

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070667.D
 Acq On : 18 Jan 2022 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 19 01:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	741435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1420812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1699869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	693504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	525727	49.476	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.960%
35) Dibromofluoromethane	8.021	113	410309	46.556	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.120%
50) Toluene-d8	10.441	98	1911863	51.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.731	95	853742	64.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	129.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	2836	0.331	ug/l	97
3) Chloromethane	2.309	50	5484	0.438	ug/l	98
4) Vinyl Chloride	2.448	62	2987	0.251	ug/l	89
5) Bromomethane	2.880	94	9105	1.468	ug/l	89
7) Trichlorofluoromethane	3.384	101	3920	0.288	ug/l	88
10) Methyl Iodide	4.425	142	3513	0.331	ug/l #	95
11) Tert butyl alcohol	5.385	59	771	0.402	ug/l #	71
12) 1,1-Dichloroethene	4.183	96	2792	0.340	ug/l #	60
13) Acrolein	4.047	56	8233	2.994	ug/l	100
15) Acrylonitrile	5.557	53	5902	0.968	ug/l #	36
16) Acetone	4.291	43	13109	1.777	ug/l	97
17) Carbon Disulfide	4.537	76	30263	1.359	ug/l	98
18) Methyl Acetate	4.867	43	10362	0.714	ug/l #	65
21) trans-1,2-Dichloroethene	5.600	96	4841	0.586	ug/l	93
23) Vinyl Acetate	6.442	43	13799	0.460	ug/l	100
25) 2-Butanone	7.348	43	16870	1.818	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	3571	0.364	ug/l	84
28) Bromochloromethane	7.654	49	1856	0.233	ug/l #	30
29) Tetrahydrofuran	7.691	42	4259	0.749	ug/l #	80
30) Chloroform	7.815	83	24099	0.896	ug/l	95
31) Cyclohexane	8.083	56	20499	1.096	ug/l #	1
36) 1,1-Dichloropropene	8.225	75	6225	0.420	ug/l #	79
37) Ethyl Acetate	7.418	43	4272	0.217	ug/l #	93
38) Carbon Tetrachloride	8.083	117	71147	5.390	ug/l #	17
39) Methylcyclohexane	9.464	83	4770	0.260	ug/l #	81
42) 1,2-Dichloroethane	8.528	62	4465	0.280	ug/l	87
44) Trichloroethene	9.215	130	4831	0.464	ug/l	87
46) Dibromomethane	9.572	93	2191	0.301	ug/l	90
47) Bromodichloromethane	9.759	83	3668	0.247	ug/l #	87
48) Methyl methacrylate	9.561	41	5459	0.381	ug/l #	80
49) 1,4-Dioxane	9.572	88	1454	6.753	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	33655	1.753	ug/l	100
52) Toluene	10.505	92	8432	0.307	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	4699	2.652	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	2688	0.249	ug/l	95
56) Ethyl methacrylate	10.760	69	7675	2.658	ug/l #	81

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 Sample : IBLK
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 ALS Vial : 9 Sample Multiplier: 1

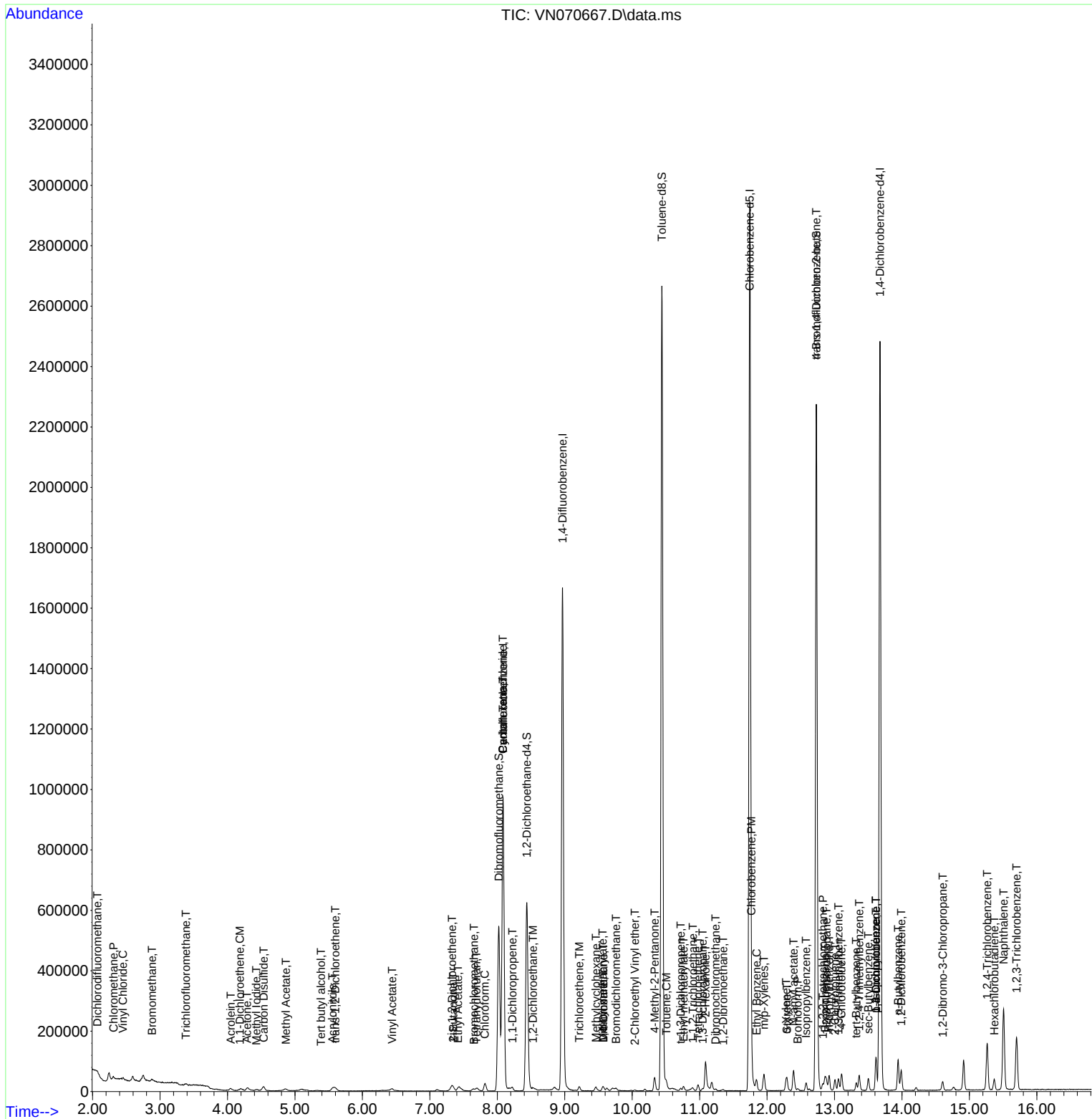
Quant Time: Jan 19 01:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
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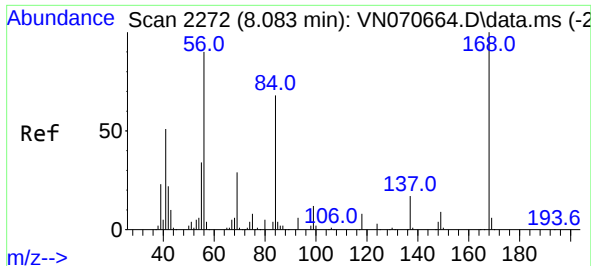
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) 1,3-Dichloropropane	11.047	76	4703	0.246	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	1450	21.491	ug/l #	52
59) 2-Hexanone	11.087	43	81296	5.829	ug/l	99
60) Dibromochloromethane	11.237	129	2060	0.204	ug/l	74
61) 1,2-Dibromoethane	11.350	107	3337	0.308	ug/l	93
64) Tetrachloroethene	10.980	164	4603	0.369	ug/l	96
65) Chlorobenzene	11.768	112	15958	0.433	ug/l	95
67) Ethyl Benzene	11.843	91	21431	0.314	ug/l	96
68) m/p-Xylenes	11.956	106	17558	0.707	ug/l	96
69) o-Xylene	12.283	106	6233	0.253	ug/l	88
70) Styrene	12.296	104	17698	0.449	ug/l	96
71) Bromoform	12.452	173	3008	0.314	ug/l #	92
73) Isopropylbenzene	12.578	105	17816	0.272	ug/l	99
74) N-amyl acetate	12.393	43	46042	1.716	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	11020	0.497	ug/l	96
76) 1,2,3-Trichloropropane	12.881	75	14440	0.785	ug/l	97
77) Bromobenzene	12.860	156	9616	0.654	ug/l	72
78) n-propylbenzene	12.921	91	40414	0.551	ug/l	93
79) 2-Chlorotoluene	13.004	91	19468	0.419	ug/l	98
80) 1,3,5-Trimethylbenzene	13.058	105	19157	0.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.731	75	440988	71.426	ug/l #	5
82) 4-Chlorotoluene	13.104	91	35831	0.826	ug/l	89
83) tert-Butylbenzene	13.321	119	12935	0.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.367	105	27240	0.534	ug/l	94
85) sec-Butylbenzene	13.501	105	29025	0.462	ug/l	95
86) p-Isopropyltoluene	13.616	119	27867	0.565	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	27047	1.105	ug/l	95
88) 1,4-Dichlorobenzene	13.616	146	27047	1.111	ug/l	94
89) n-Butylbenzene	13.943	91	61508	1.512	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	28674	1.186	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.606	75	8528	2.269	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	53682	7.328	ug/l	99
94) Hexachlorobutadiene	15.370	225	8550	1.194	ug/l	96
95) Naphthalene	15.507	128	261533	11.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	65288	8.204	ug/l	94

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

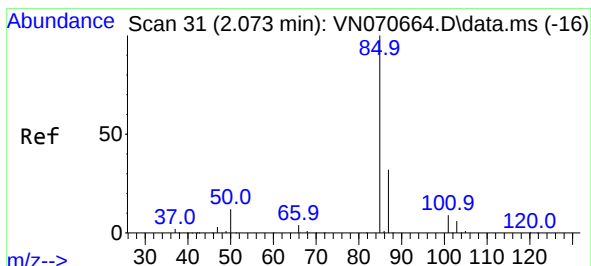
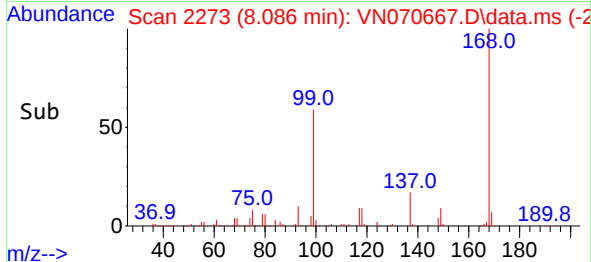
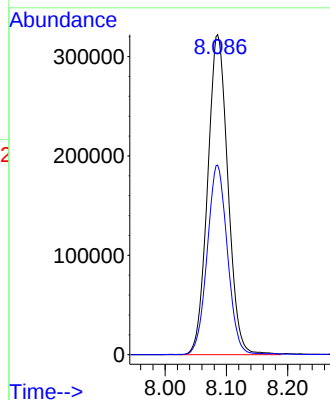
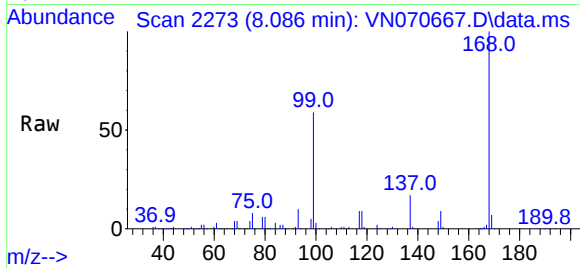
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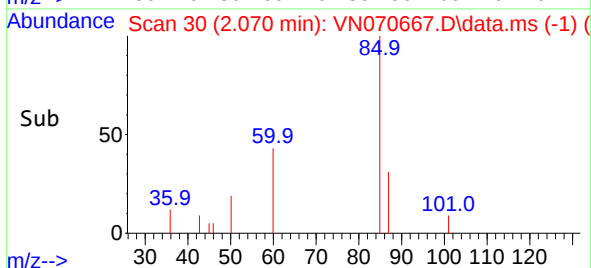
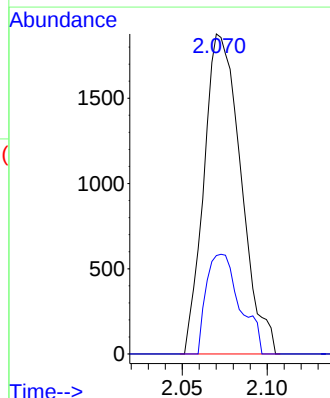
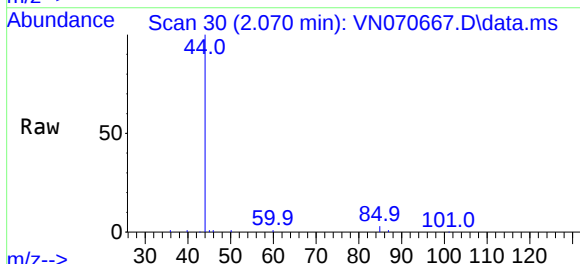
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

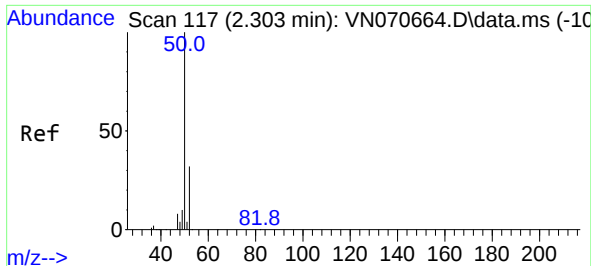
Tgt Ion: 168 Resp: 741435
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.331 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

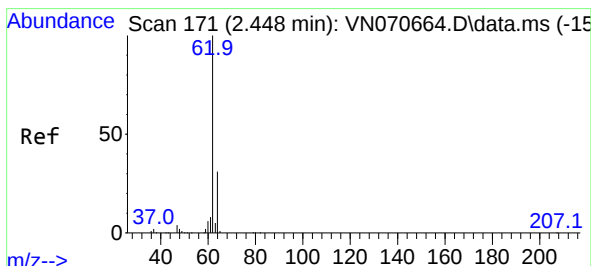
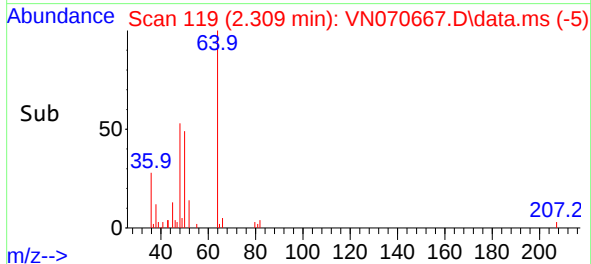
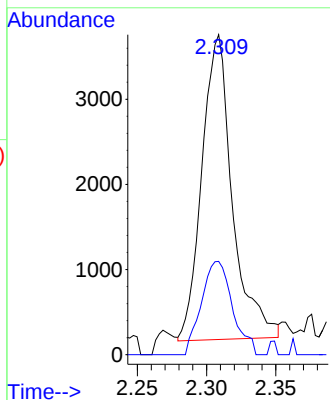
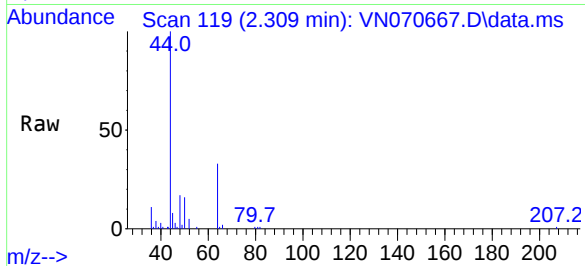
Tgt Ion: 85 Resp: 2836
Ion Ratio Lower Upper
85 100
87 30.7 16.3 48.9





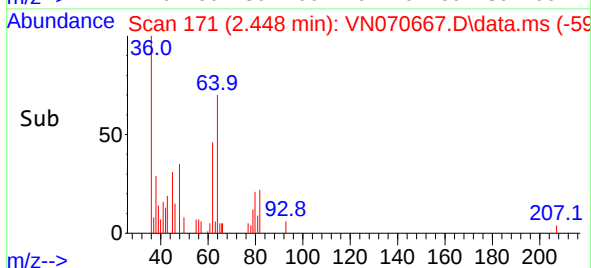
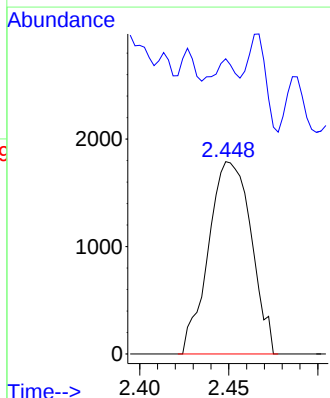
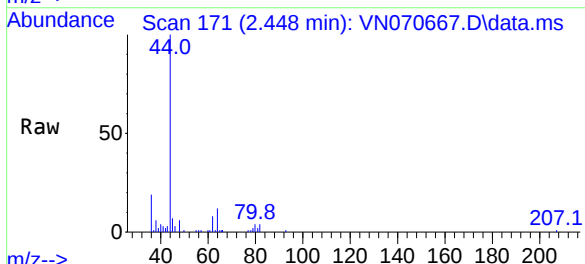
#3
Chloromethane
Concen: 0.438 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

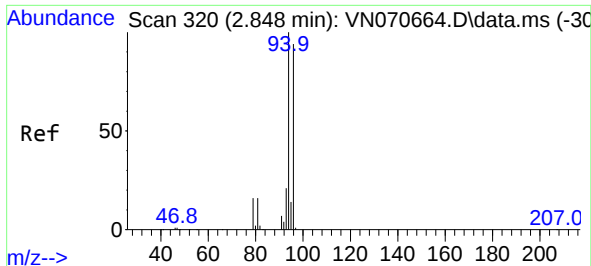
Tgt Ion: 50 Resp: 5484
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.0



#4
Vinyl Chloride
Concen: 0.251 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

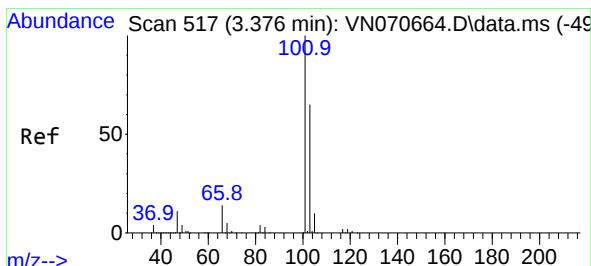
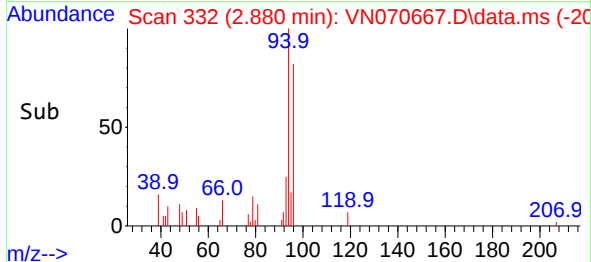
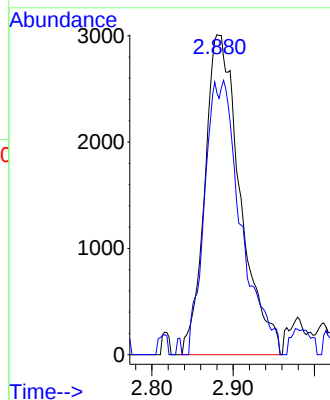
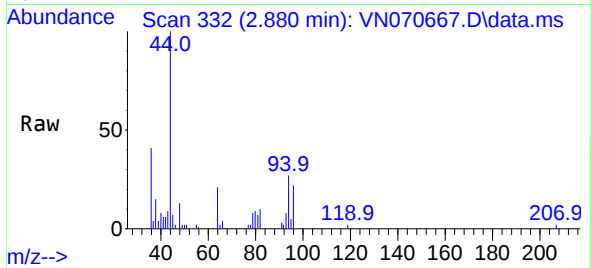
Tgt Ion: 62 Resp: 2987
Ion Ratio Lower Upper
62 100
64 38.2 25.8 38.6





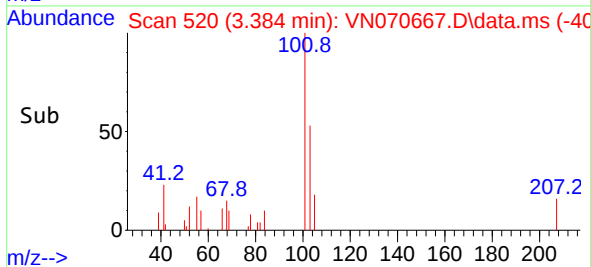
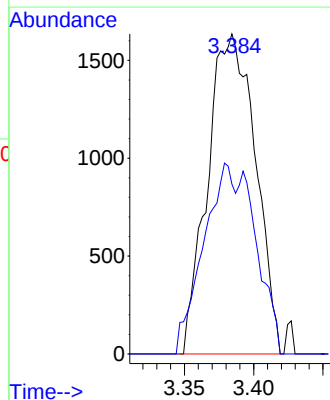
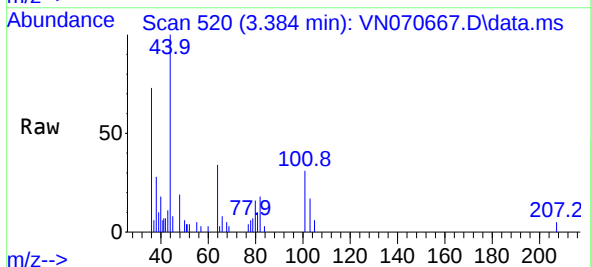
#5
Bromomethane
Concen: 1.468 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.032 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

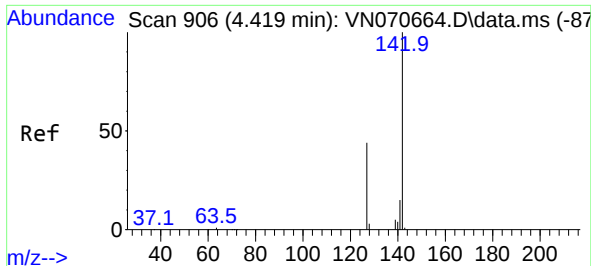
Tgt Ion: 94 Resp: 9105
Ion Ratio Lower Upper
94 100
96 81.7 73.8 110.8



#7
Trichlorofluoromethane
Concen: 0.288 ug/l
RT: 3.384 min Scan# 520
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

