

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070482.D
 Acq On : 5 Jan 2022 12:00
 Operator : JC/MD
 Sample : VN0105WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 12:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

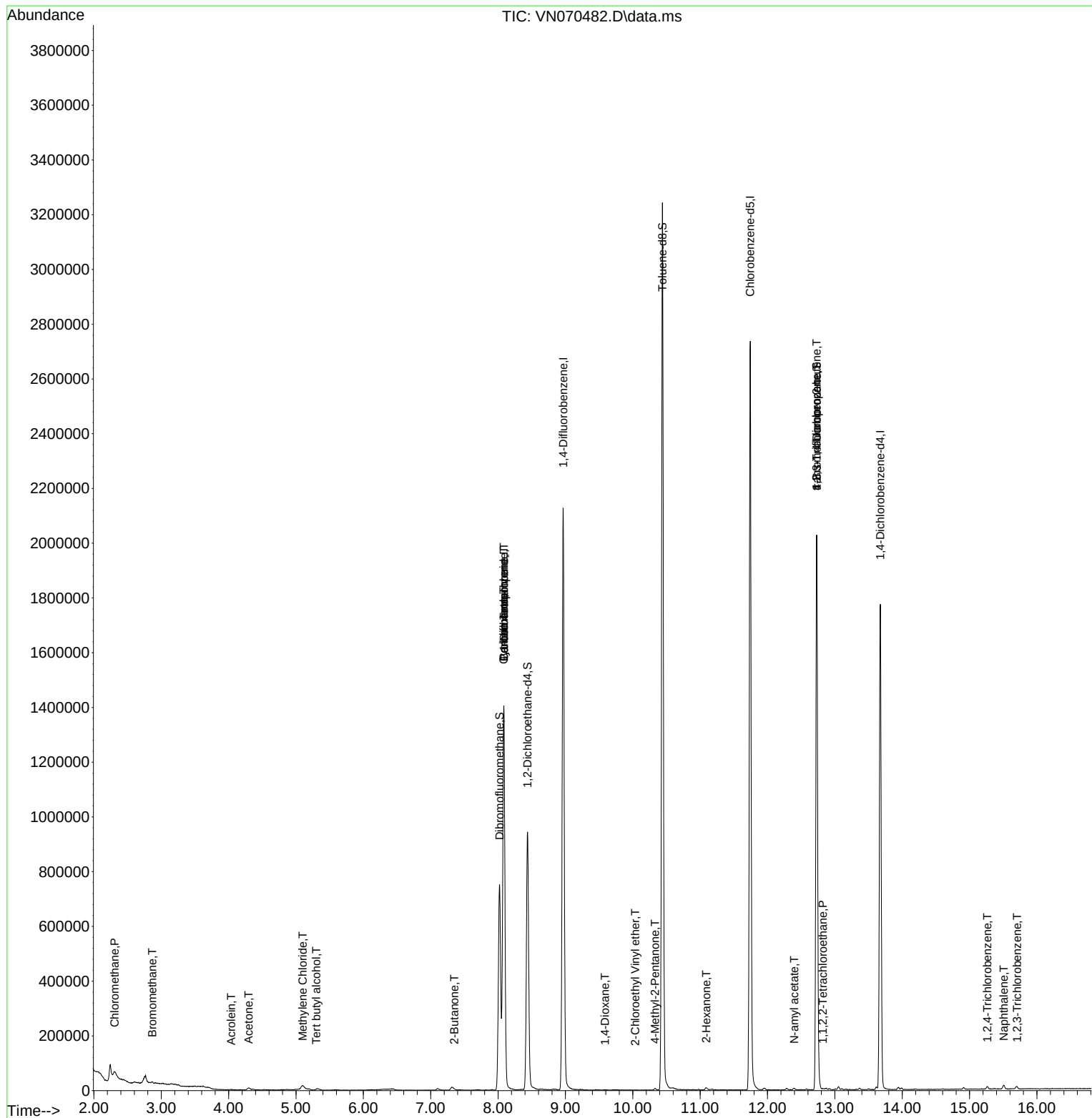
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Pentafluorobenzene		8.086	168	1080464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.968	114	1825041	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.744	117	1581271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	503055	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.437	65	793949	51.107	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.220%	
35) Dibromofluoromethane		8.021	113	560214	50.733	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.460%	
50) Toluene-d8		10.440	98	2241144	49.682	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.360%	
62) 4-Bromofluorobenzene		12.731	95	759679	46.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.260%	
Target Compounds							Qvalue
3) Chloromethane		2.309	50	3713	0.223	ug/l #	81
5) Bromomethane		2.866	94	4474	0.571	ug/l	96
11) Tert butyl alcohol		5.302	59	2076	0.803	ug/l #	71
13) Acrolein		4.038	56	857	0.408	ug/l #	60
16) Acetone		4.296	43	8102	0.803	ug/l	95
20) Methylene Chloride		5.098	84	9250	0.663	ug/l #	90
25) 2-Butanone		7.351	43	4665	0.367	ug/l	94
31) Cyclohexane		8.083	56	24463	0.998	ug/l #	3
36) 1,1-Dichloropropene		8.086	75	88005	4.818	ug/l #	48
38) Carbon Tetrachloride		8.086	117	107103	6.140	ug/l #	16
49) 1,4-Dioxane		9.587	88	59	0.226	ug/l #	11
51) 4-Methyl-2-Pentanone		10.330	43	4967	0.212	ug/l #	64
58) 2-Chloroethyl Vinyl ether		10.035	63	163	18.540	ug/l #	45
59) 2-Hexanone		11.089	43	8004	0.468	ug/l	88
74) N-amyl acetate		12.395	43	4832	0.246	ug/l #	88
75) 1,1,2,2-Tetrachloroethane		12.822	83	1116	0.512	ug/l #	87
76) 1,2,3-Trichloropropane		12.731	75	395958	27.867	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.731	75	395958	96.166	ug/l #	5
93) 1,2,4-Trichlorobenzene		15.263	180	3682	0.444	ug/l	95
95) Naphthalene		15.507	128	14164	2.393	ug/l #	95
96) 1,2,3-Trichlorobenzene		15.705	180	3815	1.299	ug/l	92

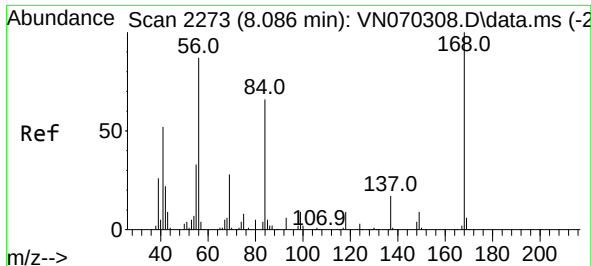
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
Data File : VN070482.D
Acq On : 5 Jan 2022 12:00
Operator : JC/MD
Sample : VN0105WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

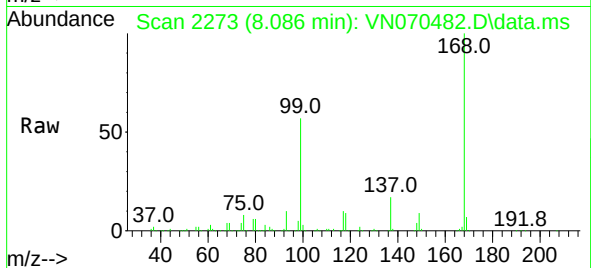
Quant Time: Jan 06 12:33:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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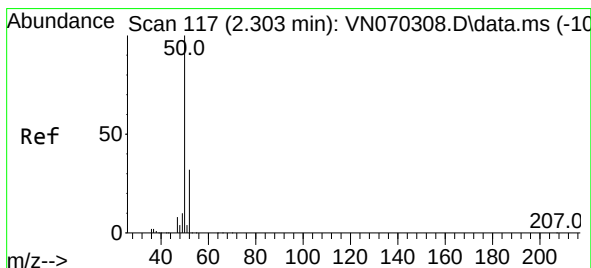
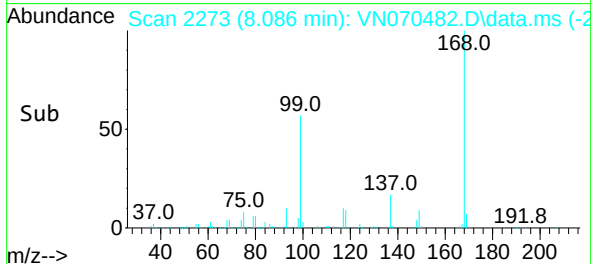
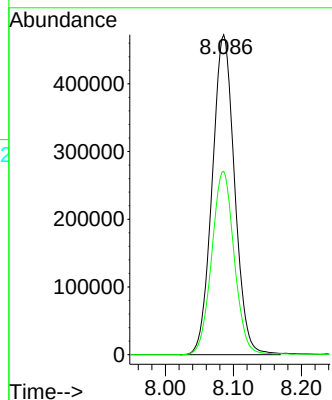


