

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009117.D
 Acq On : 26 May 2022 15:44
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 27 03:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45633	48.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.600%
35) Dibromofluoromethane	7.716	113	47833	53.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.180%
50) Toluene-d8	10.179	98	158766	47.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	75683	56.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39930	48.047	ug/l	100
3) Chloromethane	2.113	50	72257	60.690	ug/l	95
4) Vinyl Chloride	2.253	62	101165	57.353	ug/l	100
5) Bromomethane	2.644	94	84941	49.126	ug/l	97
6) Chloroethane	2.790	64	69780	55.841	ug/l	96
7) Trichlorofluoromethane	3.125	101	76574	51.119	ug/l	90
8) Diethyl Ether	3.528	74	21931	46.822	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.900	101	46558	50.571	ug/l	94
10) Methyl Iodide	4.089	142	43411	45.664	ug/l	93
11) Tert butyl alcohol	4.948	59	17337	182.773	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	40870	47.821	ug/l	88
13) Acrolein	3.723	56	3097	99.192	ug/l	93
14) Allyl chloride	4.479	41	61765	47.955	ug/l #	83
15) Acrylonitrile	5.155	53	56916	217.024	ug/l	98
16) Acetone	3.948	43	40567	208.400	ug/l	96
17) Carbon Disulfide	4.192	76	134069	48.017	ug/l	99
18) Methyl Acetate	4.473	43	25041	41.310	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	114823	44.761	ug/l	97
20) Methylene Chloride	4.710	84	62914	59.363	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	51916	47.327	ug/l	88
22) Diisopropyl ether	6.113	45	147031	47.517	ug/l	97
23) Vinyl Acetate	6.058	43	476640	232.868	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	89101	48.143	ug/l	97
25) 2-Butanone	6.984	43	72567	208.716	ug/l	93
26) 2,2-Dichloropropane	6.978	77	84769	49.722	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	57932	46.848	ug/l	91
28) Bromochloromethane	7.332	49	33096	52.099	ug/l	97
29) Tetrahydrofuran	7.344	42	49855	211.094	ug/l #	88
30) Chloroform	7.503	83	95504	47.804	ug/l	99
31) Cyclohexane	7.783	56	81360	44.472	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	85942	47.416	ug/l	97
36) 1,1-Dichloropropene	7.911	75	76437	49.855	ug/l	99
37) Ethyl Acetate	7.070	43	35008	44.019	ug/l	96
38) Carbon Tetrachloride	7.899	117	79727	49.710	ug/l	98
39) Methylcyclohexane	9.179	83	96359	48.691	ug/l	89
40) Benzene	8.161	78	219344	49.613	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	47000	114.523	ug/l #	19
42) 1,2-Dichloroethane	8.234	62	62765	48.347	ug/l	94
43) Isopropyl Acetate	8.271	43	67564	45.689	ug/l #	89
44) Trichloroethene	8.935	130	56754	48.482	ug/l	95
45) 1,2-Dichloropropane	9.216	63	52564	49.515	ug/l	95
46) Dibromomethane	9.301	93	32412	48.017	ug/l	91
47) Bromodichloromethane	9.496	83	76055	49.301	ug/l	99
48) Methyl methacrylate	9.289	41	31841	48.221	ug/l	87
49) 1,4-Dioxane	9.289	88	7513	832.620	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	185760	226.976	ug/l	94
52) Toluene	10.246	92	148851	48.177	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	79447	48.497	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	85755	48.694	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	43511	46.074	ug/l	98
56) Ethyl methacrylate	10.508	69	55080	45.620	ug/l	89
57) 1,3-Dichloropropane	10.789	76	72697	47.191	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	123145	235.754	ug/l	96
59) 2-Hexanone	10.831	43	126322	225.437	ug/l	91
60) Dibromochloromethane	10.984	129	52907	46.216	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42021	44.904	ug/l	99
64) Tetrachloroethene	10.715	164	48621	46.503	ug/l	96
65) Chlorobenzene	11.514	112	152503	46.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56459	46.767	ug/l	96
67) Ethyl Benzene	11.593	91	291356	49.036	ug/l	100
68) m/p-Xylenes	11.703	106	243337	100.885	ug/l	91
69) o-Xylene	12.032	106	112621	50.280	ug/l	89
70) Styrene	12.044	104	194465	50.485	ug/l	95
71) Bromoform	12.209	173	35068	43.819	ug/l #	98
73) Isopropylbenzene	12.331	105	302877	44.206	ug/l	99
74) N-amyl acetate	12.142	43	72920	46.129	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	57885	41.013	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	73207	74.399	ug/l #	100
77) Bromobenzene	12.611	156	65936	41.516	ug/l	96
78) n-propylbenzene	12.672	91	390756	49.364	ug/l	100
79) 2-Chlorotoluene	12.758	91	205907	45.096	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	266761	46.452	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	19593	40.870	ug/l	88
82) 4-Chlorotoluene	12.855	91	226202	46.318	ug/l	97
83) tert-Butylbenzene	13.075	119	235561	46.235	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	274107	48.082	ug/l	98
85) sec-Butylbenzene	13.252	105	376980	48.361	ug/l	99
86) p-Isopropyltoluene	13.367	119	319234	49.110	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	157064	46.360	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	153397	45.067	ug/l	99
89) n-Butylbenzene	13.697	91	295388	49.671	ug/l	99
90) Hexachloroethane	13.959	117	55959	45.937	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	136943	45.791	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8102	36.975	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	68569	41.777	ug/l	100
94) Hexachlorobutadiene	15.111	225	38657	43.213	ug/l	99
95) Naphthalene	15.239	128	131844	39.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	59618	41.800	ug/l	98

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Response via : Initial Calibration

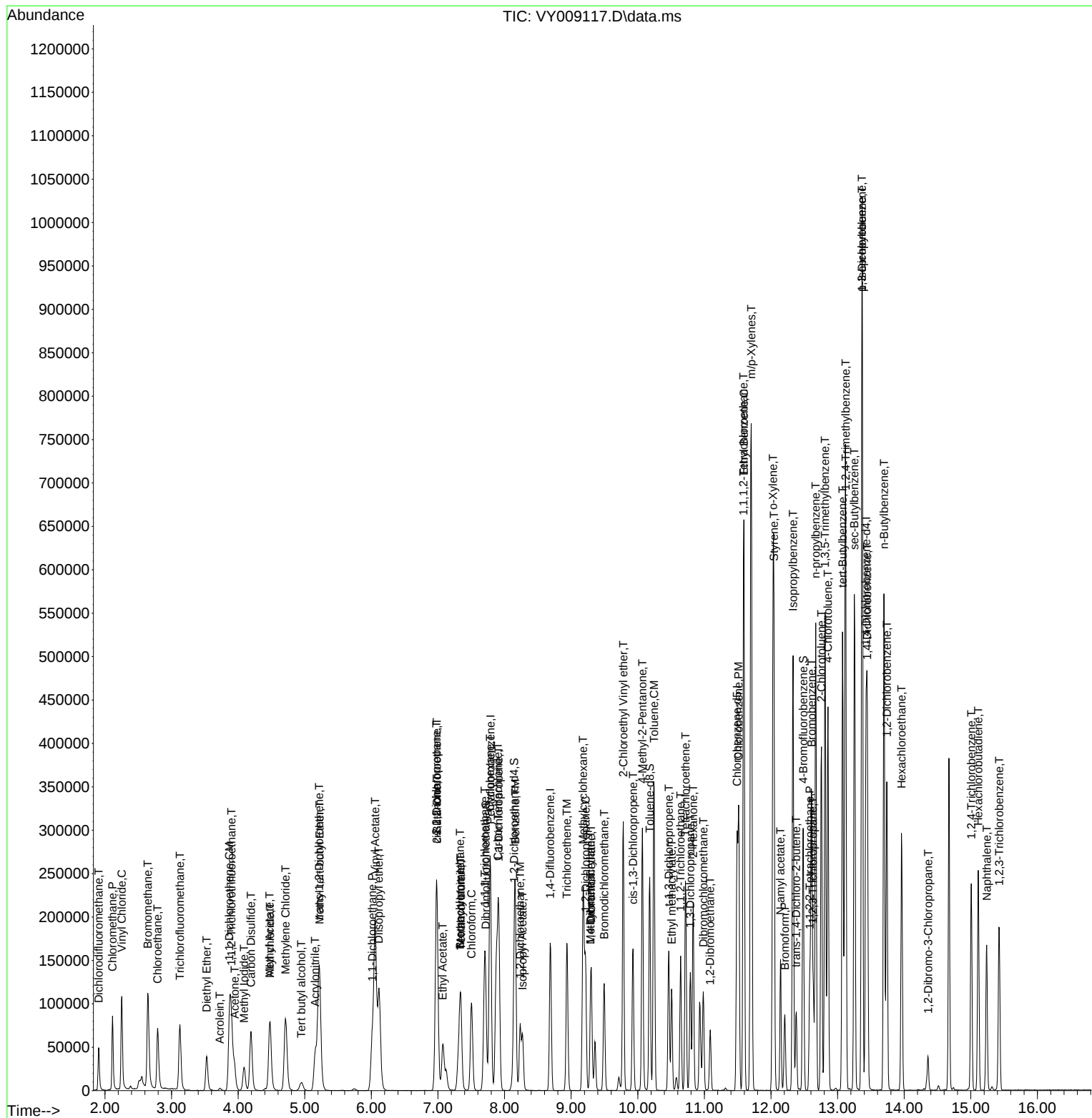
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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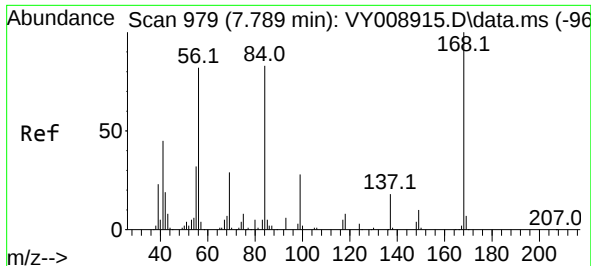
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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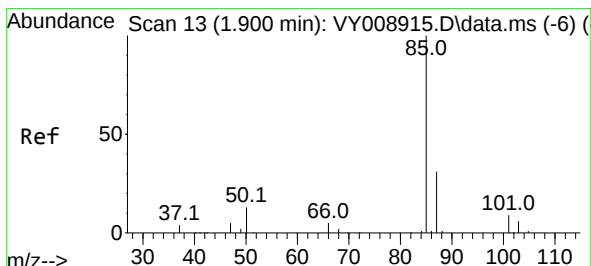
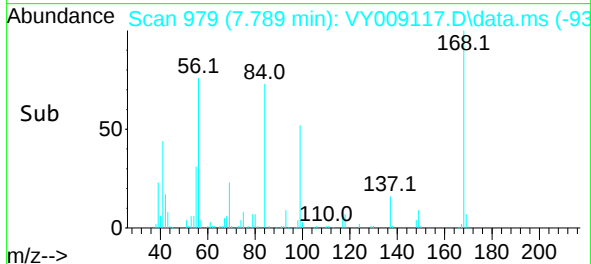
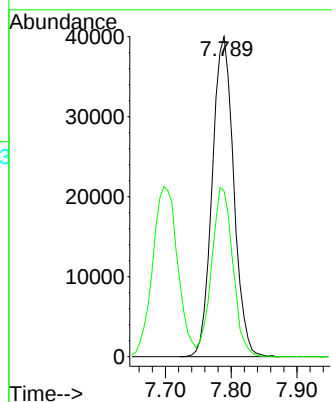
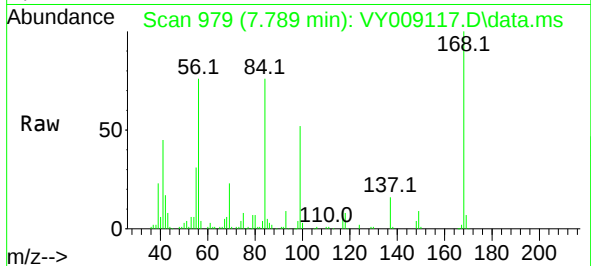




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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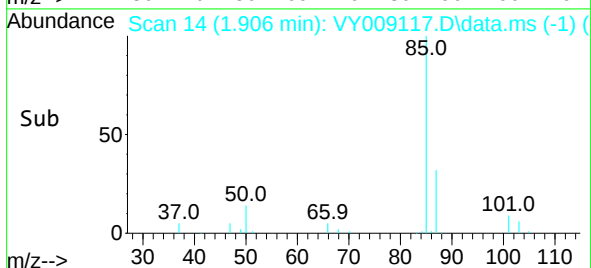
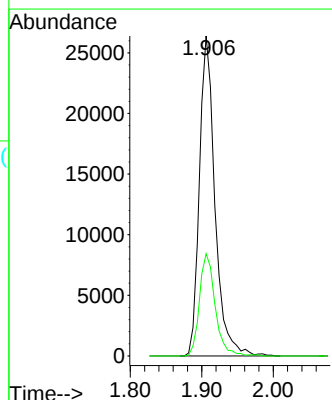
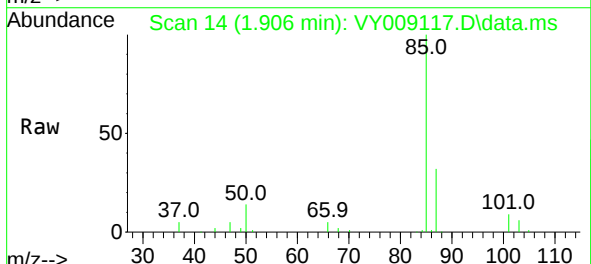
Instrument :
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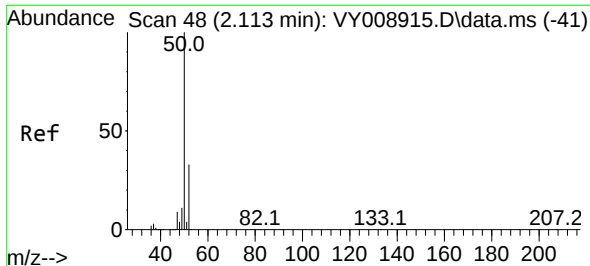
Tgt Ion:168 Resp: 90864
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 48.047 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 85 Resp: 39930
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

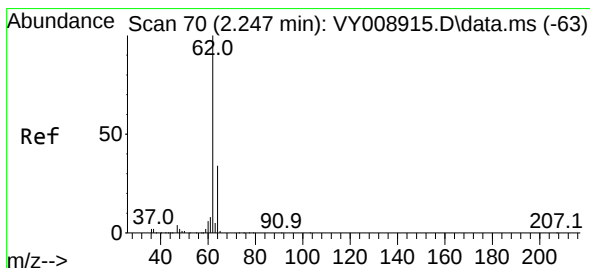
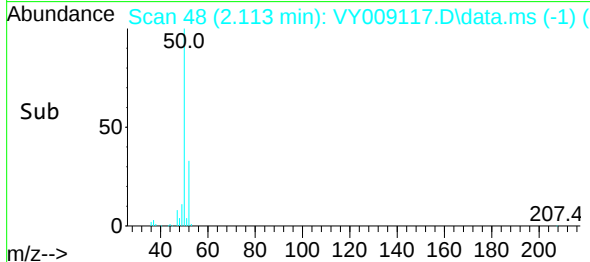
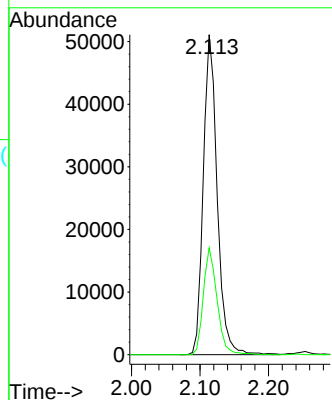
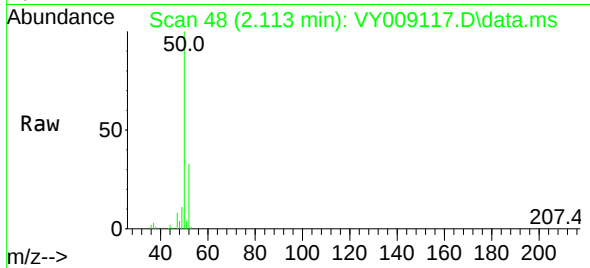