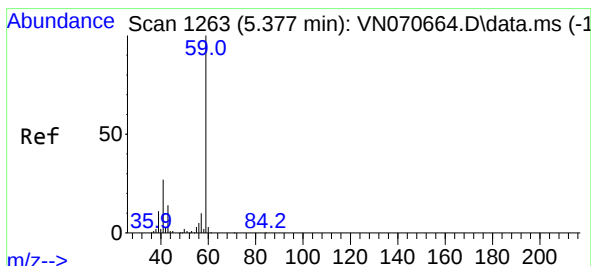
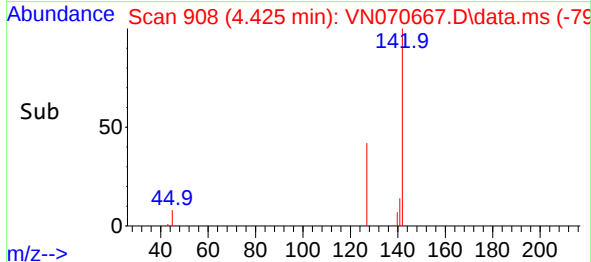
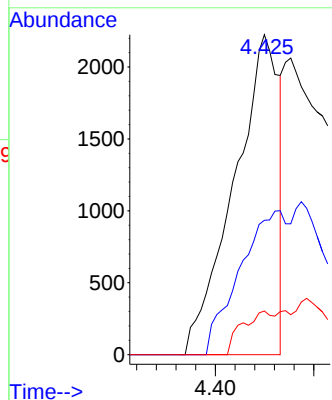
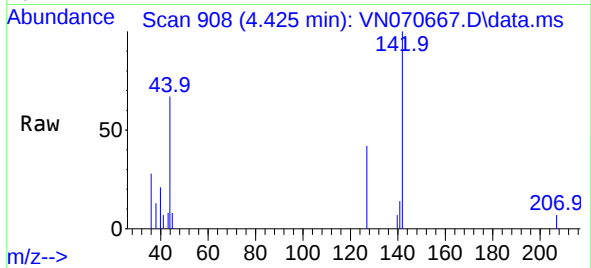
Tgt Ion: 101 Resp: 3920
Ion Ratio Lower Upper
101 100
103 53.1 50.1 75.1





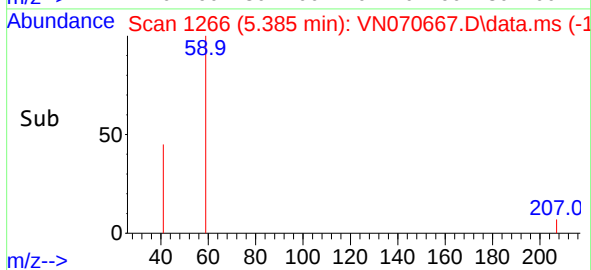
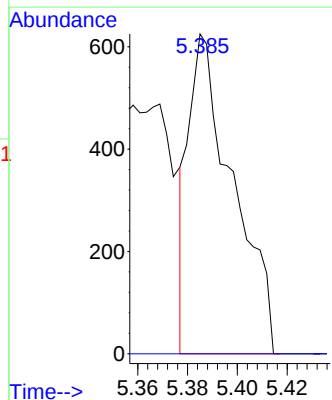
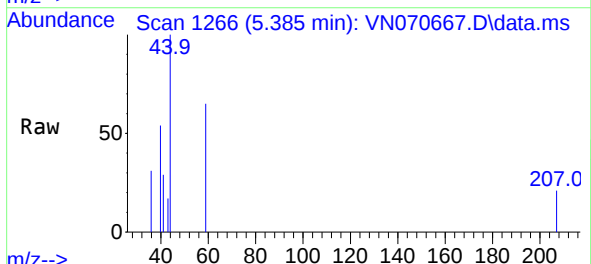
#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

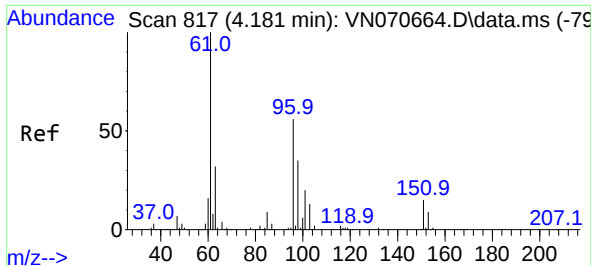
Tgt Ion:142 Resp: 3513
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 9.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.402 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

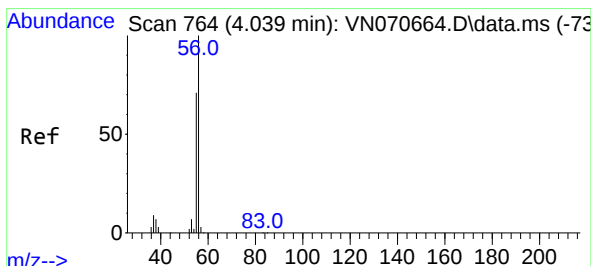
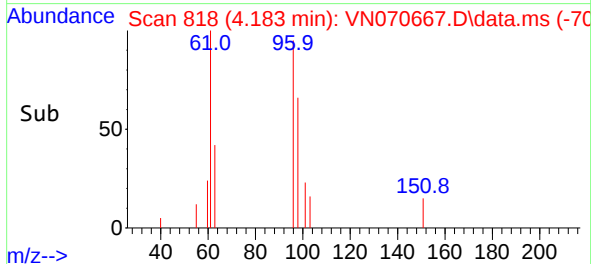
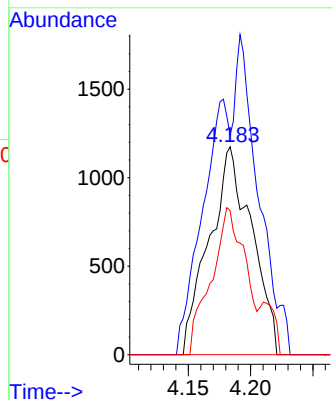
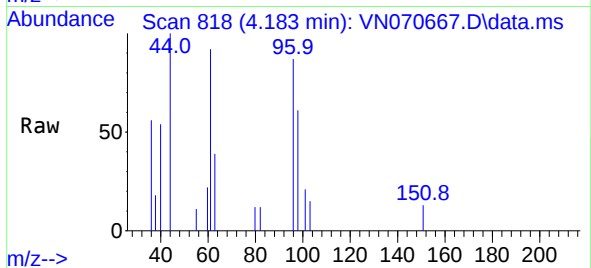
Tgt Ion: 59 Resp: 771
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





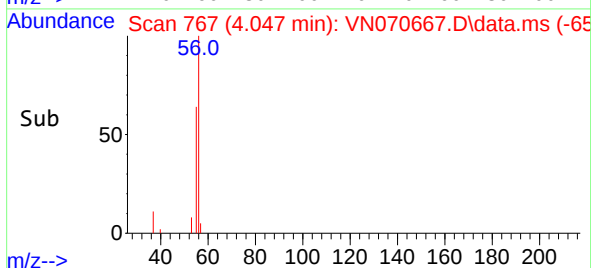
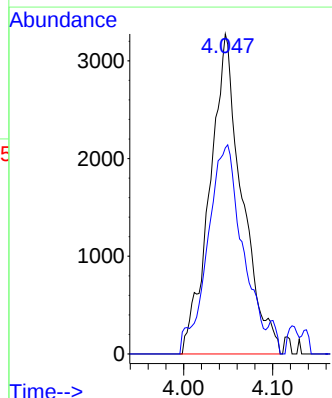
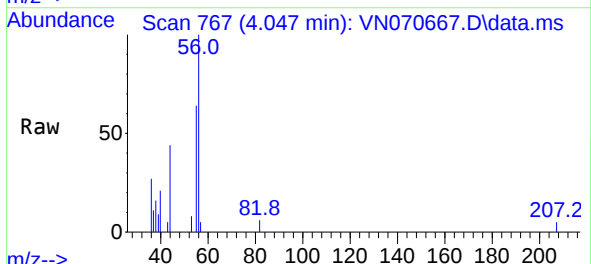
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1,1-Dichloroethene
Concen: 0.340 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

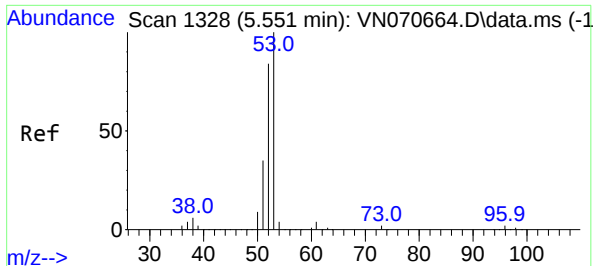
Tgt Ion: 96 Resp: 2792
Ion Ratio Lower Upper
96 100
61 91.7 131.0 196.6#
98 69.3 52.4 78.6



#13
Acrolein
Concen: 2.994 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

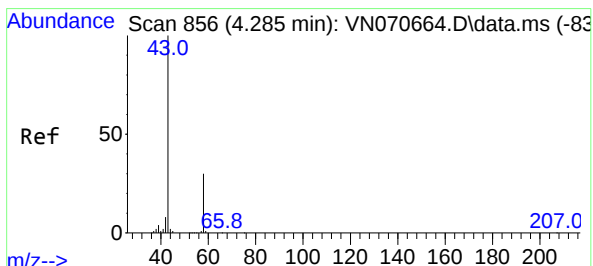
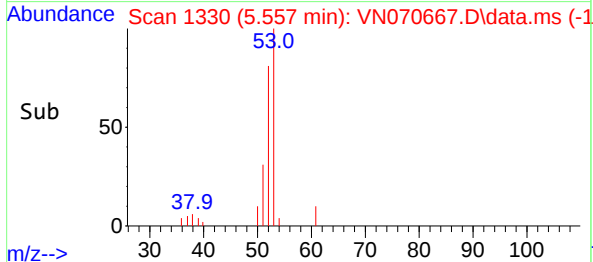
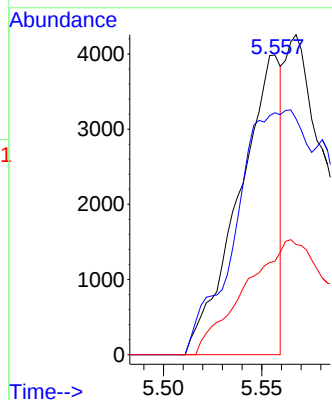
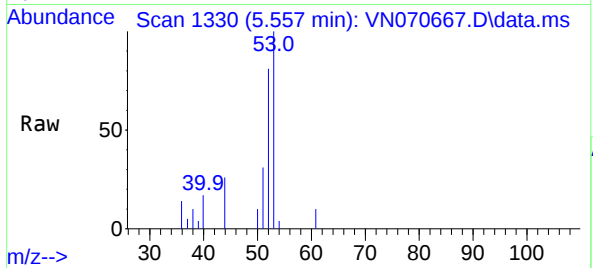
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Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0





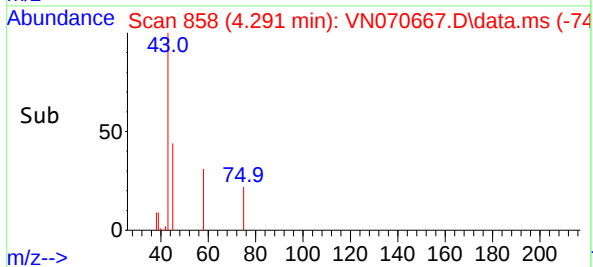
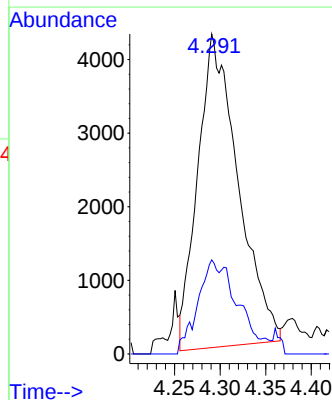
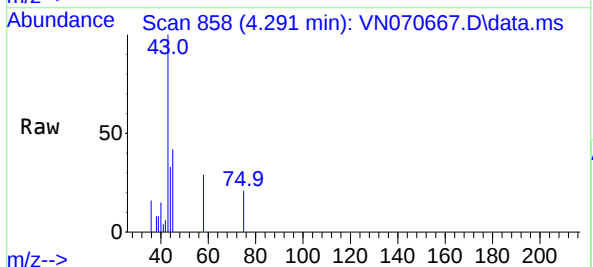
#15
Acrylonitrile
Concen: 0.968 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

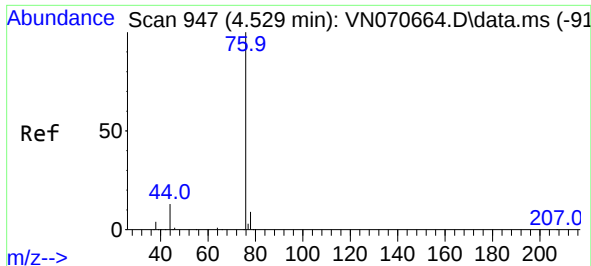
Tgt Ion: 53 Resp: 5902
Ion Ratio Lower Upper
53 100
52 138.6 66.2 99.2#
51 76.9 29.6 44.4#



#16
Acetone
Concen: 1.777 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

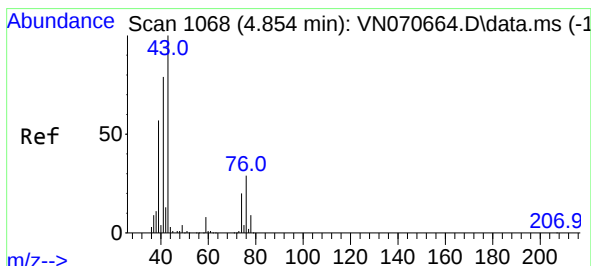
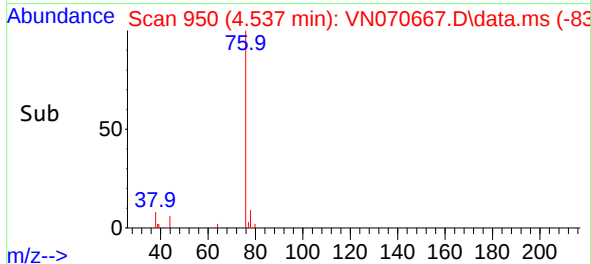
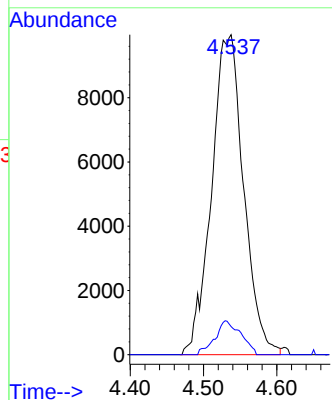
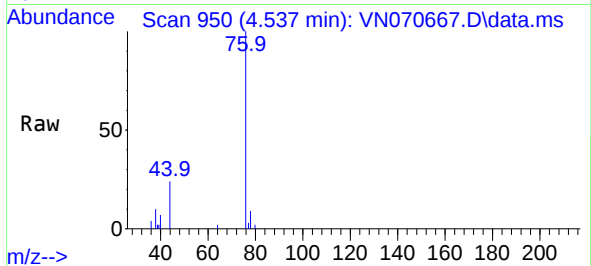
Tgt Ion: 43 Resp: 13109
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





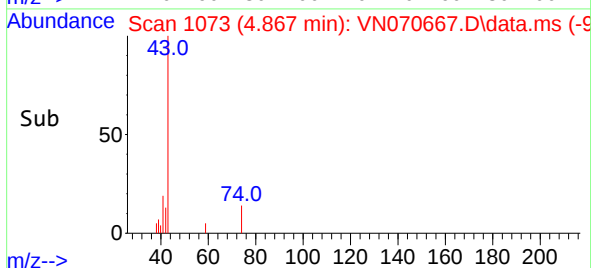
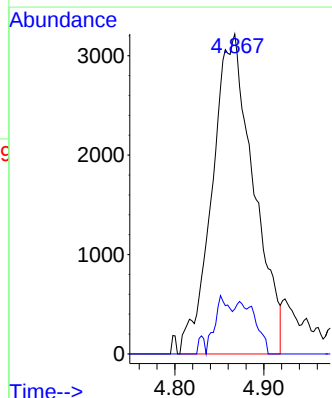
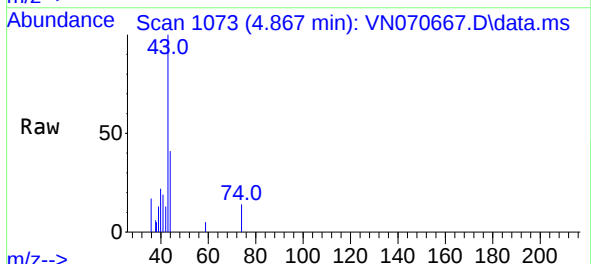
#17
Carbon Disulfide
Concen: 1.359 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

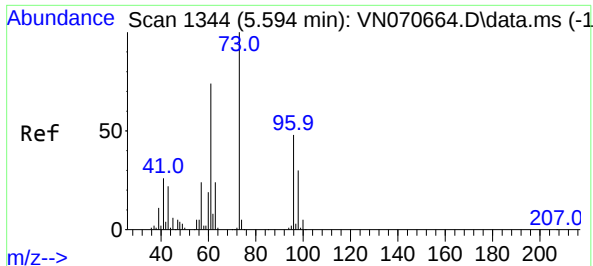
Tgt Ion: 76 Resp: 30263
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 0.714 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 43 Resp: 10362
Ion Ratio Lower Upper
43 100
74 6.8 19.4 29.2#

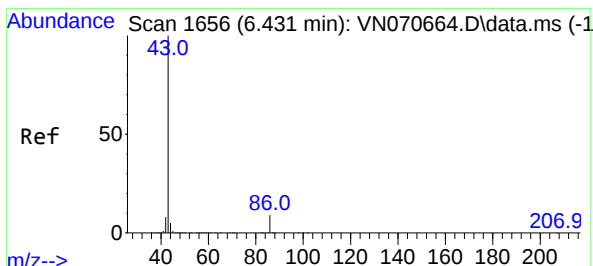
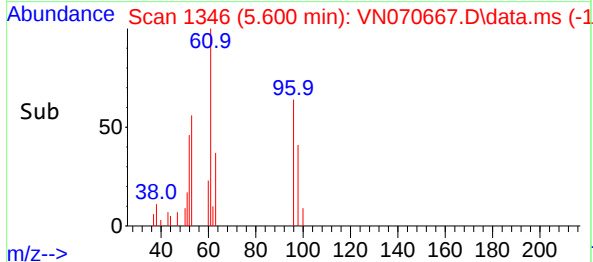
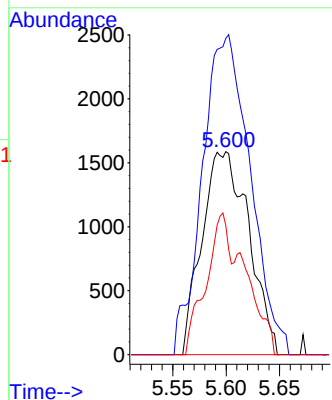
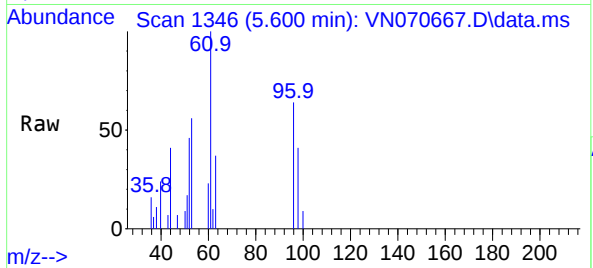




#21
trans-1,2-Dichloroethene
Concen: 0.586 ug/l
RT: 5.600 min Scan# 1346
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 96 Resp: 4841

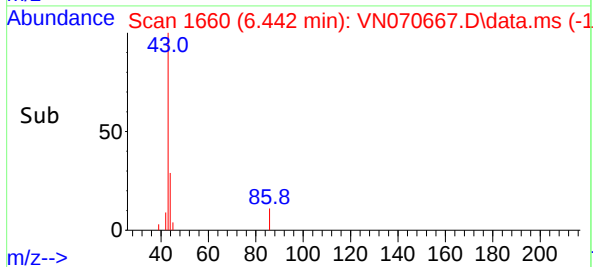
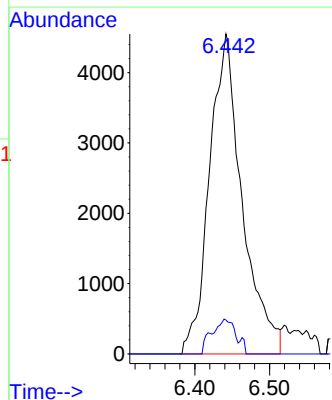
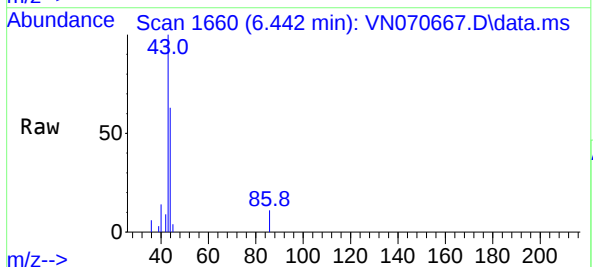
Ion	Ratio	Lower	Upper
96	100		
61	143.0	105.8	158.6
98	63.6	52.0	78.0

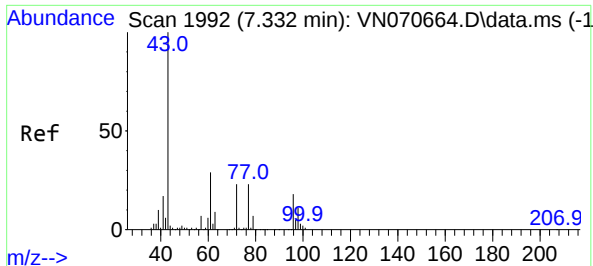


#23
Vinyl Acetate
Concen: 0.460 ug/l
RT: 6.442 min Scan# 1660
Delta R.T. 0.011 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 43 Resp: 13799

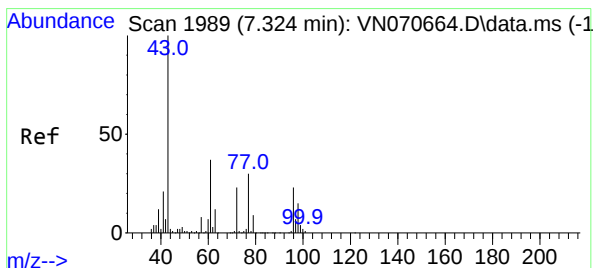
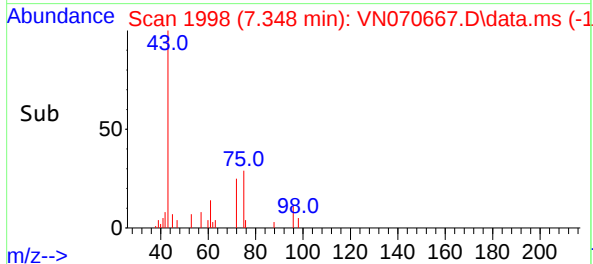
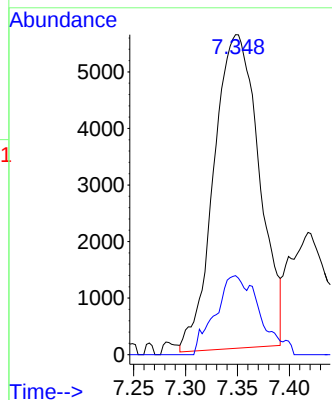
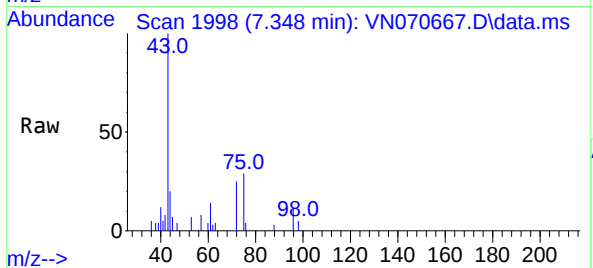
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.5	12.7





