

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070428.D
 Acq On : 3 Jan 2022 11:00
 Operator : JC/MD
 Sample : VN0103MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103MBL01

Quant Time: Jan 04 01:29:17 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)

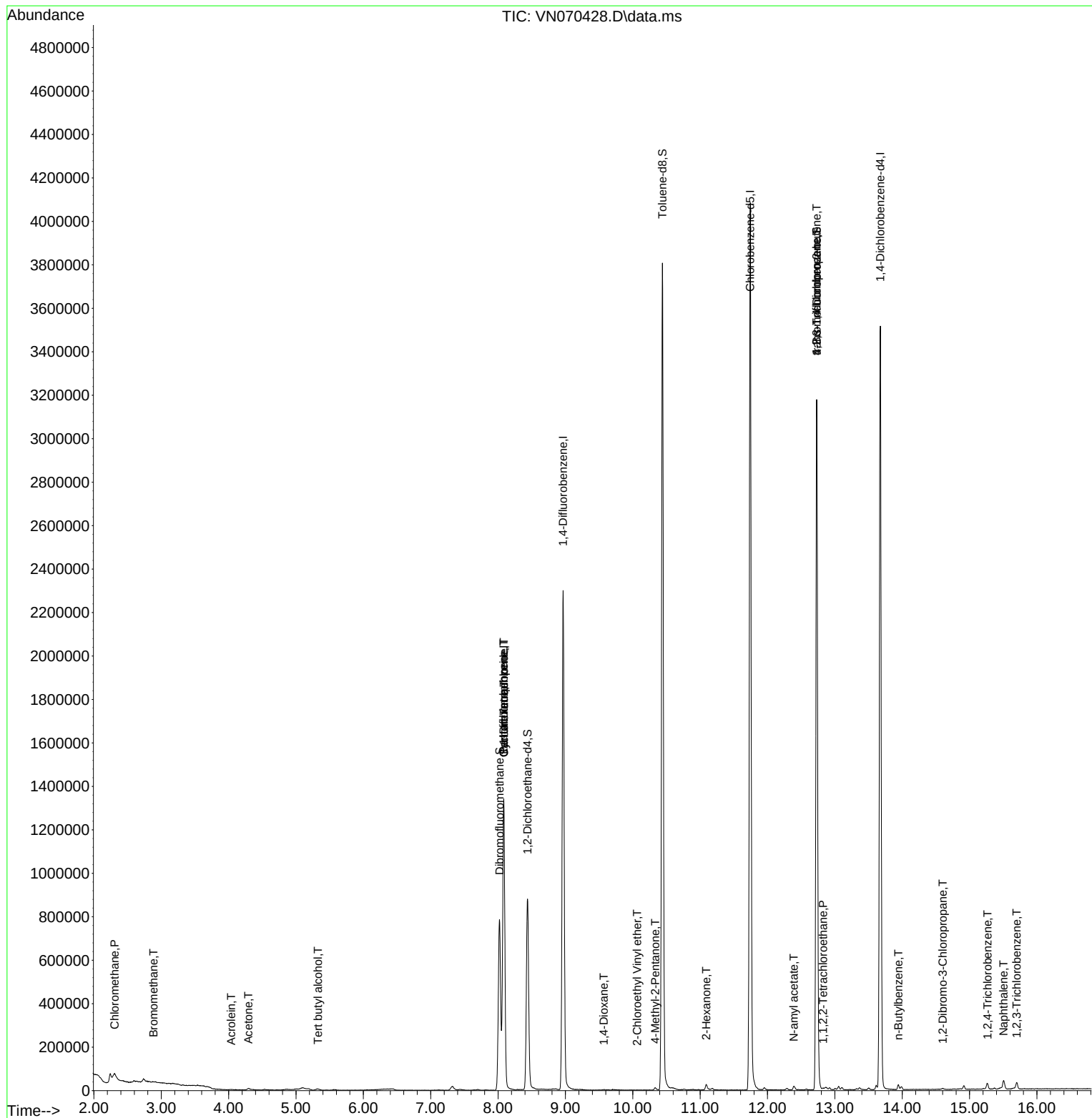
Internal Standards						
1) Pentafluorobenzene	8.083	168	1021061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1983956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2375648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	965105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	752226	51.238	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.480%	
35) Dibromofluoromethane	8.021	113	591995	49.317	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.640%	
50) Toluene-d8	10.440	98	2637156	53.779	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.731	95	1155156	65.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.440%	
Target Compounds						Qvalue
3) Chloromethane	2.309	50	3616	0.230	ug/l #	83
5) Bromomethane	2.883	94	3636	0.491	ug/l	92
11) Tert butyl alcohol	5.326	59	2862	1.171	ug/l #	71
13) Acrolein	4.039	56	965	0.487	ug/l #	24
16) Acetone	4.293	43	10279	1.079	ug/l	93
31) Cyclohexane	8.086	56	23677	1.022	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	83413	4.201	ug/l #	48
38) Carbon Tetrachloride	8.086	117	101335	5.344	ug/l #	16
49) 1,4-Dioxane	9.569	88	636	2.245	ug/l #	23
51) 4-Methyl-2-Pentanone	10.336	43	9309	0.365	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.065	63	24	18.517	ug/l #	45
59) 2-Hexanone	11.089	43	22244	1.196	ug/l	94
74) N-amyl acetate	12.390	43	11171	0.296	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	2341	0.518	ug/l #	91
76) 1,2,3-Trichloropropane	12.731	75	598421	22.533	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	598421	75.757	ug/l #	5
89) n-Butylbenzene	13.943	91	12888	0.229	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1673	0.322	ug/l	64
93) 1,2,4-Trichlorobenzene	15.268	180	9813	0.617	ug/l	97
95) Naphthalene	15.504	128	47090	2.829	ug/l	95
96) 1,2,3-Trichlorobenzene	15.700	180	11728	1.584	ug/l	92

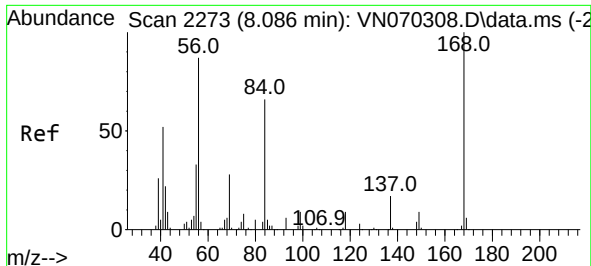
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070428.D
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

Quant Time: Jan 04 01:29:17 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

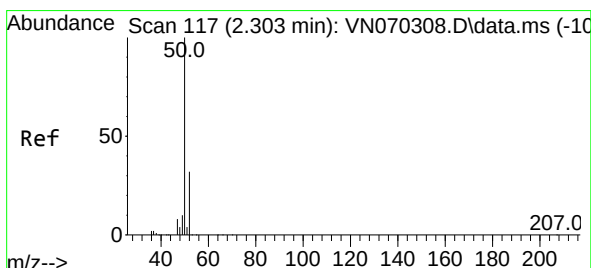
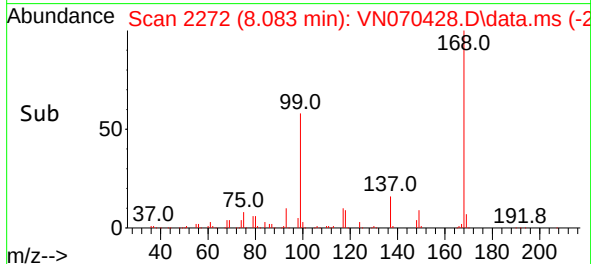
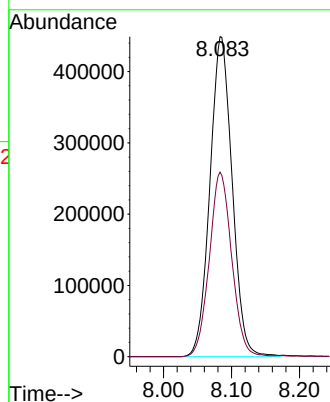
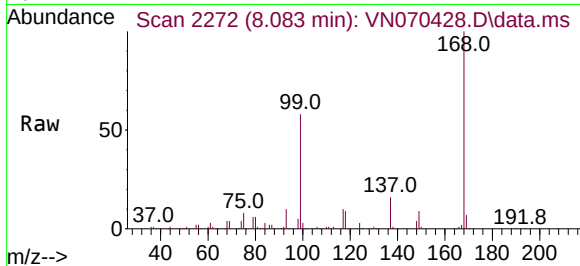