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

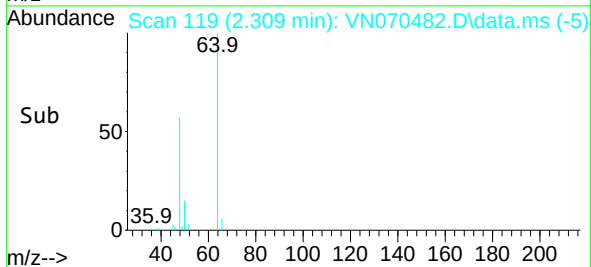
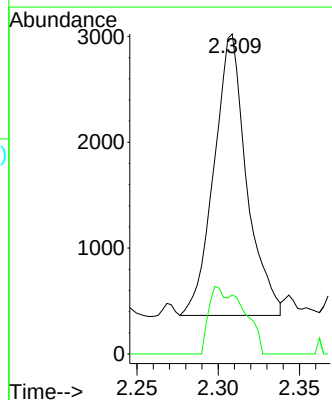
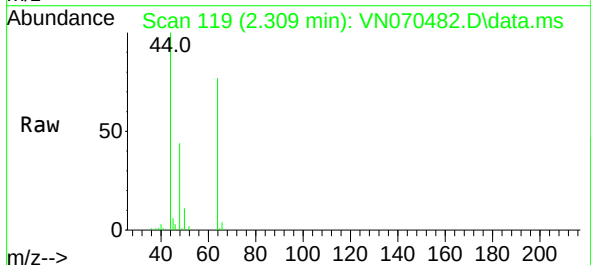


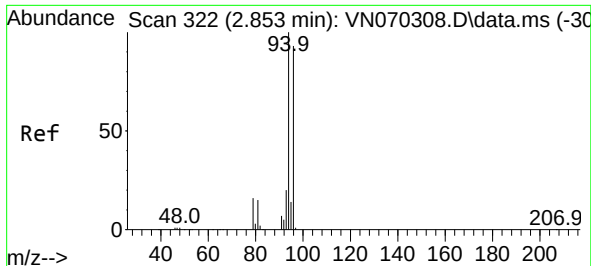
Tgt Ion:168 Resp: 1080464
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

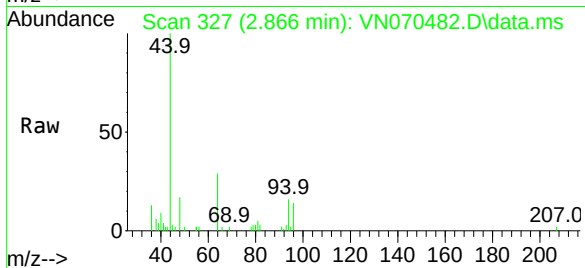
Tgt Ion: 50 Resp: 3713
Ion Ratio Lower Upper
50 100
52 21.0 25.4 38.0#



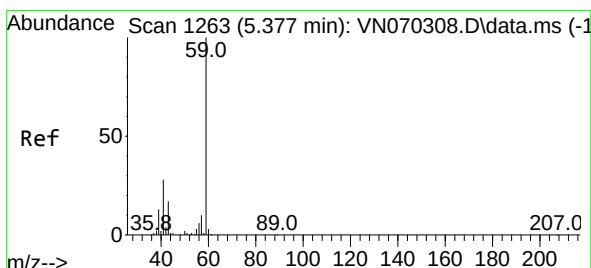
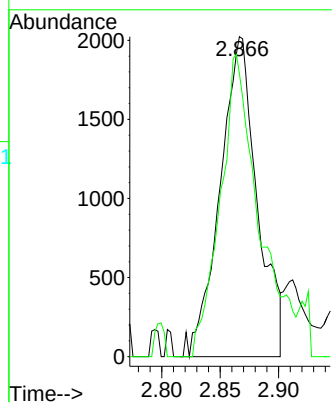
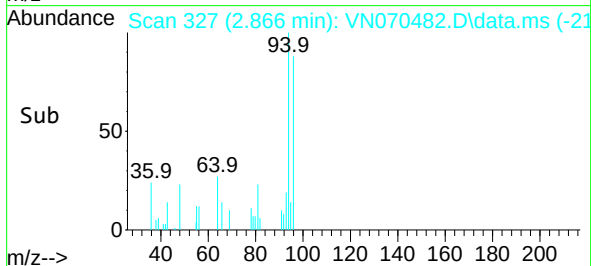


#5
Bromomethane
Concen: 0.571 ug/l
RT: 2.866 min Scan# 31
Delta R.T. 0.013 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

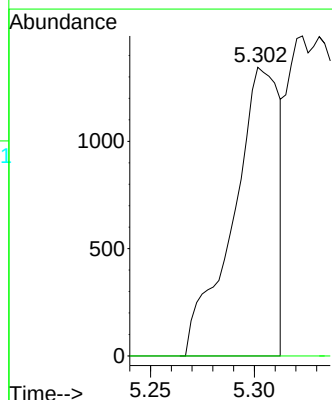
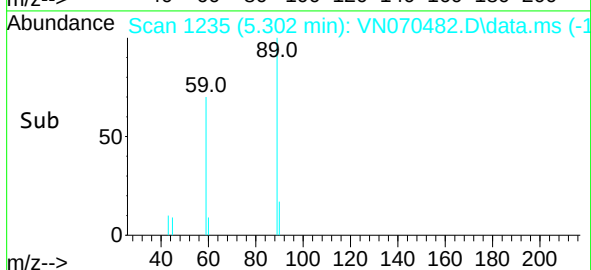
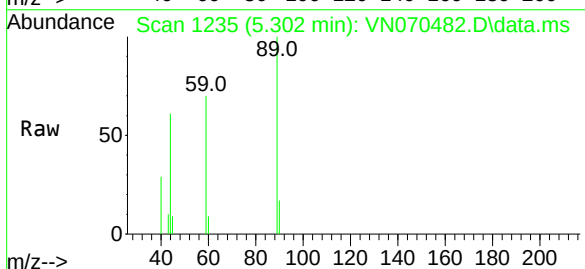


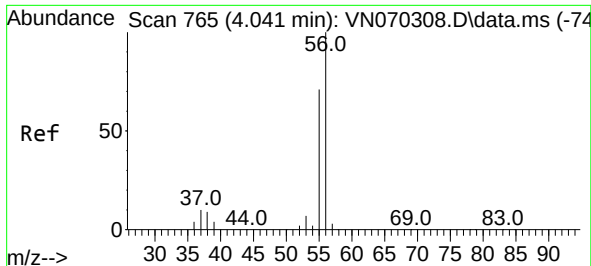
Tgt Ion: 94 Resp: 4474
Ion Ratio Lower Upper
94 100
96 88.4 73.8 110.8



#11
Tert butyl alcohol
Concen: 0.803 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.075 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

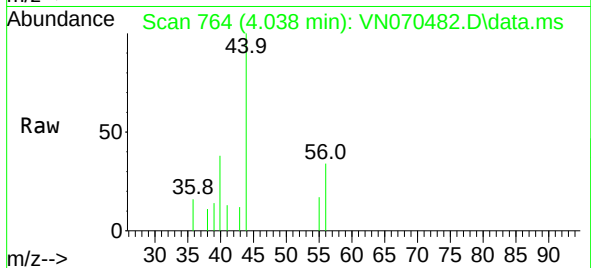
Tgt Ion: 59 Resp: 2076
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



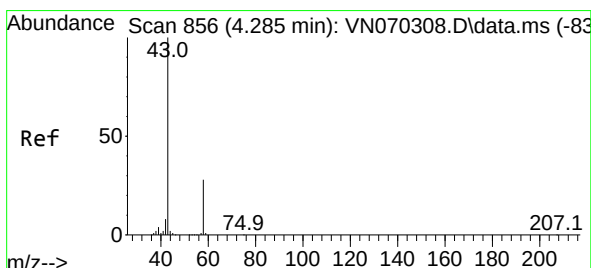
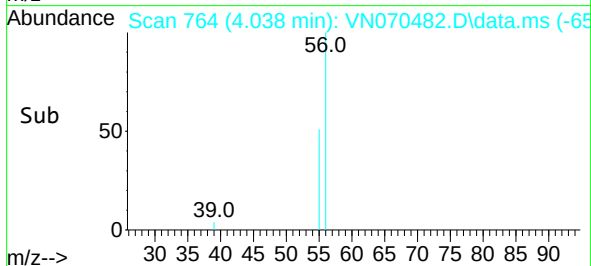
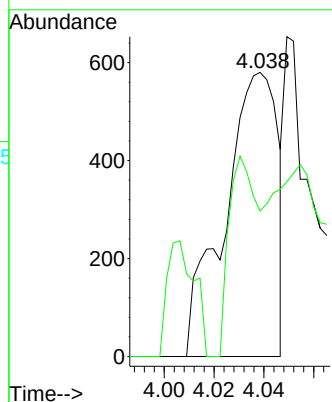