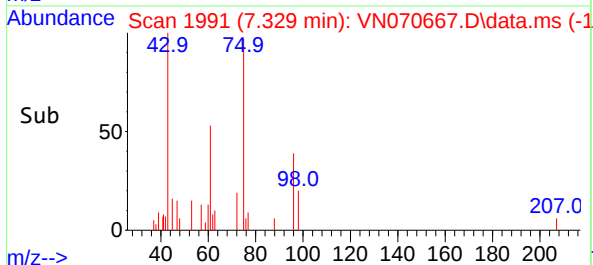
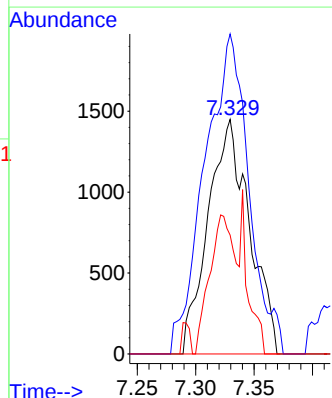
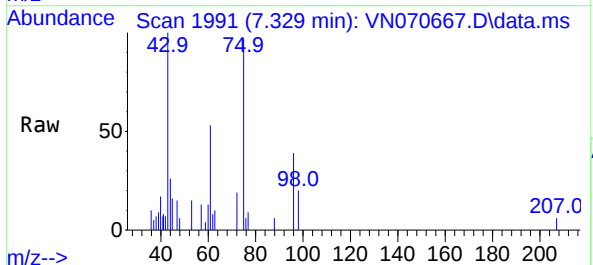
#25
2-Butanone
Concen: 1.818 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

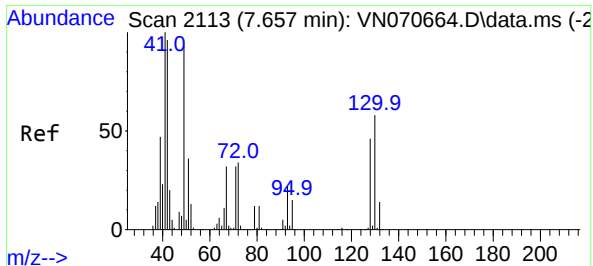
Tgt Ion: 43 Resp: 16870
Ion Ratio Lower Upper
43 100
72 25.5 21.7 32.5



#27
cis-1,2-Dichloroethene
Concen: 0.364 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

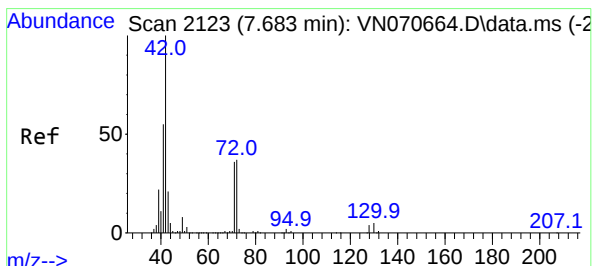
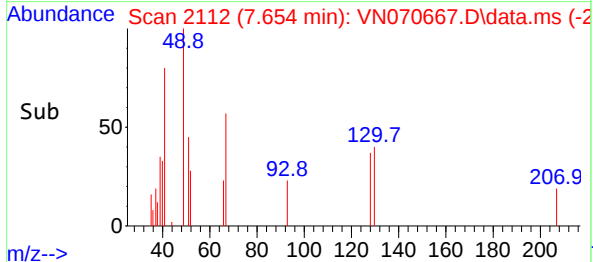
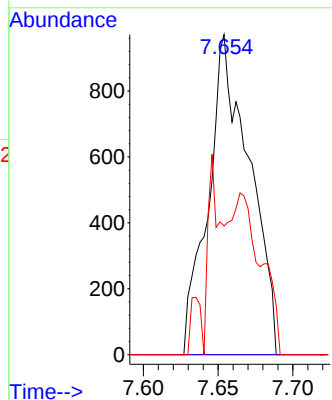
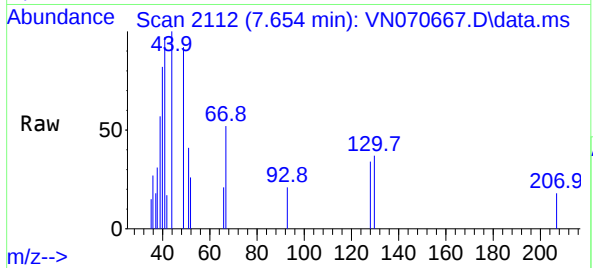
Tgt Ion: 96 Resp: 3571
Ion Ratio Lower Upper
96 100
61 144.8 0.0 275.0
98 36.6 0.0 129.6





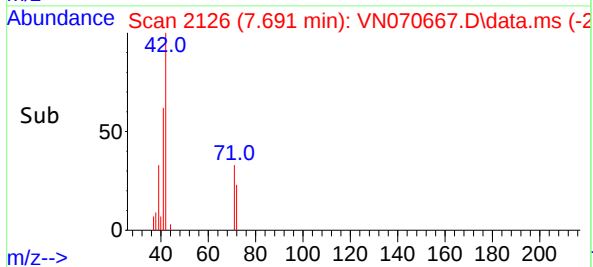
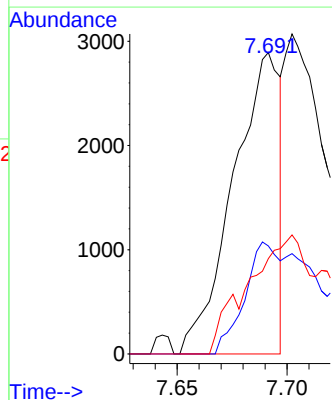
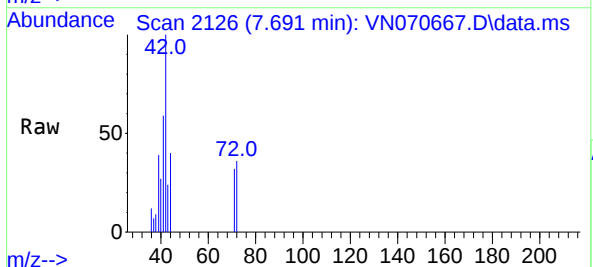
#28
Bromochloromethane
Concen: 0.233 ug/l
RT: 7.654 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

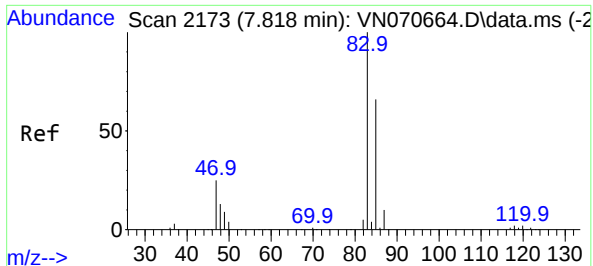
Tgt Ion: 49 Resp: 1856
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 19.2 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.749 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 42 Resp: 4259
Ion Ratio Lower Upper
42 100
72 27.3 36.3 54.5#
71 51.1 34.7 52.1

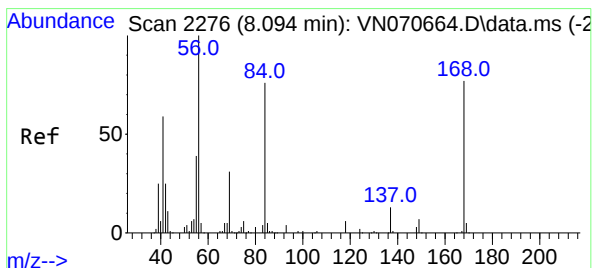
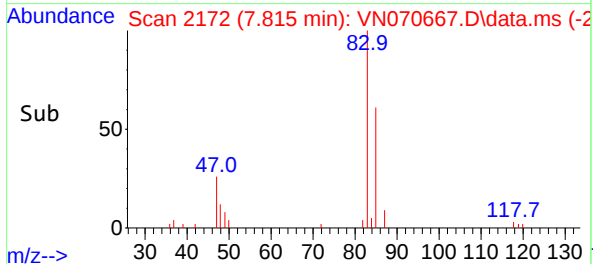
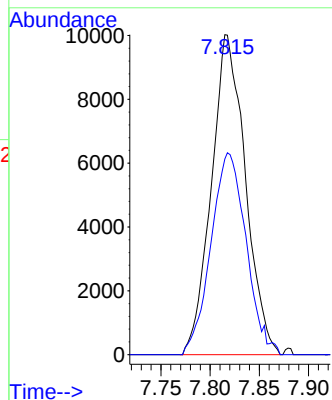
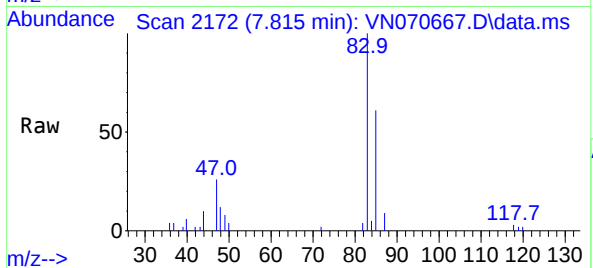




#30

Chloroform
Concen: 0.896 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

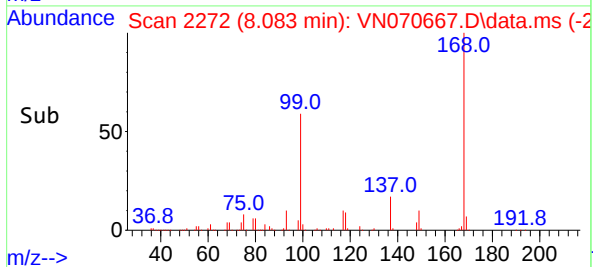
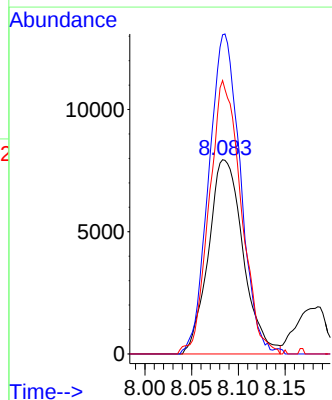
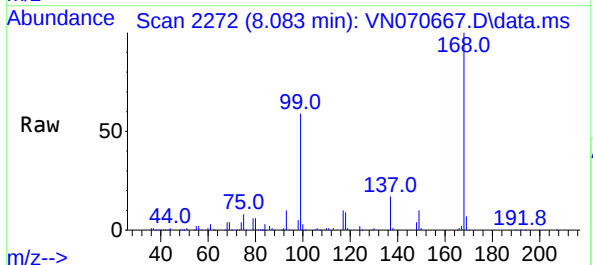
Tgt Ion: 83 Resp: 24099
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9

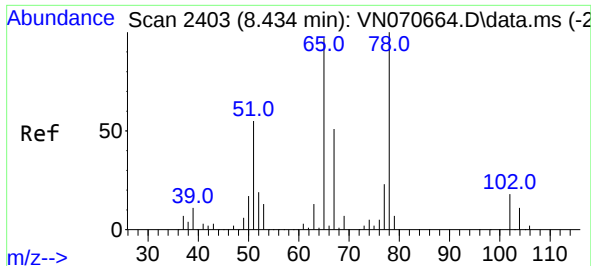


#31

Cyclohexane
Concen: 1.096 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

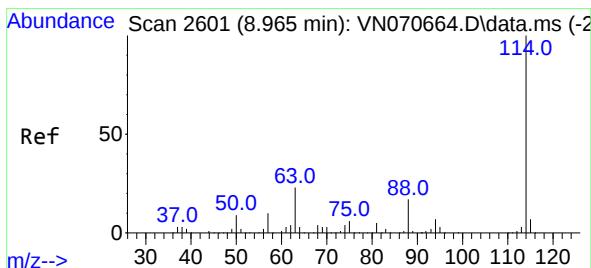
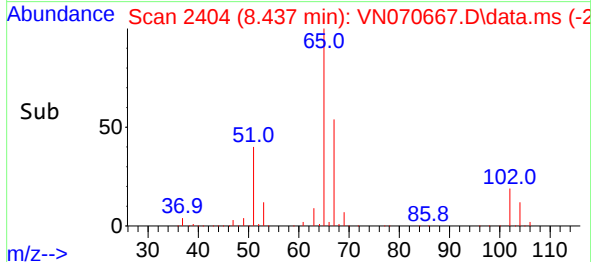
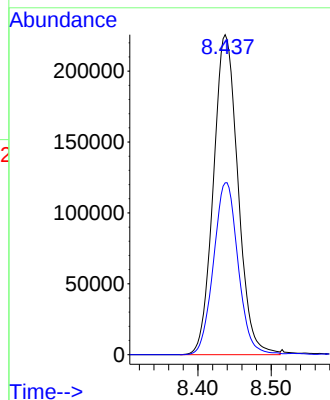
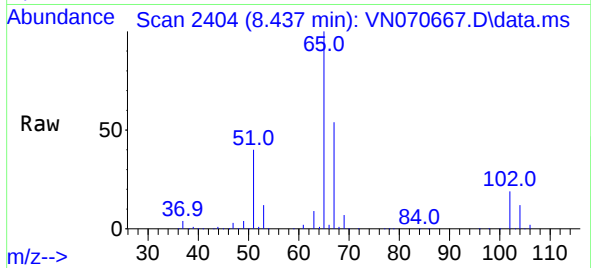
Tgt Ion: 56 Resp: 20499
Ion Ratio Lower Upper
56 100
69 164.3 27.1 40.7#
84 140.8 73.4 110.0#





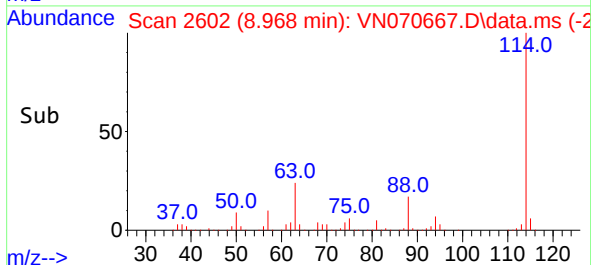
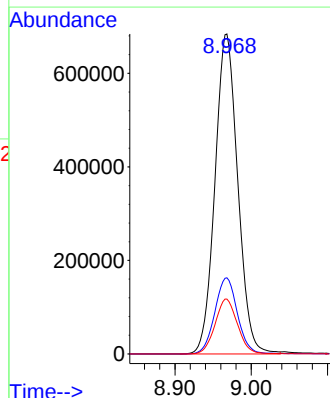
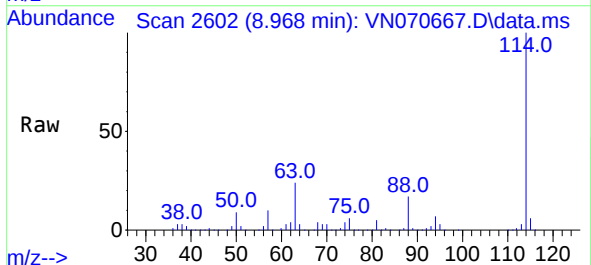
#33
1,2-Dichloroethane-d4
Concen: 49.476 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

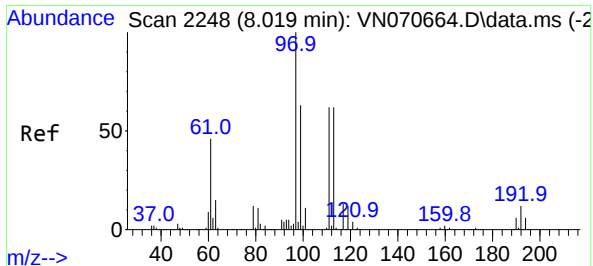
Tgt Ion: 65 Resp: 525727
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 114 Resp: 1420812
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 17.1 0.0 27.4

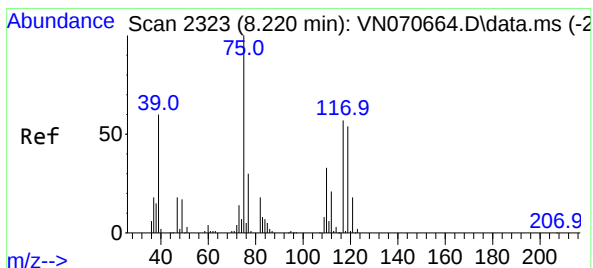
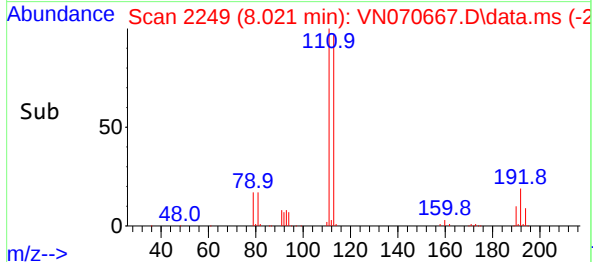
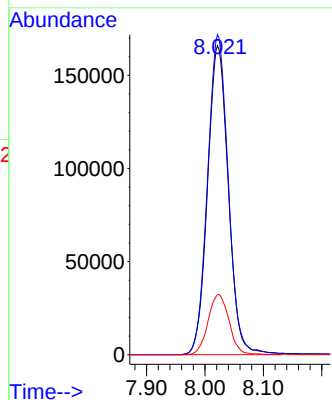
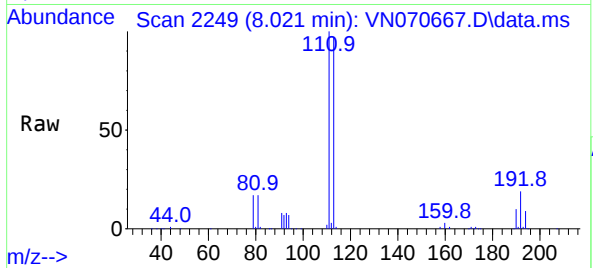




#35
Dibromofluoromethane
Concen: 46.556 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 113 Resp: 410309

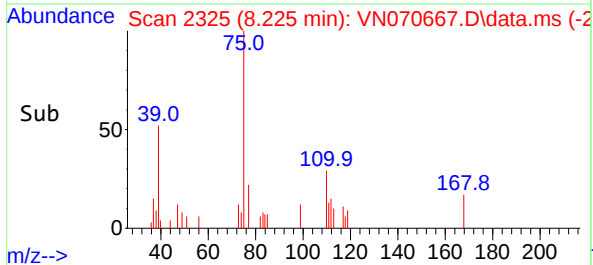
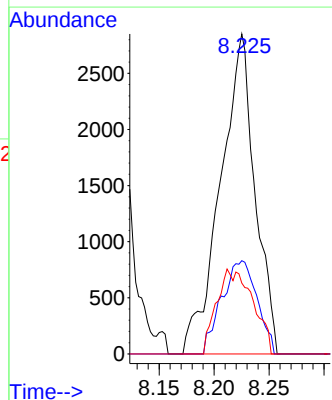
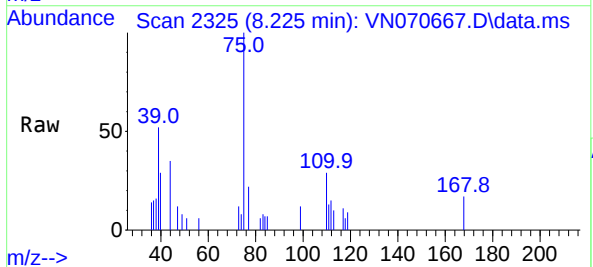
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	19.7	16.9	25.3

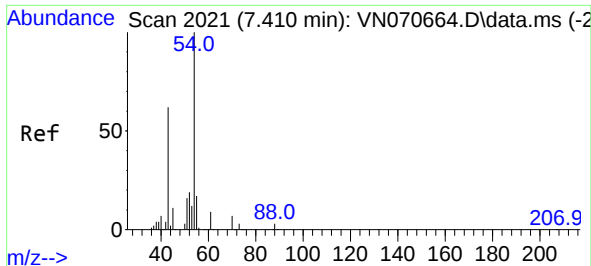


#36
1,1-Dichloropropene
Concen: 0.420 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.005 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 75 Resp: 6225

Ion	Ratio	Lower	Upper
75	100		
110	29.8	18.4	55.2
77	13.0	24.4	36.6





#37

Ethyl Acetate

Concen: 0.217 ug/l

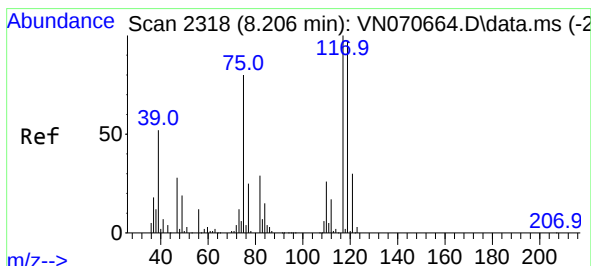
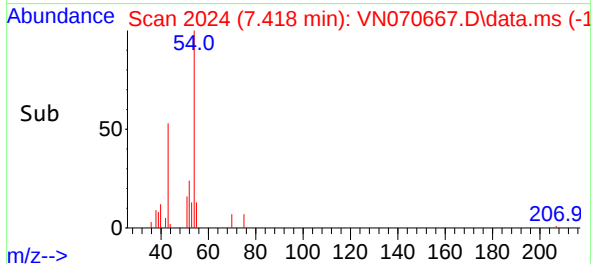
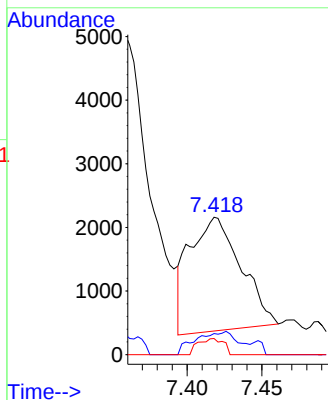
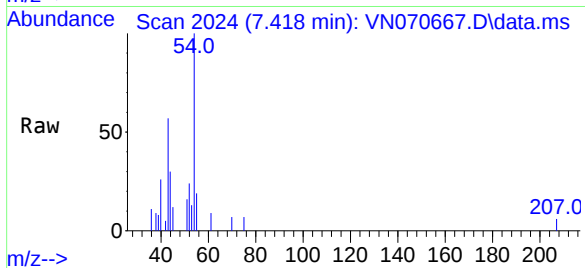
RT: 7.418 min Scan# 2024