#3
Chloromethane
Concen: 60.690 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

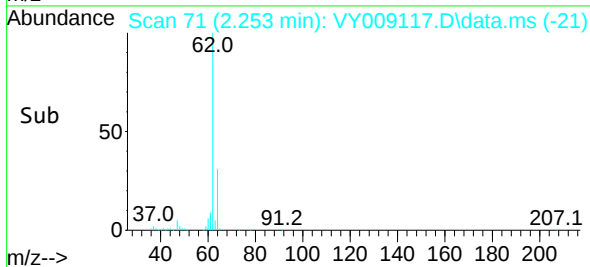
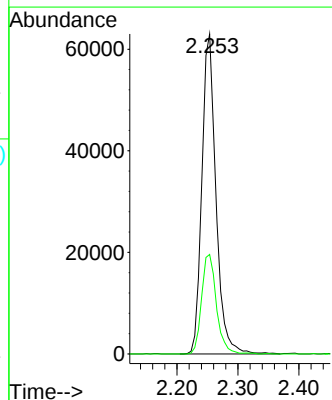
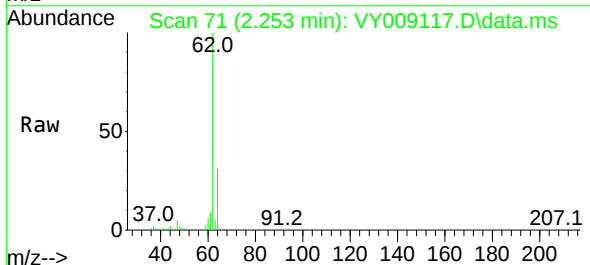
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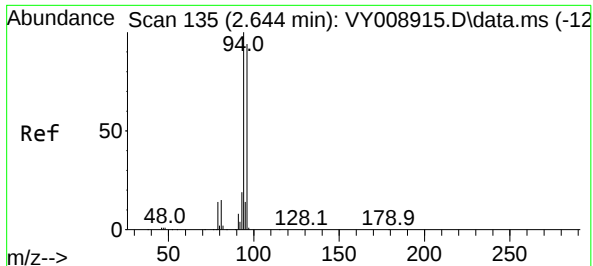
Tgt Ion: 50 Resp: 72257
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 57.353 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 62 Resp: 101165
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

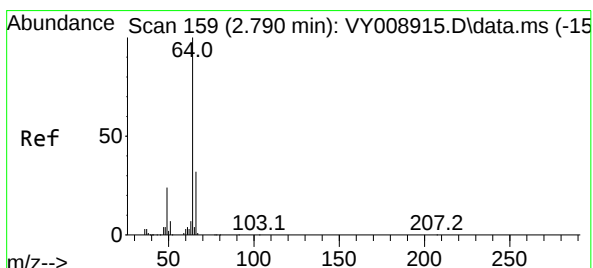
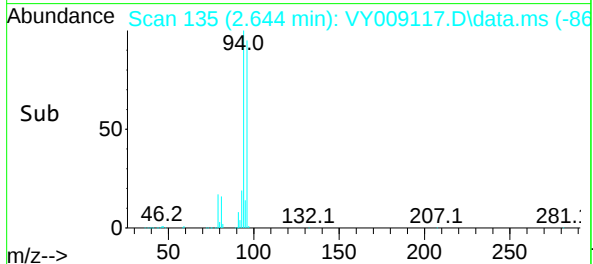
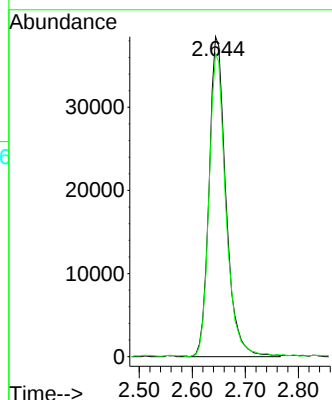
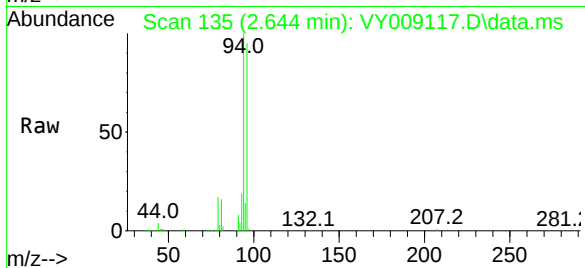




#5
Bromomethane
Concen: 49.126 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
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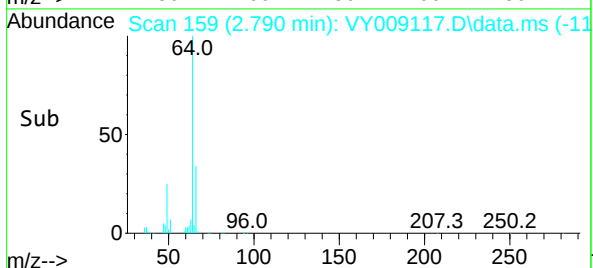
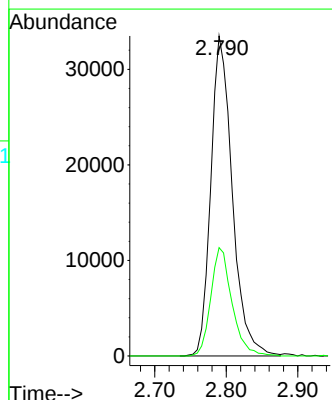
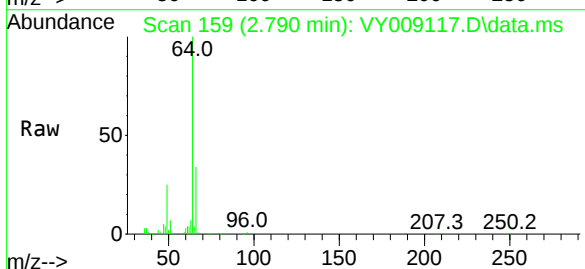
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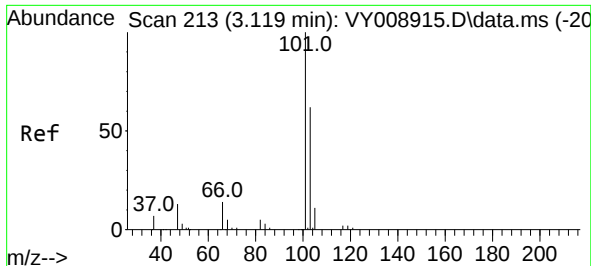
Tgt Ion: 94 Resp: 84941
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 55.841 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 69780
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

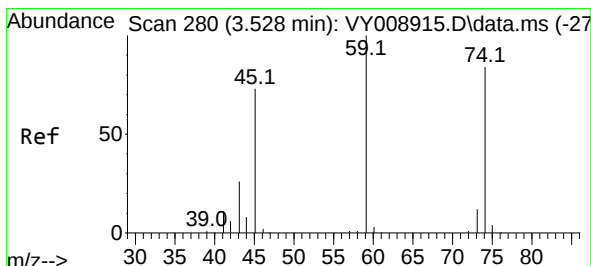
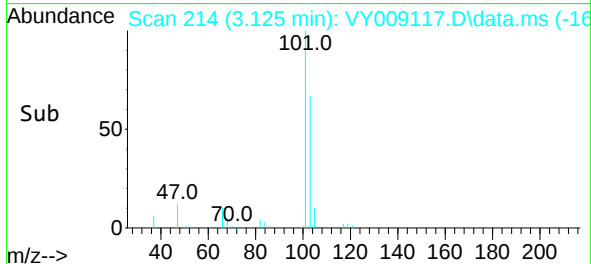
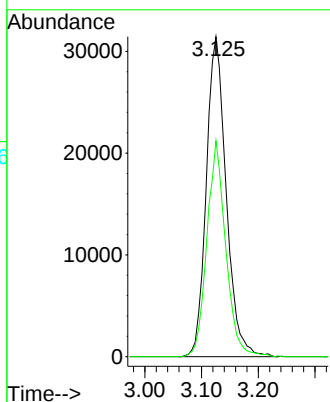
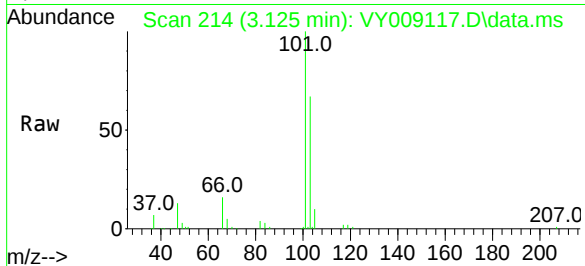




#7
Trichlorofluoromethane
Concen: 51.119 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009117.D
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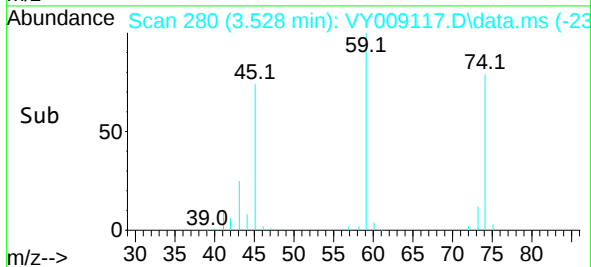
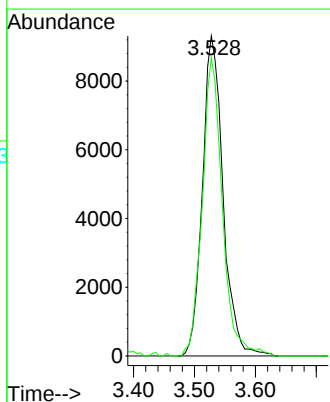
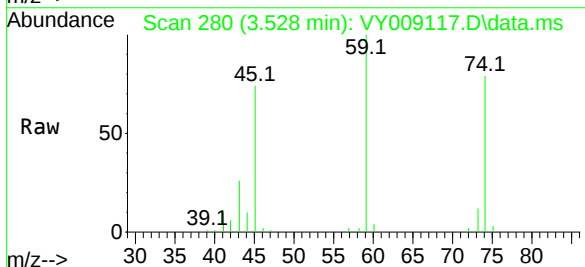
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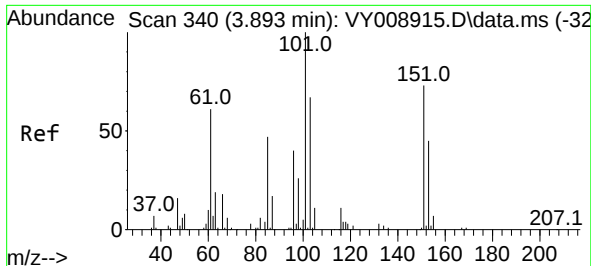
Tgt Ion:101 Resp: 76574
Ion Ratio Lower Upper
101 100
103 67.5 48.0 72.0



#8
Diethyl Ether
Concen: 46.822 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 21931
Ion Ratio Lower Upper
74 100
45 91.1 55.1 165.5

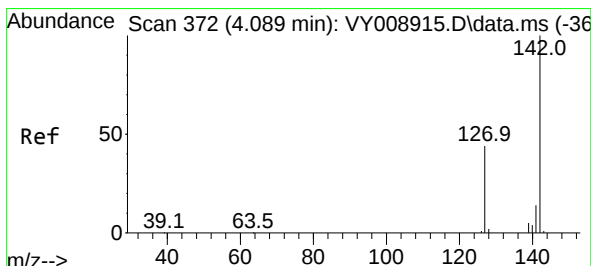
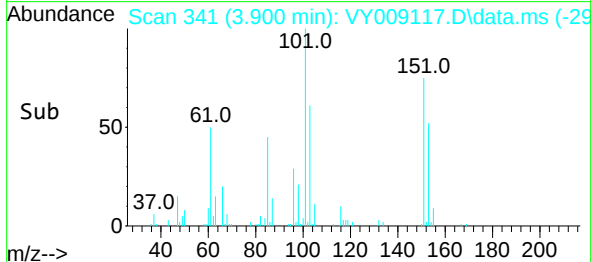
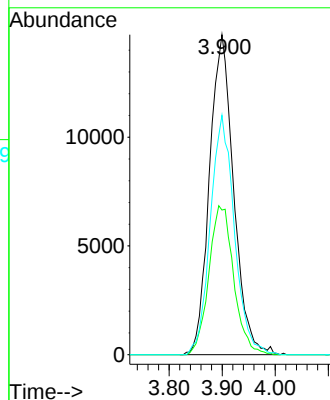
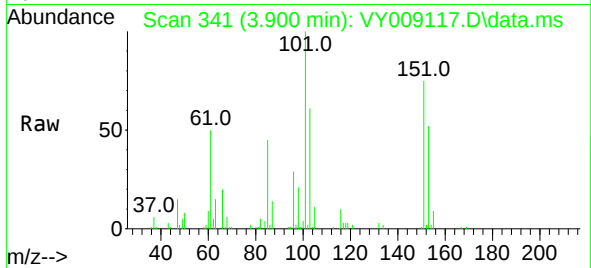




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.571 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

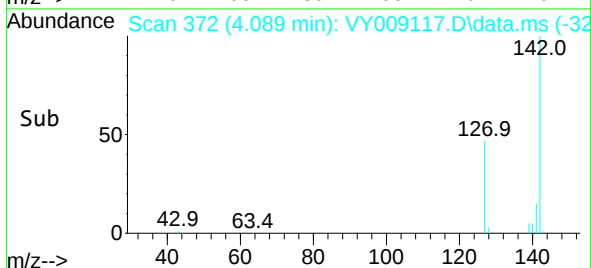
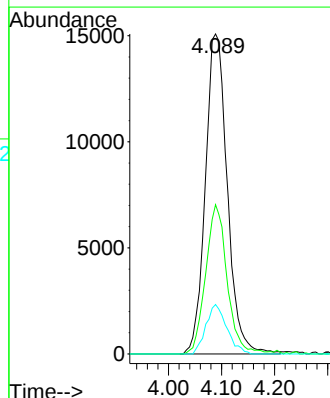
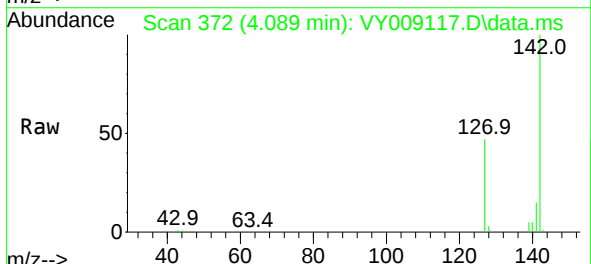
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

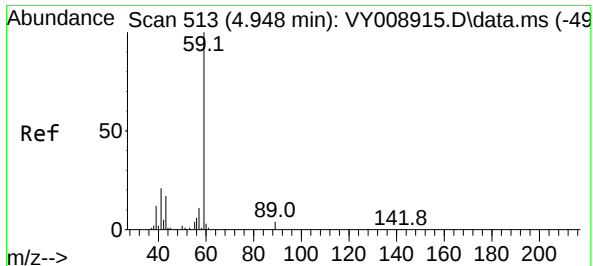
Tgt Ion:101 Resp: 46558
Ion Ratio Lower Upper
101 100
85 47.9 40.6 60.8
151 74.7 64.9 97.3



#10
Methyl Iodide
Concen: 45.664 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion:142 Resp: 43411
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 14.7 11.9 17.9

