

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070632.D
 Acq On : 14 Jan 2022 19:03
 Operator : JC/MD
 Sample : N1148-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 05:41:17 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	8.086	168	835384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1451236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1312466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	509151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	647560	53.913	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.820%	
35) Dibromofluoromethane	8.021	113	456453	51.984	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.960%	
50) Toluene-d8	10.441	98	1885178	52.556	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.731	95	750106	57.899	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.800%	

Target Compounds				Qvalue		
3) Chloromethane	2.301	50	3199	0.248	ug/l	97
11) Tert butyl alcohol	5.382	59	1836881	918.473	ug/l	98
13) Acrolein	4.248	56	29043	17.898	ug/l #	76
14) Allyl chloride	5.074	41	200567	10.398	ug/l #	55
15) Acrylonitrile	5.621	53	45506	7.292	ug/l #	26
16) Acetone	4.256	43	66284	8.501	ug/l #	56
18) Methyl Acetate	5.071	43	535088	23.724	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	3504702	110.922	ug/l #	79
22) Diisopropyl ether	6.501	45	89665	2.387	ug/l #	85
23) Vinyl Acetate	6.501	43	45123	1.548	ug/l #	72
25) 2-Butanone	7.343	43	37780	3.848	ug/l #	79
29) Tetrahydrofuran	7.700	42	3843	0.656	ug/l #	42
30) Chloroform	7.780	83	6555	0.349	ug/l #	18
31) Cyclohexane	8.088	56	29973	1.581	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	67055	4.616	ug/l #	49
37) Ethyl Acetate	7.343	43	37780	2.007	ug/l #	68
38) Carbon Tetrachloride	8.086	117	81913	5.906	ug/l #	17
39) Methylcyclohexane	9.421	83	27797	1.581	ug/l #	1
40) Benzene	8.461	78	93228	2.093	ug/l	97
42) 1,2-Dichloroethane	8.528	62	27788	1.660	ug/l	95
43) Isopropyl Acetate	8.542	43	153626	5.175	ug/l #	59
47) Bromodichloromethane	9.738	83	3925	0.265	ug/l #	25
48) Methyl methacrylate	9.515	41	6951	0.491	ug/l #	32
52) Toluene	10.505	92	14123	0.524	ug/l	98
55) 1,1,2-Trichloroethane	10.878	97	47874	4.489	ug/l #	20
56) Ethyl methacrylate	10.781	69	11108	0.630	ug/l #	12
58) 2-Chloroethyl Vinyl ether	10.052	63	212	18.557	ug/l #	45
59) 2-Hexanone	11.087	43	6222	0.457	ug/l	72
67) Ethyl Benzene	11.846	91	32373	0.634	ug/l	94
68) m/p-Xylenes	11.953	106	21251	1.144	ug/l	97
69) o-Xylene	12.286	106	5040	0.273	ug/l	98
71) Bromoform	12.723	173	1530	0.207	ug/l #	1
73) Isopropylbenzene	12.581	105	15889	0.336	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.846	83	2782	0.608	ug/l #	27
76) 1,2,3-Trichloropropane	12.731	75	380846	26.619	ug/l #	1
78) n-propylbenzene	12.921	91	45853	0.875	ug/l	94

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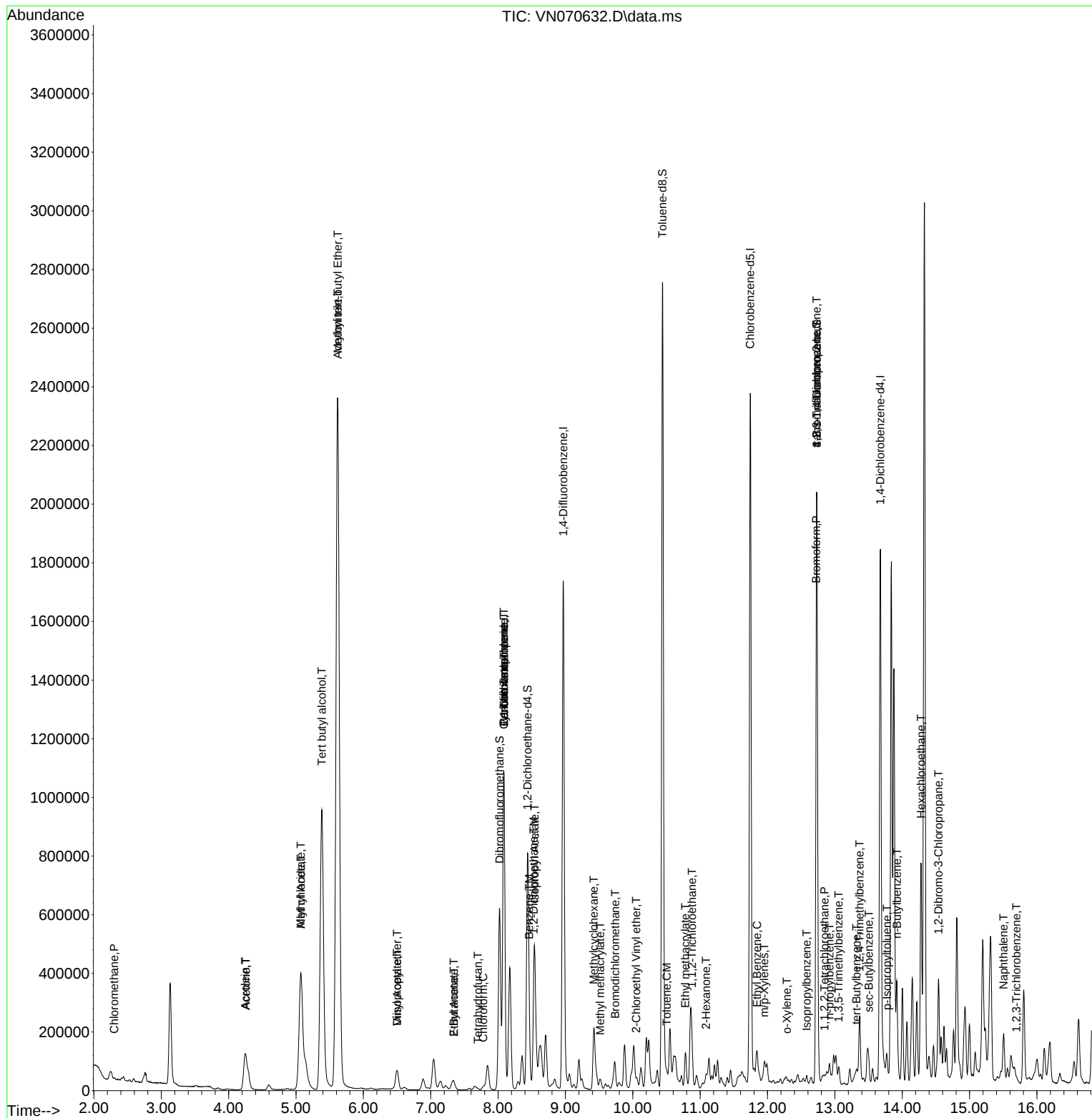
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.055	105	20798	0.549	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	380846	91.389	ug/l #	5
83) tert-Butylbenzene	13.321	119	12224	0.366	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	123182	3.376	ug/l	95
85) sec-Butylbenzene	13.503	105	53016	1.170	ug/l #	41
86) p-Isopropyltoluene	13.772	119	45699	1.284	ug/l	100
89) n-Butylbenzene	13.922	91	46794	1.577	ug/l #	1
90) Hexachloroethane	14.278	117	332522	53.794	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.539	75	1903	0.695	ug/l #	3
95) Naphthalene	15.504	128	153066	8.158	ug/l	97
96) 1,2,3-Trichlorobenzene	15.694	180	539	0.892	ug/l #	68

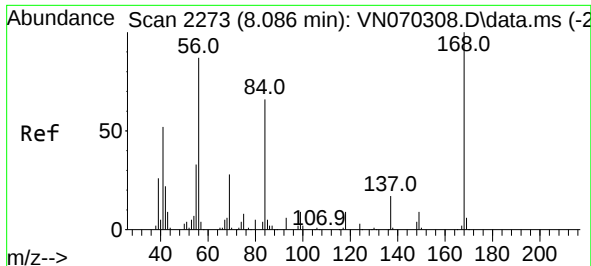
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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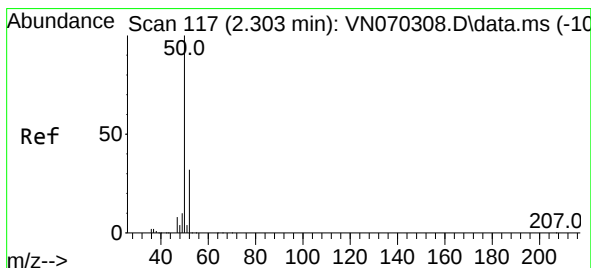
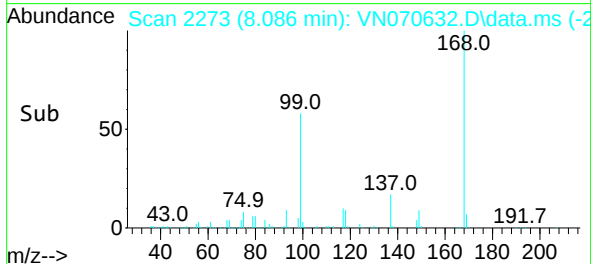
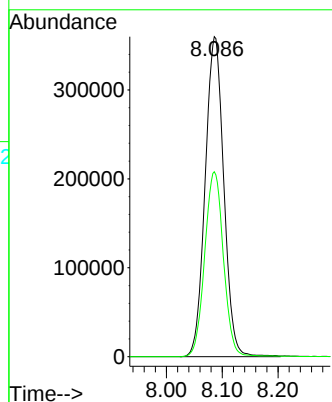
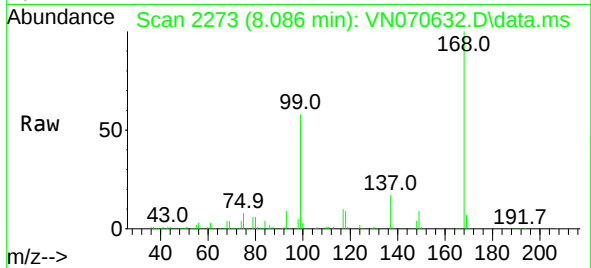




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

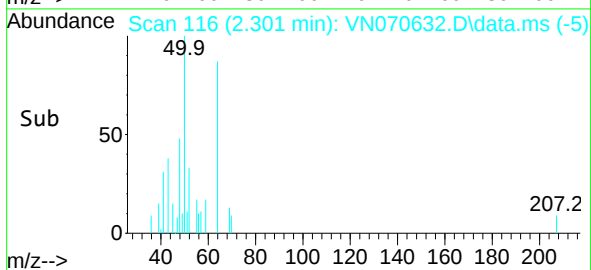
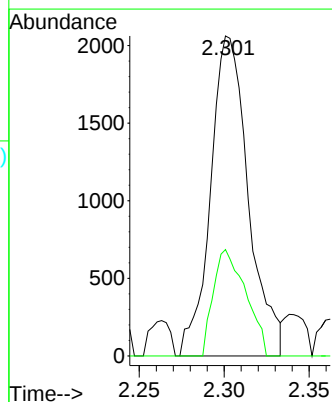
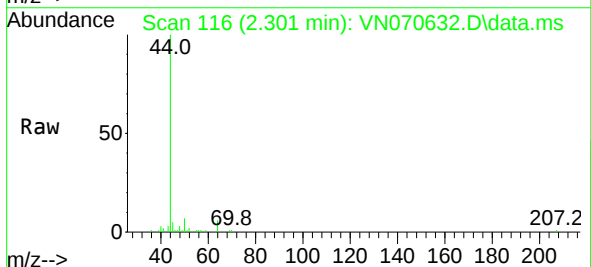
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MSVOA_N
ClientSampleId :

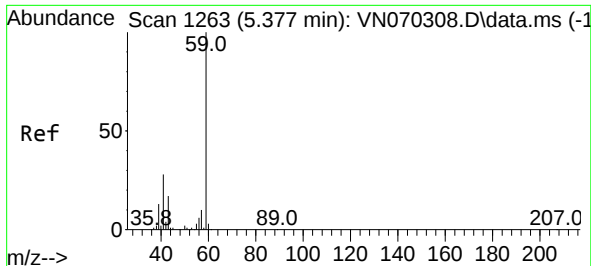
Tgt Ion:168 Resp: 835384
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

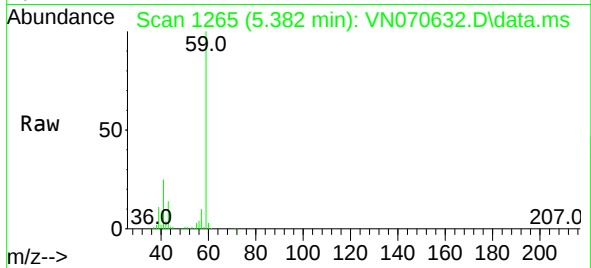
Tgt Ion: 50 Resp: 3199
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0



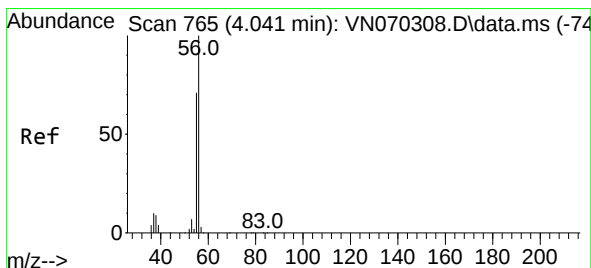
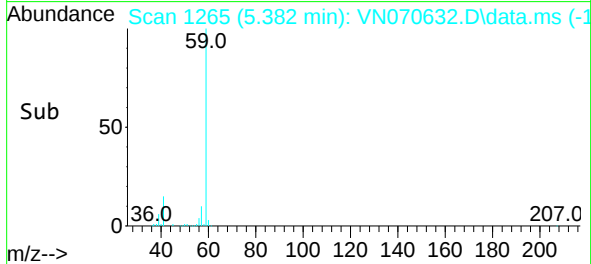
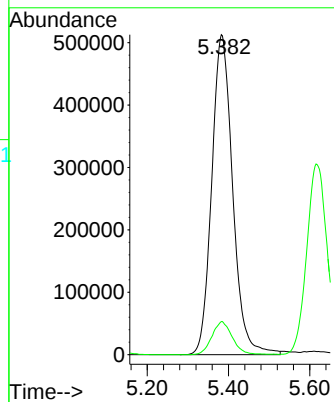


#11
Tert butyl alcohol
Concen: 918.473 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :

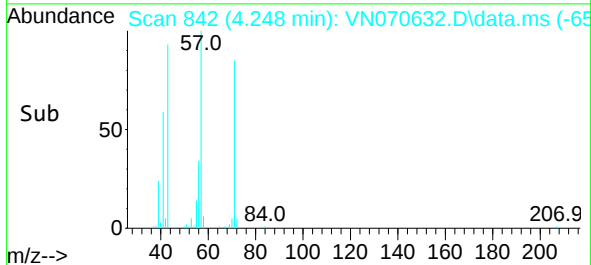
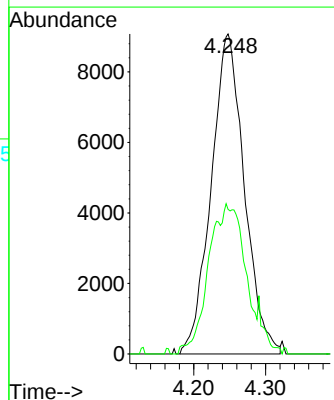
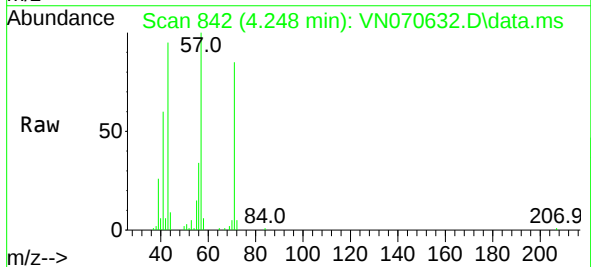