#13
Acrolein
Concen: 0.408 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

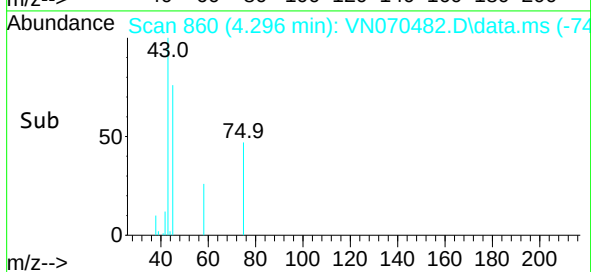
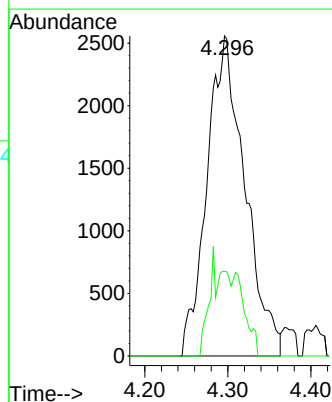
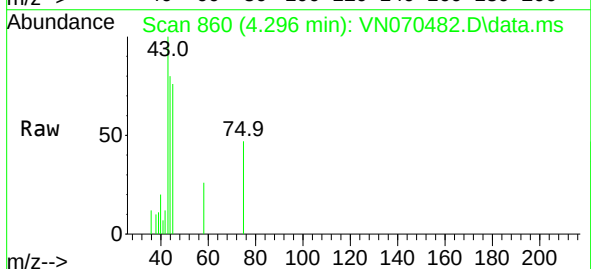


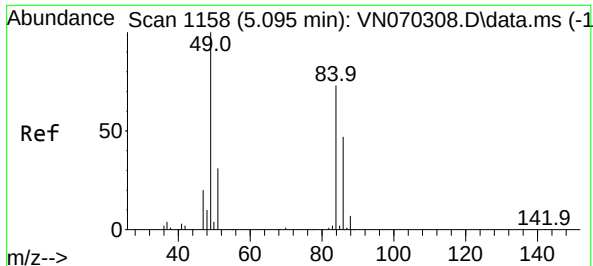
Tgt Ion: 56 Resp: 857
Ion Ratio Lower Upper
56 100
55 37.8 56.6 85.0#



#16
Acetone
Concen: 0.803 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

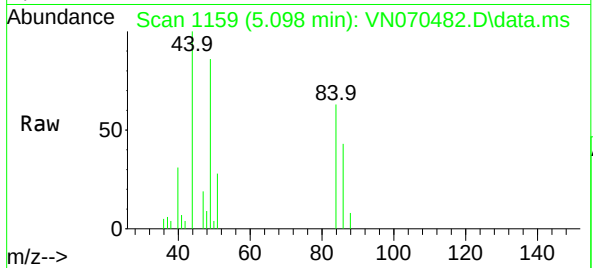
Tgt Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7



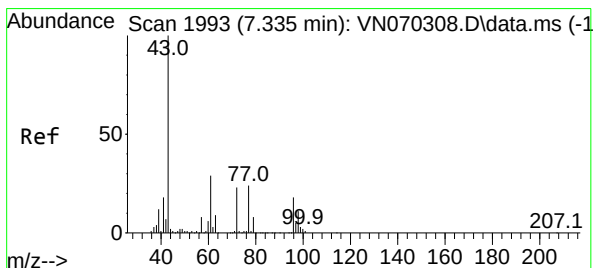
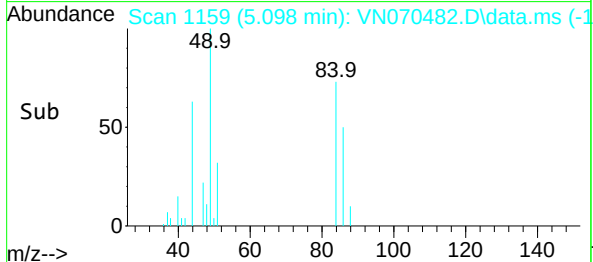
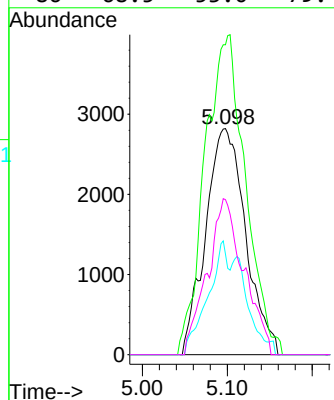


#20
Methylene Chloride
Concen: 0.663 ug/l
RT: 5.098 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

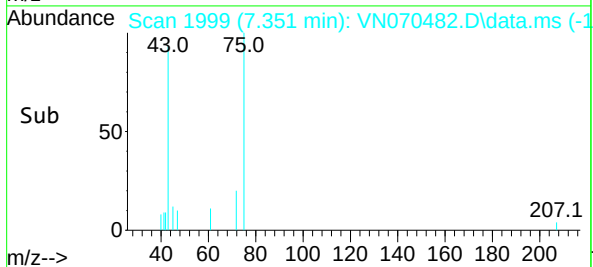
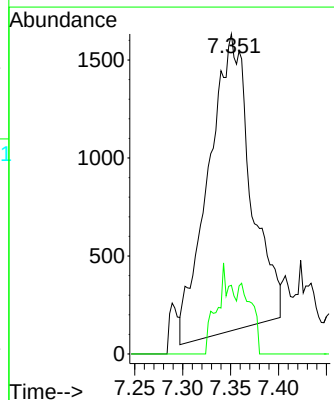
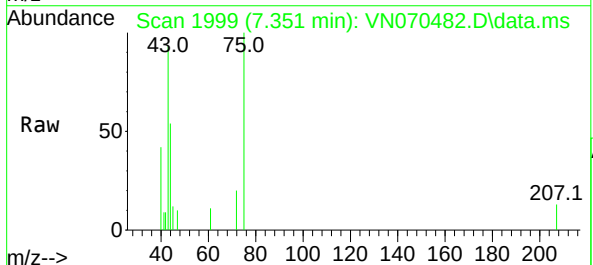


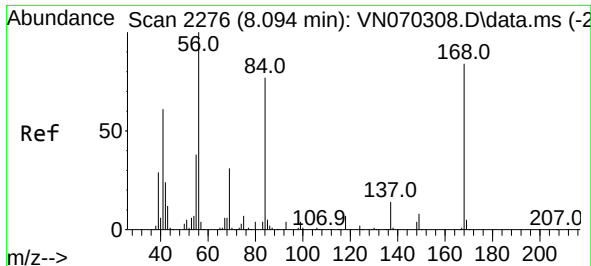
Tgt Ion:	84	Resp:	9250
Ion	Ratio	Lower	Upper
84	100		
49	131.1	93.5	140.3
51	44.4	29.4	44.2#
86	68.5	53.0	79.4



#25
2-Butanone
Concen: 0.367 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

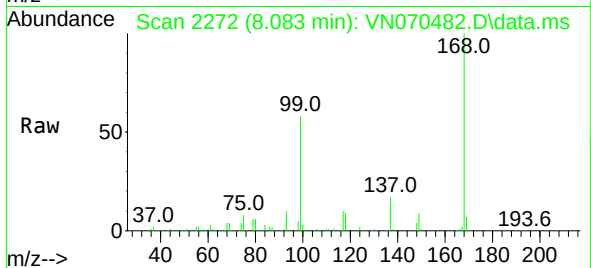
Tgt Ion:	43	Resp:	4665
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.7	32.5



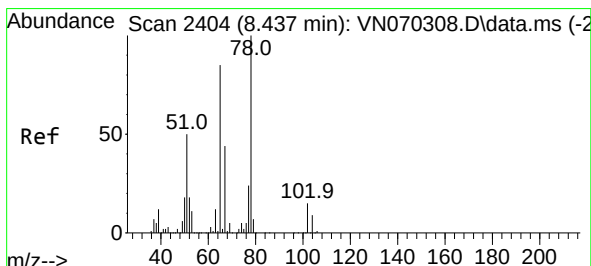
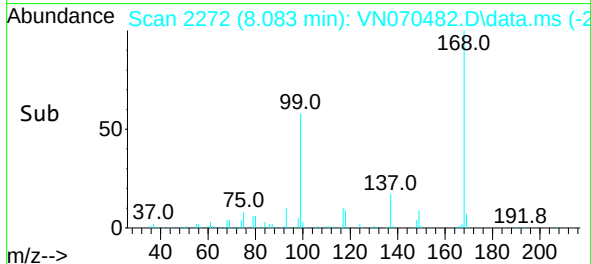
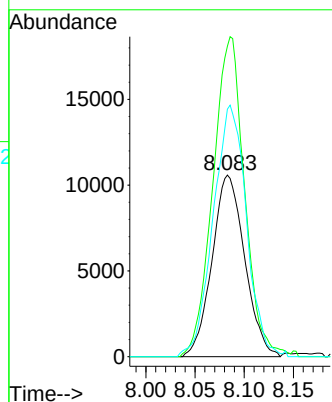