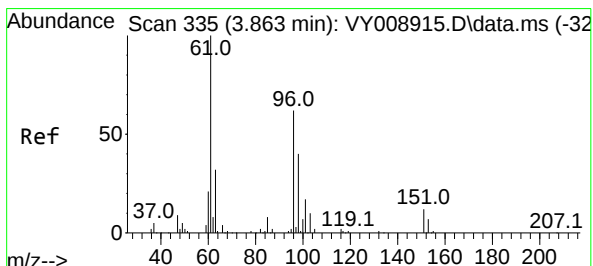
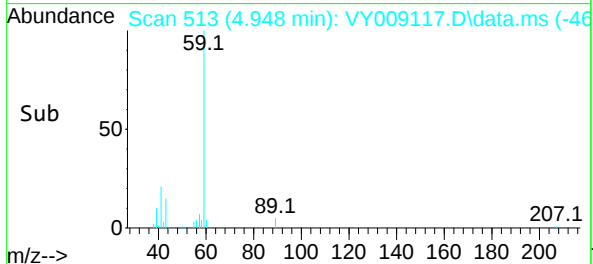
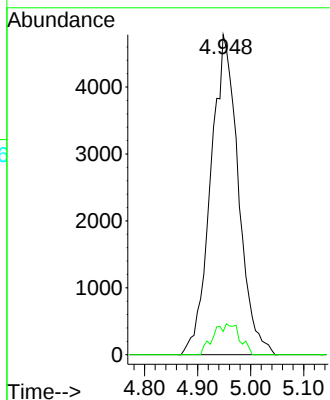
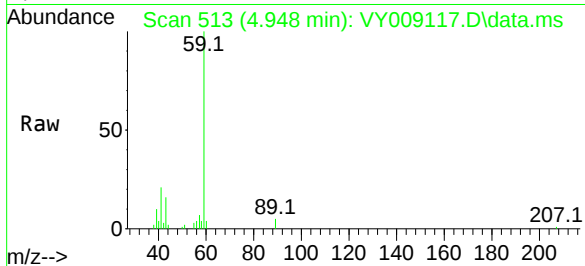




#11
Tert butyl alcohol
Concen: 182.773 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

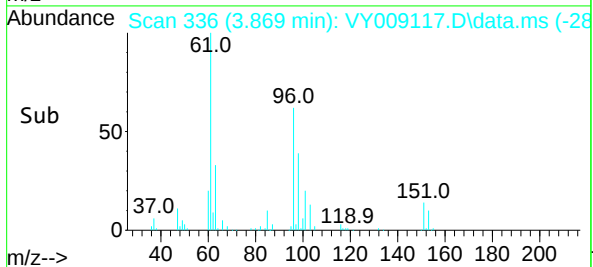
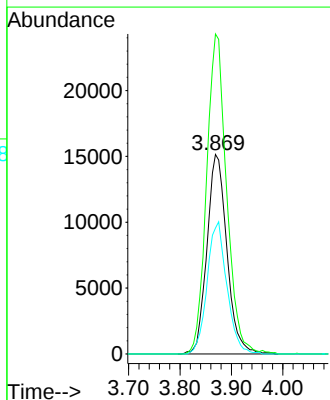
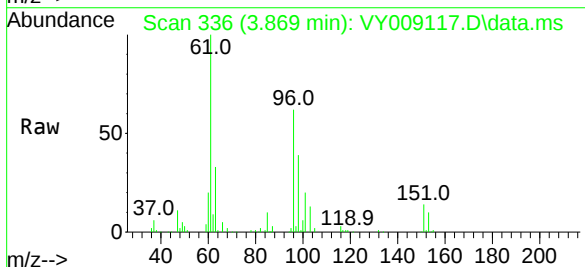
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

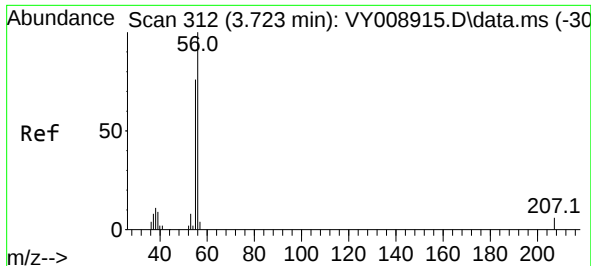
Tgt Ion: 59 Resp: 17337
Ion Ratio Lower Upper
59 100
57 4.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.821 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

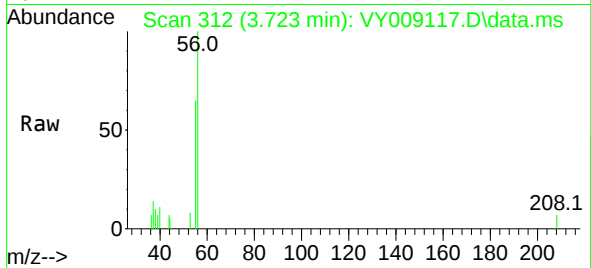
Tgt Ion: 96 Resp: 40870
Ion Ratio Lower Upper
96 100
61 160.4 145.8 218.6
98 63.1 52.5 78.7



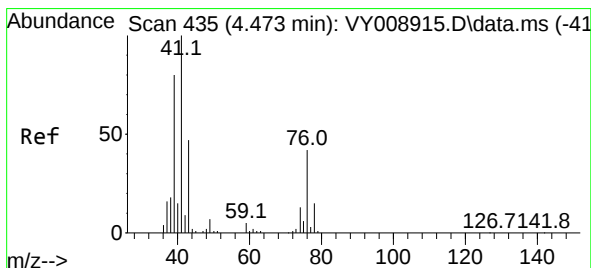
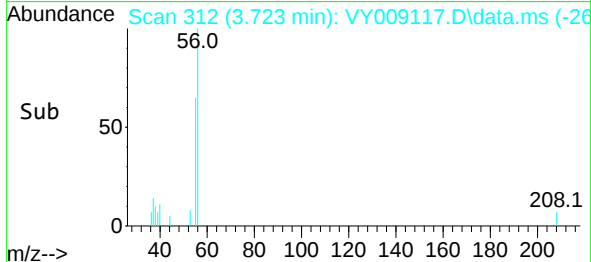
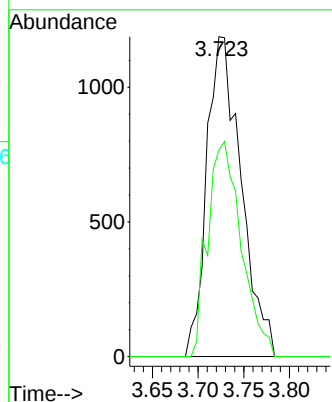


#13
Acrolein
Concen: 99.192 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

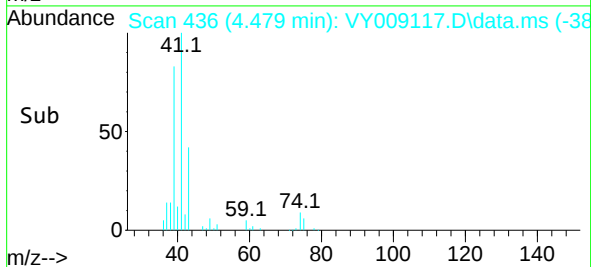
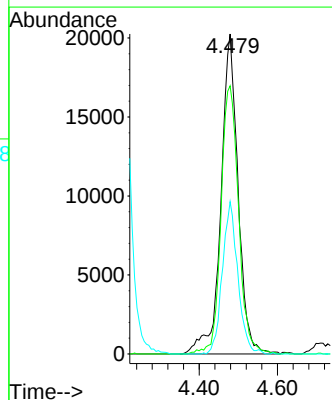
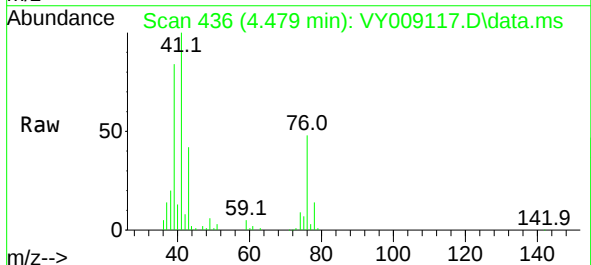


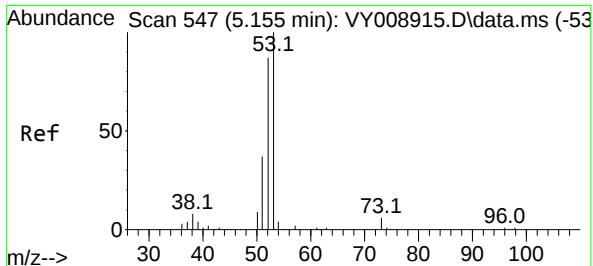
Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
55 66.3 57.6 86.4



#14
Allyl chloride
Concen: 47.955 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 41 Resp: 61765
Ion Ratio Lower Upper
41 100
39 85.9 58.8 88.2
76 43.0 25.1 37.7#





#15

Acrylonitrile

Concen: 217.024 ug/l

RT: 5.155 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

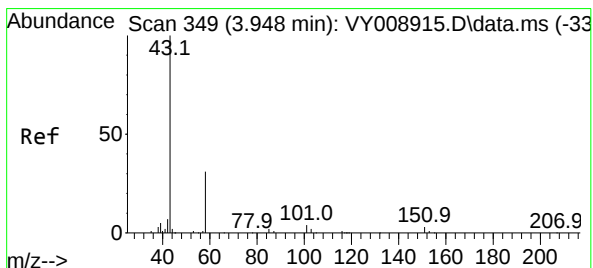
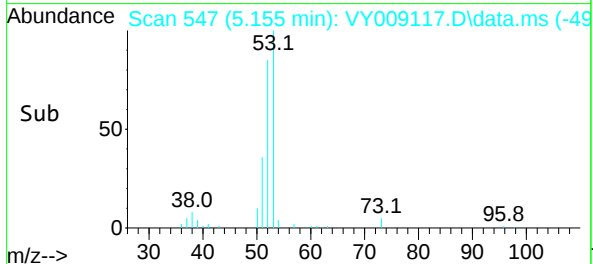
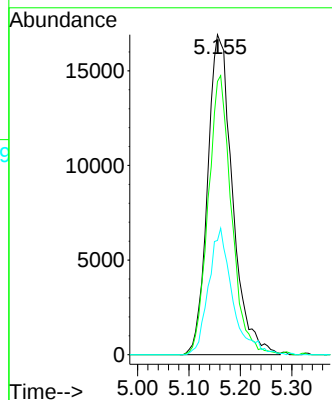
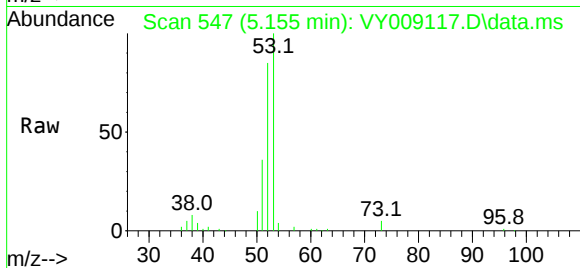
Tgt Ion: 53 Resp: 56916

Ion Ratio Lower Upper

53 100

52 81.6 67.0 100.4

51 37.8 29.8 44.6



#16

Acetone

Concen: 208.400 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY009117.D

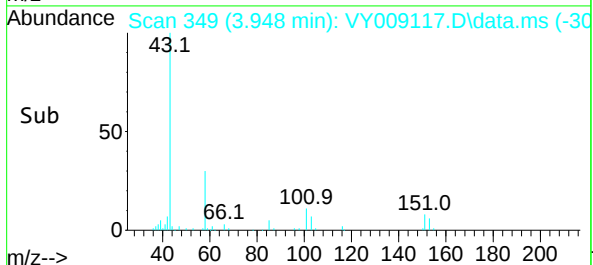
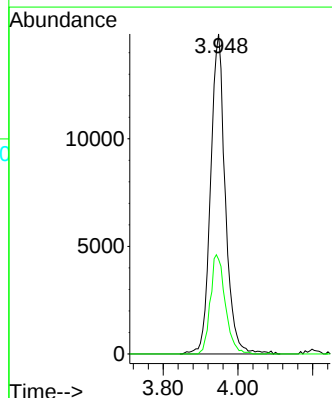
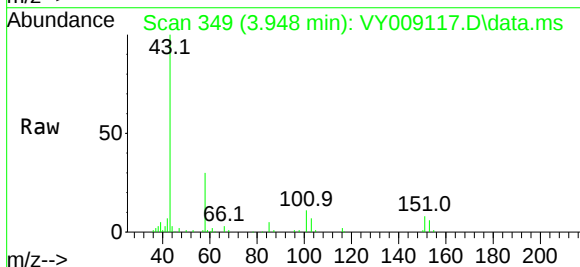
Acq: 26 May 2022 15:44

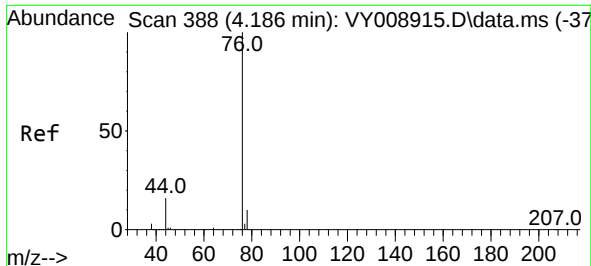
Tgt Ion: 43 Resp: 40567

Ion Ratio Lower Upper

43 100

58 29.6 22.0 33.0

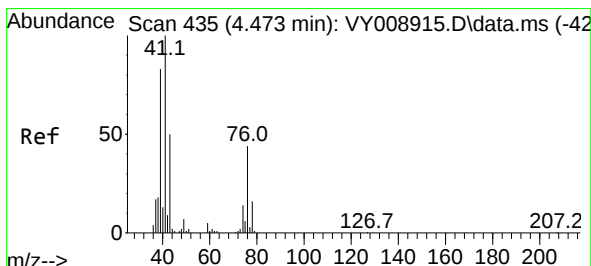
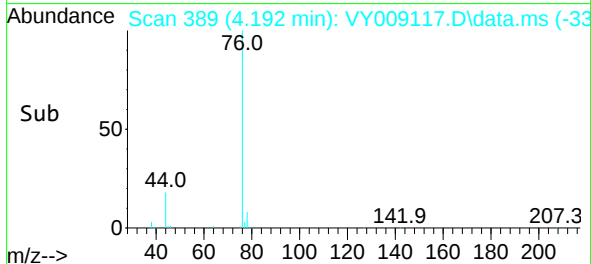
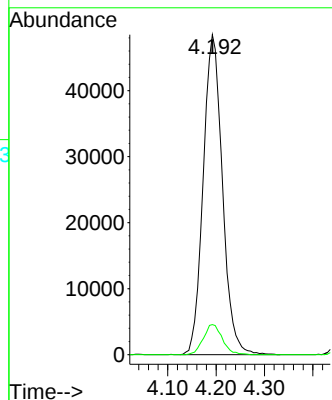
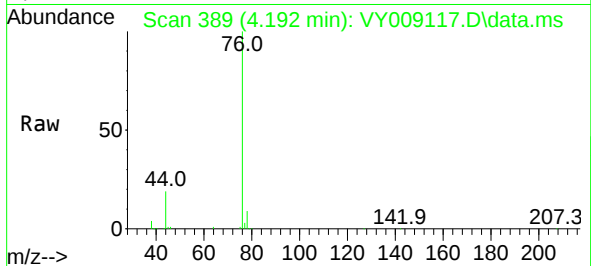




#17
Carbon Disulfide
Concen: 48.017 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

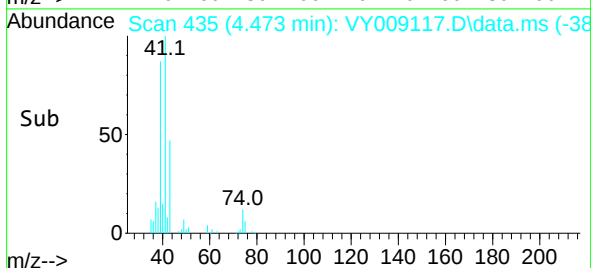
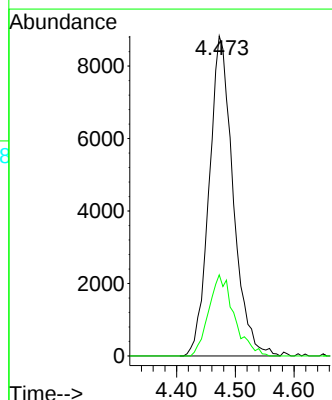
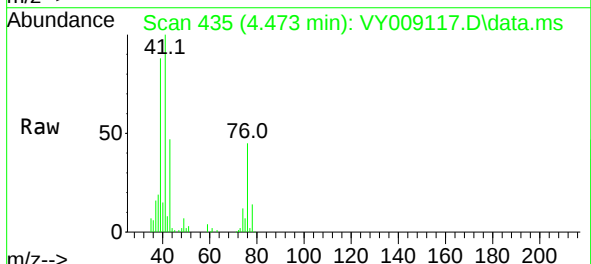
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

