

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070335.D
 Acq On : 28 Dec 2021 19:36
 Operator : JC/MD
 Sample : M5198-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 28 20:31:05 2021
 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	8.088	168	1028976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1767881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1603805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	549296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	790847	53.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.900%
35) Dibromofluoromethane	8.024	113	554556	51.844	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.680%
50) Toluene-d8	10.443	98	2154271	49.301	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.731	95	673103	42.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	3962	0.340	ug/l	94
3) Chloromethane	2.306	50	7681	0.484	ug/l	95
4) Vinyl Chloride	2.451	62	4189	0.290	ug/l	91
5) Bromomethane	2.880	94	4390	0.589	ug/l	88
7) Trichlorofluoromethane	3.381	101	4406	0.253	ug/l	92
13) Acrolein	4.039	56	3956	1.979	ug/l #	32
15) Acrylonitrile	5.565	53	1921	0.250	ug/l #	59
16) Acetone	4.291	43	188117	19.587	ug/l	97
17) Carbon Disulfide	4.529	76	13379	0.468	ug/l	99
18) Methyl Acetate	4.867	43	22169	0.798	ug/l #	71
19) Methyl tert-butyl Ether	5.629	73	8026	0.206	ug/l	95
20) Methylene Chloride	5.095	84	145015	10.913	ug/l	87
24) 1,1-Dichloroethane	6.385	63	5492	0.229	ug/l #	83
25) 2-Butanone	7.351	43	26186	2.165	ug/l	96
28) Bromochloromethane	7.659	49	2815	0.240	ug/l #	84
29) Tetrahydrofuran	7.699	42	5099	0.707	ug/l #	64
30) Chloroform	7.817	83	5332	0.230	ug/l	97
31) Cyclohexane	8.086	56	29731	1.273	ug/l #	29
32) 1,1,1-Trichloroethane	8.019	97	4497	0.230	ug/l #	38
36) 1,1-Dichloropropene	8.086	75	83902	4.742	ug/l #	49
37) Ethyl Acetate	7.351	43	26186	1.142	ug/l #	68
38) Carbon Tetrachloride	8.209	117	4429	0.262	ug/l	84
39) Methylcyclohexane	9.459	83	4434	0.207	ug/l	89
40) Benzene	8.464	78	13817	0.255	ug/l	95
42) 1,2-Dichloroethane	8.533	62	7373	0.362	ug/l	91
43) Isopropyl Acetate	8.560	43	142477	3.940	ug/l #	87
44) Trichloroethene	9.209	130	3401	0.264	ug/l	97
45) 1,2-Dichloropropane	9.496	63	3756	0.257	ug/l	92
47) Bromodichloromethane	9.765	83	4180	0.232	ug/l	94
48) Methyl methacrylate	9.547	41	36950	2.142	ug/l #	9
49) 1,4-Dioxane	9.585	88	584	2.313	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	37681	1.658	ug/l	97
52) Toluene	10.502	92	8673	0.264	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	4810	0.246	ug/l	99
54) cis-1,3-Dichloropropene	10.242	75	183241	8.676	ug/l #	67
55) 1,1,2-Trichloroethane	10.899	97	3164	0.244	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

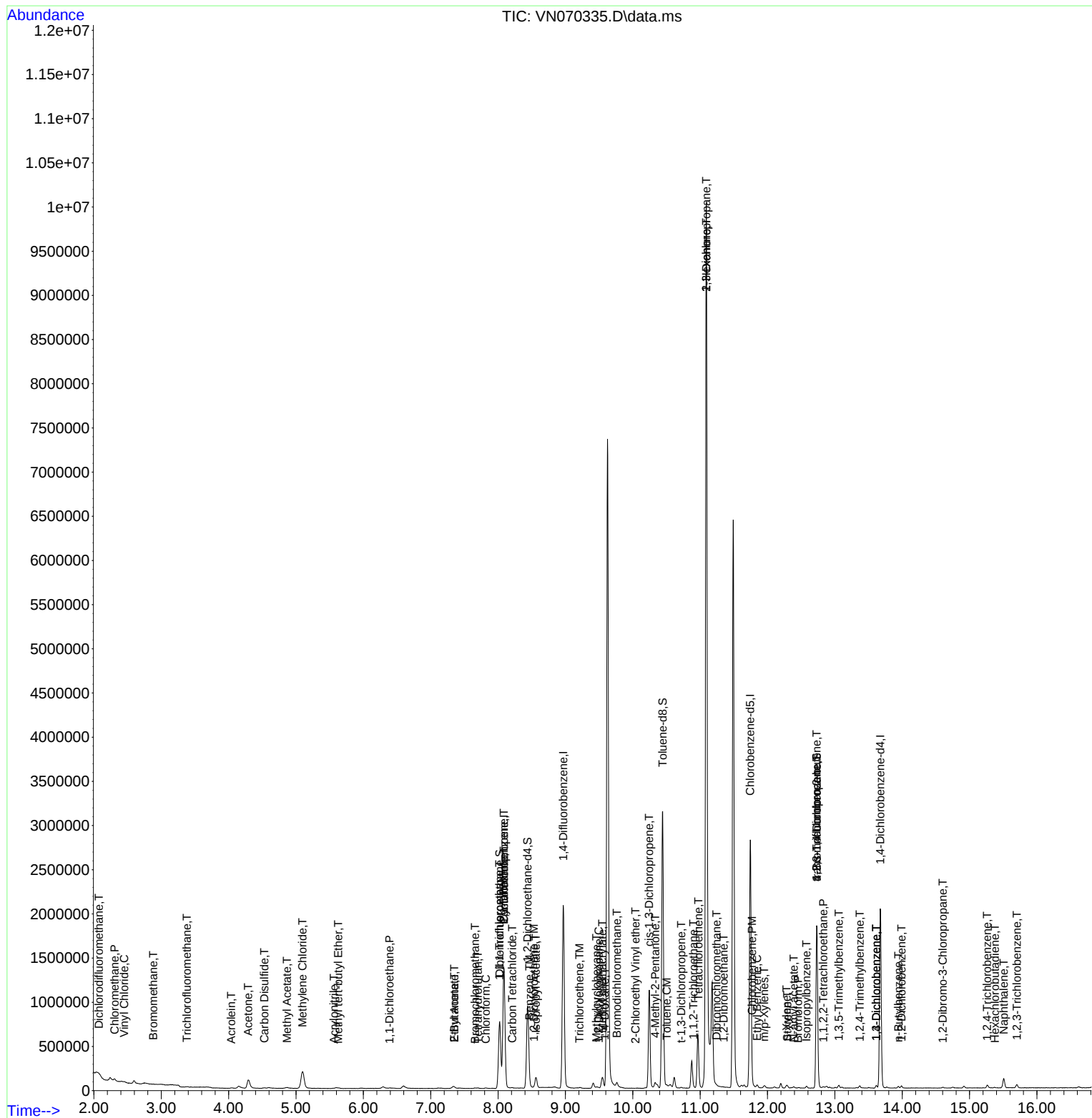
57) 1,3-Dichloropropane	11.089	76	96385	4.194	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.041	63	232	18.552	ug/l #	45
59) 2-Hexanone	11.092	43	1820512	109.865	ug/l #	49
60) Dibromochloromethane	11.242	129	2924	0.231	ug/l	87
61) 1,2-Dibromoethane	11.347	107	3510	0.266	ug/l	100
64) Tetrachloroethene	10.974	164	3001	0.258	ug/l #	83
65) Chlorobenzene	11.771	112	10281	0.302	ug/l	98
67) Ethyl Benzene	11.843	91	16436	0.264	ug/l	95
68) m/p-Xylenes	11.953	106	7991	0.352	ug/l	80
69) o-Xylene	12.283	106	5310	0.235	ug/l	82
70) Styrene	12.296	104	9477	0.265	ug/l	96
71) Bromoform	12.455	173	2596	0.288	ug/l #	97
73) Isopropylbenzene	12.578	105	11908	0.233	ug/l	100
74) N-amyl acetate	12.390	43	10568	0.493	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.830	83	6327	0.785	ug/l #	95
76) 1,2,3-Trichloropropane	12.731	75	357163	23.496	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	13015	0.318	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	357163	79.442	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	13912	0.353	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	8502	0.434	ug/l	96
88) 1,4-Dichlorobenzene	13.616	146	8502	0.440	ug/l	96
89) n-Butylbenzene	13.943	91	10333	0.323	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	9219	0.480	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2559	0.866	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	11486	1.268	ug/l	94
94) Hexachlorobutadiene	15.375	225	1207	0.229	ug/l	91
95) Naphthalene	15.507	128	100602	5.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	12708	2.269	ug/l	95

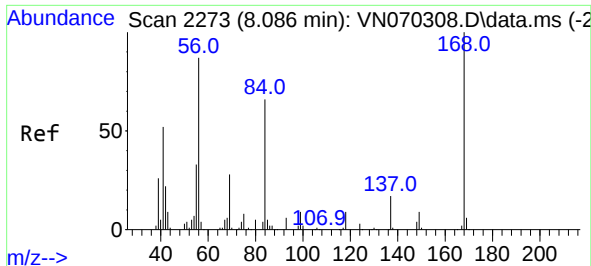
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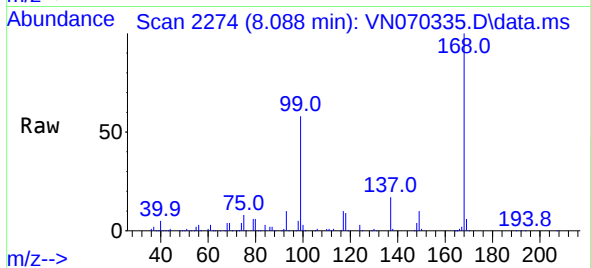
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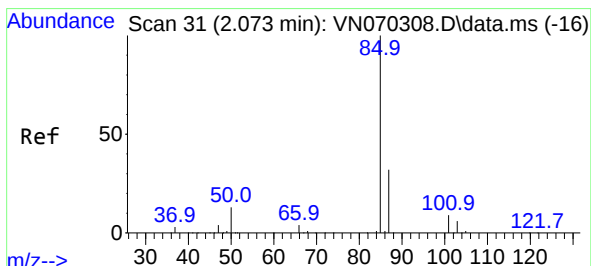
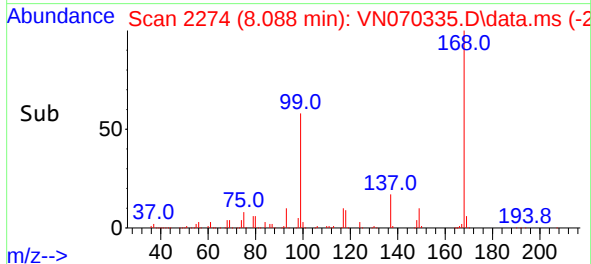
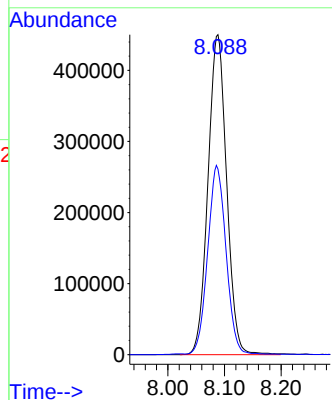


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

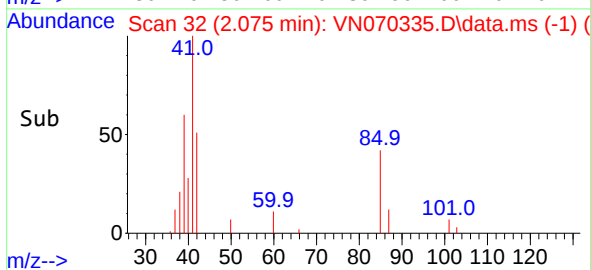
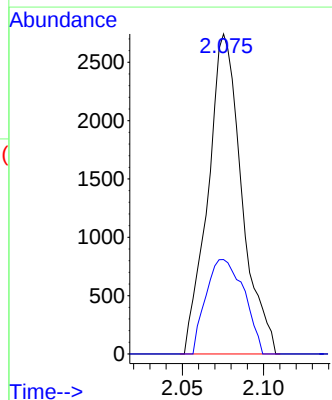
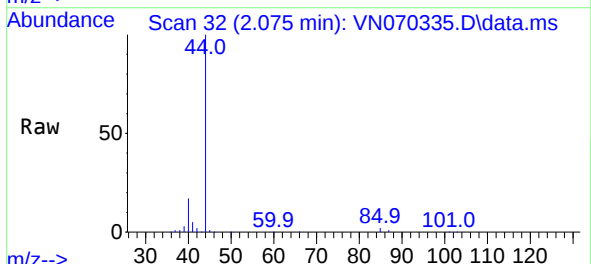


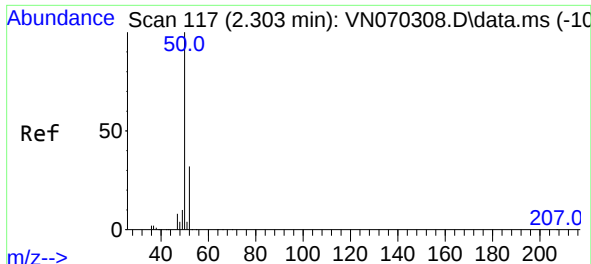
Tgt Ion:168 Resp: 1028976
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.340 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 85 Resp: 3962
Ion Ratio Lower Upper
85 100
87 29.5 16.3 48.9

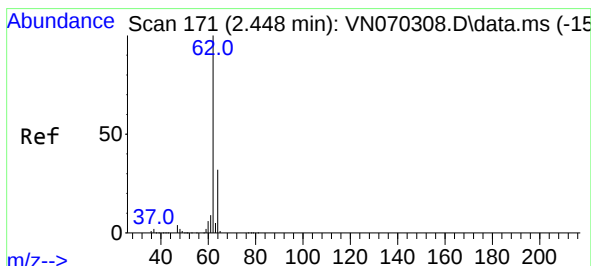
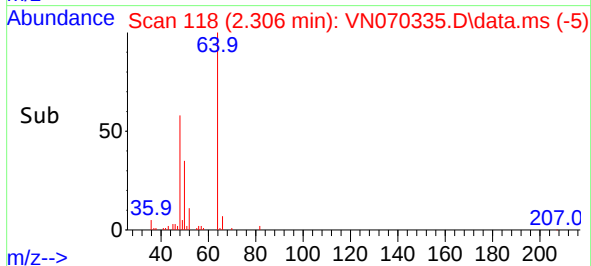
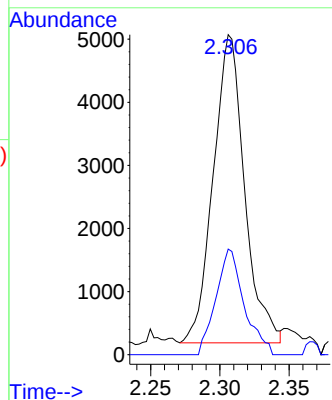
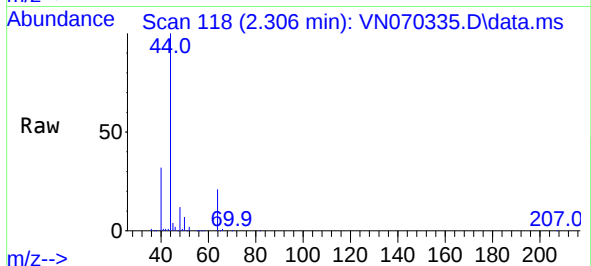




#3
Chloromethane
Concen: 0.484 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

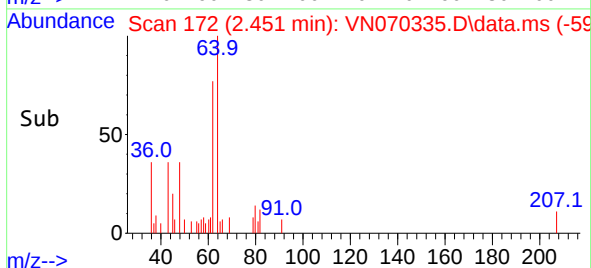
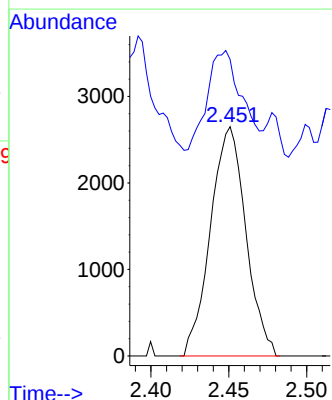
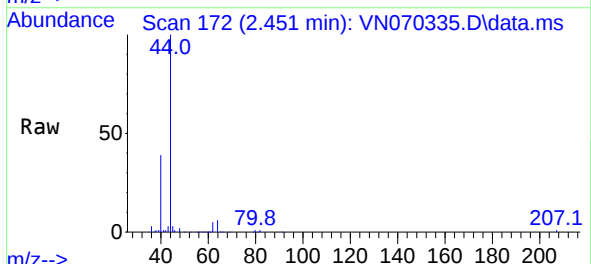
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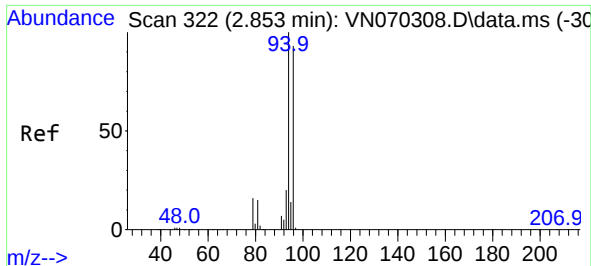
Tgt Ion: 50 Resp: 7681
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.0



#4
Vinyl Chloride
Concen: 0.290 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

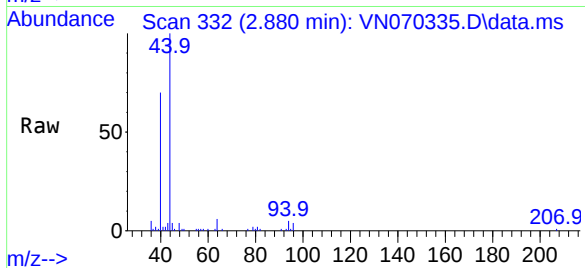
Tgt Ion: 62 Resp: 4189
Ion Ratio Lower Upper
62 100
64 37.4 25.8 38.6



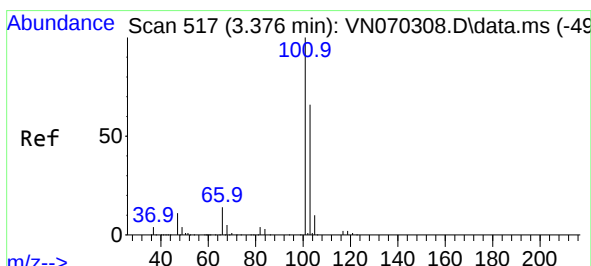
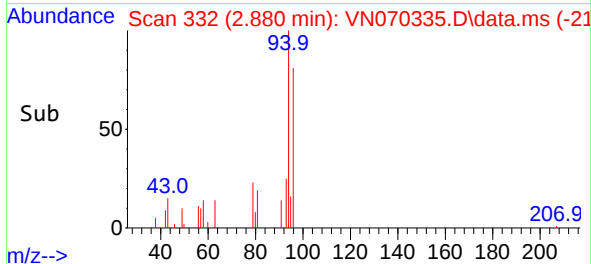
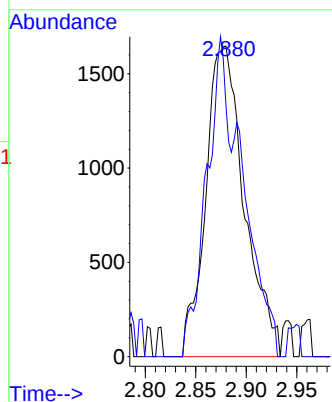


#5
Bromomethane
Concen: 0.589 ug/l
RT: 2.880 min Scan# 31
Delta R.T. 0.027 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

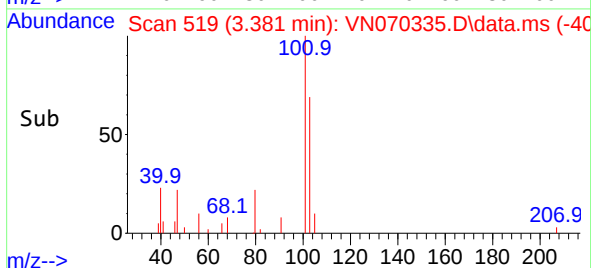
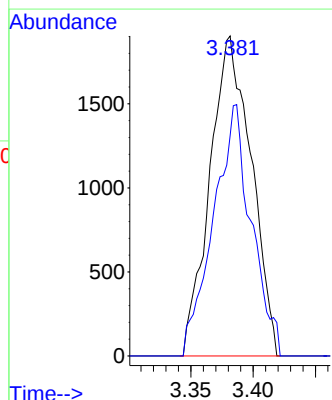
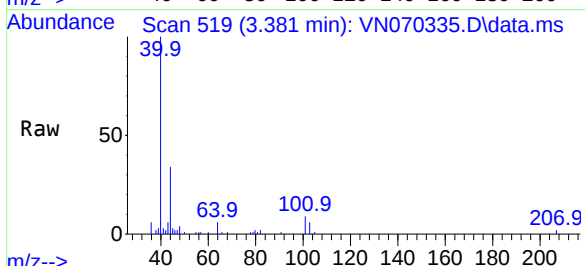