#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

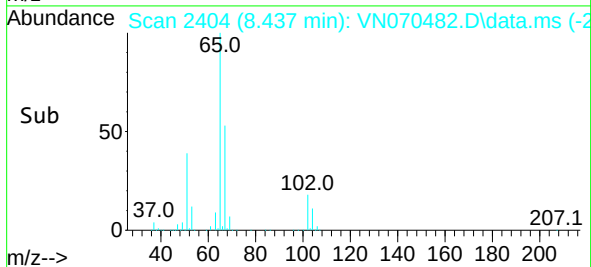
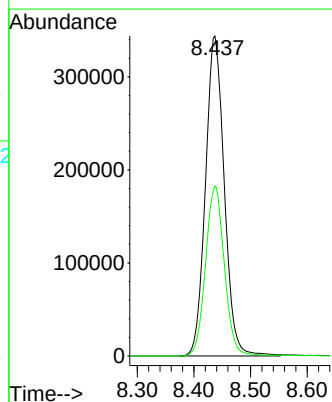
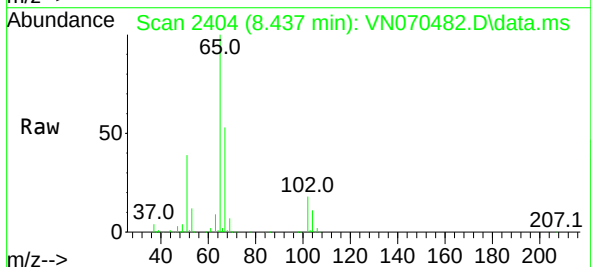


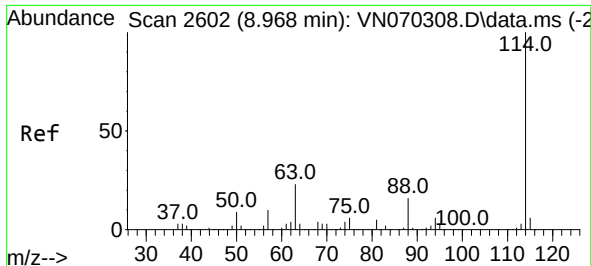
Tgt Ion: 56 Resp: 24463
Ion Ratio Lower Upper
56 100
69 170.9 27.1 40.7#
84 134.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.107 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Tgt Ion: 65 Resp: 793949
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

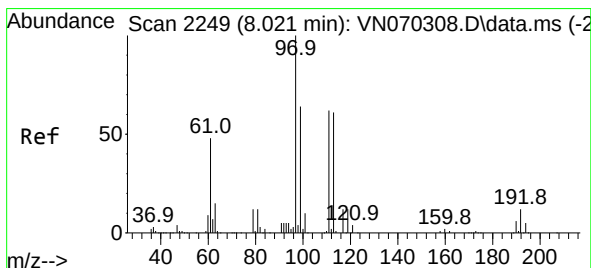
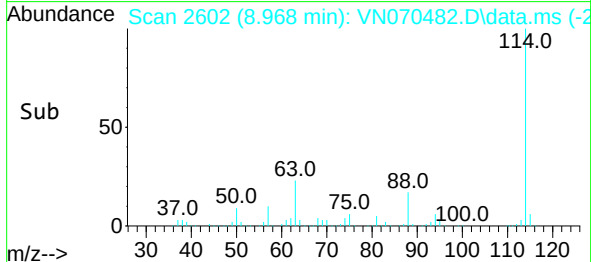
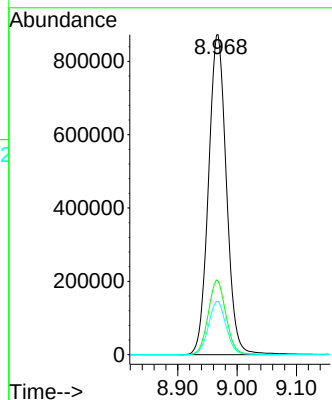
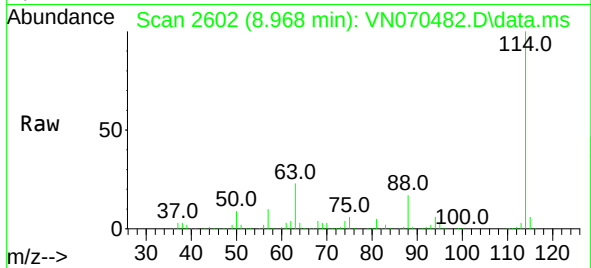




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

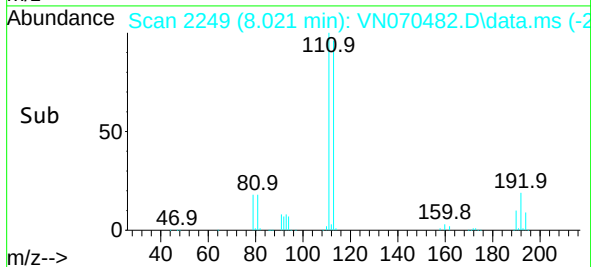
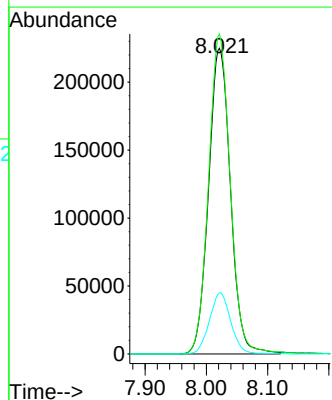
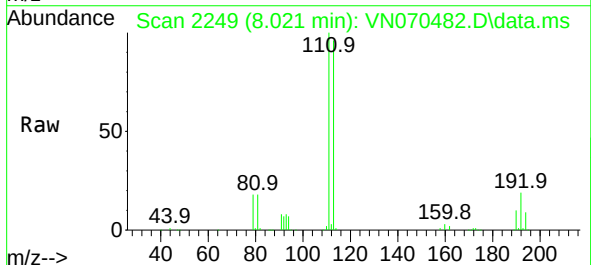
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MSVOA_N
ClientSampleId :

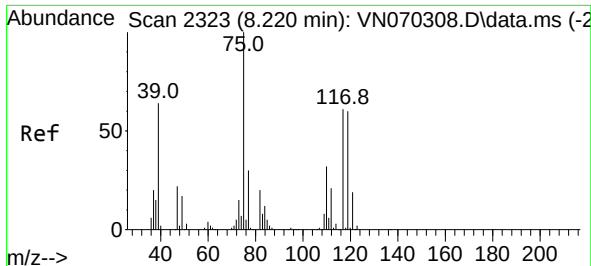
Tgt Ion:114 Resp: 1825041
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

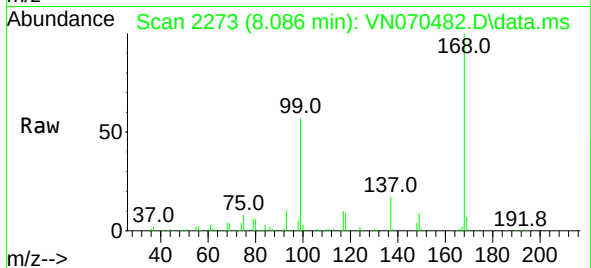
Tgt Ion:113 Resp: 560214
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.5 16.9 25.3



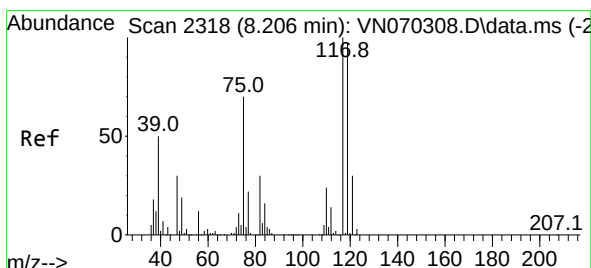
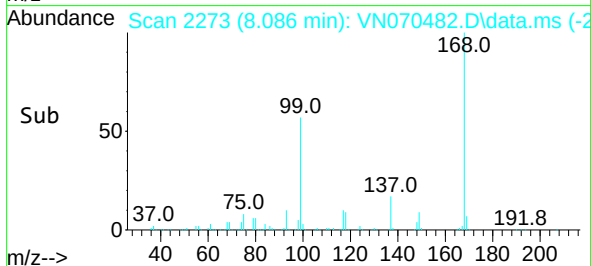
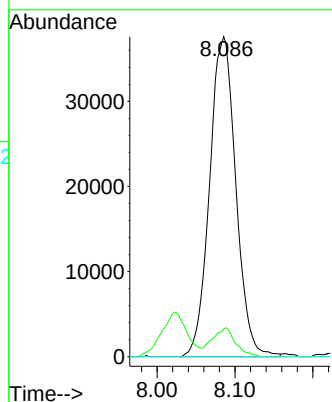


