

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073663.D
 Acq On : 01 Aug 2022 16:32
 Operator : JC\MD
 Sample : N3840-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:02:52 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	8.016	168	348587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	563689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	532286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	258748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	208470	49.074	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	7.951	113	194161	54.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.700%
50) Toluene-d8	10.380	98	638037	45.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.674	95	233664	50.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.360%

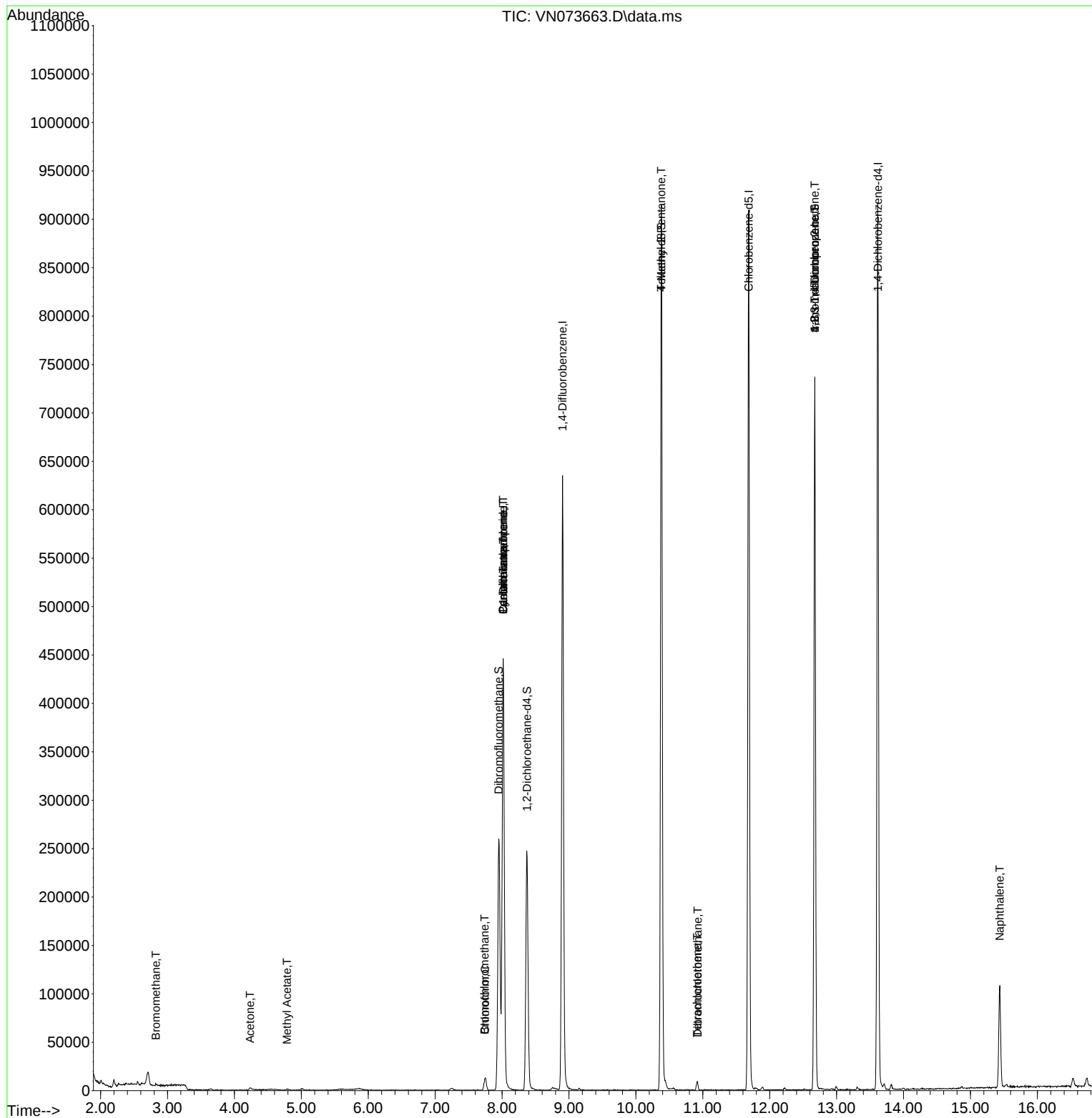
Target Compounds			Qvalue			
3) Chloromethane	2.269	50	1453	Below Cal	#	73
5) Bromomethane	2.828	94	913	0.266	ug/l	# 52
6) Chloroethane	2.957	64	193	Below Cal	#	42
16) Acetone	4.234	43	4599	2.016	ug/l	92
18) Methyl Acetate	4.787	43	1474	0.260	ug/l	# 87
20) Methylene Chloride	5.010	84	1341	Below Cal	#	88
28) Bromochloromethane	7.739	49	905	0.307	ug/l	# 8
30) Chloroform	7.745	83	13447	1.839	ug/l	99
31) Cyclohexane	8.016	56	7093	1.122	ug/l	# 1
36) 1,1-Dichloropropene	8.016	75	25016	4.959	ug/l	# 49
38) Carbon Tetrachloride	8.016	117	33281	6.495	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.380	43	2559	0.398	ug/l	# 1
60) Dibromochloromethane	10.921	129	2091	0.504	ug/l	# 11
64) Tetrachloroethene	10.916	164	2312	0.547	ug/l	93
76) 1,2,3-Trichloropropane	12.674	75	121197	23.885	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	121197	60.701	ug/l	# 10
95) Naphthalene	15.439	128	102608	6.979	ug/l	99

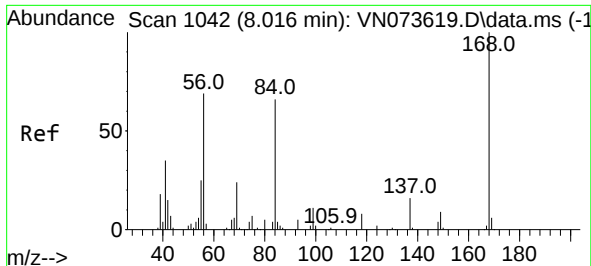
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

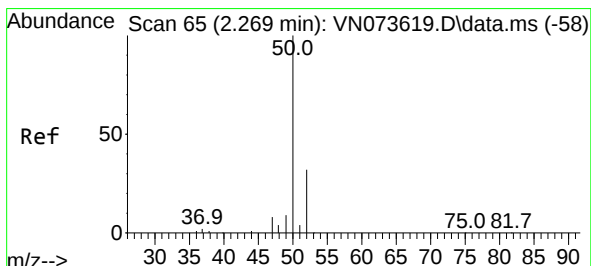
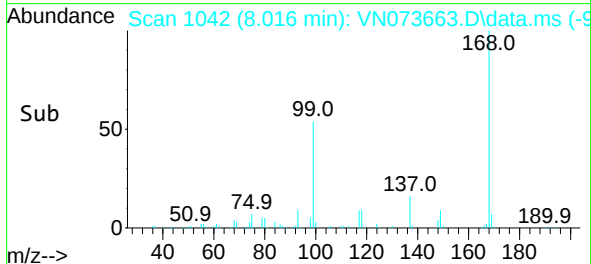
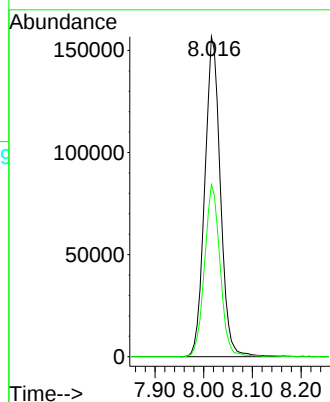
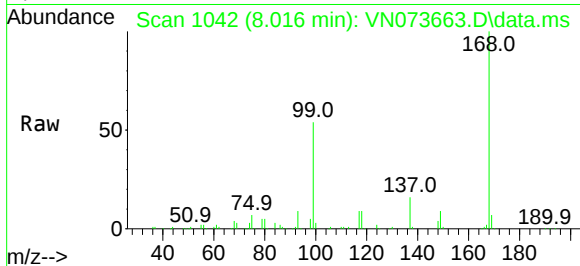