Delta R.T. 0.008 min

Lab File: VN070667.D

Acq: 18 Jan 2022 13:24

Tgt Ion:	43	Resp:	4272
Ion	Ratio	Lower	Upper
43	100		
61	17.0	11.5	17.3
70	7.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 5.390 ug/l

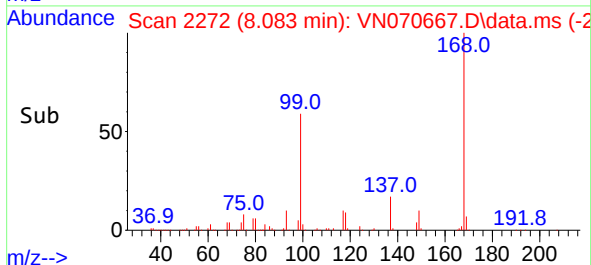
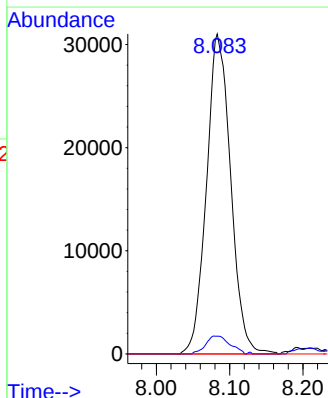
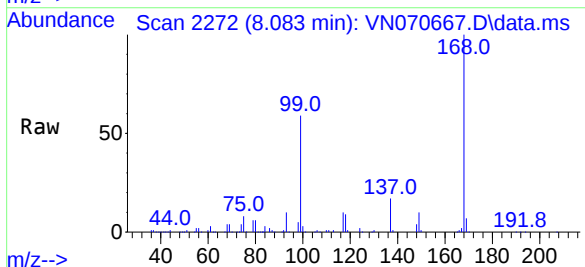
RT: 8.083 min Scan# 2272

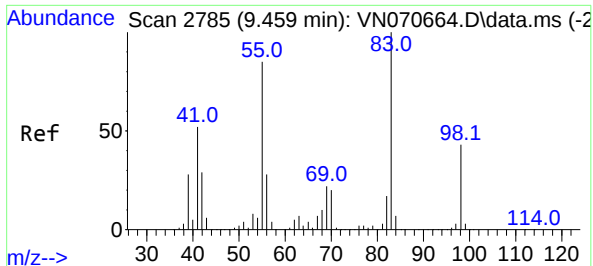
Delta R.T. -0.123 min

Lab File: VN070667.D

Acq: 18 Jan 2022 13:24

Tgt Ion:	117	Resp:	71147
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	24.2	36.2#





#39

Methylcyclohexane

Concen: 0.260 ug/l

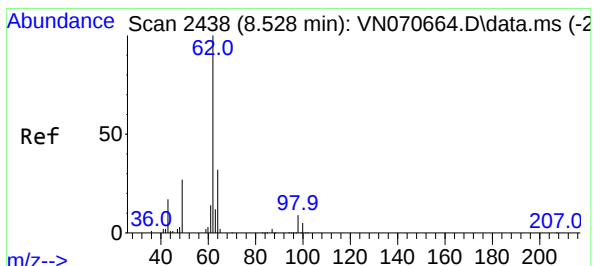
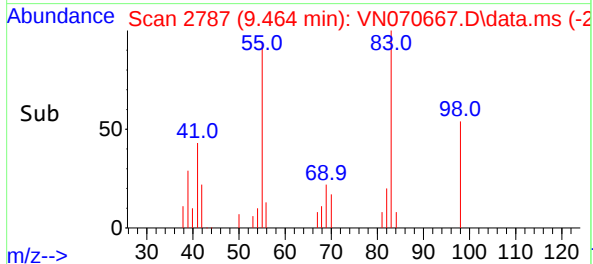
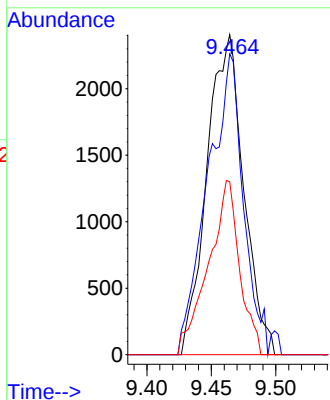
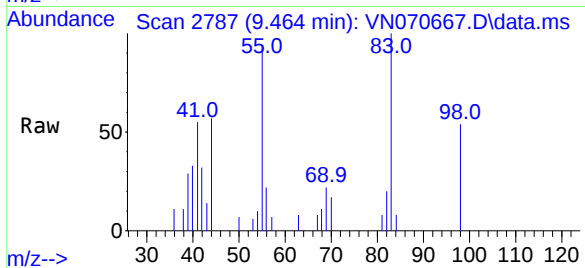
RT: 9.464 min Scan# 2787

Delta R.T. 0.005 min

Lab File: VN070667.D

Acq: 18 Jan 2022 13:24

Tgt Ion:	83	Resp:	4770
Ion	Ratio	Lower	Upper
83	100		
55	94.0	58.1	87.1#
98	54.0	38.4	57.6



#42

1,2-Dichloroethane

Concen: 0.280 ug/l

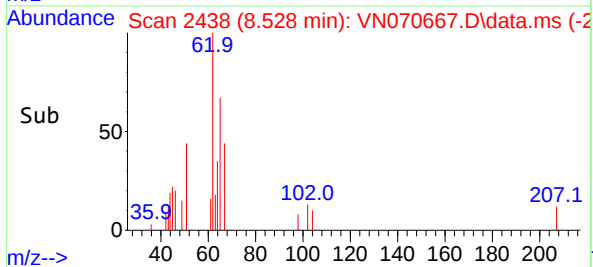
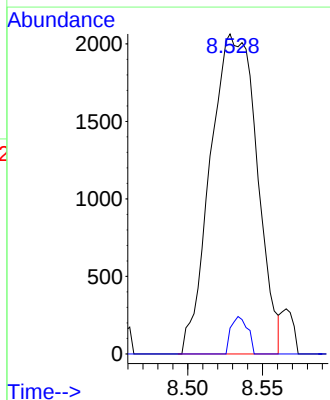
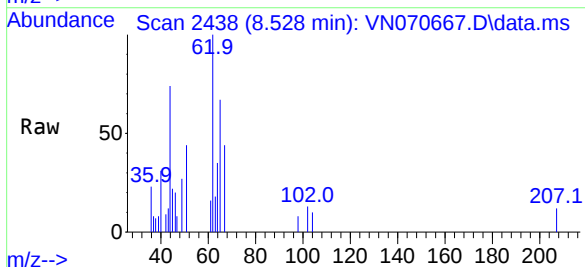
RT: 8.528 min Scan# 2438

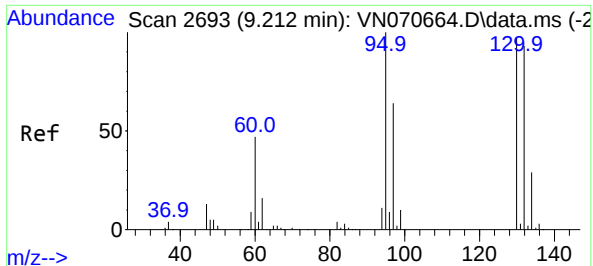
Delta R.T. 0.000 min

Lab File: VN070667.D

Acq: 18 Jan 2022 13:24

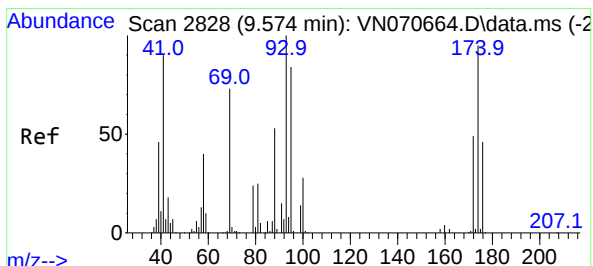
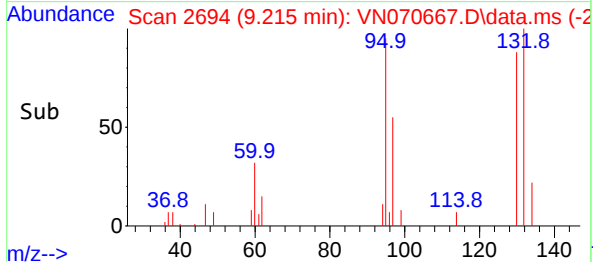
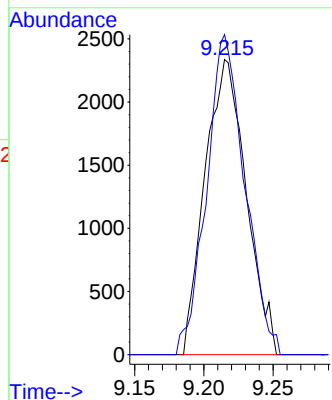
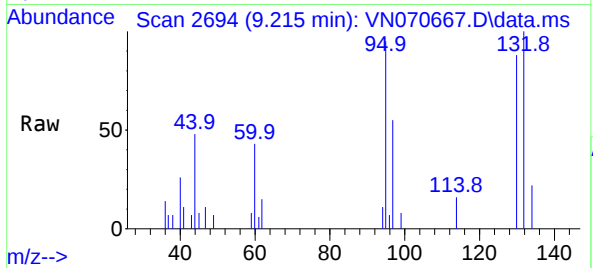
Tgt Ion:	62	Resp:	4465
Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	17.6





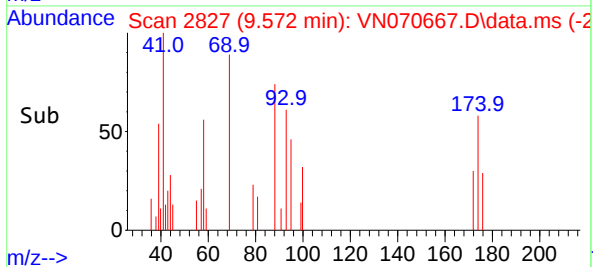
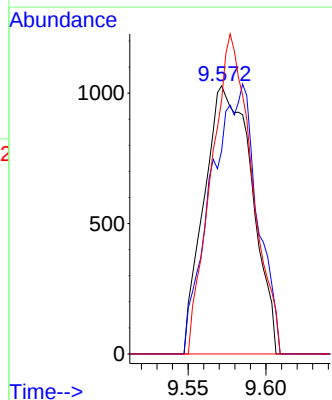
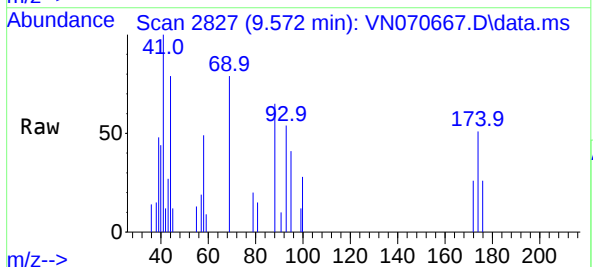
#44
Trichloroethene
Concen: 0.464 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

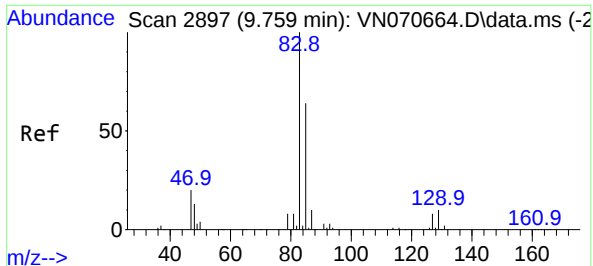
Tgt Ion:130 Resp: 4831
Ion Ratio Lower Upper
130 100
95 108.4 0.0 191.2



#46
Dibromomethane
Concen: 0.301 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. -0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

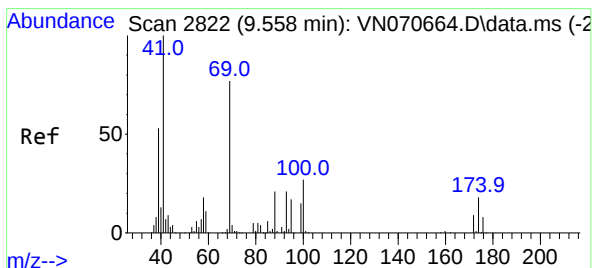
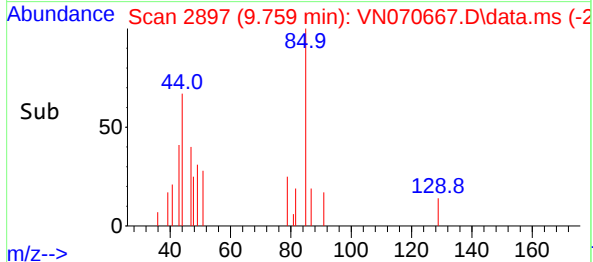
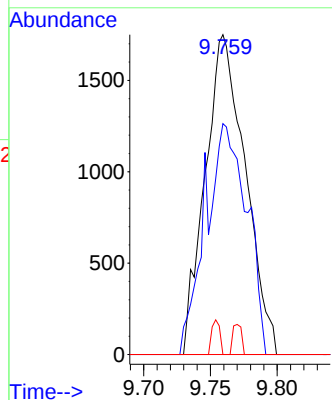
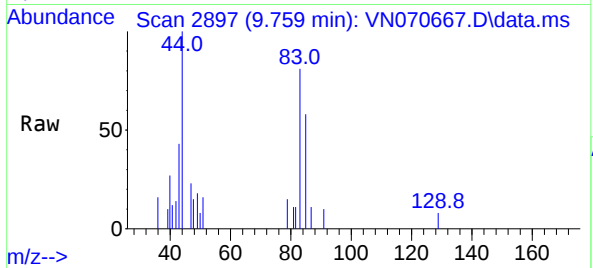
Tgt Ion: 93 Resp: 2191
Ion Ratio Lower Upper
93 100
95 97.8 65.9 98.9
174 101.6 84.6 127.0





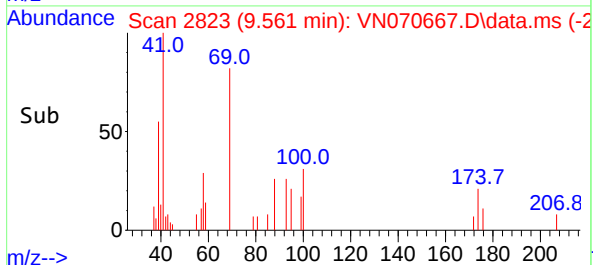
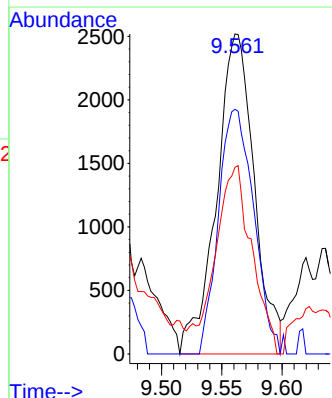
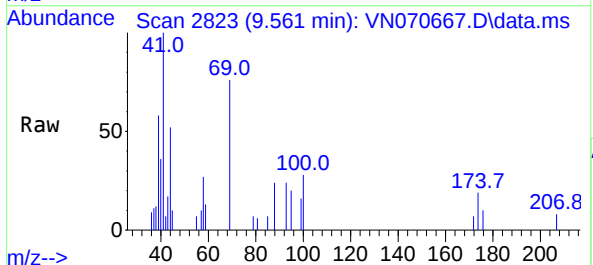
#47
Bromodichloromethane
Concen: 0.247 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

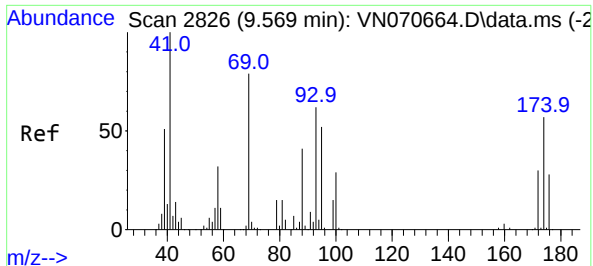
Tgt Ion: 83 Resp: 3668
Ion Ratio Lower Upper
83 100
85 72.2 50.9 76.3
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.381 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 41 Resp: 5459
Ion Ratio Lower Upper
41 100
69 72.0 72.4 108.6#
39 55.7 58.4 87.6#





#49

1,4-Dioxane

Concen: 6.753 ug/l

RT: 9.572 min Scan# 2827

Delta R.T. 0.003 min

Lab File: VN070667.D

Acq: 18 Jan 2022 13:24

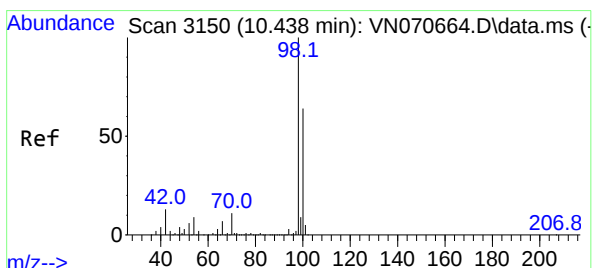
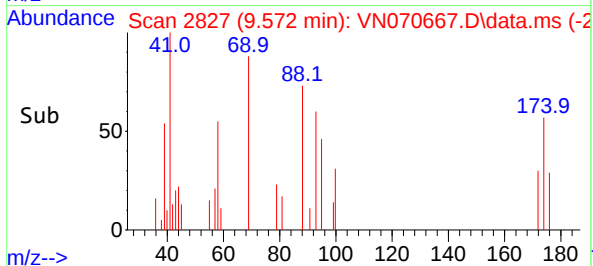
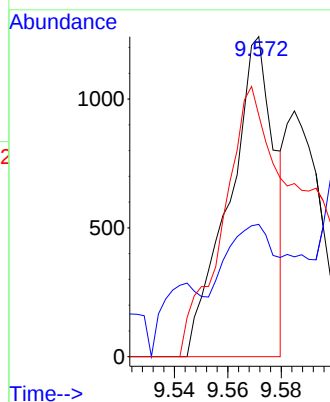
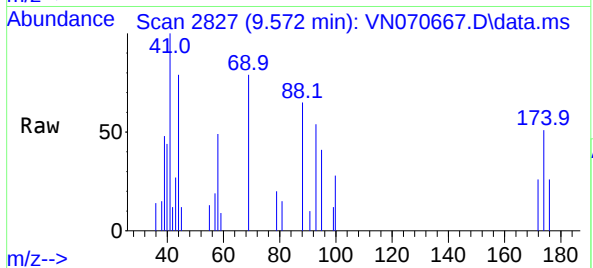
Tgt Ion: 88 Resp: 1454

Ion Ratio Lower Upper

88 100

43 22.2 23.4 35.2#

58 153.5 50.6 75.8#



#50

Toluene-d8

Concen: 51.493 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070667.D

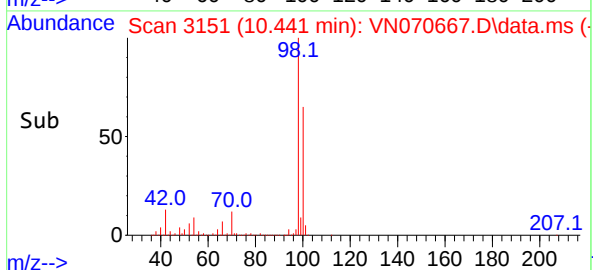
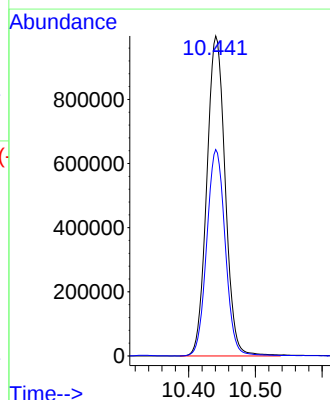
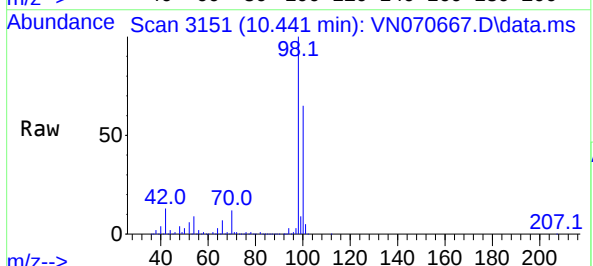
Acq: 18 Jan 2022 13:24

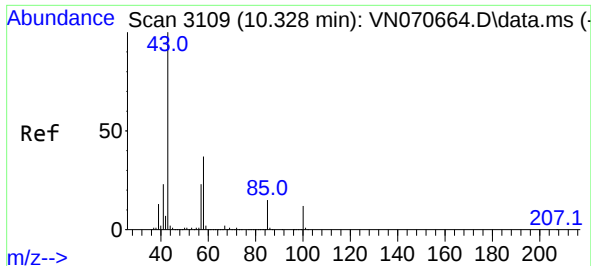
Tgt Ion: 98 Resp: 1911863

Ion Ratio Lower Upper

98 100

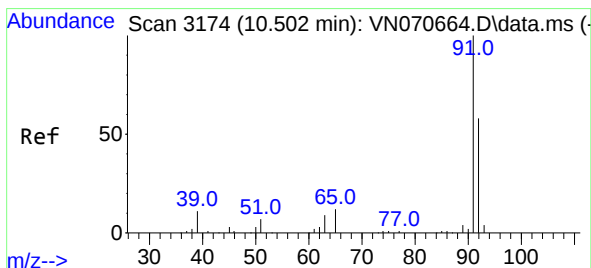
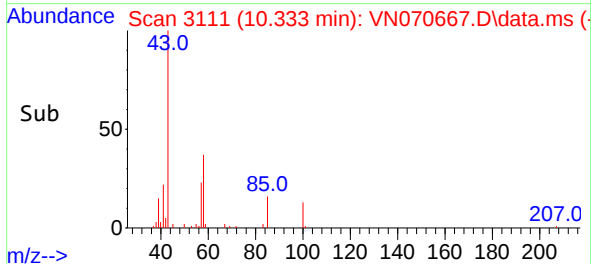
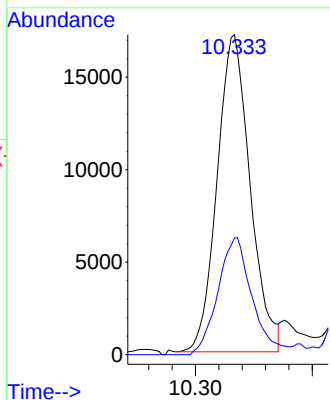
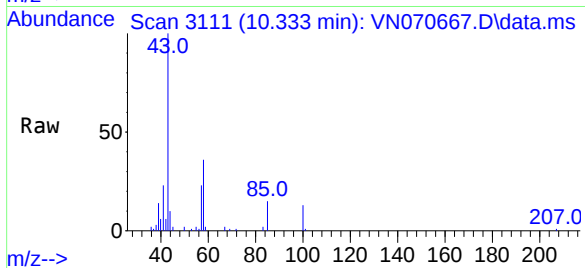
100 64.7 50.4 75.6





