

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073658.D
 Acq On : 01 Aug 2022 14:30
 Operator : JC\MD
 Sample : N3974-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:01:16 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)

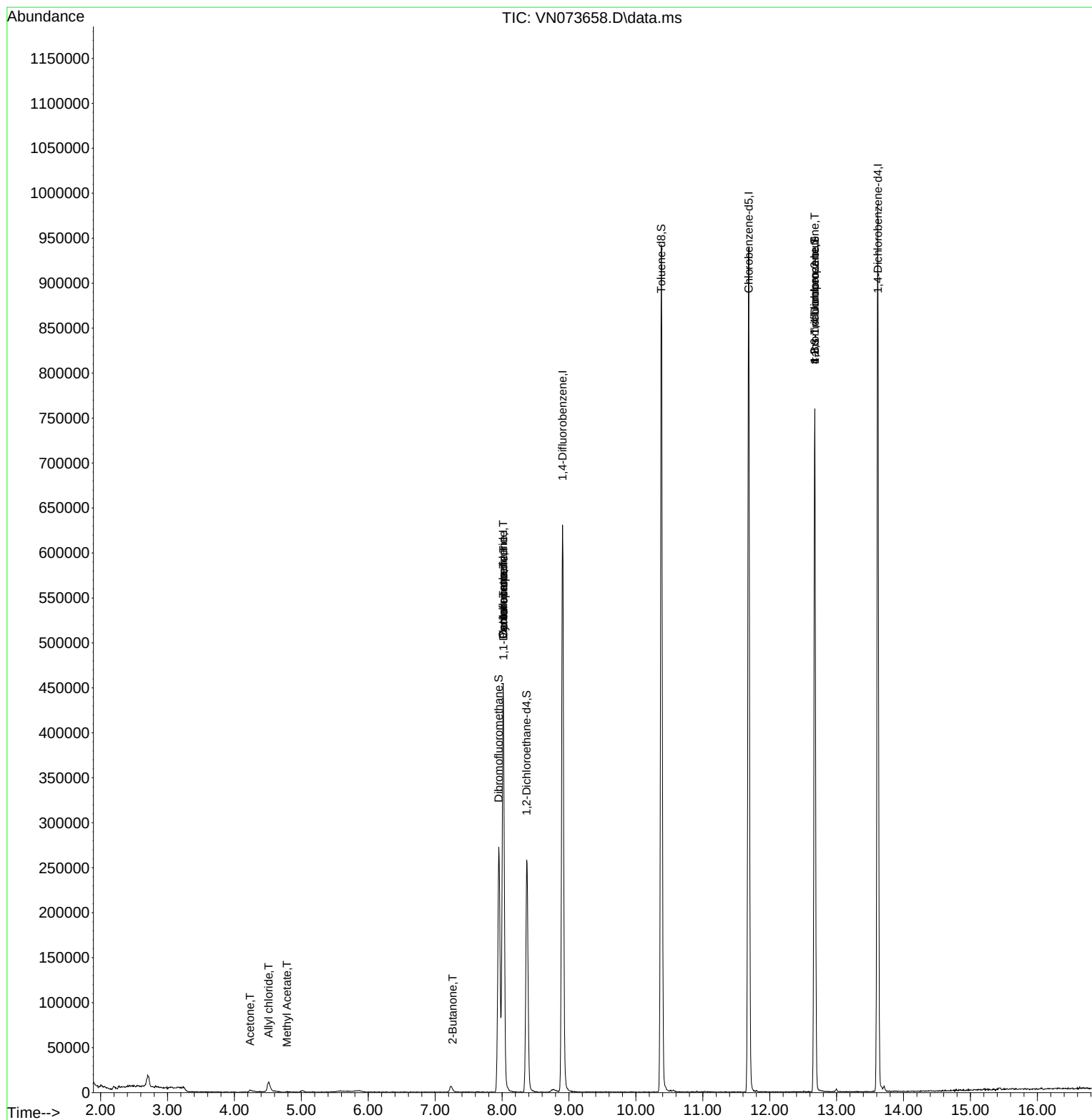
Internal Standards						
1) Pentafluorobenzene	8.016	168	359494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	587876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	556574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	269075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	215689	49.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	7.951	113	200269	54.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.500%
50) Toluene-d8	10.380	98	659133	45.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.674	95	246454	50.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1203	Below Cal		95
6) Chloroethane	2.940	64	63	Below Cal	#	42
14) Allyl chloride	4.510	41	2138	0.392	ug/l #	49
16) Acetone	4.234	43	4050	1.721	ug/l #	87
18) Methyl Acetate	4.787	43	1315	0.225	ug/l #	48
20) Methylene Chloride	5.010	84	1190	Below Cal	#	85
25) 2-Butanone	7.263	43	738	0.202	ug/l #	45
31) Cyclohexane	8.016	56	7021	1.076	ug/l #	9
36) 1,1-Dichloropropene	8.022	75	26850	5.103	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34960	6.542	ug/l #	16
76) 1,2,3-Trichloropropane	12.674	75	126881	24.068	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	126881	61.109	ug/l #	10