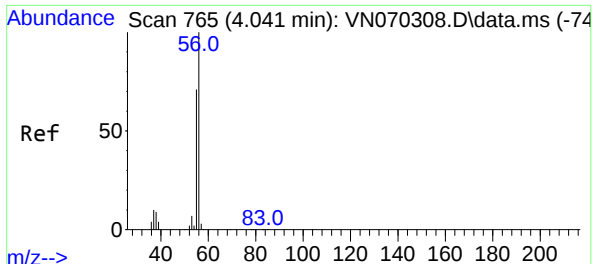
Tgt Ion: 94 Resp: 4390
Ion Ratio Lower Upper
94 100
96 80.9 73.8 110.8



#7
Trichlorofluoromethane
Concen: 0.253 ug/l
RT: 3.381 min Scan# 519
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 101 Resp: 4406
Ion Ratio Lower Upper
101 100
103 68.8 50.1 75.1

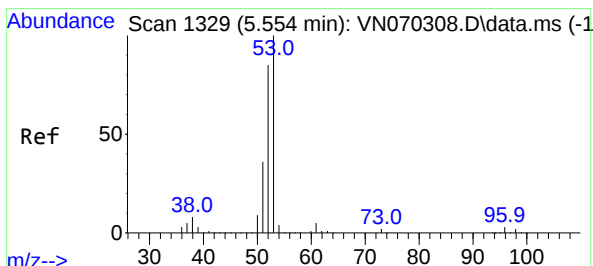
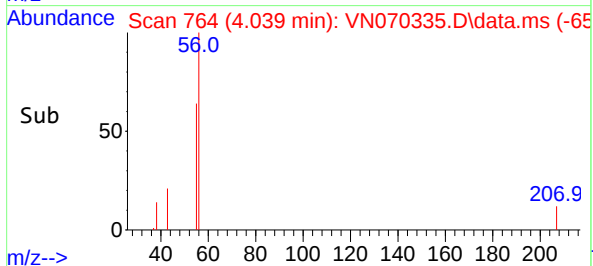
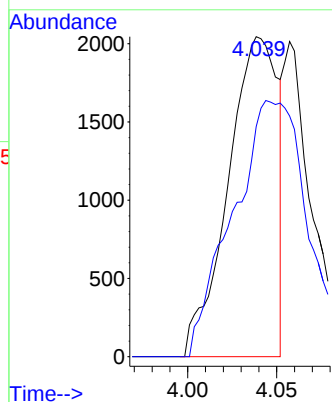
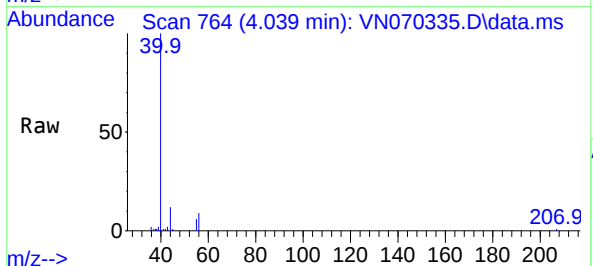




#13
Acrolein
Concen: 1.979 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

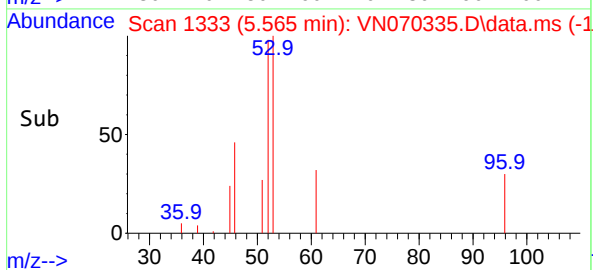
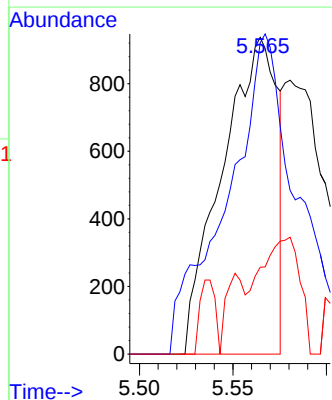
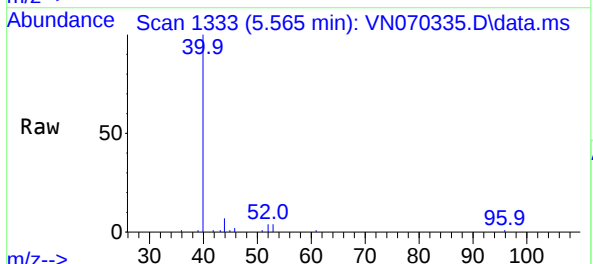
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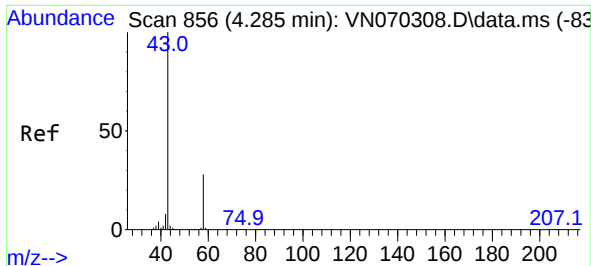
Tgt Ion: 56 Resp: 3956
Ion Ratio Lower Upper
56 100
55 126.6 56.6 85.0#



#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.011 min
Lab File: VN070335.D
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Tgt Ion: 53 Resp: 1921
Ion Ratio Lower Upper
53 100
52 128.0 66.2 99.2#
51 25.6 29.6 44.4#

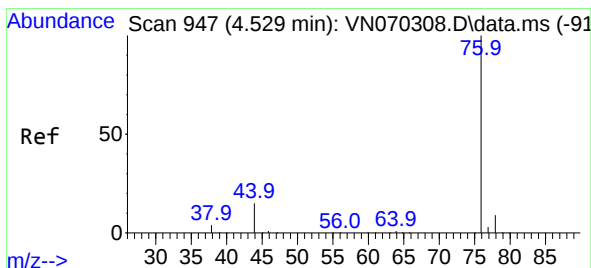
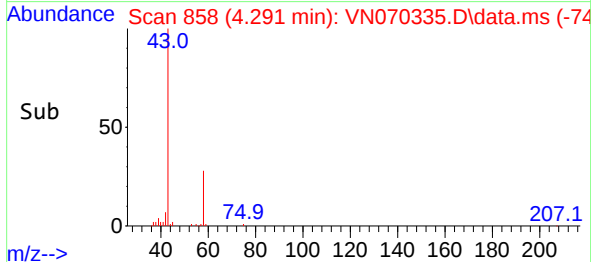
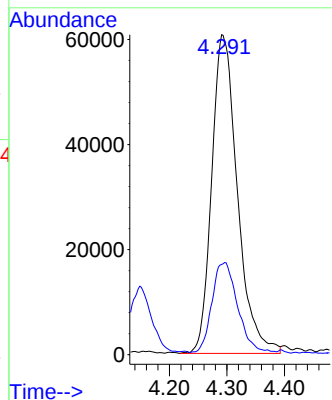
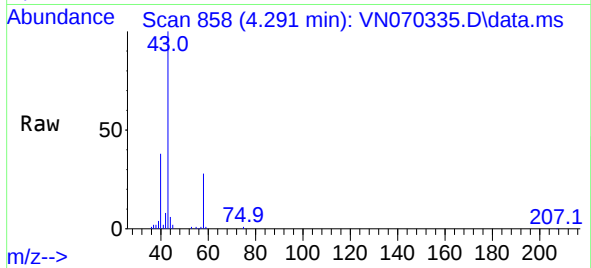




#16
Acetone
Concen: 19.587 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

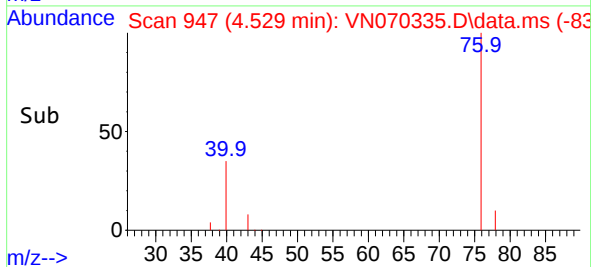
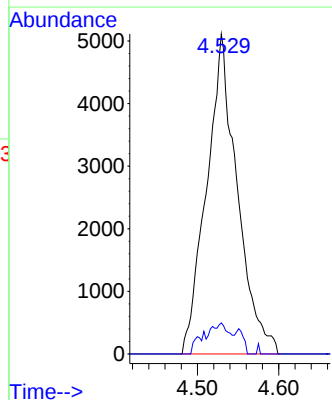
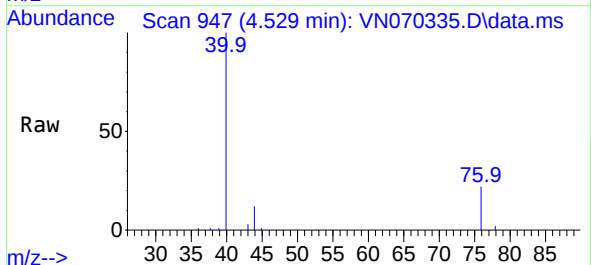
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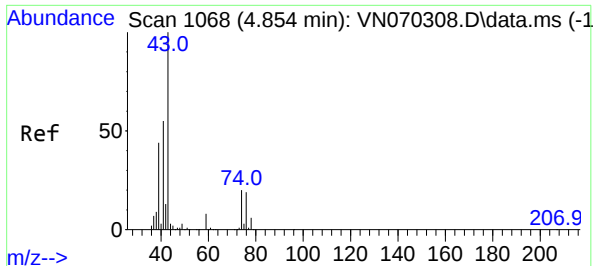
Tgt Ion: 43 Resp: 188117
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7



#17
Carbon Disulfide
Concen: 0.468 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 76 Resp: 13379
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3





#18

Methyl Acetate

Concen: 0.798 ug/l

RT: 4.867 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

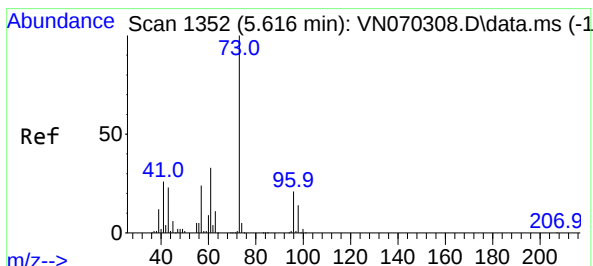
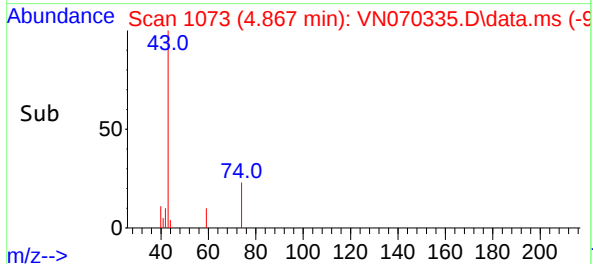
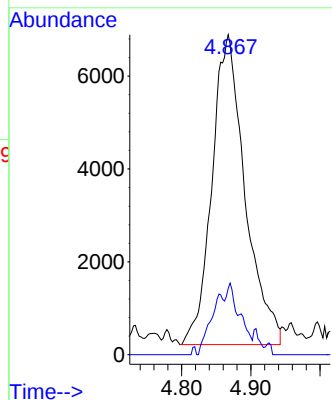
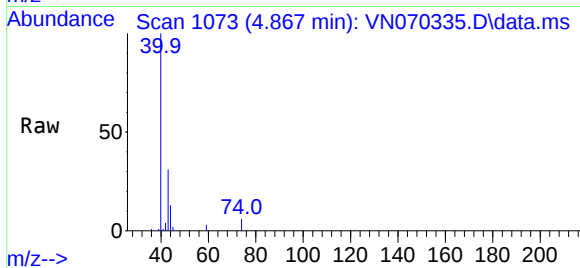
ClientSampleId :

Tgt Ion: 43 Resp: 22169

Ion Ratio Lower Upper

43 100

74 9.8 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.206 ug/l

RT: 5.629 min Scan# 1357

Delta R.T. 0.013 min

Lab File: VN070335.D

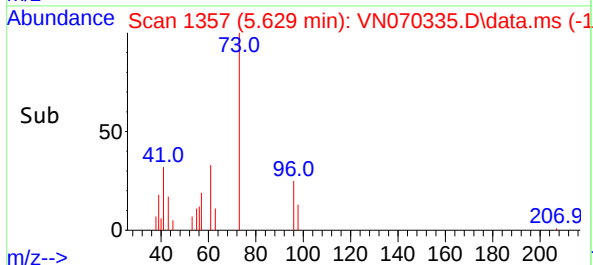
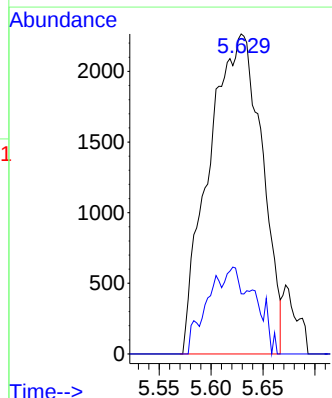
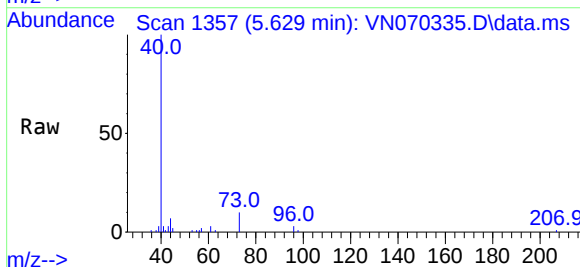
Acq: 28 Dec 2021 19:36

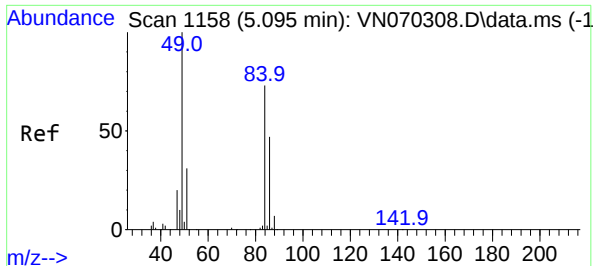
Tgt Ion: 73 Resp: 8026

Ion Ratio Lower Upper

73 100

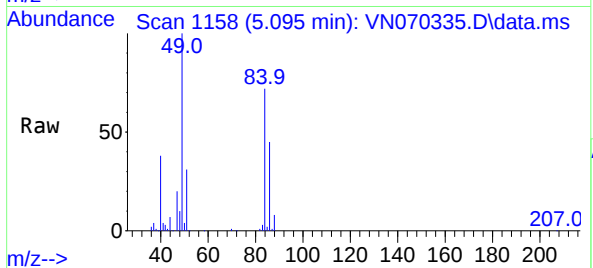
57 18.8 16.8 25.2





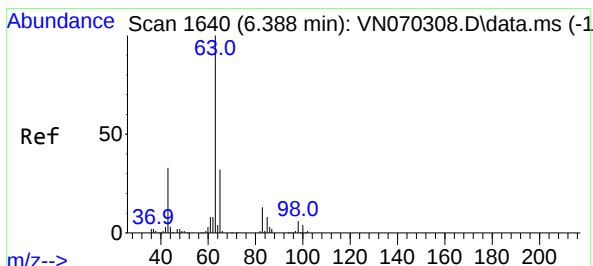
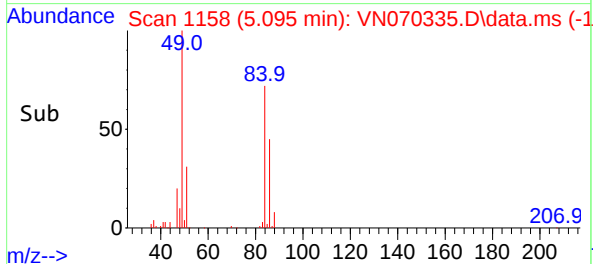
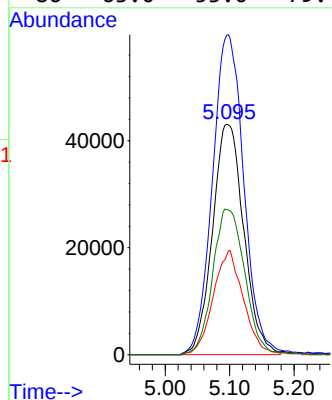
#20
Methylene Chloride
Concen: 10.913 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 145015

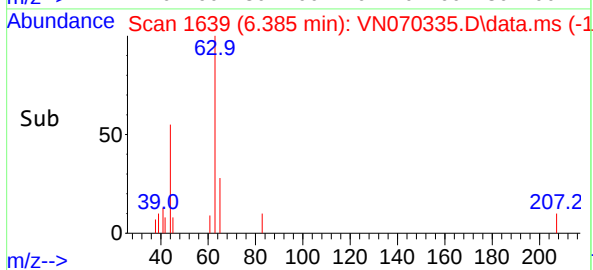
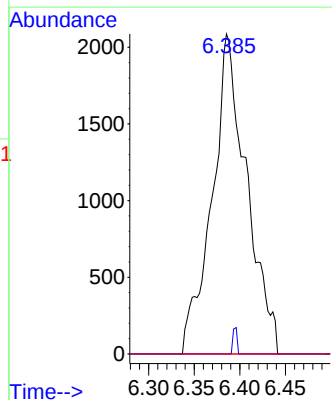
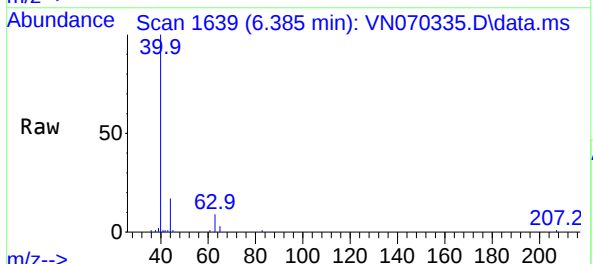
Ion	Ratio	Lower	Upper
84	100		
49	138.5	93.5	140.3
51	43.1	29.4	44.2
86	63.0	53.0	79.4

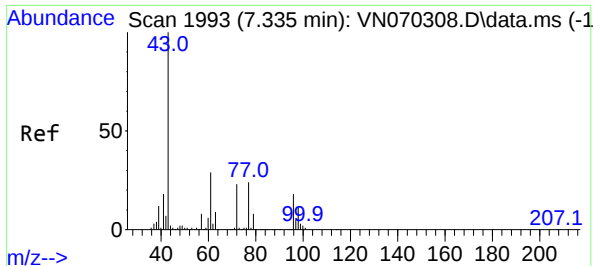


#24
1,1-Dichloroethane
Concen: 0.229 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. -0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 63 Resp: 5492

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.1	6.5#

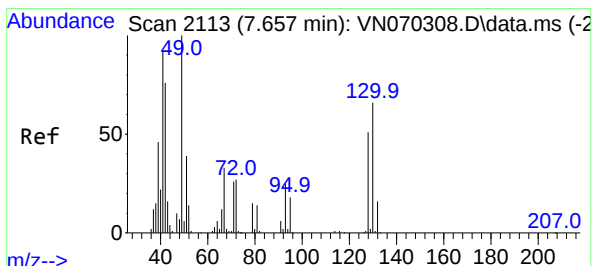
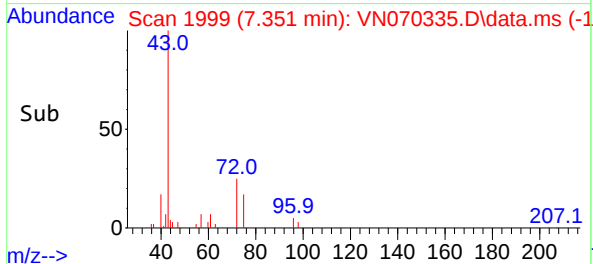
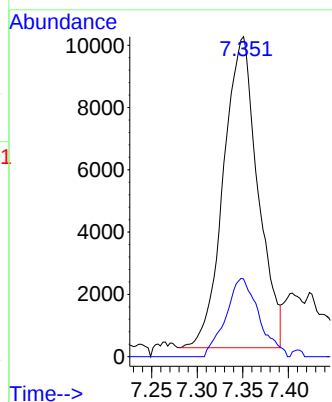
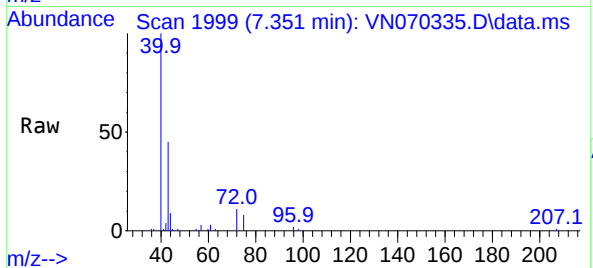