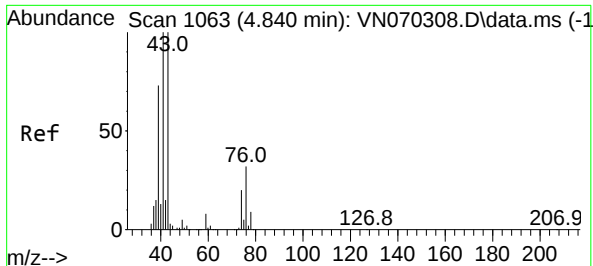
Tgt Ion: 59 Resp: 1836881
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#13
Acrolein
Concen: 17.898 ug/l
RT: 4.248 min Scan# 842
Delta R.T. 0.207 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 56 Resp: 29043
Ion Ratio Lower Upper
56 100
55 50.9 56.6 85.0#





#14

Allyl chloride

Concen: 10.398 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.234 min

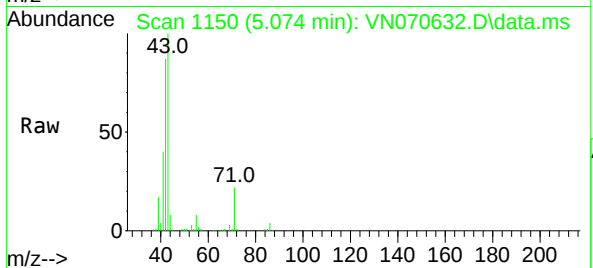
Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :



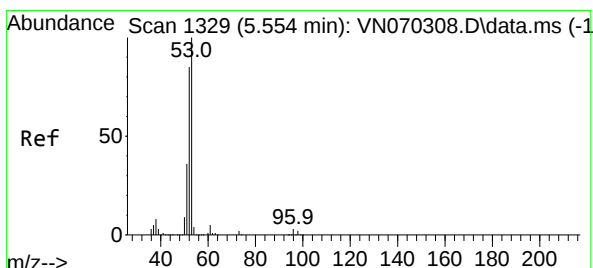
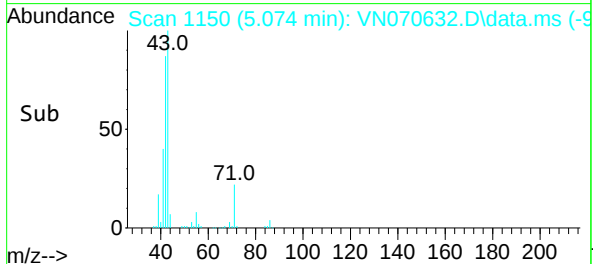
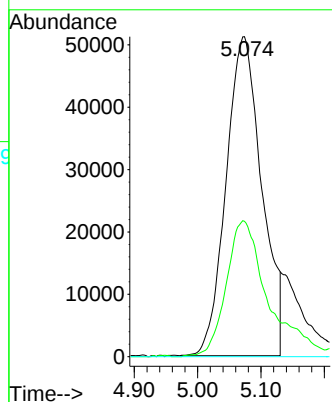
Tgt Ion: 41 Resp: 200567

Ion Ratio Lower Upper

41 100

39 43.0 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 7.292 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.067 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

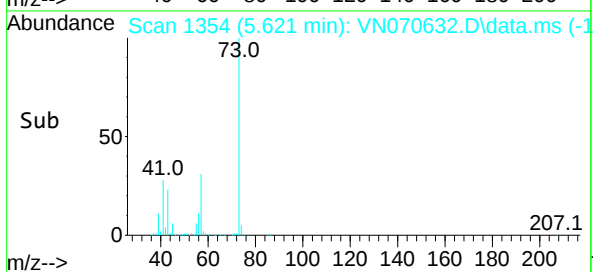
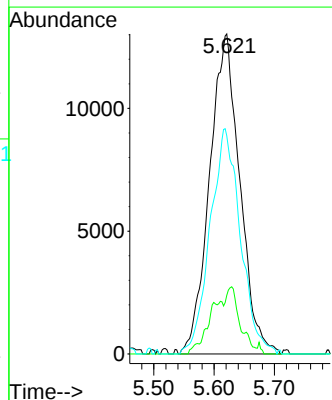
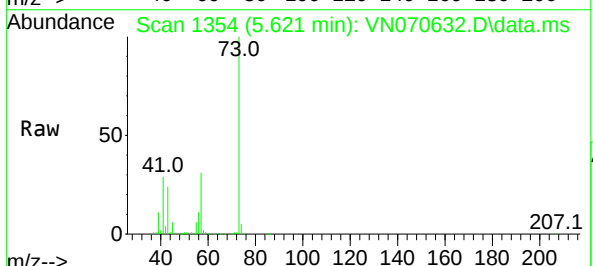
Tgt Ion: 53 Resp: 45506

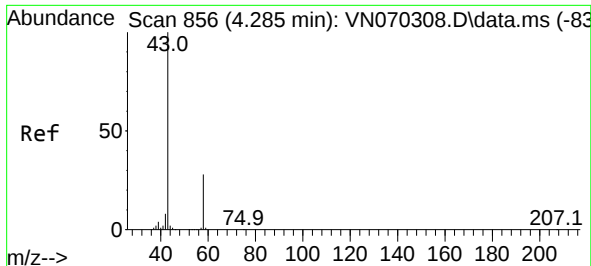
Ion Ratio Lower Upper

53 100

52 9.2 66.2 99.2#

51 70.5 29.6 44.4#

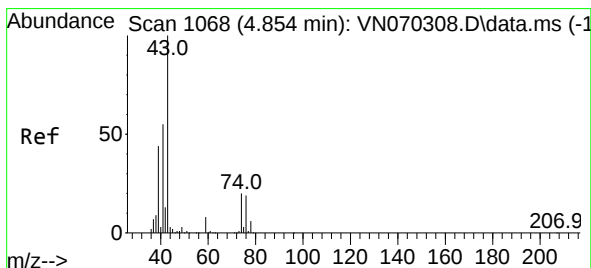
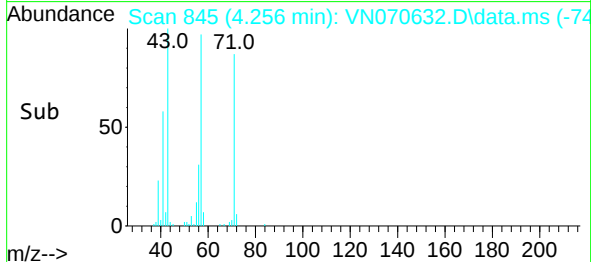
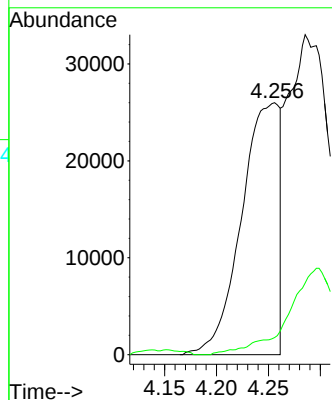
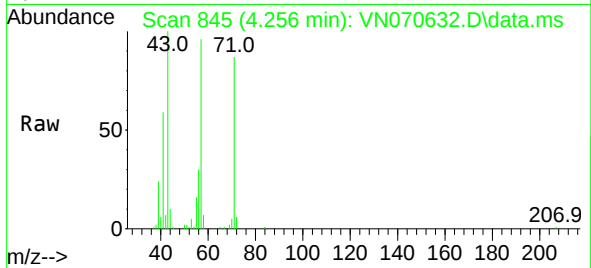




#16
Acetone
Concen: 8.501 ug/l
RT: 4.256 min Scan# 84
Delta R.T. -0.029 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

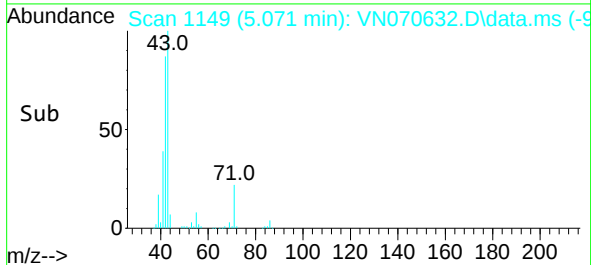
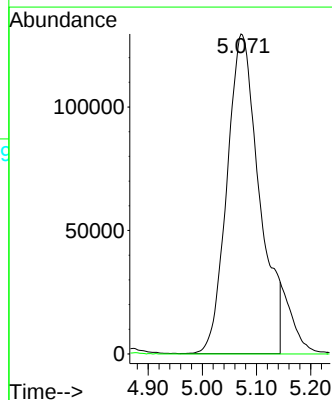
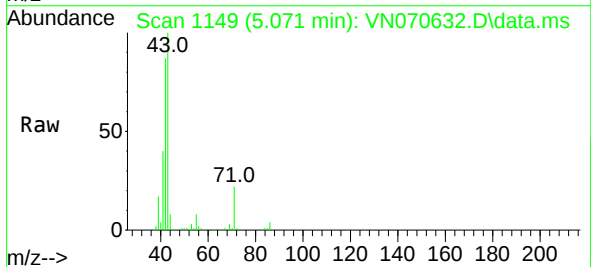
Instrument :
MSVOA_N
ClientSampleId :

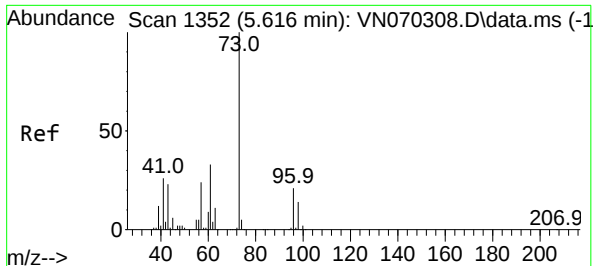
Tgt Ion: 43 Resp: 66284
Ion Ratio Lower Upper
43 100
58 5.5 23.1 34.7#



#18
Methyl Acetate
Concen: 23.724 ug/l
RT: 5.071 min Scan# 1149
Delta R.T. 0.217 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 43 Resp: 535088
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 110.922 ug/l

RT: 5.618 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_N

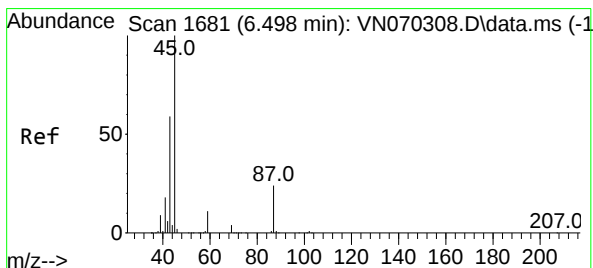
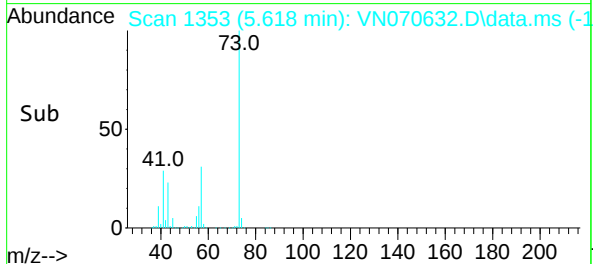
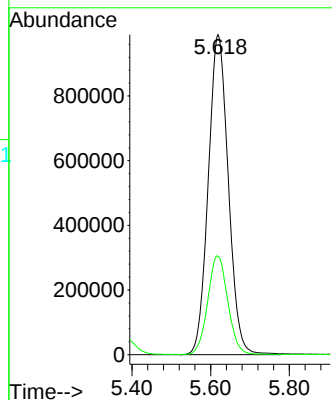
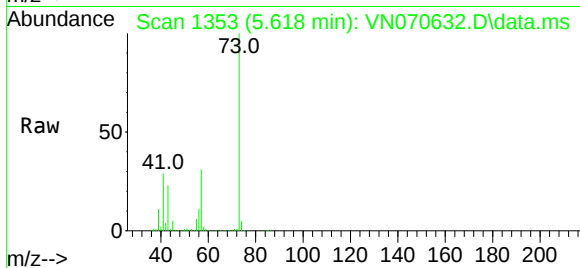
ClientSampleId :

Tgt Ion: 73 Resp: 3504702

Ion Ratio Lower Upper

73 100

57 30.7 16.8 25.2#



#22

Diisopropyl ether

Concen: 2.387 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Tgt Ion: 45 Resp: 89665

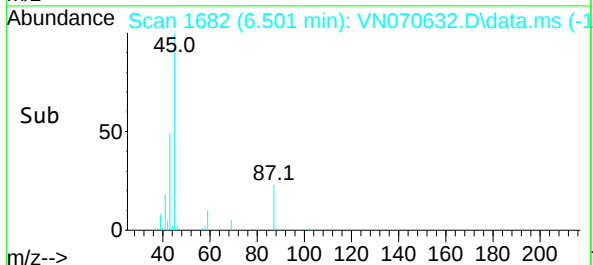
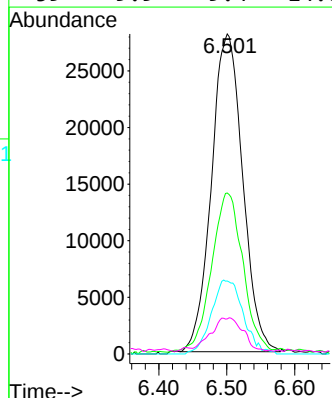
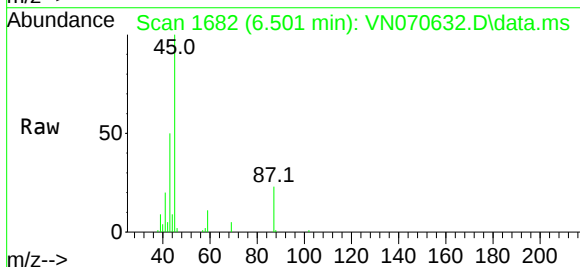
Ion Ratio Lower Upper

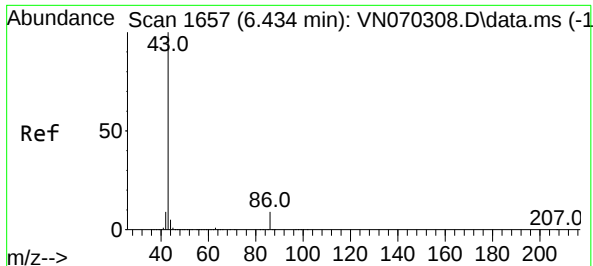
45 100

43 49.4 51.7 77.5#

87 23.0 23.2 34.8#

59 9.9 9.4 14.0

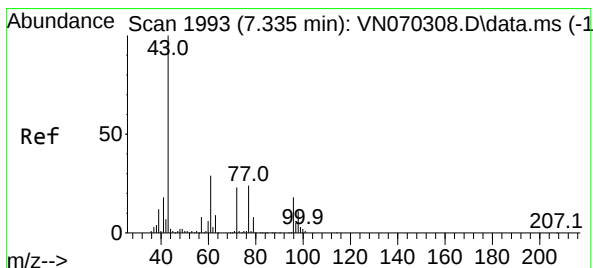
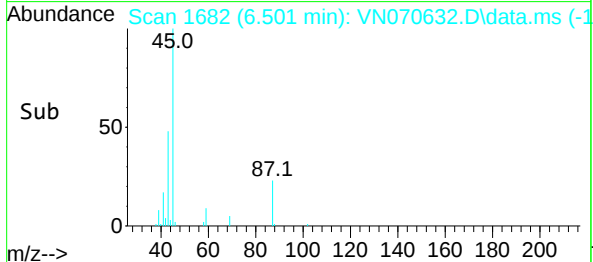
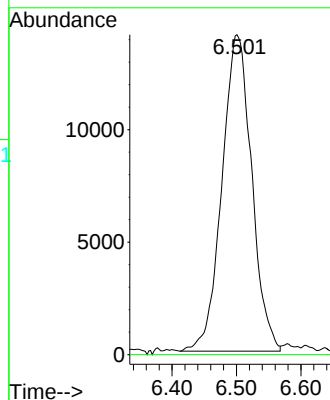
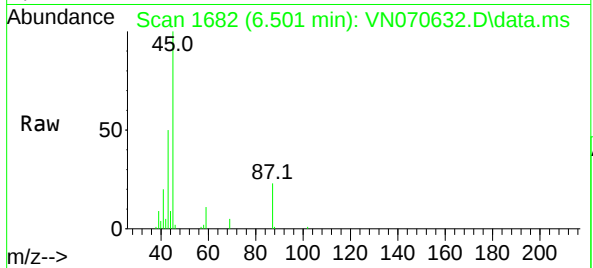