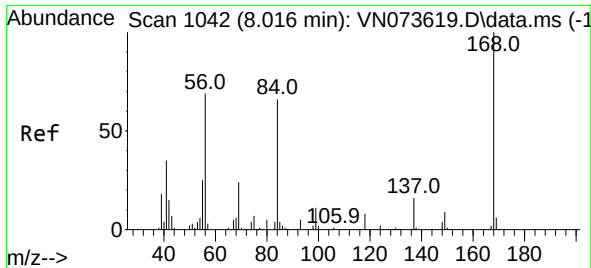
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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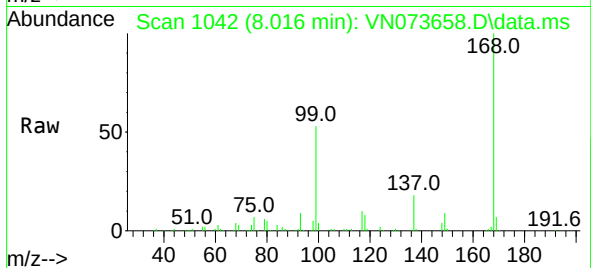
Quant Time: Aug 02 05:01:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
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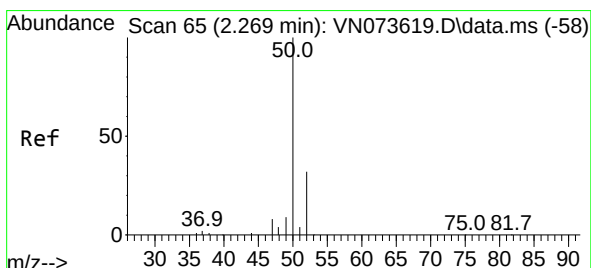
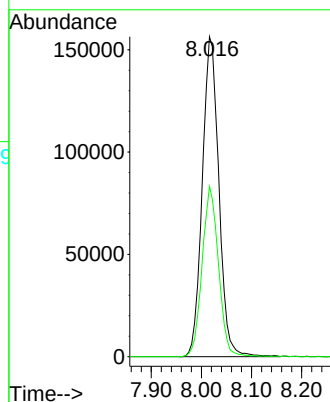
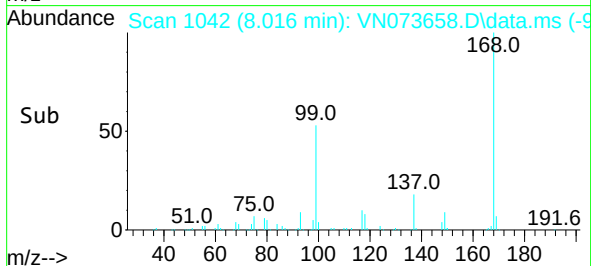


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :

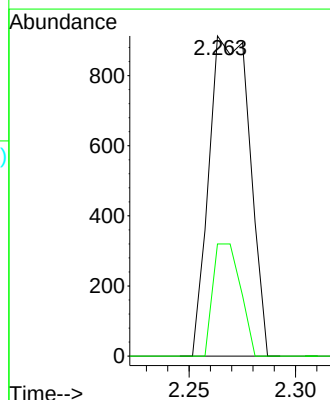
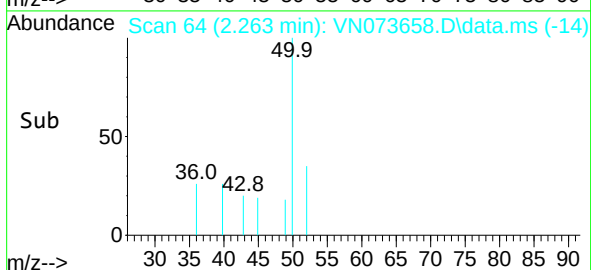
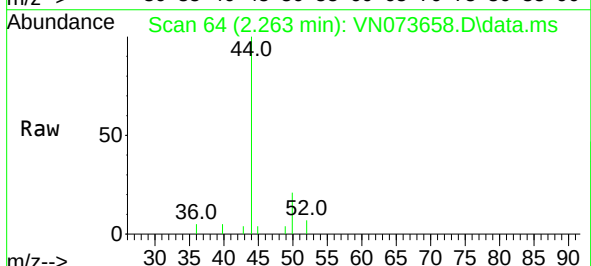


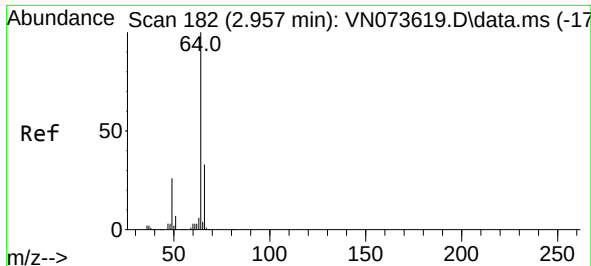
Tgt Ion:168 Resp: 359494
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 50 Resp: 1203
Ion Ratio Lower Upper
50 100
52 35.0 25.7 38.5

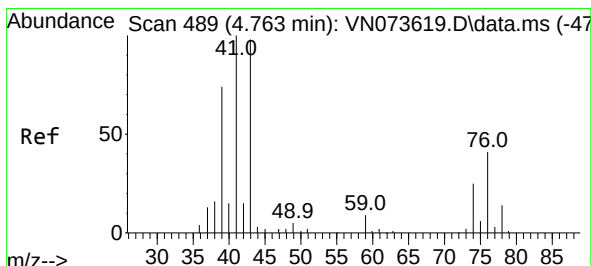
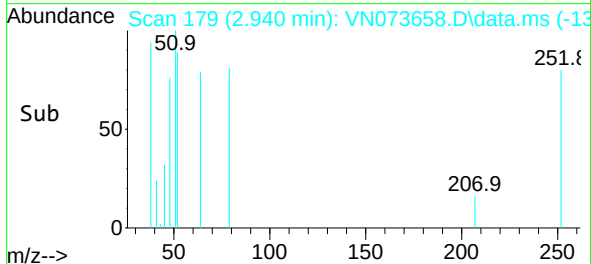
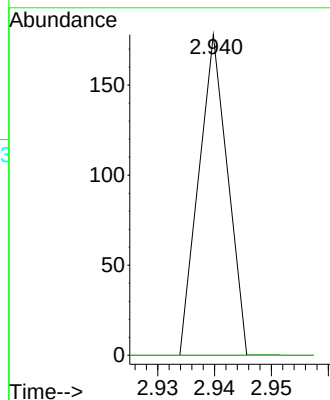
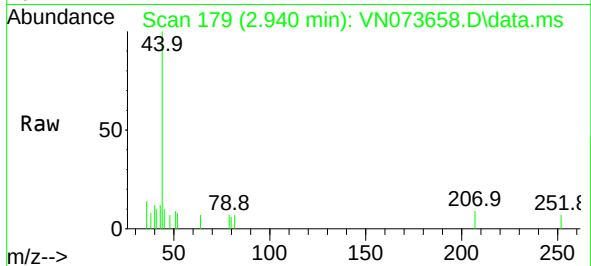