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

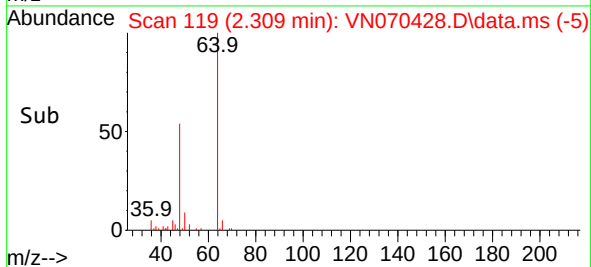
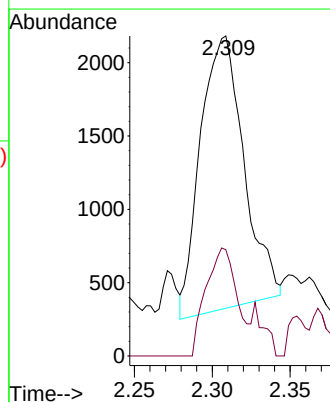
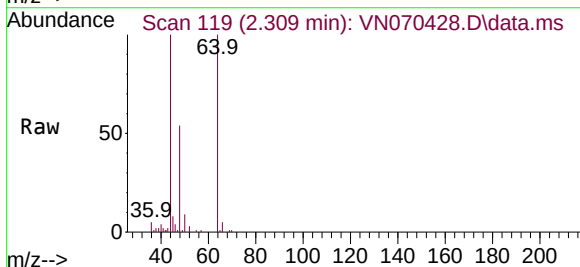
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

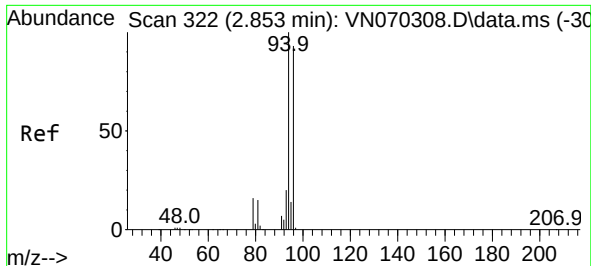
Tgt Ion:168 Resp: 1021061
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 50 Resp: 3616
Ion Ratio Lower Upper
50 100
52 41.0 25.4 38.0#

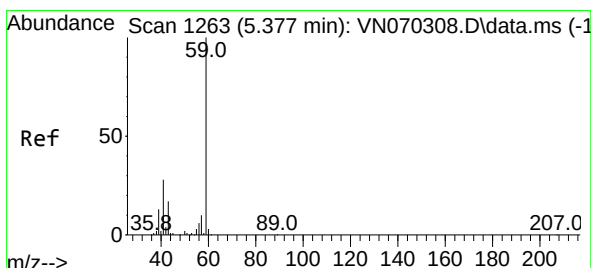
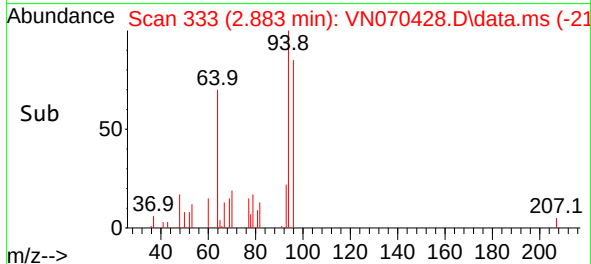
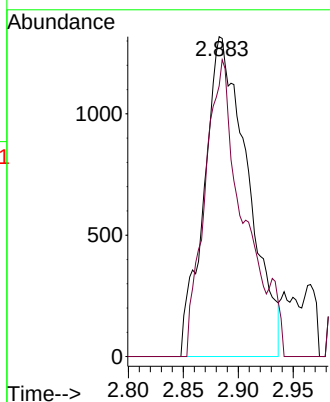
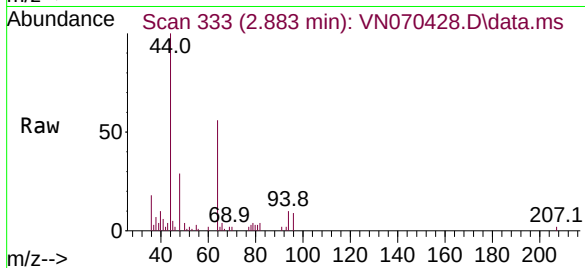




#5
Bromomethane
Concen: 0.491 ug/l
RT: 2.883 min Scan# 31
Delta R.T. 0.030 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

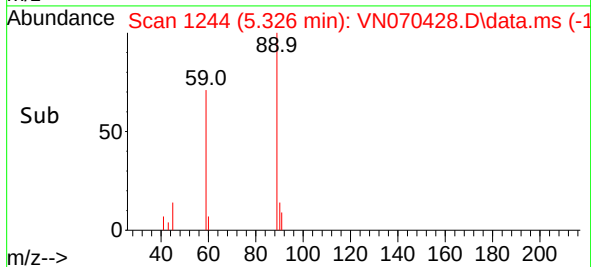
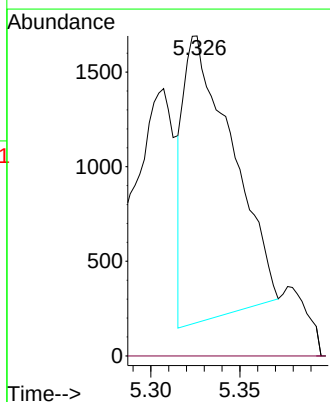
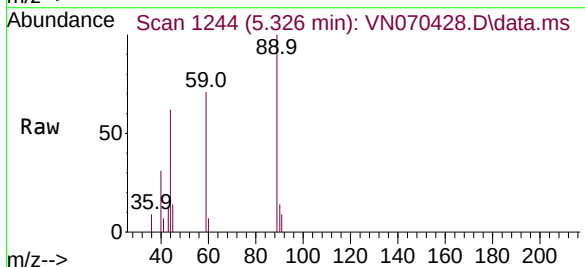
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

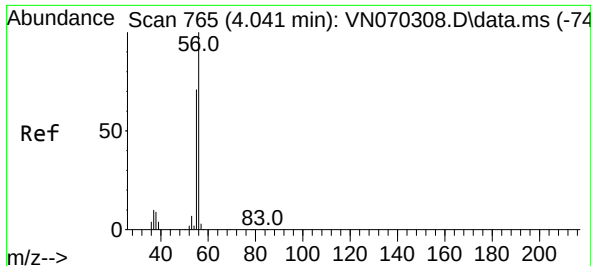
Tgt Ion: 94 Resp: 3636
Ion Ratio Lower Upper
94 100
96 84.6 73.8 110.8



#11
Tert butyl alcohol
Concen: 1.171 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.051 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 59 Resp: 2862
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

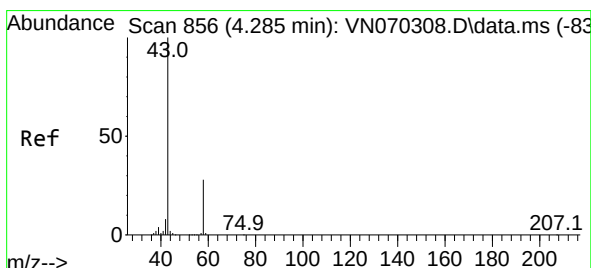
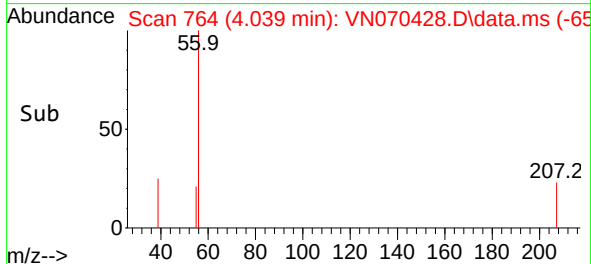
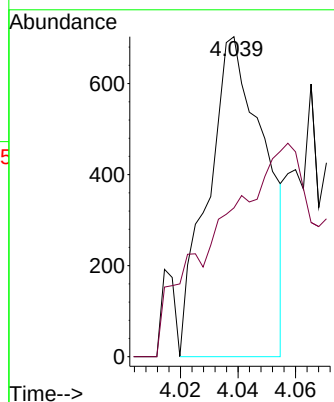
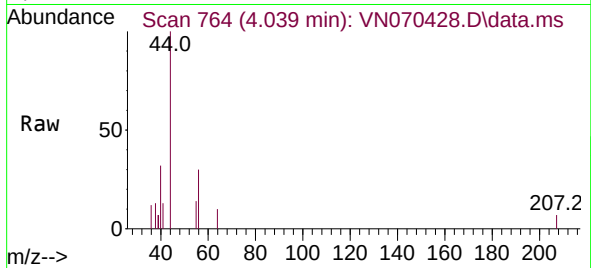