#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

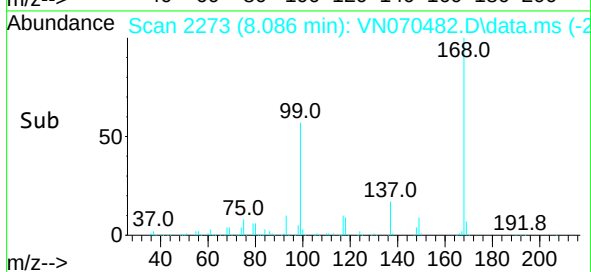
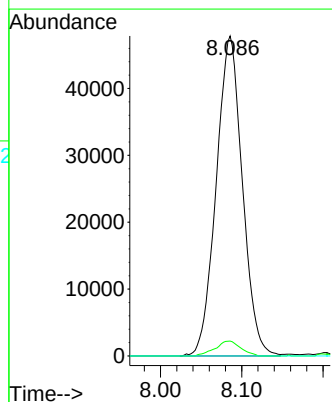
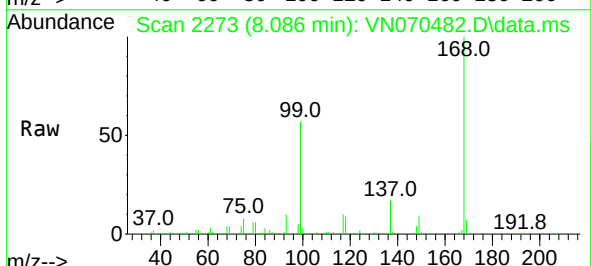


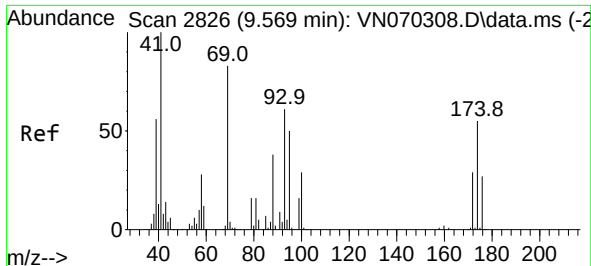
Tgt Ion: 75 Resp: 88005
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Tgt Ion: 117 Resp: 107103
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.226 ug/l

RT: 9.587 min Scan# 21

Delta R.T. 0.018 min

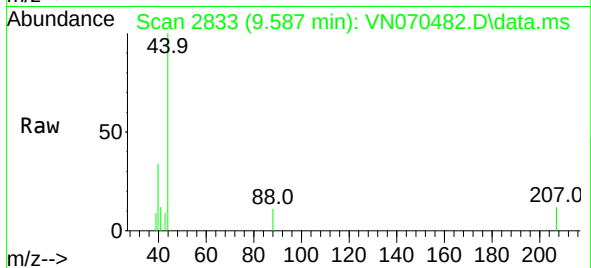
Lab File: VN070482.D

Acq: 5 Jan 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :



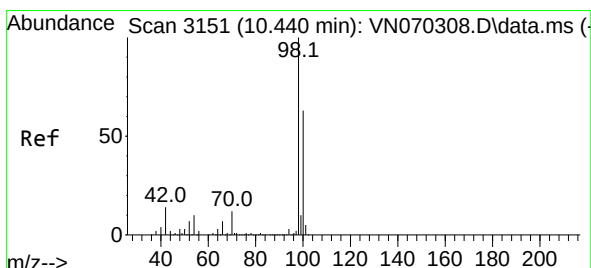
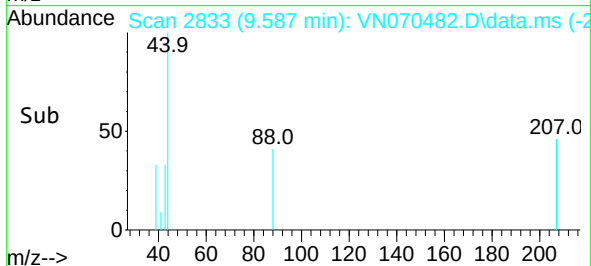
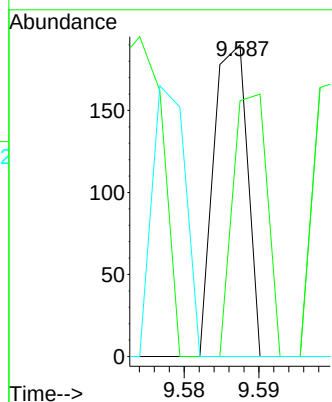
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 86.4 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 49.682 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070482.D

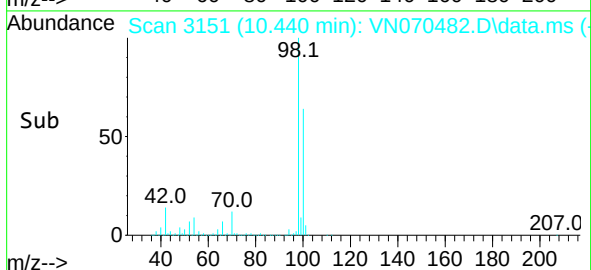
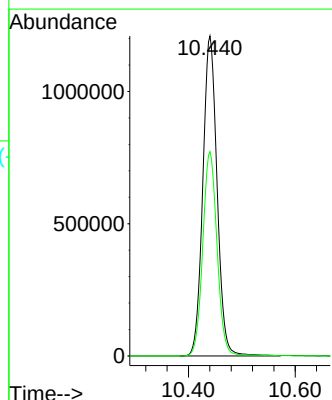
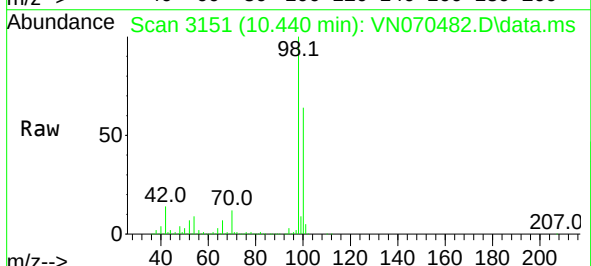
Acq: 5 Jan 2022 12:00

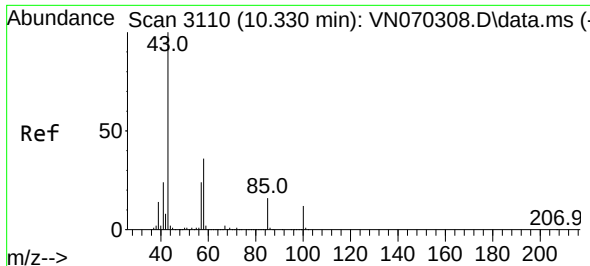
Tgt Ion: 98 Resp: 2241144

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6

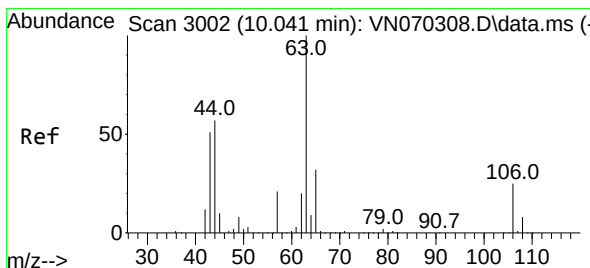
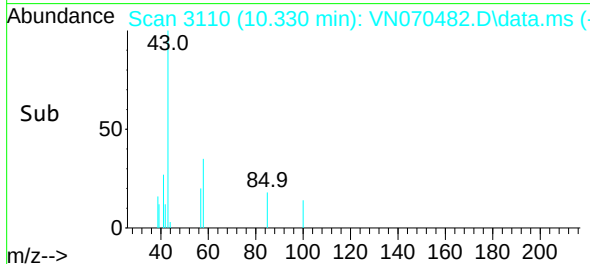
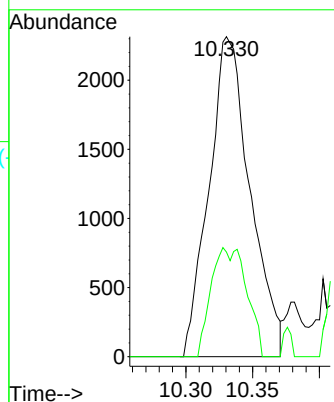
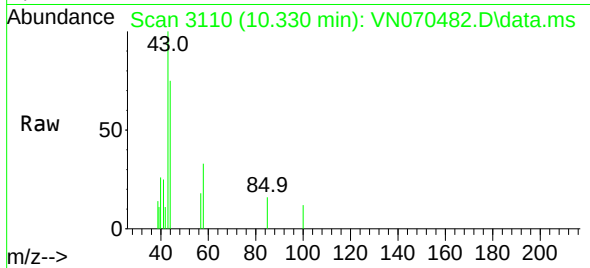