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

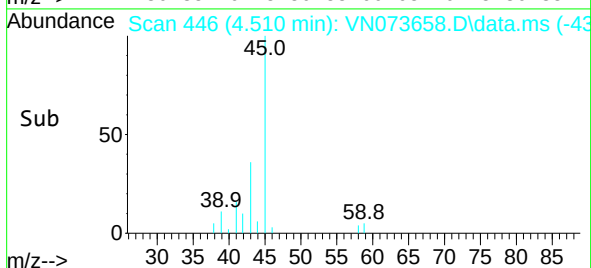
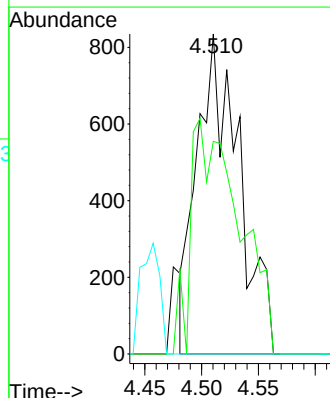
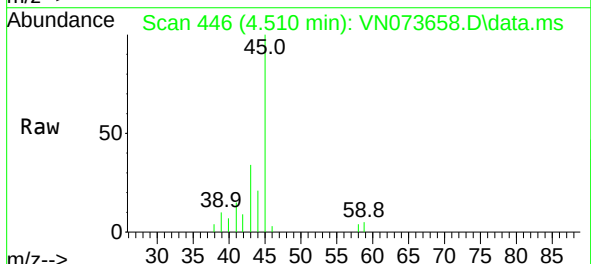
Instrument :
MSVOA_N
ClientSampleId :

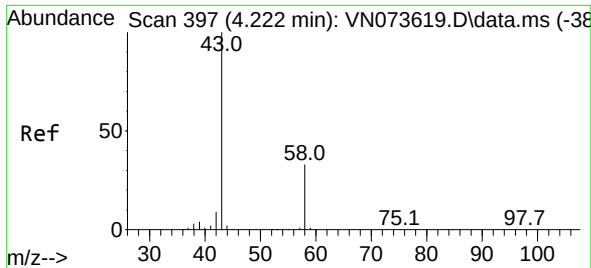
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#14
Allyl chloride
Concen: 0.392 ug/l
RT: 4.510 min Scan# 446
Delta R.T. -0.253 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 41 Resp: 2138
Ion Ratio Lower Upper
41 100
39 30.8 53.2 79.8#
76 0.0 29.9 44.9#

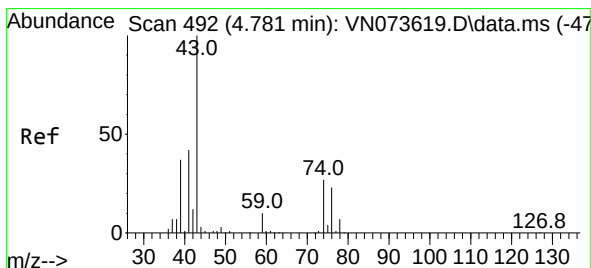
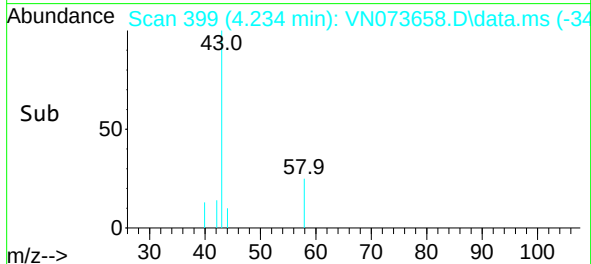
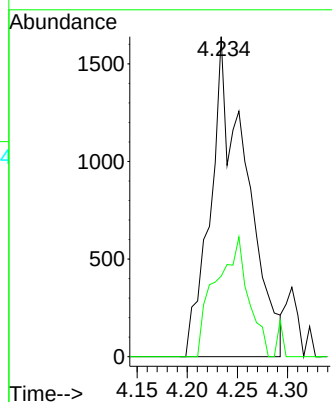
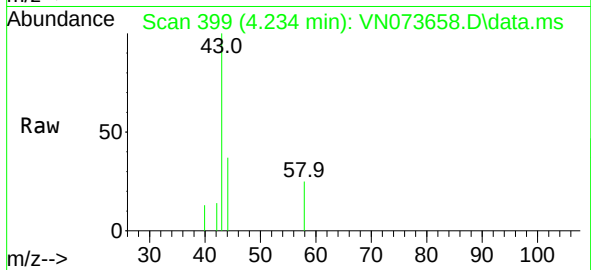




#16
Acetone
Concen: 1.721 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

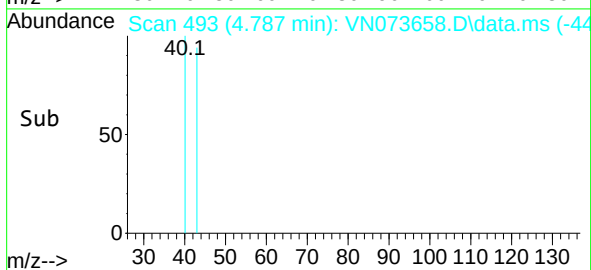
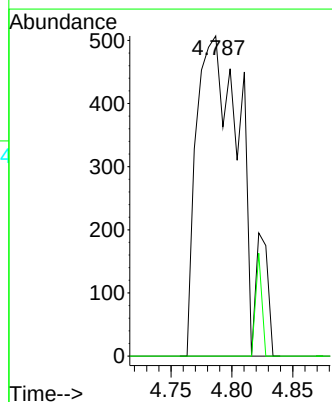
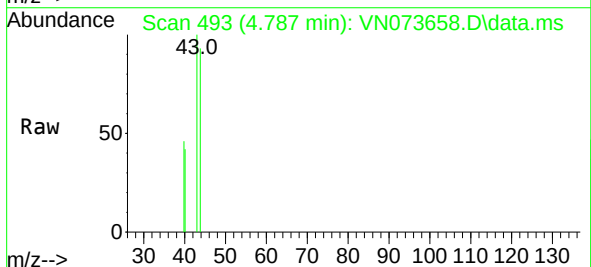
Instrument :
MSVOA_N
ClientSampleId :