#23
 Vinyl Acetate
 Concen: 1.548 ug/l
 RT: 6.501 min Scan# 1682
 Delta R.T. 0.067 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

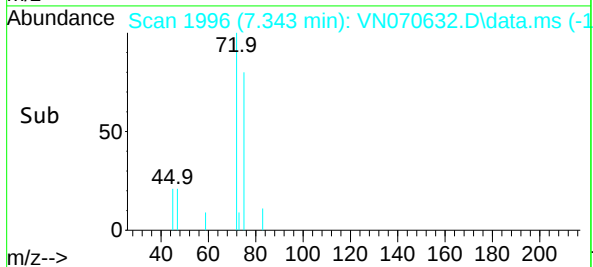
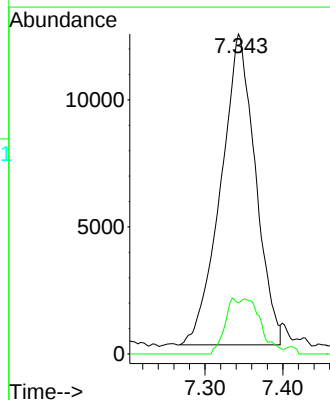
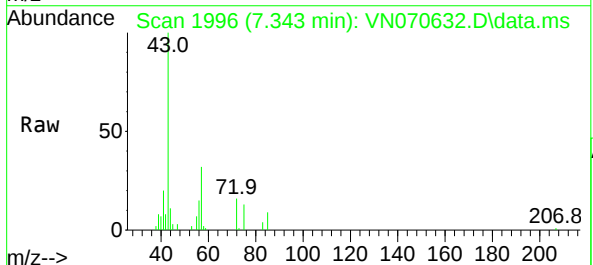
Instrument :
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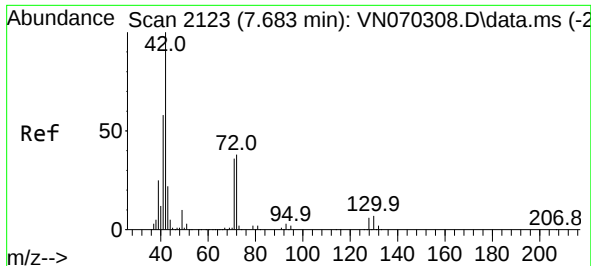
Tgt Ion: 43 Resp: 45123
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 3.848 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. 0.008 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Tgt Ion: 43 Resp: 37780
 Ion Ratio Lower Upper
 43 100
 72 16.4 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.656 ug/l

RT: 7.700 min Scan# 2123

Delta R.T. 0.017 min

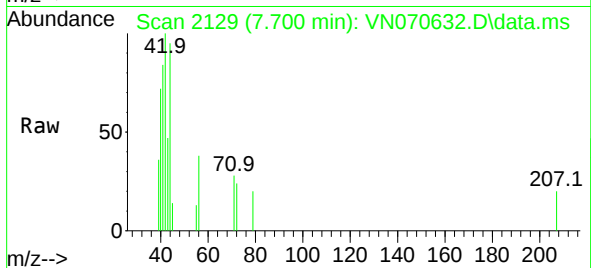
Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

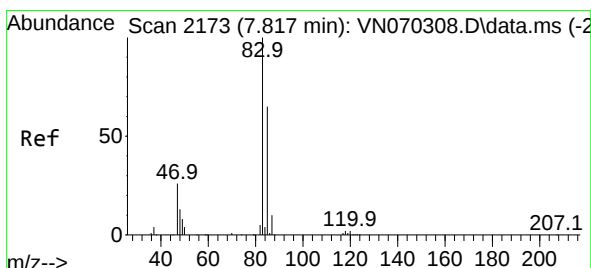
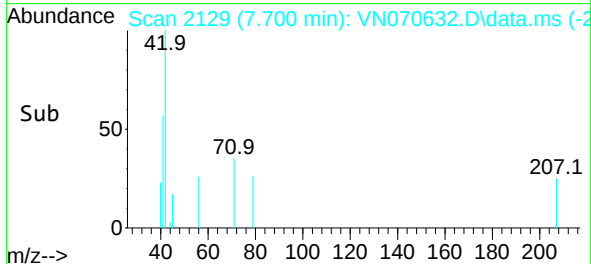
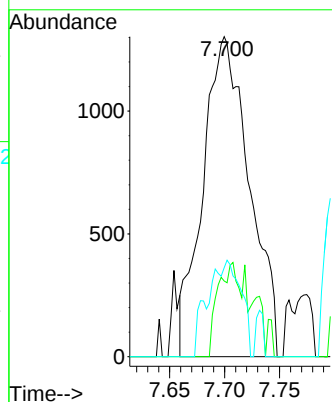
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3843
Ion Ratio	Lower	Upper	
42	100		
72	13.5	36.3	54.5#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 0.349 ug/l

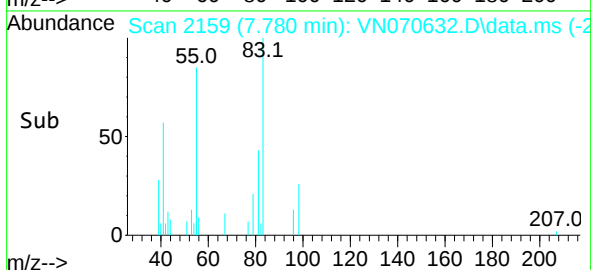
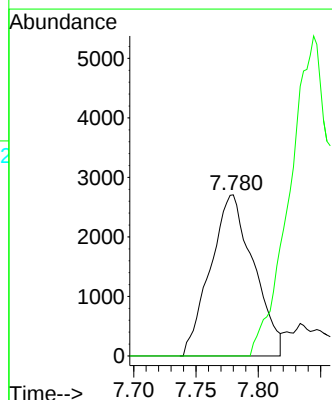
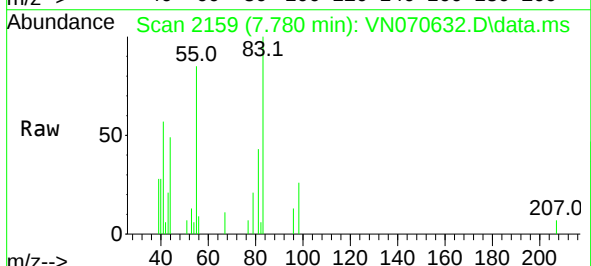
RT: 7.780 min Scan# 2159

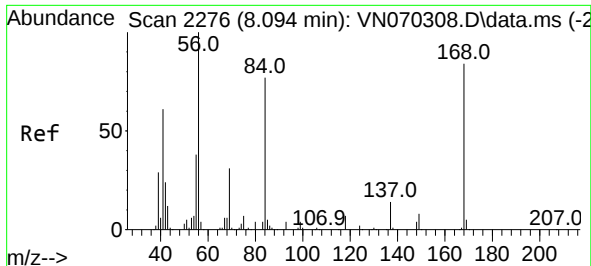
Delta R.T. -0.037 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

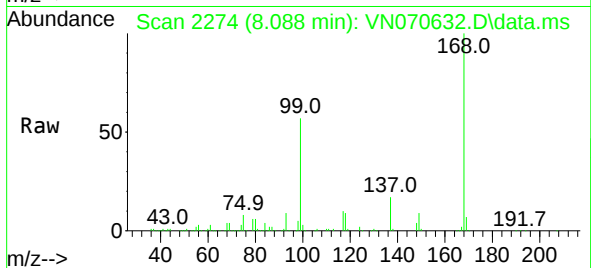
Tgt Ion:	83	Resp:	6555
Ion Ratio	Lower	Upper	
83	100		
85	0.0	51.9	77.9#



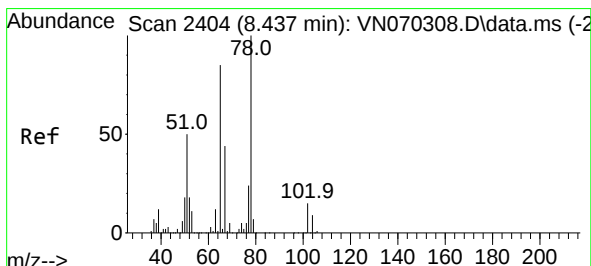
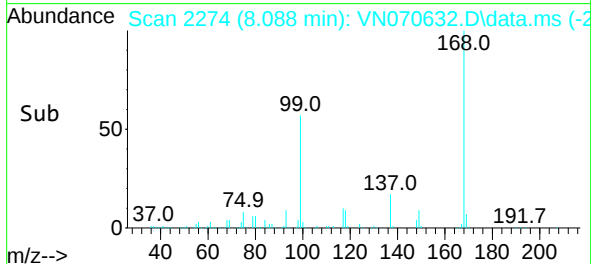
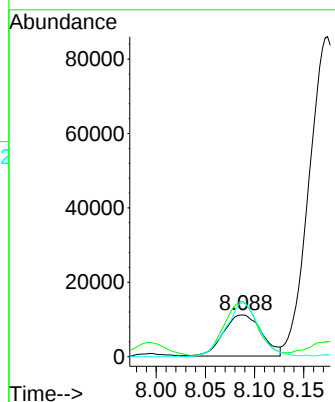


#31
Cyclohexane
Concen: 1.581 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :

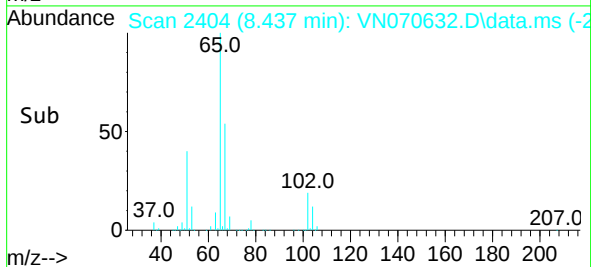
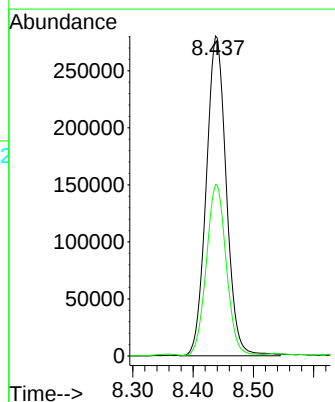
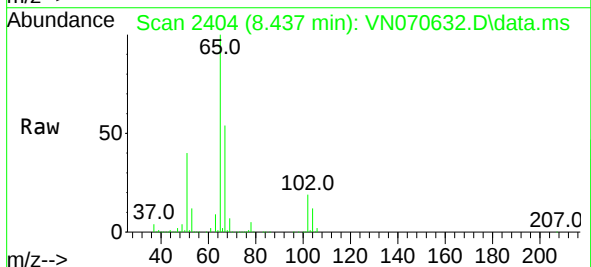


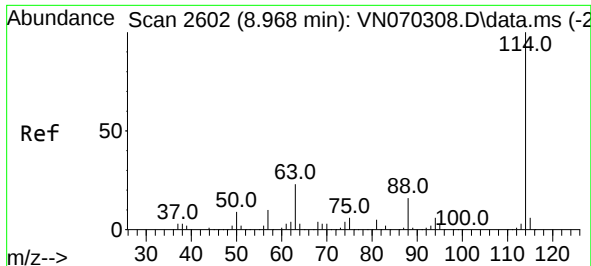
Tgt Ion: 56 Resp: 29973
Ion Ratio Lower Upper
56 100
69 126.2 27.1 40.7#
84 131.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.913 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 65 Resp: 647560
Ion Ratio Lower Upper
65 100
67 52.9 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: VN070632.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

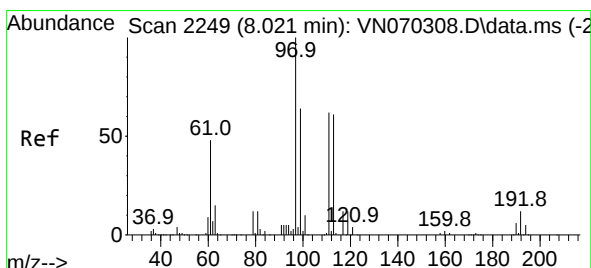
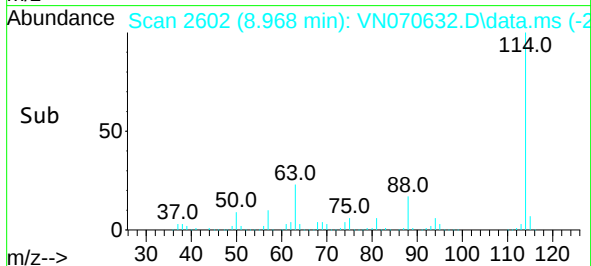
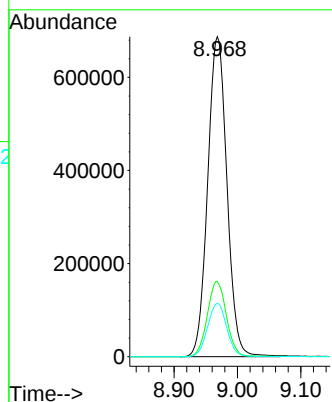
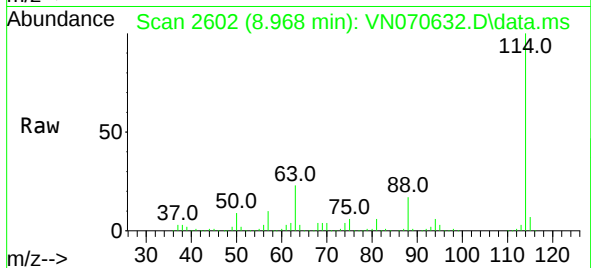
Tgt Ion:114 Resp: 1451236

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.984 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

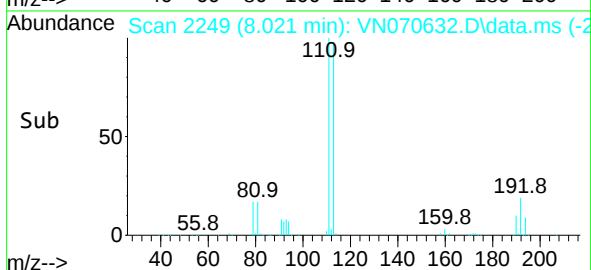
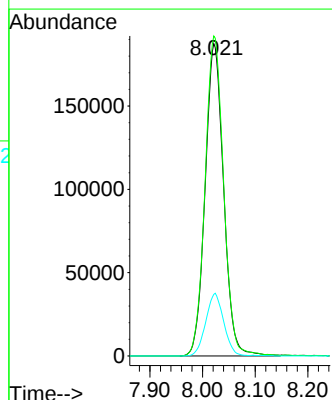
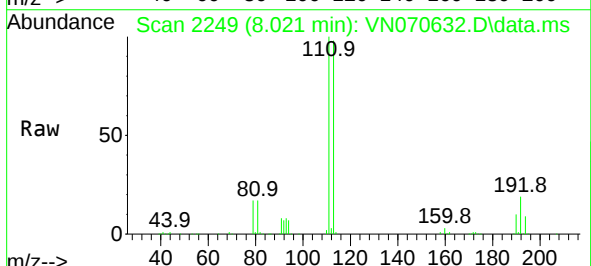
Tgt Ion:113 Resp: 456453

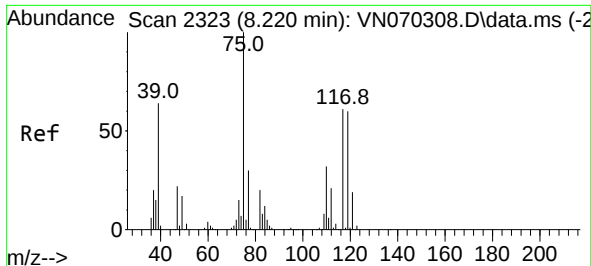
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