#13
Acrolein
Concen: 0.487 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

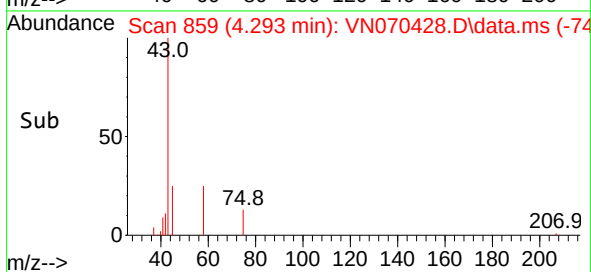
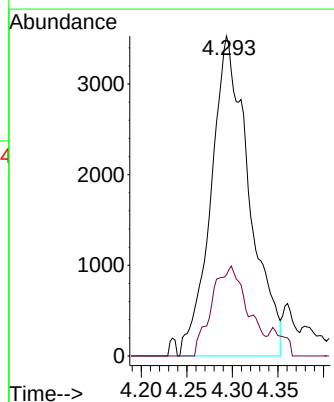
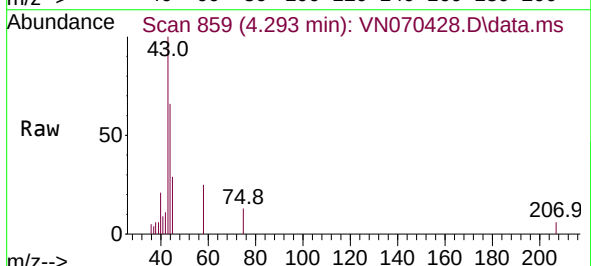
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

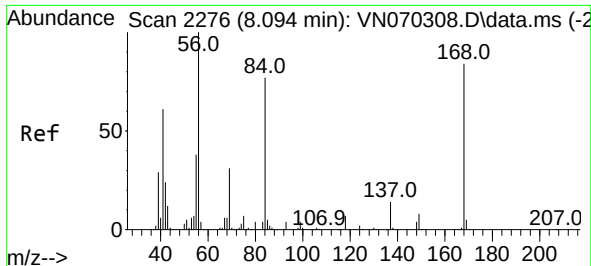
Tgt Ion: 56 Resp: 965
Ion Ratio Lower Upper
56 100
55 133.2 56.6 85.0#



#16
Acetone
Concen: 1.079 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 43 Resp: 10279
Ion Ratio Lower Upper
43 100
58 25.3 23.1 34.7

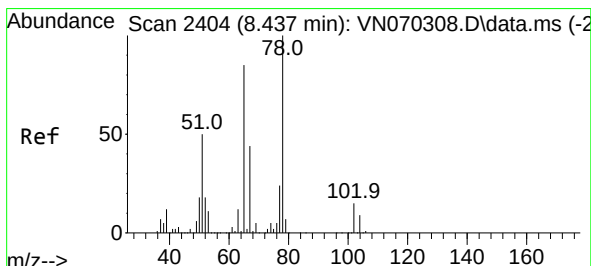
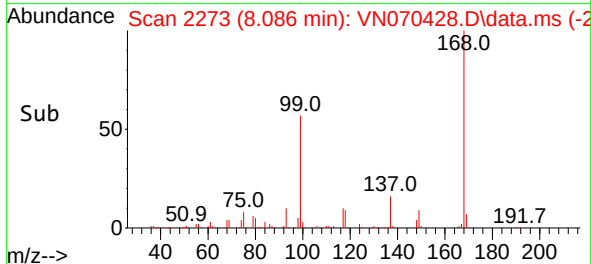
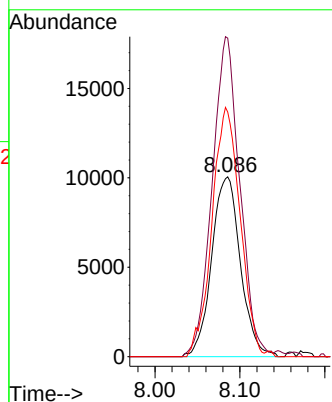
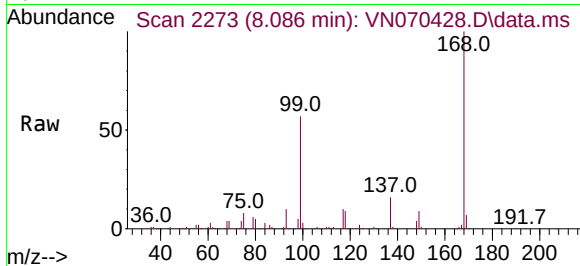




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

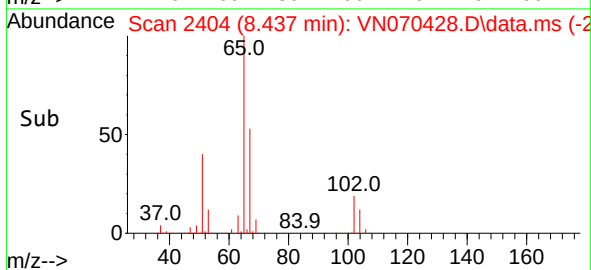
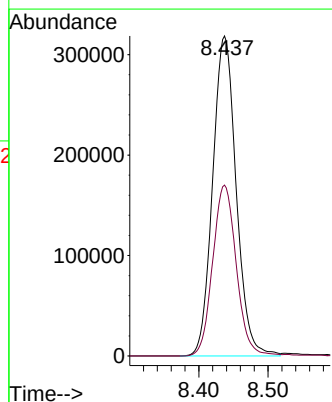
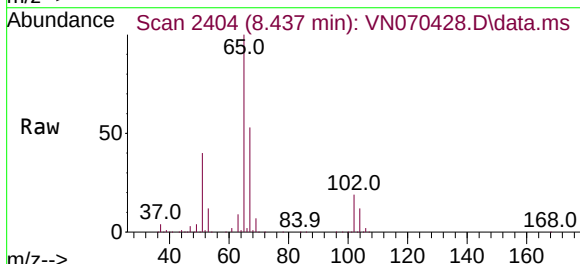
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

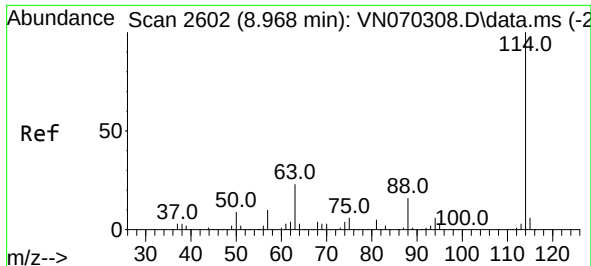
Tgt Ion: 56 Resp: 23677
Ion Ratio Lower Upper
56 100
69 177.2 27.1 40.7#
84 136.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.238 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 65 Resp: 752226
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN070428.D

Acq: 3 Jan 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0103MBL01

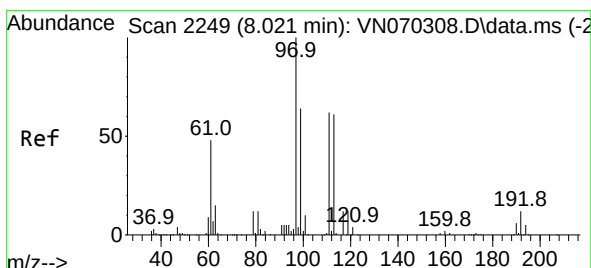
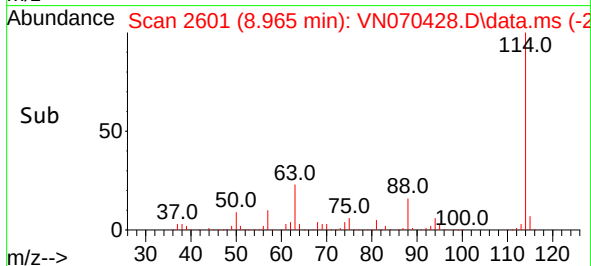
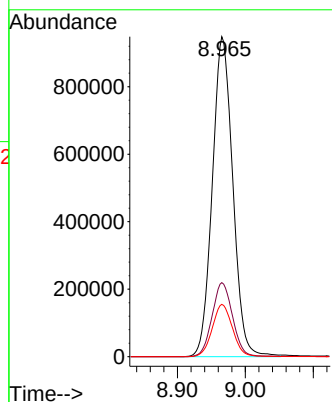
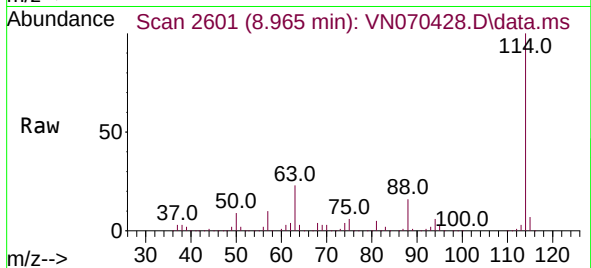
Tgt Ion:114 Resp: 1983956