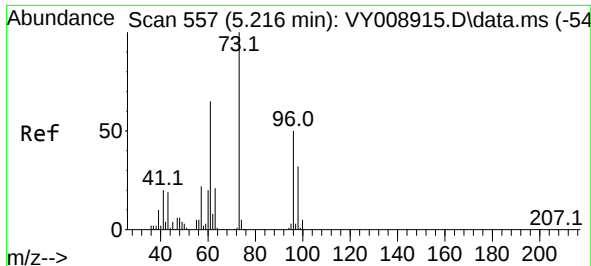
Tgt Ion: 76 Resp: 134069
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 41.310 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 43 Resp: 25041
Ion Ratio Lower Upper
43 100
74 26.9 16.6 24.8#

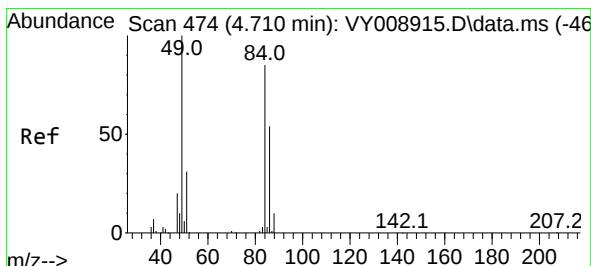
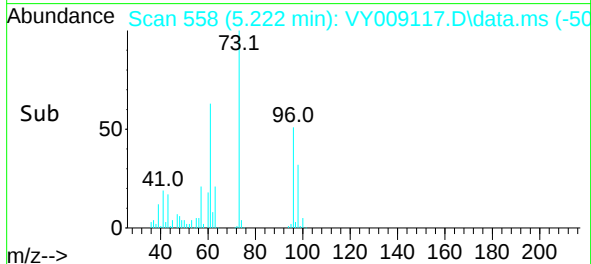
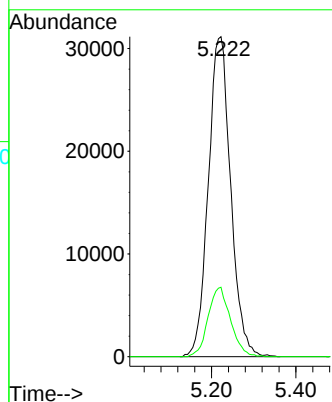
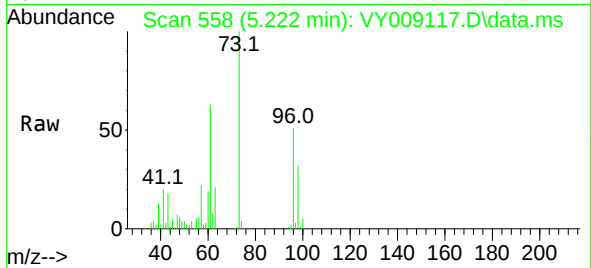




#19
Methyl tert-butyl Ether
Concen: 44.761 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

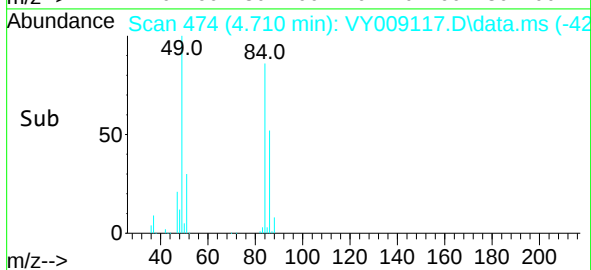
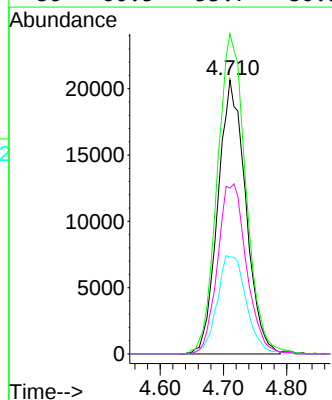
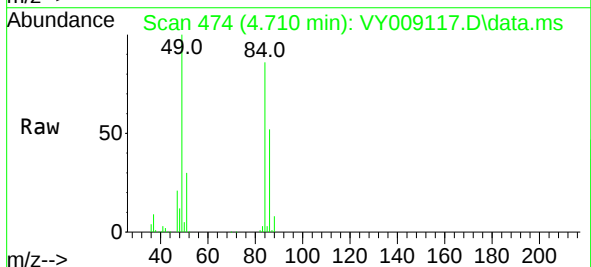
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

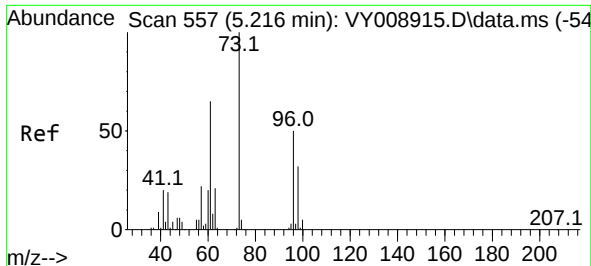
Tgt Ion: 73 Resp: 114823
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 59.363 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 84 Resp: 62914
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 35.4 35.3 52.9
86 60.5 53.7 80.5

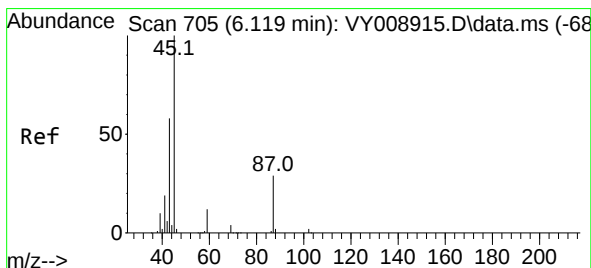
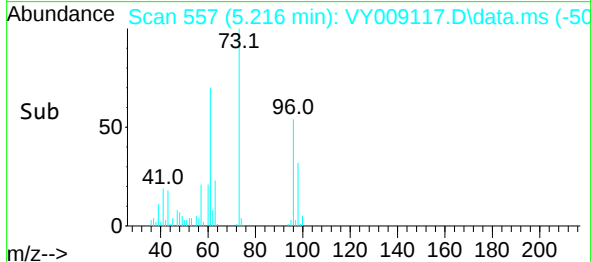
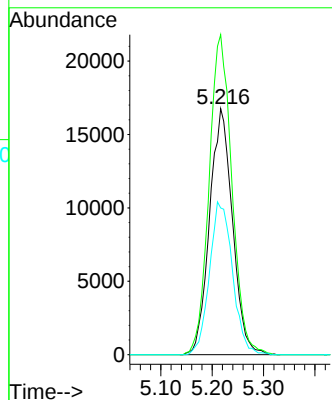
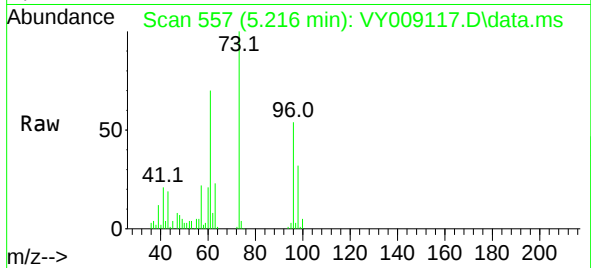




#21
trans-1,2-Dichloroethene
Concen: 47.327 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

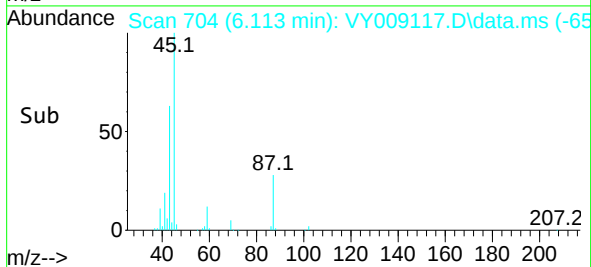
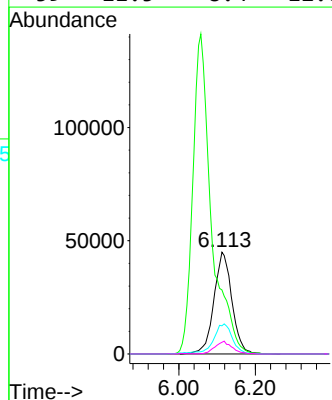
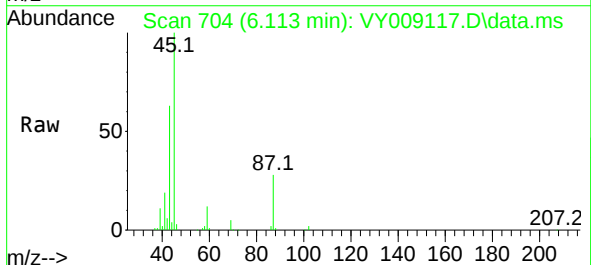
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

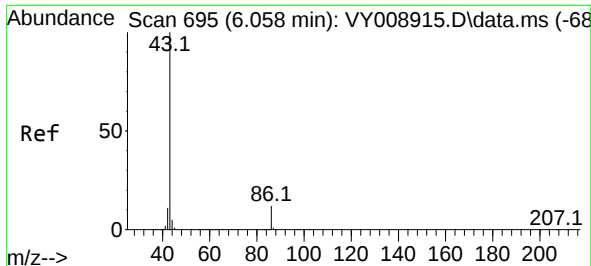
Tgt Ion: 96 Resp: 51916
Ion Ratio Lower Upper
96 100
61 130.1 120.5 180.7
98 59.7 49.8 74.8



#22
Diisopropyl ether
Concen: 47.517 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 45 Resp: 147031
Ion Ratio Lower Upper
45 100
43 62.7 49.3 73.9
87 27.7 19.2 28.8
59 11.5 8.4 12.6

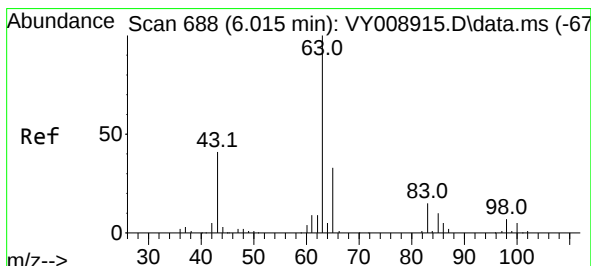
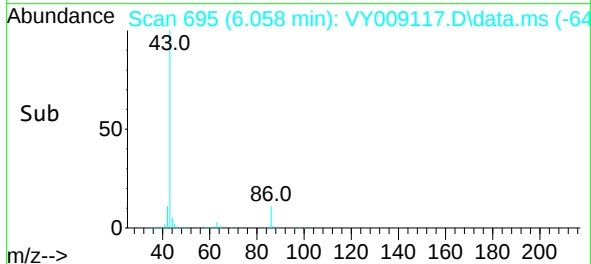
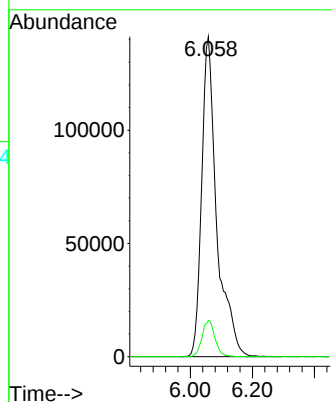
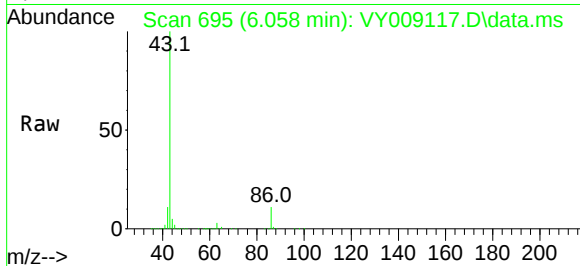




#23
 Vinyl Acetate
 Concen: 232.868 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009117.D
 Acq: 26 May 2022 15:44

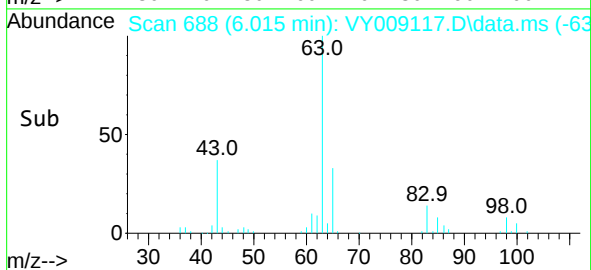
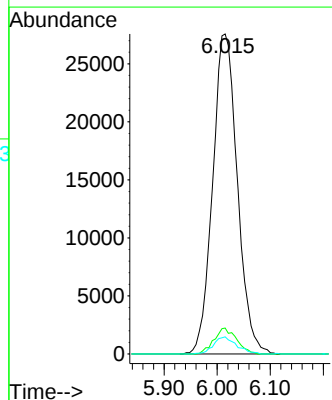
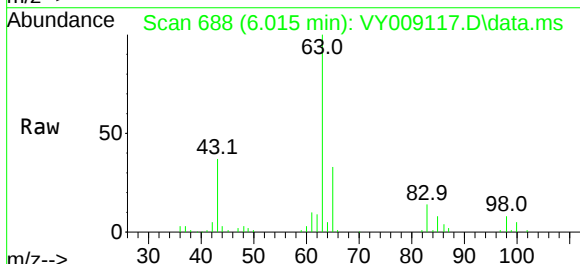
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

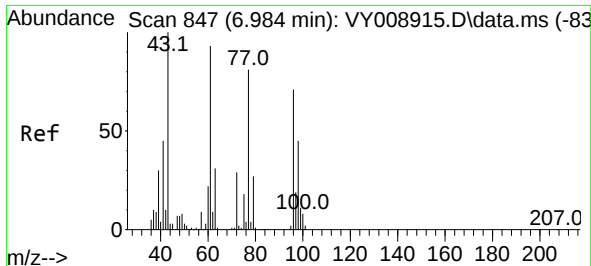
Tgt Ion: 43 Resp: 476640
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.143 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY009117.D
 Acq: 26 May 2022 15:44

Tgt Ion: 63 Resp: 89101
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 5.4 2.0 5.8

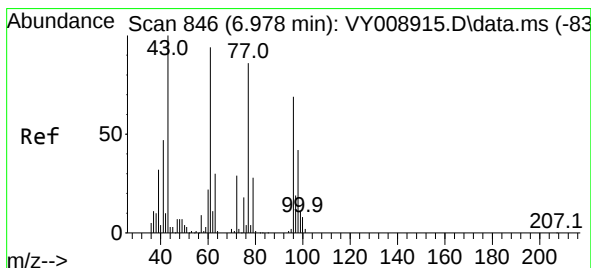
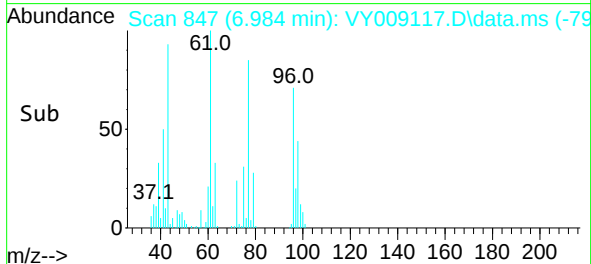
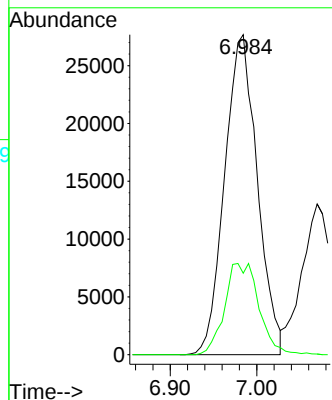
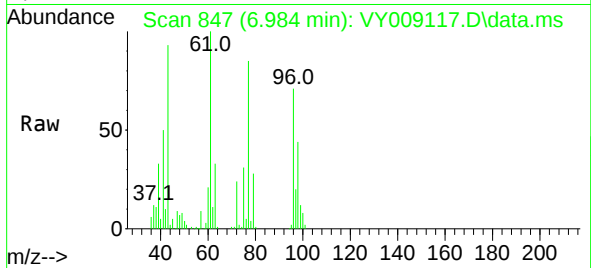




#25
2-Butanone
Concen: 208.716 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