#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

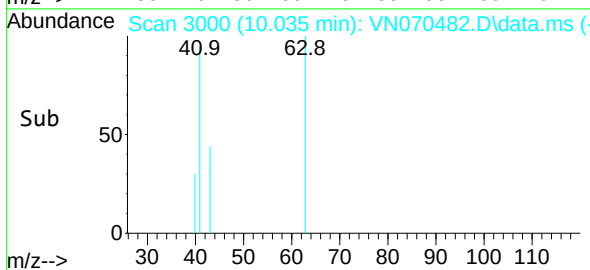
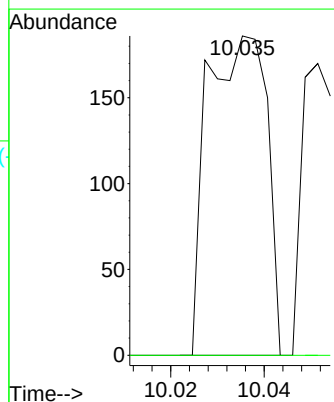
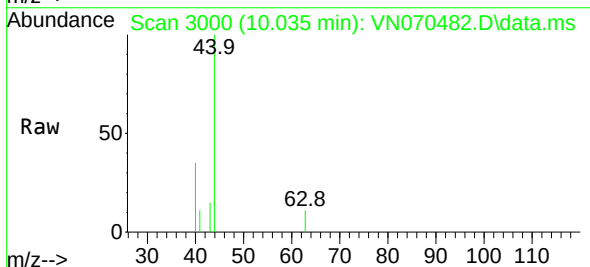
Instrument :
MSVOA_N
ClientSampleId :

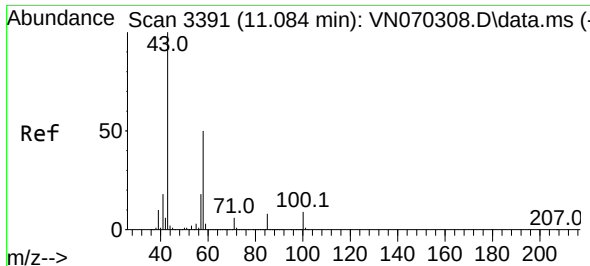
Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 16.3 30.4 45.6#



#58
2-Chloroethyl Vinyl ether
Concen: 18.540 ug/l
RT: 10.035 min Scan# 3000
Delta R.T. -0.006 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Tgt Ion: 63 Resp: 163
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

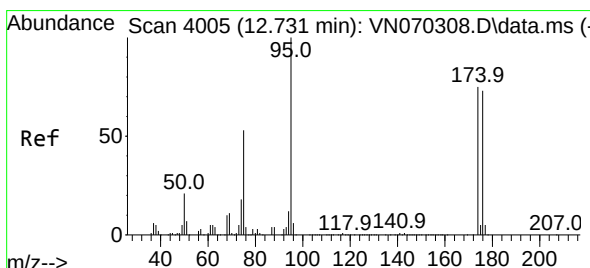
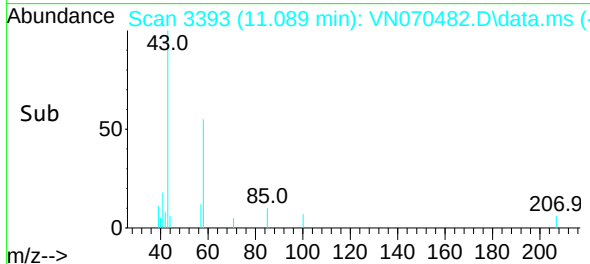
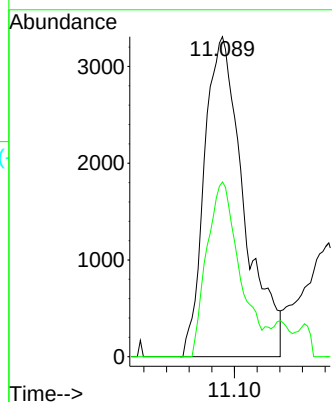
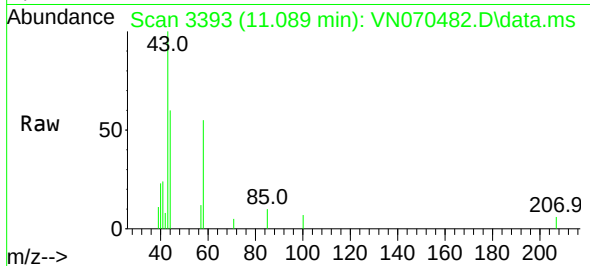




#59
2-Hexanone
Concen: 0.468 ug/l
RT: 11.089 min Scan# 3391
Delta R.T. 0.005 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

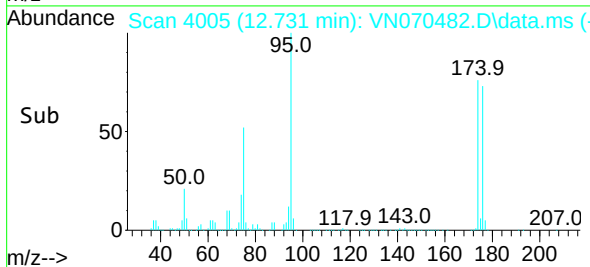
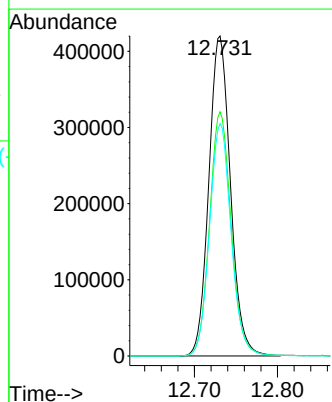
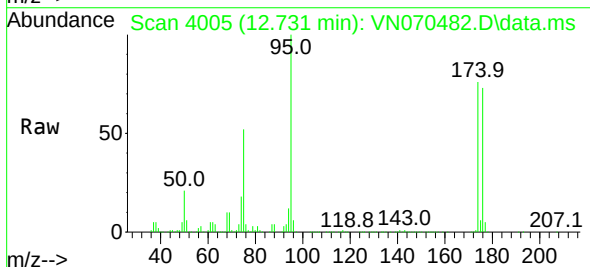
Instrument :
MSVOA_N
ClientSampleId :

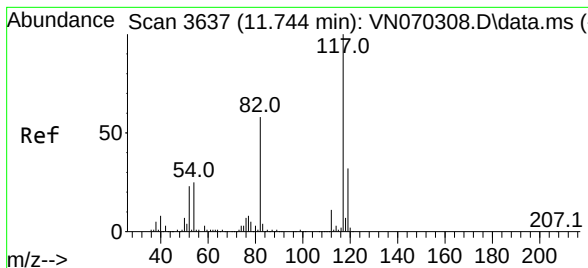
Tgt Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
58 45.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.627 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Tgt Ion: 95 Resp: 759679
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

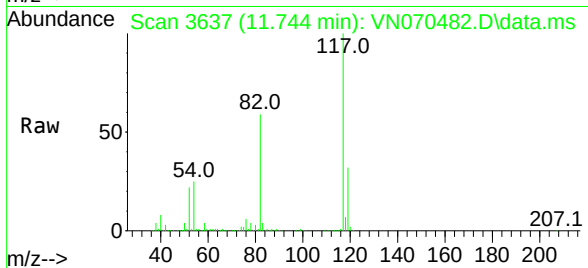
Lab File: VN070482.D

Acq: 5 Jan 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :



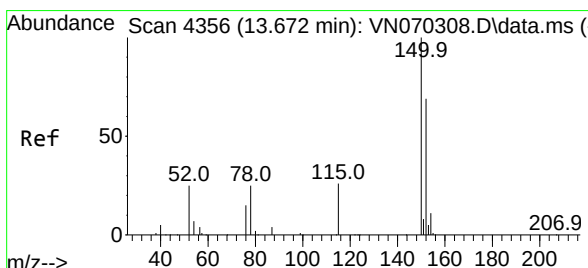
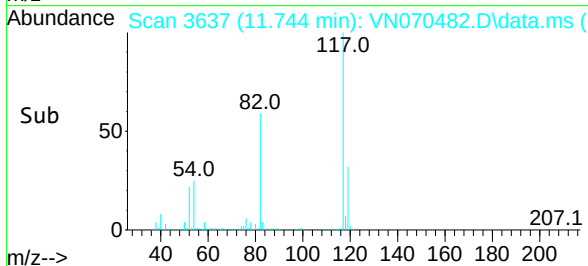
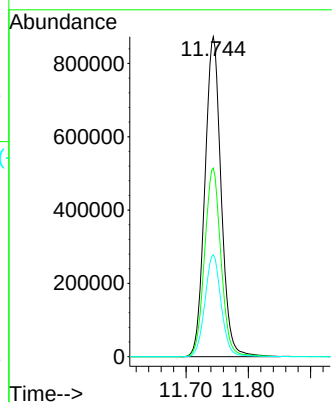
Tgt Ion:117 Resp: 1581271