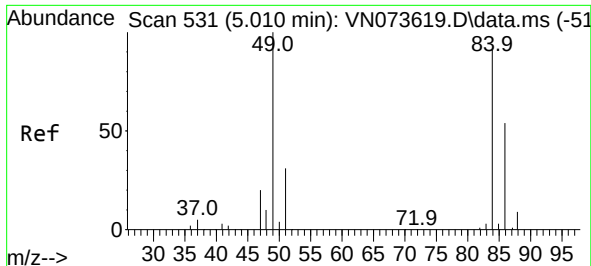
Tgt Ion: 43 Resp: 4050
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

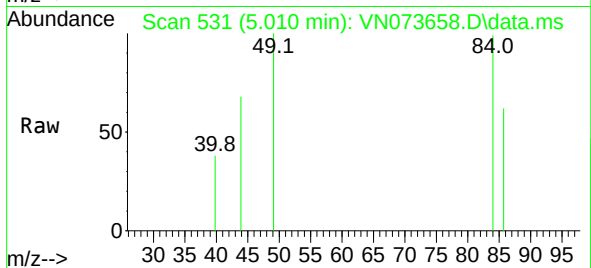
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



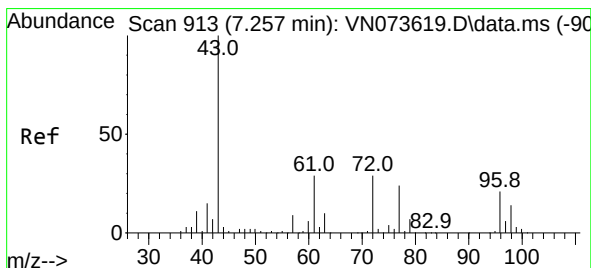
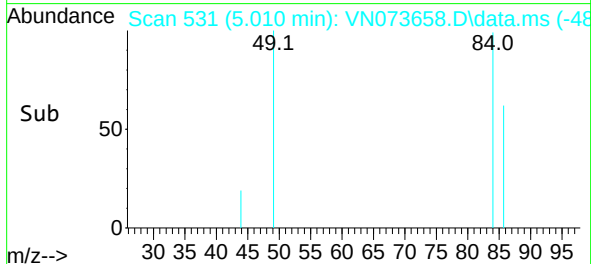
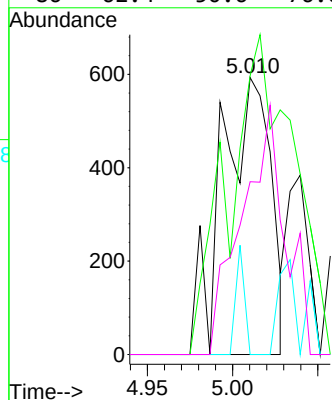


#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :

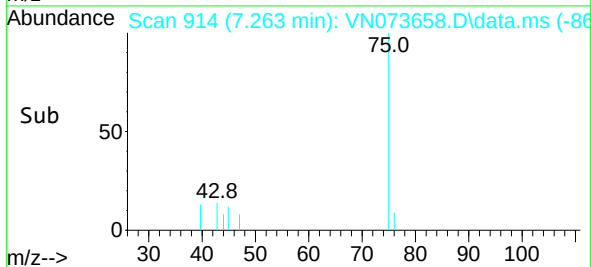
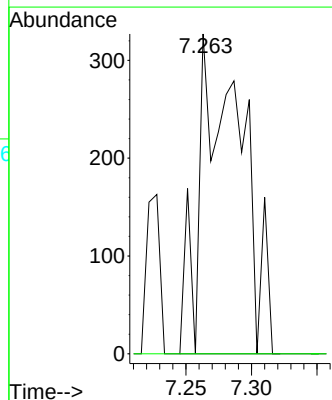
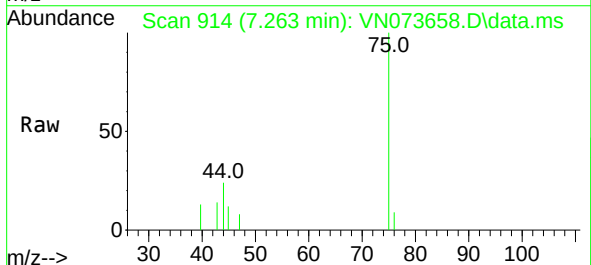


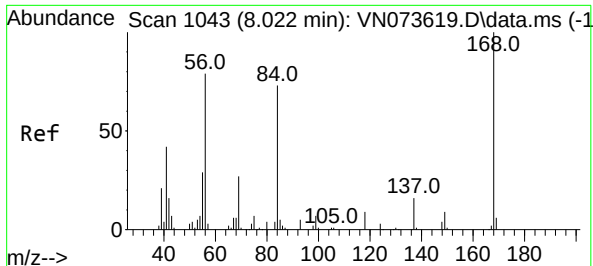
Tgt Ion: 84 Resp: 1190
Ion Ratio Lower Upper
84 100
49 100.7 88.3 132.5
51 0.0 28.2 42.2#
86 62.4 50.6 76.0



#25
2-Butanone
Concen: 0.202 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.076 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