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

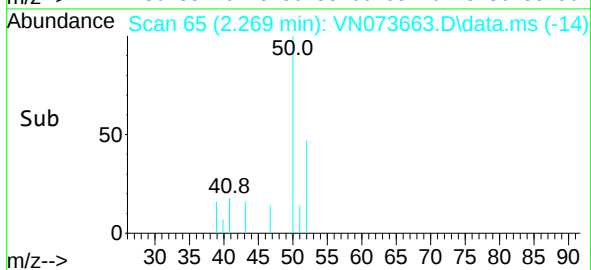
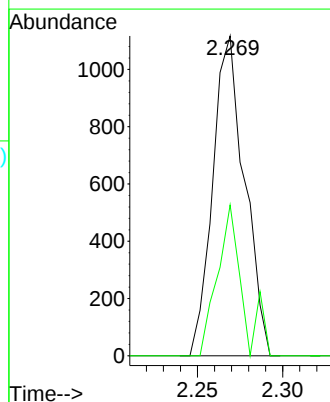
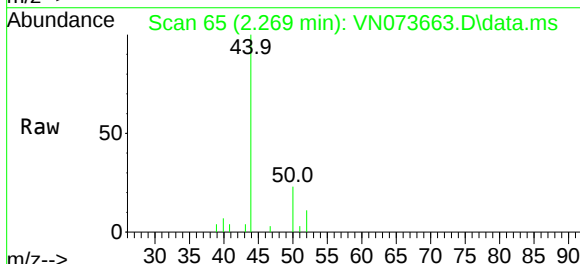
Instrument :
MSVOA_N
ClientSampleId :

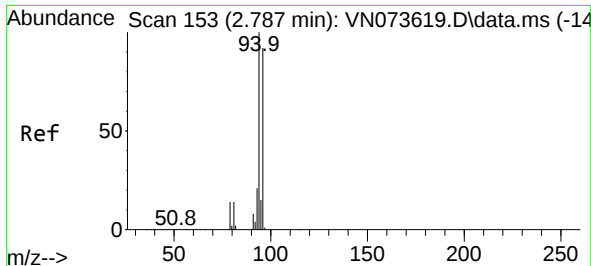
Tgt Ion:168 Resp: 348587
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Tgt Ion: 50 Resp: 1453
Ion Ratio Lower Upper
50 100
52 47.2 25.7 38.5#

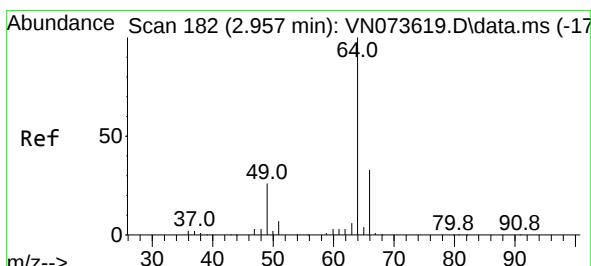
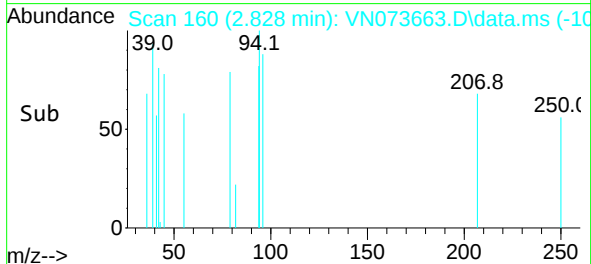
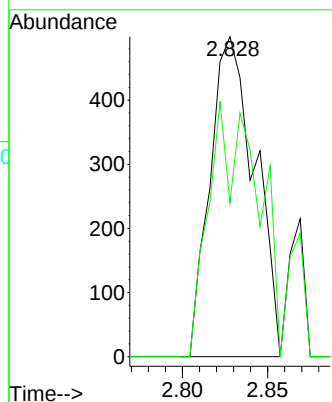
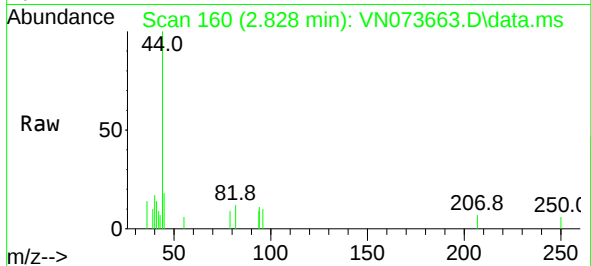




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

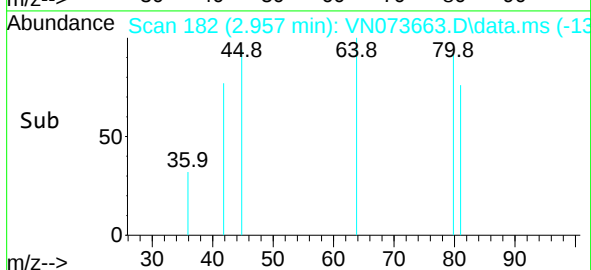
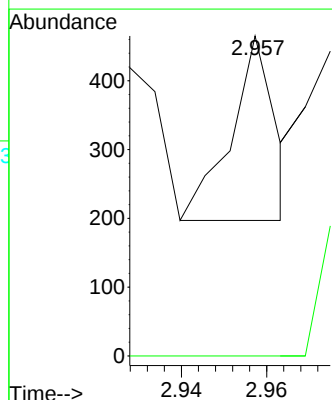
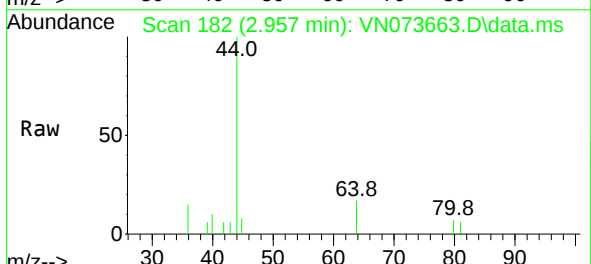
Instrument :
MSVOA_N
ClientSampleId :

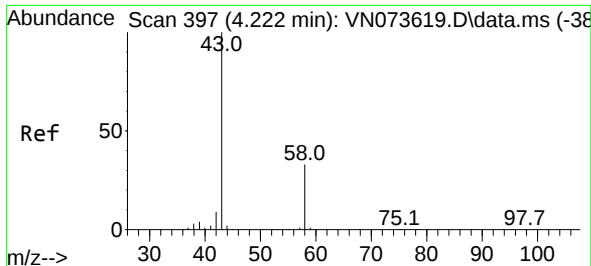
Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 48.1 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

