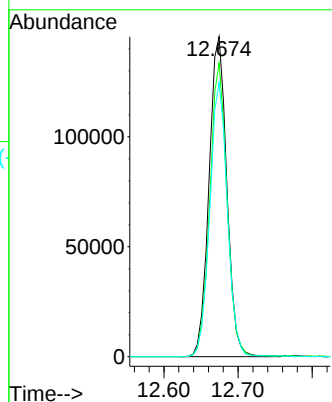
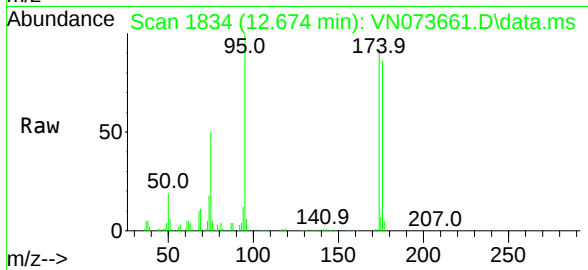




#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

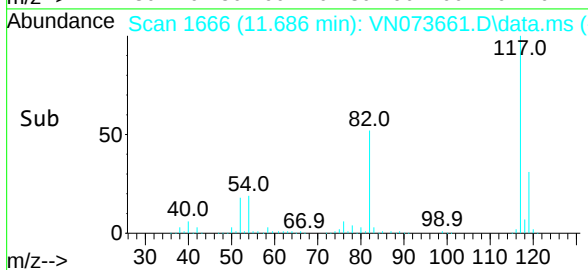
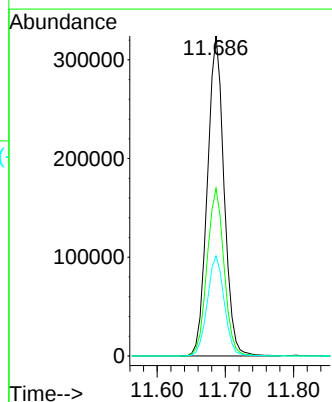
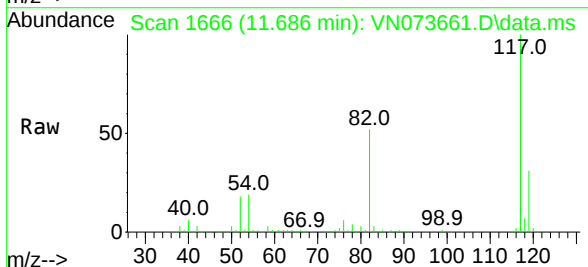
Instrument :
MSVOA_N
ClientSampleId :

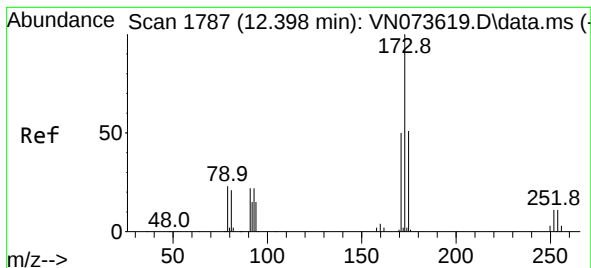
Tgt Ion: 95 Resp: 242464
Ion Ratio Lower Upper
95 100
174 89.1 0.0 167.6
176 84.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 117 Resp: 551519
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 31.3 25.4 38.0





#71

Bromoform

Concen: 0.339 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min MSVOA_N

Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

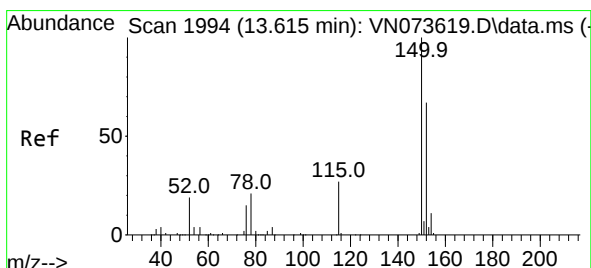
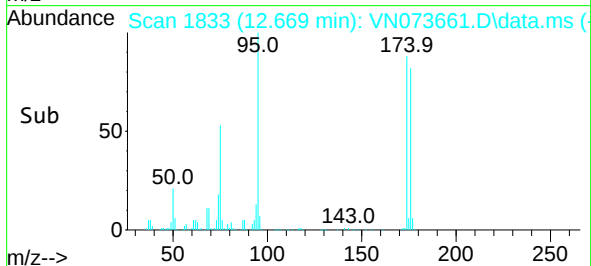
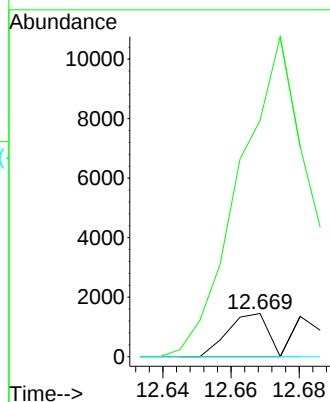
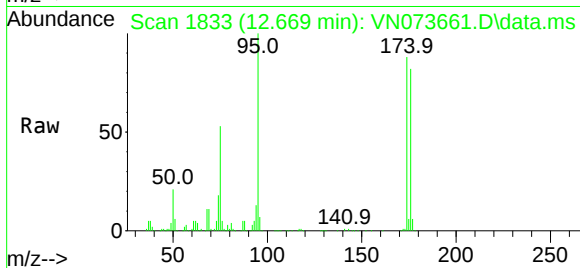
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1177