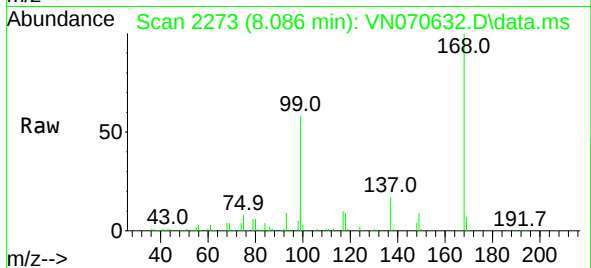
192 19.5 16.9 25.3



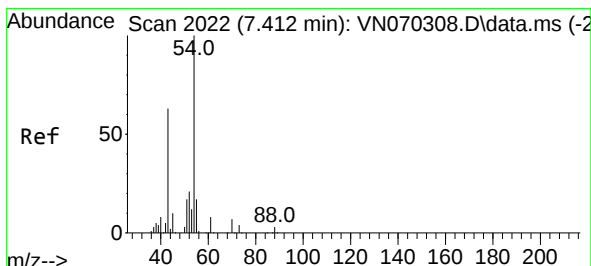
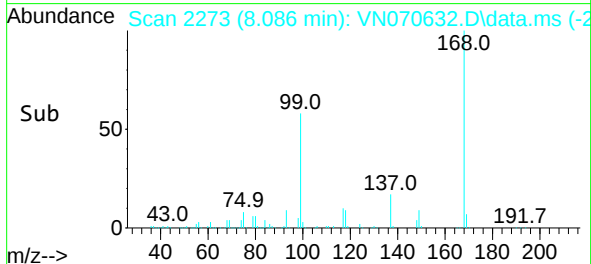
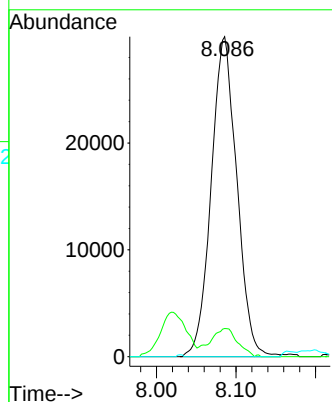


#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :

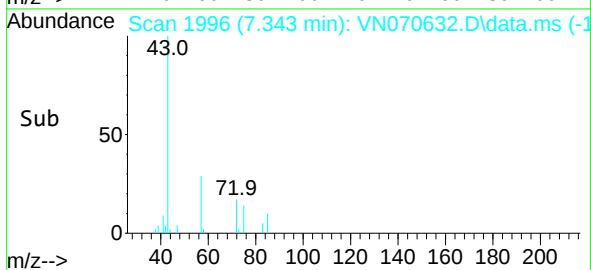
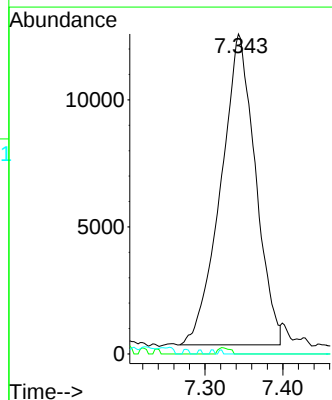
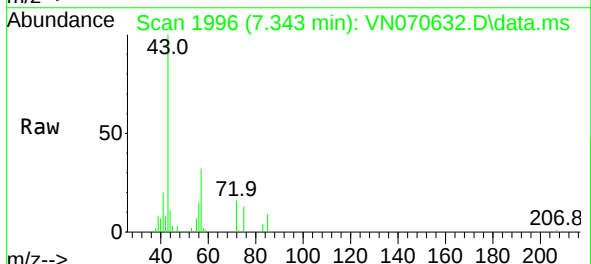


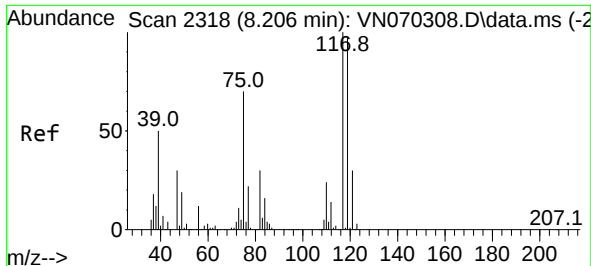
Tgt Ion: 75 Resp: 67055
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.007 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.069 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

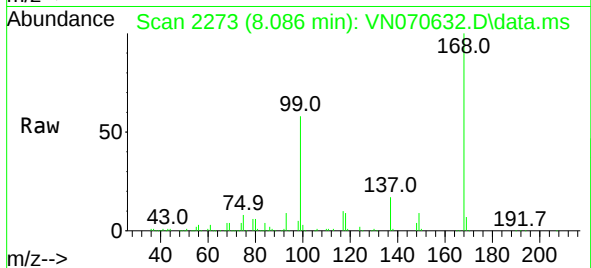
Tgt Ion: 43 Resp: 37780
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



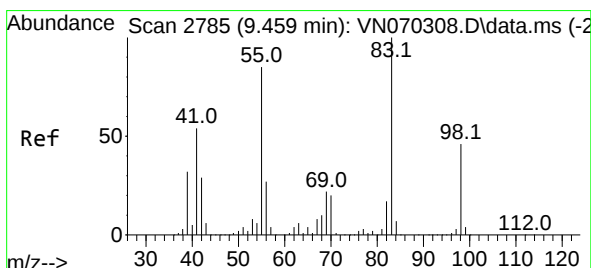
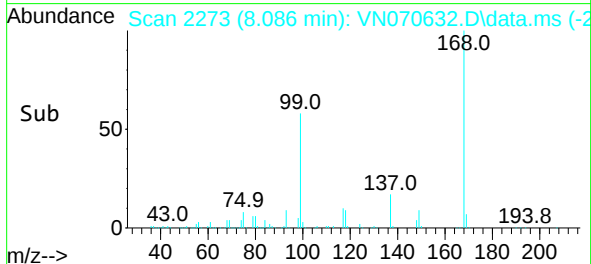
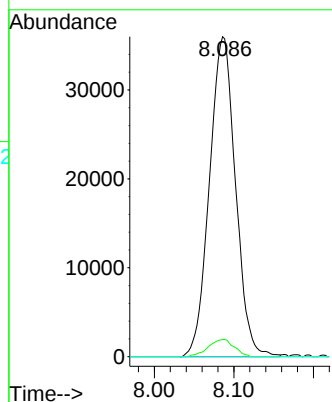


#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :

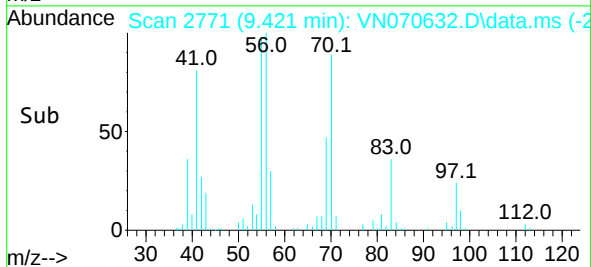
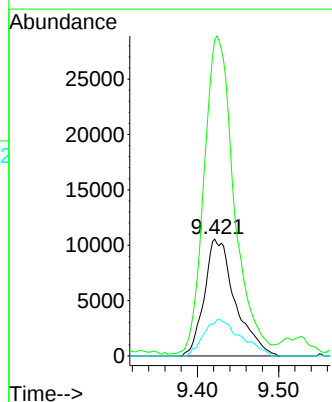
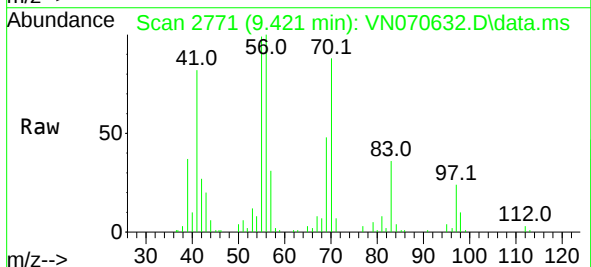


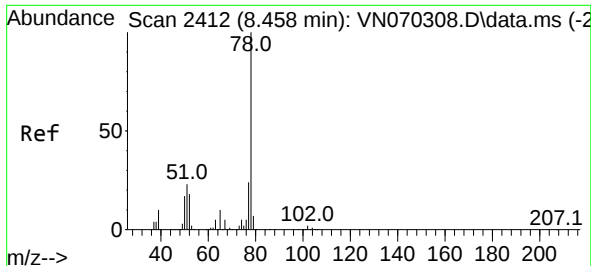
Tgt Ion:117 Resp: 81913
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.581 ug/l
RT: 9.421 min Scan# 2771
Delta R.T. -0.038 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 83 Resp: 27797
Ion Ratio Lower Upper
83 100
55 267.1 58.1 87.1#
98 28.3 38.4 57.6#

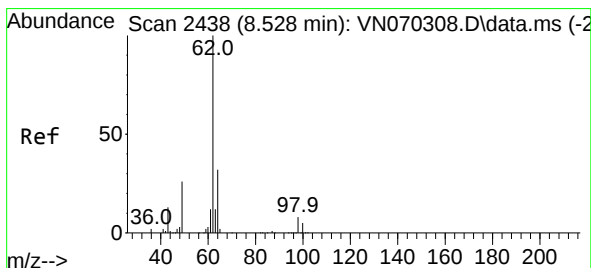
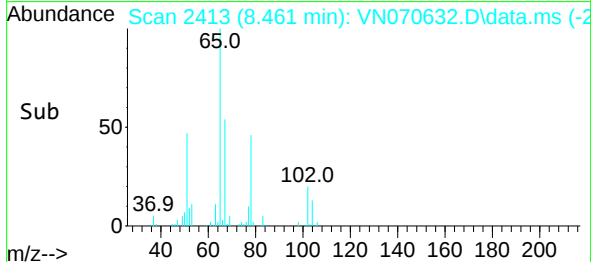
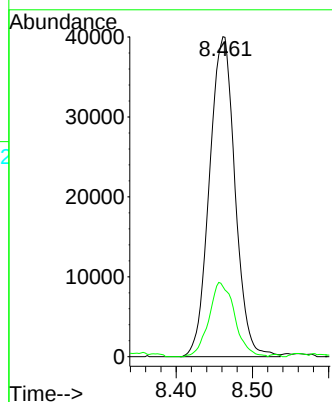
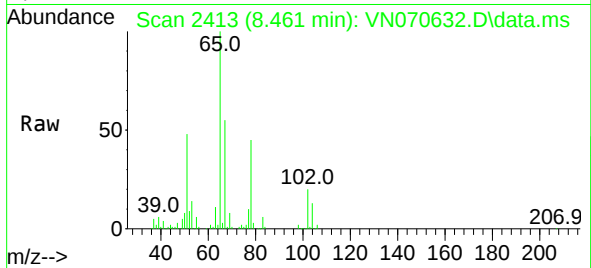




#40
Benzene
Concen: 2.093 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

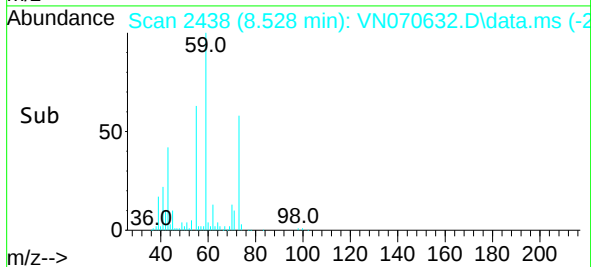
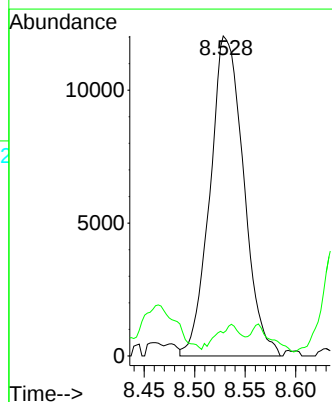
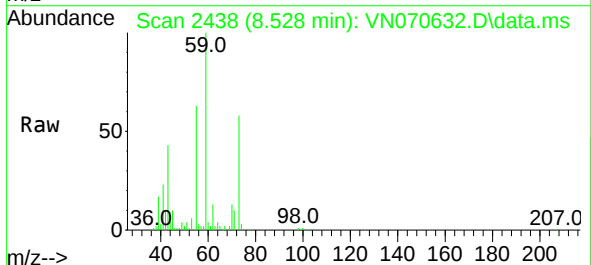
Instrument :
MSVOA_N
ClientSampleId :

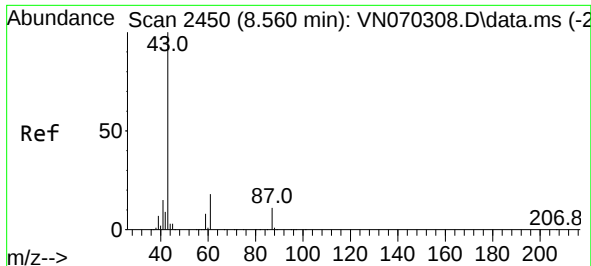
Tgt Ion: 78 Resp: 93228
Ion Ratio Lower Upper
78 100
77 21.9 18.6 27.8



#42
1,2-Dichloroethane
Concen: 1.660 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 62 Resp: 27788
Ion Ratio Lower Upper
62 100
98 6.9 0.0 17.6

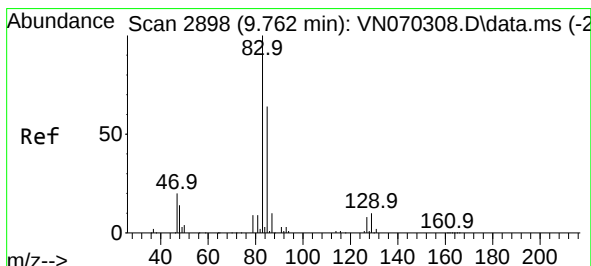
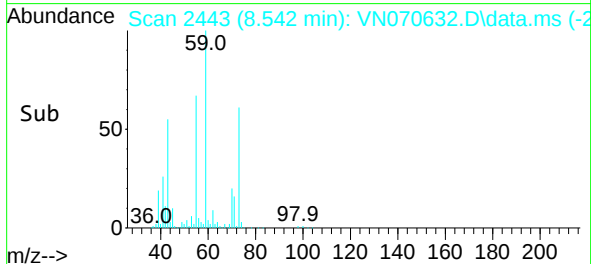
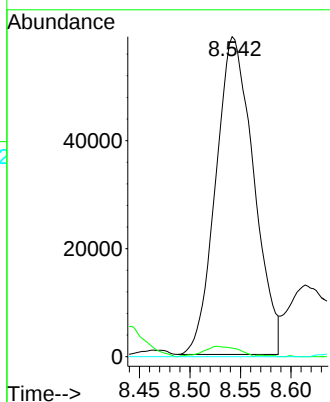
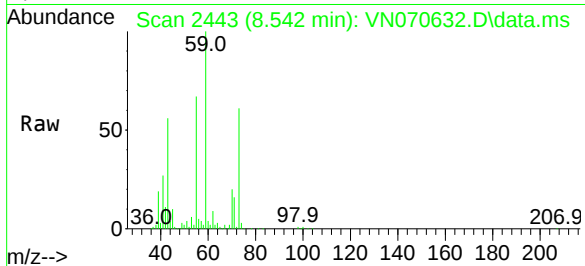




#43
Isopropyl Acetate
Concen: 5.175 ug/l
RT: 8.542 min Scan# 2450
Delta R.T. -0.018 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

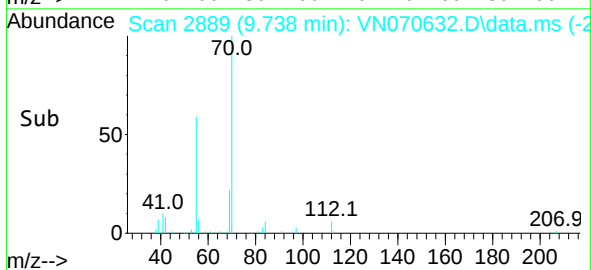
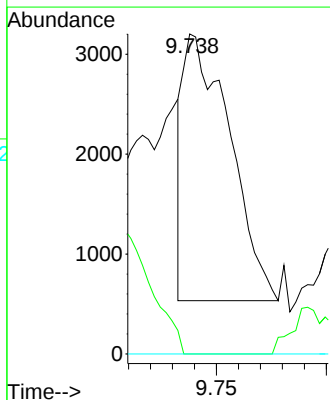
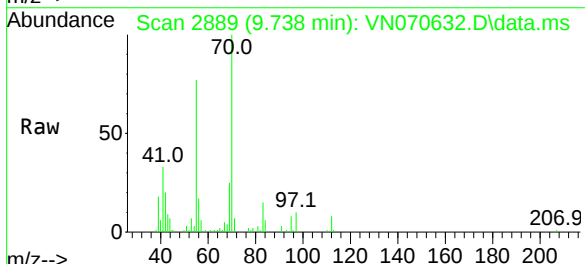
Instrument :
MSVOA_N
ClientSampleId :