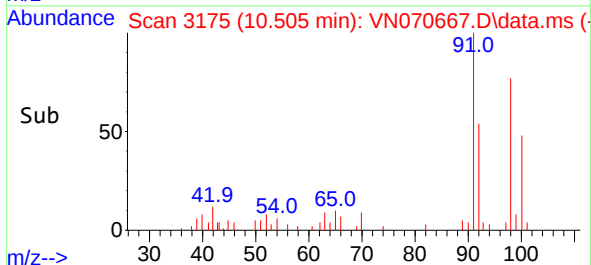
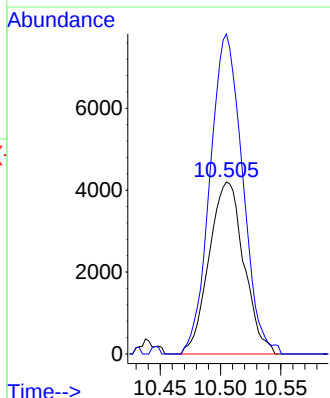
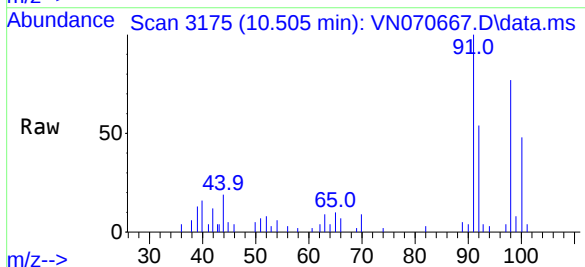
#51
4-Methyl-2-Pentanone
Concen: 1.753 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.005 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

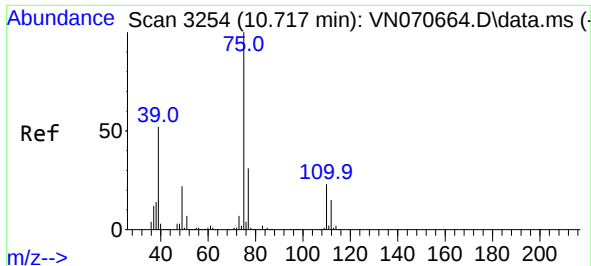
Tgt Ion: 43 Resp: 33655
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6



#52
Toluene
Concen: 0.307 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

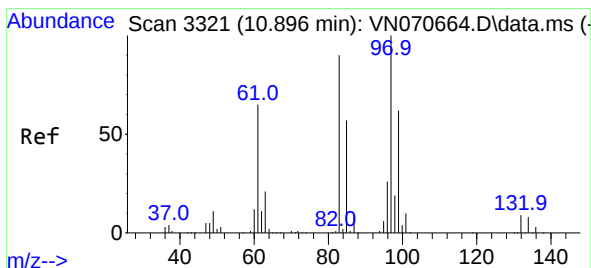
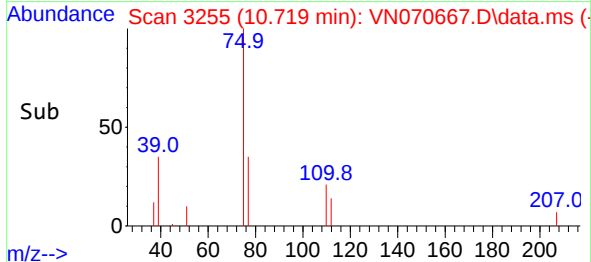
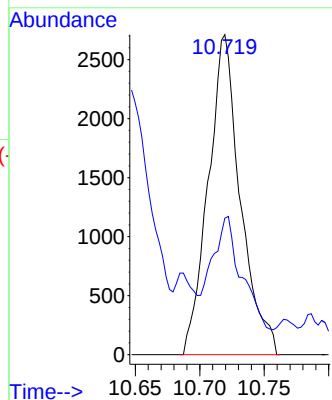
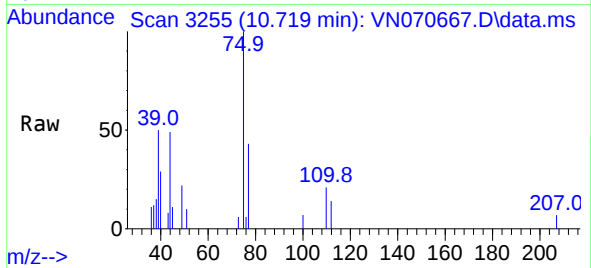
Tgt Ion: 92 Resp: 8432
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0





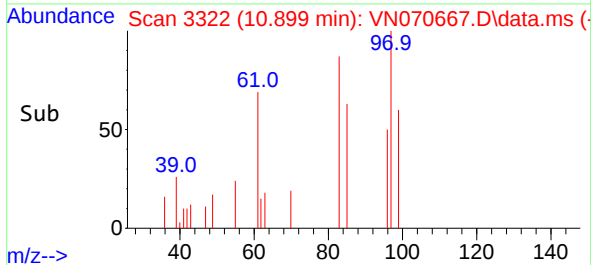
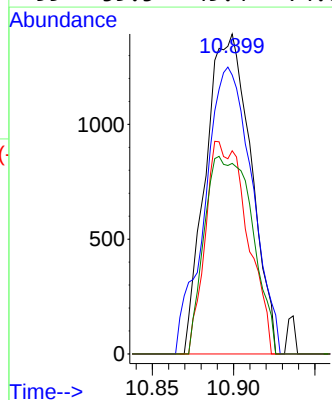
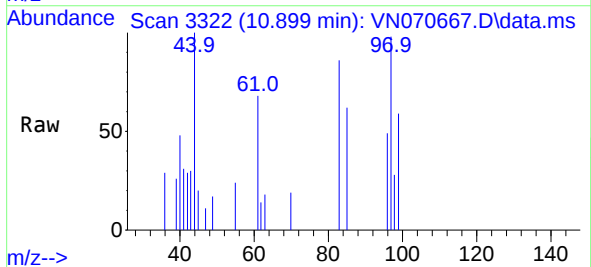
#53
t-1,3-Dichloropropene
Concen: 2.652 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

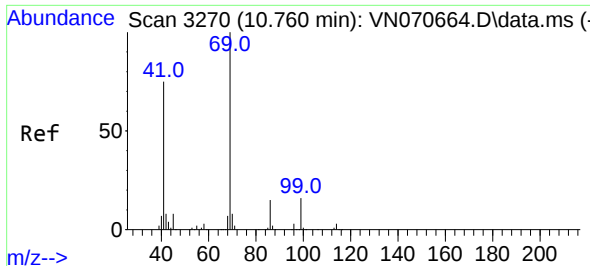
Tgt Ion: 75 Resp: 4699
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4



#55
1,1,2-Trichloroethane
Concen: 0.249 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

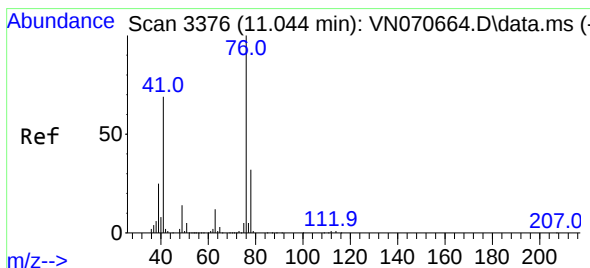
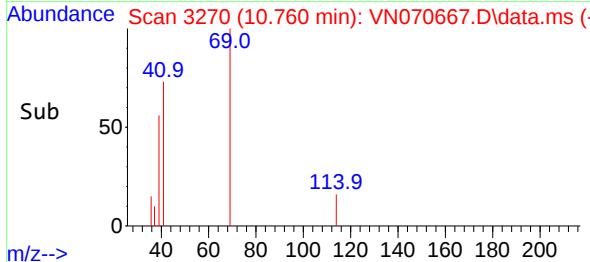
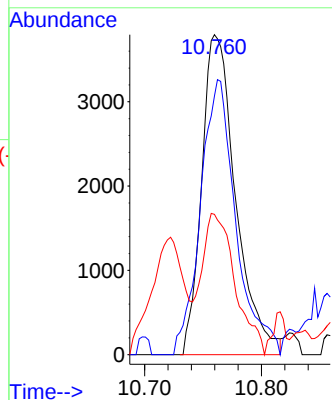
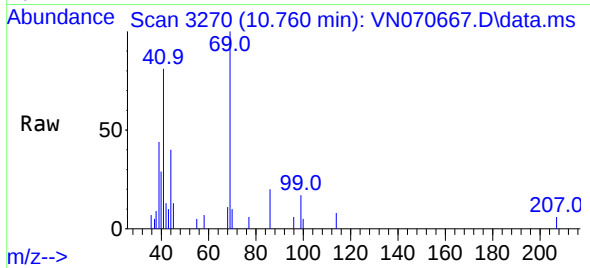
Tgt Ion: 97 Resp: 2688
Ion Ratio Lower Upper
97 100
83 87.2 67.8 101.6
85 63.5 45.4 68.2
99 59.5 49.4 74.0





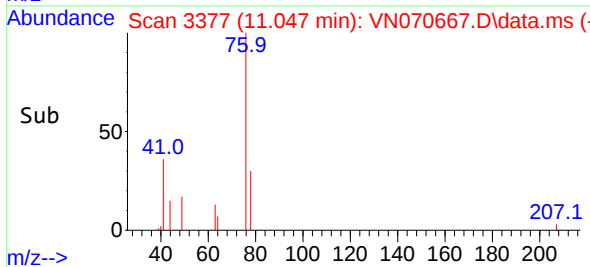
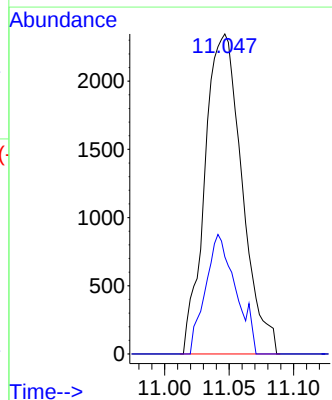
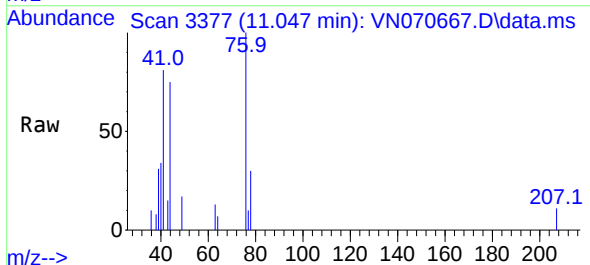
#56
Ethyl methacrylate
Concen: 2.658 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

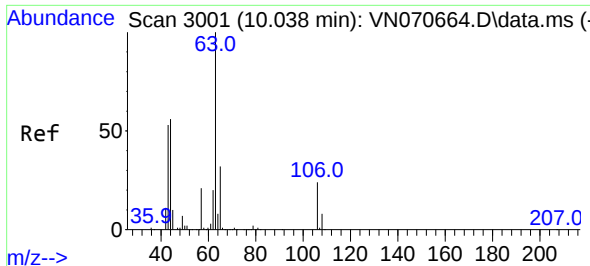
Tgt Ion: 69 Resp: 7675
Ion Ratio Lower Upper
69 100
41 89.5 51.4 77.0#
39 43.3 34.6 52.0



#57
1,3-Dichloropropane
Concen: 0.246 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

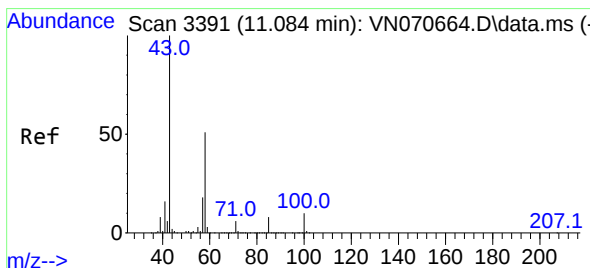
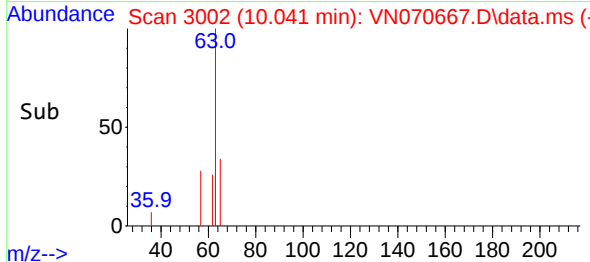
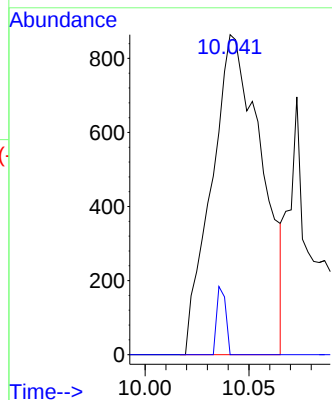
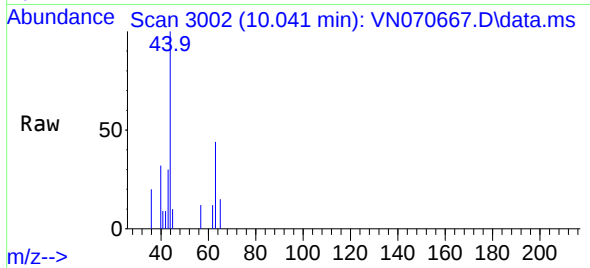
Tgt Ion: 76 Resp: 4703
Ion Ratio Lower Upper
76 100
78 30.4 25.7 38.5





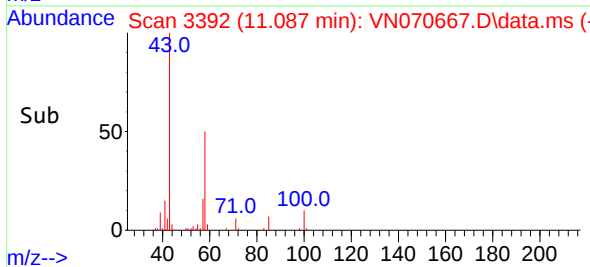
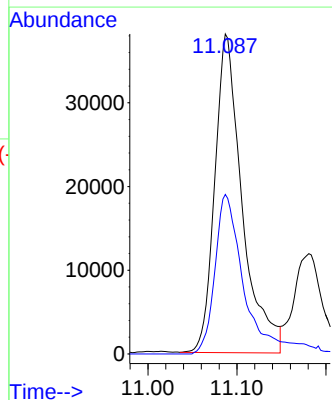
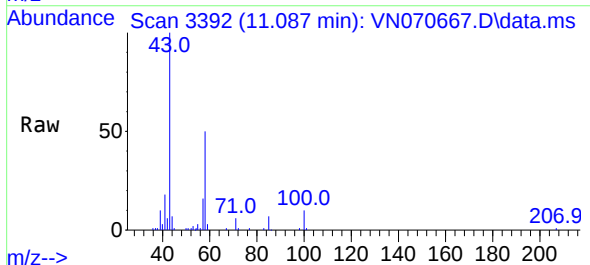
#58
2-Chloroethyl Vinyl ether
Concen: 21.491 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

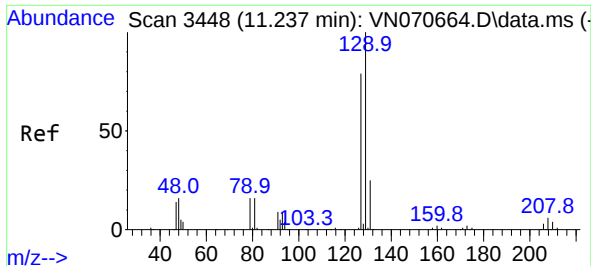
Tgt Ion: 63 Resp: 1450
Ion Ratio Lower Upper
63 100
106 3.8 23.9 35.9#



#59
2-Hexanone
Concen: 5.829 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

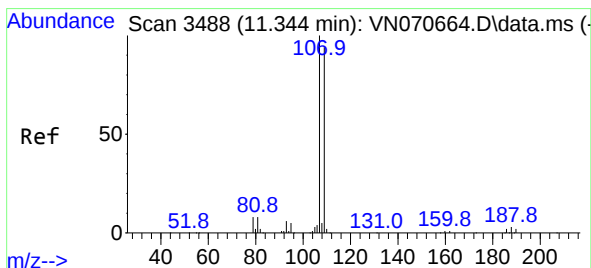
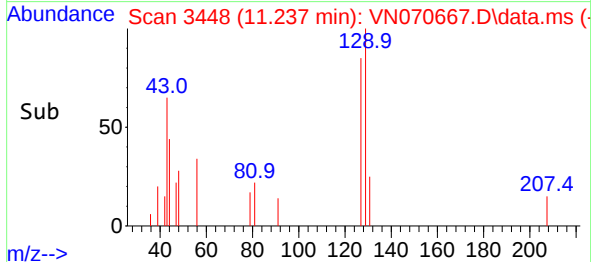
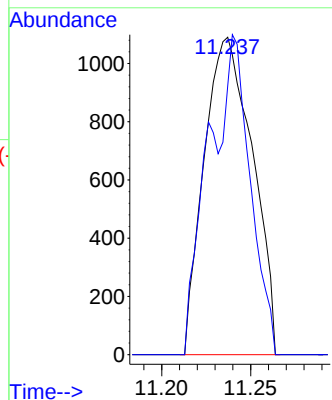
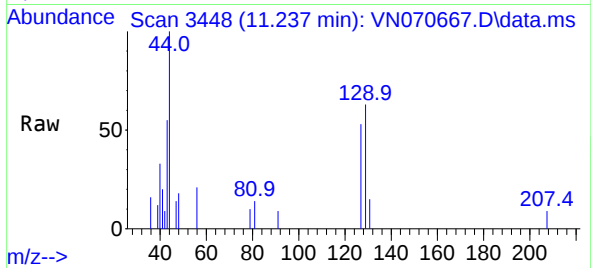
Tgt Ion: 43 Resp: 81296
Ion Ratio Lower Upper
43 100
58 54.7 26.9 80.7





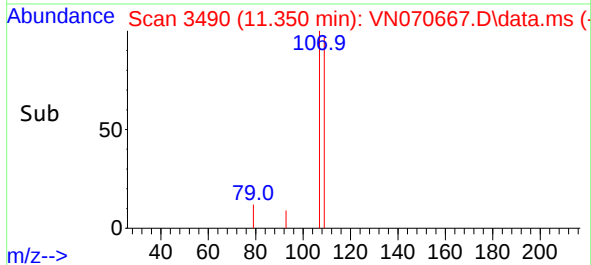
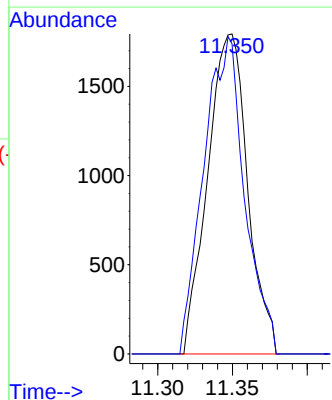
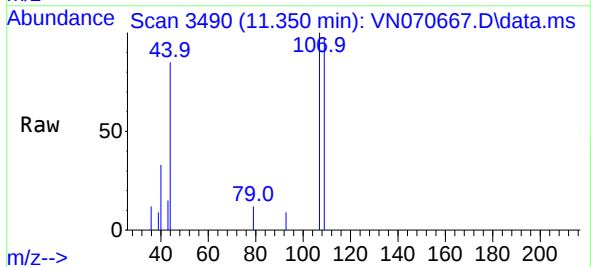
#60
Dibromochloromethane
Concen: 0.204 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

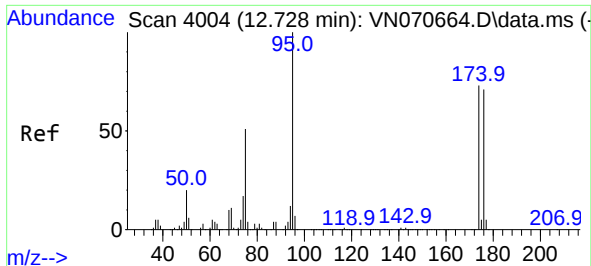
Tgt Ion:129 Resp: 2060
Ion Ratio Lower Upper
129 100
127 54.9 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.308 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

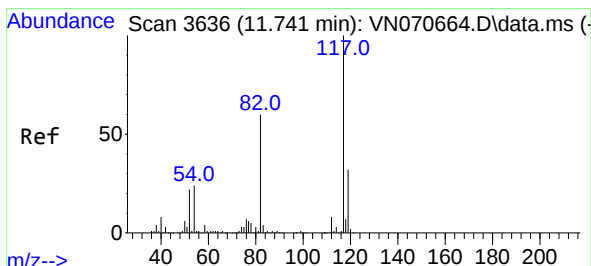
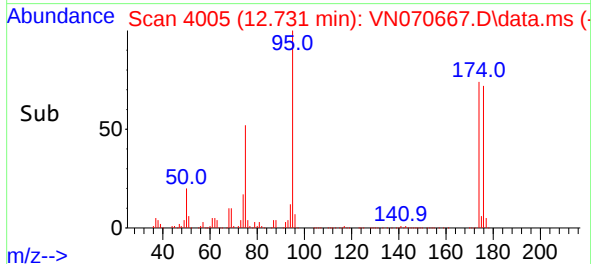
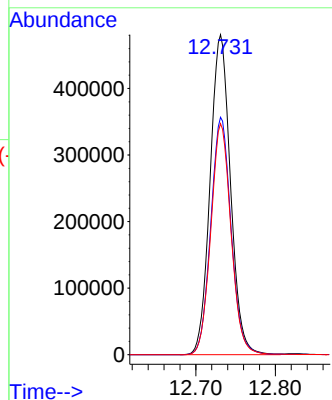
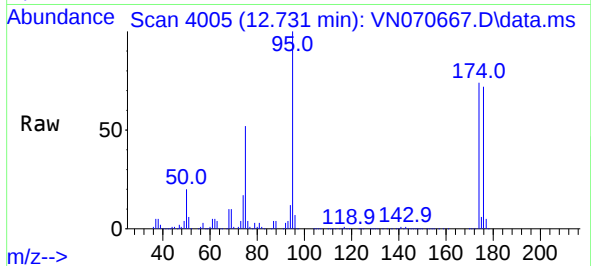
Tgt Ion:107 Resp: 3337
Ion Ratio Lower Upper
107 100
109 101.3 75.7 113.5