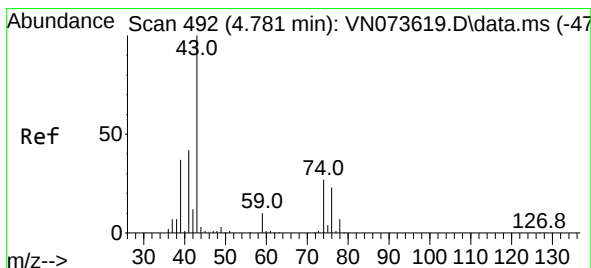
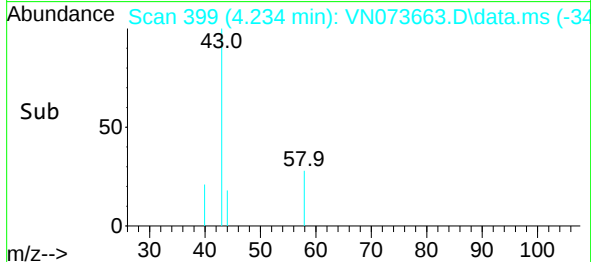
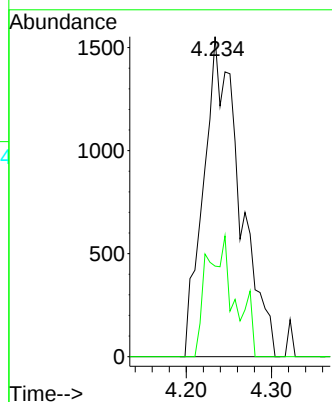
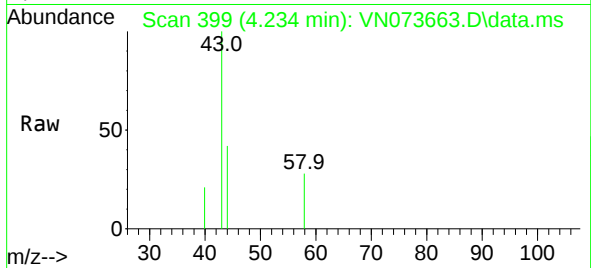




#16
Acetone
Concen: 2.016 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

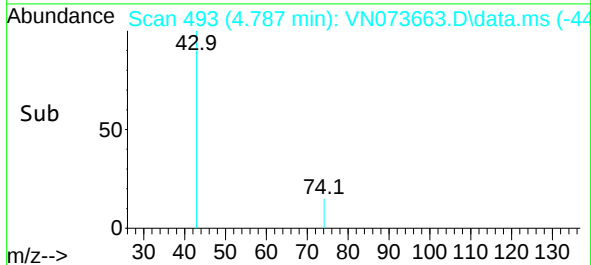
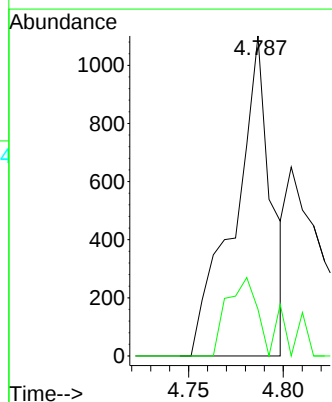
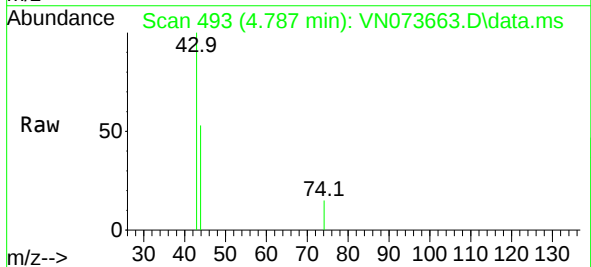
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4599
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0



#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

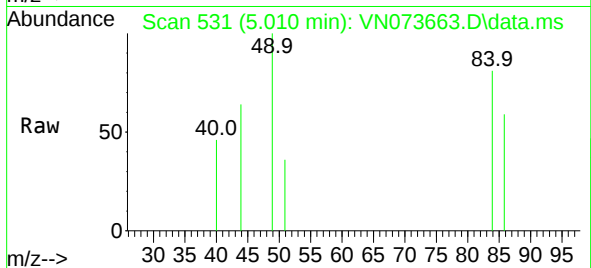
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
74 20.0 21.6 32.4#



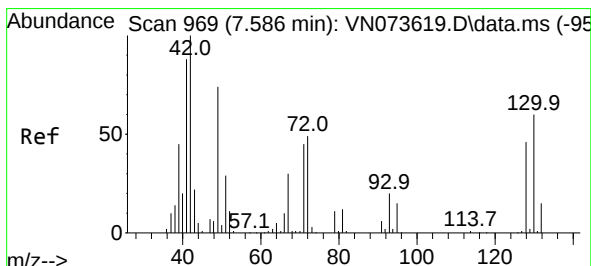
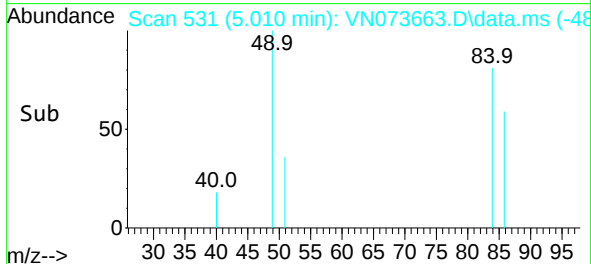
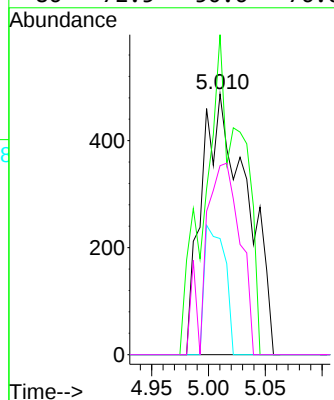


#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :

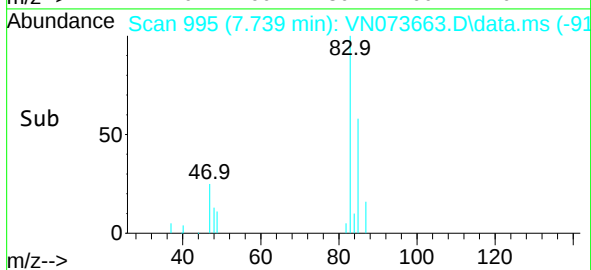
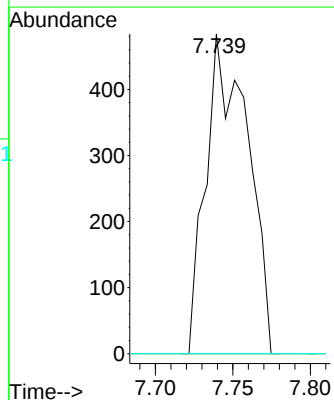
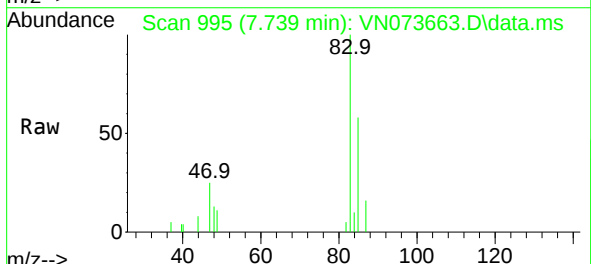