#25
2-Butanone
Concen: 2.165 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

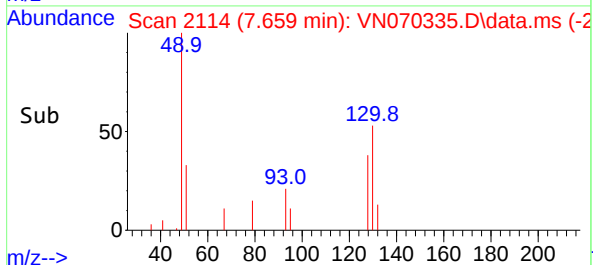
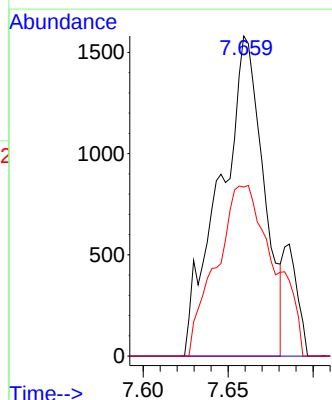
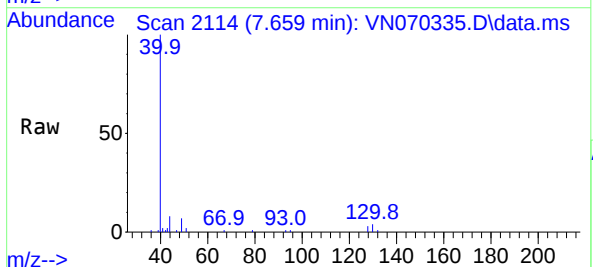
Instrument :
MSVOA_N
ClientSampleId :

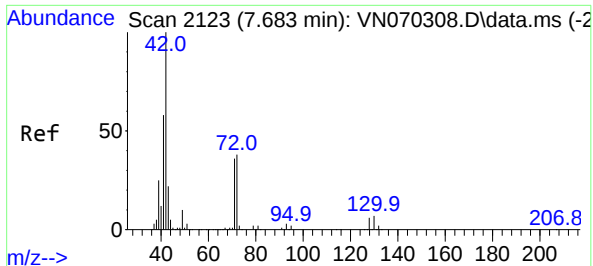
Tgt Ion: 43 Resp: 26186
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5



#28
Bromochloromethane
Concen: 0.240 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 49 Resp: 2815
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 69.9 67.8 101.8





#29

Tetrahydrofuran

Concen: 0.707 ug/l

RT: 7.699 min Scan# 2123

Delta R.T. 0.016 min

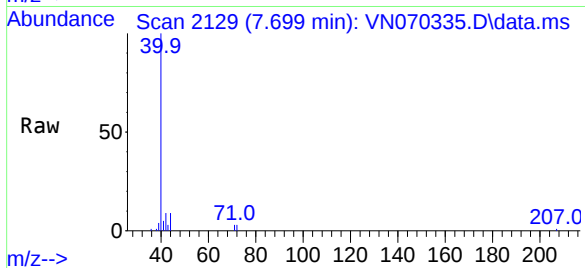
Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

ClientSampleId :



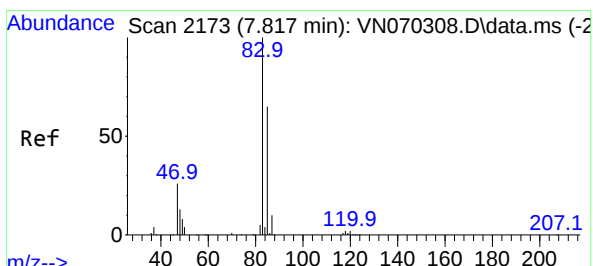
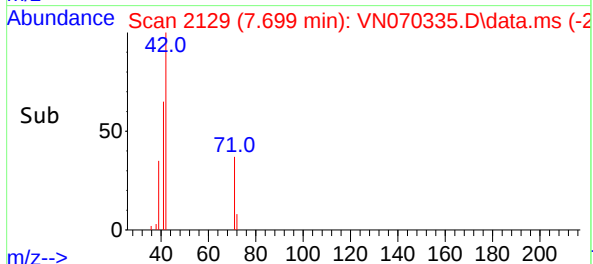
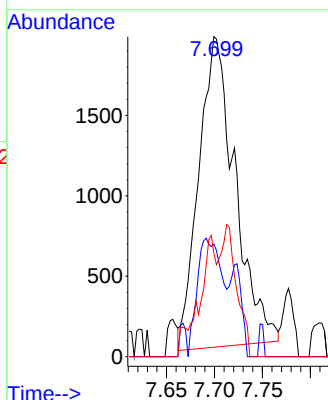
Tgt Ion: 42 Resp: 5099

Ion Ratio Lower Upper

42 100

72 25.7 36.3 54.5#

71 16.0 34.7 52.1#



#30

Chloroform

Concen: 0.230 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN070335.D

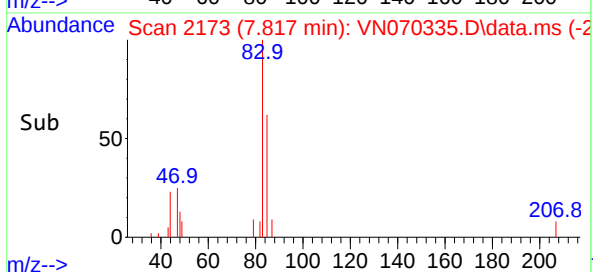
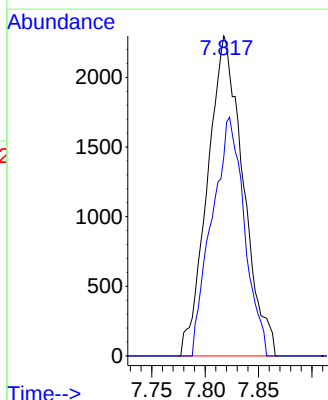
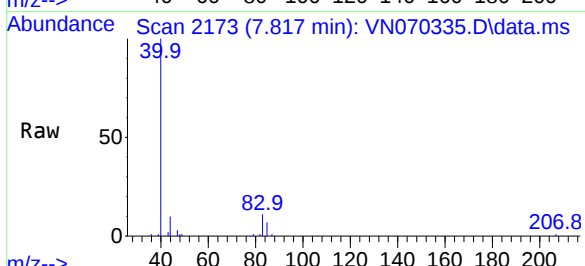
Acq: 28 Dec 2021 19:36

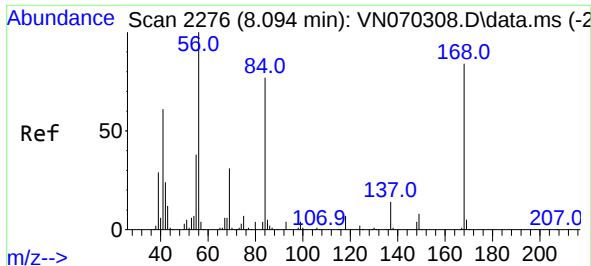
Tgt Ion: 83 Resp: 5332

Ion Ratio Lower Upper

83 100

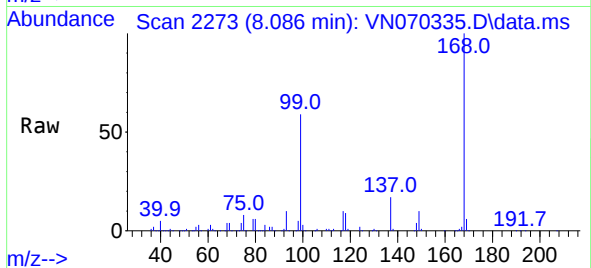
85 62.2 51.9 77.9



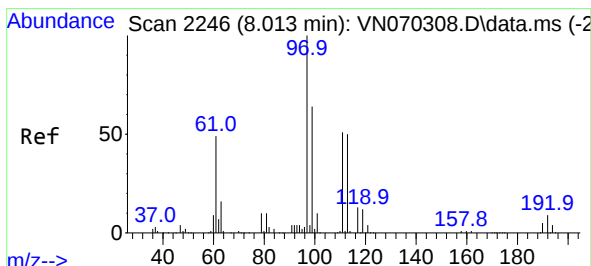
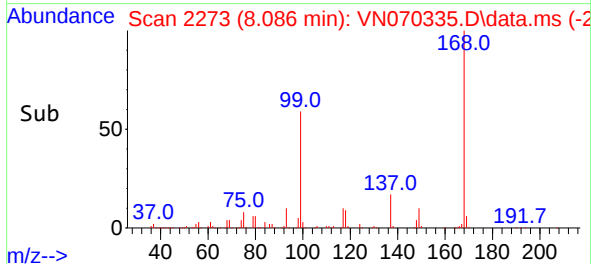
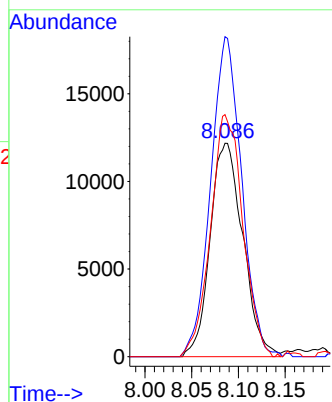


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

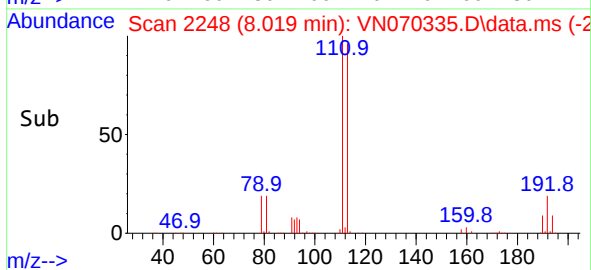
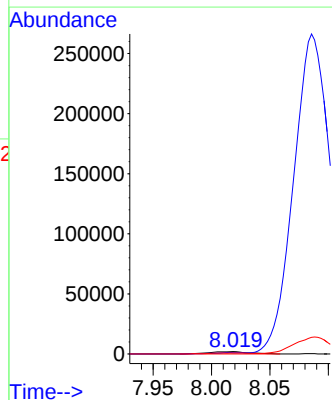
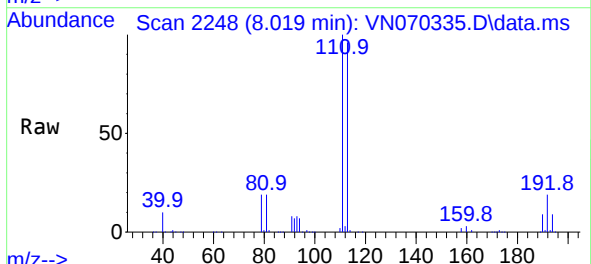


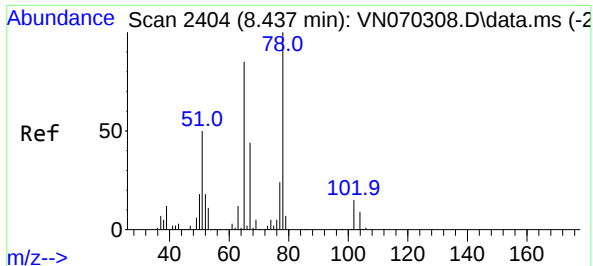
Tgt Ion: 56 Resp: 29731
Ion Ratio Lower Upper
56 100
69 149.9 27.1 40.7#
84 113.4 73.4 110.0#



#32
1,1,1-Trichloroethane
Concen: 0.230 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.006 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 97 Resp: 4497
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 21.9 35.2 52.8#

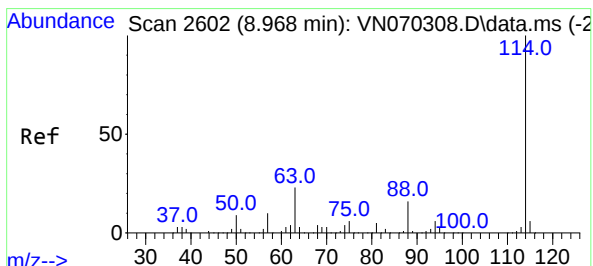
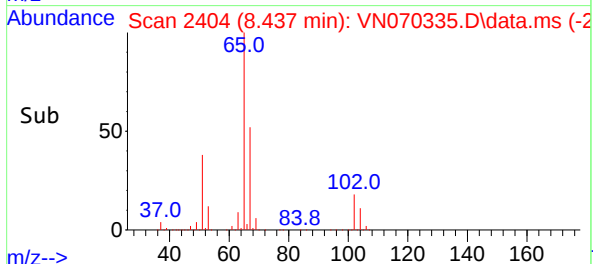
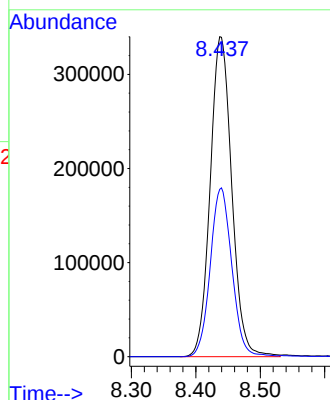
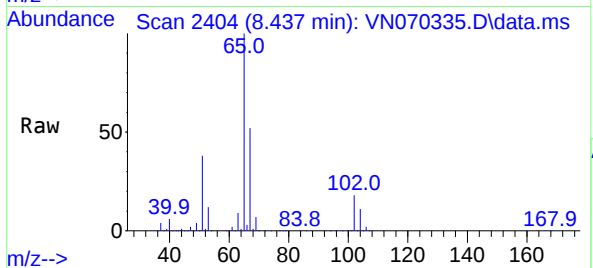




#33
1,2-Dichloroethane-d4
Concen: 53.455 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

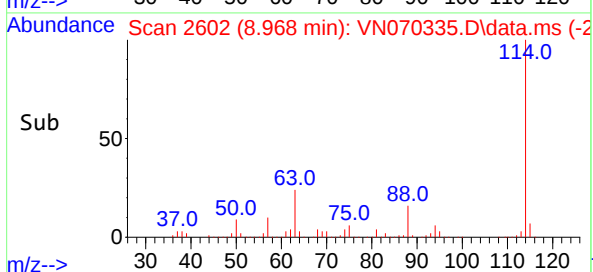
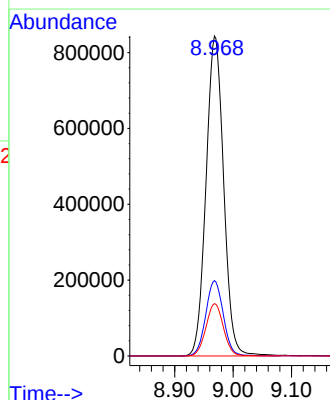
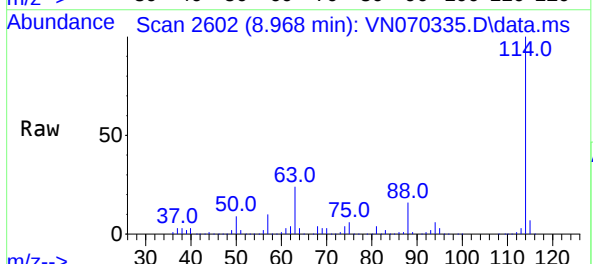
Instrument :
MSVOA_N
ClientSampleId :

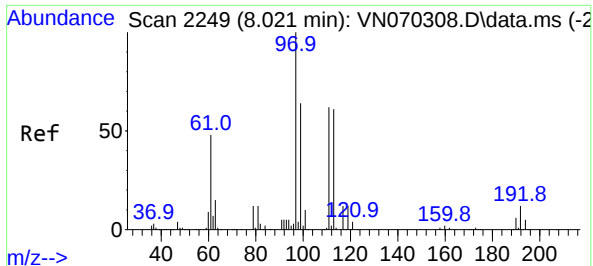
Tgt Ion: 65 Resp: 790847
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

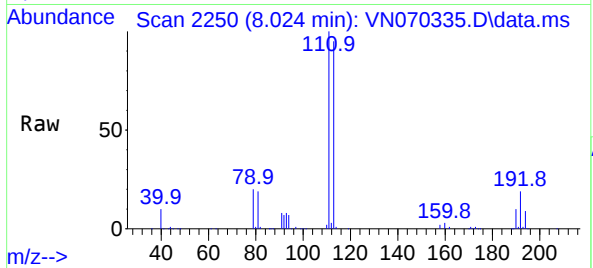
Tgt Ion: 114 Resp: 1767881
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.3 0.0 27.4



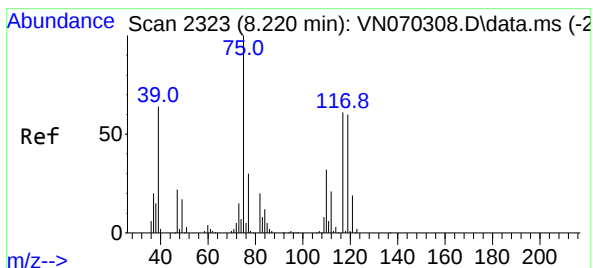
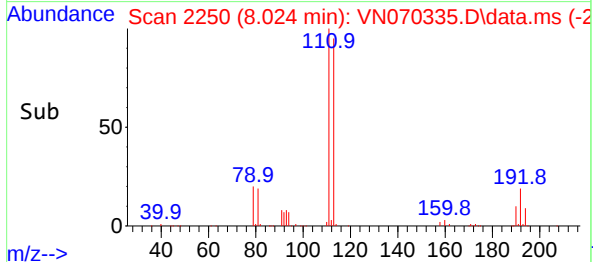
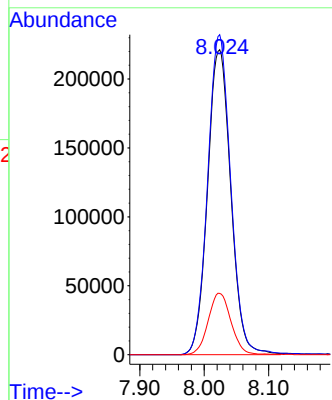


#35
Dibromofluoromethane
Concen: 51.844 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

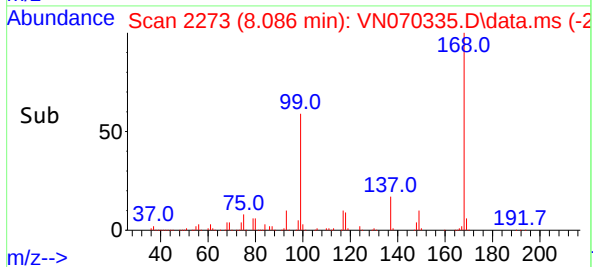
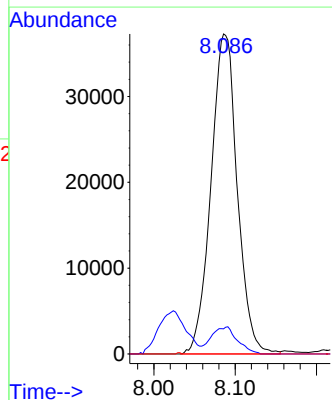
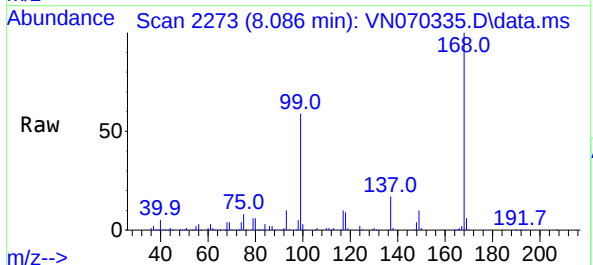


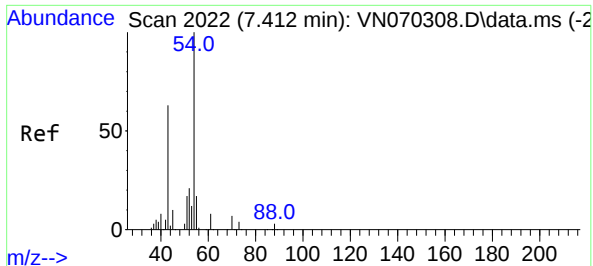
Tgt Ion:113 Resp: 554556
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 75 Resp: 83902
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.142 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. -0.061 min

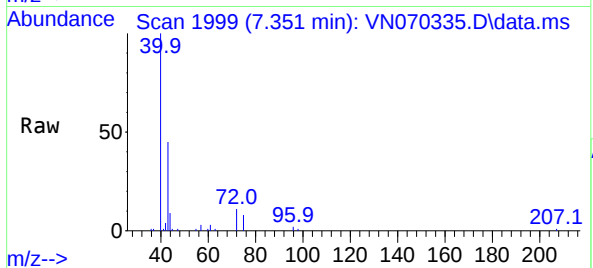
Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