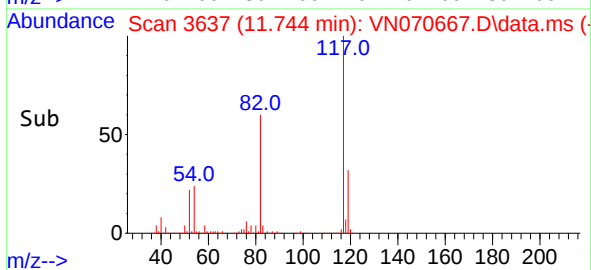
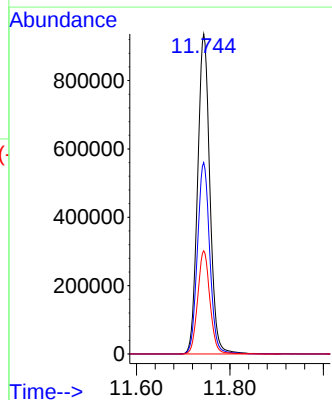
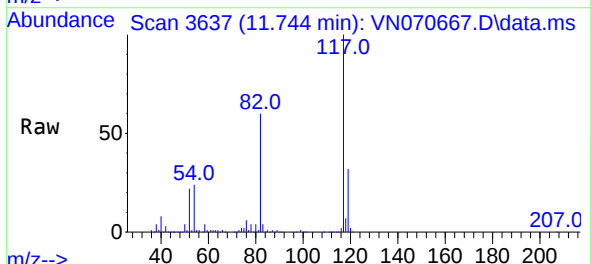
#62
4-Bromofluorobenzene
Concen: 64.529 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

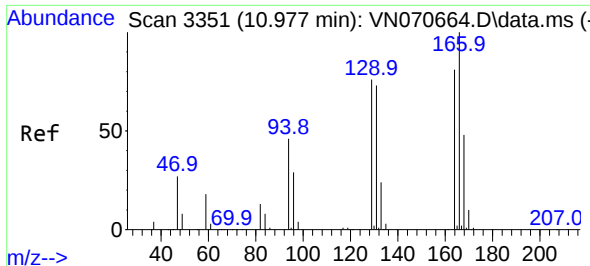
Tgt Ion: 95 Resp: 853742
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

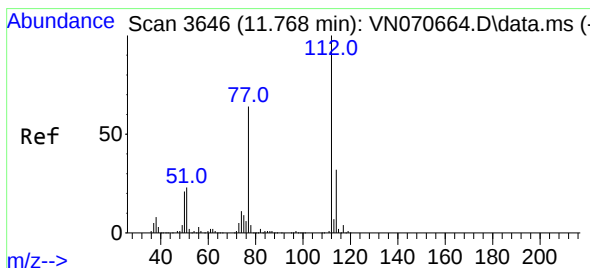
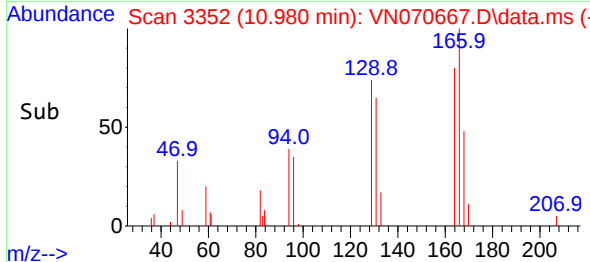
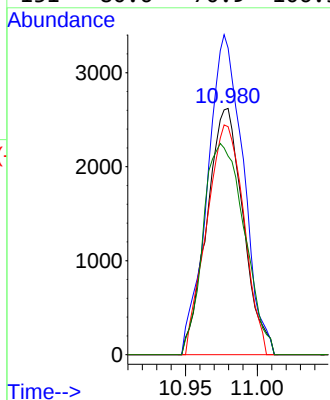
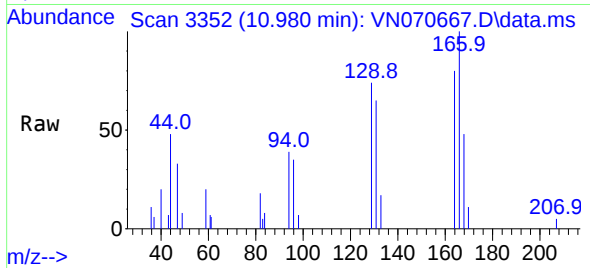
Tgt Ion: 117 Resp: 1699869
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.2 25.4 38.2





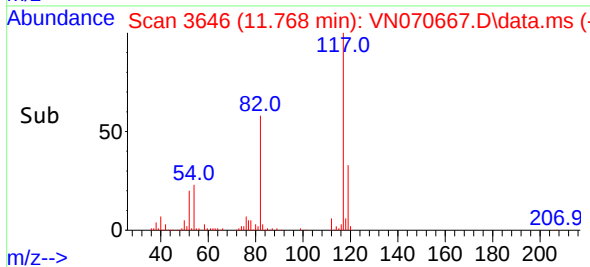
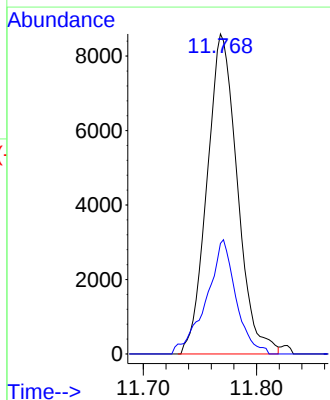
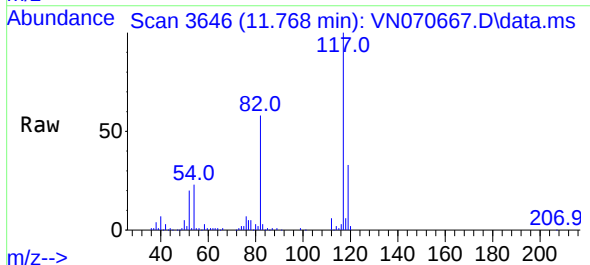
#64
Tetrachloroethene
Concen: 0.369 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

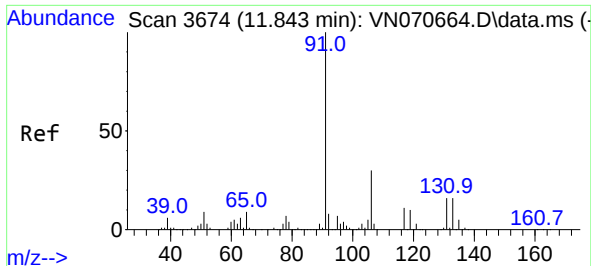
Tgt Ion:164 Resp: 4603
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 92.6 72.0 108.0
131 80.6 70.9 106.3



#65
Chlorobenzene
Concen: 0.433 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

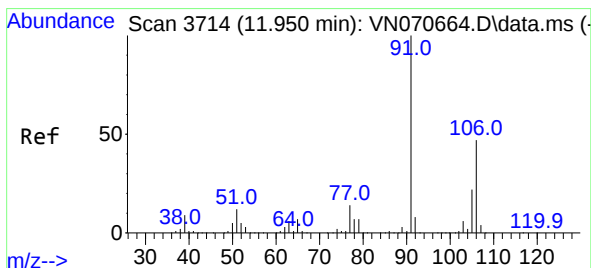
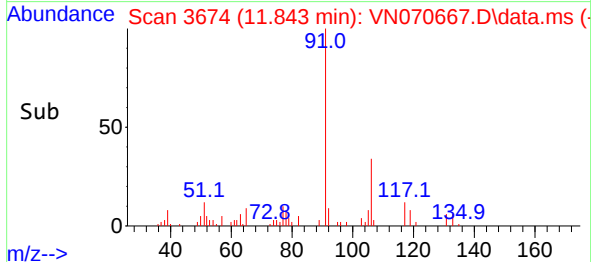
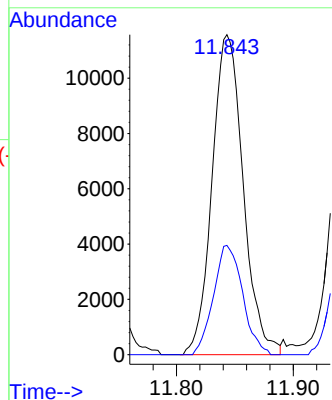
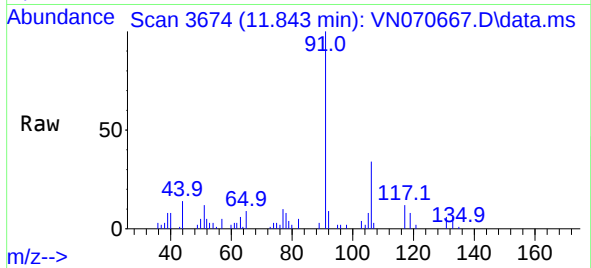
Tgt Ion:112 Resp: 15958
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.0





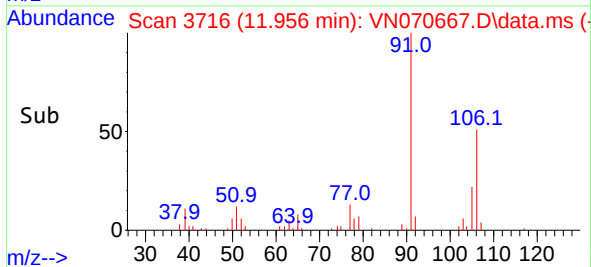
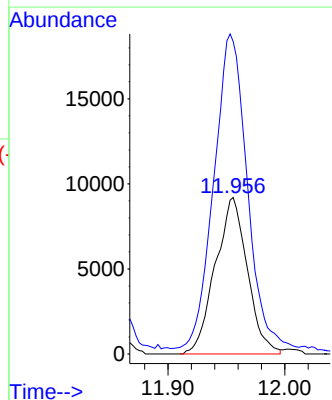
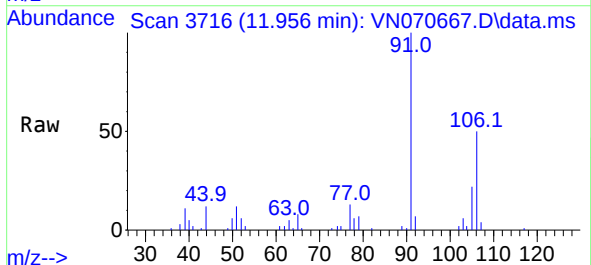
#67
Ethyl Benzene
Concen: 0.314 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

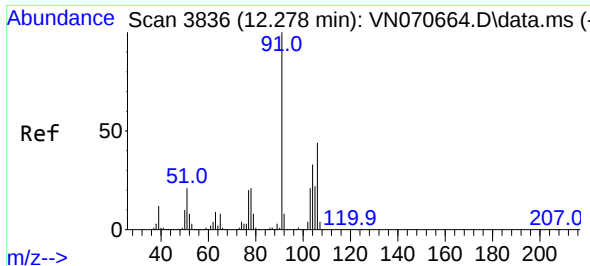
Tgt Ion: 91 Resp: 21431
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5



#68
m/p-Xylenes
Concen: 0.707 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

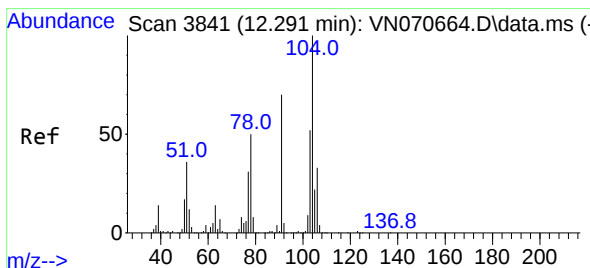
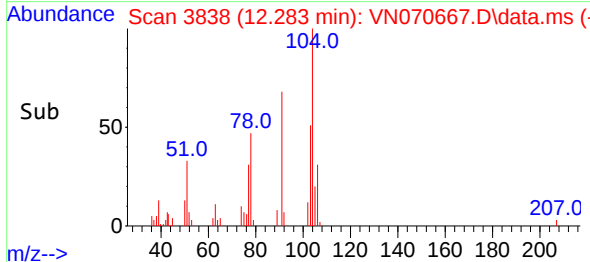
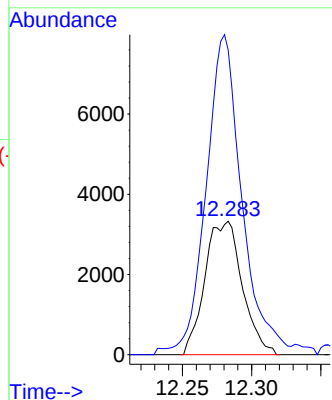
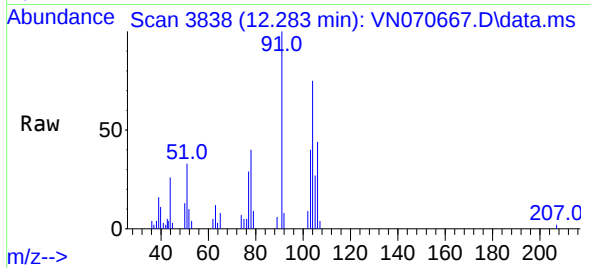
Tgt Ion: 106 Resp: 17558
Ion Ratio Lower Upper
106 100
91 206.9 160.6 240.8





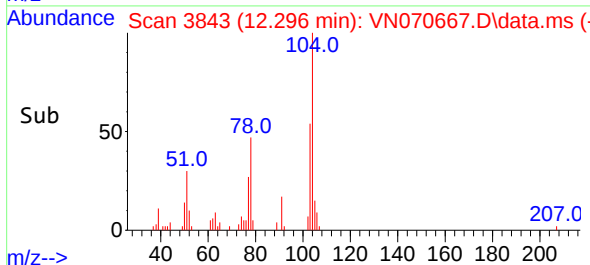
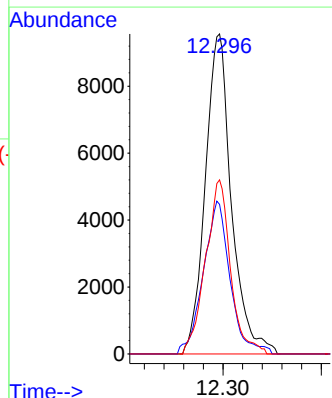
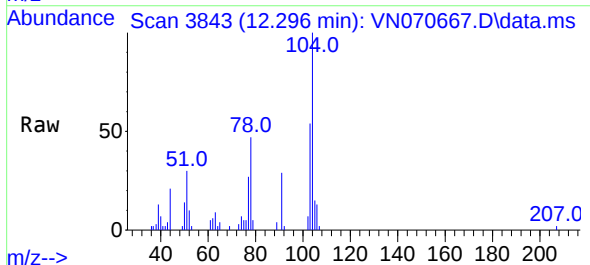
#69
o-Xylene
Concen: 0.253 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

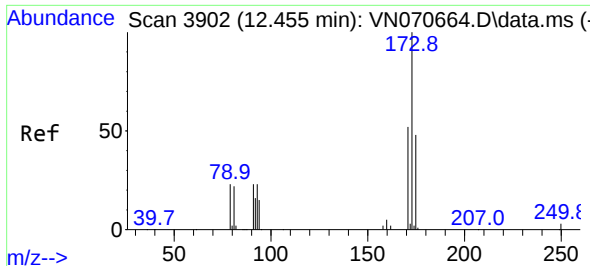
Tgt Ion:106 Resp: 6233
Ion Ratio Lower Upper
106 100
91 230.2 105.8 317.3



#70
Styrene
Concen: 0.449 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.005 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

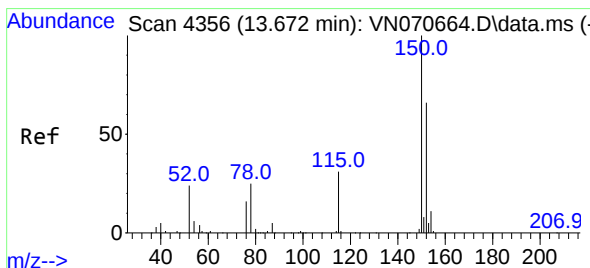
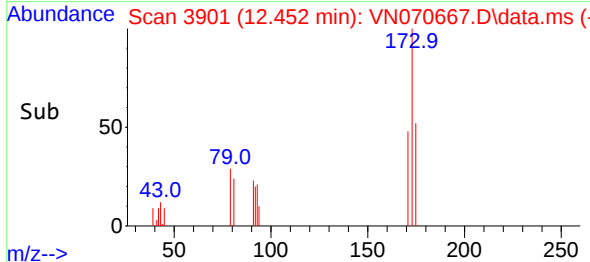
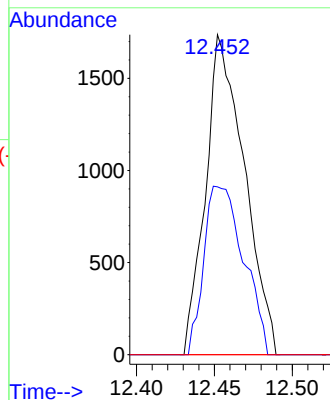
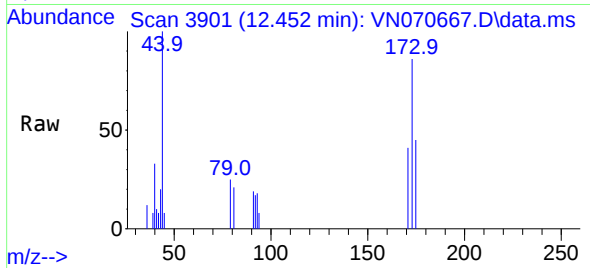
Tgt Ion:104 Resp: 17698
Ion Ratio Lower Upper
104 100
78 48.9 38.7 58.1
103 51.9 45.0 67.6





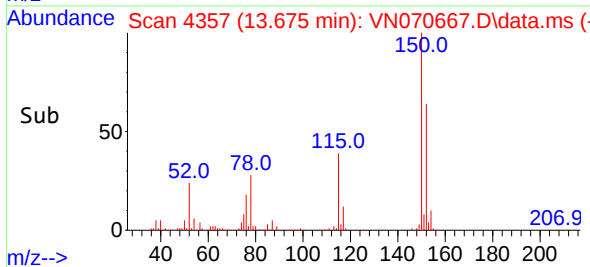
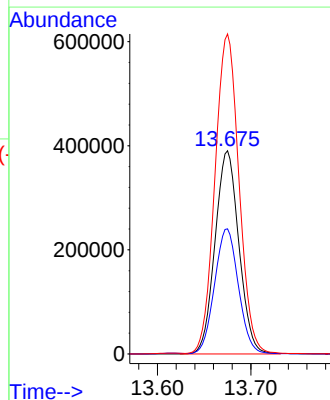
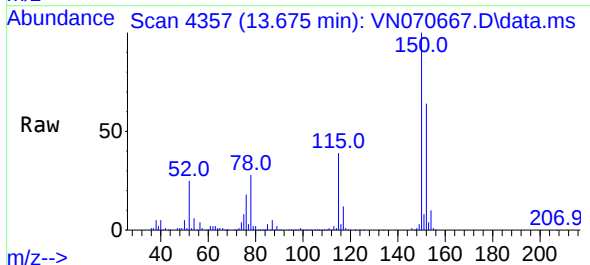
#71
Bromoform
Concen: 0.314 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

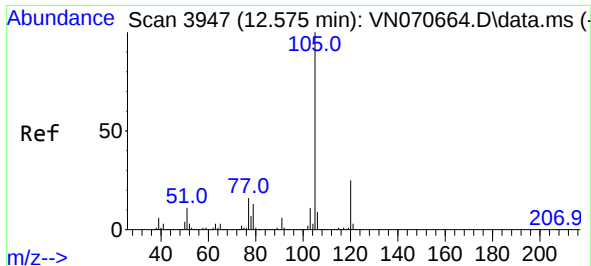
Tgt Ion:173 Resp: 3008
Ion Ratio Lower Upper
173 100
175 54.0 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

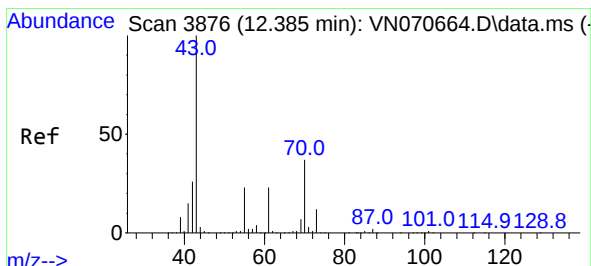
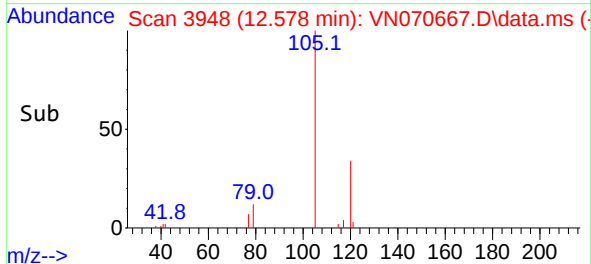
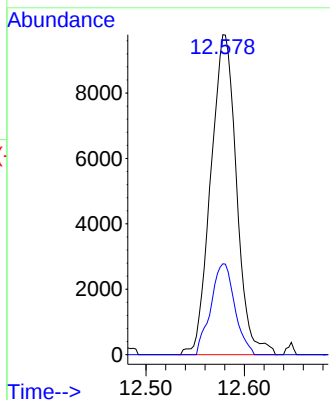
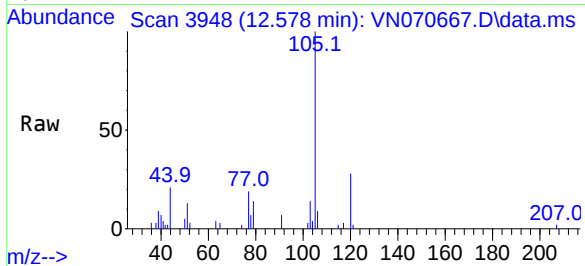
Tgt Ion:152 Resp: 693504
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.9 0.0 344.4





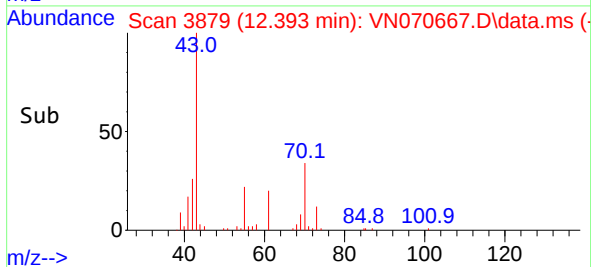
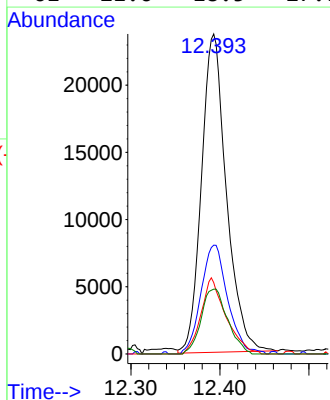
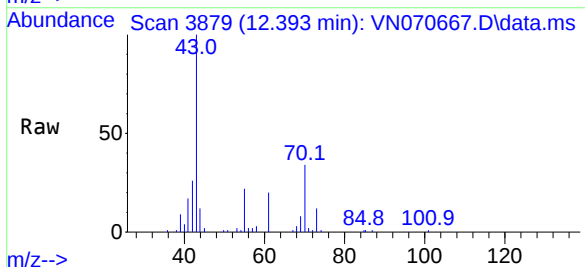
#73
Isopropylbenzene
Concen: 0.272 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