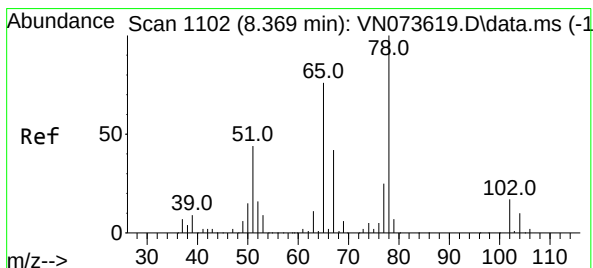
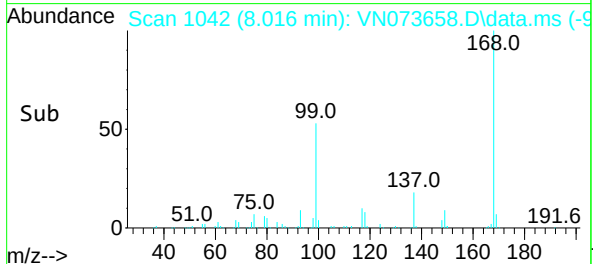
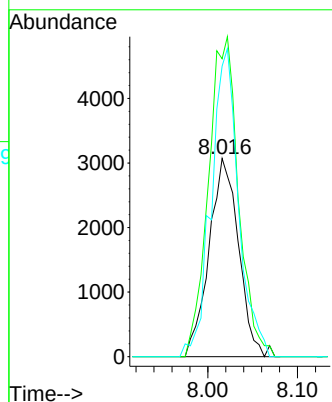
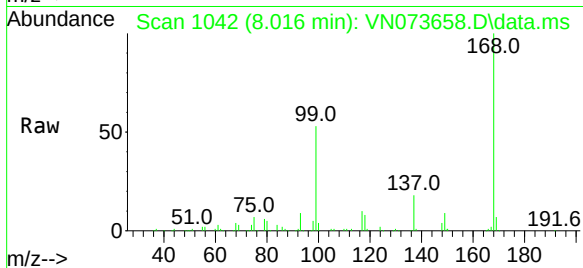
Tgt Ion: 56 Resp: 7021

Ion Ratio Lower Upper

56 100

69 150.3 27.8 41.8#

84 146.6 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.233 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073658.D

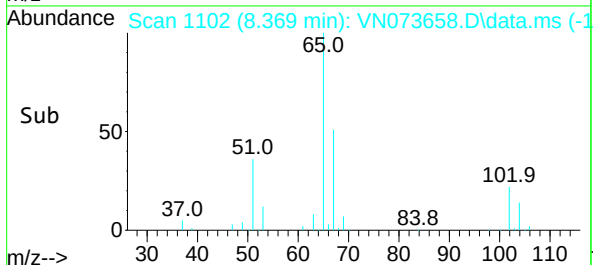
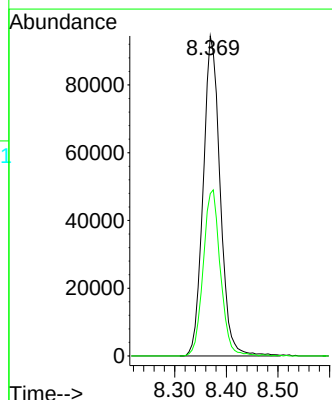
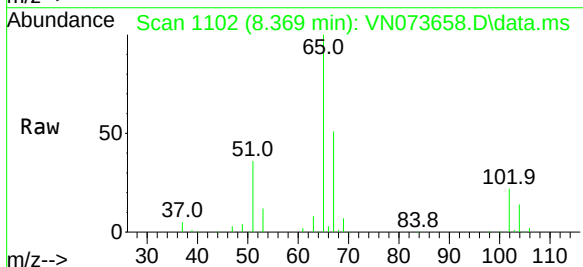
Acq: 01 Aug 2022 14:30

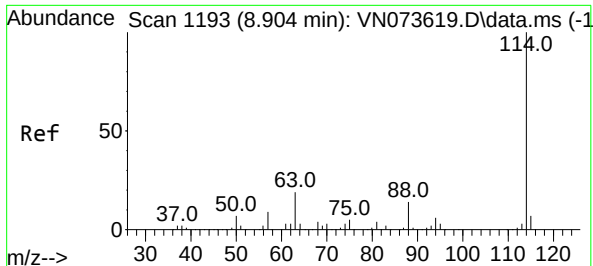
Tgt Ion: 65 Resp: 215689

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: VN073658.D

Acq: 01 Aug 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

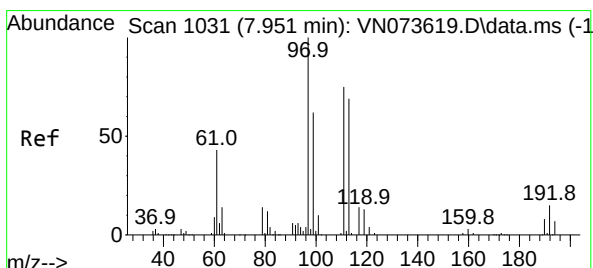
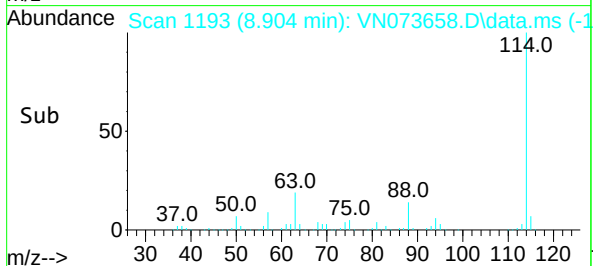
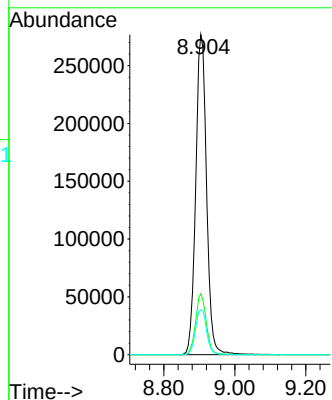
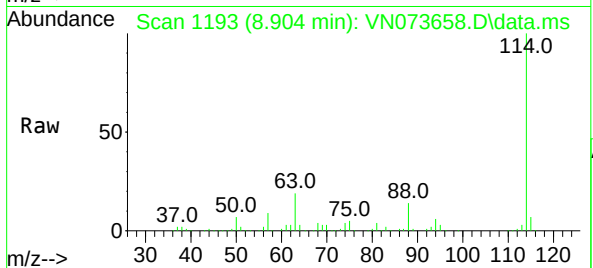
Tgt Ion:114 Resp: 587876