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070482.D

Acq: 5 Jan 2022 12:00

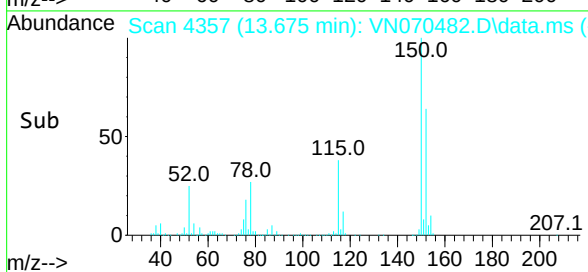
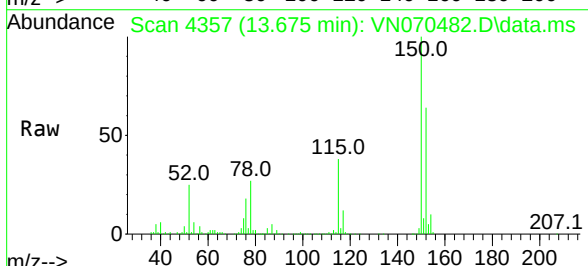
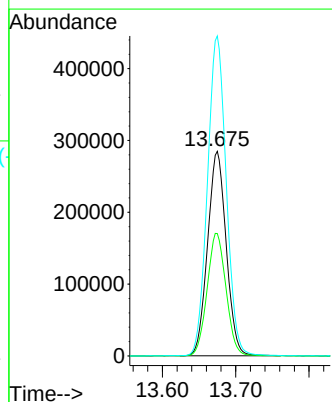
Tgt Ion:152 Resp: 503055

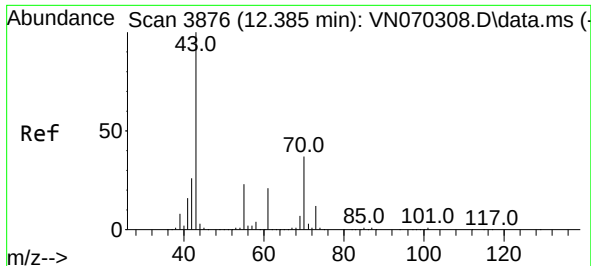
Ion Ratio Lower Upper

152 100

115 60.6 27.5 82.5

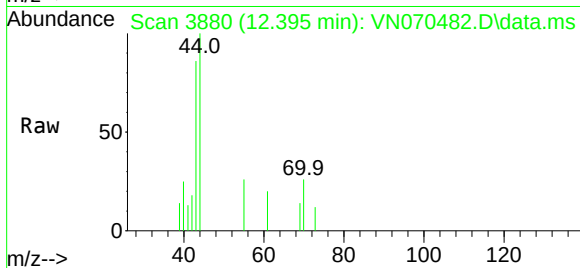
150 157.3 0.0 344.4



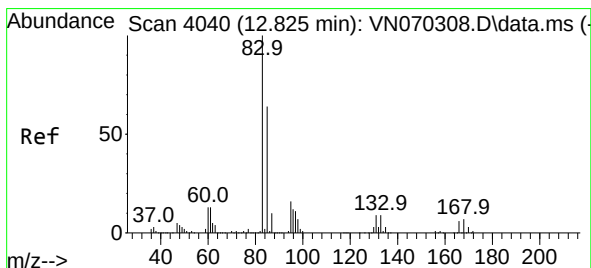
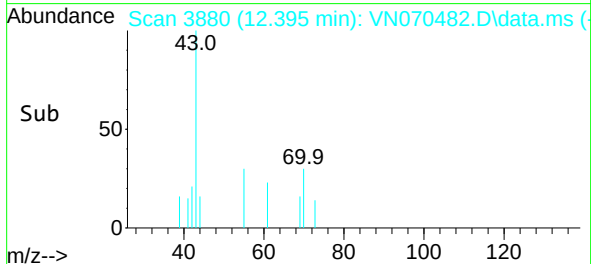
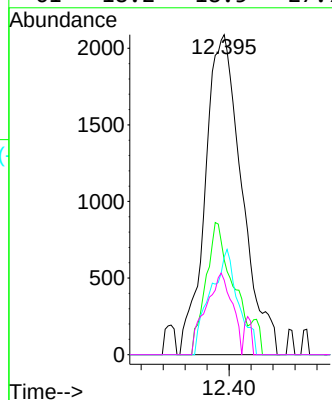


#74
N-ethyl acetate
Concen: 0.246 ug/l
RT: 12.395 min Scan# 3880
Delta R.T. 0.010 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :

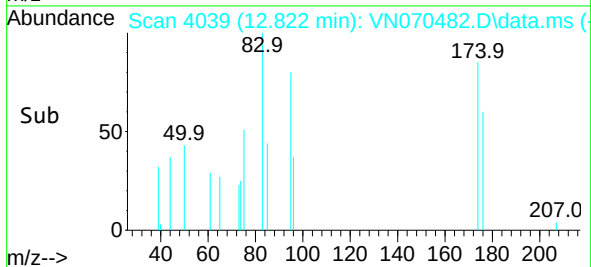
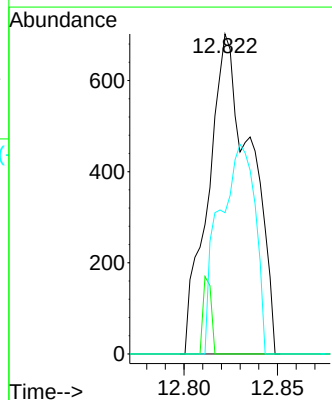
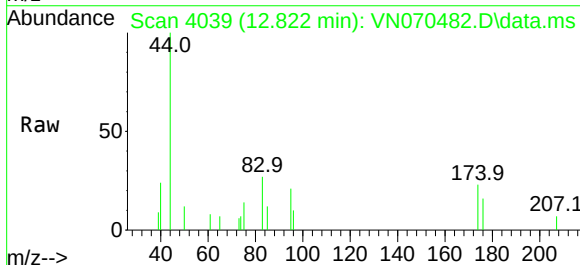


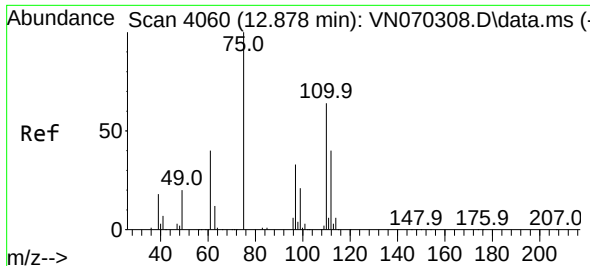
Tgt Ion:	43	Resp:	4832
Ion	Ratio	Lower	Upper
43	100		
70	30.2	33.4	50.0#
55	25.0	19.3	28.9
61	18.2	18.5	27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.512 ug/l
RT: 12.822 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

Tgt Ion:	83	Resp:	1116
Ion	Ratio	Lower	Upper
83	100		
131	4.6	5.5	16.5#
85	54.7	32.4	97.2

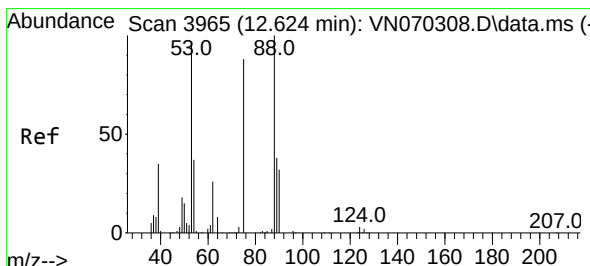
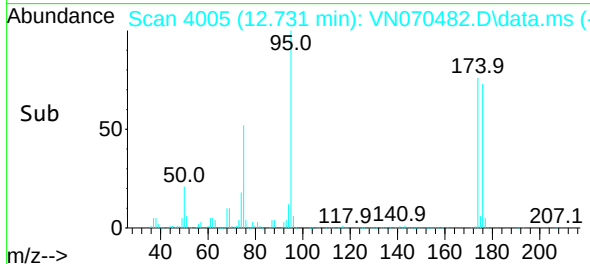
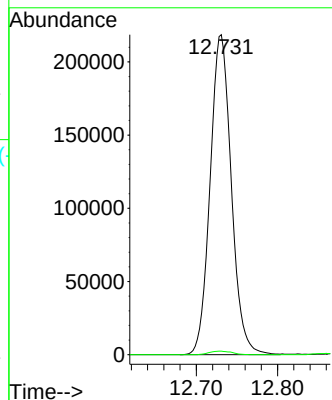
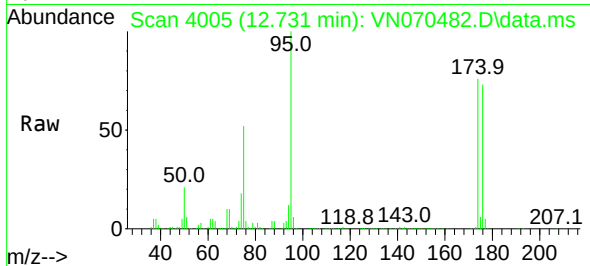