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: 13.616 min Scan# 1994

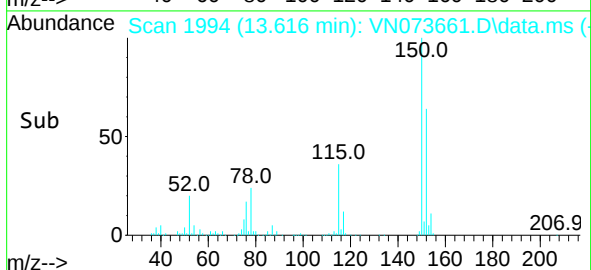
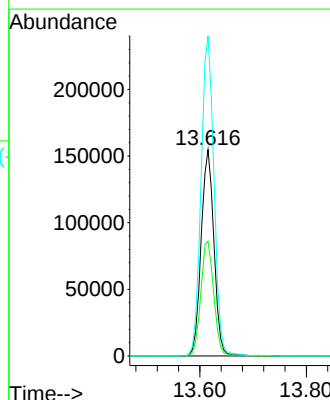
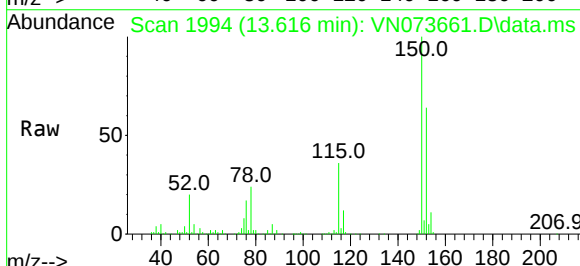
Delta R.T. 0.000 min

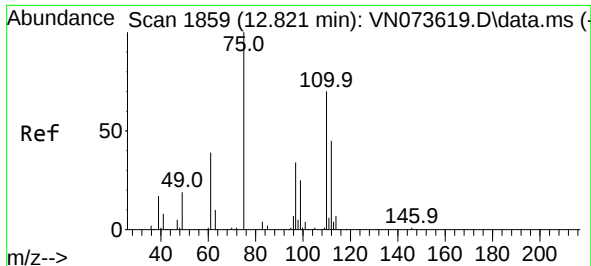
Lab File: VN073661.D

Acq: 01 Aug 2022 15:43

Tgt Ion:152 Resp: 257957

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.9	86.7
150	156.1	0.0	356.2

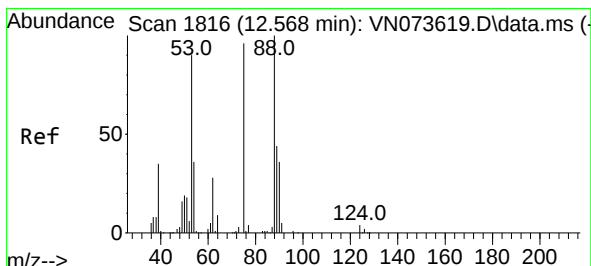
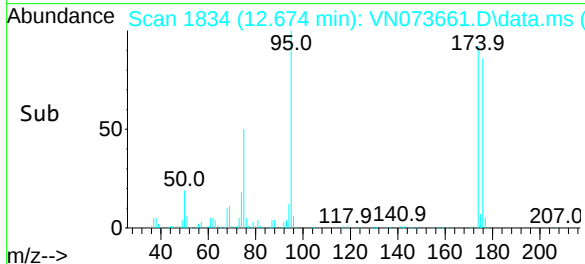
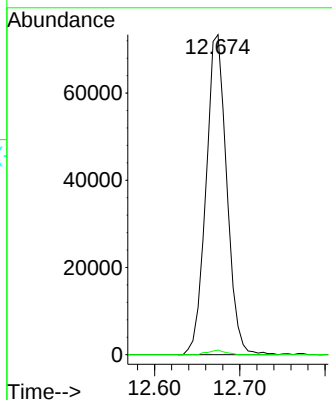
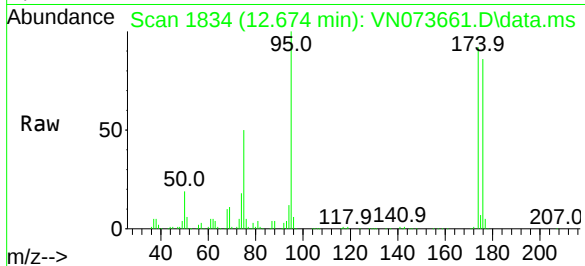




#76
1,2,3-Trichloropropane
Concen: 24.626 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 124102
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.347 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073661.D
Acq: 01 Aug 2022 15:43

Tgt Ion: 75 Resp: 124102
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