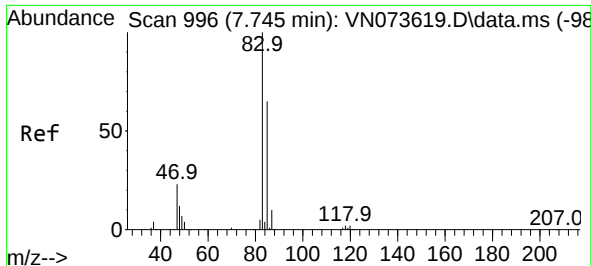
Tgt Ion:	84	Resp:	1341
Ion	Ratio	Lower	Upper
84	100		
49	122.8	88.3	132.5
51	44.6	28.2	42.2#
86	72.5	50.6	76.0



#28
Bromochloromethane
Concen: 0.307 ug/l
RT: 7.739 min Scan# 995
Delta R.T. 0.153 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

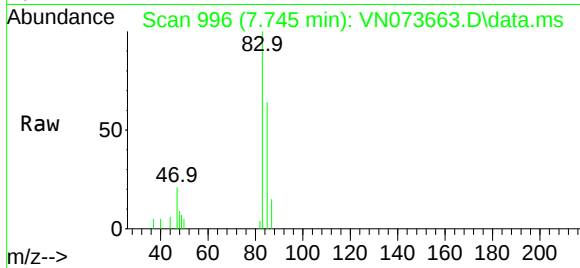
Tgt Ion:	49	Resp:	905
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#



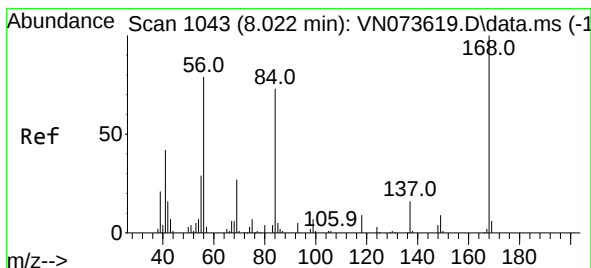
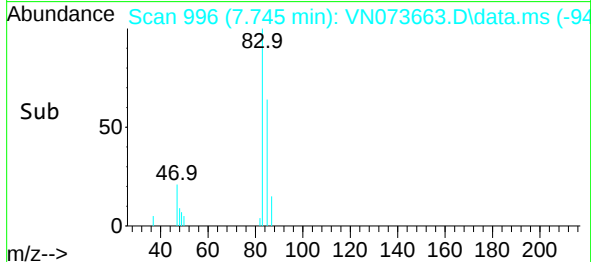
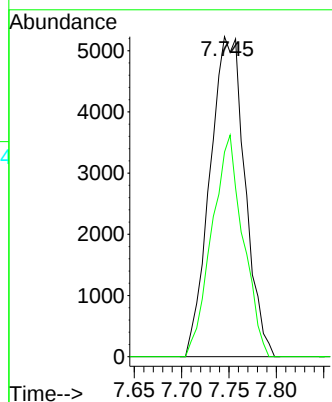


#30
Chloroform
Concen: 1.839 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :

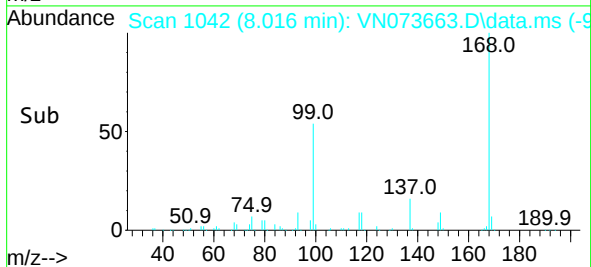
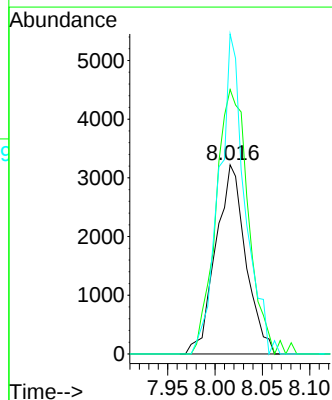
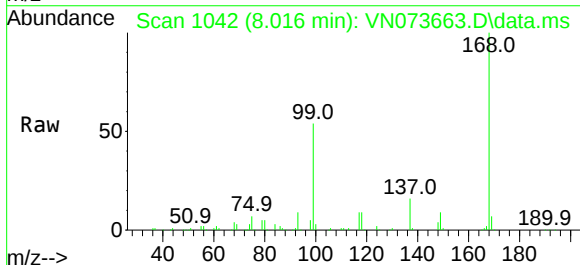


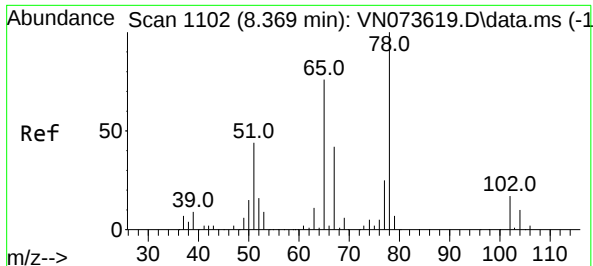
Tgt Ion: 83 Resp: 13447
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Tgt Ion: 56 Resp: 7093
Ion Ratio Lower Upper
56 100
69 139.9 27.8 41.8#
84 169.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.074 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073663.D

Acq: 01 Aug 2022 16:32

Instrument :

MSVOA_N

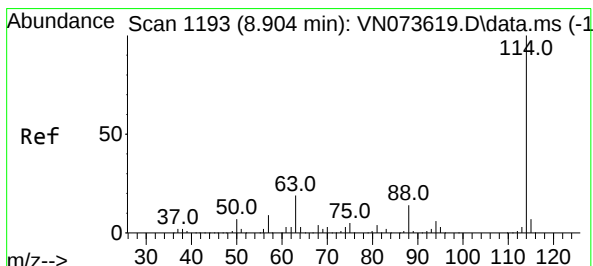
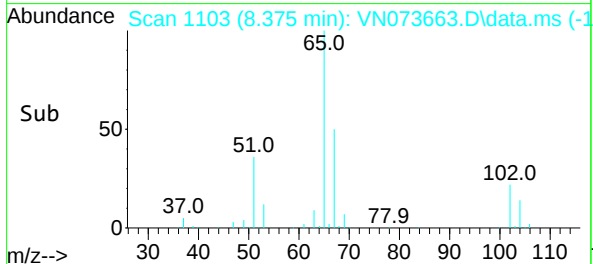
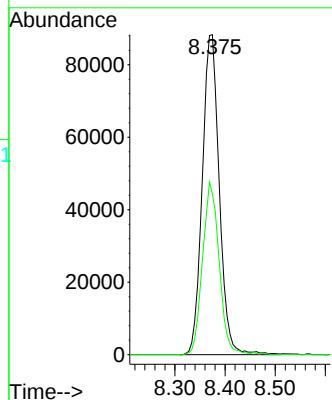
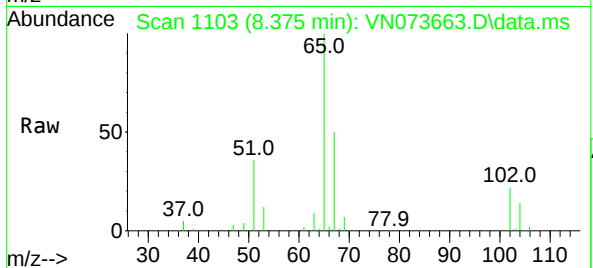
ClientSampleId :