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.317 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070428.D

Acq: 3 Jan 2022 11:00

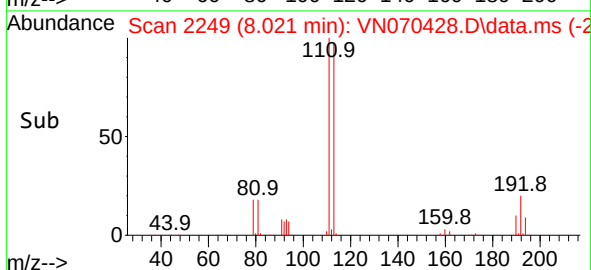
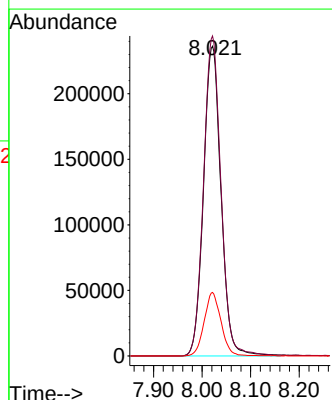
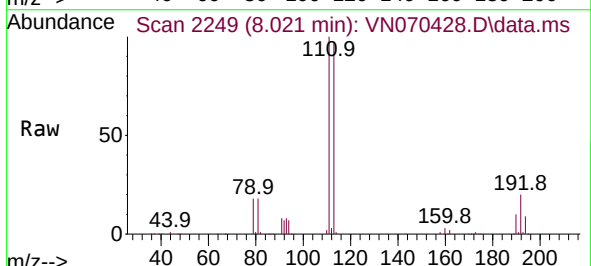
Tgt Ion:113 Resp: 591995

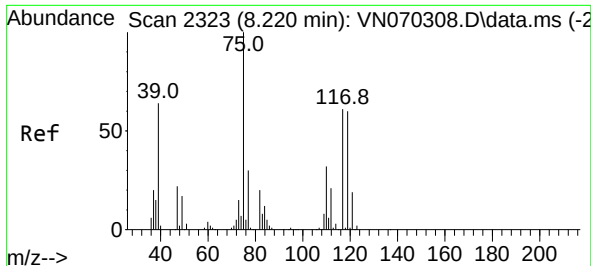
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.7 16.9 25.3

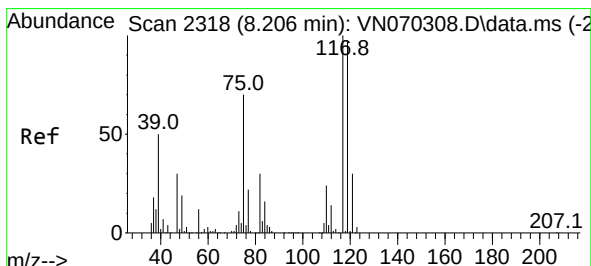
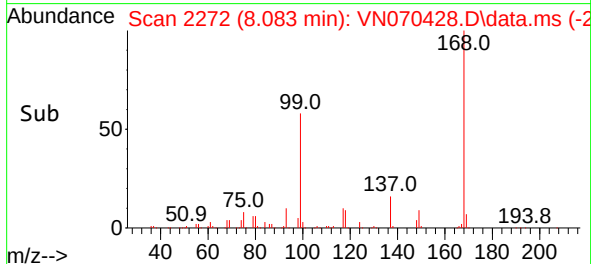
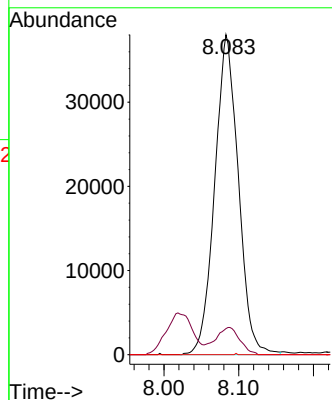
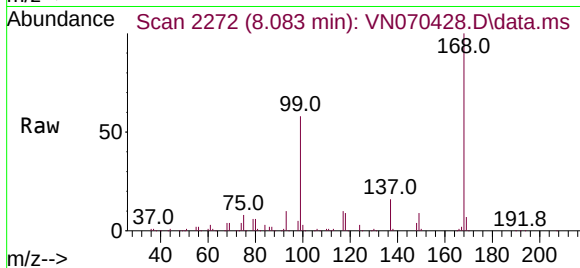




#36
 1,1-Dichloropropene
 Concen: 4.201 ug/l
 RT: 8.083 min Scan# 211
 Delta R.T. -0.137 min
 Lab File: VN070428.D
 Acq: 3 Jan 2022 11:00

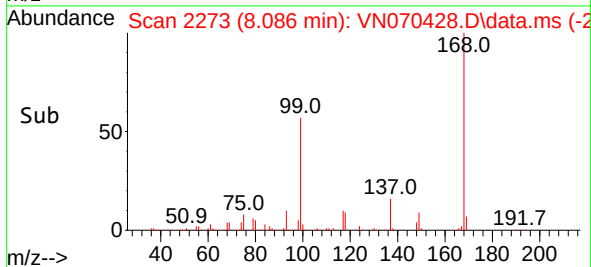
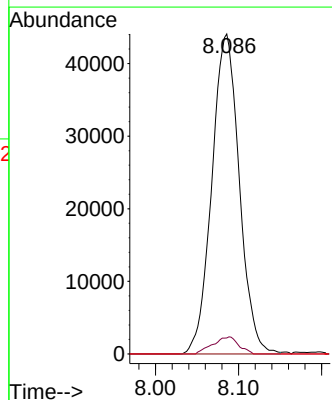
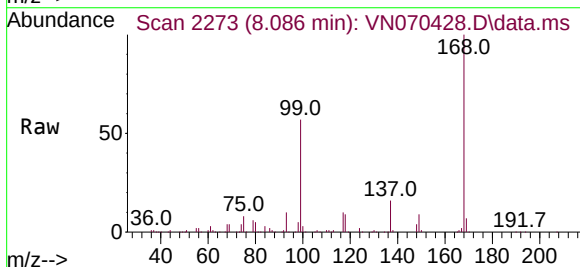
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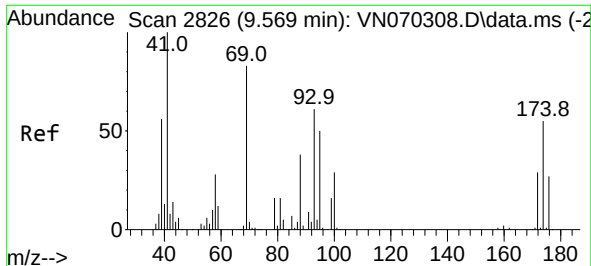
Tgt Ion: 75 Resp: 83413
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.344 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070428.D
 Acq: 3 Jan 2022 11:00

Tgt Ion: 117 Resp: 101335
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 2.245 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070428.D

Acq: 3 Jan 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0103MBL01

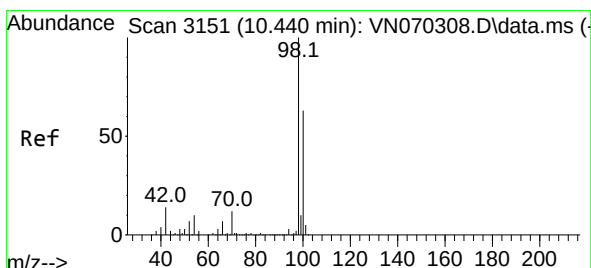
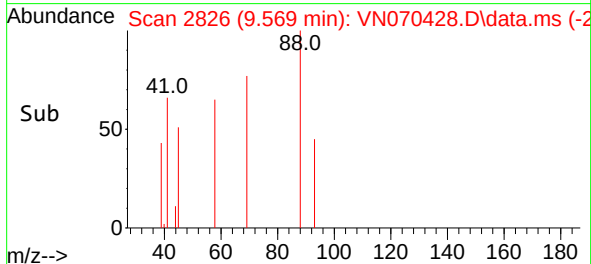
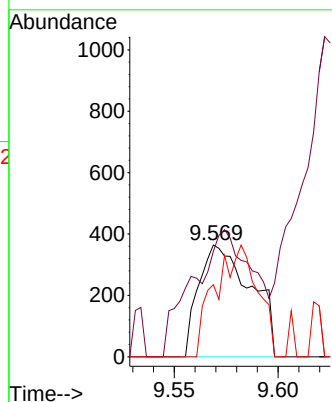
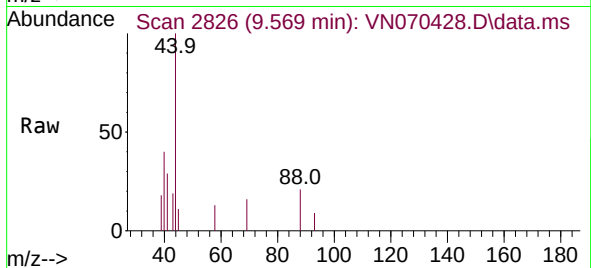
Tgt Ion: 88 Resp: 636