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.252 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

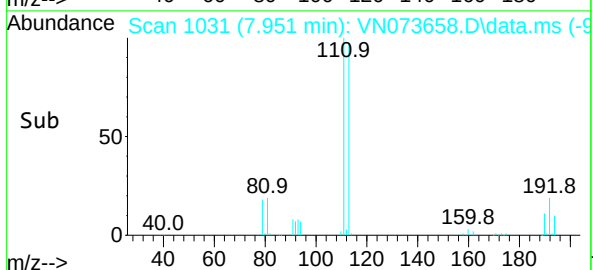
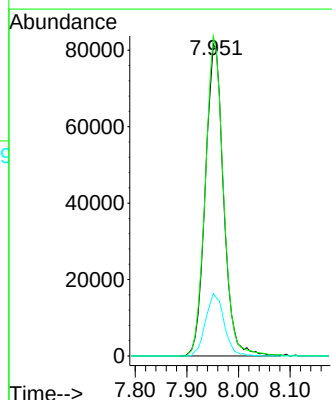
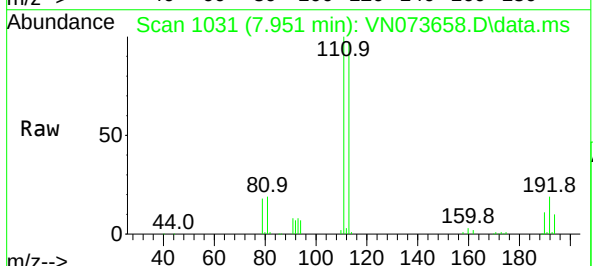
Tgt Ion:113 Resp: 200269

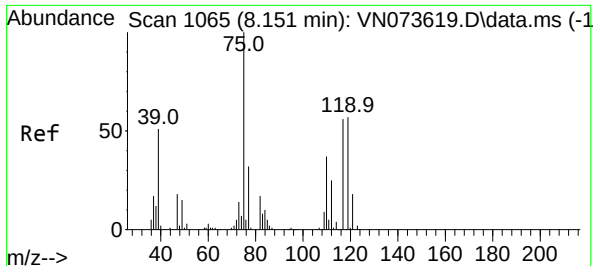
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 20.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

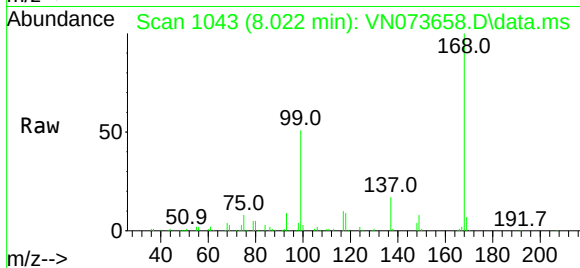
Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

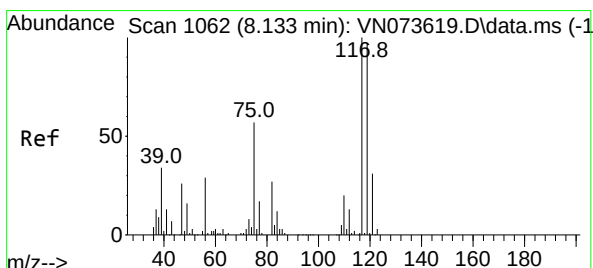
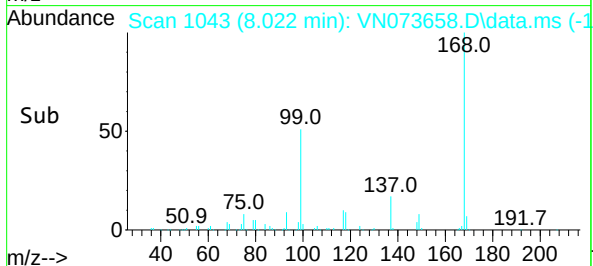
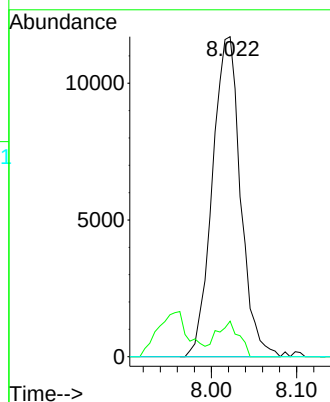
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 26850
Ion Ratio	Lower Upper
75	100
110	8.9 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.542 ug/l

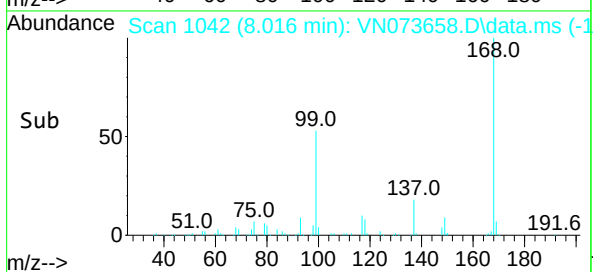
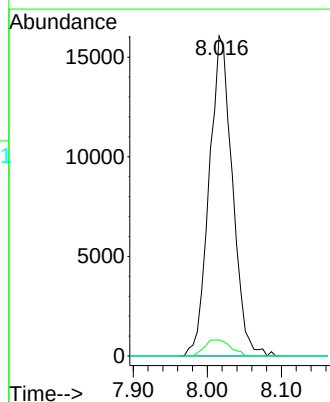
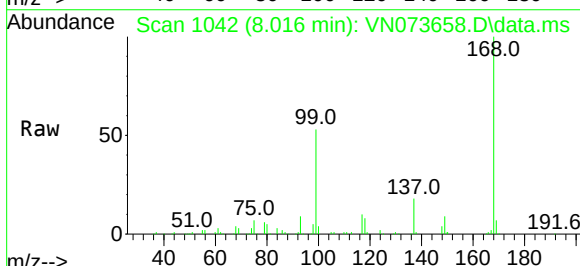
RT: 8.016 min Scan# 1042