Tgt Ion: 65 Resp: 208470

Ion Ratio Lower Upper

65 100

67 52.3 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: VN073663.D

Acq: 01 Aug 2022 16:32

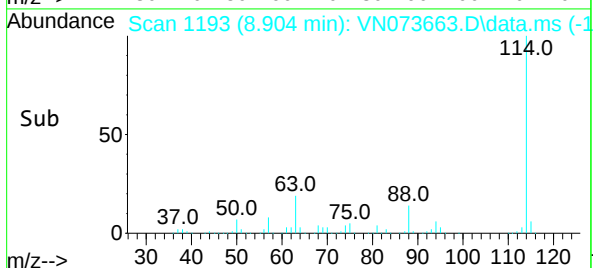
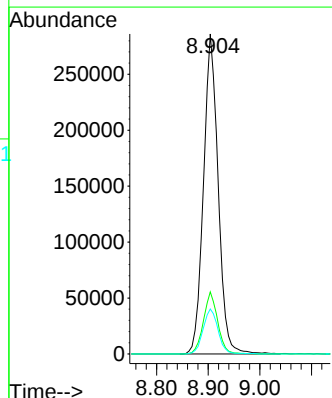
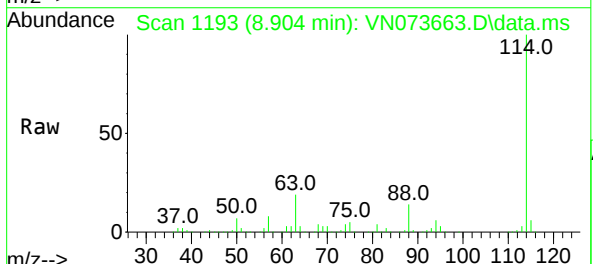
Tgt Ion: 114 Resp: 563689

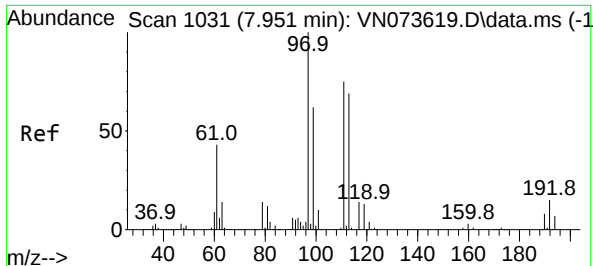
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.854 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

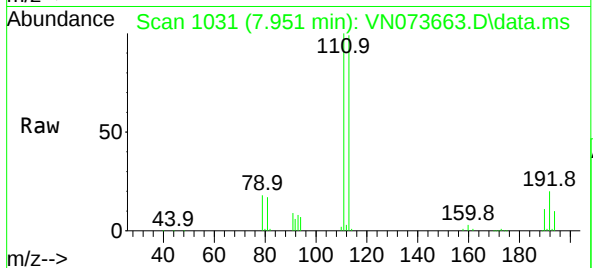
Lab File: VN073663.D

Acq: 01 Aug 2022 16:32

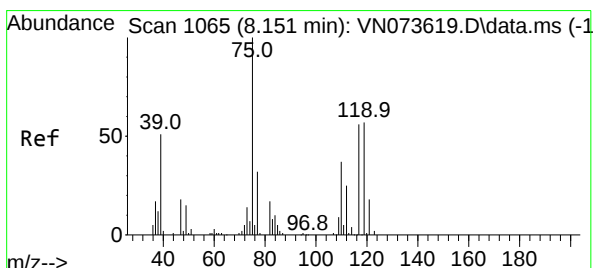
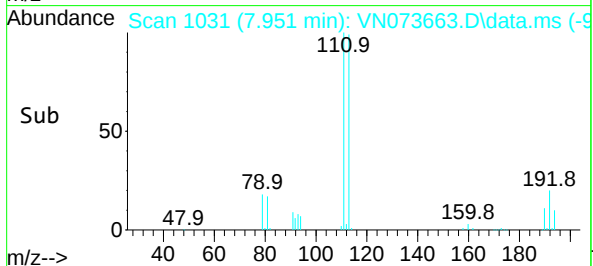
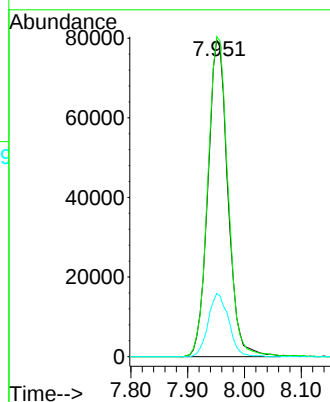
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	194161
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	20.5	17.0	25.6



#36

1,1-Dichloropropene

Concen: 4.959 ug/l

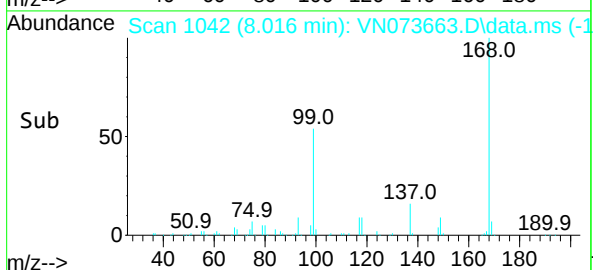
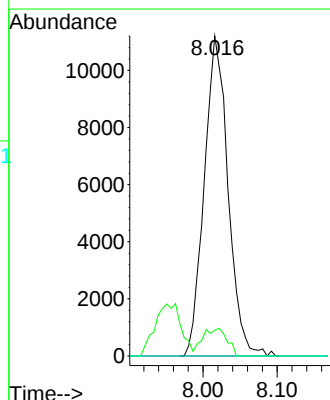
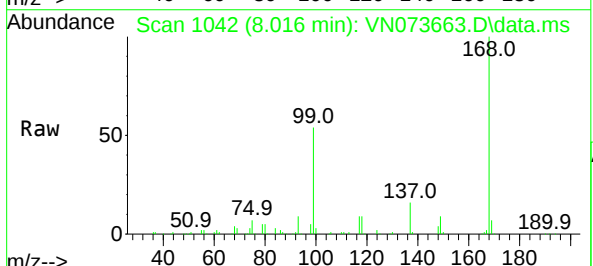
RT: 8.016 min Scan# 1042

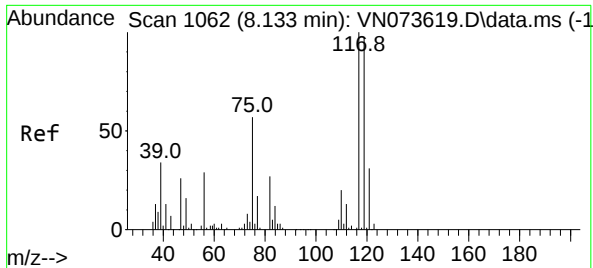
Delta R.T. -0.135 min

Lab File: VN073663.D

Acq: 01 Aug 2022 16:32

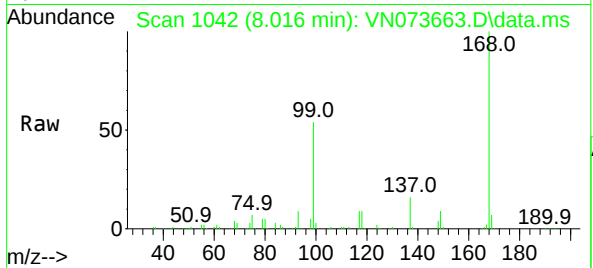
Tgt Ion:	75	Resp:	25016
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.8#
77	0.0	25.1	37.7#