Ion Ratio Lower Upper

88 100

43 132.2 23.4 35.2#

58 81.1 50.6 75.8#



#50

Toluene-d8

Concen: 53.779 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070428.D

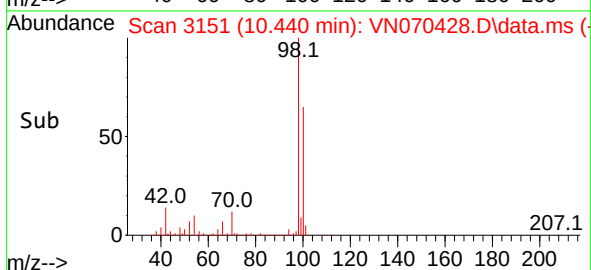
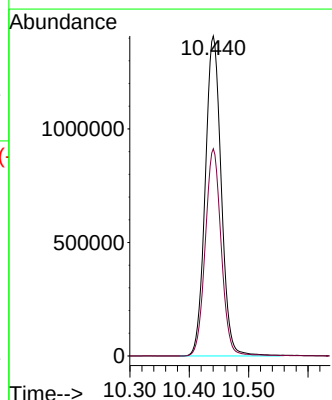
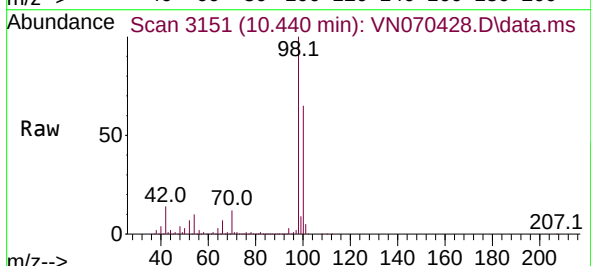
Acq: 3 Jan 2022 11:00

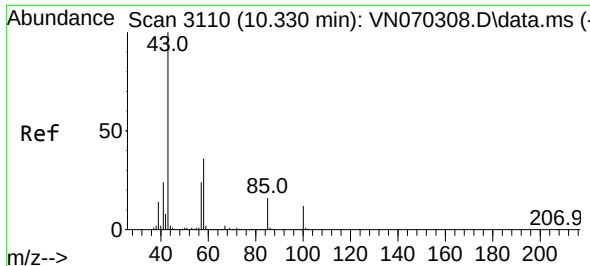
Tgt Ion: 98 Resp: 2637156

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

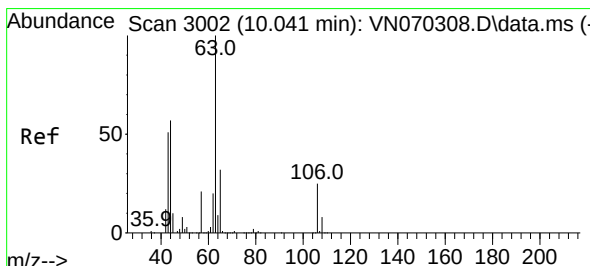
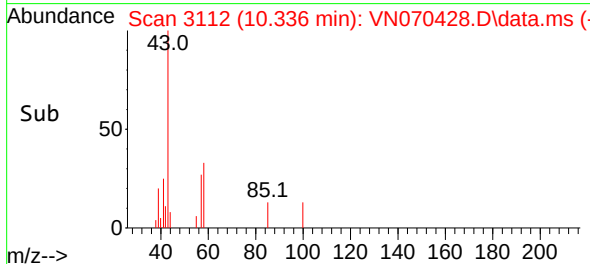
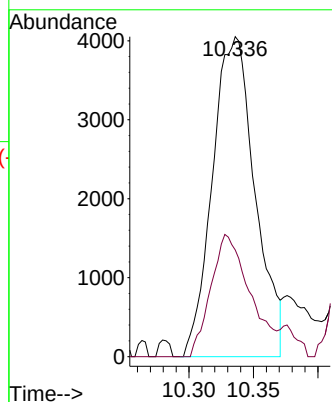
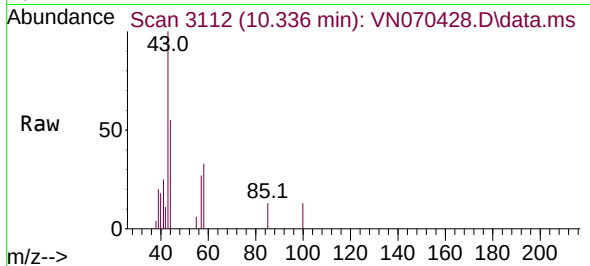




#51
4-Methyl-2-Pentanone
Concen: 0.365 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

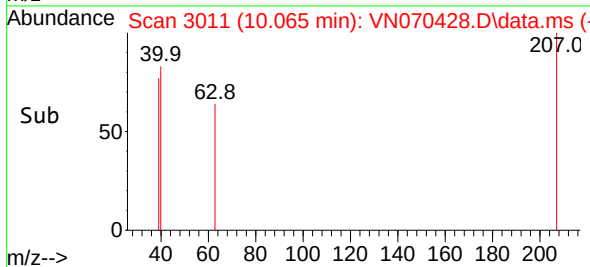
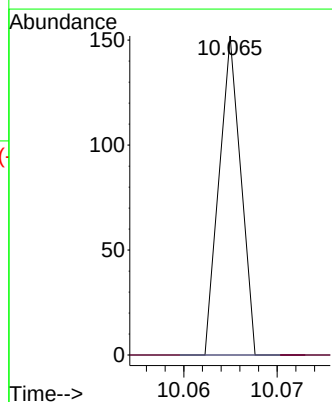
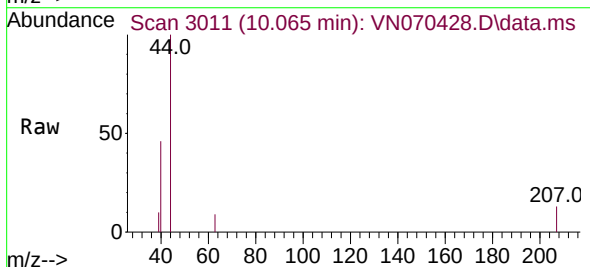
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

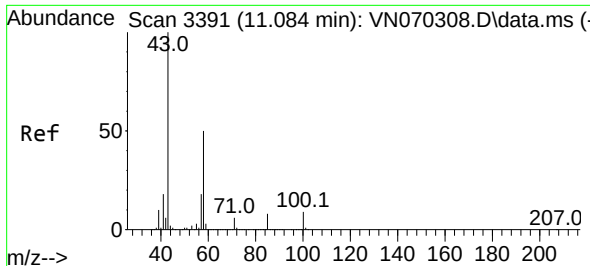
Tgt Ion: 43 Resp: 9309
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.517 ug/l
RT: 10.065 min Scan# 3011
Delta R.T. 0.024 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

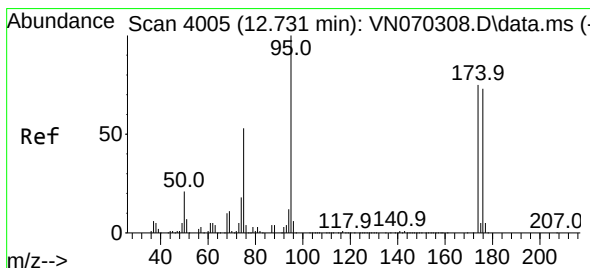
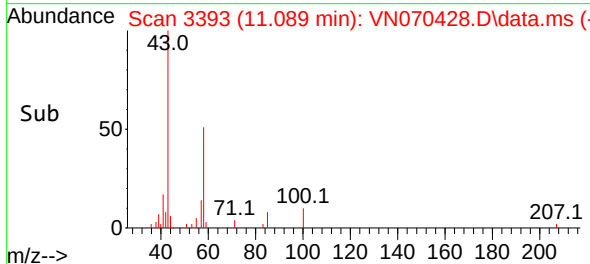
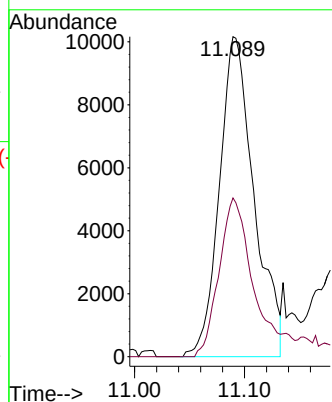
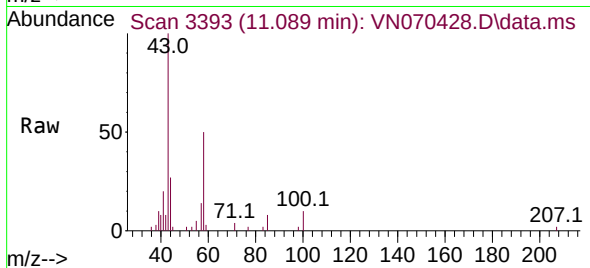