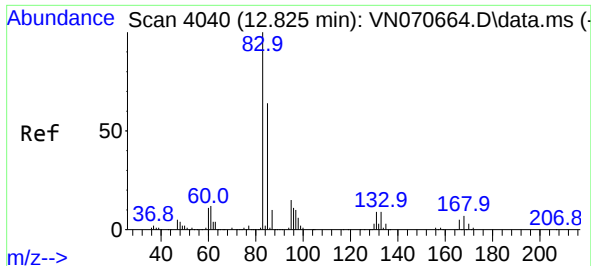
Tgt Ion:105 Resp: 17816
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 1.716 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

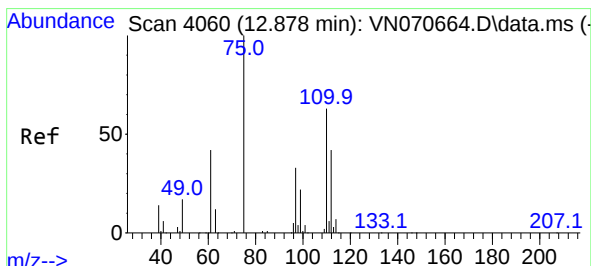
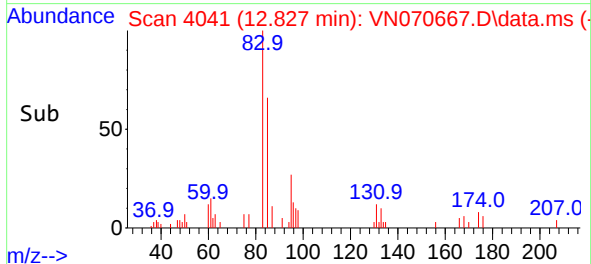
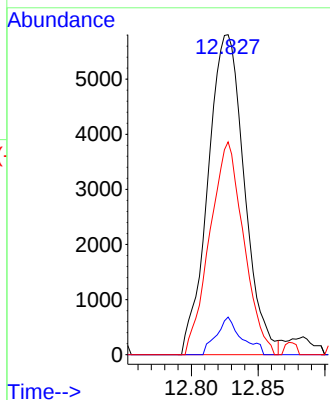
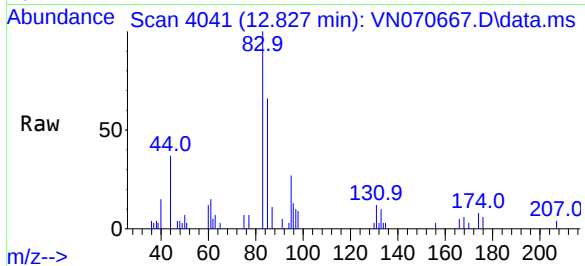
Tgt Ion: 43 Resp: 46042
Ion Ratio Lower Upper
43 100
70 36.8 33.4 50.0
55 23.9 19.3 28.9
61 21.6 18.5 27.7





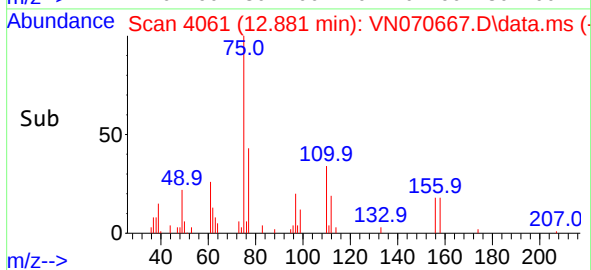
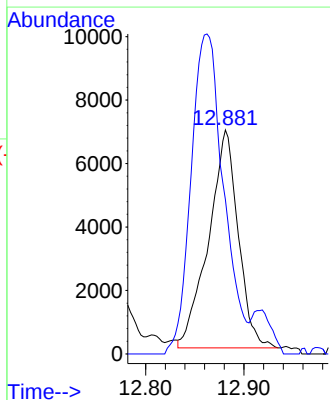
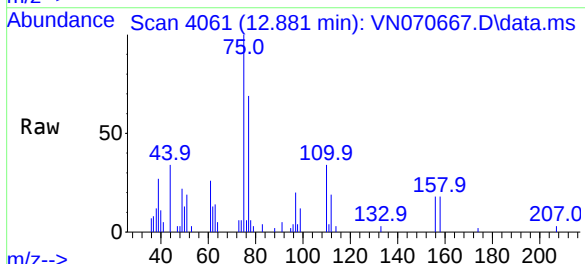
#75
1,1,2,2-Tetrachloroethane
Concen: 0.497 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

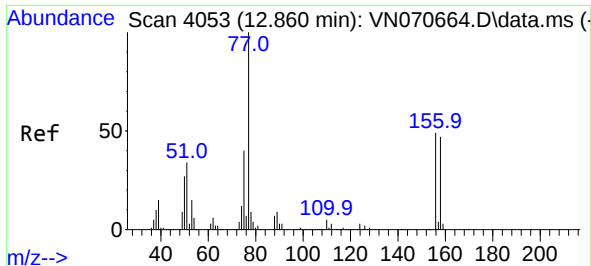
Tgt Ion:	83	Resp:	11020
Ion	Ratio	Lower	Upper
83	100		
131	8.1	5.5	16.5
85	61.9	32.4	97.2



#76
1,2,3-Trichloropropane
Concen: 0.785 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

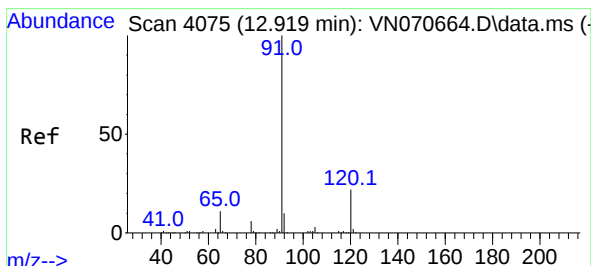
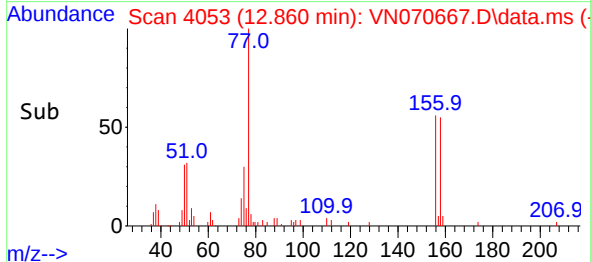
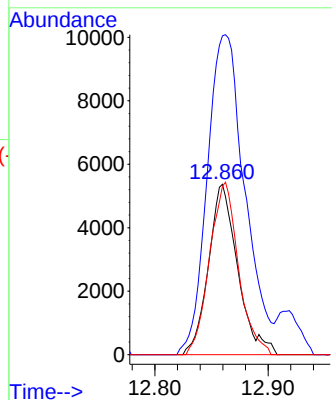
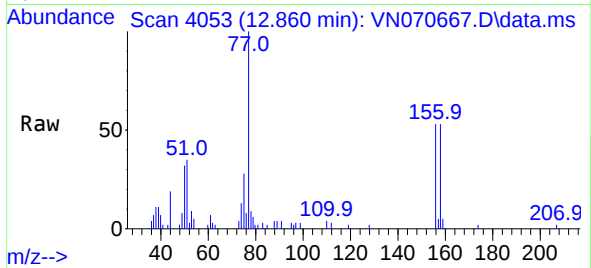
Tgt Ion:	75	Resp:	14440
Ion	Ratio	Lower	Upper
75	100		
77	160.7	82.6	247.8





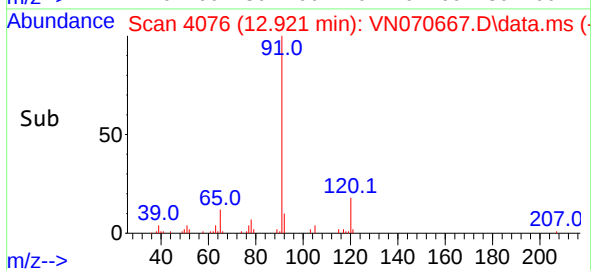
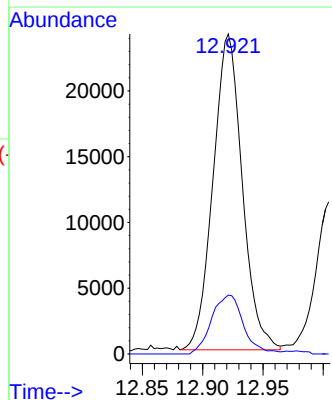
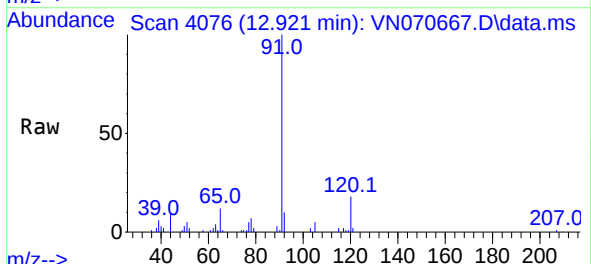
#77
Bromobenzene
Concen: 0.654 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

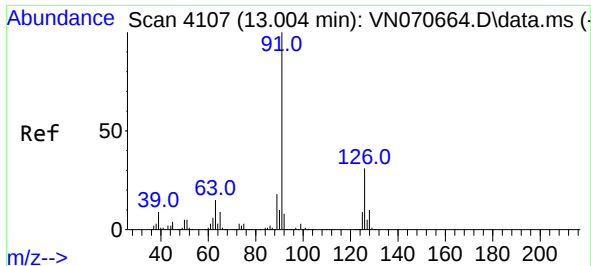
Tgt Ion:	156	Resp:	9616
Ion	Ratio	Lower	Upper
156	100		
77	241.3	90.6	271.8
158	100.0	48.9	146.7



#78
n-propylbenzene
Concen: 0.551 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

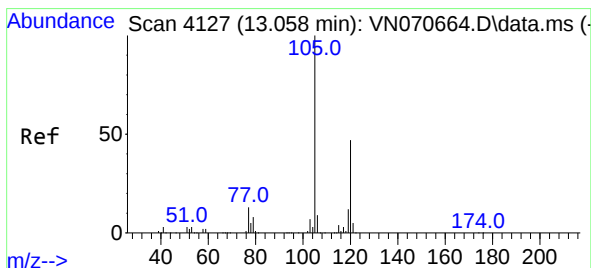
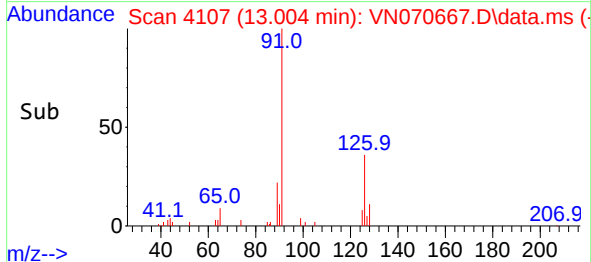
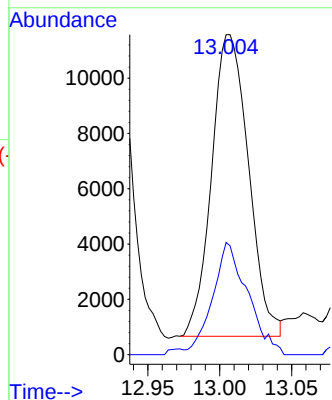
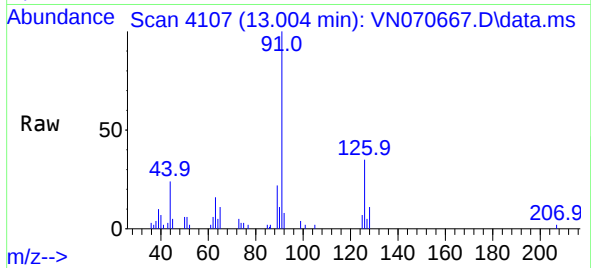
Tgt Ion:	91	Resp:	40414
Ion	Ratio	Lower	Upper
91	100		
120	20.3	11.9	35.9





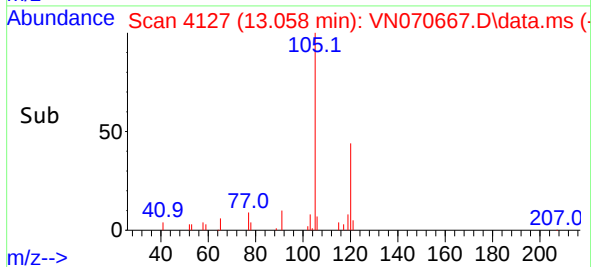
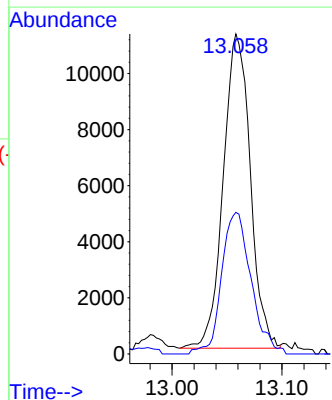
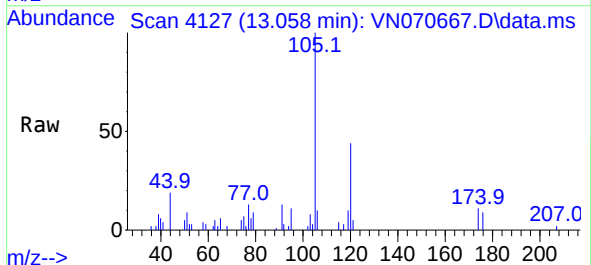
#79
2-Chlorotoluene
Concen: 0.419 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

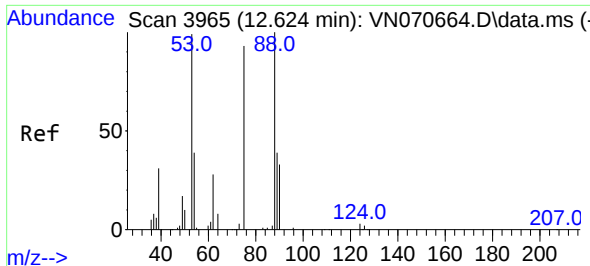
Tgt Ion: 91 Resp: 19468
Ion Ratio Lower Upper
91 100
126 35.3 18.3 54.8



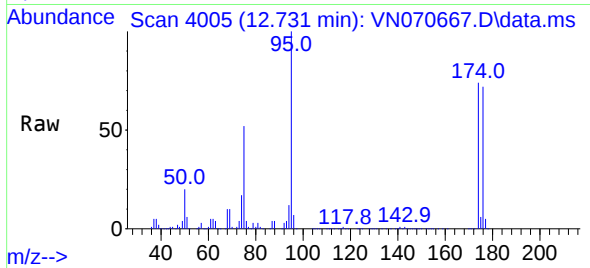
#80
1,3,5-Trimethylbenzene
Concen: 0.361 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion: 105 Resp: 19157
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6

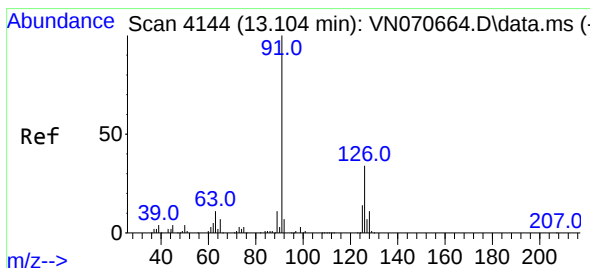
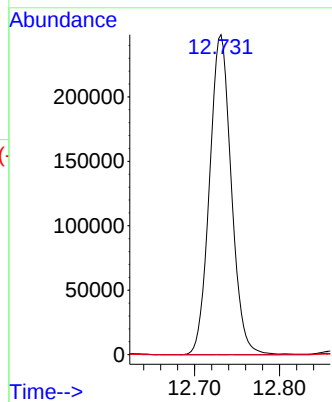
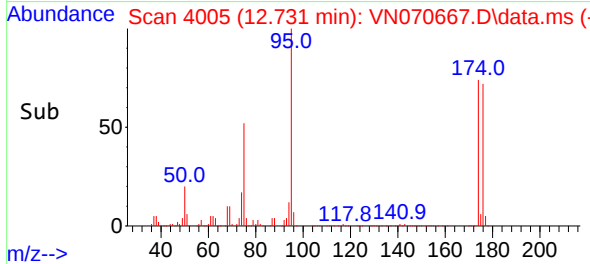




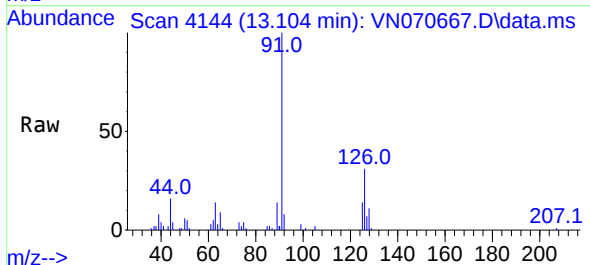
#81
trans-1,4-Dichloro-2-butene
Concen: 71.426 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24



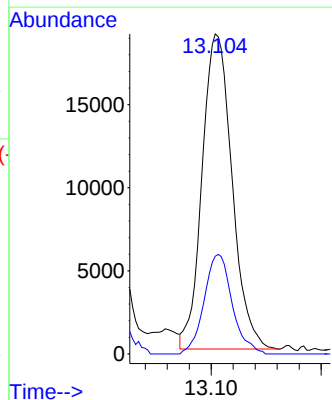
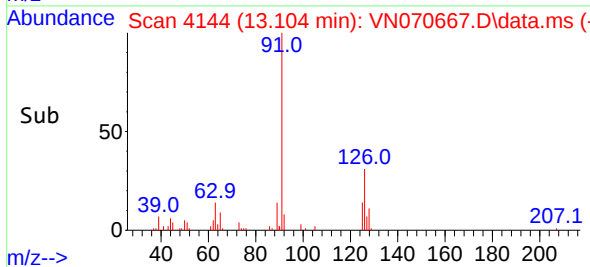
Tgt Ion: 75 Resp: 440988
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

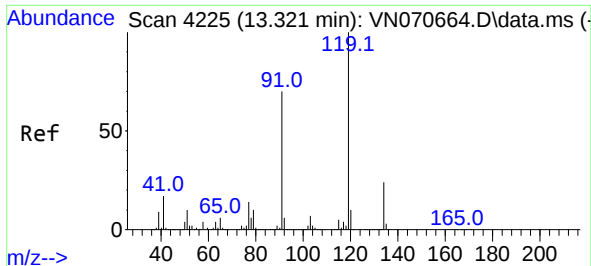


#82
4-Chlorotoluene
Concen: 0.826 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24



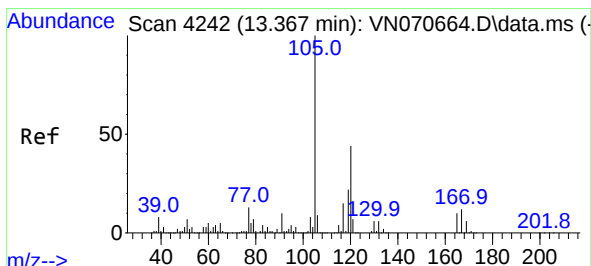
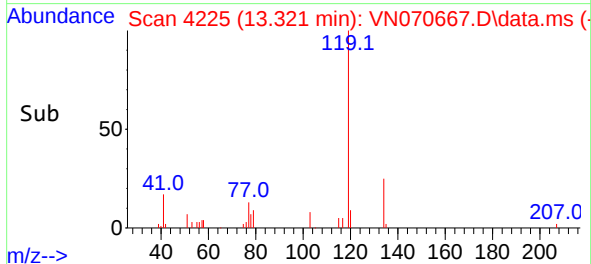
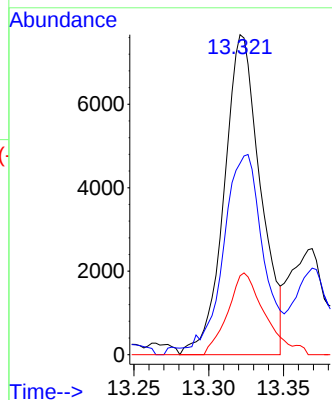
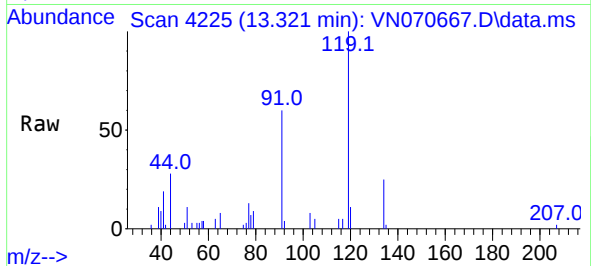
Tgt Ion: 91 Resp: 35831
Ion Ratio Lower Upper
91 100
126 29.6 18.2 54.6





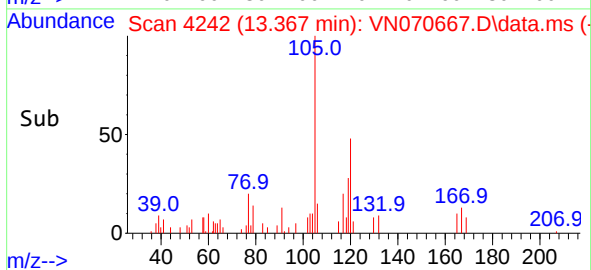
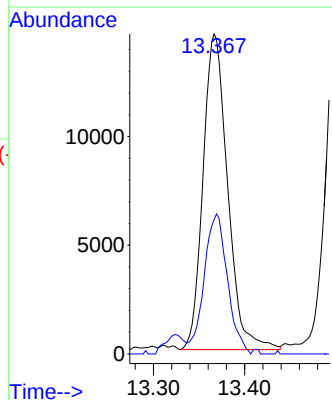
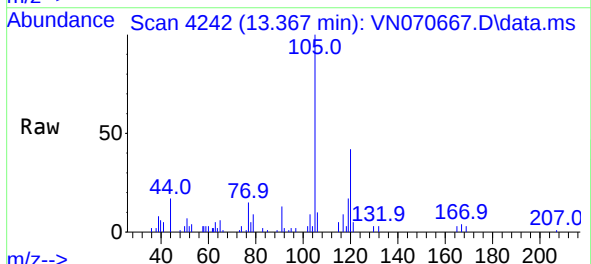
#83
tert-Butylbenzene
Concen: 0.280 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

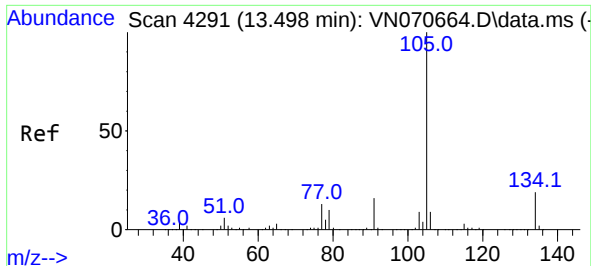
Tgt Ion:	119	Resp:	12935
Ion Ratio	Lower	Upper	
119	100		
91	63.7	31.5	94.5
134	26.3	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 0.534 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