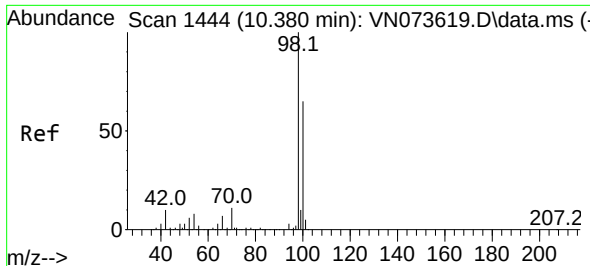
Delta R.T. -0.118 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

Tgt Ion: 117	Resp: 34960
Ion Ratio	Lower Upper
117	100
119	5.0 75.8 113.8#
121	0.0 24.6 37.0#

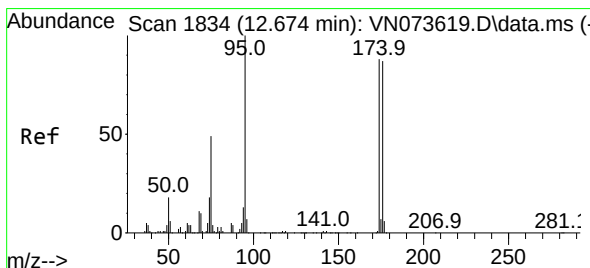
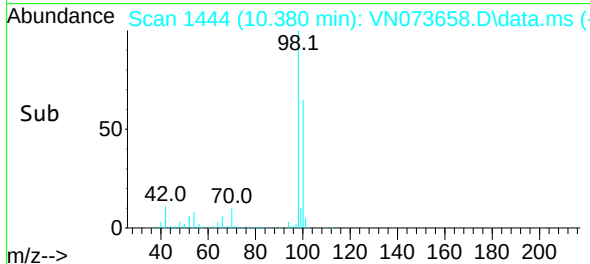
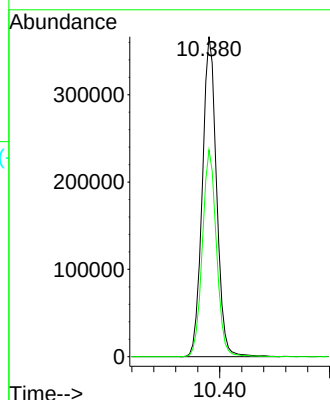
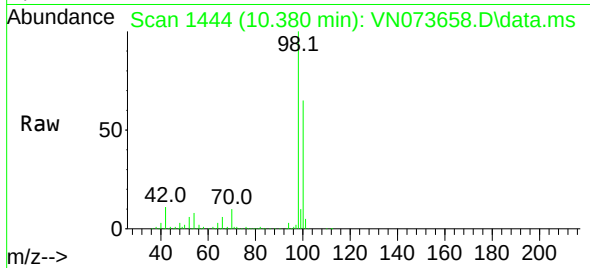




#50
Toluene-d8
Concen: 45.375 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

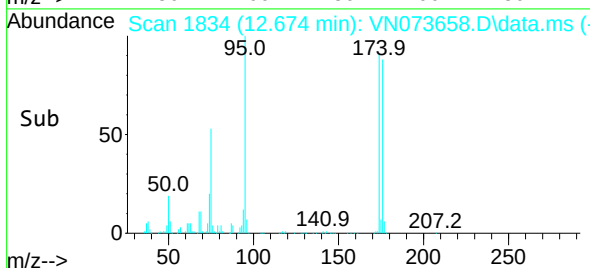
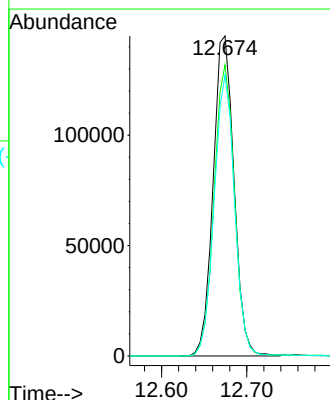
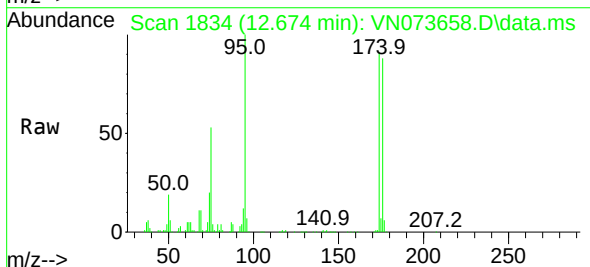
Instrument :
MSVOA_N
ClientSampleId :

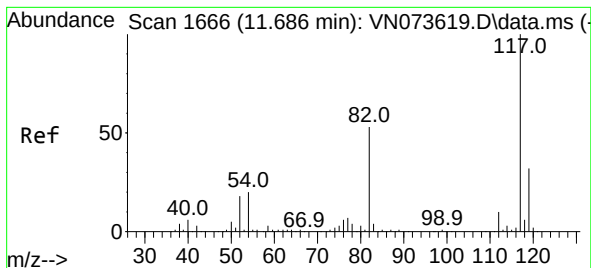
Tgt Ion: 98 Resp: 659133
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.653 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 95 Resp: 246454
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 85.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