#59
2-Hexanone
Concen: 1.196 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

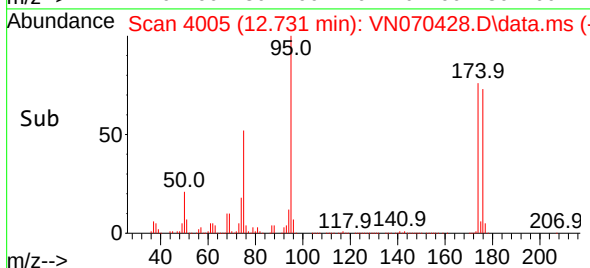
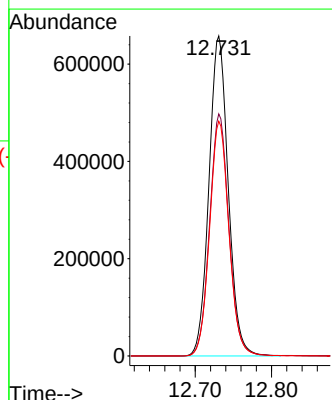
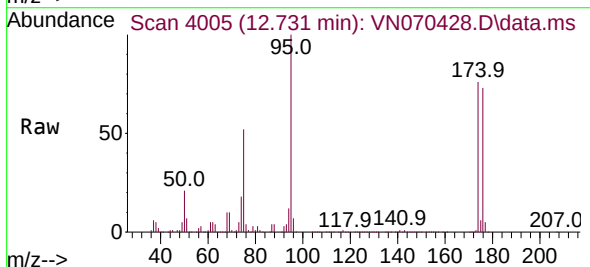
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

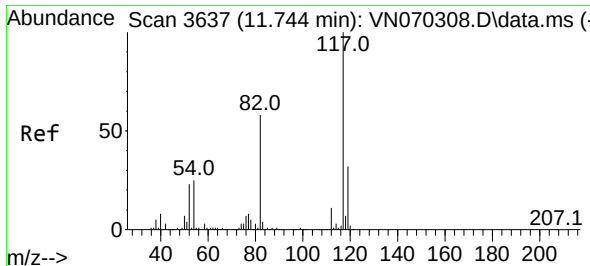
Tgt Ion: 43 Resp: 22244
Ion Ratio Lower Upper
43 100
58 49.8 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 65.222 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 95 Resp: 1155156
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.5 0.0 181.4

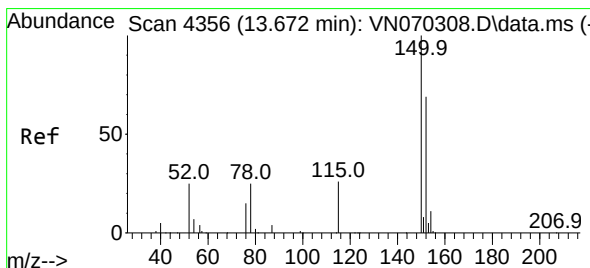
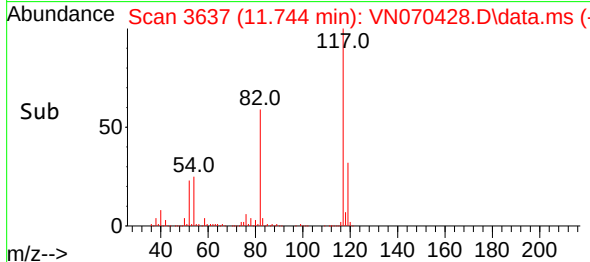
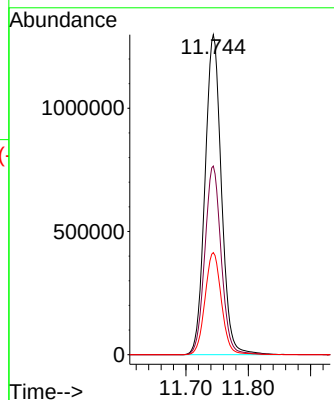
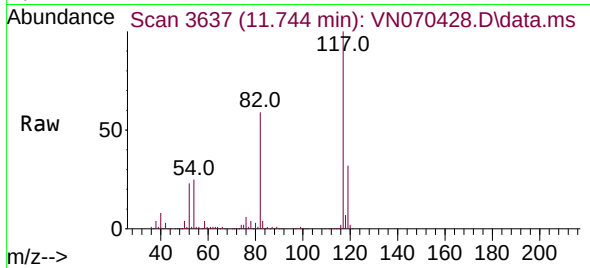




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

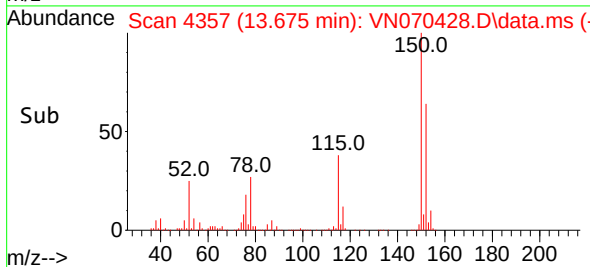
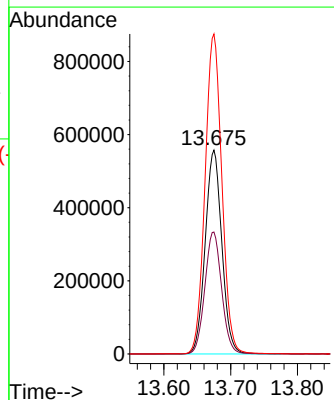
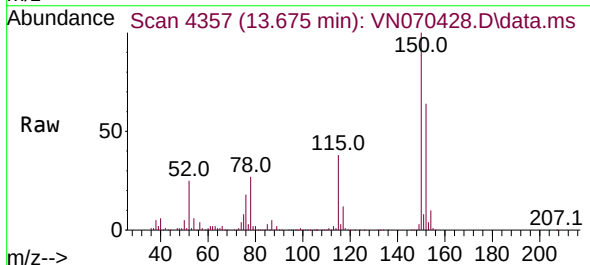
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

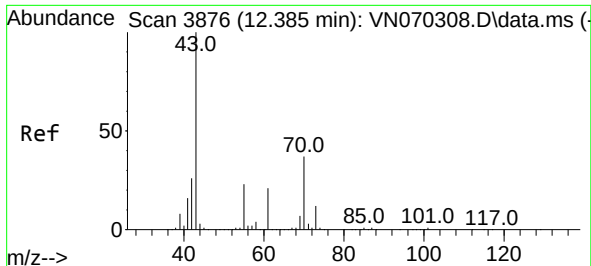
Tgt Ion:117 Resp: 2375648
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion:152 Resp: 965105
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 158.0 0.0 344.4

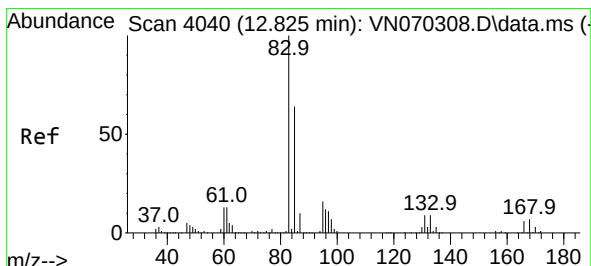
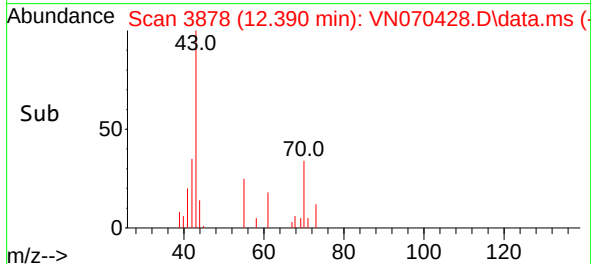
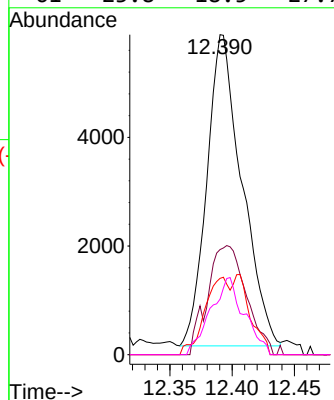
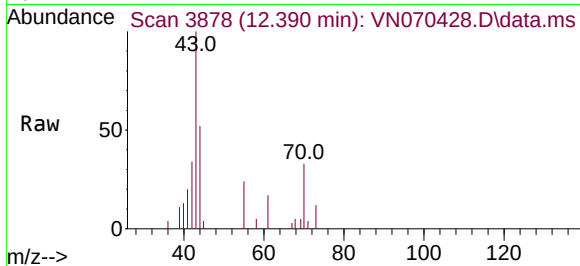