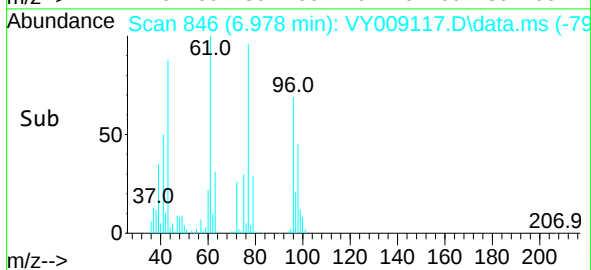
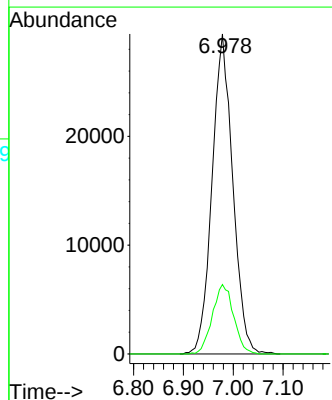
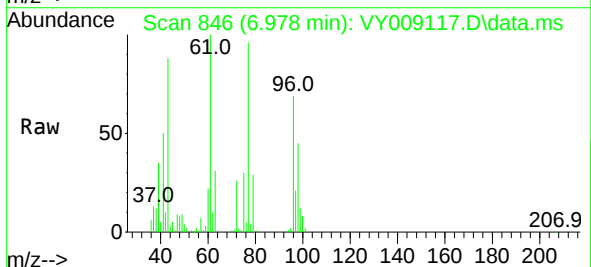
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

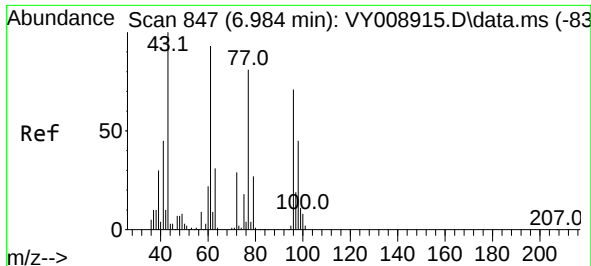
Tgt Ion: 43 Resp: 72567
Ion Ratio Lower Upper
43 100
72 25.5 17.7 26.5



#26
2,2-Dichloropropane
Concen: 49.722 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 77 Resp: 84769
Ion Ratio Lower Upper
77 100
97 22.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 46.848 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

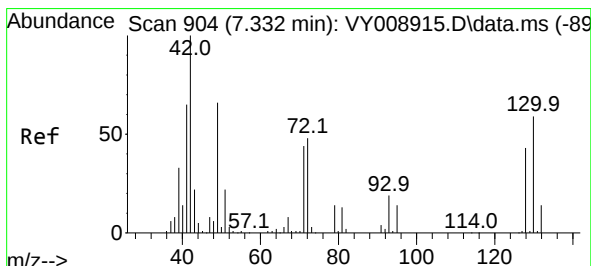
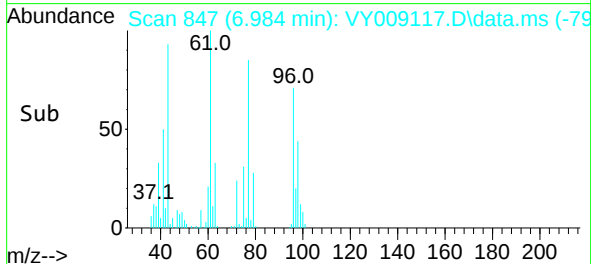
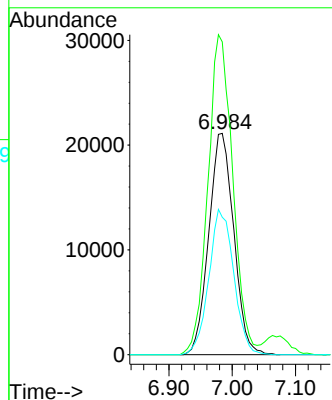
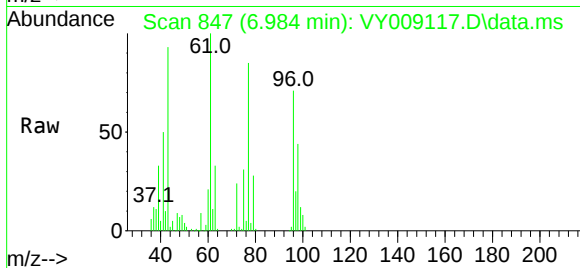
Tgt Ion: 96 Resp: 57932

Ion Ratio Lower Upper

96 100

61 143.7 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 52.099 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

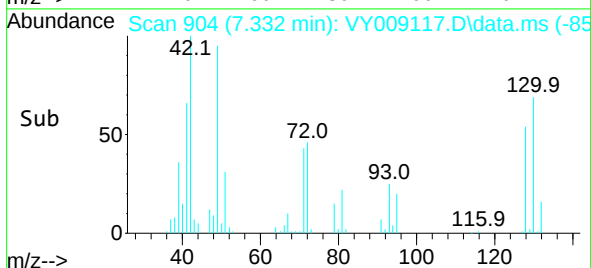
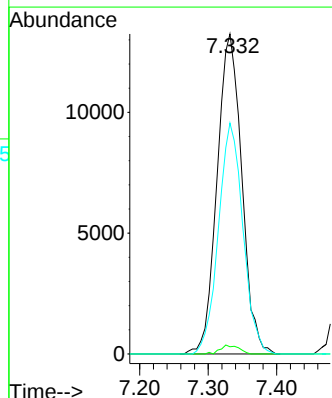
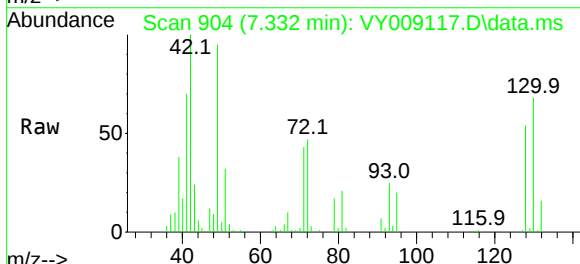
Tgt Ion: 49 Resp: 33096

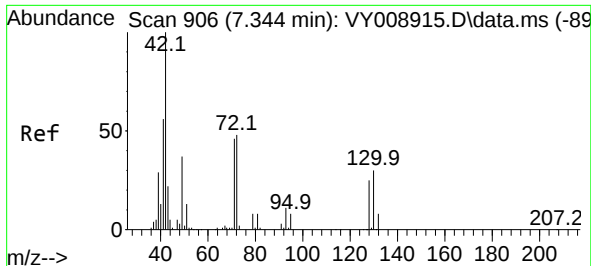
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 71.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 211.094 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

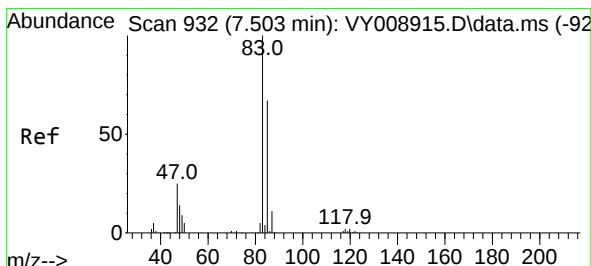
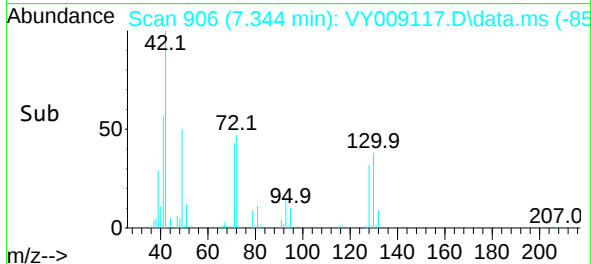
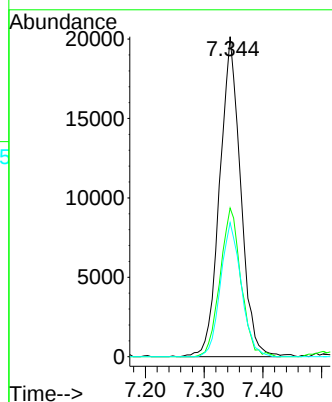
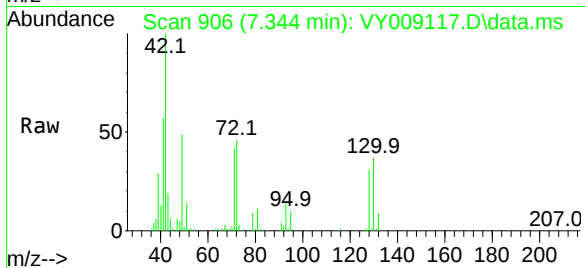
Tgt Ion: 42 Resp: 49855

Ion Ratio Lower Upper

42 100

72 46.4 30.3 45.5#

71 41.5 29.0 43.4



#30

Chloroform

Concen: 47.804 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY009117.D

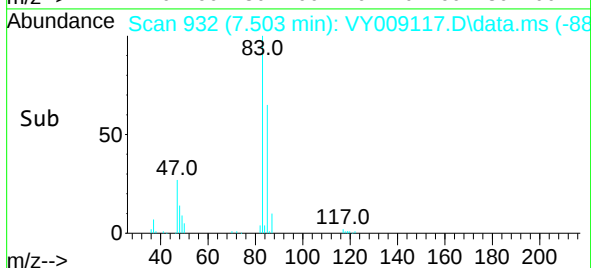
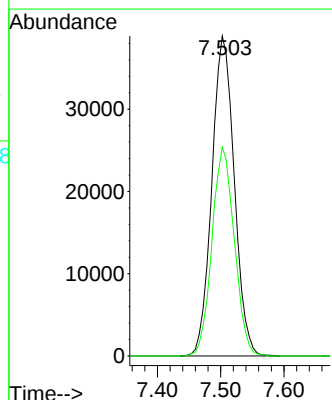
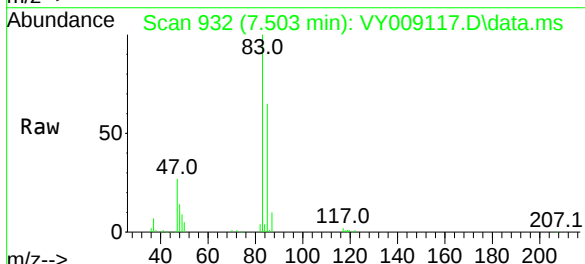
Acq: 26 May 2022 15:44

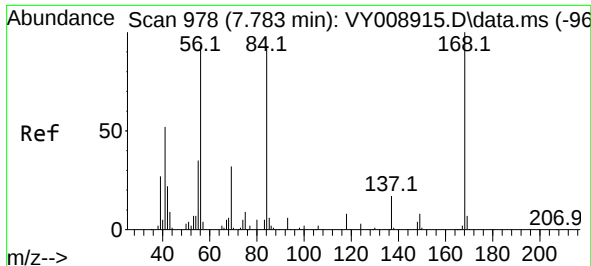
Tgt Ion: 83 Resp: 95504

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

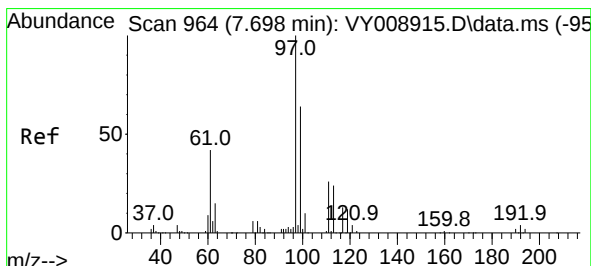
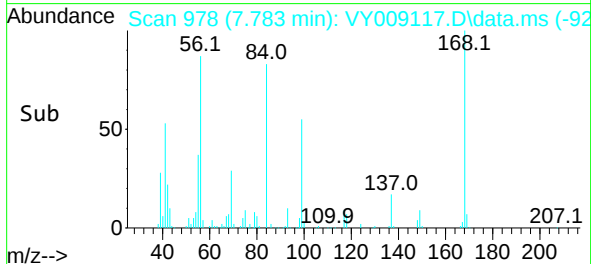
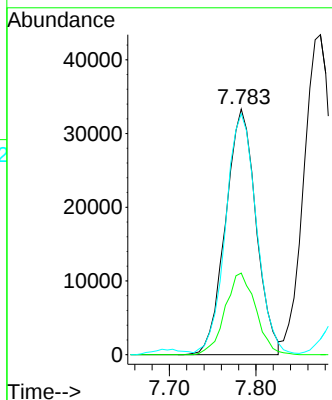
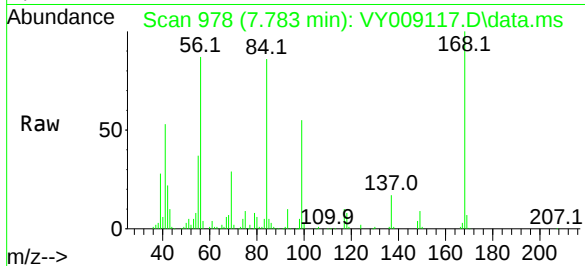




#31
Cyclohexane
Concen: 44.472 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

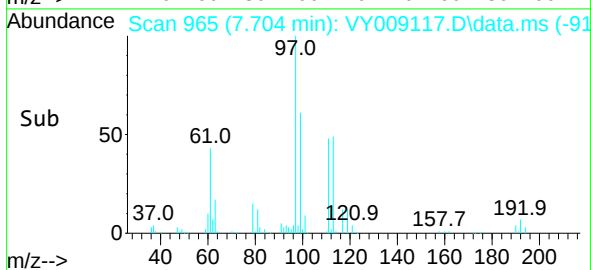
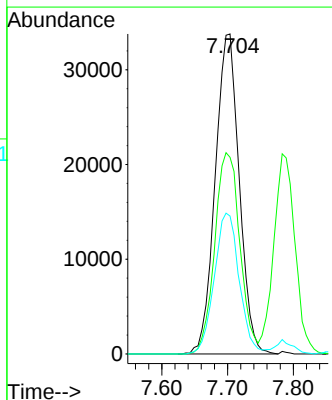
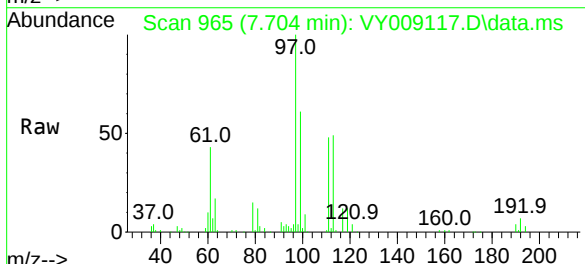
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

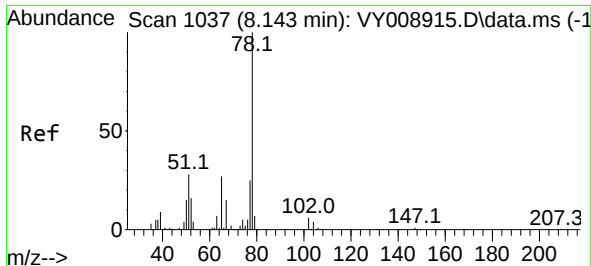
Tgt Ion: 56 Resp: 81360
Ion Ratio Lower Upper
56 100
69 33.2 26.7 40.1
84 96.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.416 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 97 Resp: 85942
Ion Ratio Lower Upper
97 100
99 65.9 50.7 76.1
61 45.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.797 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