ClientSampleId :



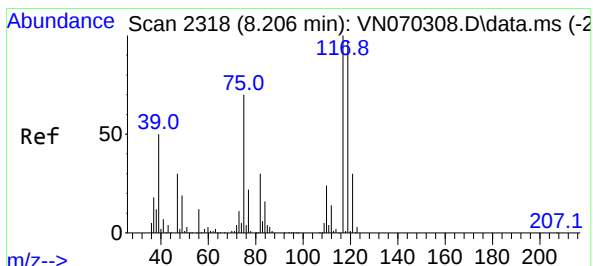
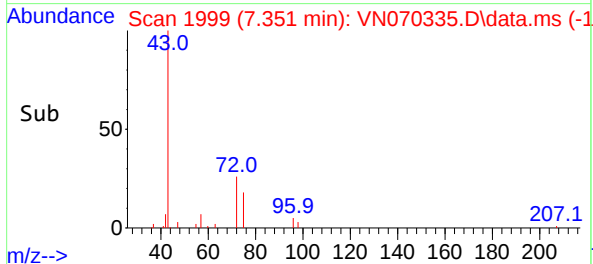
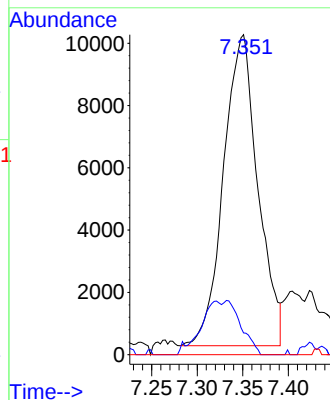
Tgt Ion: 43 Resp: 26186

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 0.262 ug/l

RT: 8.209 min Scan# 2319

Delta R.T. 0.003 min

Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

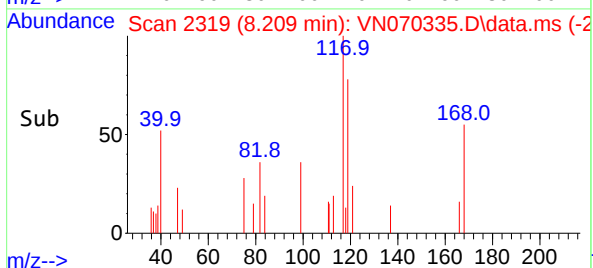
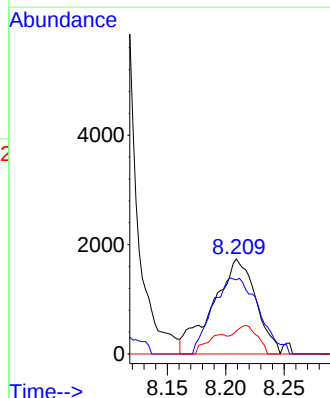
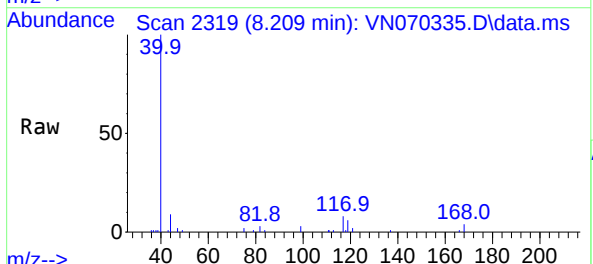
Tgt Ion: 117 Resp: 4429

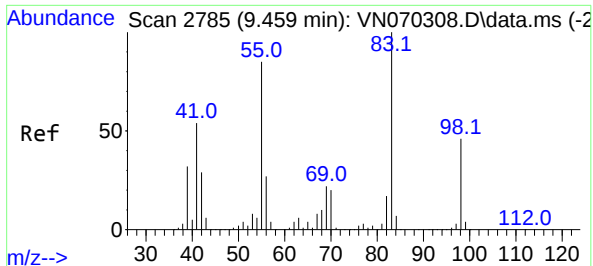
Ion Ratio Lower Upper

117 100

119 77.9 76.1 114.1

121 24.2 24.2 36.2





#39

Methylcyclohexane

Concen: 0.207 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

ClientSampleId :

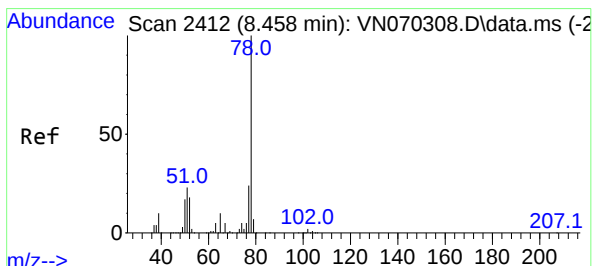
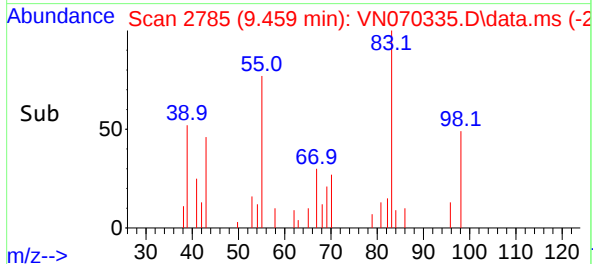
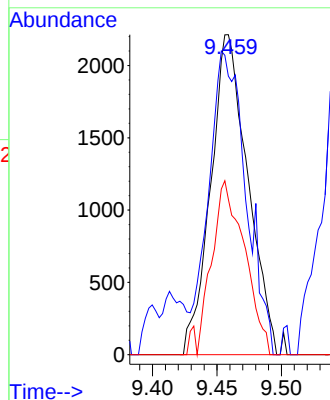
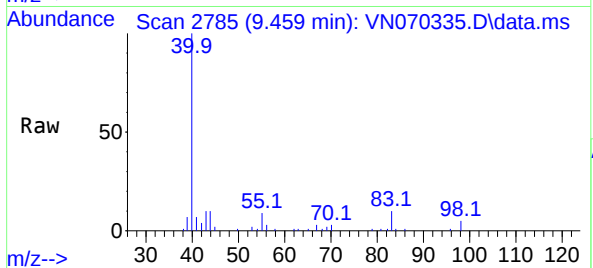
Tgt Ion: 83 Resp: 4434

Ion Ratio Lower Upper

83 100

55 87.1 58.1 87.1

98 48.6 38.4 57.6



#40

Benzene

Concen: 0.255 ug/l

RT: 8.464 min Scan# 2414

Delta R.T. 0.006 min

Lab File: VN070335.D

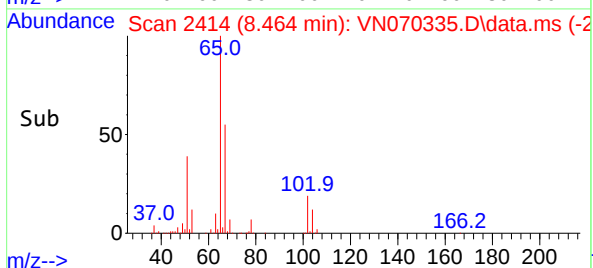
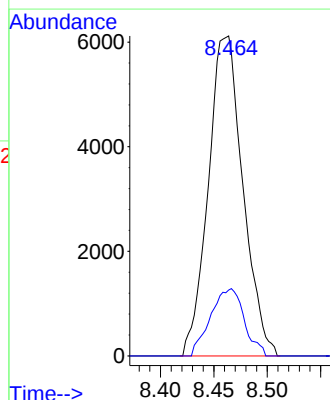
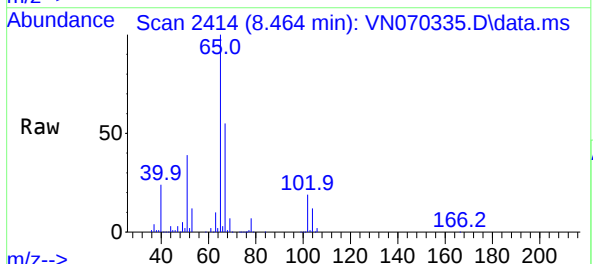
Acq: 28 Dec 2021 19:36

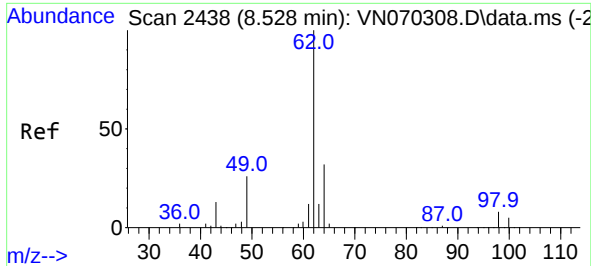
Tgt Ion: 78 Resp: 13817

Ion Ratio Lower Upper

78 100

77 20.6 18.6 27.8

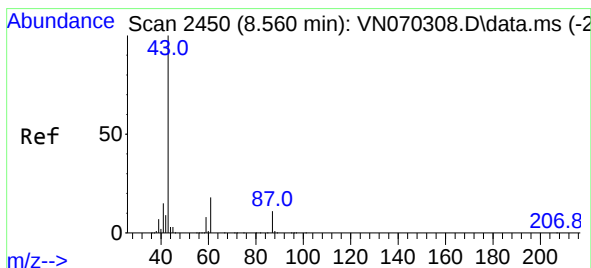
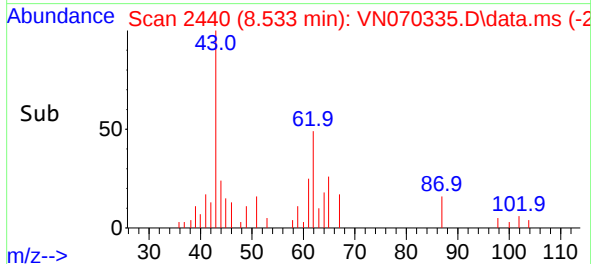
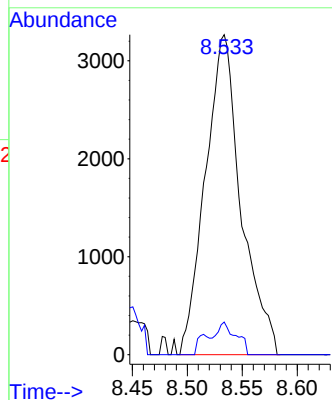
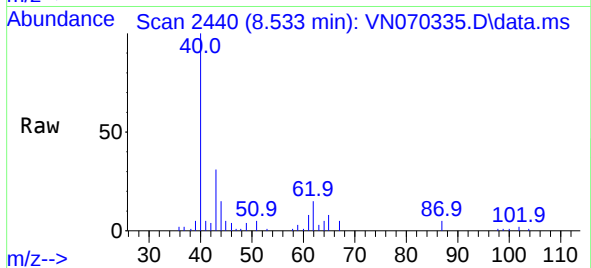




#42
1,2-Dichloroethane
Concen: 0.362 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

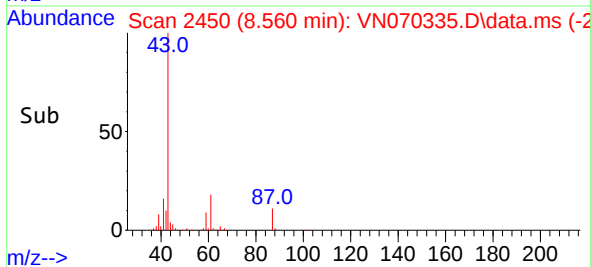
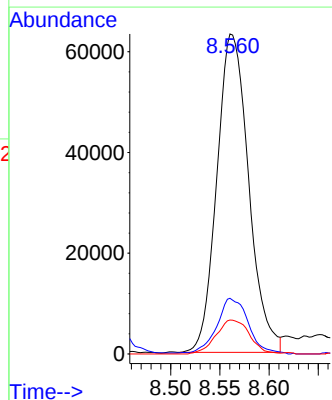
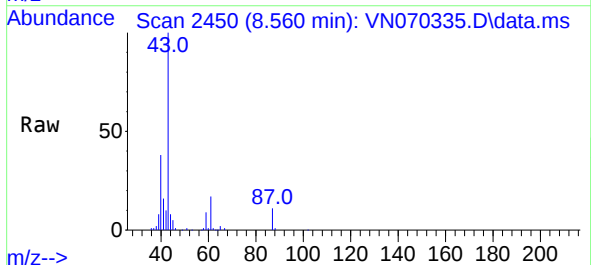
Instrument :
MSVOA_N
ClientSampleId :

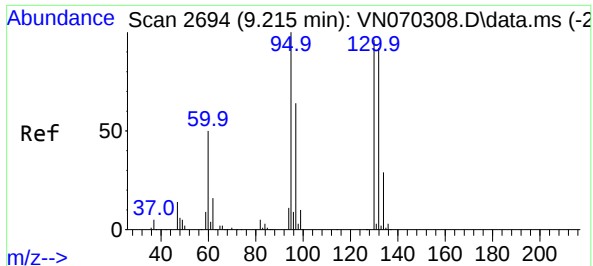
Tgt Ion: 62 Resp: 7373
Ion Ratio Lower Upper
62 100
98 5.4 0.0 17.6



#43
Isopropyl Acetate
Concen: 3.940 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 142477
Ion Ratio Lower Upper
43 100
61 17.5 20.4 30.6#
87 11.2 11.2 16.8

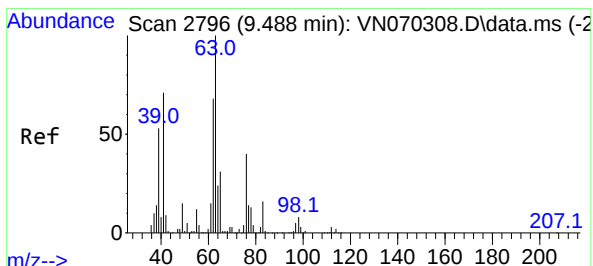
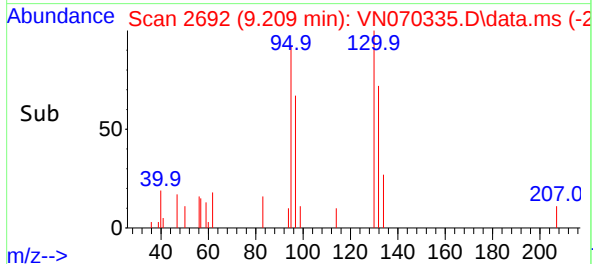
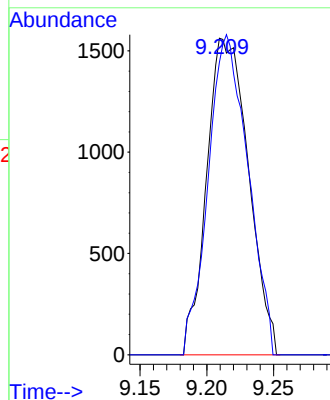
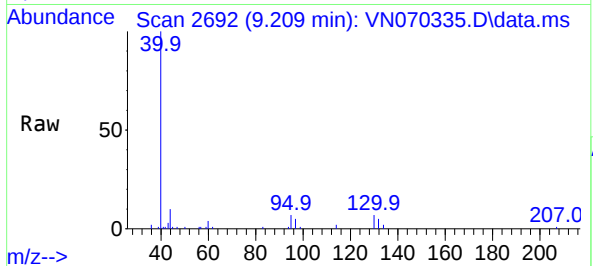




#44
Trichloroethene
Concen: 0.264 ug/l
RT: 9.209 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

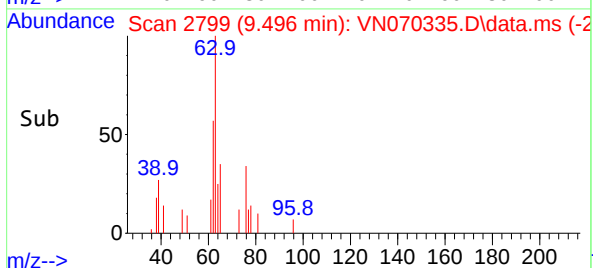
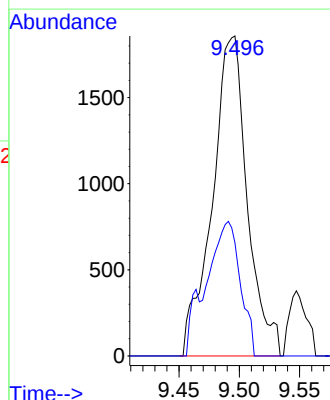
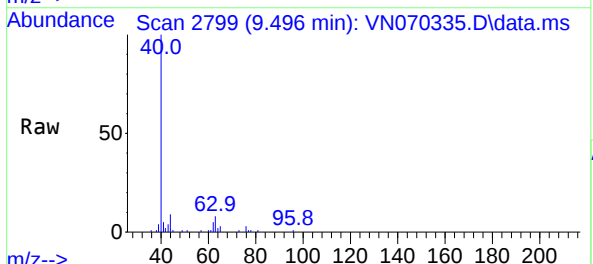
Instrument :
MSVOA_N
ClientSampleId :

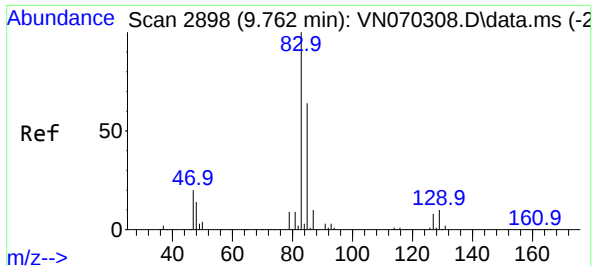
Tgt Ion:130 Resp: 3401
Ion Ratio Lower Upper
130 100
95 92.3 0.0 191.2



#45
1,2-Dichloropropane
Concen: 0.257 ug/l
RT: 9.496 min Scan# 2799
Delta R.T. 0.008 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 63 Resp: 3756
Ion Ratio Lower Upper
63 100
65 35.4 24.7 37.1

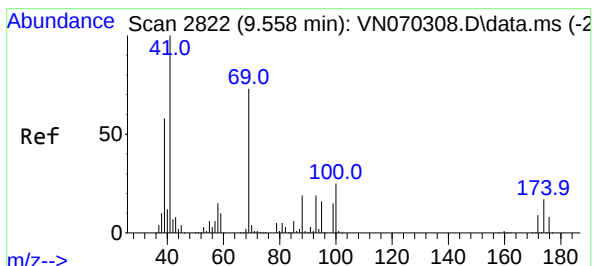
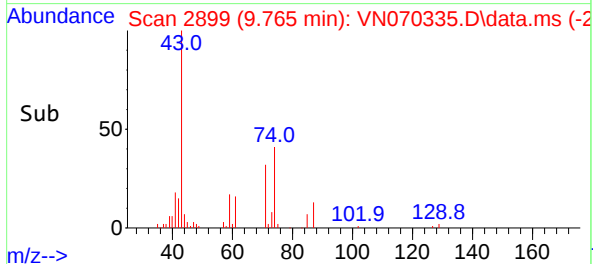
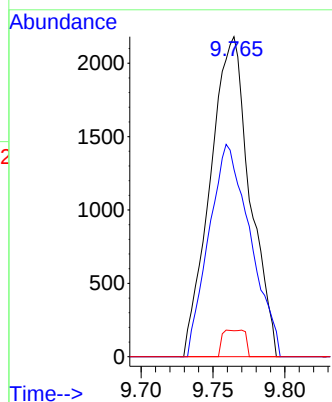
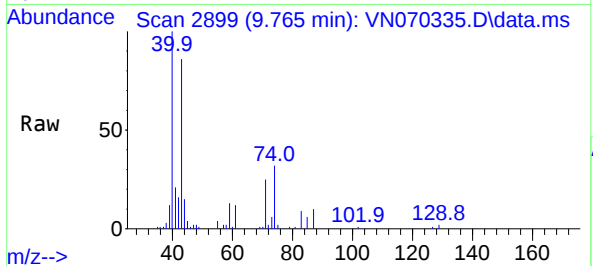




#47
Bromodichloromethane
Concen: 0.232 ug/l
RT: 9.765 min Scan# 2180
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

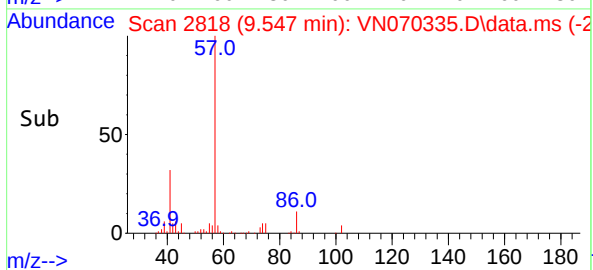
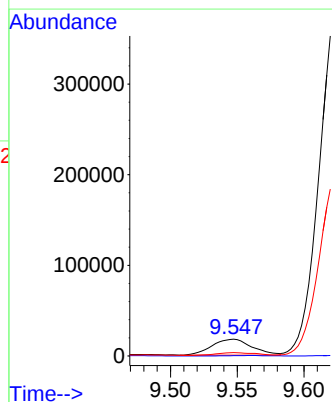
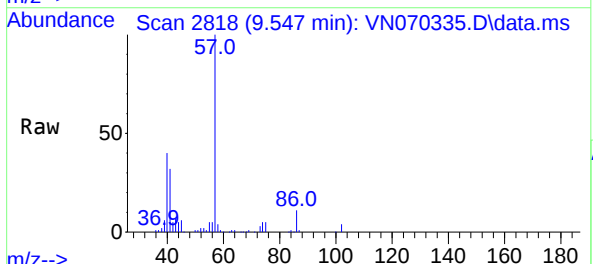
Instrument :
MSVOA_N
ClientSampleId :