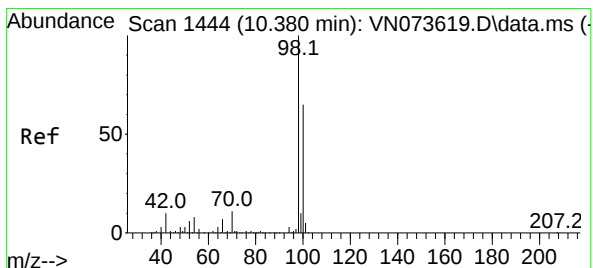
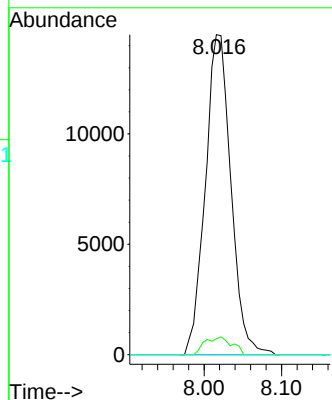
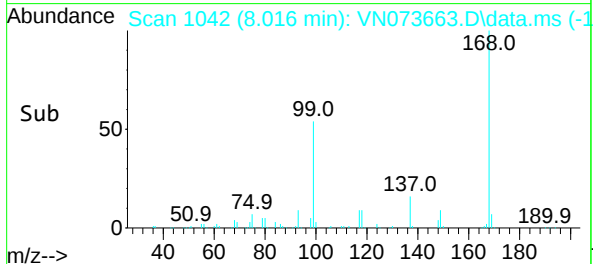


#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :

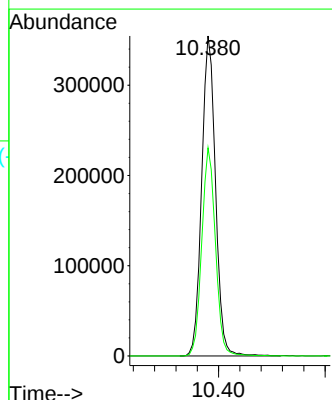
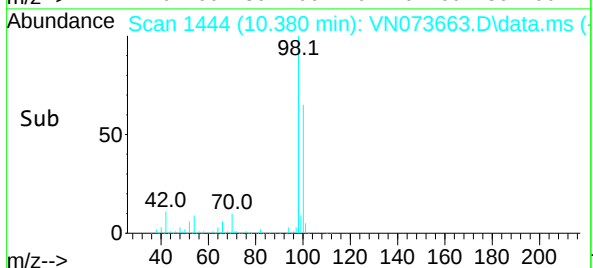
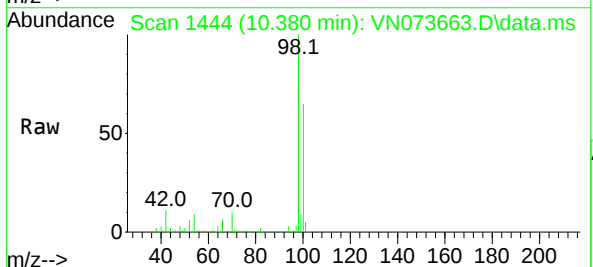


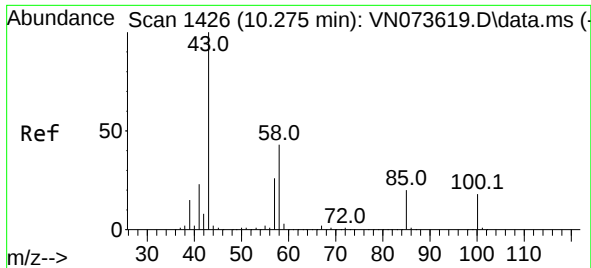
Tgt Ion:117 Resp: 33281
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.807 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

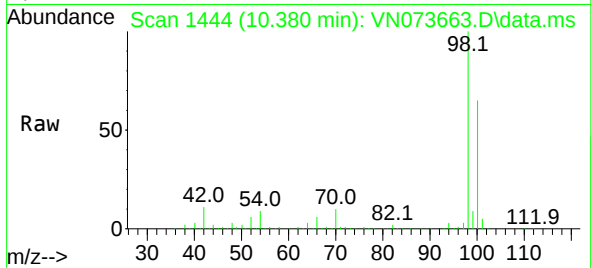
Tgt Ion: 98 Resp: 638037
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



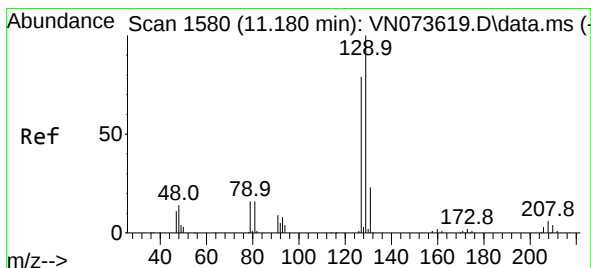
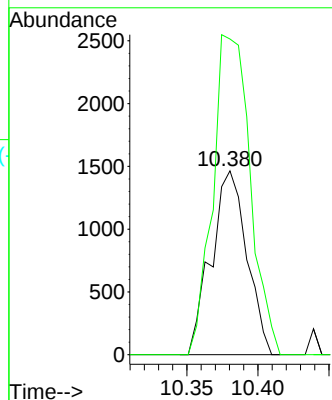
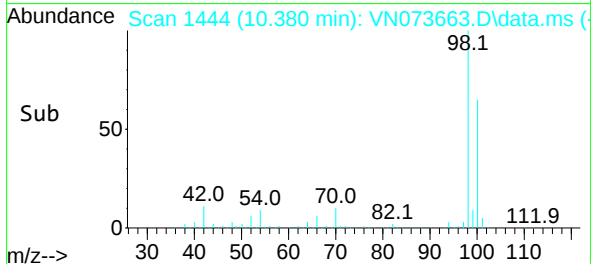


#51
4-Methyl-2-Pentanone
Concen: 0.398 ug/l
RT: 10.380 min Scan# 1426
Delta R.T. 0.105 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :

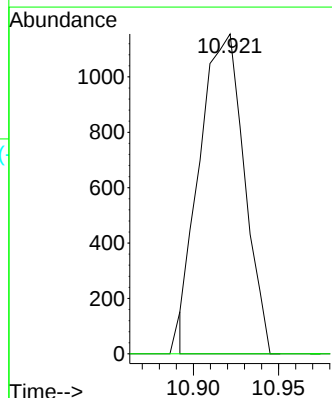
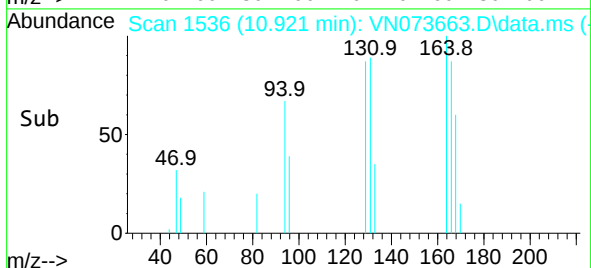
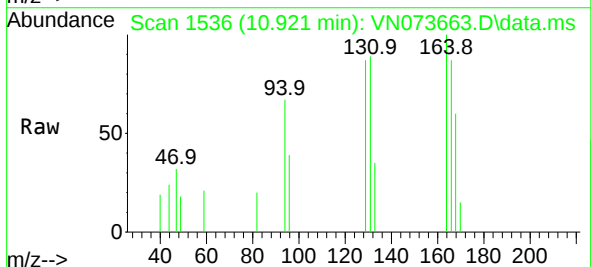