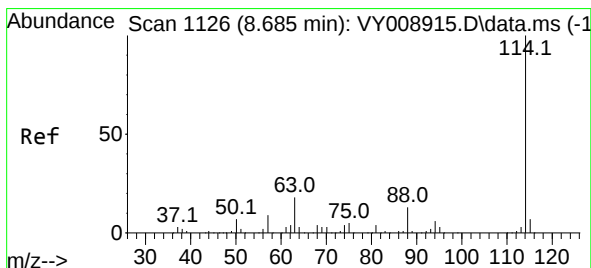
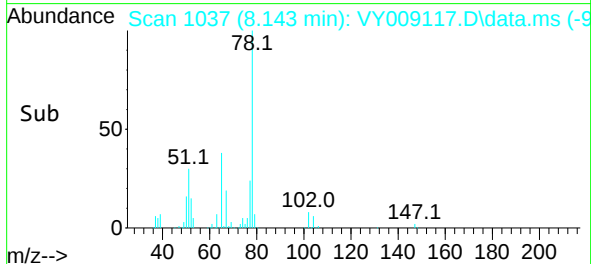
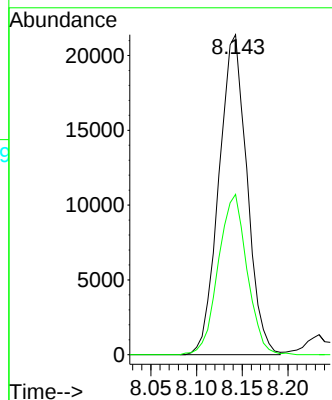
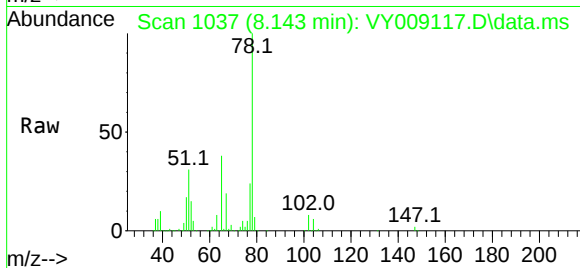
VSTDCCC050EC

Tgt Ion: 65 Resp: 45633

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

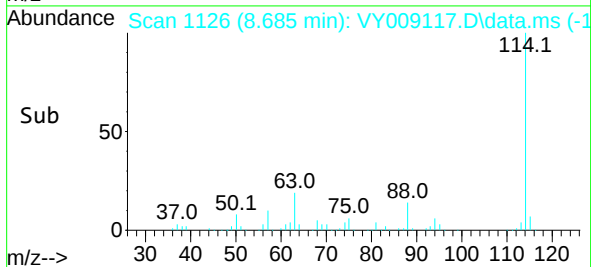
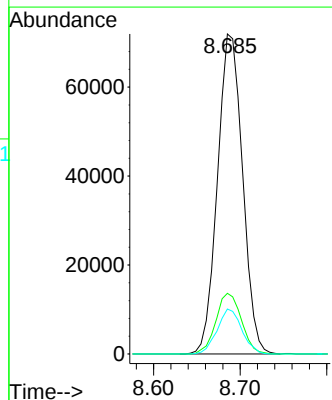
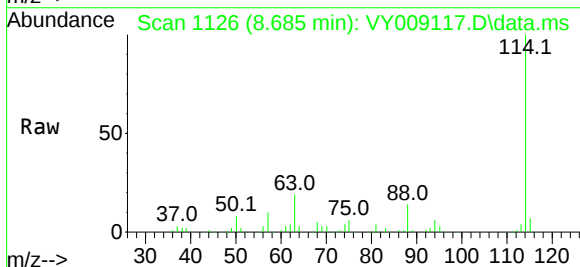
Tgt Ion: 114 Resp: 144878

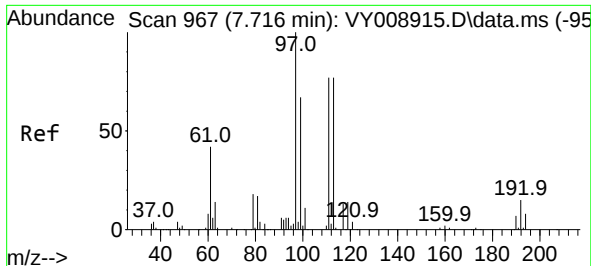
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.1 0.0 31.8

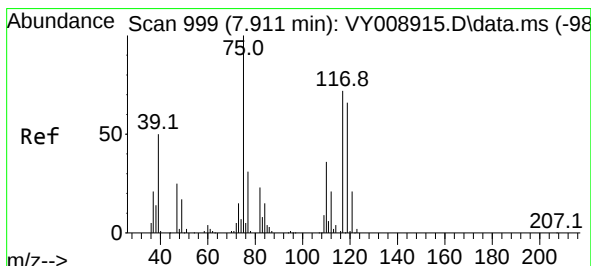
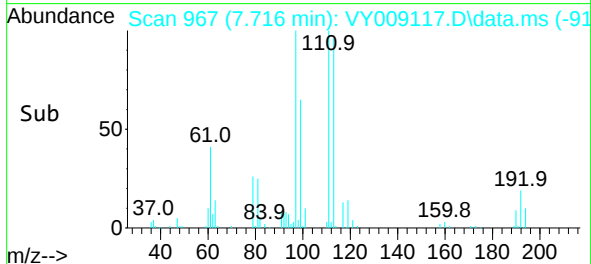
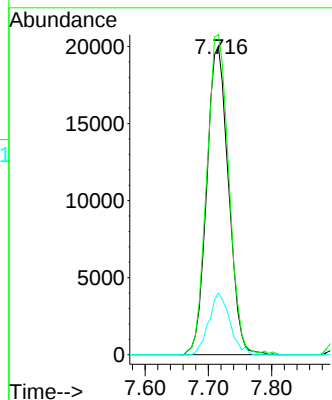
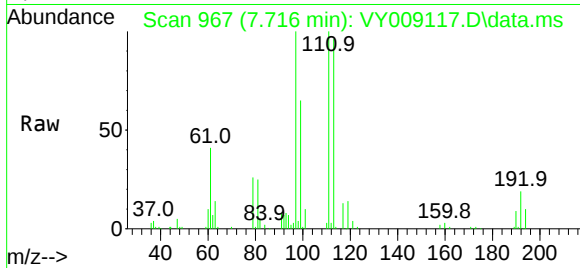




#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

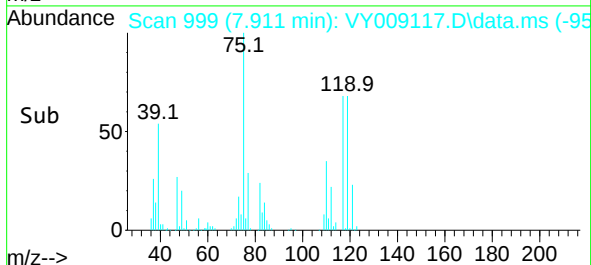
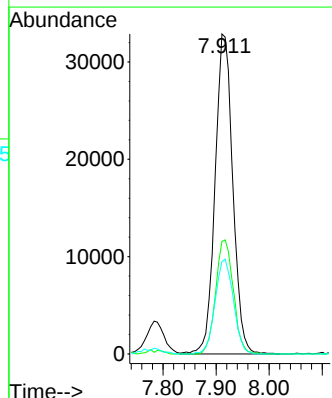
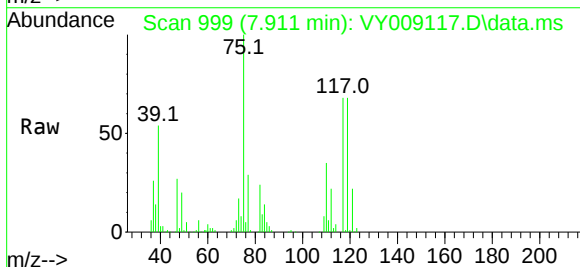
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

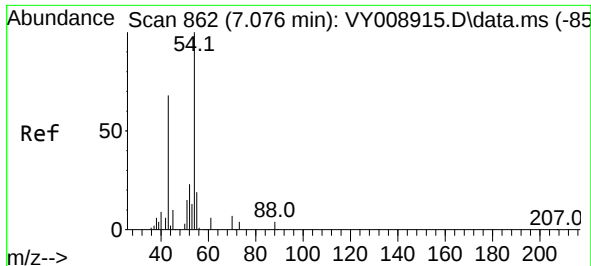
Tgt Ion:113 Resp: 47833
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.855 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 75 Resp: 76437
Ion Ratio Lower Upper
75 100
110 35.5 17.1 51.2
77 30.5 24.4 36.6

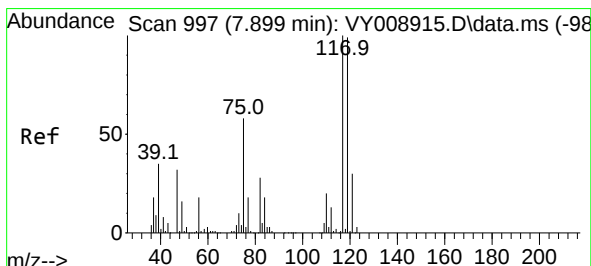
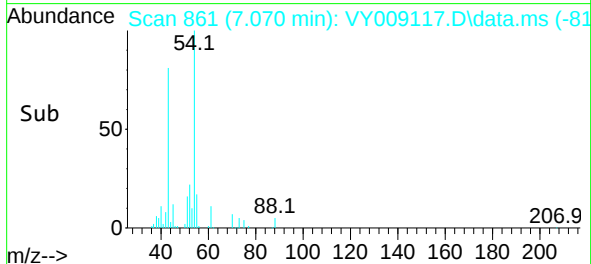
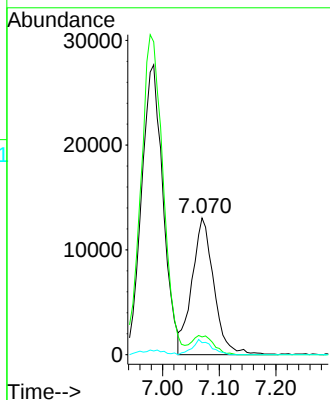
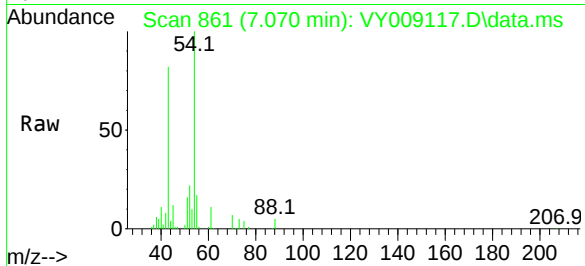




#37
Ethyl Acetate
Concen: 44.019 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

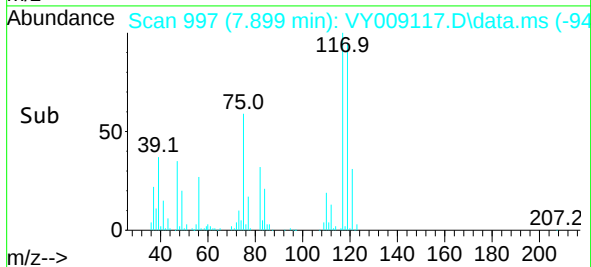
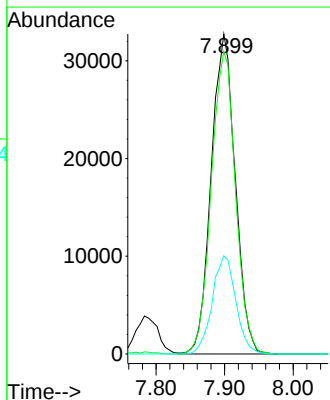
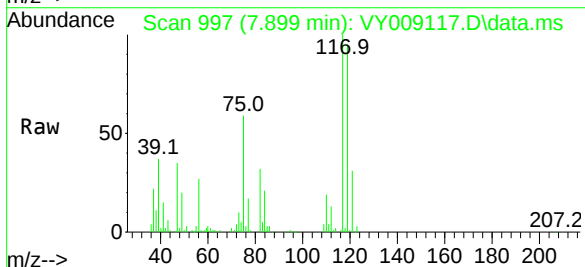
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

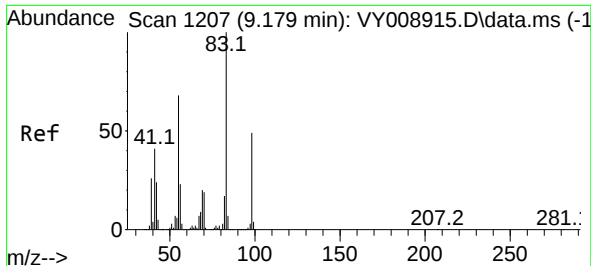
Tgt Ion: 43 Resp: 35008
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.710 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 117 Resp: 79727
Ion Ratio Lower Upper
117 100
119 94.5 77.9 116.9
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 48.691 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

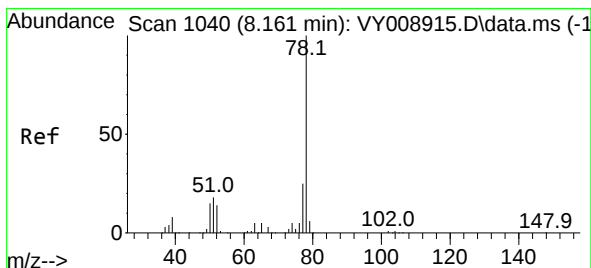
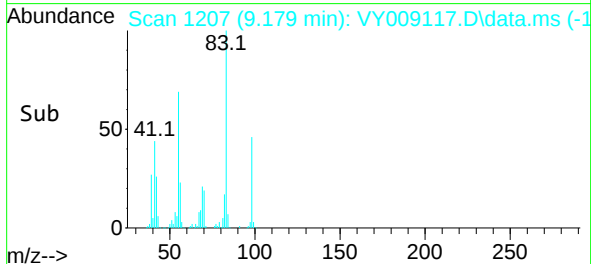
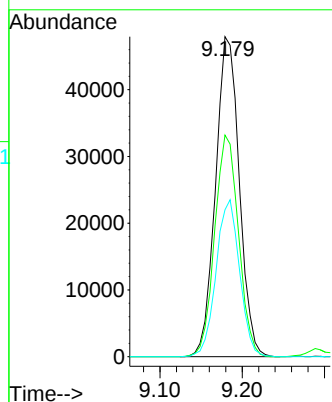
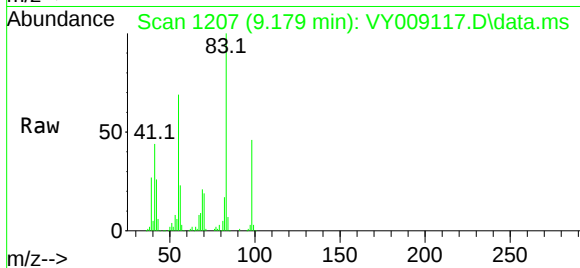
Tgt Ion: 83 Resp: 96359

Ion Ratio Lower Upper

83 100

55 69.2 66.5 99.7

98 45.9 37.9 56.9



#40

Benzene

Concen: 49.613 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009117.D

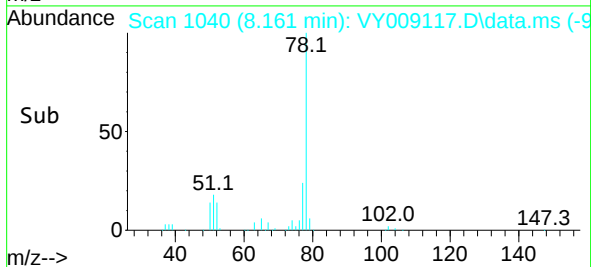
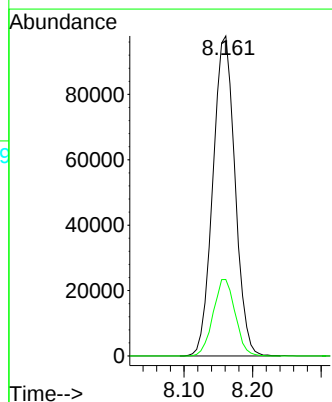
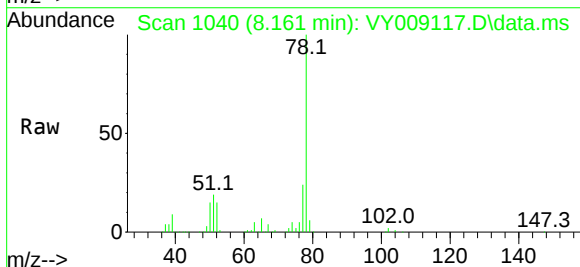
Acq: 26 May 2022 15:44