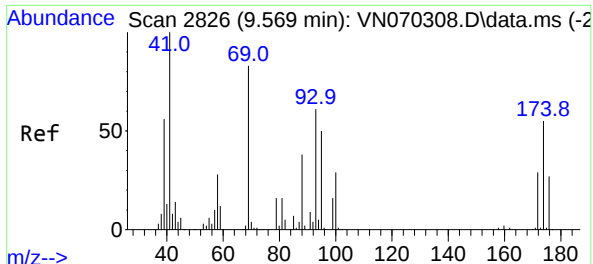
Tgt Ion: 83 Resp: 4180
Ion Ratio Lower Upper
83 100
85 58.6 50.9 76.3
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 2.142 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.011 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 41 Resp: 36950
Ion Ratio Lower Upper
41 100
69 2.1 72.4 108.6#
39 0.0 58.4 87.6#

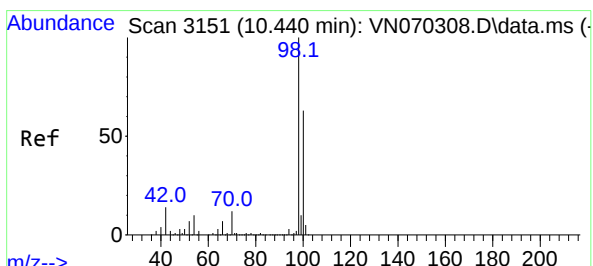
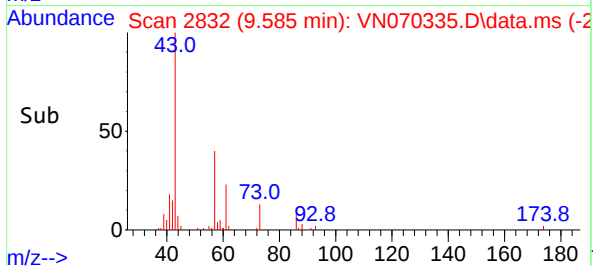
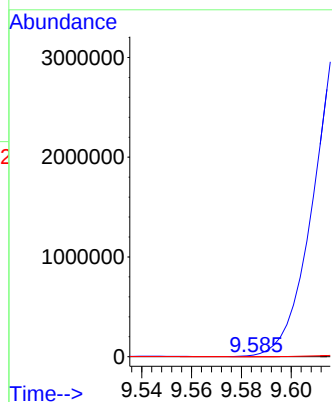
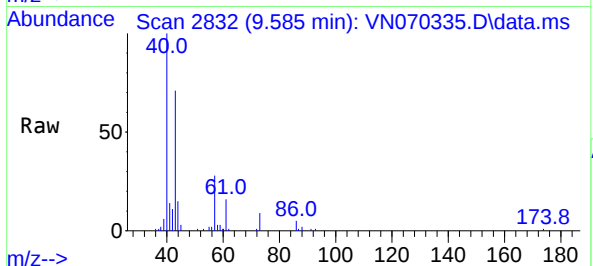




#49
1,4-Dioxane
Concen: 2.313 ug/l
RT: 9.585 min Scan# 21
Delta R.T. 0.016 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

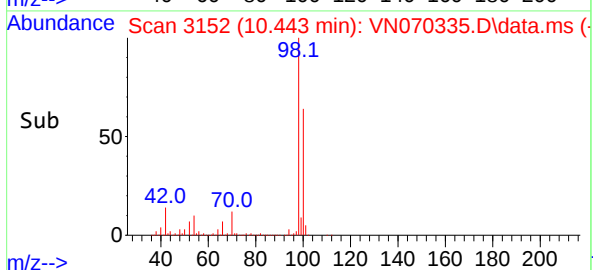
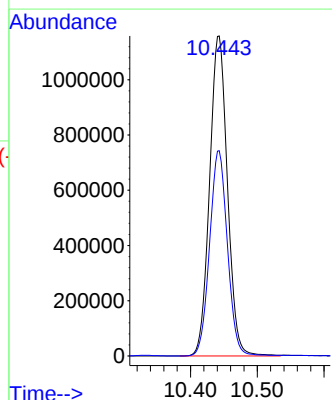
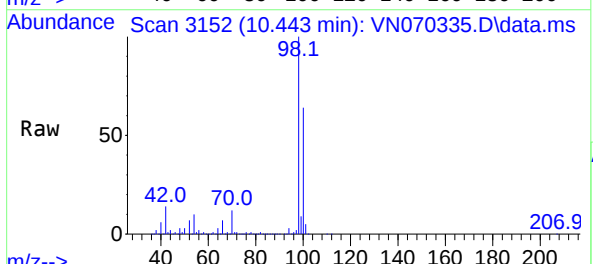
Instrument :
MSVOA_N
ClientSampleId :

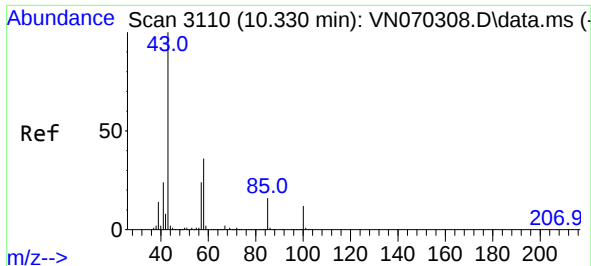
Tgt Ion: 88 Resp: 584
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 49.301 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 98 Resp: 2154271
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 1.658 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.003 min

Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

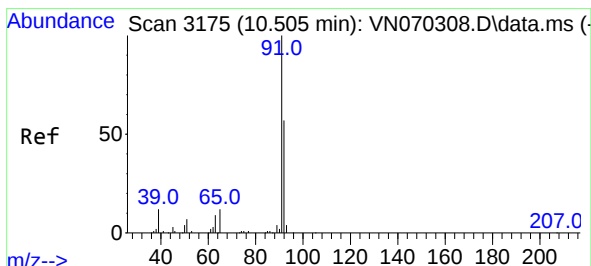
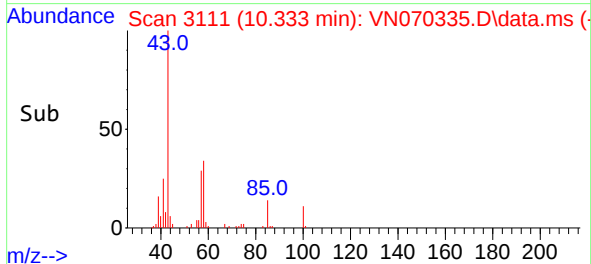
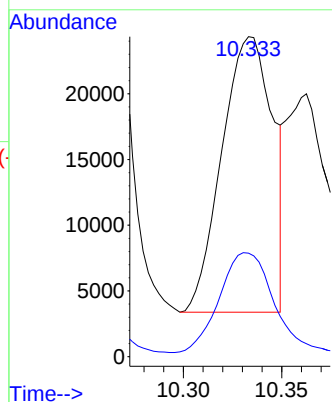
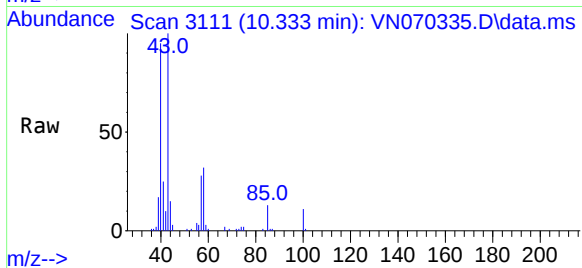
ClientSampleId :

Tgt Ion: 43 Resp: 37681

Ion Ratio Lower Upper

43 100

58 39.9 30.4 45.6



#52

Toluene

Concen: 0.264 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070335.D

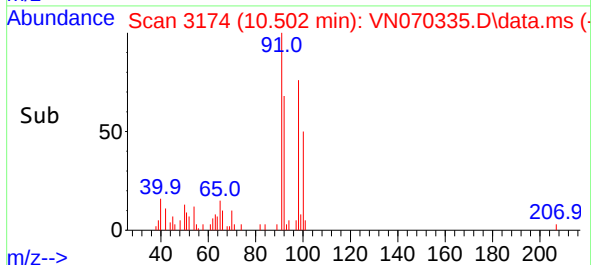
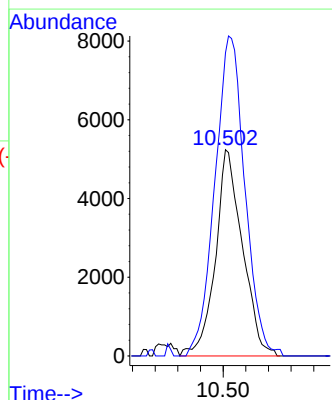
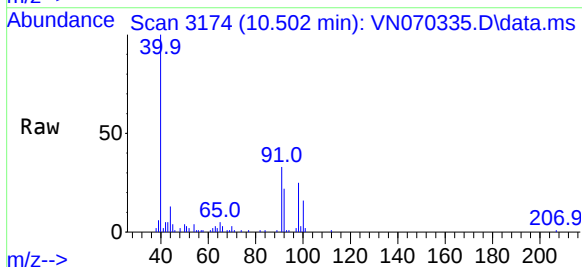
Acq: 28 Dec 2021 19:36

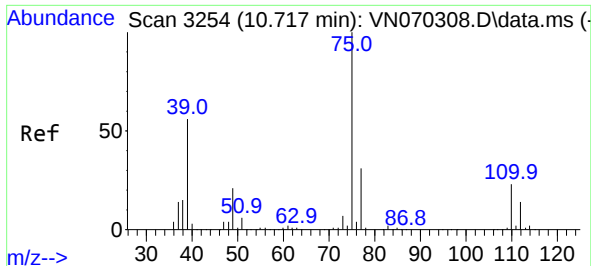
Tgt Ion: 92 Resp: 8673

Ion Ratio Lower Upper

92 100

91 172.2 142.0 213.0

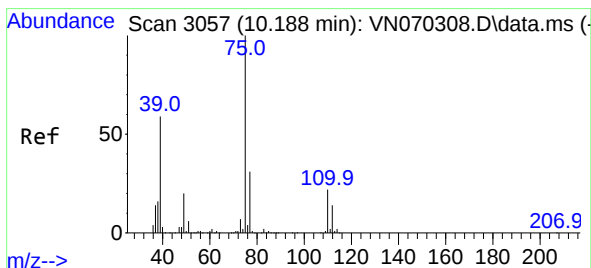
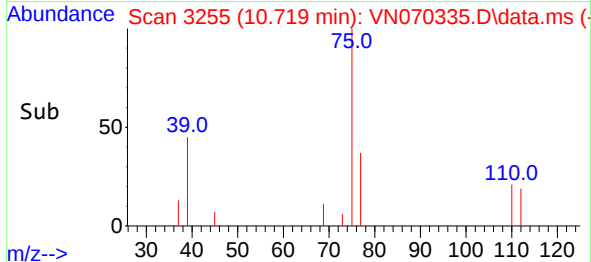
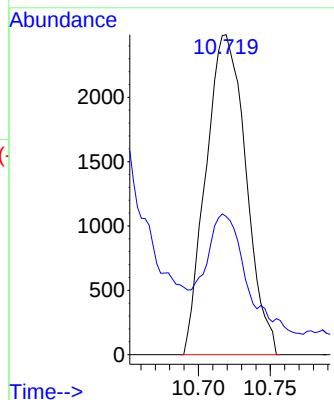
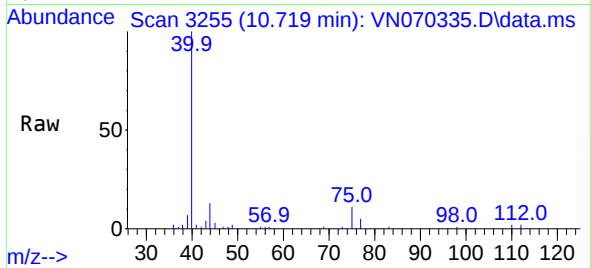




#53
t-1,3-Dichloropropene
Concen: 0.246 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

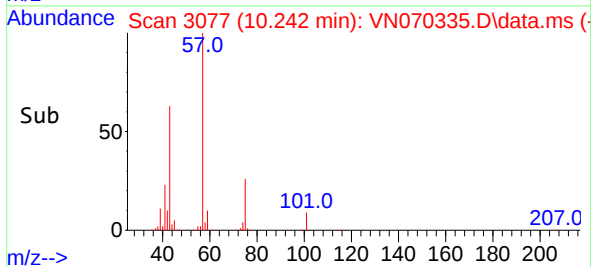
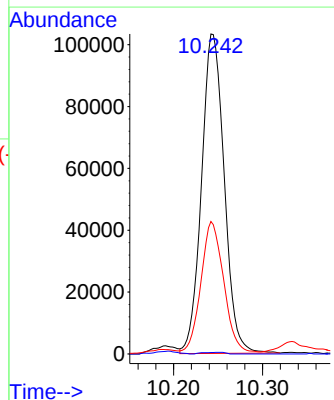
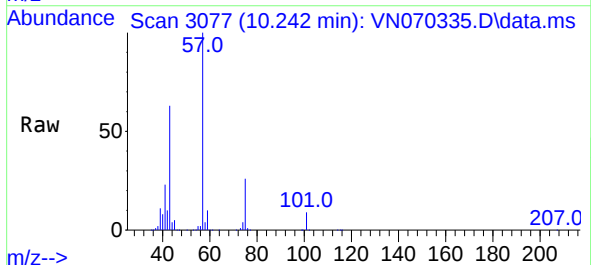
Instrument :
MSVOA_N
ClientSampleId :

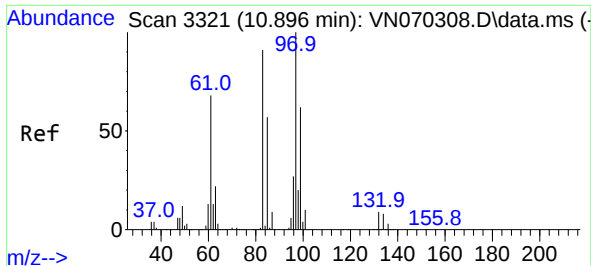
Tgt Ion: 75 Resp: 4810
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 8.676 ug/l
RT: 10.242 min Scan# 3077
Delta R.T. 0.054 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 75 Resp: 183241
Ion Ratio Lower Upper
75 100
77 0.5 26.4 39.6#
39 40.6 42.5 63.7#



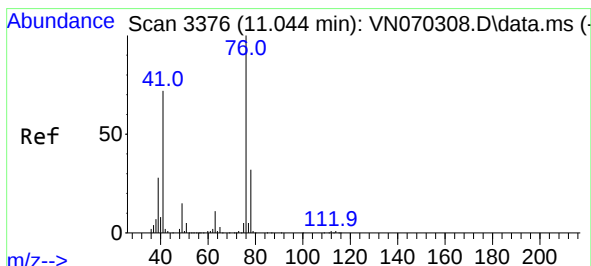
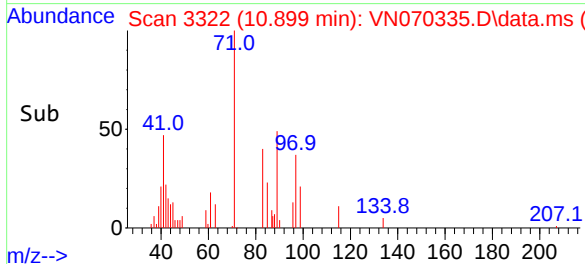
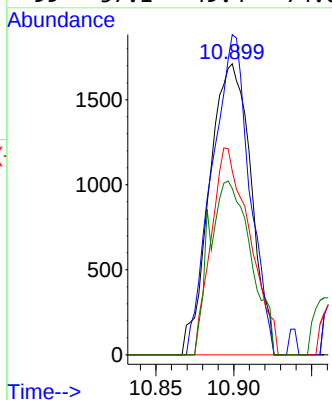
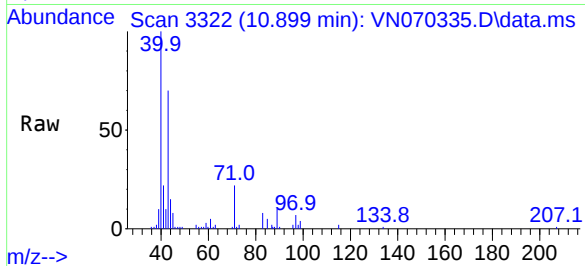


#55
1,1,2-Trichloroethane
Concen: 0.244 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 3164

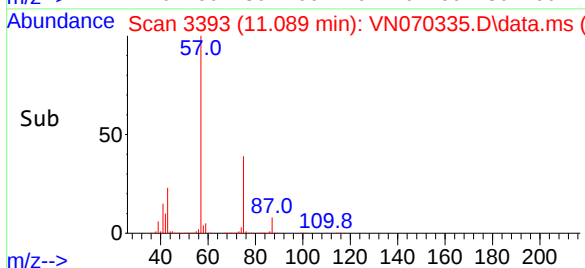
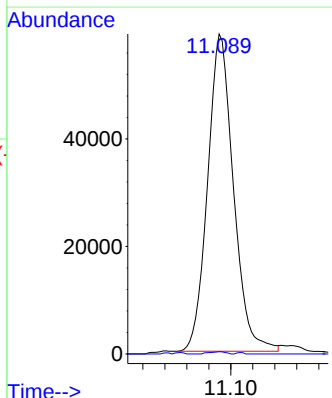
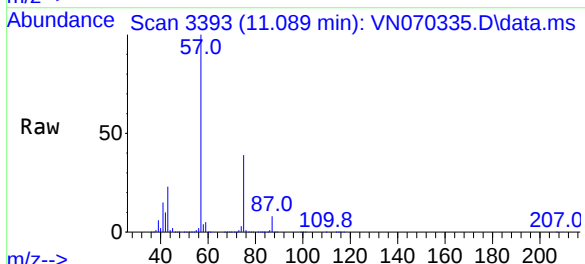
Ion	Ratio	Lower	Upper
97	100		
83	110.0	67.8	101.6#
85	63.1	45.4	68.2
99	57.1	49.4	74.0

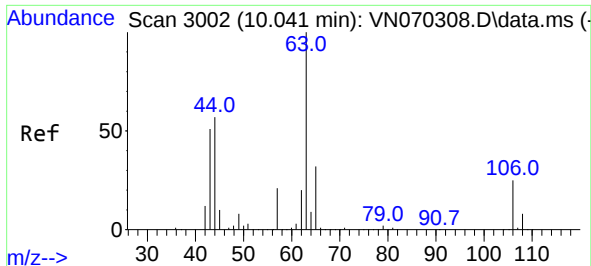


#57
1,3-Dichloropropane
Concen: 4.194 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 76 Resp: 96385

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.7	38.5#

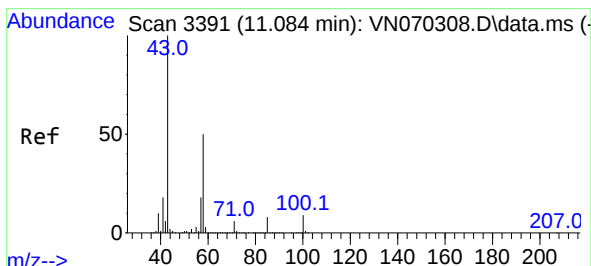
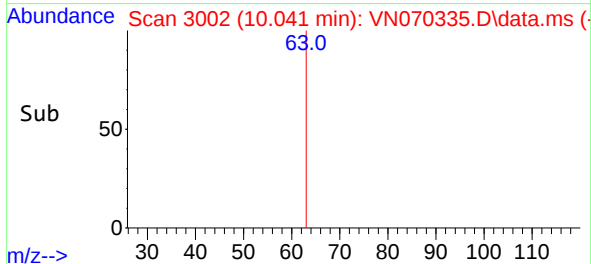
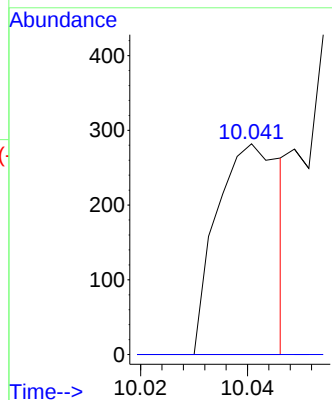
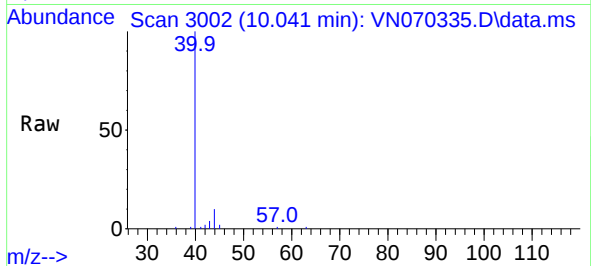