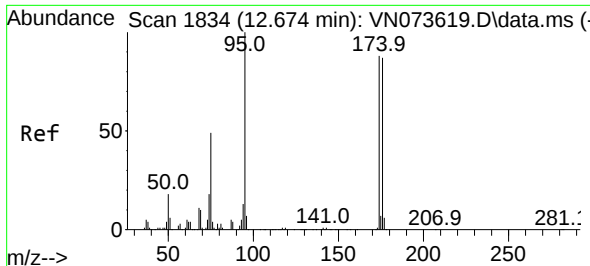
Tgt Ion: 43 Resp: 2559
Ion Ratio Lower Upper
43 100
58 182.6 34.1 51.1#



#60
Dibromochloromethane
Concen: 0.504 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. -0.259 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Tgt Ion: 129 Resp: 2091
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

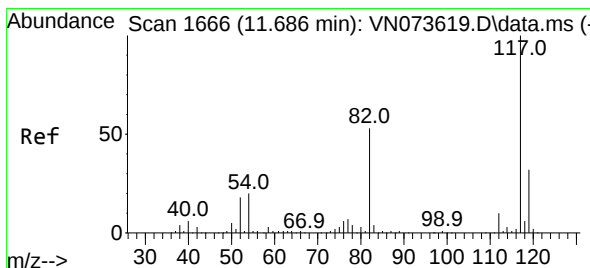
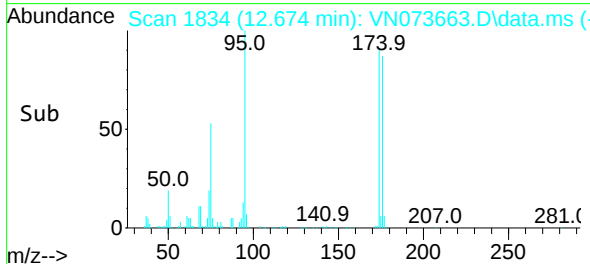
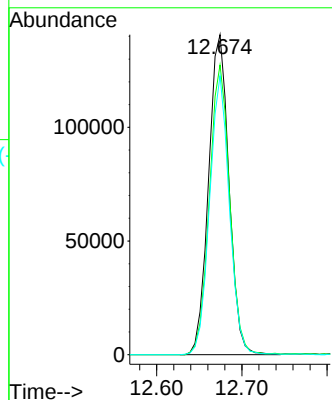
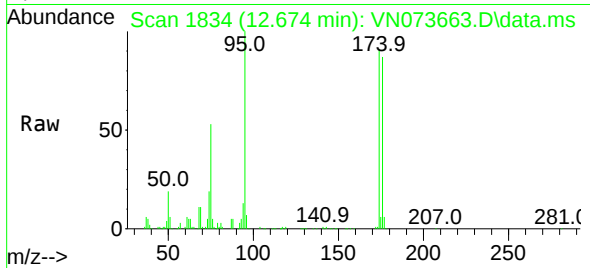




#62
4-Bromofluorobenzene
Concen: 50.177 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

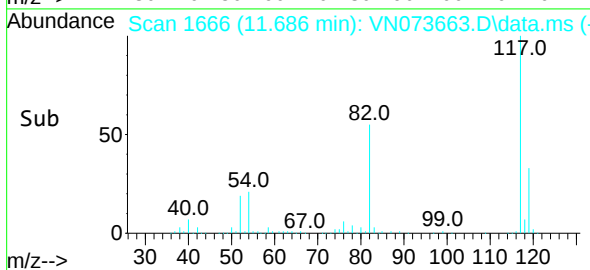
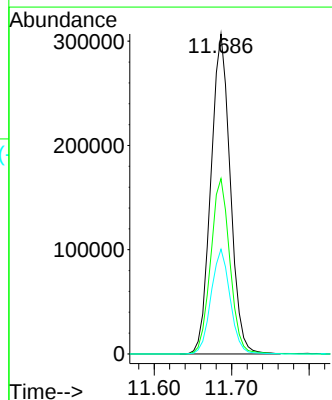
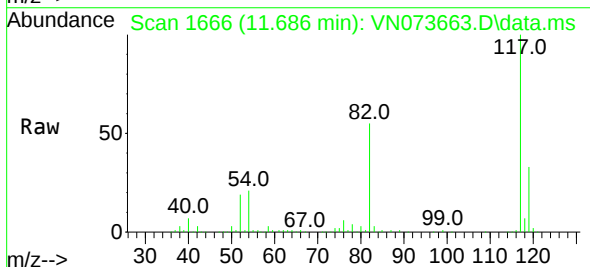
Instrument :
MSVOA_N
ClientSampleId :

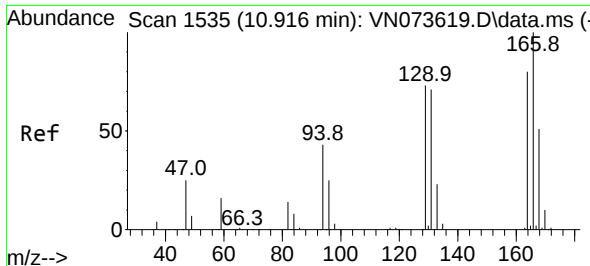
Tgt Ion: 95 Resp: 233664
Ion Ratio Lower Upper
95 100
174 90.5 0.0 167.6
176 84.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

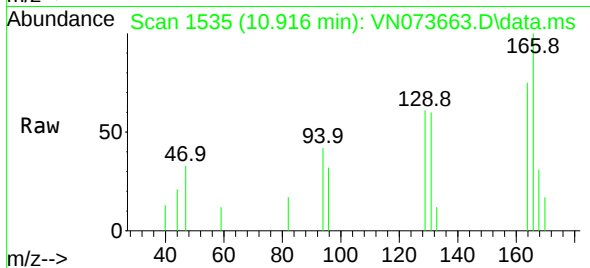
Tgt Ion: 117 Resp: 532286
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.8 25.4 38.0



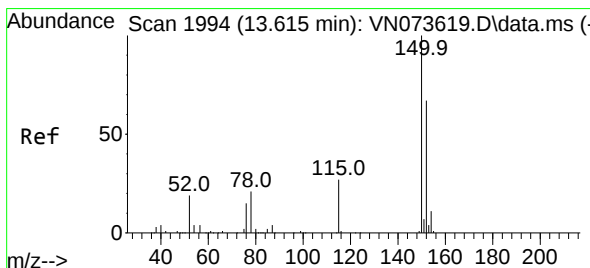
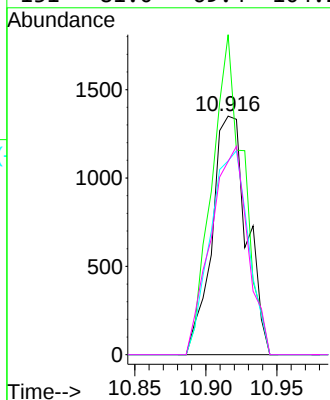
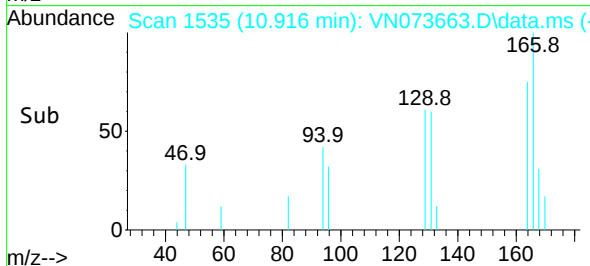


#64
Tetrachloroethene
Concen: 0.547 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