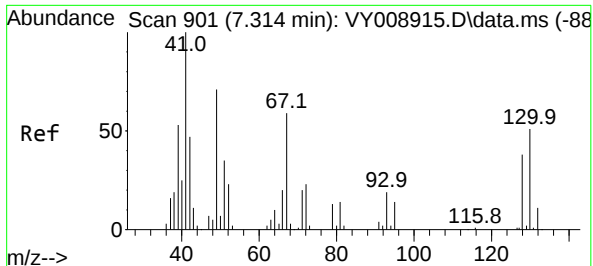
Tgt Ion: 78 Resp: 219344

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

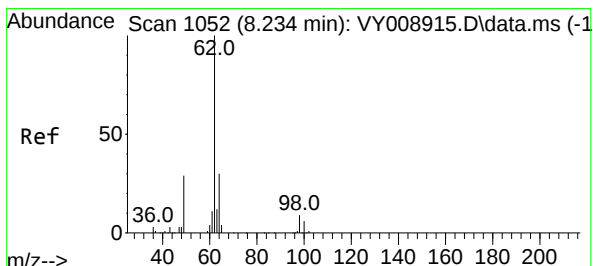
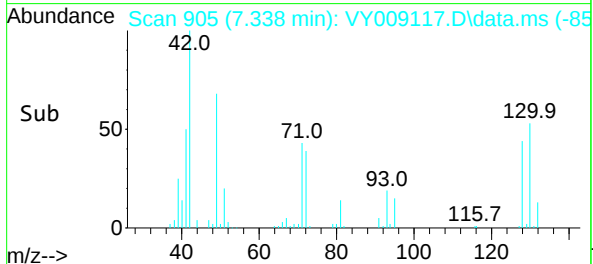
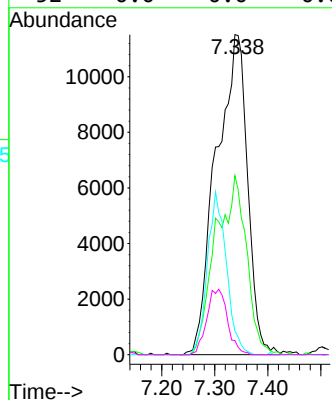
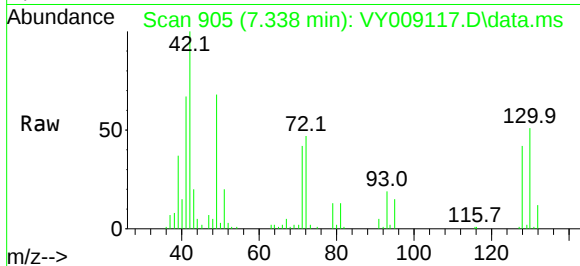




#41
Methacrylonitrile
Concen: 114.523 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

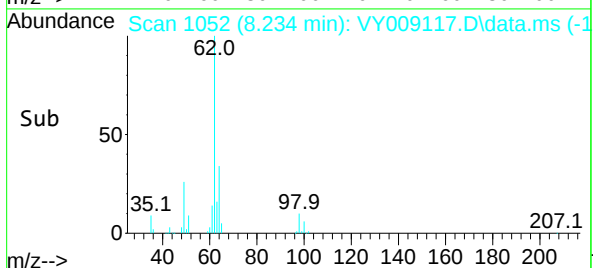
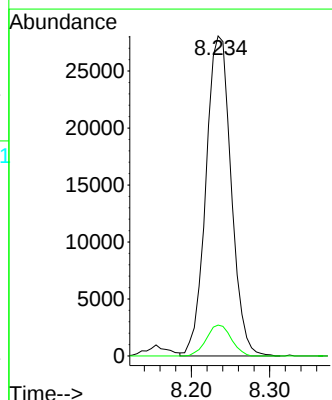
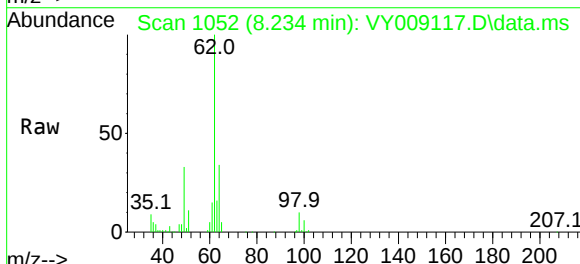
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

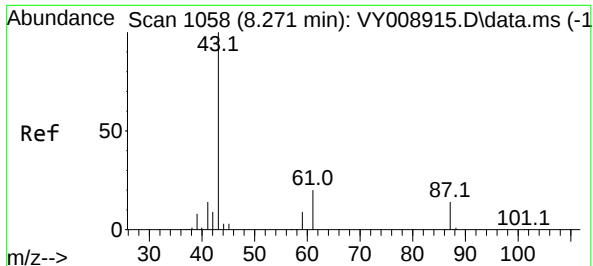
Tgt Ion: 41 Resp: 47000
Ion Ratio Lower Upper
41 100
39 28.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.347 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 62 Resp: 62765
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 45.689 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

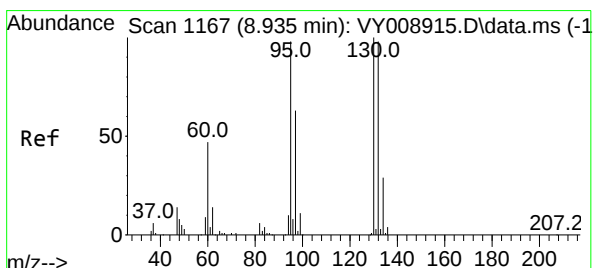
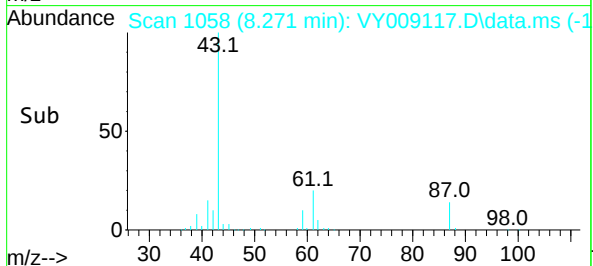
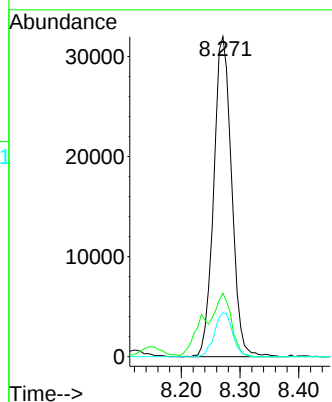
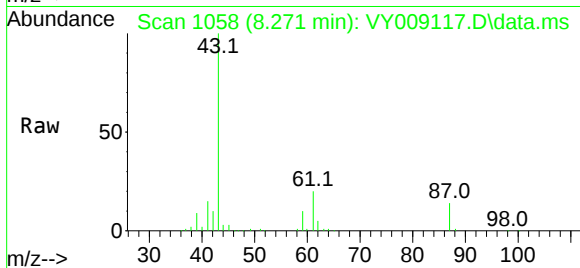
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	67564
Ion	Ratio	Lower	Upper
43	100		
61	19.1	20.2	30.2#
87	13.9	8.9	13.3#



#44

Trichloroethene

Concen: 48.482 ug/l

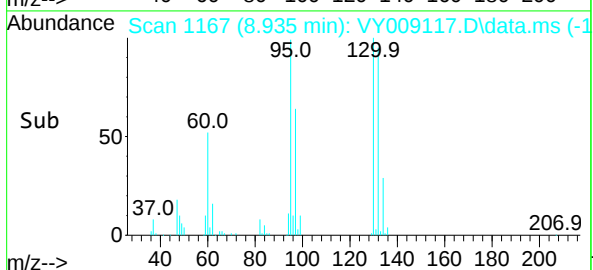
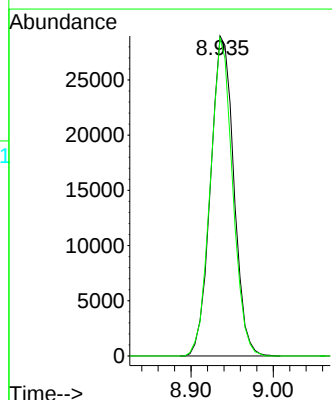
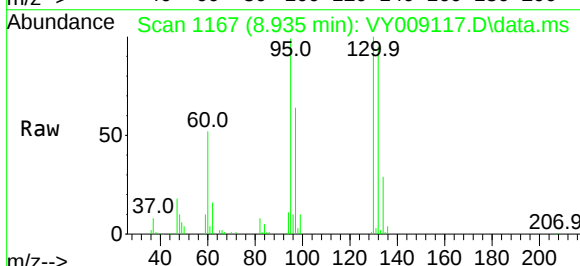
RT: 8.935 min Scan# 1167

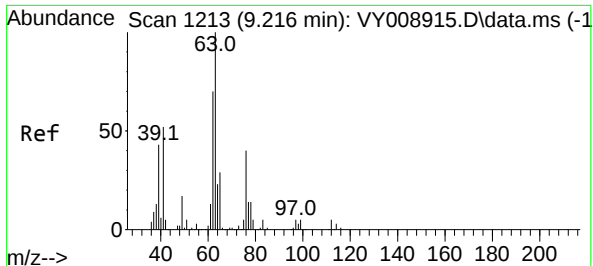
Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Tgt Ion:	130	Resp:	56754
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	188.2





#45

1,2-Dichloropropane

Concen: 49.515 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

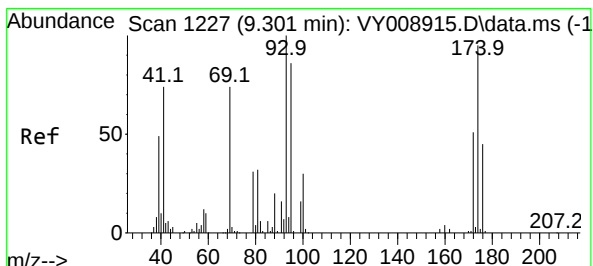
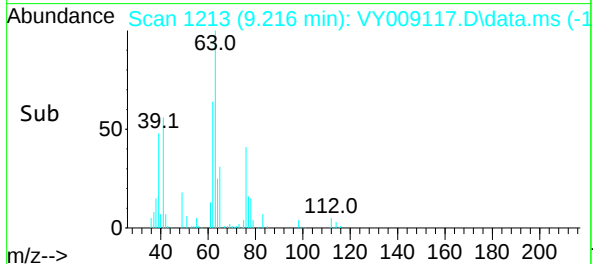
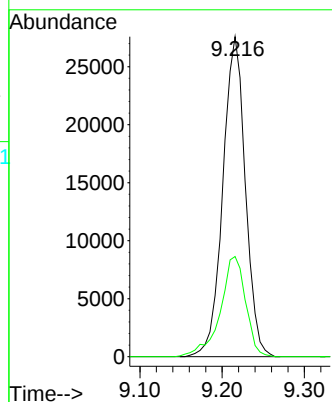
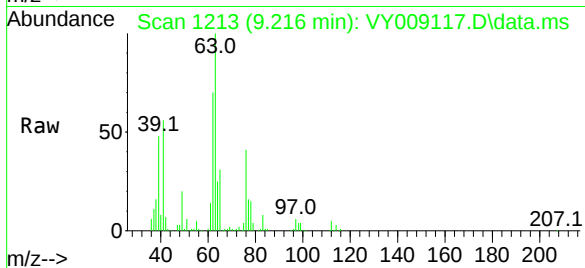
VSTDCCC050EC

Tgt Ion: 63 Resp: 52564

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 48.017 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

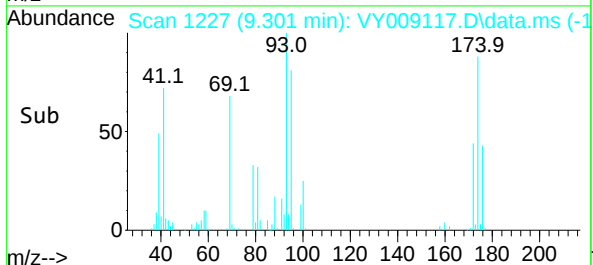
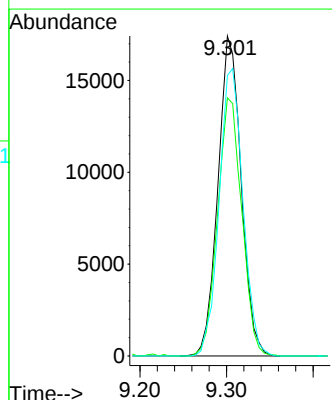
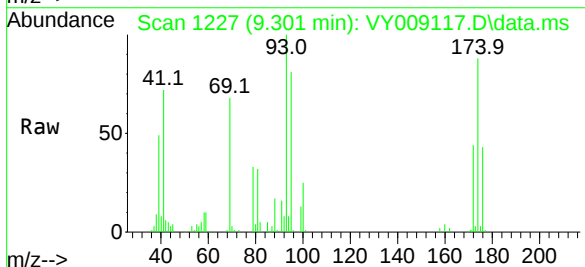
Tgt Ion: 93 Resp: 32412

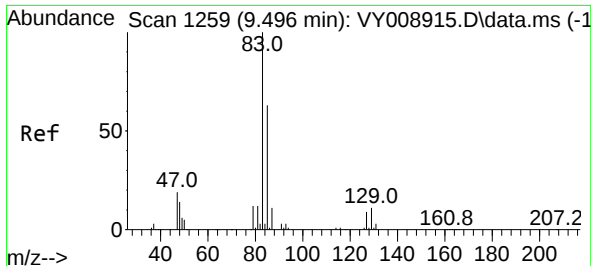
Ion Ratio Lower Upper

93 100

95 84.1 64.3 96.5

174 92.1 83.4 125.0

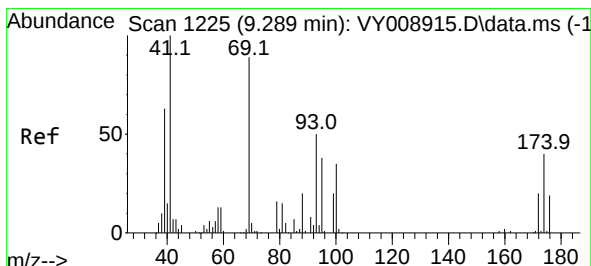
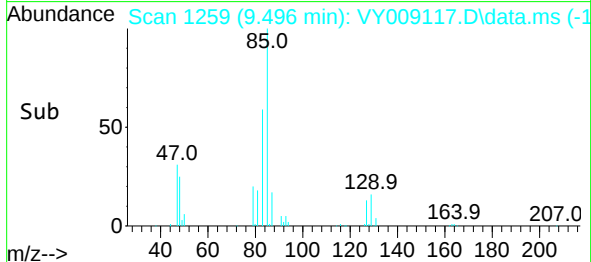
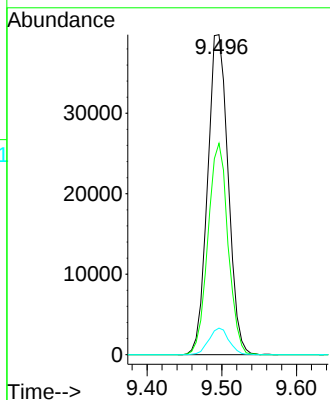
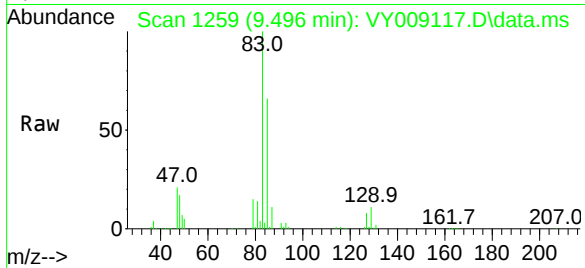




#47
Bromodichloromethane
Concen: 49.301 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

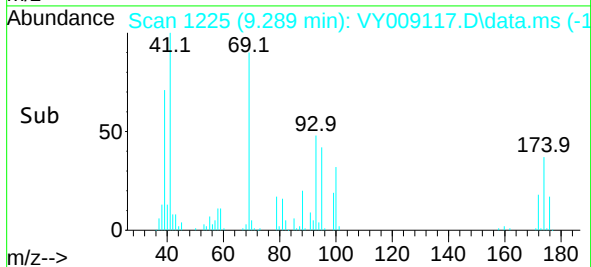
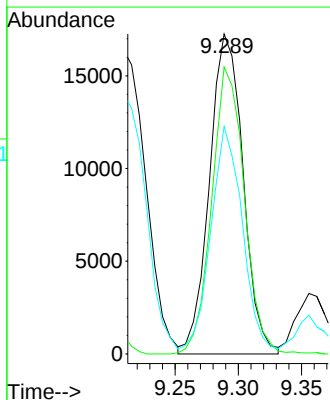
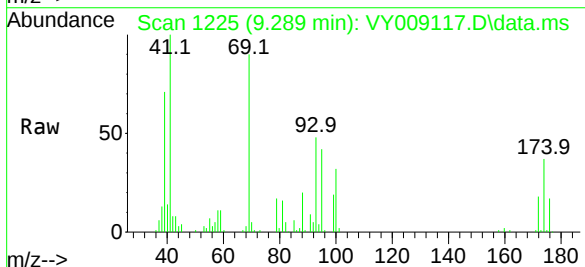
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