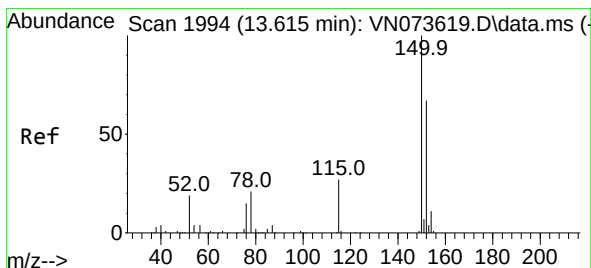
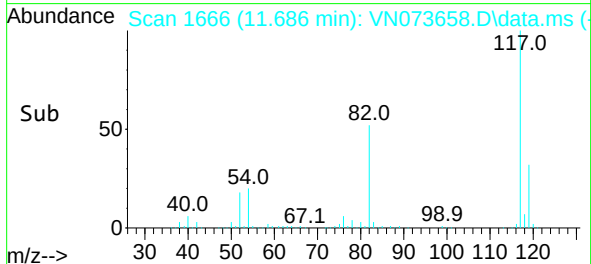
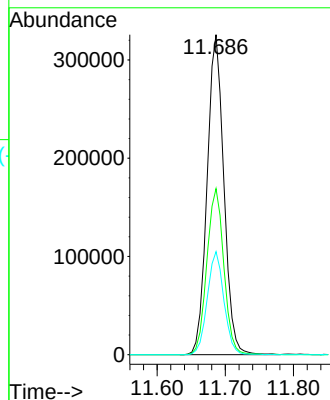
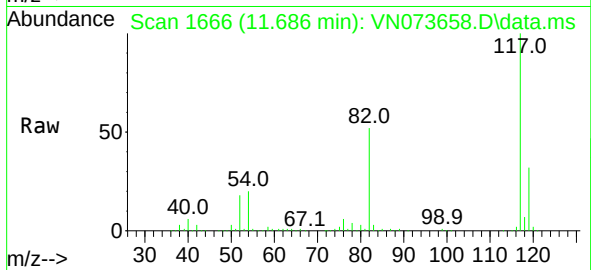
Tgt Ion:117 Resp: 556574

Ion Ratio Lower Upper

117 100

82 51.9 44.2 66.2

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073658.D

Acq: 01 Aug 2022 14:30

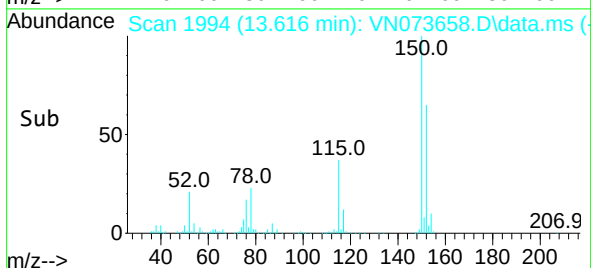
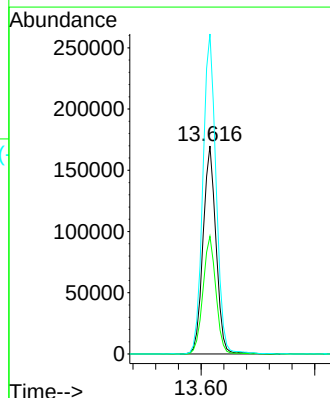
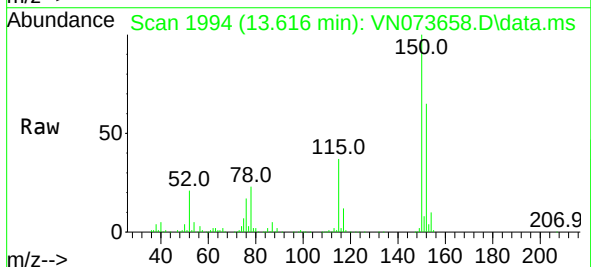
Tgt Ion:152 Resp: 269075

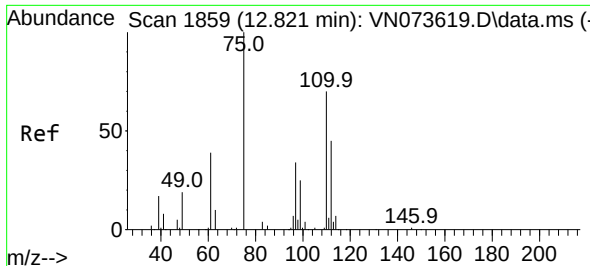
Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 156.7 0.0 356.2

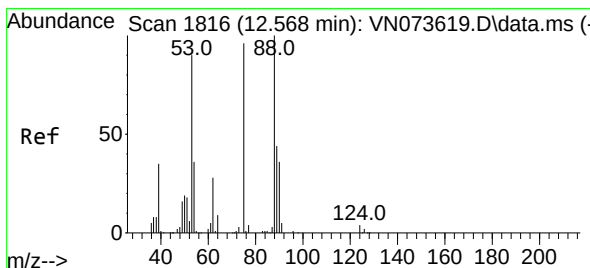
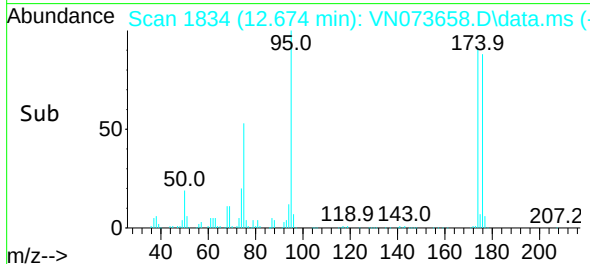
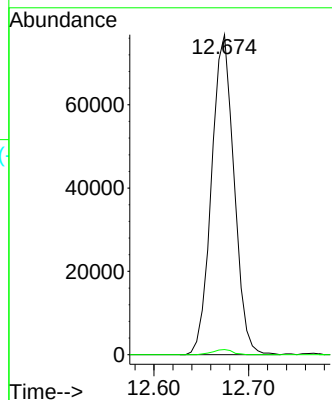
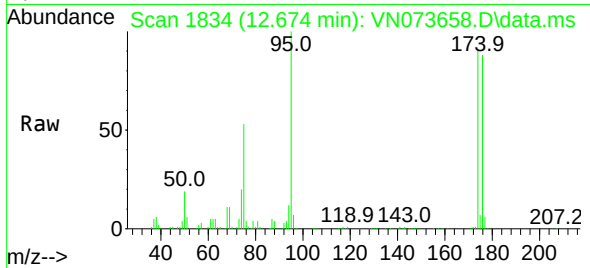




#76
1,2,3-Trichloropropane
Concen: 24.068 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 126881
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.109 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073658.D
Acq: 01 Aug 2022 14:30

Tgt Ion: 75 Resp: 126881
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