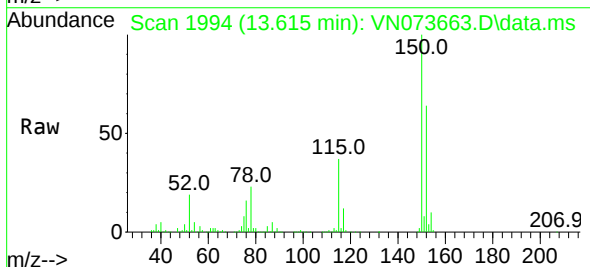
Instrument :
MSVOA_N
ClientSampleId :



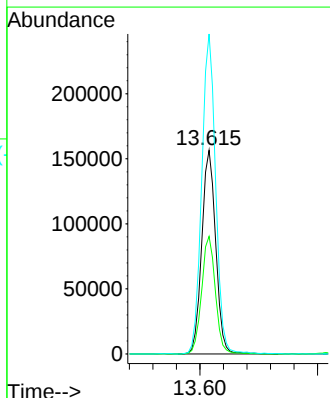
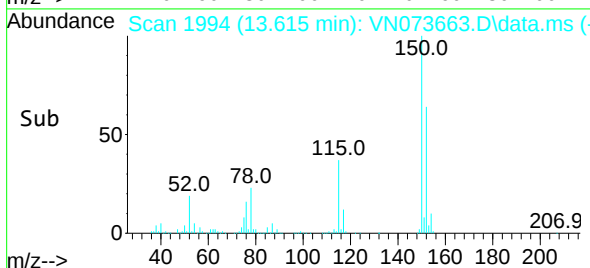
Tgt Ion:164 Resp: 2312
Ion Ratio Lower Upper
164 100
166 134.1 104.2 156.2
129 81.3 73.9 110.9
131 81.0 69.4 104.2

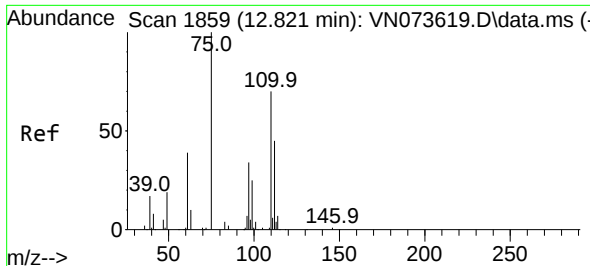


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32



Tgt Ion:152 Resp: 258748
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 156.0 0.0 356.2

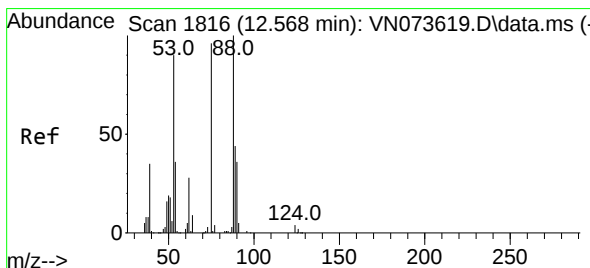
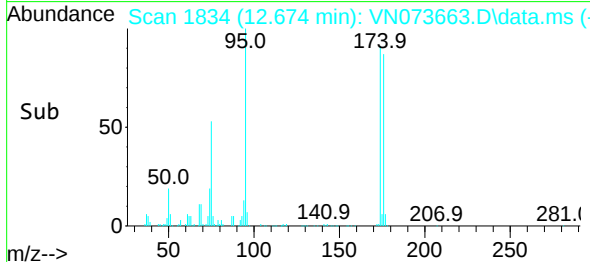
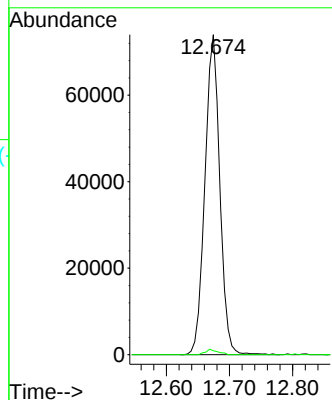
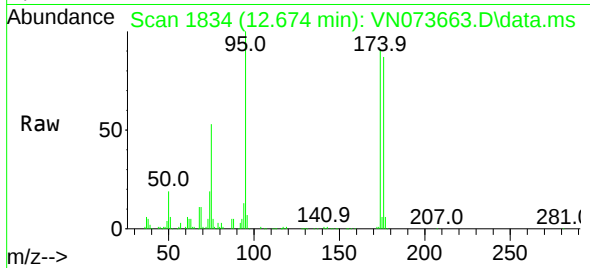




#76
1,2,3-Trichloropropane
Concen: 23.885 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

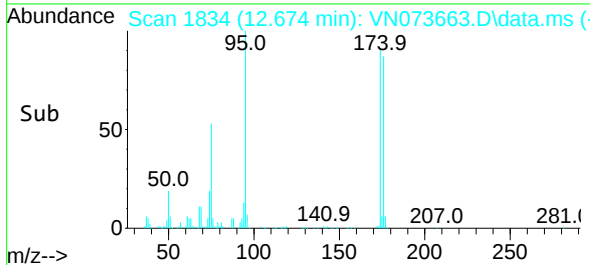
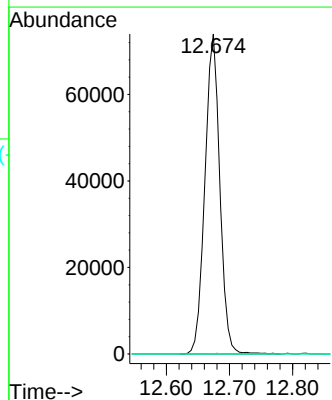
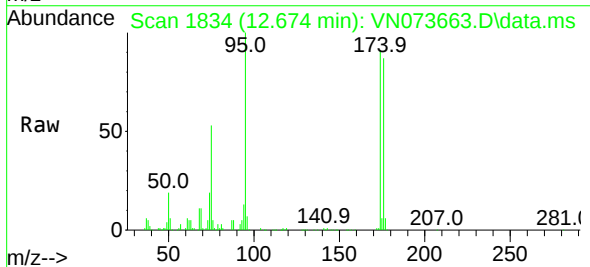
Instrument :
MSVOA_N
ClientSampleId :

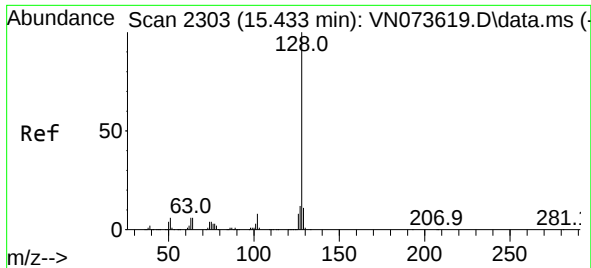
Tgt Ion: 75 Resp: 121197
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.701 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

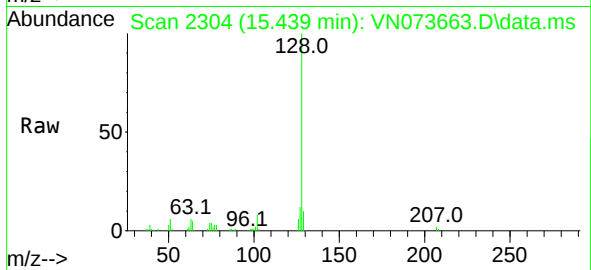
Tgt Ion: 75 Resp: 121197
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 6.979 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073663.D
Acq: 01 Aug 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 102608
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.6 13.0