#74
N-amy1 acetate
Concen: 0.296 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

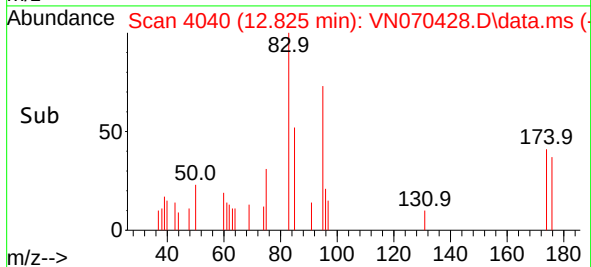
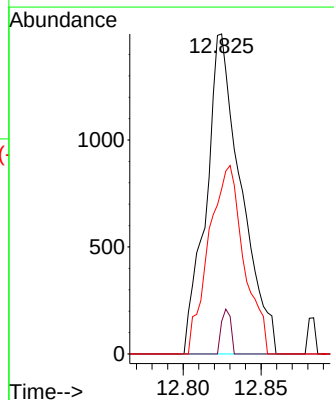
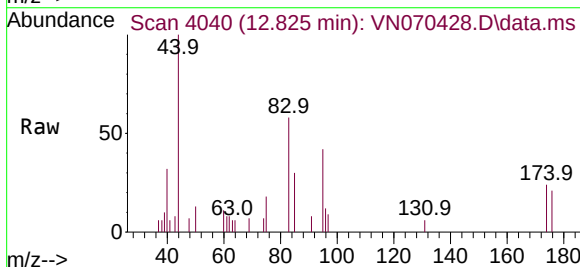
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

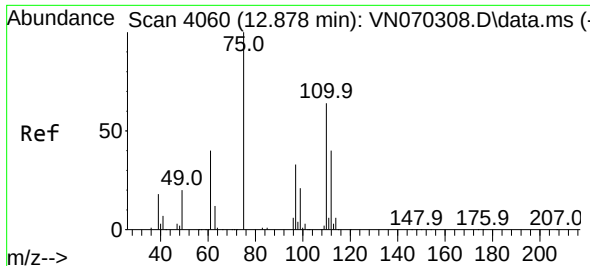
Tgt Ion:	43	Resp:	11171
Ion	Ratio	Lower	Upper
43	100		
70	39.0	33.4	50.0
55	17.6	19.3	28.9#
61	23.8	18.5	27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.518 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion:	83	Resp:	2341
Ion	Ratio	Lower	Upper
83	100		
131	3.7	5.5	16.5#
85	59.0	32.4	97.2

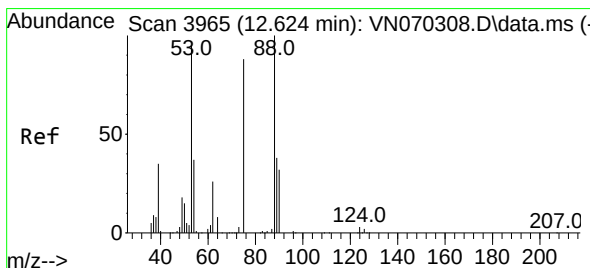
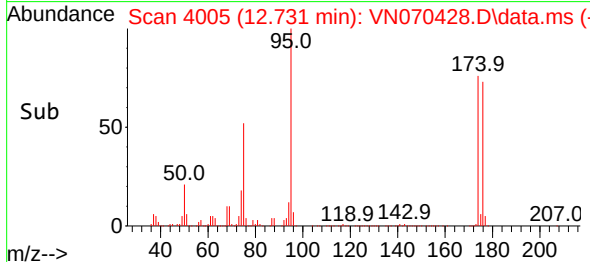
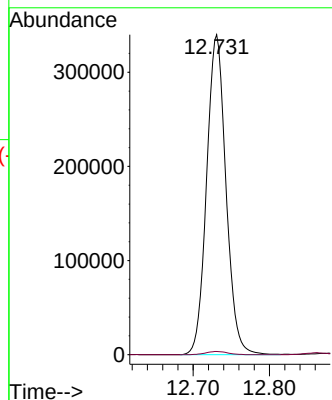
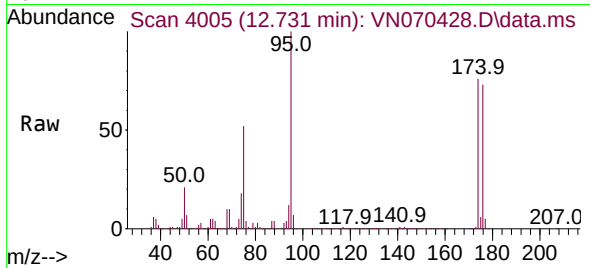




#76
1,2,3-Trichloropropane
Concen: 22.533 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

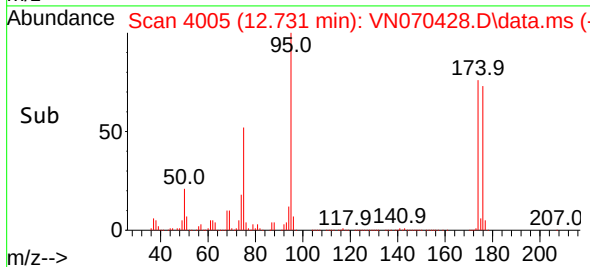
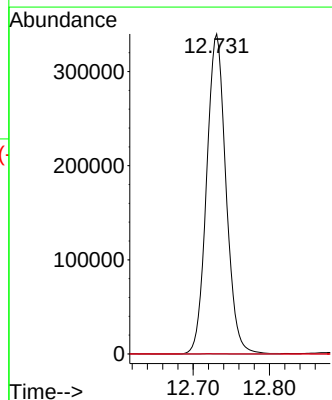
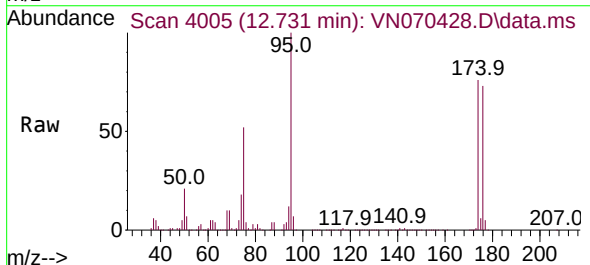
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

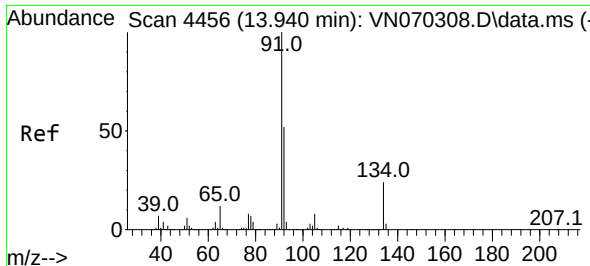
Tgt Ion: 75 Resp: 598421
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.757 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 75 Resp: 598421
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

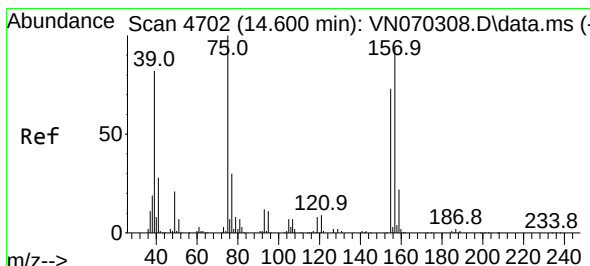
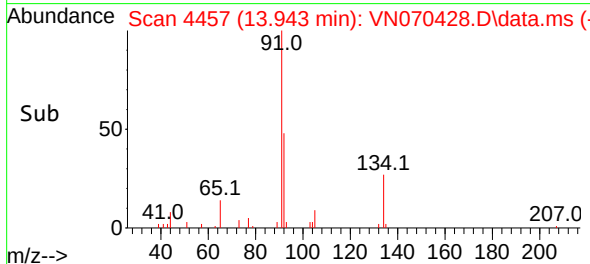
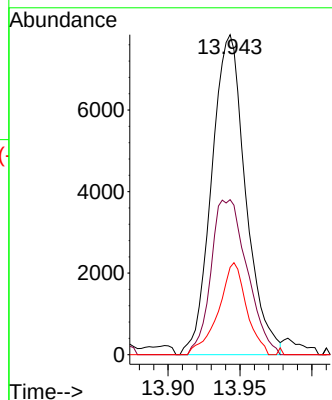
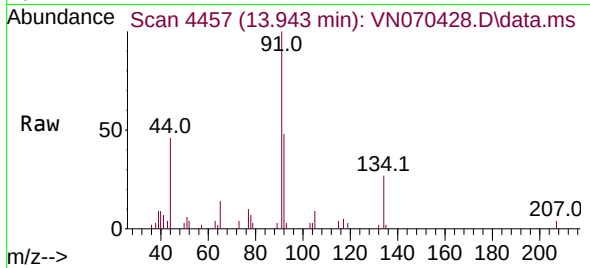