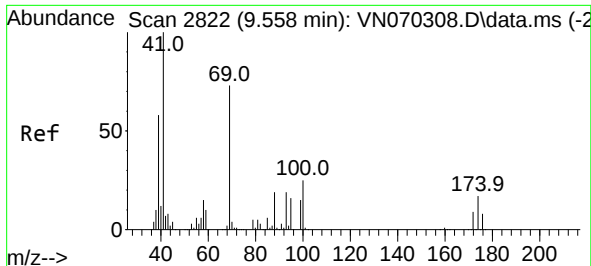
Tgt Ion: 43 Resp: 153626
Ion Ratio Lower Upper
43 100
61 3.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.265 ug/l
RT: 9.738 min Scan# 2898
Delta R.T. -0.024 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 83 Resp: 3925
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

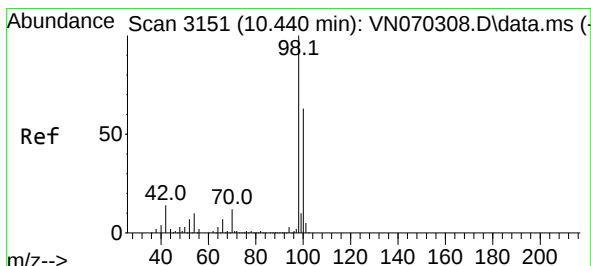
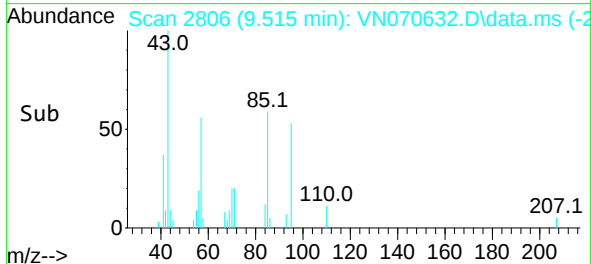
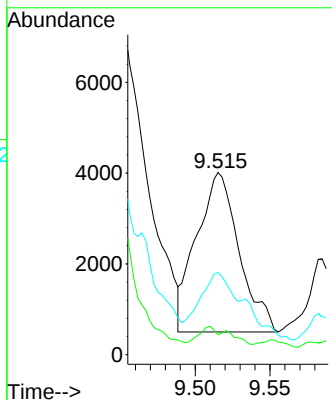
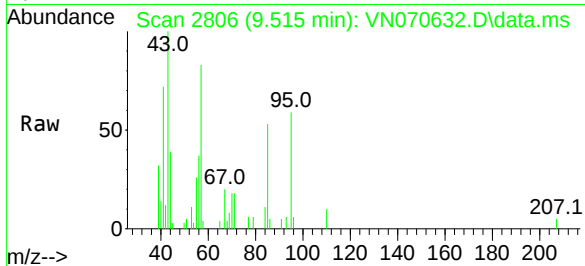




#48
Methyl methacrylate
Concen: 0.491 ug/l
RT: 9.515 min Scan# 21
Delta R.T. -0.043 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

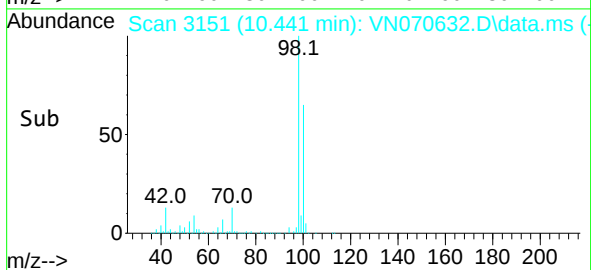
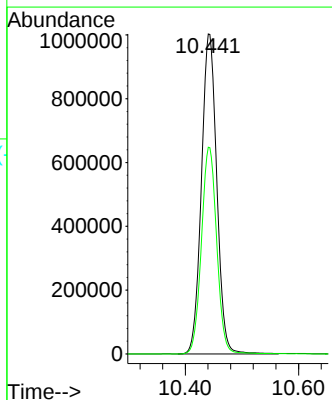
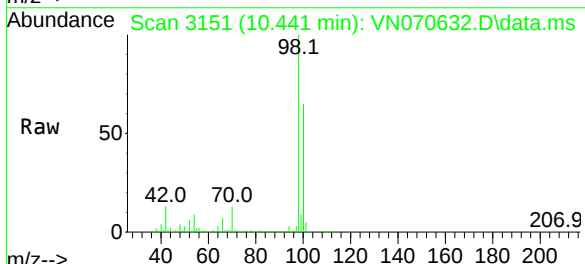
Instrument :
MSVOA_N
ClientSampleId :

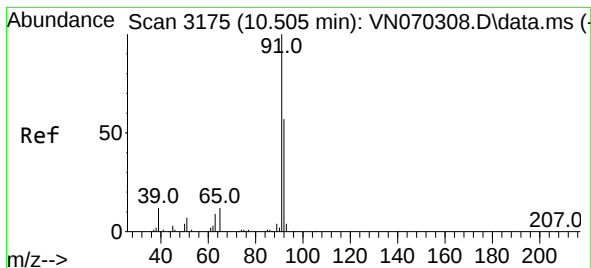
Tgt Ion: 41 Resp: 6951
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 44.3 58.4 87.6#



#50
Toluene-d8
Concen: 52.556 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 98 Resp: 1885178
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#52

Toluene

Concen: 0.524 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_N

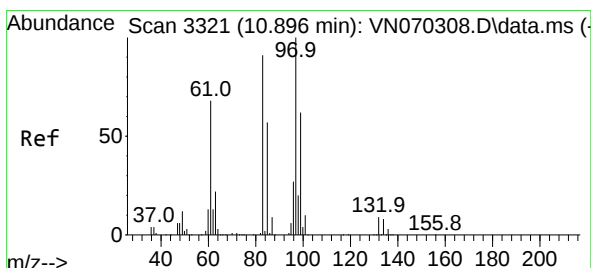
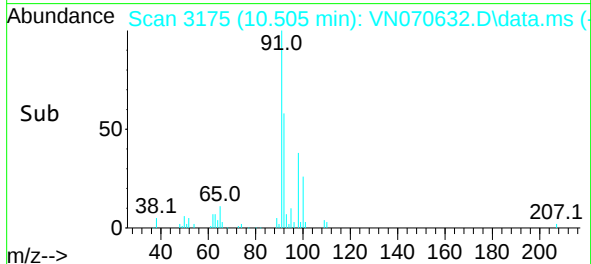
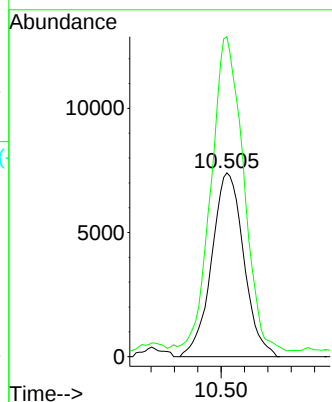
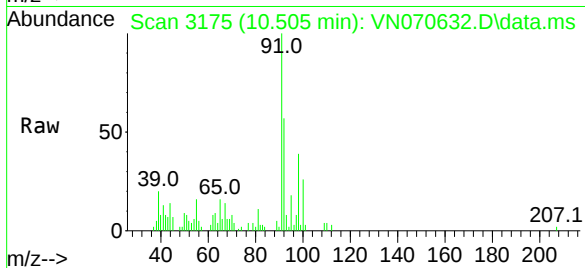
ClientSampleId :

Tgt Ion: 92 Resp: 14123

Ion Ratio Lower Upper

92 100

91 174.2 142.0 213.0



#55

1,1,2-Trichloroethane

Concen: 4.489 ug/l

RT: 10.878 min Scan# 3314

Delta R.T. -0.018 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Tgt Ion: 97 Resp: 47874

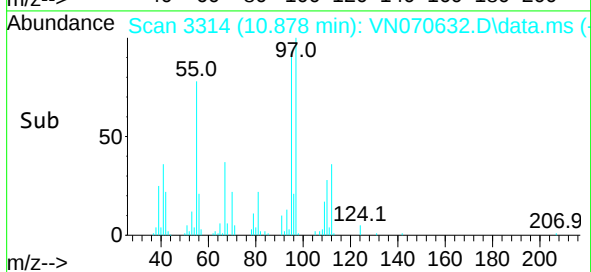
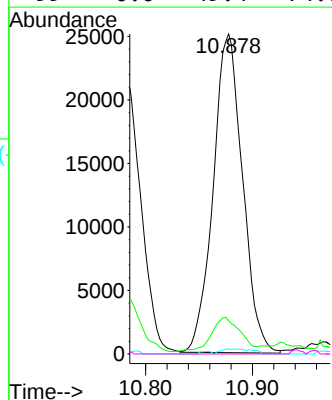
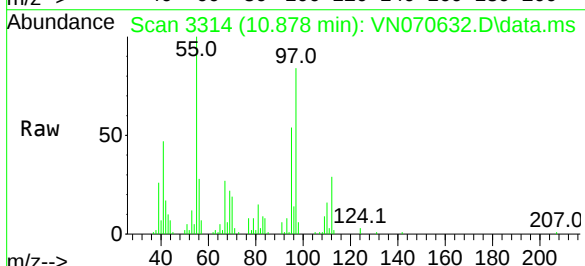
Ion Ratio Lower Upper

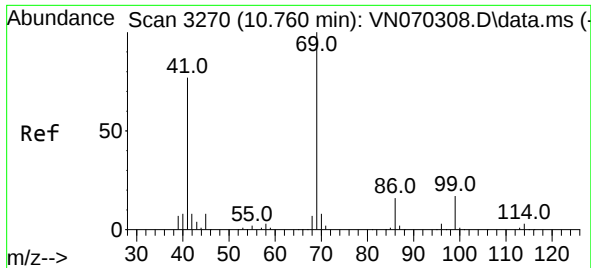
97 100

83 9.6 67.8 101.6#

85 1.6 45.4 68.2#

99 0.0 49.4 74.0#

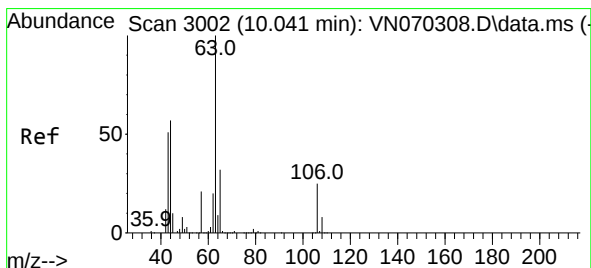
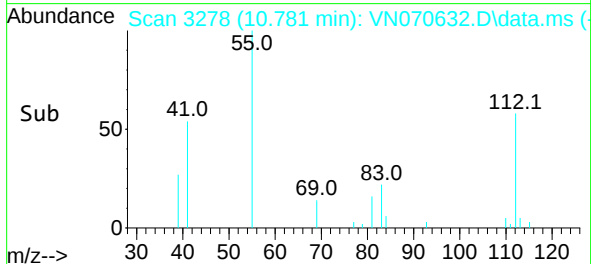
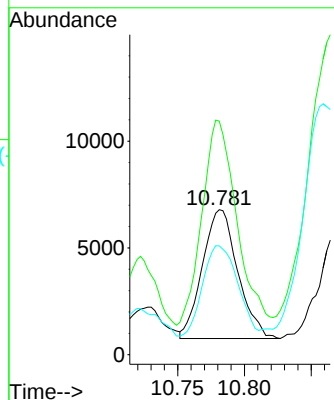
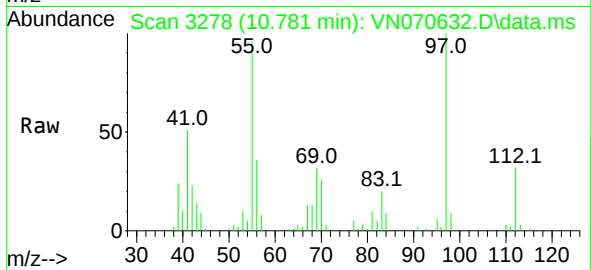




#56
Ethyl methacrylate
Concen: 0.630 ug/l
RT: 10.781 min Scan# 311
Delta R.T. 0.021 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

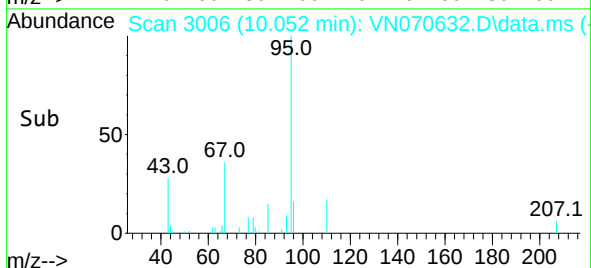
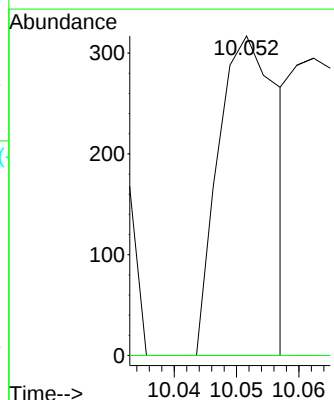
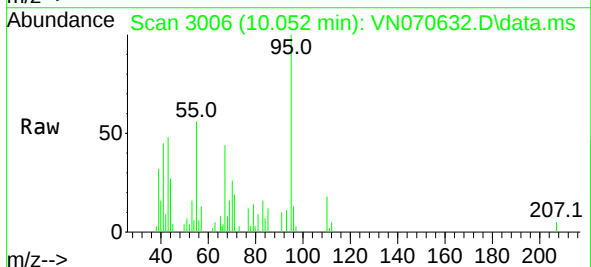
Instrument :
MSVOA_N
ClientSampleId :

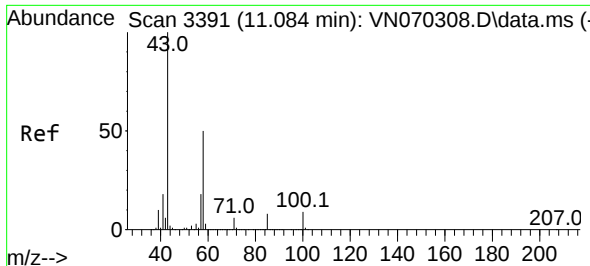
Tgt Ion: 69 Resp: 11108
Ion Ratio Lower Upper
69 100
41 154.9 51.4 77.0#
39 74.1 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.557 ug/l
RT: 10.052 min Scan# 3006
Delta R.T. 0.011 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 63 Resp: 212
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

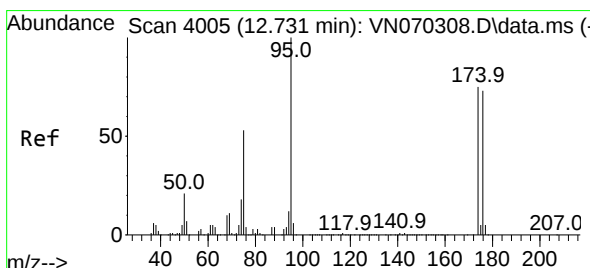
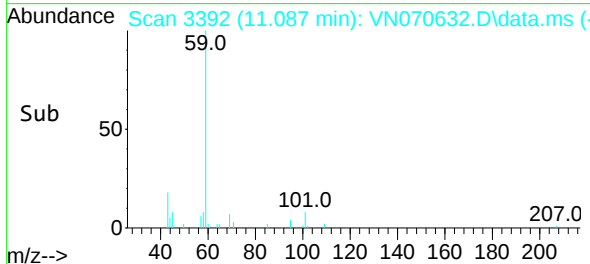
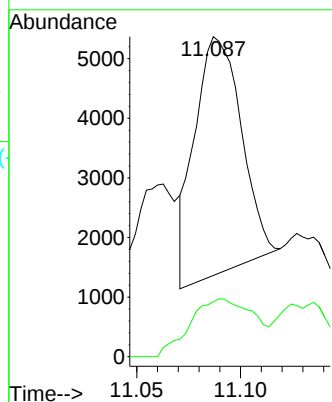
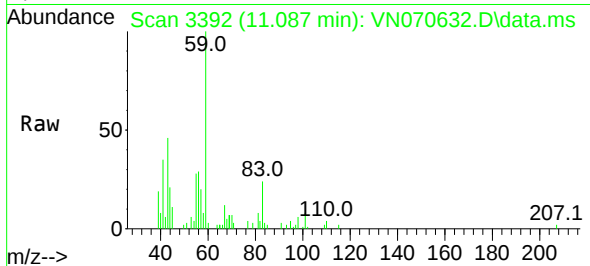