#58
2-Chloroethyl Vinyl ether
Concen: 18.552 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

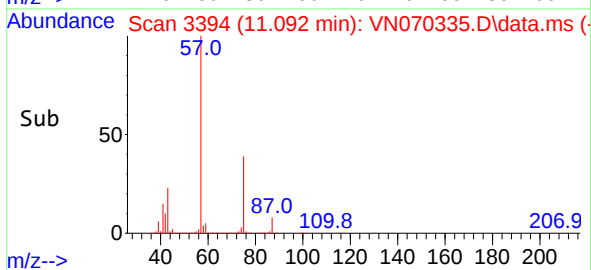
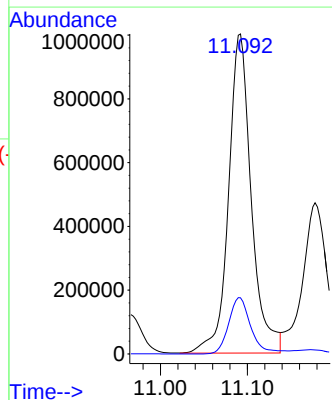
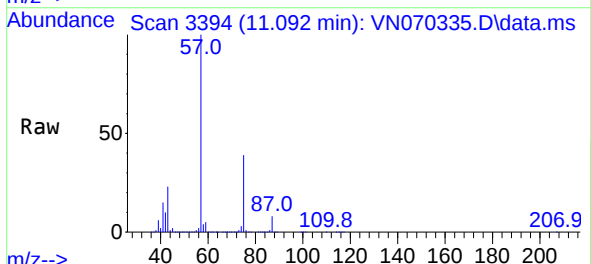
Instrument :
MSVOA_N
ClientSampleId :

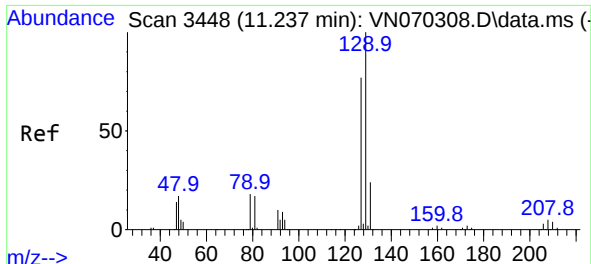
Tgt Ion: 63 Resp: 232
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 109.865 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 1820512
Ion Ratio Lower Upper
43 100
58 17.4 26.9 80.7#

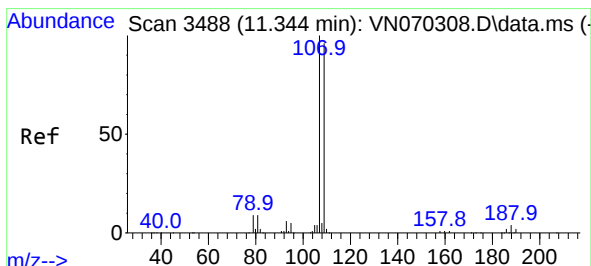
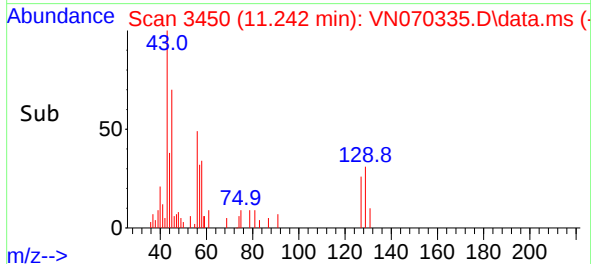
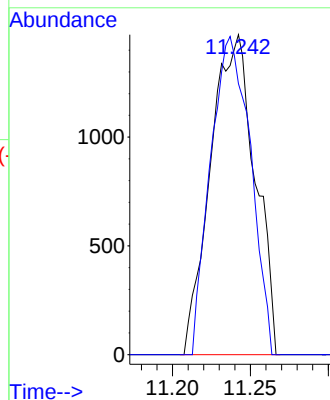
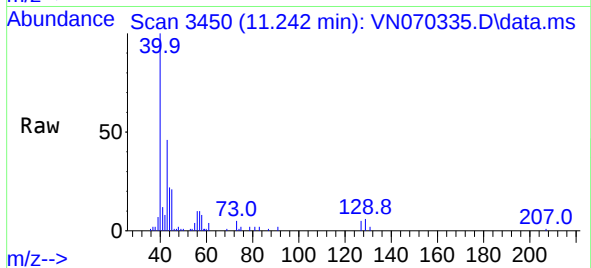




#60
Dibromochloromethane
Concen: 0.231 ug/l
RT: 11.242 min Scan# 3448
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

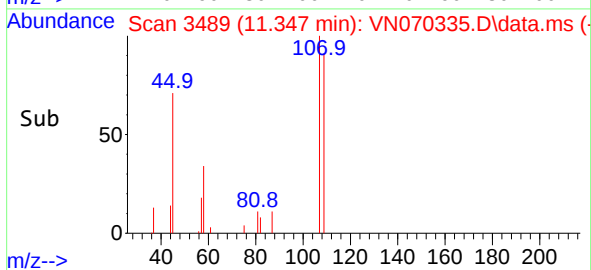
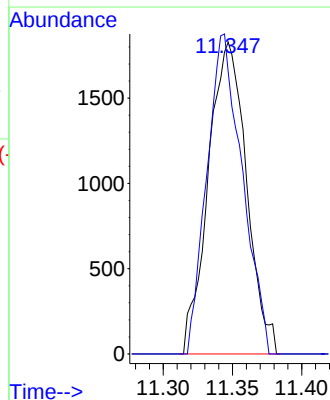
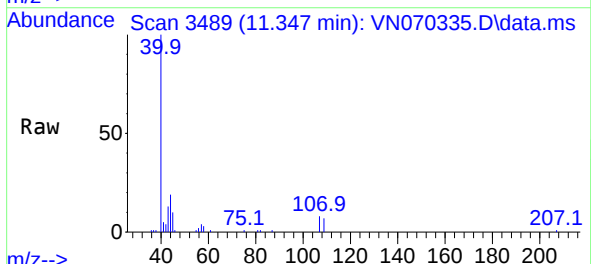
Instrument :
MSVOA_N
ClientSampleId :

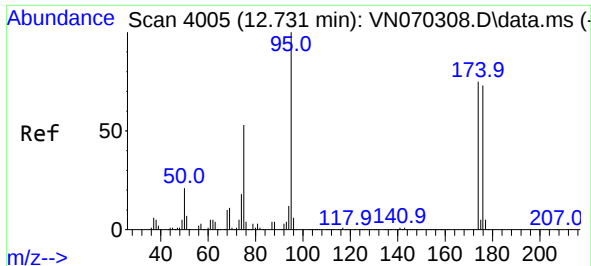
Tgt Ion:129 Resp: 2924
Ion Ratio Lower Upper
129 100
127 89.0 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.266 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:107 Resp: 3510
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

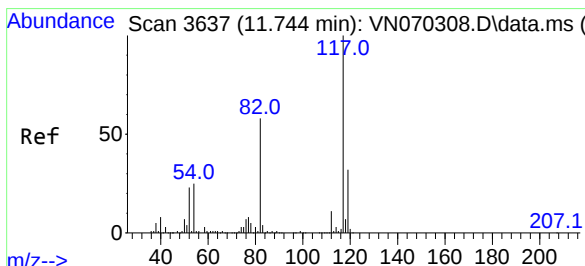
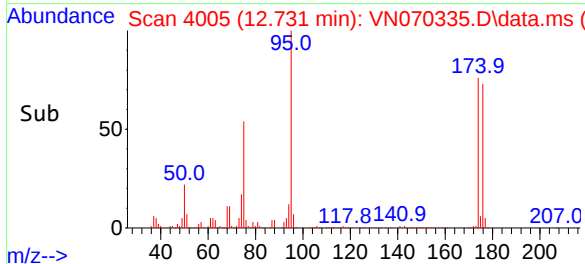
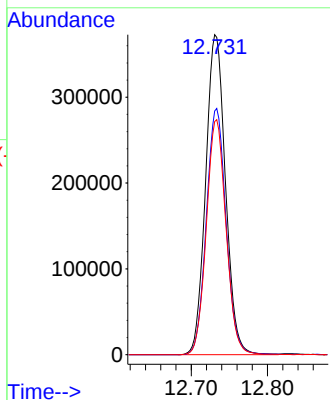
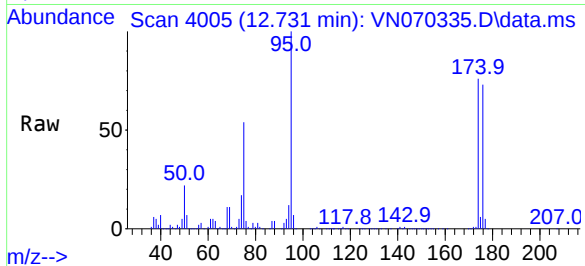




#62
4-Bromofluorobenzene
Concen: 42.649 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

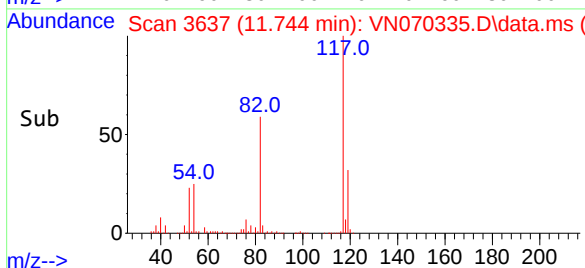
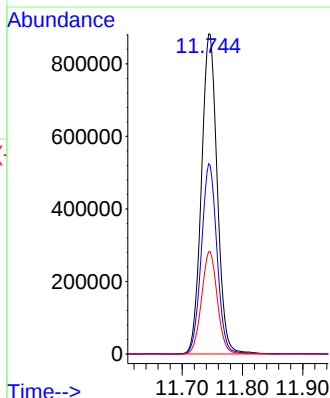
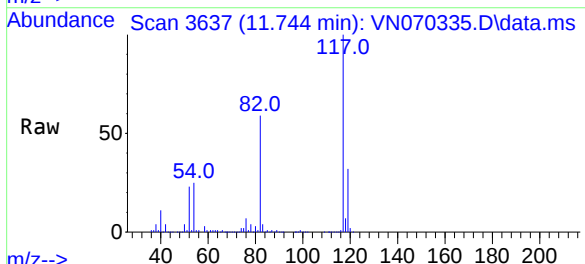
Instrument :
MSVOA_N
ClientSampleId :

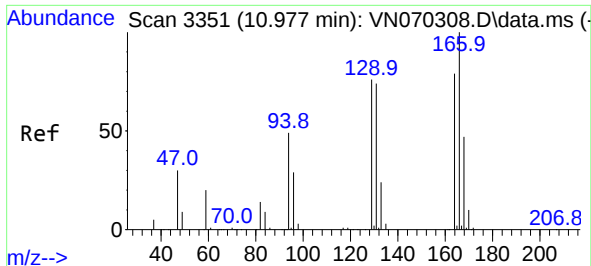
Tgt Ion: 95 Resp: 673103
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

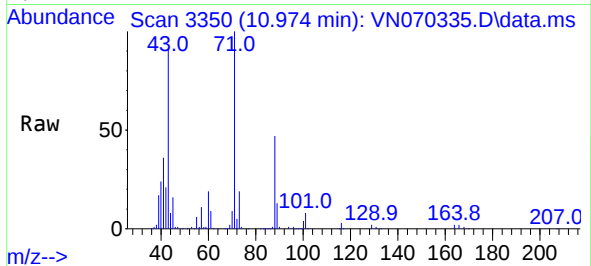
Tgt Ion: 117 Resp: 1603805
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.0 25.4 38.2



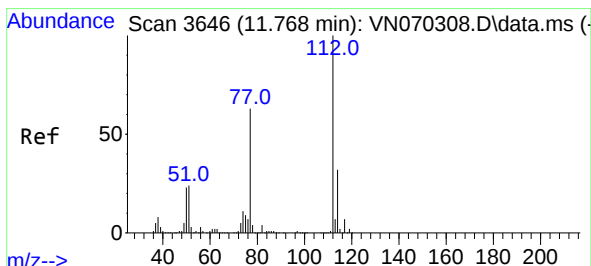
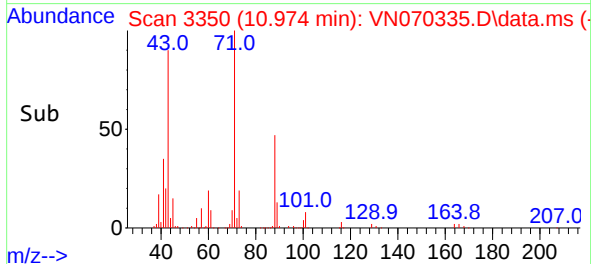
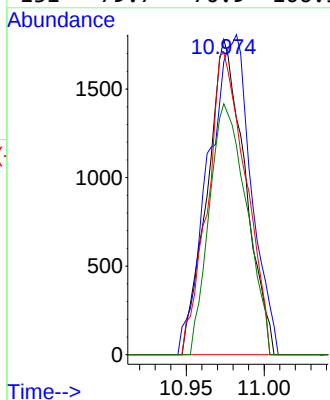


#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 10.974 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

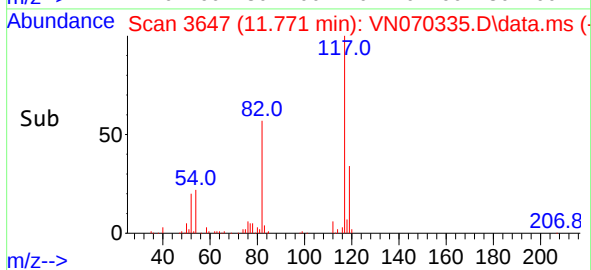
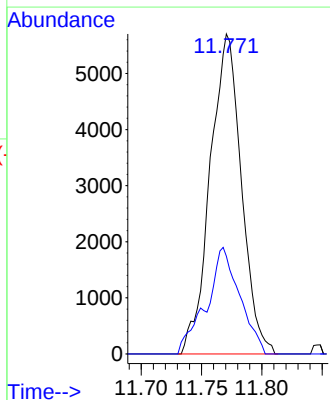
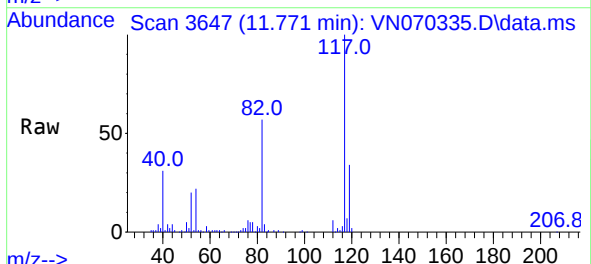


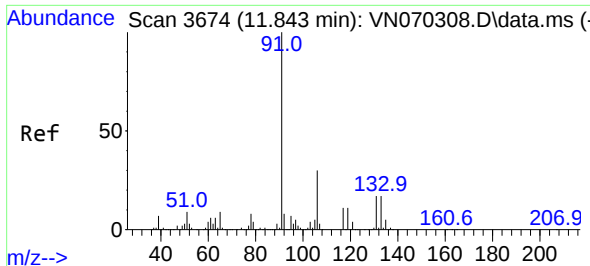
Tgt Ion:164 Resp: 3001
Ion Ratio Lower Upper
164 100
166 93.0 101.9 152.9#
129 95.9 72.0 108.0
131 79.7 70.9 106.3



#65
Chlorobenzene
Concen: 0.302 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:112 Resp: 10281
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.0

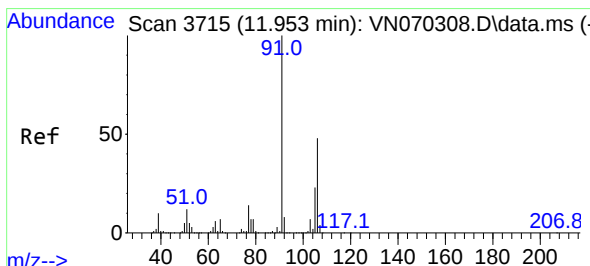
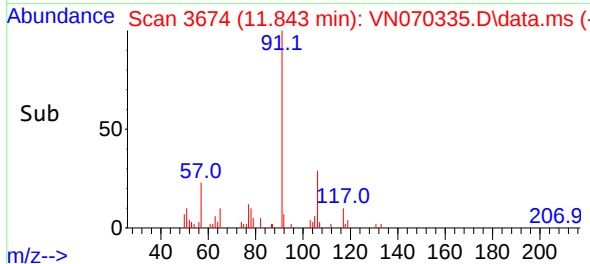
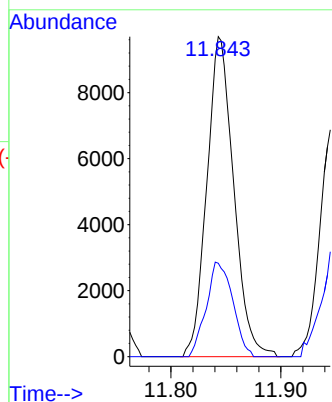
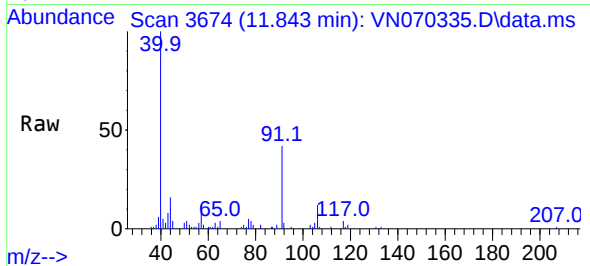




#67
Ethyl Benzene
Concen: 0.264 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

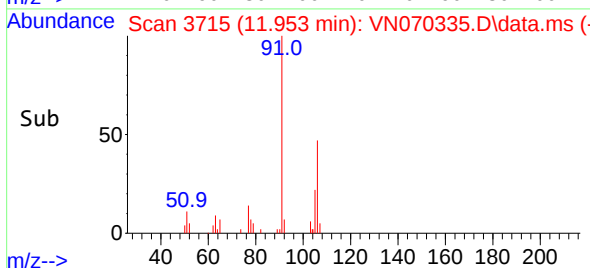
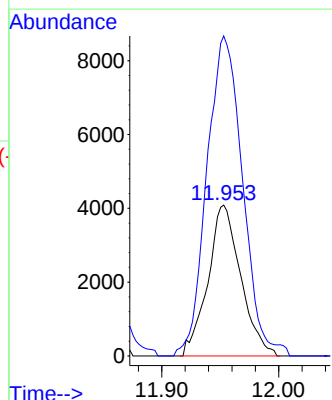
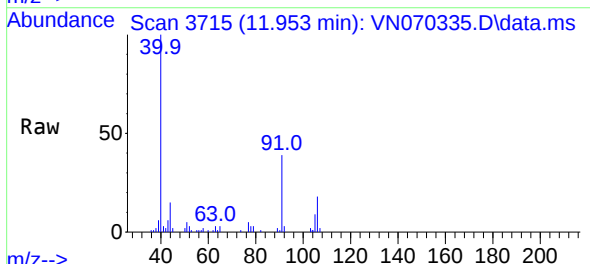
Instrument :
MSVOA_N
ClientSampleId :

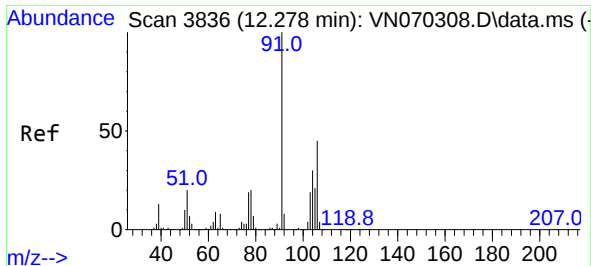
Tgt Ion: 91 Resp: 16436
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#68
m/p-Xylenes
Concen: 0.352 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 106 Resp: 7991
Ion Ratio Lower Upper
106 100
91 230.5 160.6 240.8