#89
n-Butylbenzene
Concen: 0.229 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

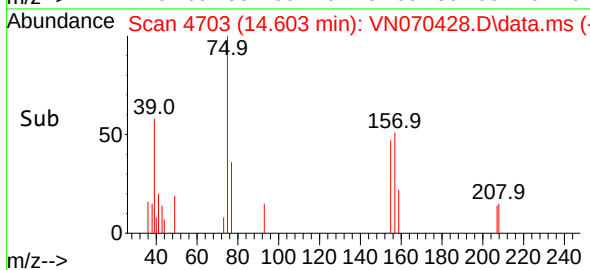
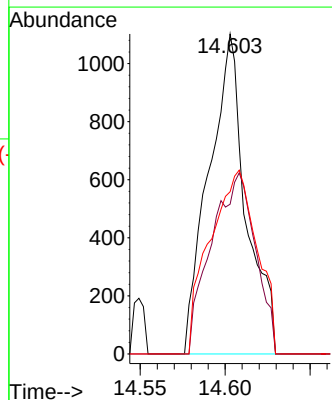
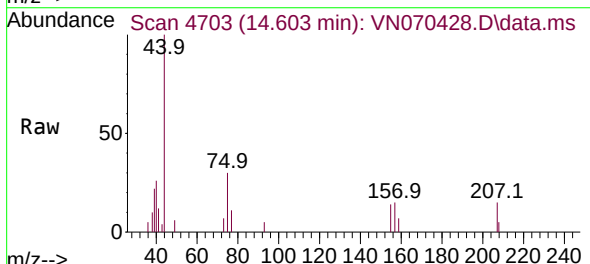
Instrument :
MSVOA_N
ClientSampleId :
VN0103MBL01

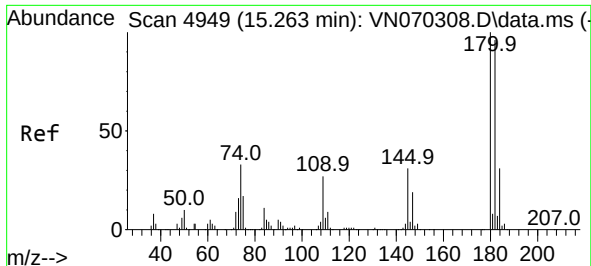
Tgt Ion: 91 Resp: 12888
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 23.7 13.6 40.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.322 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070428.D
Acq: 3 Jan 2022 11:00

Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
155 67.6 46.9 140.7
157 73.1 60.6 181.7

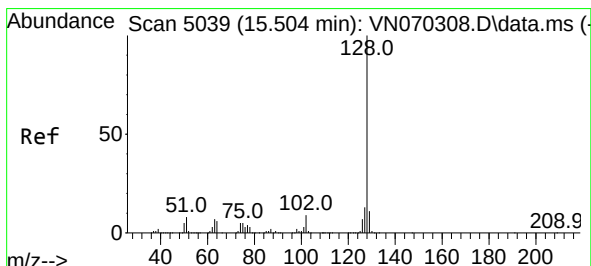
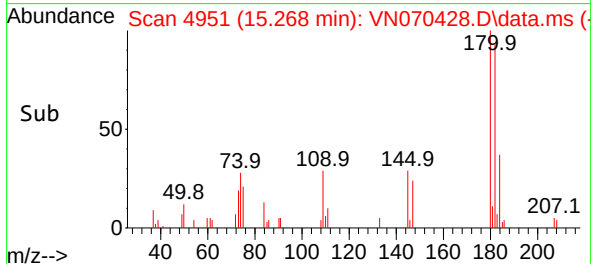
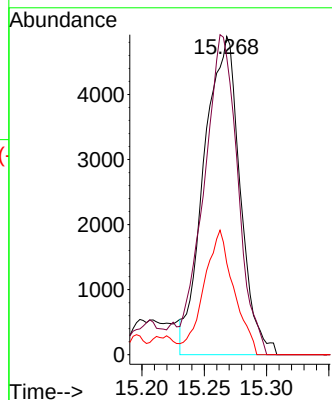
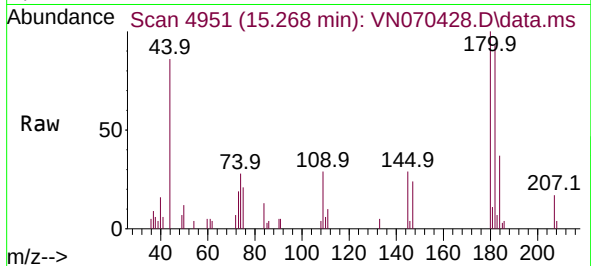




#93
 1,2,4-Trichlorobenzene
 Concen: 0.617 ug/l
 RT: 15.268 min Scan# 4949
 Delta R.T. 0.005 min
 Lab File: VN070428.D
 Acq: 3 Jan 2022 11:00

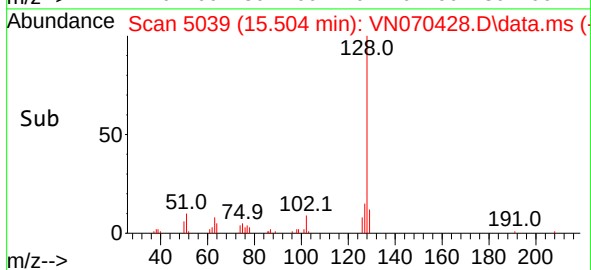
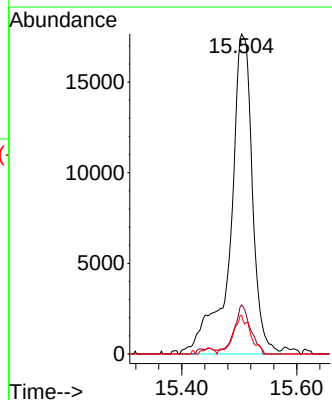
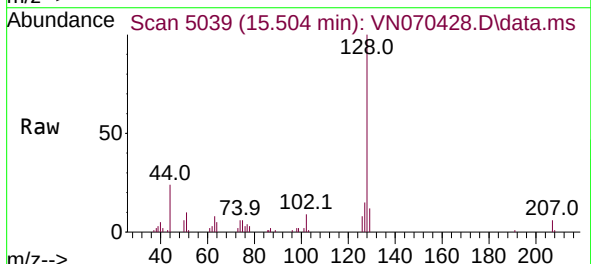
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103MBL01

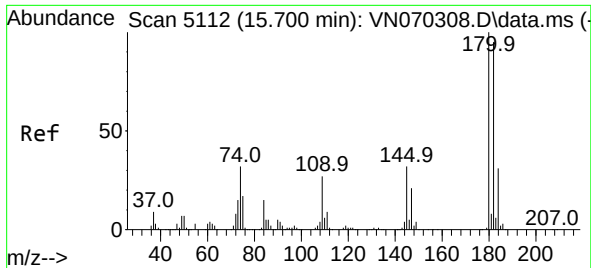
Tgt Ion:180 Resp: 9813
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 32.7 14.5 43.5



#95
 Naphthalene
 Concen: 2.829 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. -0.000 min
 Lab File: VN070428.D
 Acq: 3 Jan 2022 11:00

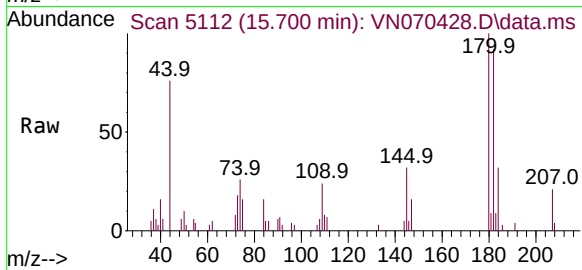
Tgt Ion:128 Resp: 47090
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.5 15.7
 129 9.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.584 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070428.D
 Acq: 3 Jan 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103MBL01



Tgt Ion:	180	Resp:	11728
Ion Ratio	Lower	Upper	
180	100		
182	104.1	47.4	142.2
145	32.8	15.0	45.1