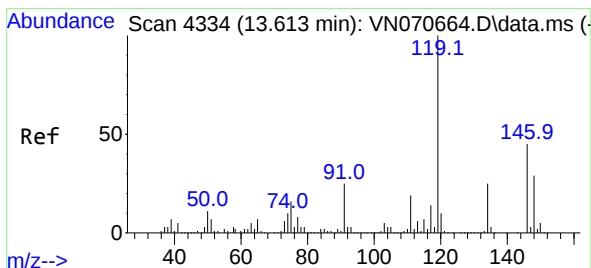
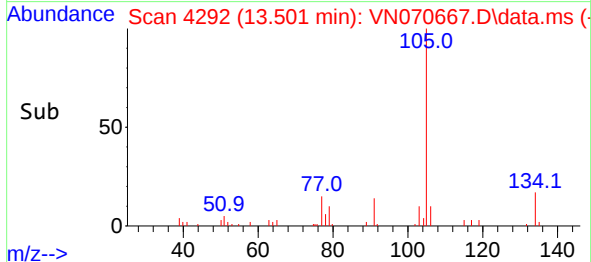
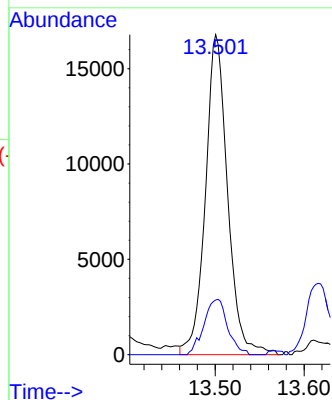
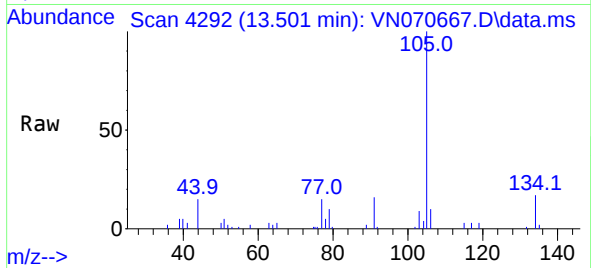
Tgt Ion:	105	Resp:	27240
Ion Ratio	Lower	Upper	
105	100		
120	41.9	22.8	68.4





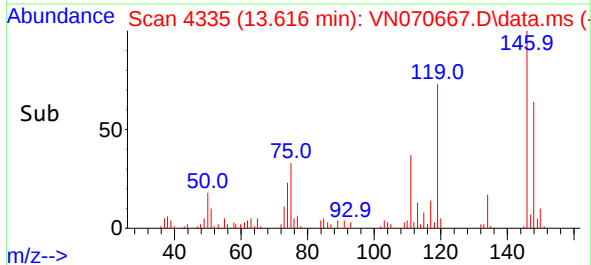
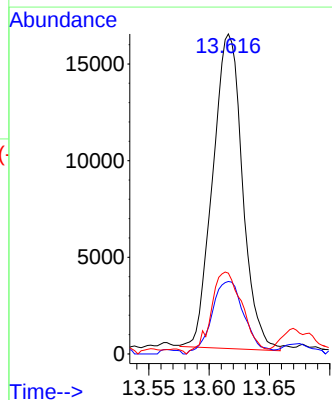
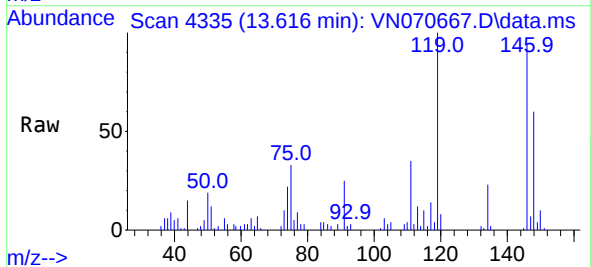
#85
 sec-Butylbenzene
 Concen: 0.462 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.003 min
 Lab File: VN070667.D
 Acq: 18 Jan 2022 13:24

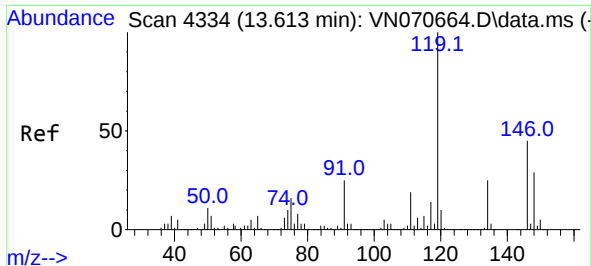
Tgt Ion:105 Resp: 29025
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.565 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070667.D
 Acq: 18 Jan 2022 13:24

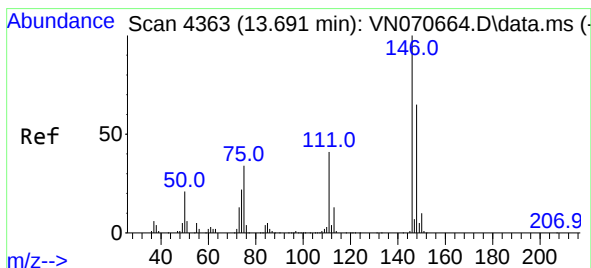
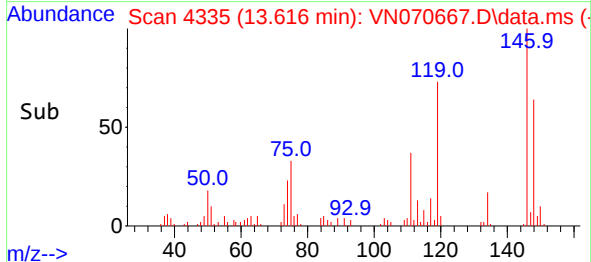
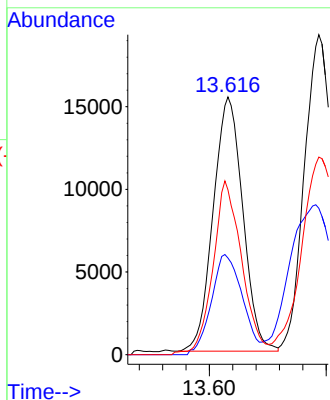
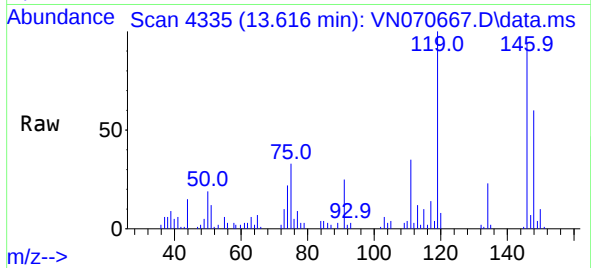
Tgt Ion:119 Resp: 27867
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 27.6 11.4 34.1





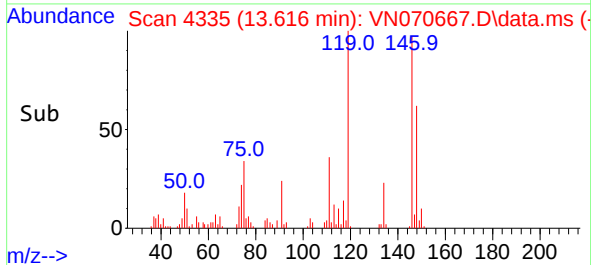
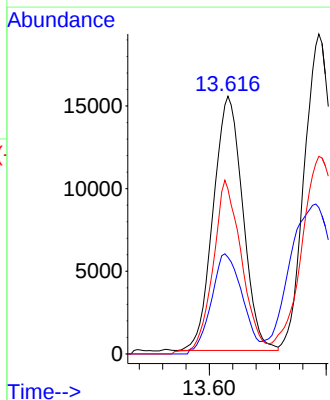
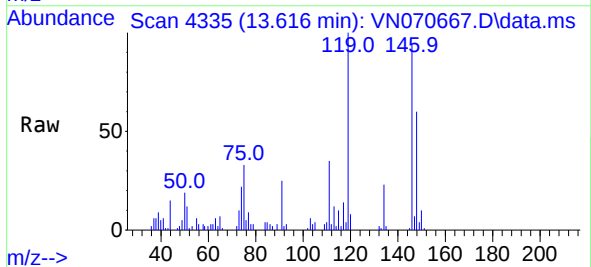
#87
1,3-Dichlorobenzene
Concen: 1.105 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

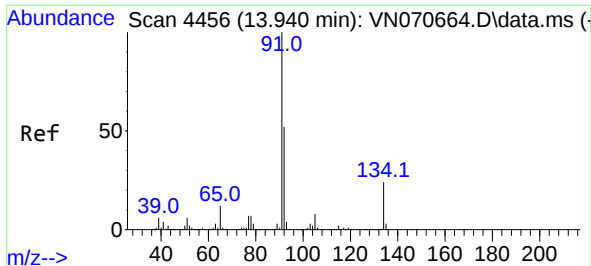
Tgt Ion:146	Resp:	27047
Ion	Ratio	Lower Upper
146	100	
111	41.6	18.6 55.6
148	66.5	31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 1.111 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.075 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

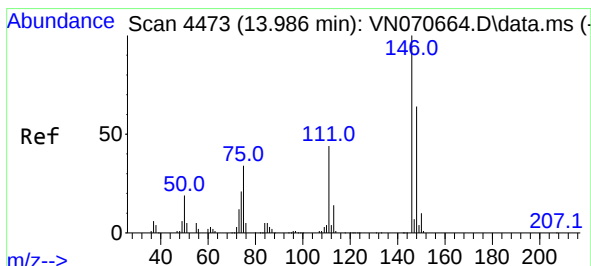
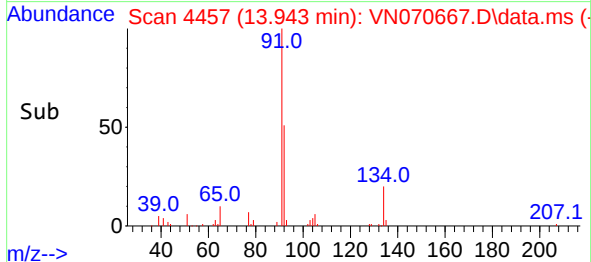
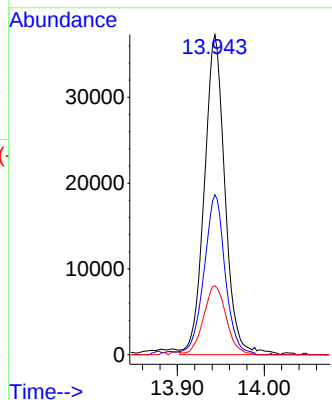
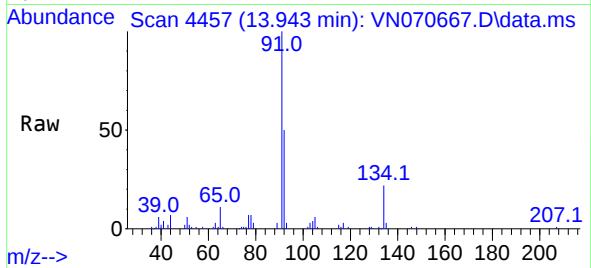
Tgt Ion:146	Resp:	27047
Ion	Ratio	Lower Upper
146	100	
111	41.6	18.3 54.8
148	66.5	31.8 95.4





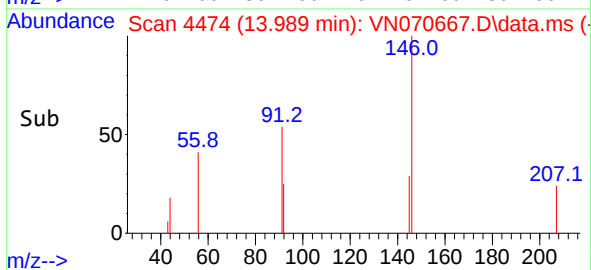
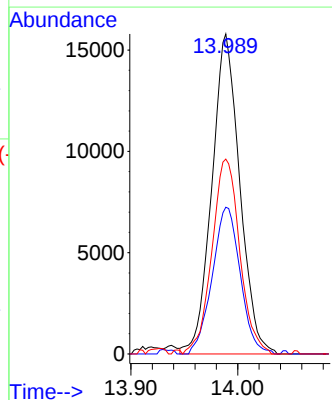
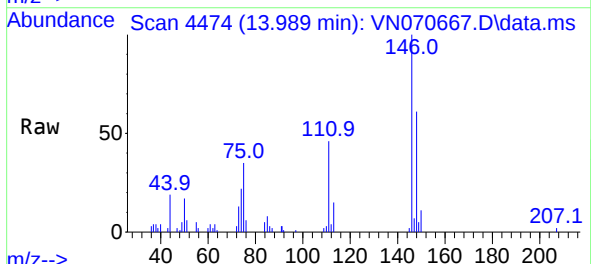
#89
n-Butylbenzene
Concen: 1.512 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

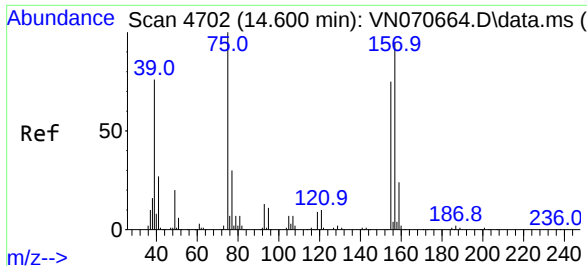
Tgt Ion: 91	Resp: 61508
Ion Ratio	Lower Upper
91	100
92	51.5 25.4 76.0
134	23.7 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 1.186 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

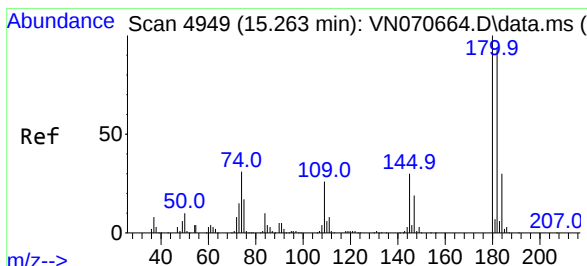
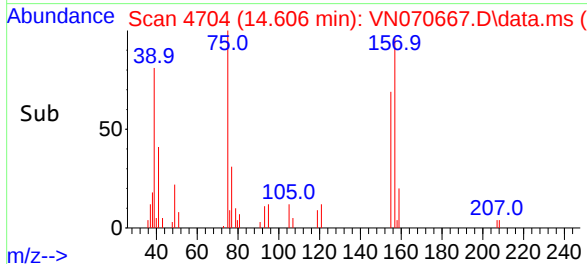
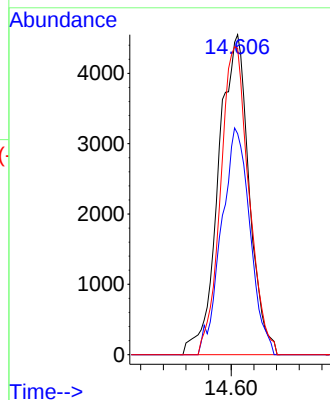
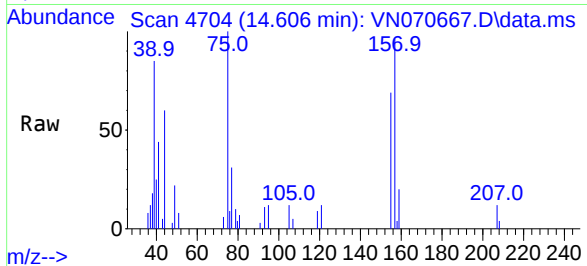
Tgt Ion: 146	Resp: 28674
Ion Ratio	Lower Upper
146	100
111	46.0 19.1 57.3
148	60.9 32.1 96.3





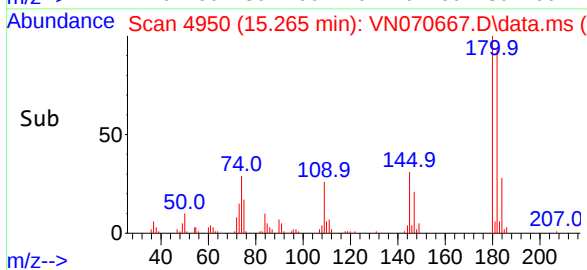
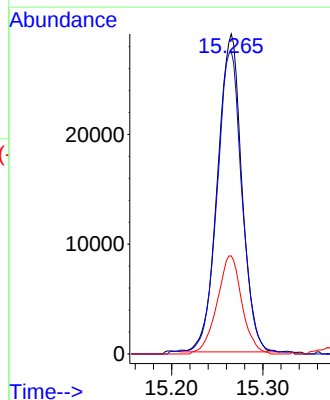
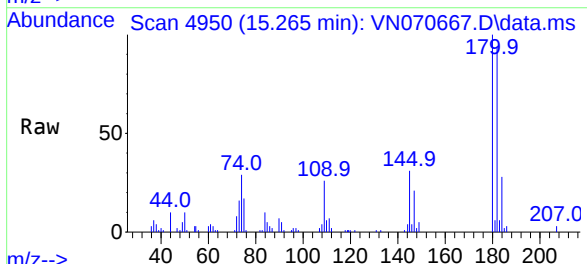
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.269 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.006 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

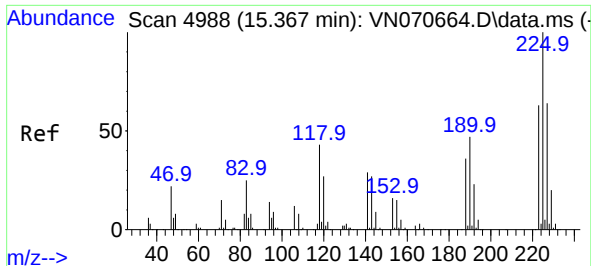
Tgt Ion: 75 Resp: 8528
Ion Ratio Lower Upper
75 100
155 66.1 46.9 140.7
157 89.2 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 7.328 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

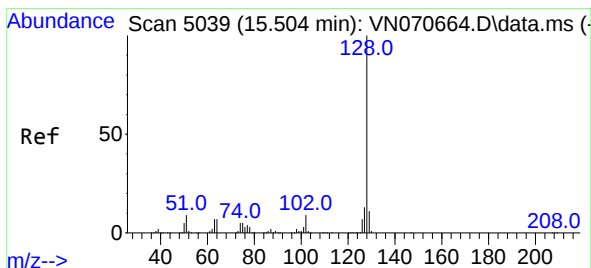
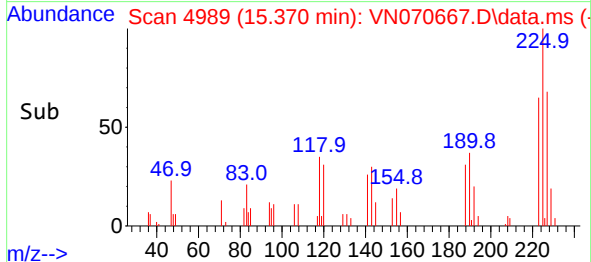
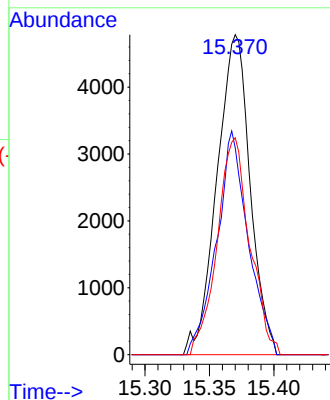
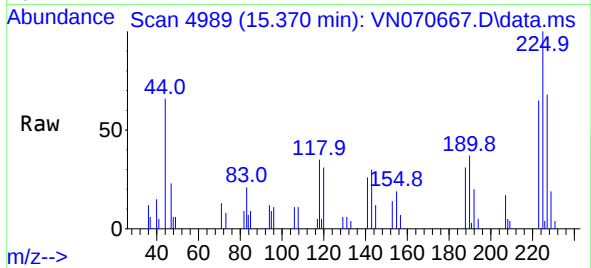
Tgt Ion:180 Resp: 53682
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.9
145 31.6 14.5 43.5





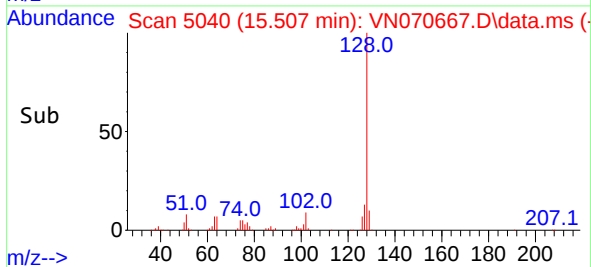
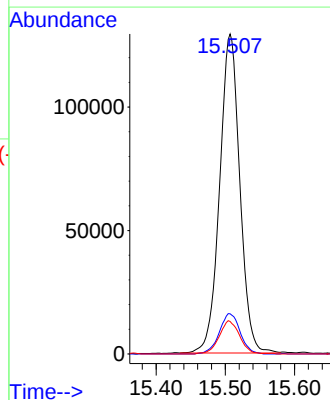
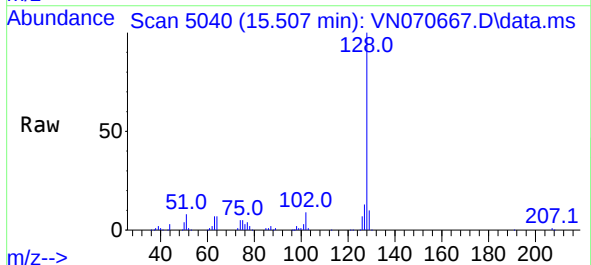
#94
Hexachlorobutadiene
Concen: 1.194 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

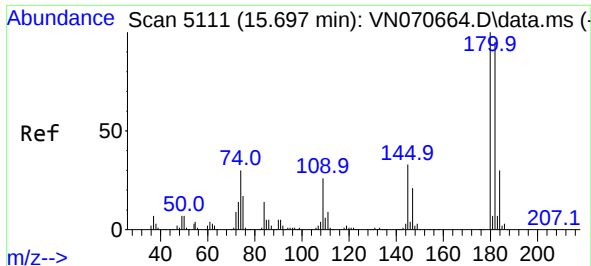
Tgt Ion:225 Resp: 8550
Ion Ratio Lower Upper
225 100
223 66.7 31.9 95.7
227 66.8 32.1 96.3



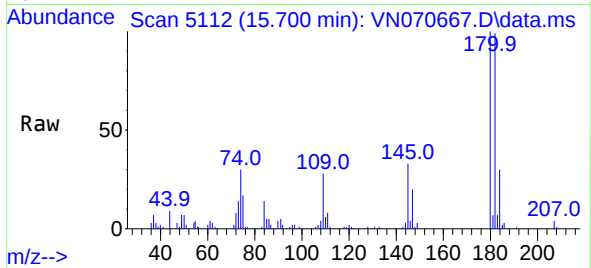
#95
Naphthalene
Concen: 11.501 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070667.D
Acq: 18 Jan 2022 13:24

Tgt Ion:128 Resp: 261533
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 8.204 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. 0.003 min
 Lab File: VN070667.D
 Acq: 18 Jan 2022 13:24



Tgt Ion:180 Resp: 65288

Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.4	142.2
145	33.8	15.0	45.1