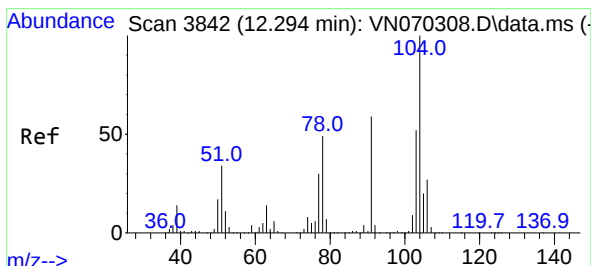
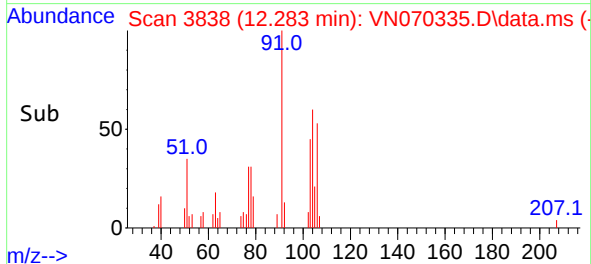
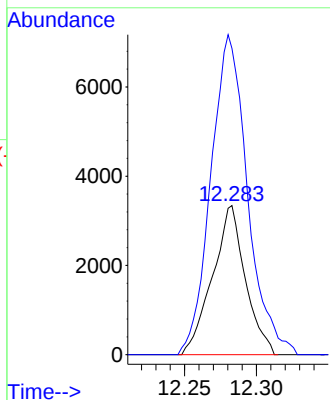
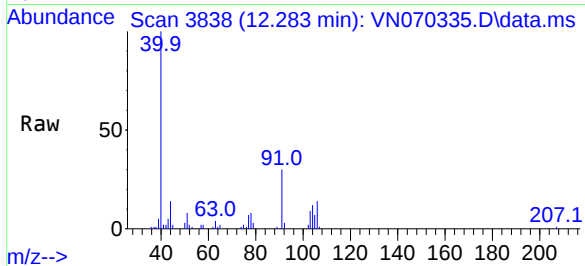




#69
o-Xylene
Concen: 0.235 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

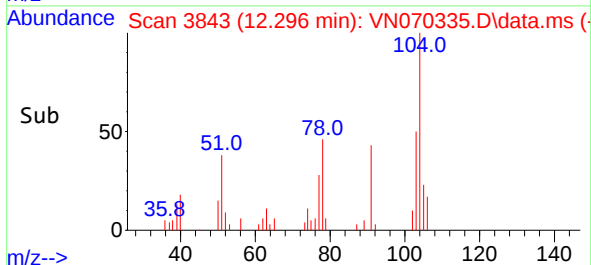
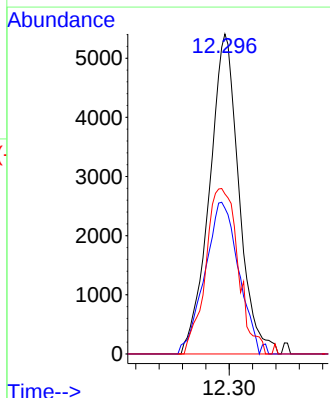
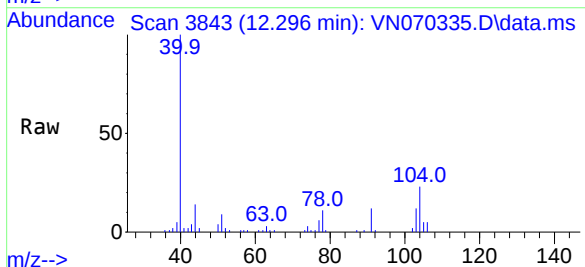
Instrument :
MSVOA_N
ClientSampleId :

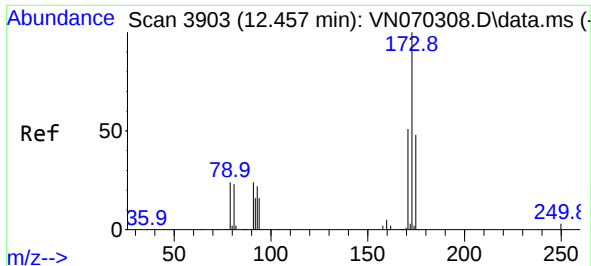
Tgt Ion:106 Resp: 5310
Ion Ratio Lower Upper
106 100
91 239.5 105.8 317.3



#70
Styrene
Concen: 0.265 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:104 Resp: 9477
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 57.1 45.0 67.6

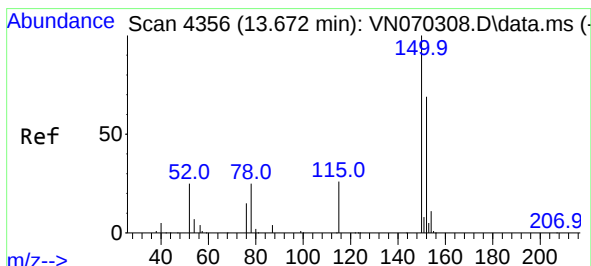
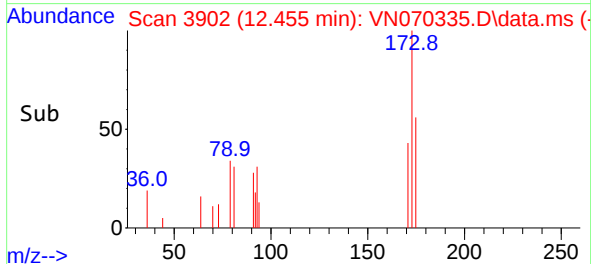
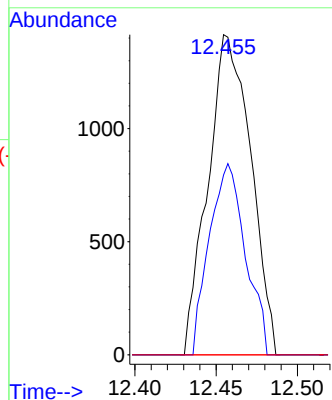
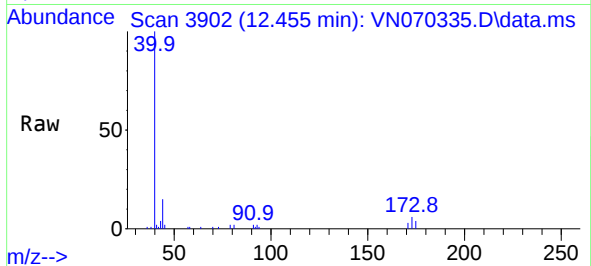




#71
Bromoform
Concen: 0.288 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

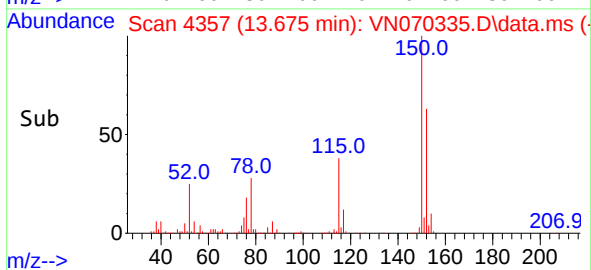
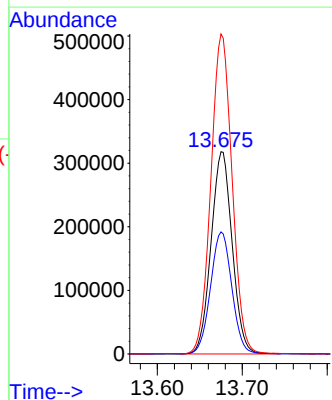
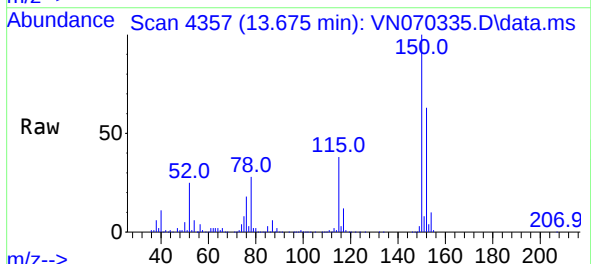
Instrument :
MSVOA_N
ClientSampleId :

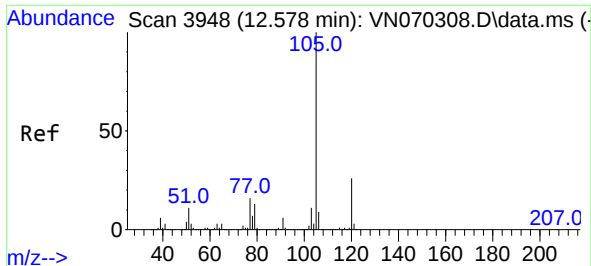
Tgt Ion:173 Resp: 2596
Ion Ratio Lower Upper
173 100
175 50.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:152 Resp: 549296
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.9 0.0 344.4

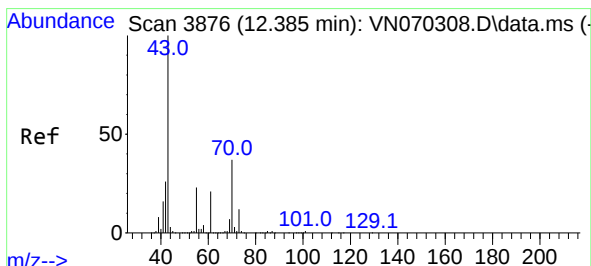
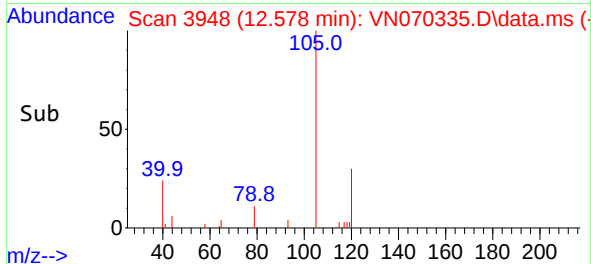
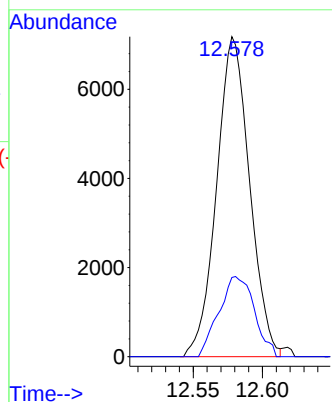
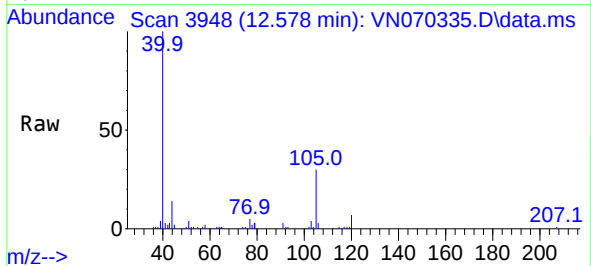




#73
Isopropylbenzene
Concen: 0.233 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

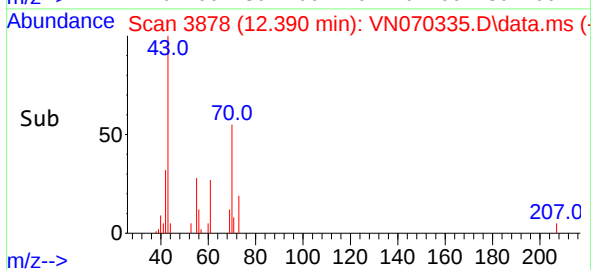
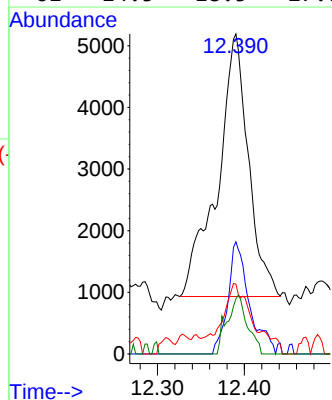
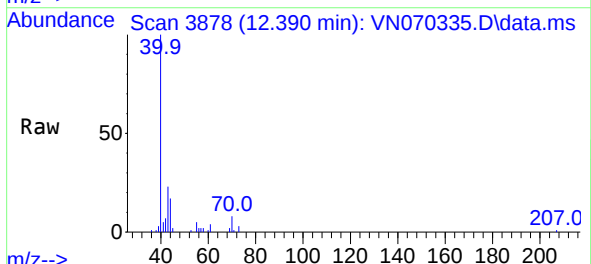
Instrument :
MSVOA_N
ClientSampleId :

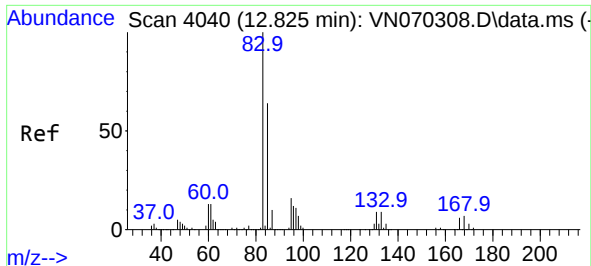
Tgt Ion:105 Resp: 11908
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 0.493 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 43 Resp: 10568
Ion Ratio Lower Upper
43 100
70 29.4 33.4 50.0#
55 12.2 19.3 28.9#
61 14.5 18.5 27.7#

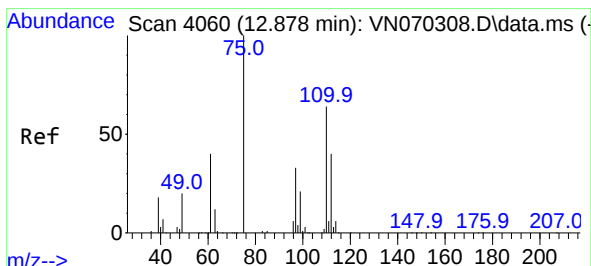
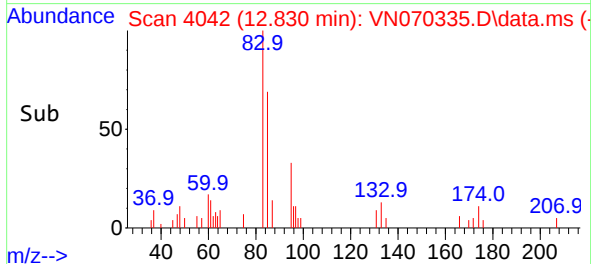
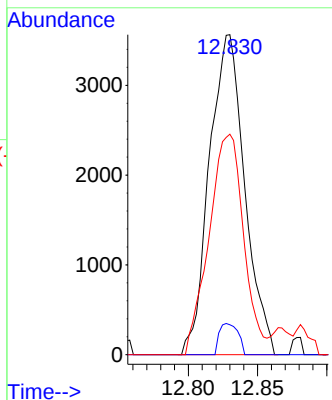
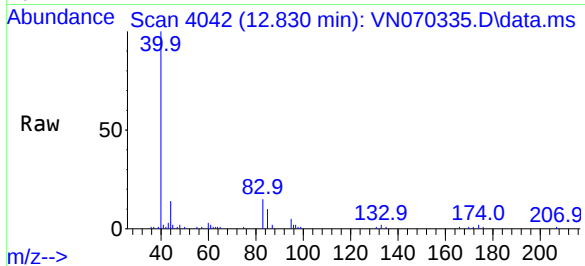




#75
1,1,2,2-Tetrachloroethane
Concen: 0.785 ug/l
RT: 12.830 min Scan# 4040
Delta R.T. 0.005 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

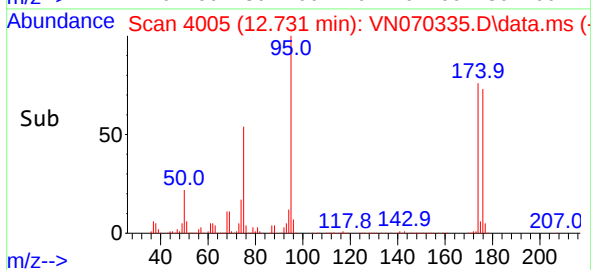
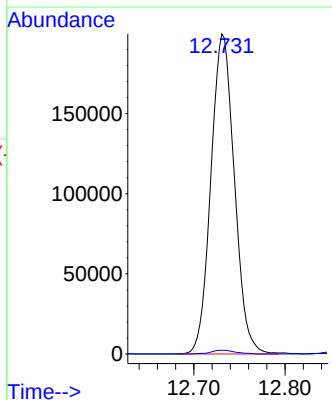
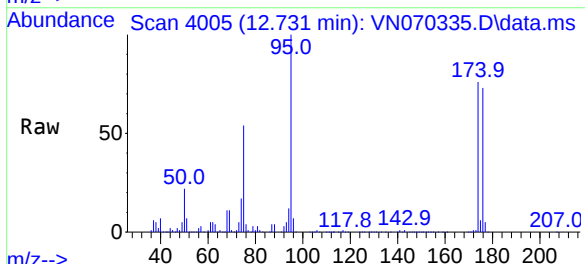
Instrument :
MSVOA_N
ClientSampleId :

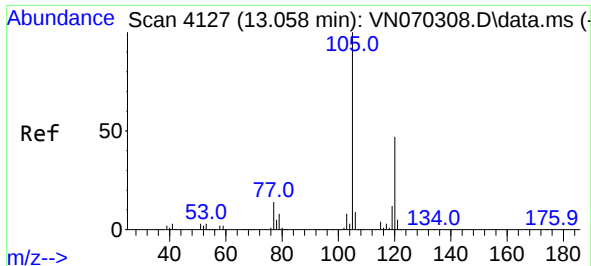
Tgt Ion: 83 Resp: 6327
Ion Ratio Lower Upper
83 100
131 5.1 5.5 16.5#
85 67.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 23.496 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 75 Resp: 357163
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

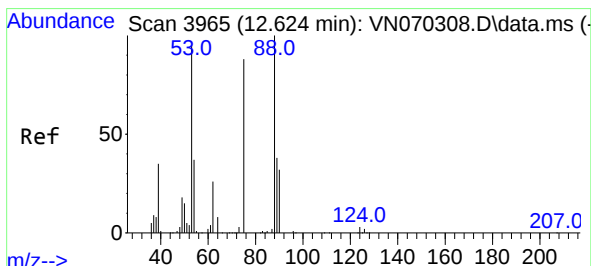
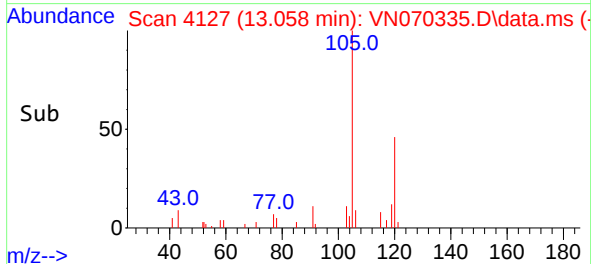
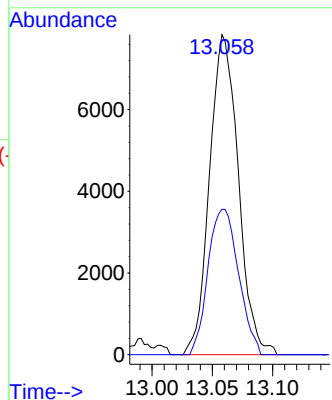
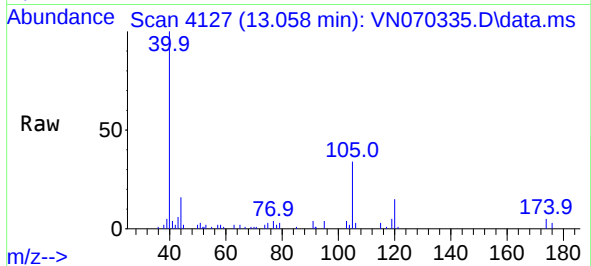




#80
1,3,5-Trimethylbenzene
Concen: 0.318 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

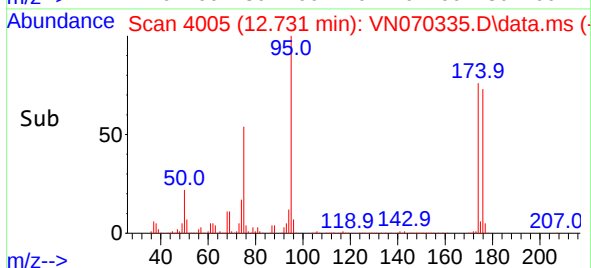
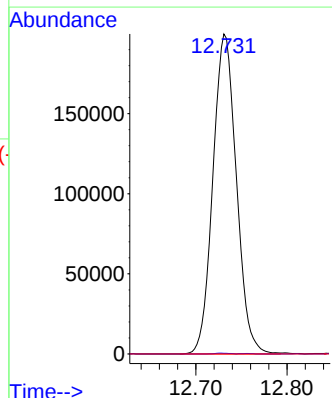
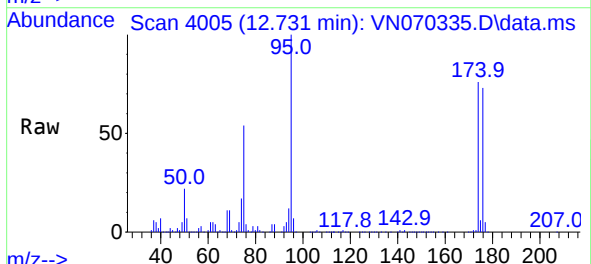
Instrument :
MSVOA_N
ClientSampleId :