#76
1,2,3-Trichloropropane
Concen: 27.867 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

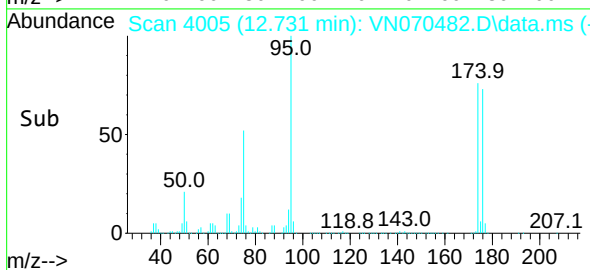
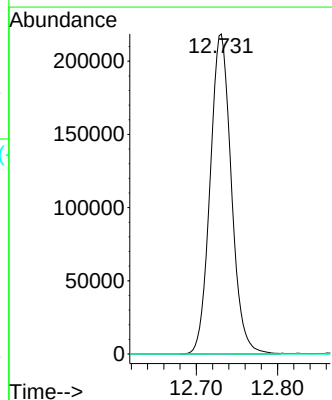
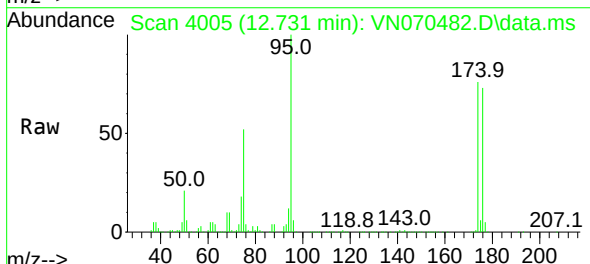
Instrument :
MSVOA_N
ClientSampleId :

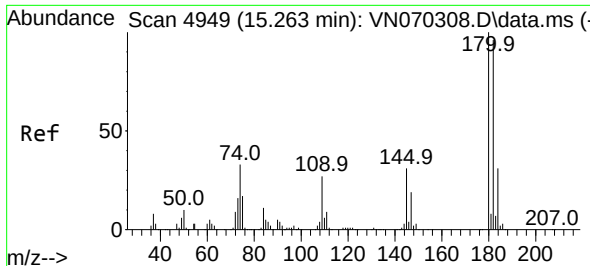
Tgt Ion: 75 Resp: 395958
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.166 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070482.D
Acq: 5 Jan 2022 12:00

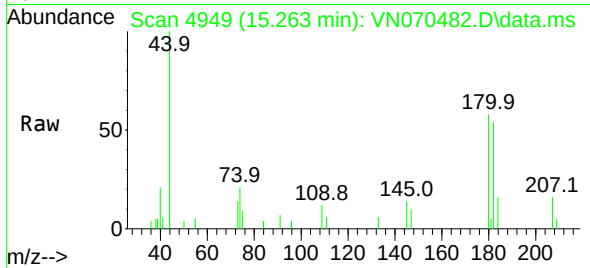
Tgt Ion: 75 Resp: 395958
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



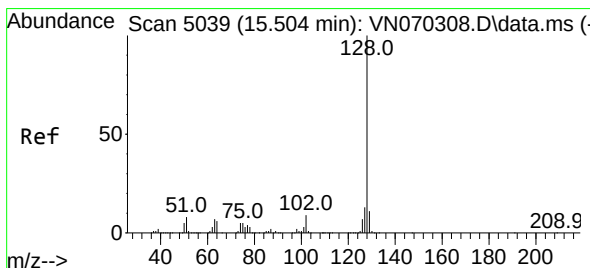
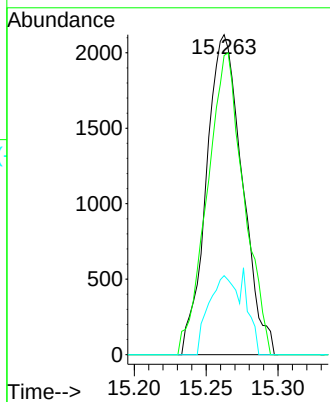
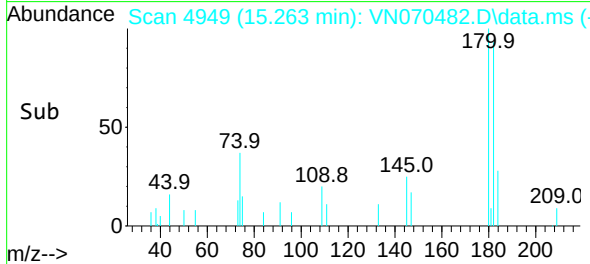


#93
 1,2,4-Trichlorobenzene
 Concen: 0.444 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070482.D
 Acq: 5 Jan 2022 12:00

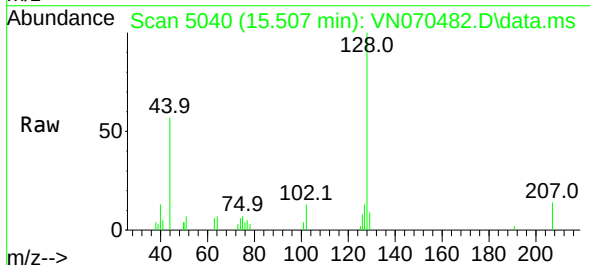
Instrument :
 MSVOA_N
 ClientSampleId :



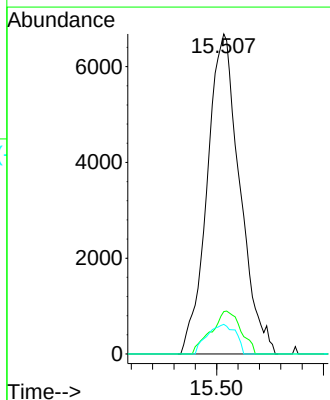
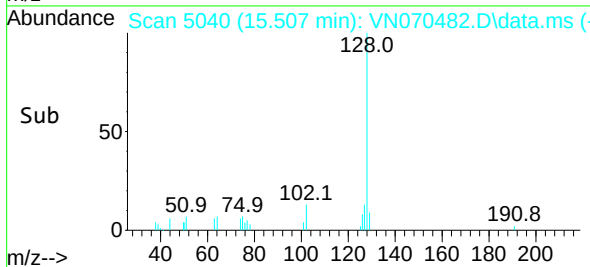
Tgt Ion:180 Resp: 3682
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.3 144.9
 145 19.1 14.5 43.5

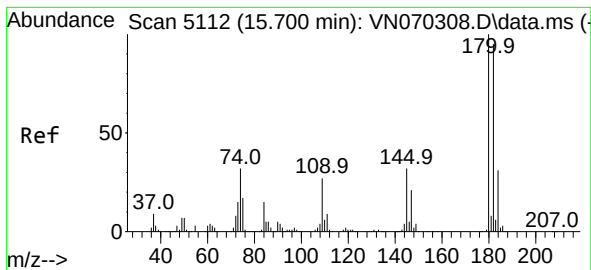


#95
 Naphthalene
 Concen: 2.393 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. 0.003 min
 Lab File: VN070482.D
 Acq: 5 Jan 2022 12:00



Tgt Ion:128 Resp: 14164
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.5 15.7
 129 8.1 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 1.299 ug/l

RT: 15.705 min Scan# 51

Delta R.T. 0.005 min

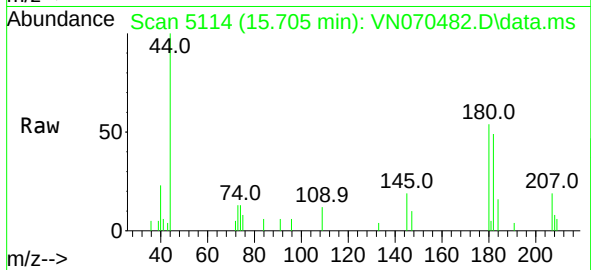
Lab File: VN070482.D

Acq: 5 Jan 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 3815

Ion Ratio Lower Upper

180 100

182 104.9 47.4 142.2

145 30.9 15.0 45.1