#59
2-Hexanone
Concen: 0.457 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

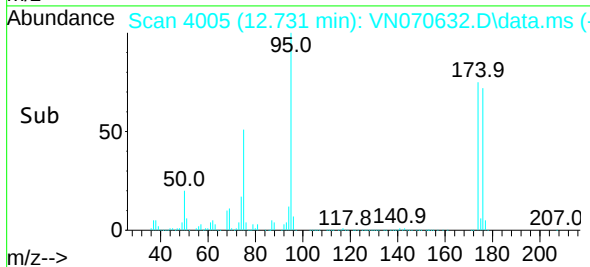
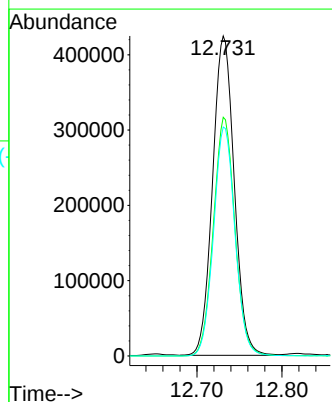
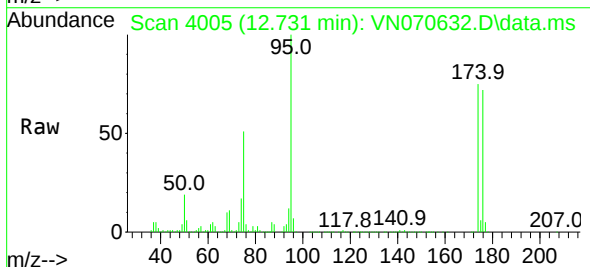
Instrument :
MSVOA_N
ClientSampleId :

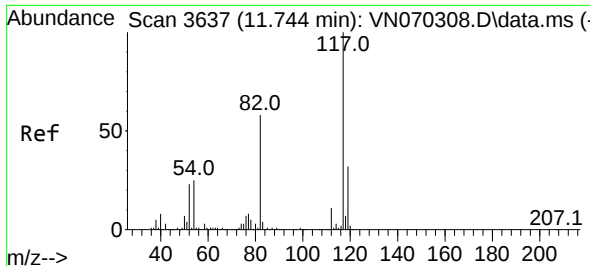
Tgt Ion: 43 Resp: 6222
Ion Ratio Lower Upper
43 100
58 33.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 57.899 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

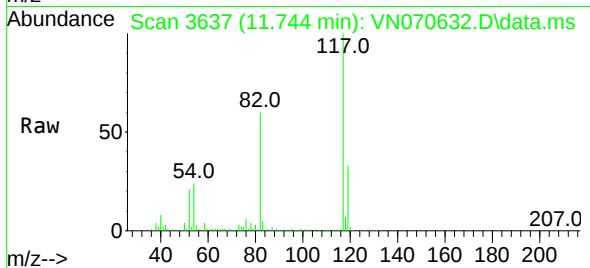
Tgt Ion: 95 Resp: 750106
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.1 0.0 181.4



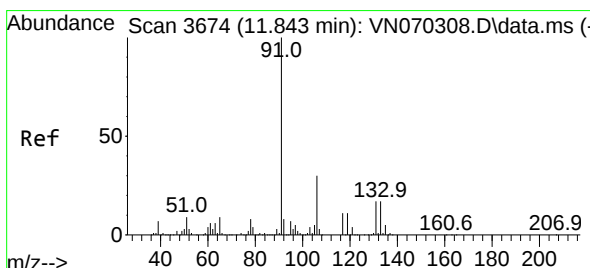
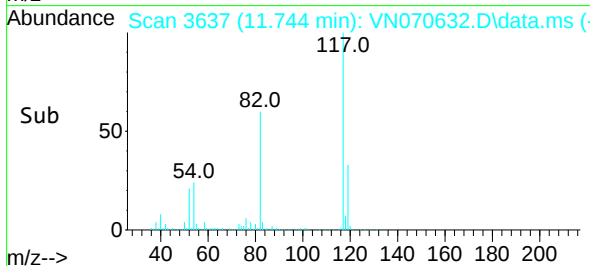
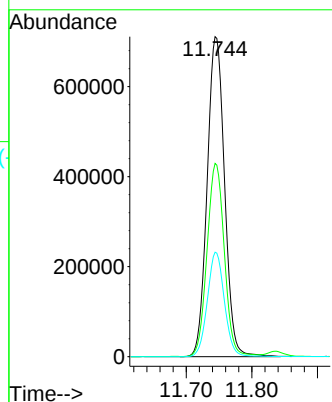


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_N
ClientSampleId :

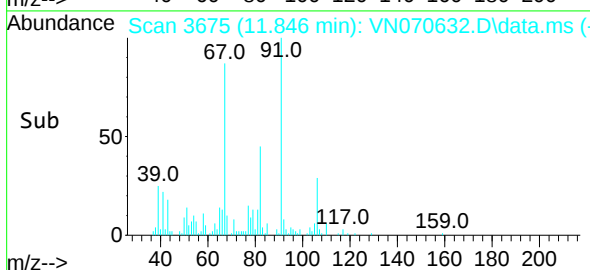
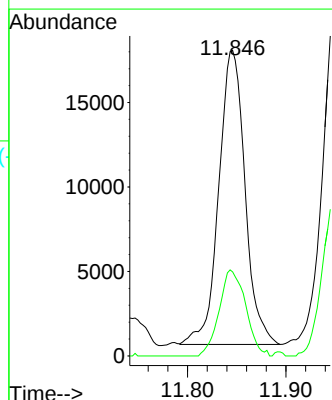
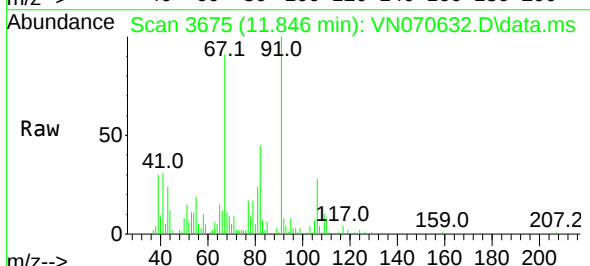


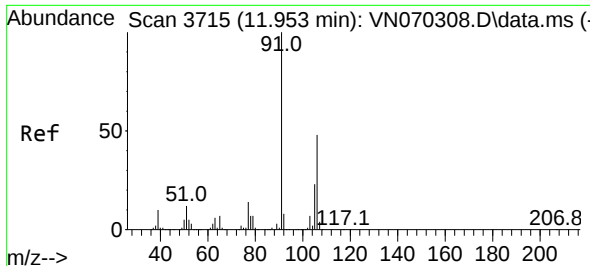
Tgt Ion:117 Resp: 1312466
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.7 25.4 38.2



#67
Ethyl Benzene
Concen: 0.634 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 91 Resp: 32373
Ion Ratio Lower Upper
91 100
106 28.6 25.7 38.5

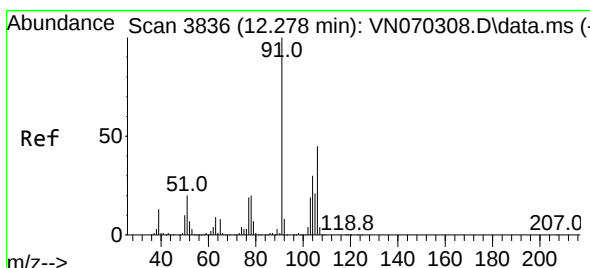
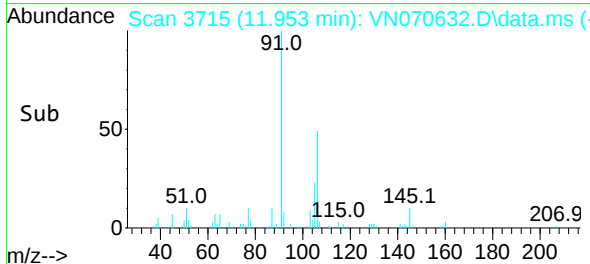
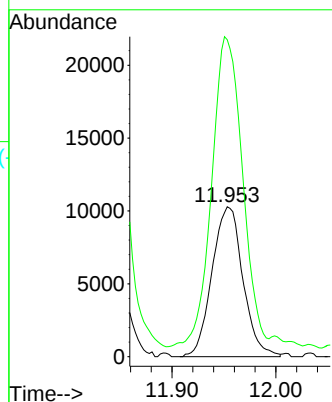
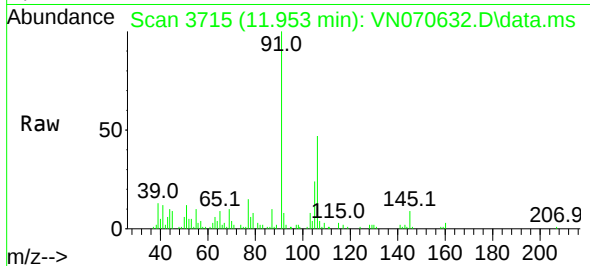




#68
m/p-Xylenes
Concen: 1.144 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

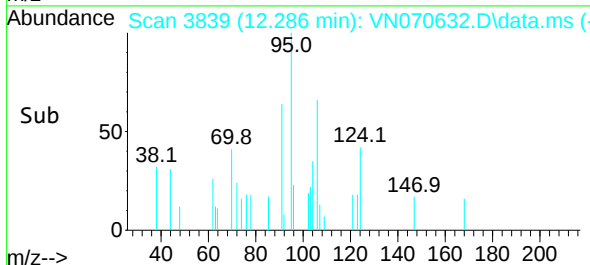
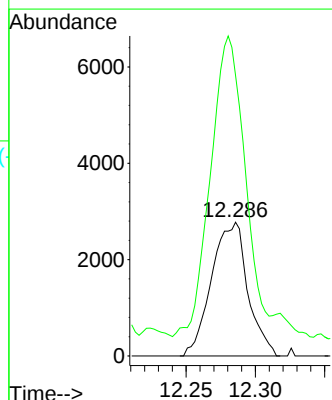
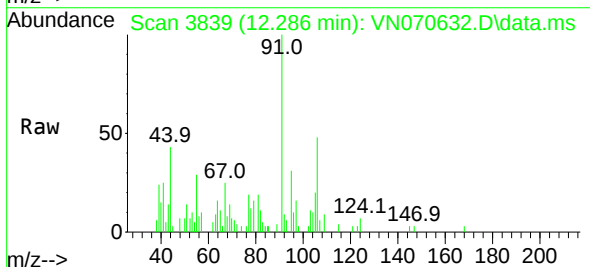
Instrument :
MSVOA_N
ClientSampleId :

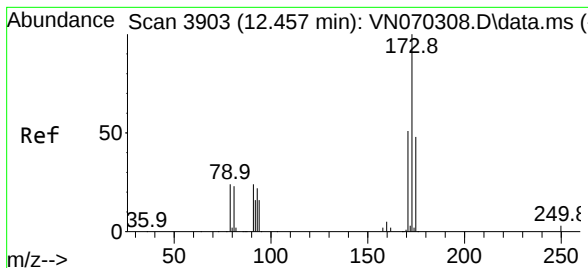
Tgt Ion:106 Resp: 21251
Ion Ratio Lower Upper
106 100
91 204.9 160.6 240.8



#69
o-Xylene
Concen: 0.273 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.008 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion:106 Resp: 5040
Ion Ratio Lower Upper
106 100
91 214.9 105.8 317.3





#71

Bromoform

Concen: 0.207 ug/l

RT: 12.723 min Scan# 4002

Delta R.T. 0.266 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

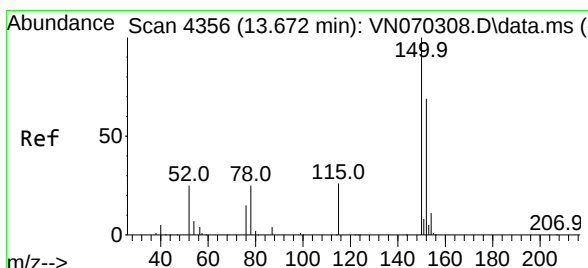
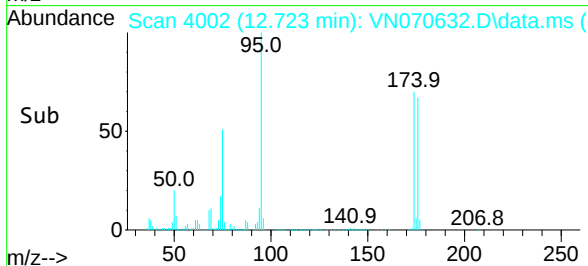
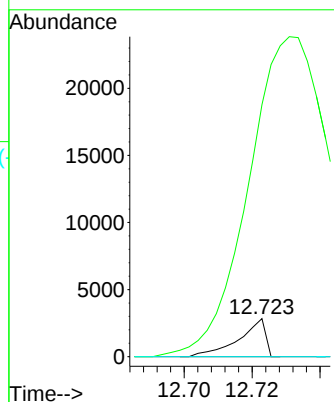
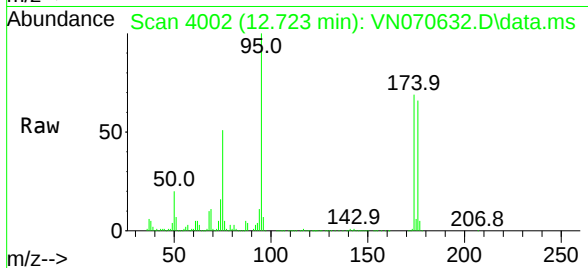
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1530

Ion	Ratio	Lower	Upper
173	100		
175	2507.3	24.2	72.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

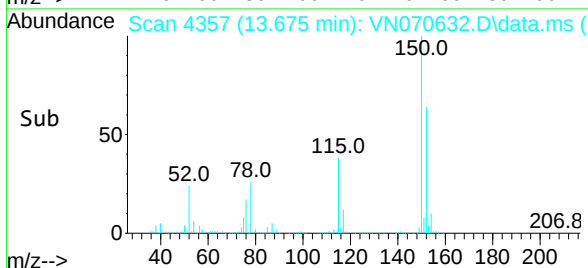
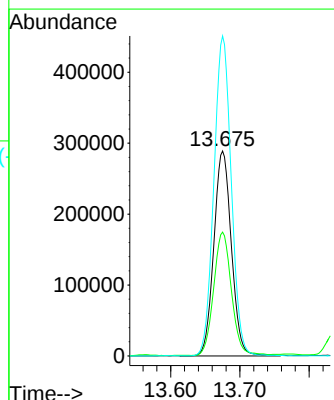
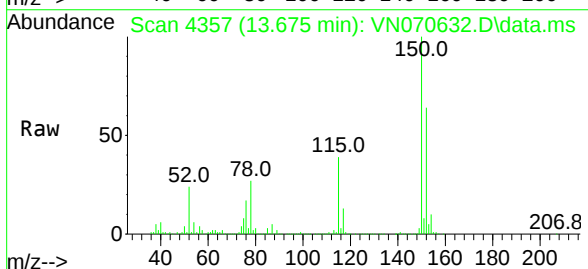
Delta R.T. 0.003 min

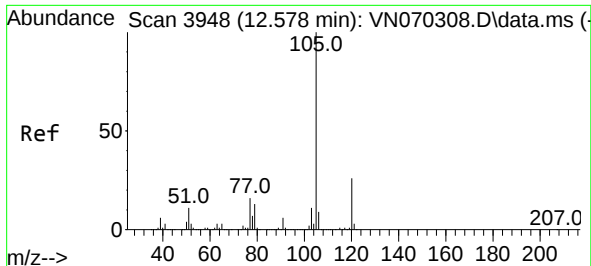
Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Tgt Ion:152 Resp: 509151