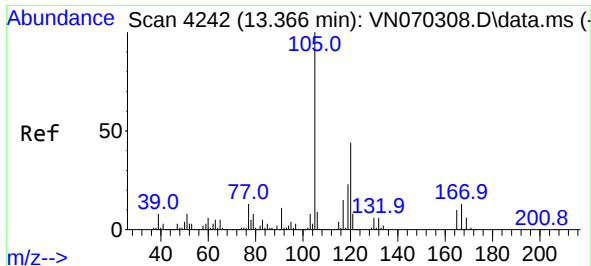
Tgt Ion:105 Resp: 13015
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 79.442 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 75 Resp: 357163
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

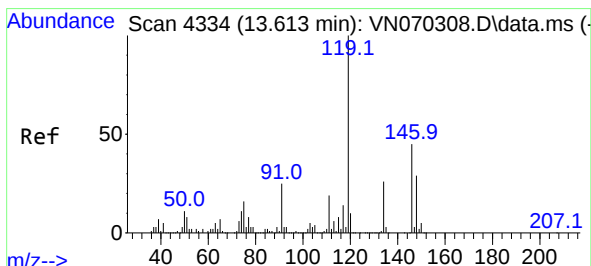
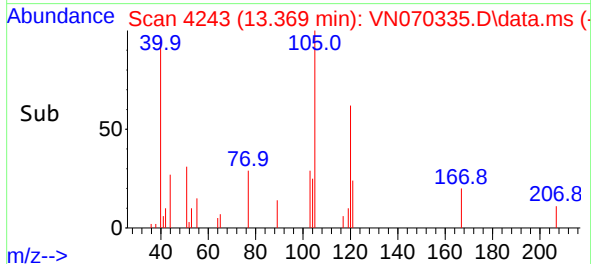
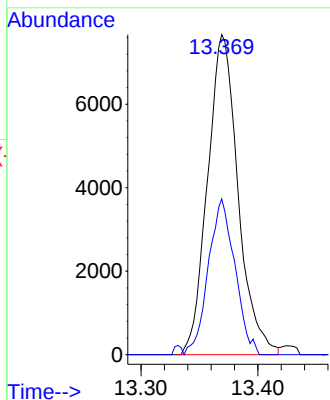
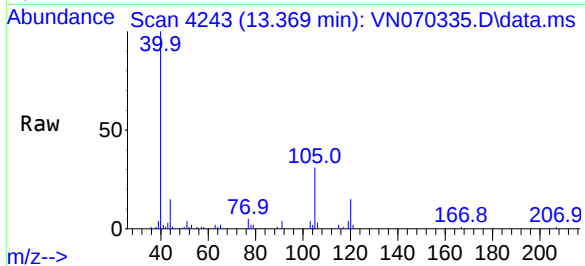




#84
1,2,4-Trimethylbenzene
Concen: 0.353 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

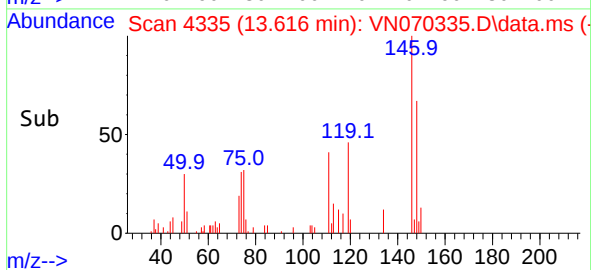
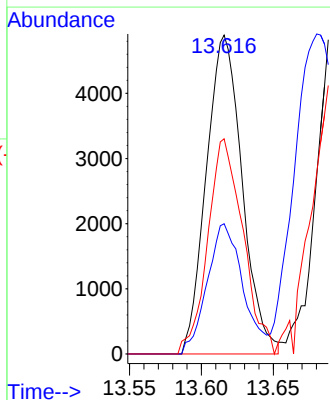
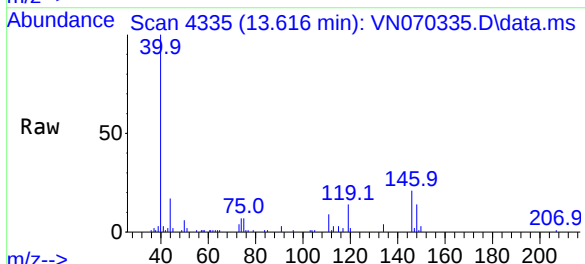
Instrument :
MSVOA_N
ClientSampleId :

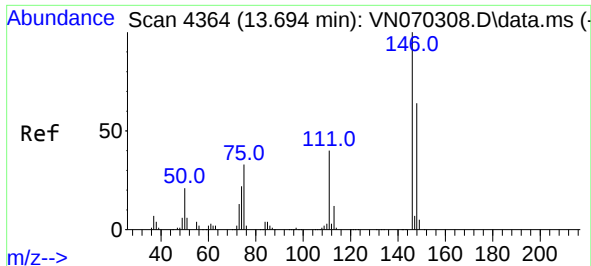
Tgt Ion:105 Resp: 13912
Ion Ratio Lower Upper
105 100
120 42.3 22.8 68.4



#87
1,3-Dichlorobenzene
Concen: 0.434 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

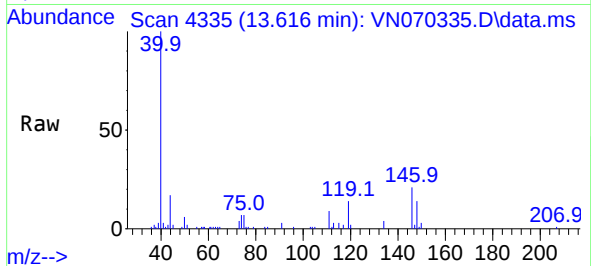
Tgt Ion:146 Resp: 8502
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 66.1 31.6 95.0



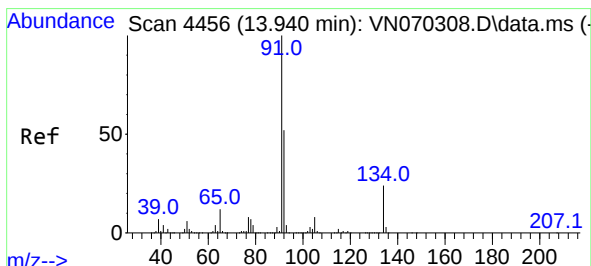
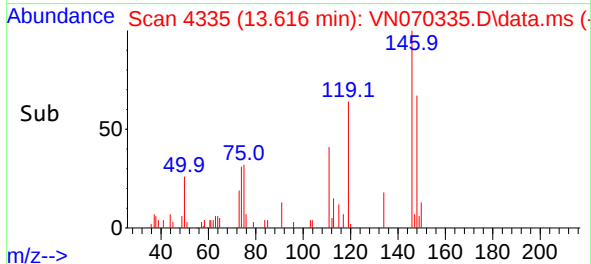
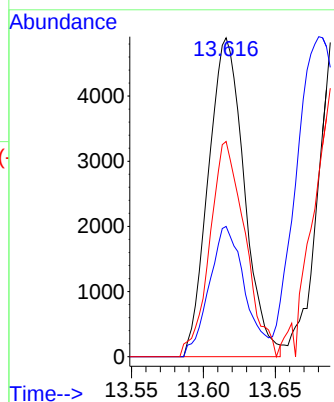


#88
1,4-Dichlorobenzene
Concen: 0.440 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.078 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

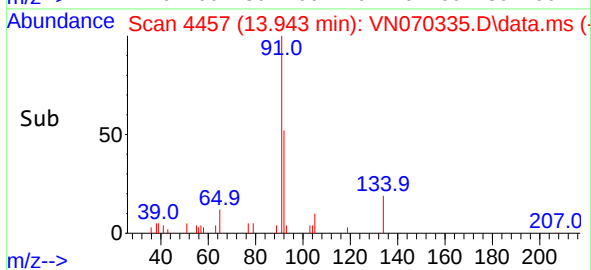
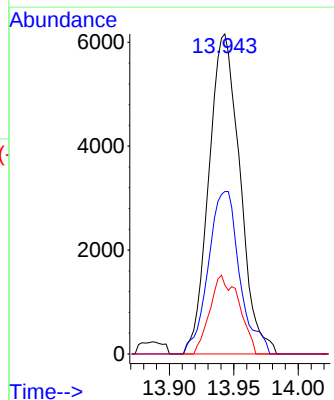
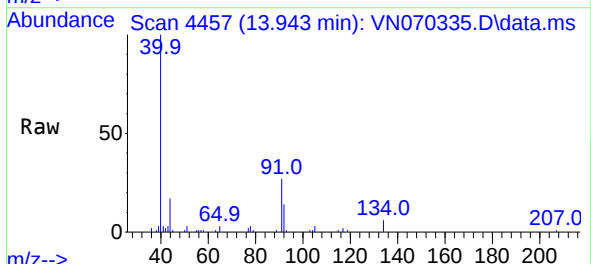


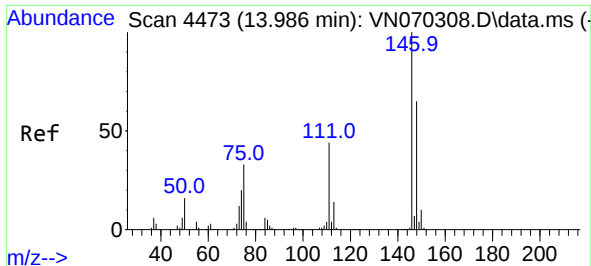
Tgt Ion:146 Resp: 8502
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 66.1 31.8 95.4



#89
n-Butylbenzene
Concen: 0.323 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion: 91 Resp: 10333
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 23.0 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.480 ug/l

RT: 13.989 min Scan# 44

Delta R.T. 0.003 min

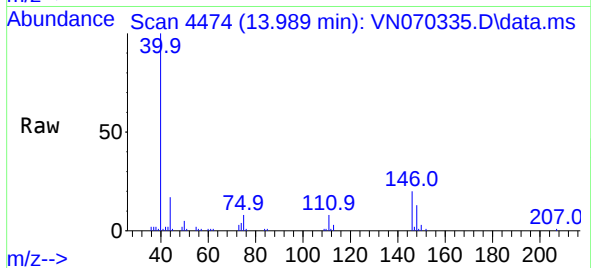
Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

Instrument :

MSVOA_N

ClientSampleId :



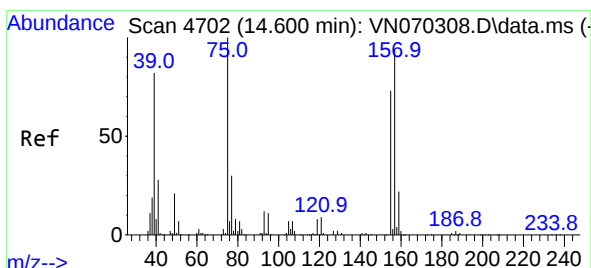
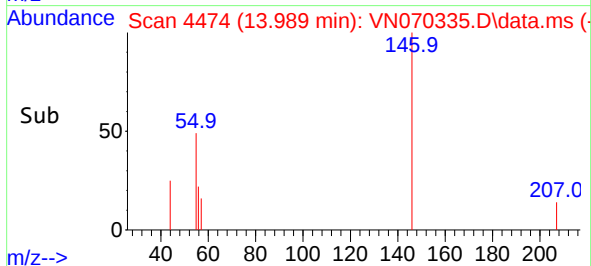
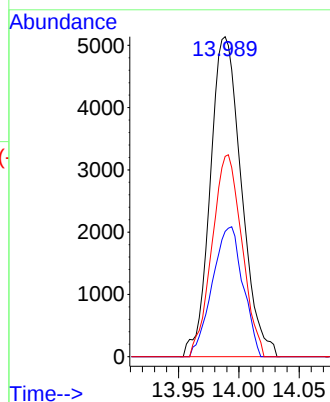
Tgt Ion:146 Resp: 9219

Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.3

148 60.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.866 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. 0.003 min

Lab File: VN070335.D

Acq: 28 Dec 2021 19:36

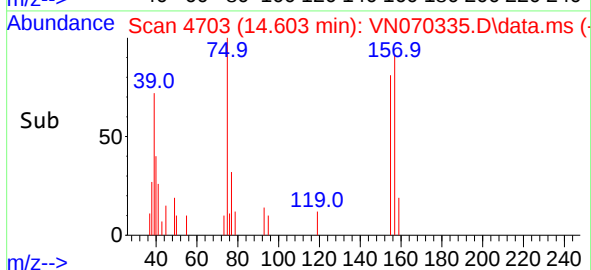
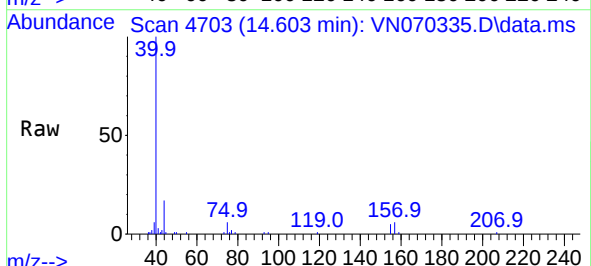
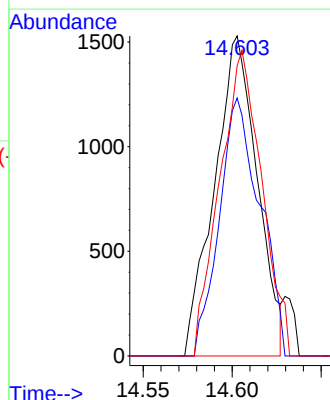
Tgt Ion: 75 Resp: 2559

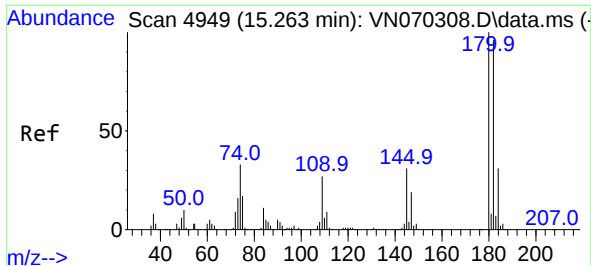
Ion Ratio Lower Upper

75 100

155 76.7 46.9 140.7

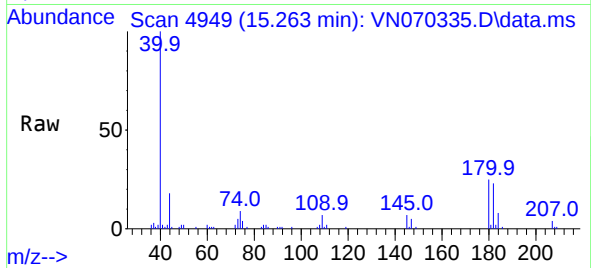
157 93.8 60.6 181.7



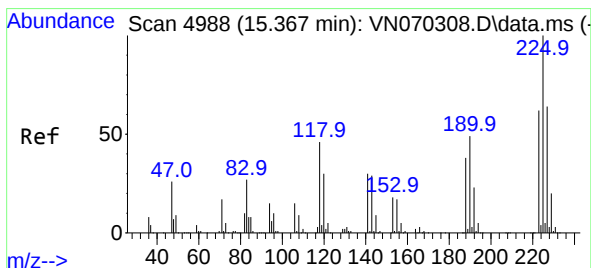
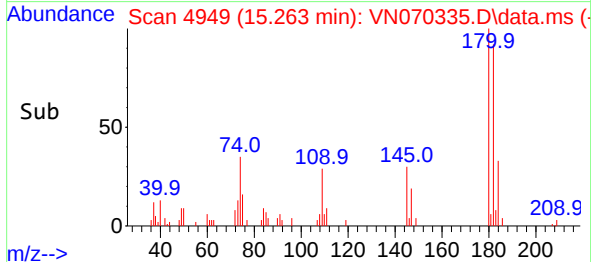
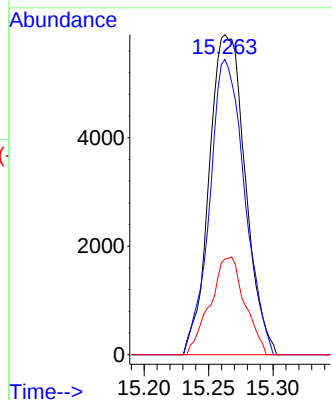


#93
1,2,4-Trichlorobenzene
Concen: 1.268 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

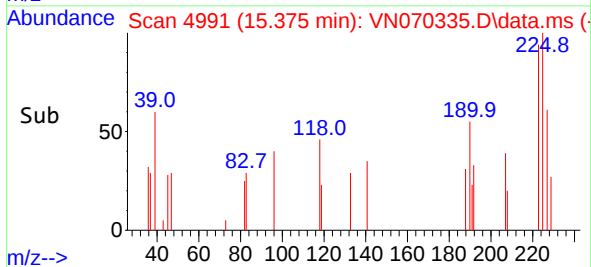
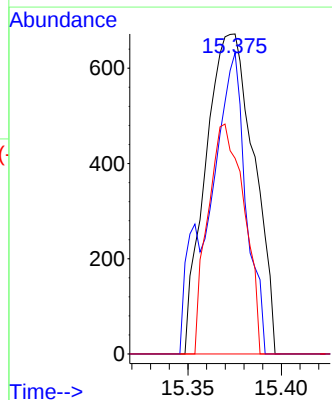
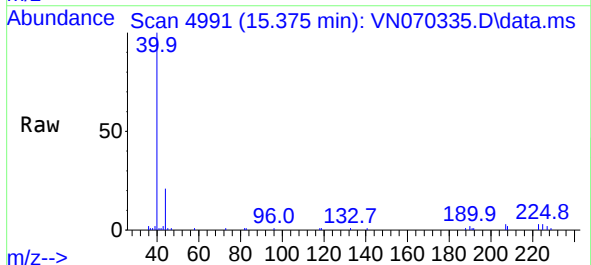


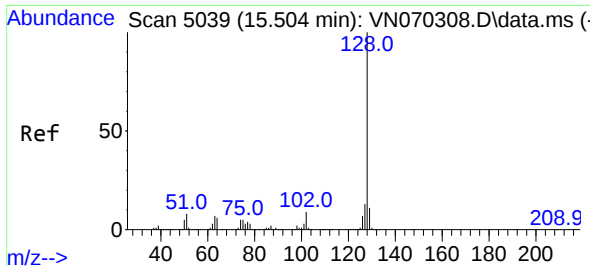
Tgt Ion:180 Resp: 11486
Ion Ratio Lower Upper
180 100
182 89.3 48.3 144.9
145 29.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.229 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.008 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:225 Resp: 1207
Ion Ratio Lower Upper
225 100
223 60.5 31.9 95.7
227 54.1 32.1 96.3

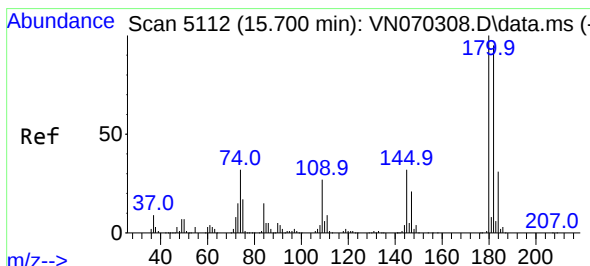
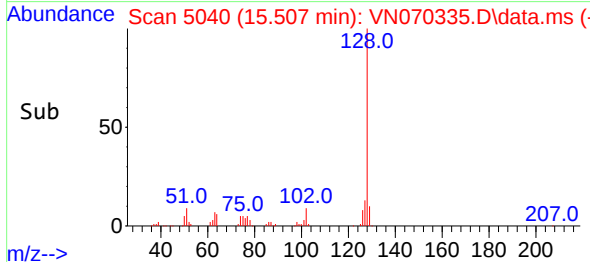
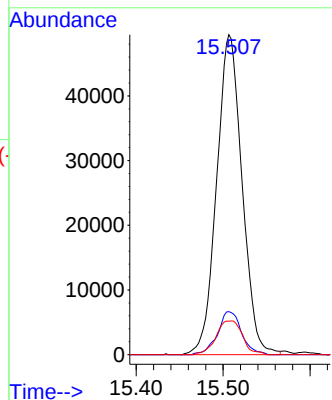
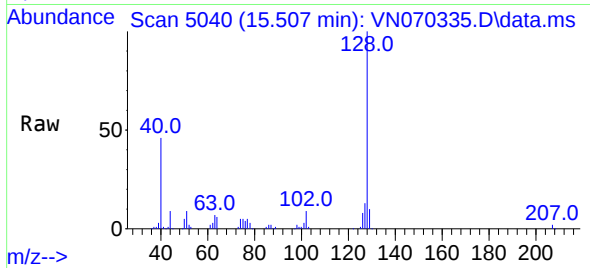




#95
Naphthalene
Concen: 5.672 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 100602
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.269 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070335.D
Acq: 28 Dec 2021 19:36

Tgt Ion:180 Resp: 12708
Ion Ratio Lower Upper
180 100
182 99.7 47.4 142.2
145 32.6 15.0 45.1