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.5	82.5
150	154.2	0.0	344.4

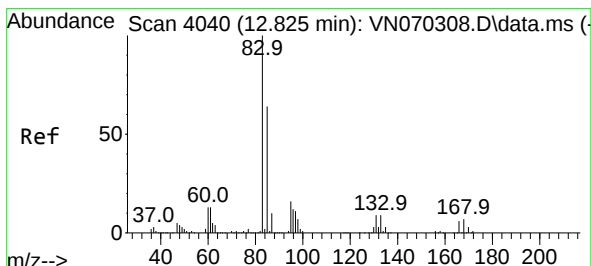
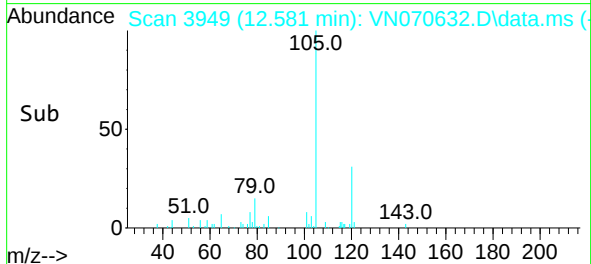
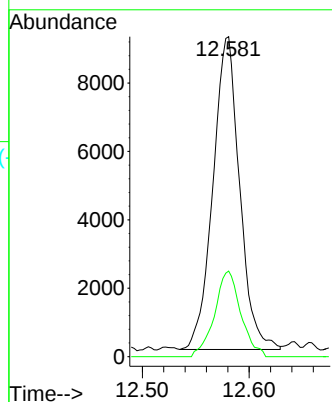
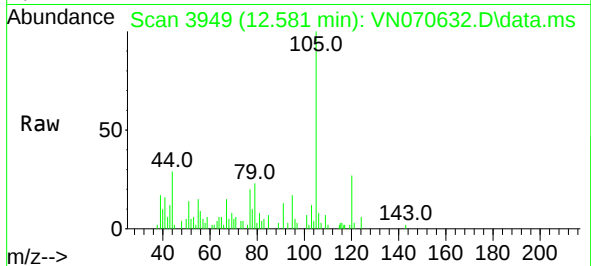




#73
Isopropylbenzene
Concen: 0.336 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

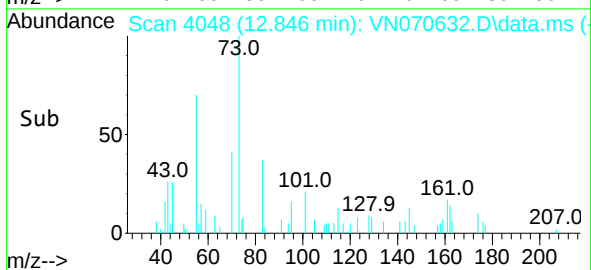
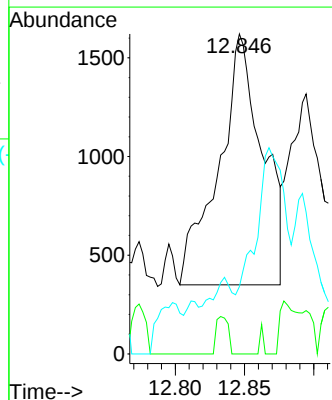
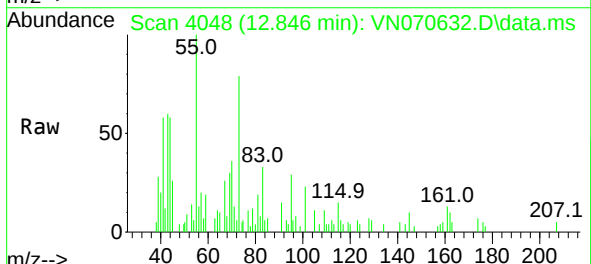
Instrument :
MSVOA_N
ClientSampleId :

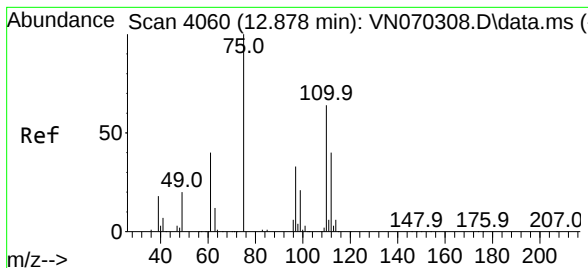
Tgt Ion:105 Resp: 15889
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#75
1,1,2,2-Tetrachloroethane
Concen: 0.608 ug/l
RT: 12.846 min Scan# 4048
Delta R.T. 0.021 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 83 Resp: 2782
Ion Ratio Lower Upper
83 100
131 4.0 5.5 16.5#
85 0.0 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 26.619 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.147 min

Lab File: VN070632.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_N

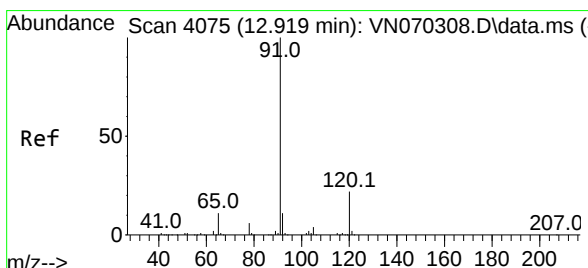
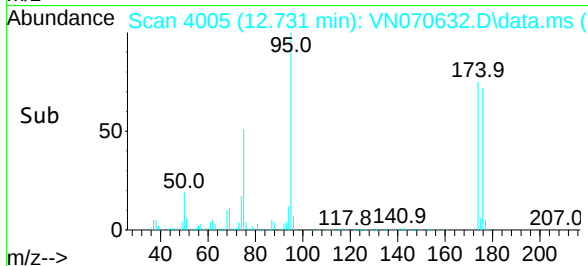
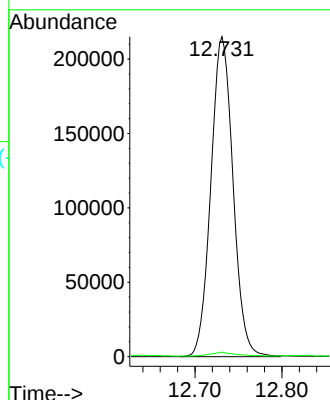
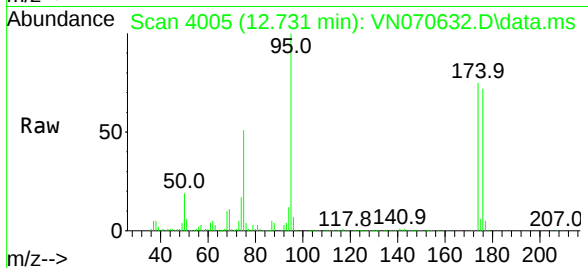
ClientSampleId :

Tgt Ion: 75 Resp: 380846

Ion Ratio Lower Upper

75 100

77 1.4 82.6 247.8#



#78

n-propylbenzene

Concen: 0.875 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.002 min

Lab File: VN070632.D

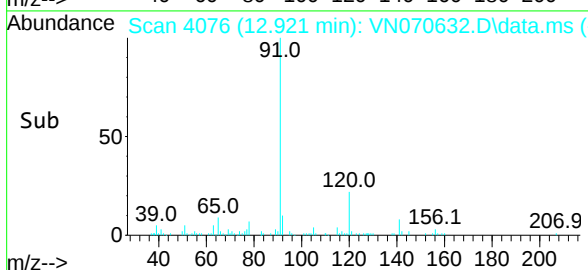
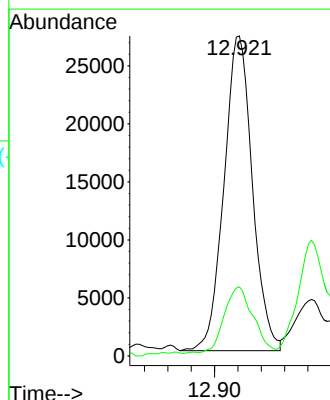
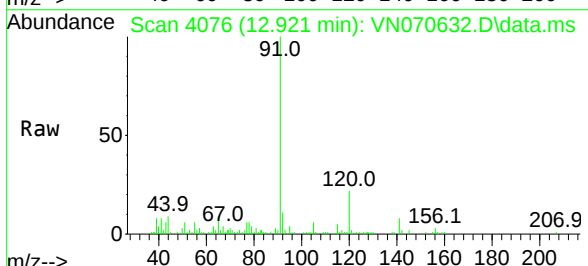
Acq: 14 Jan 2022 19:03

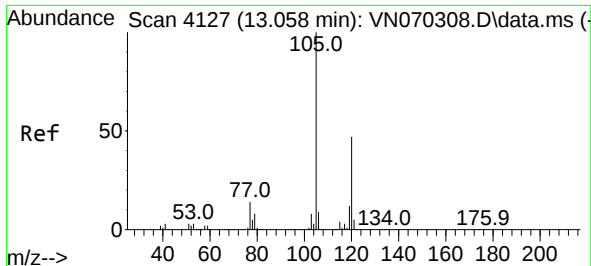
Tgt Ion: 91 Resp: 45853

Ion Ratio Lower Upper

91 100

120 21.0 11.9 35.9

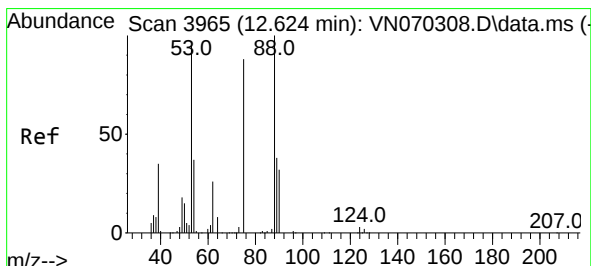
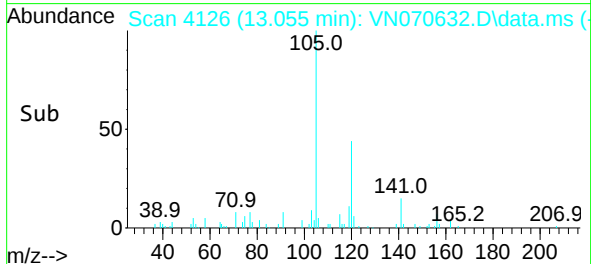
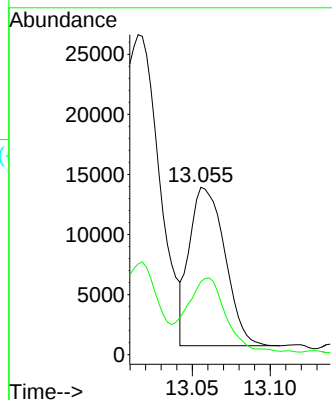
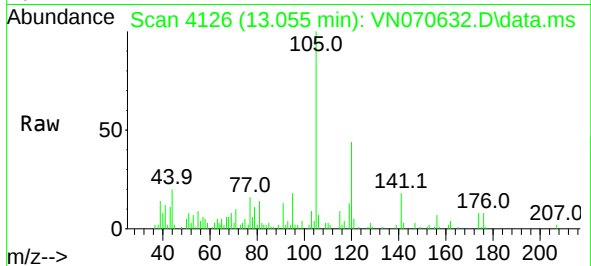




#80
 1,3,5-Trimethylbenzene
 Concen: 0.549 ug/l
 RT: 13.055 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

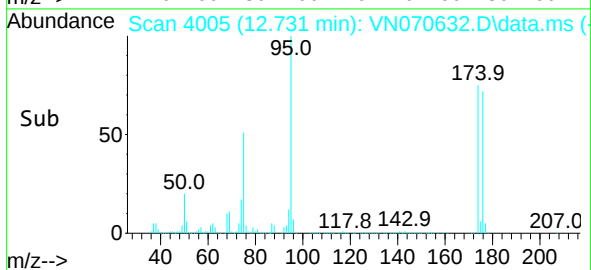
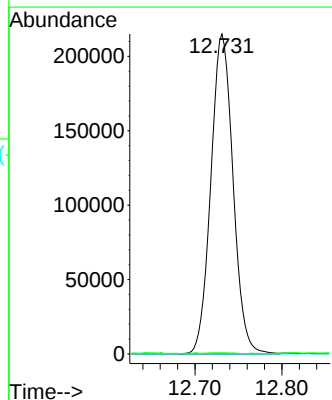
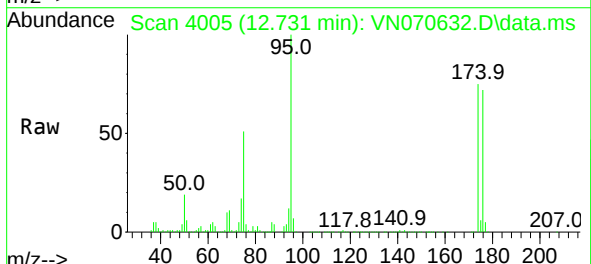
Instrument :
 MSVOA_N
 ClientSampleId :

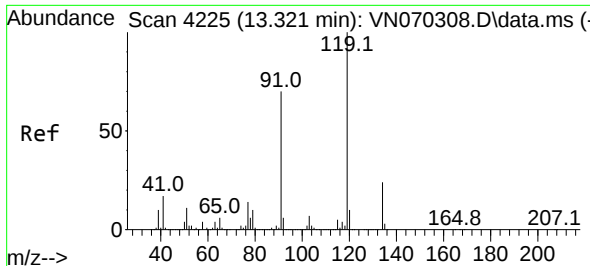
Tgt Ion:105 Resp: 20798
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.389 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Tgt Ion: 75 Resp: 380846
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#

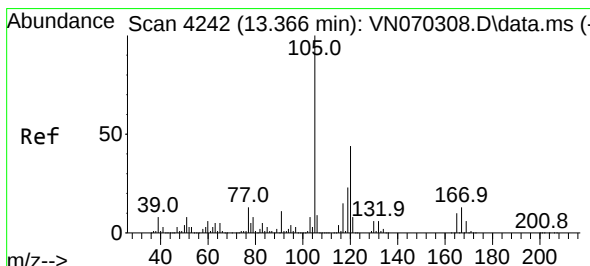
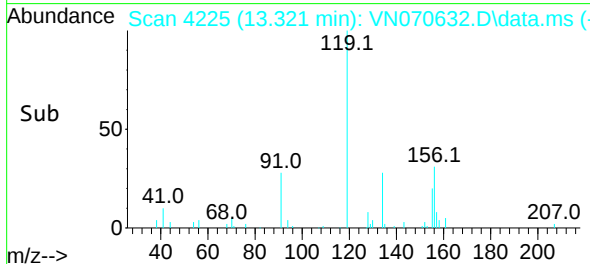
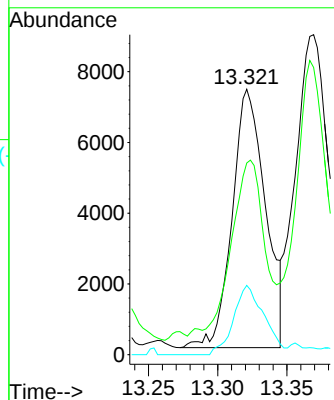
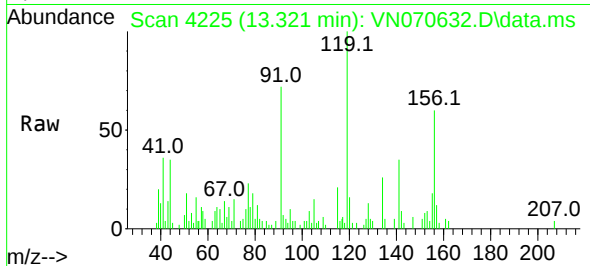




#83
 tert-Butylbenzene
 Concen: 0.366 ug/l
 RT: 13.321 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

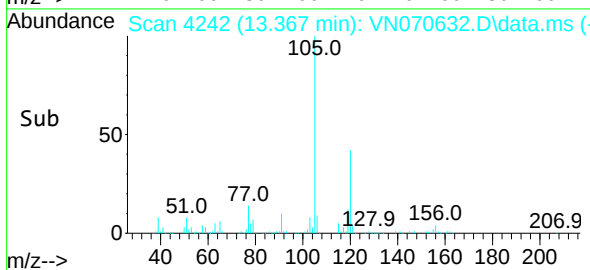
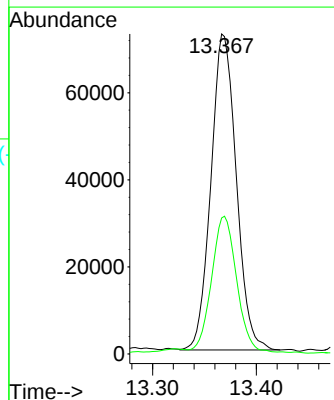
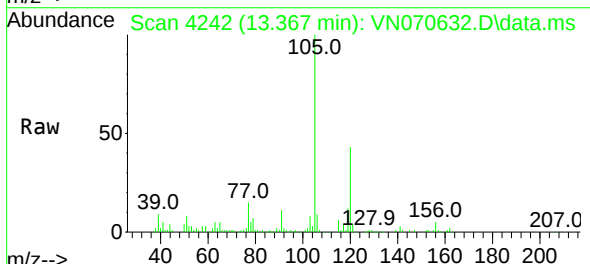
Instrument :
 MSVOA_N
 ClientSampleId :

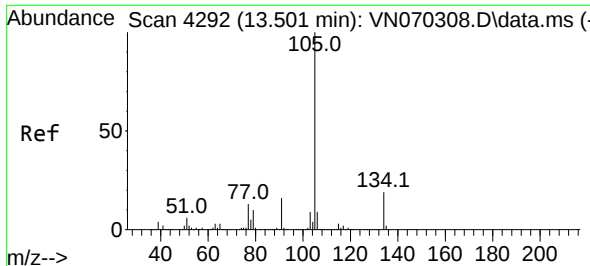
Tgt Ion:119 Resp: 12224
 Ion Ratio Lower Upper
 119 100
 91 67.0 31.5 94.5
 134 24.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.376 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. 0.001 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Tgt Ion:105 Resp: 123182
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.8 68.4

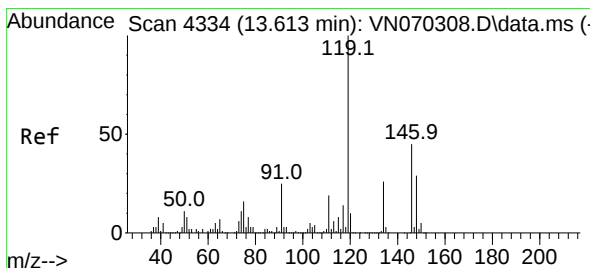
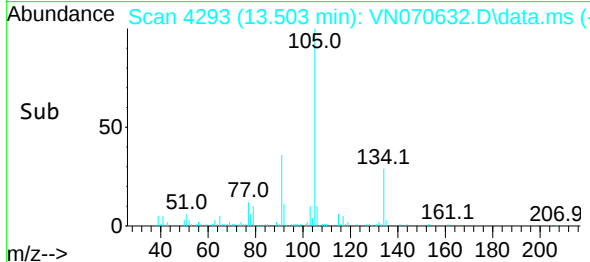
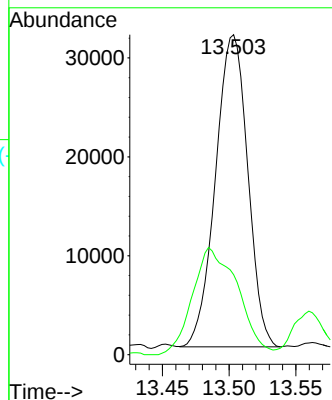
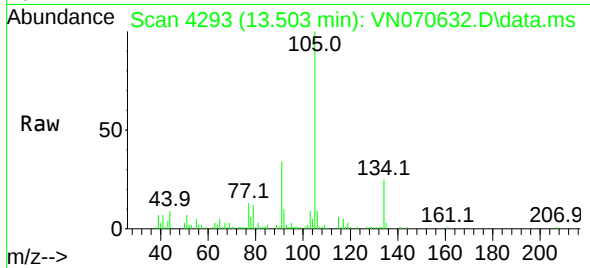




#85
 sec-Butylbenzene
 Concen: 1.170 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

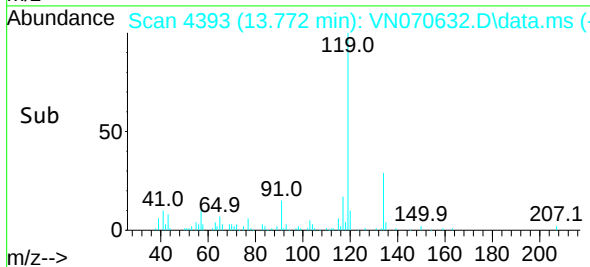
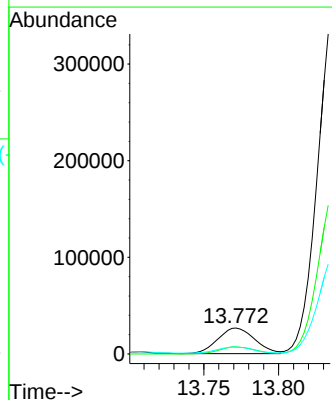
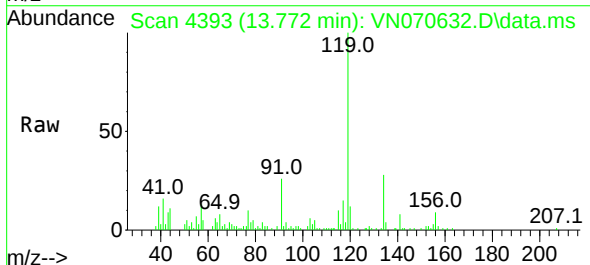
Instrument :
 MSVOA_N
 ClientSampleId :

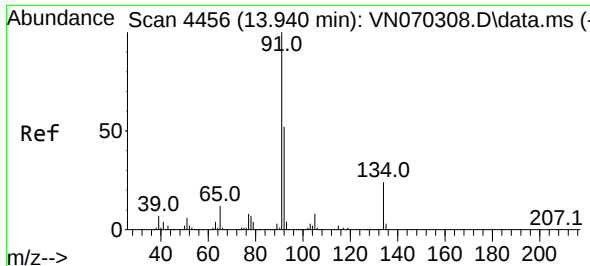
Tgt Ion:105 Resp: 53016
 Ion Ratio Lower Upper
 105 100
 134 48.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.284 ug/l
 RT: 13.772 min Scan# 4393
 Delta R.T. 0.159 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Tgt Ion:119 Resp: 45699
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 22.9 11.4 34.1

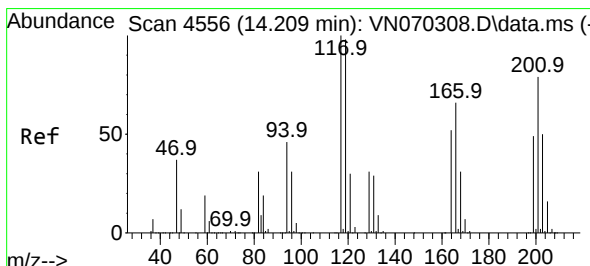
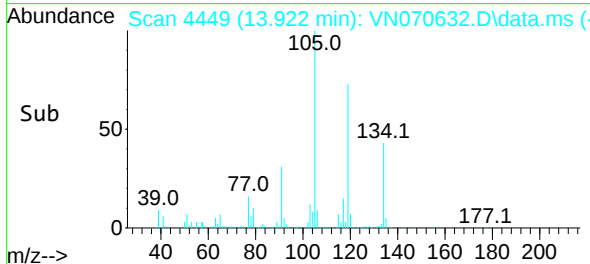
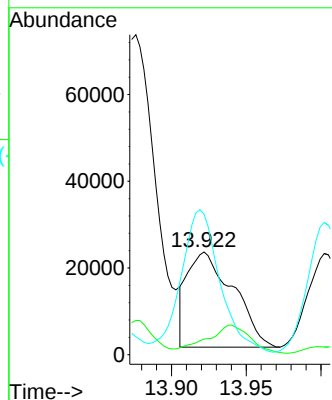
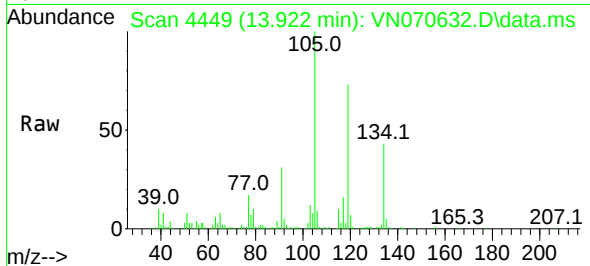




#89
n-Butylbenzene
Concen: 1.577 ug/l
RT: 13.922 min Scan# 4456
Delta R.T. -0.018 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

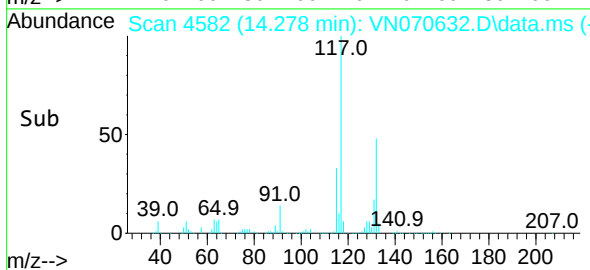
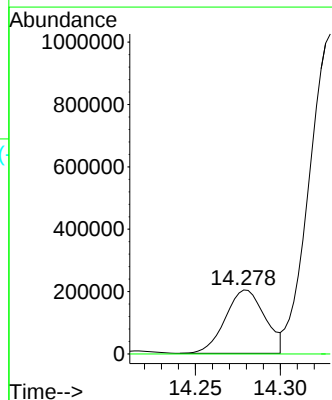
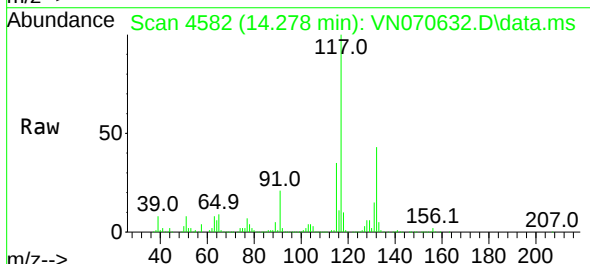
Instrument :
MSVOA_N
ClientSampleId :

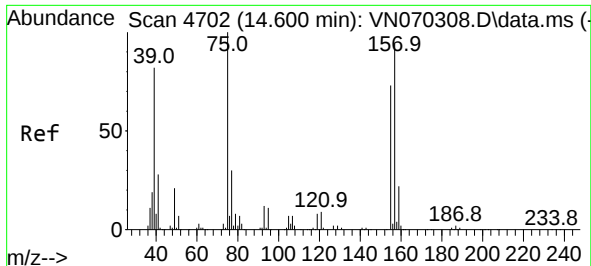
Tgt Ion: 91 Resp: 46794
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 125.8 13.6 40.8#



#90
Hexachloroethane
Concen: 53.794 ug/l
RT: 14.278 min Scan# 4582
Delta R.T. 0.069 min
Lab File: VN070632.D
Acq: 14 Jan 2022 19:03

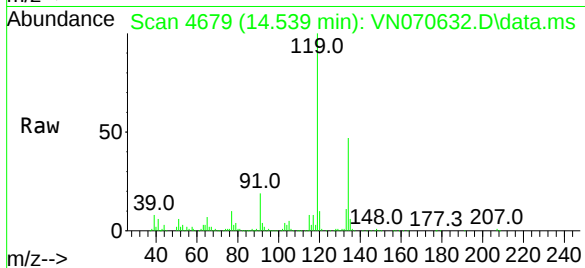
Tgt Ion: 117 Resp: 332522
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



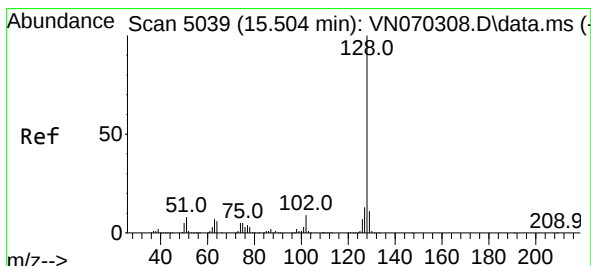
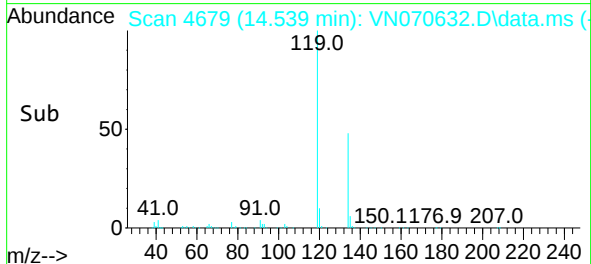
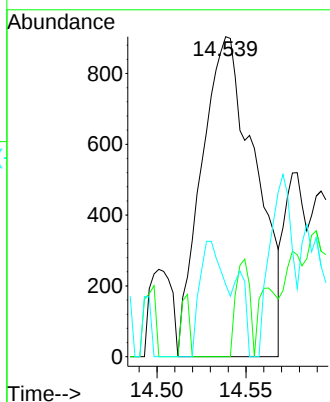


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.695 ug/l
 RT: 14.539 min Scan# 4679
 Delta R.T. -0.061 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Instrument :
 MSVOA_N
 ClientSampleId :

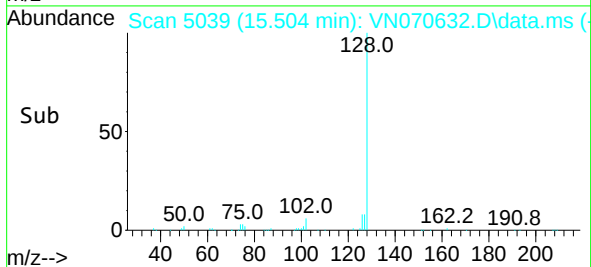
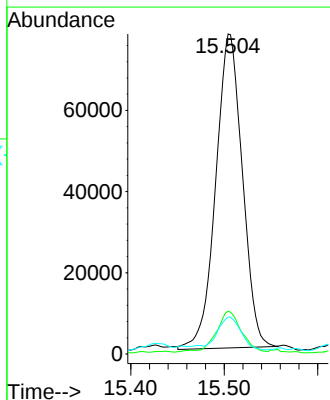
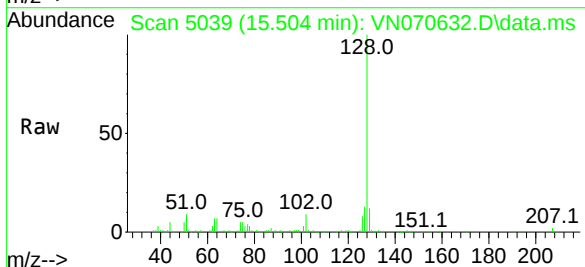


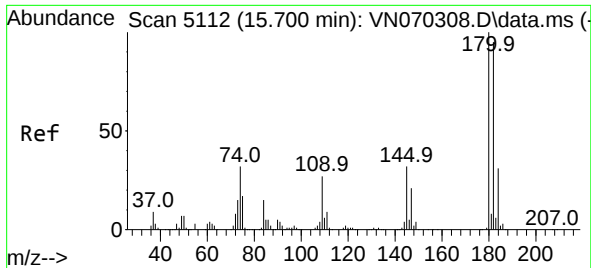
Tgt Ion: 75 Resp: 1903
 Ion Ratio Lower Upper
 75 100
 155 7.7 46.9 140.7#
 157 5.6 60.6 181.7#



#95
 Naphthalene
 Concen: 8.158 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. 0.000 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

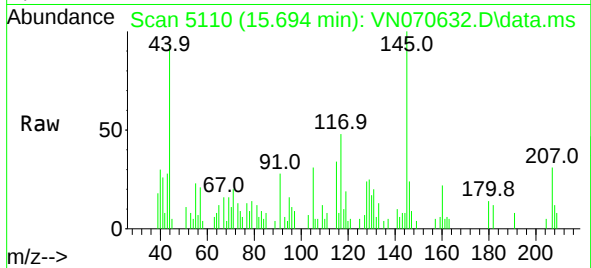
Tgt Ion: 128 Resp: 153066
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.5 15.7
 129 9.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.892 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN070632.D
 Acq: 14 Jan 2022 19:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 539
 Ion Ratio Lower Upper
 180 100
 182 118.9 47.4 142.2
 145 0.0 15.0 45.1#