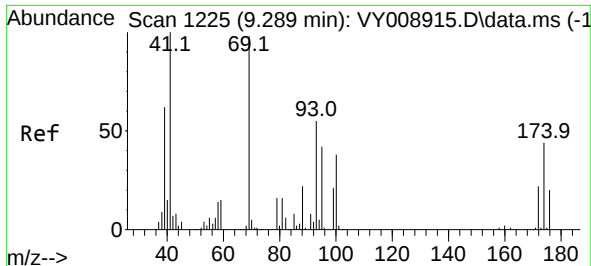
Tgt Ion: 83 Resp: 76055
Ion Ratio Lower Upper
83 100
85 66.0 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 48.221 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 41 Resp: 31841
Ion Ratio Lower Upper
41 100
69 86.9 58.2 87.2
39 64.7 47.4 71.0





#49

1,4-Dioxane

Concen: 832.620 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

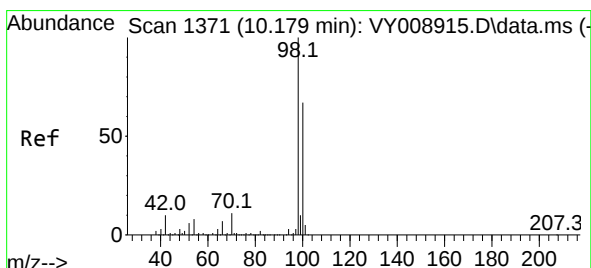
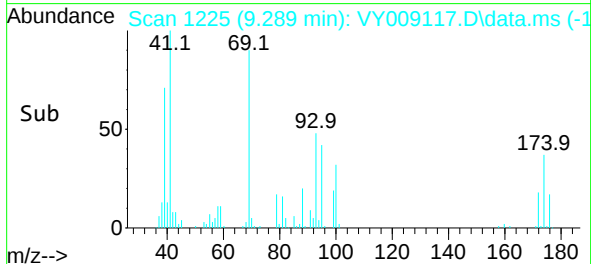
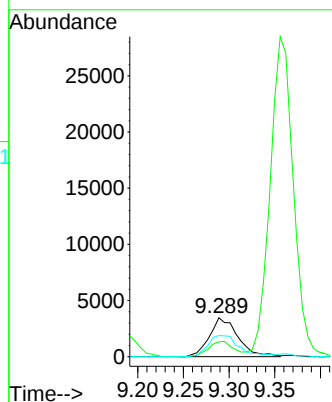
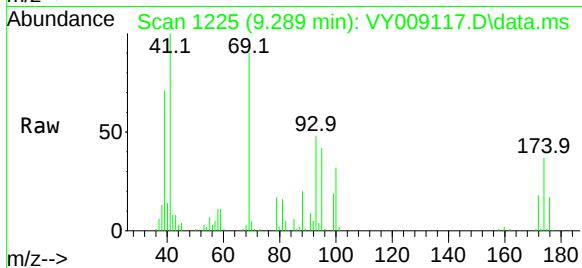
Tgt Ion: 88 Resp: 7513

Ion Ratio Lower Upper

88 100

43 34.1 32.8 49.2

58 60.4 59.8 89.6



#50

Toluene-d8

Concen: 47.769 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009117.D

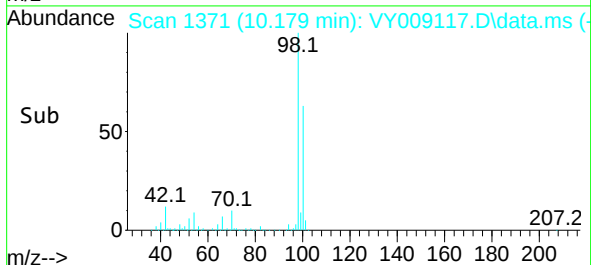
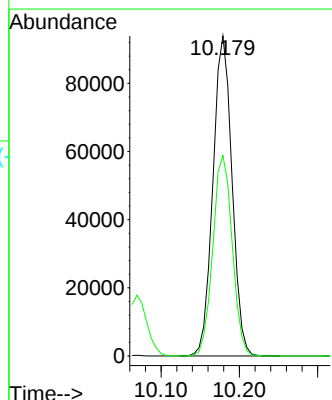
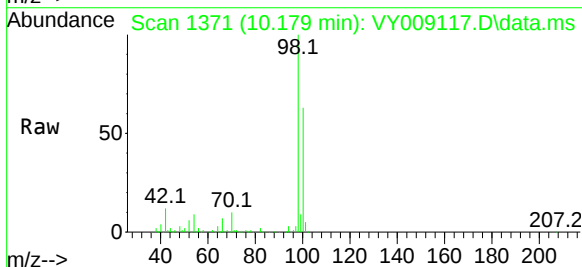
Acq: 26 May 2022 15:44

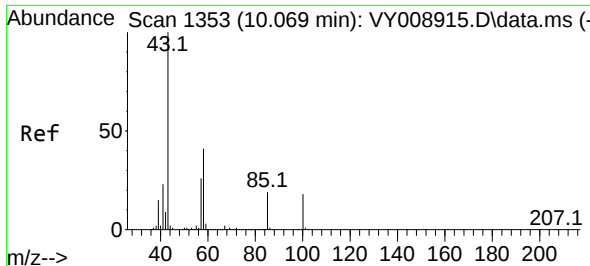
Tgt Ion: 98 Resp: 158766

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2

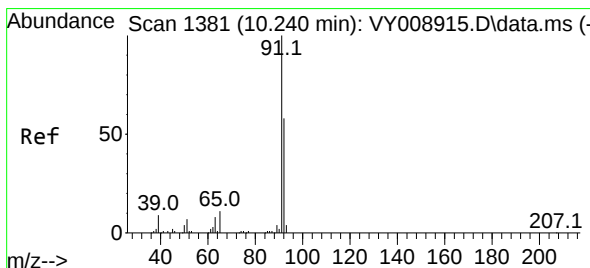
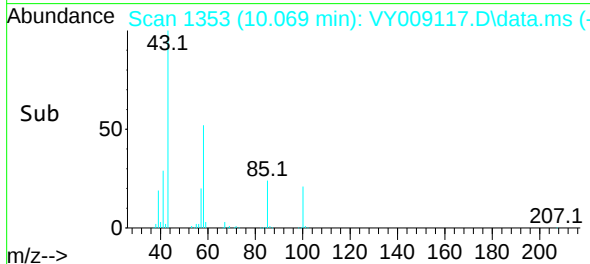
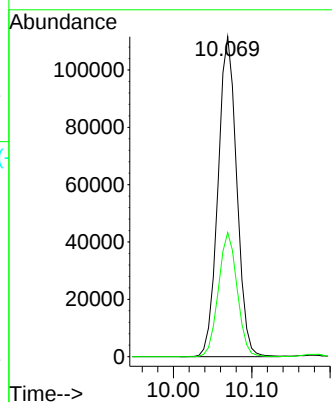
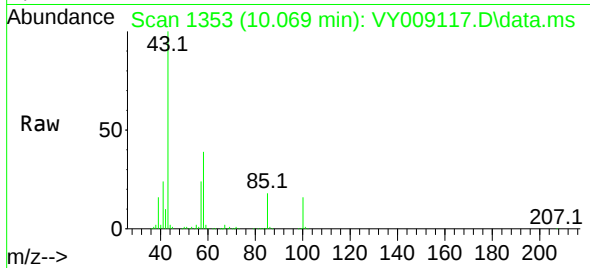




#51
4-Methyl-2-Pentanone
Concen: 226.976 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

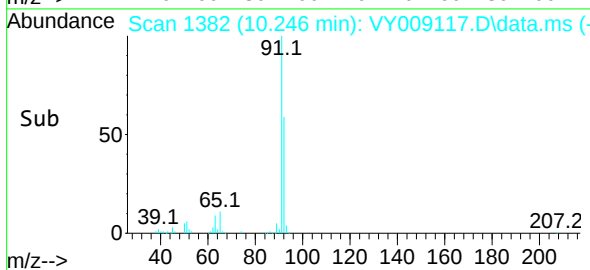
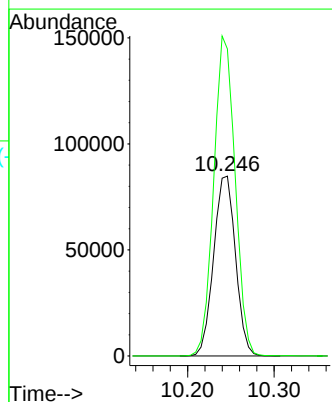
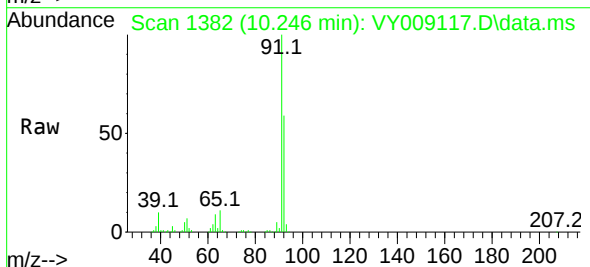
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

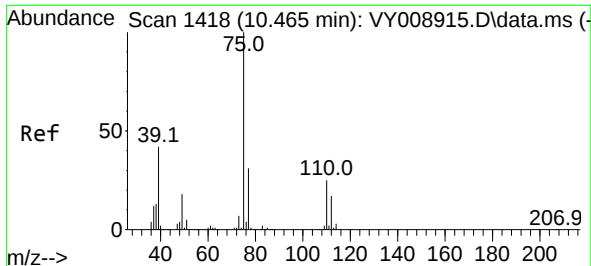
Tgt Ion: 43 Resp: 185760
Ion Ratio Lower Upper
43 100
58 38.7 28.1 42.1



#52
Toluene
Concen: 48.177 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 92 Resp: 148851
Ion Ratio Lower Upper
92 100
91 174.0 142.6 213.8

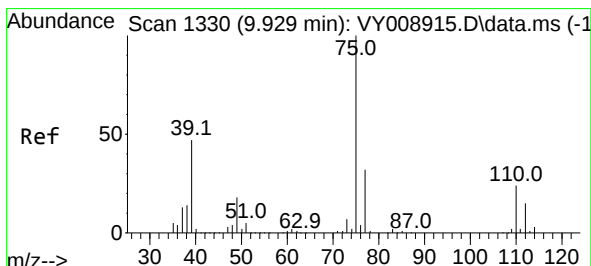
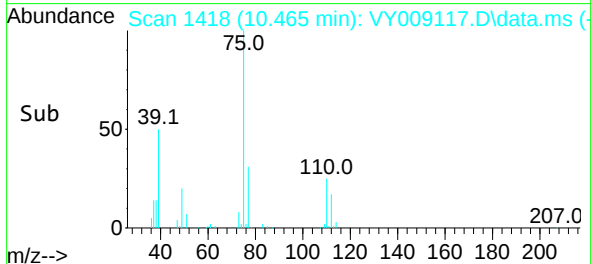
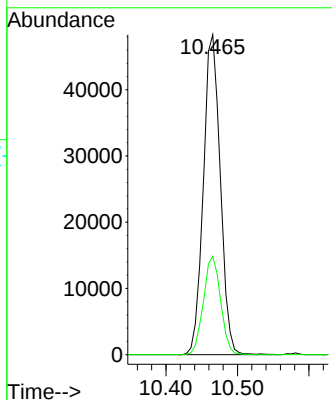
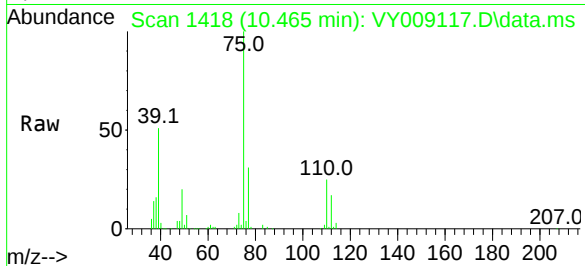




#53
t-1,3-Dichloropropene
Concen: 48.497 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

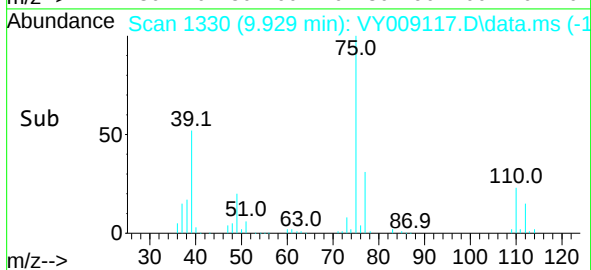
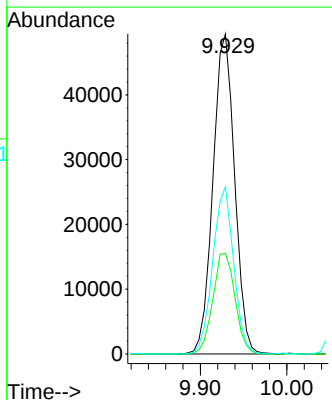
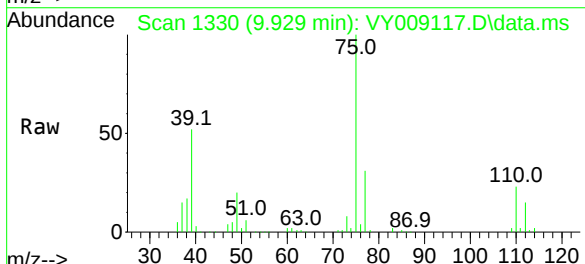
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

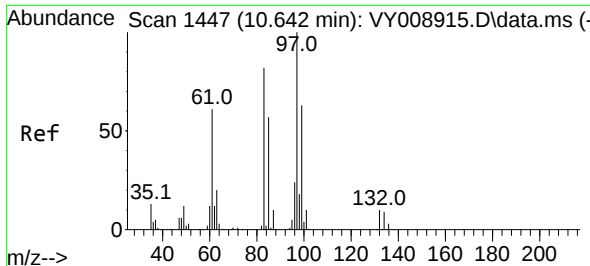
Tgt Ion: 75 Resp: 79447
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.694 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 75 Resp: 85755
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 52.2 47.6 71.4

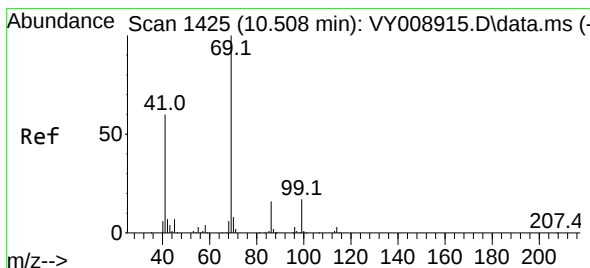
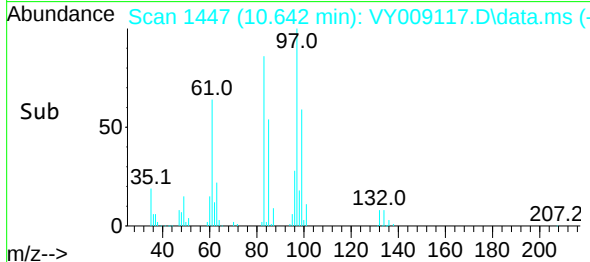
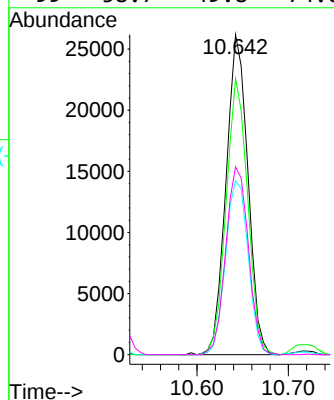
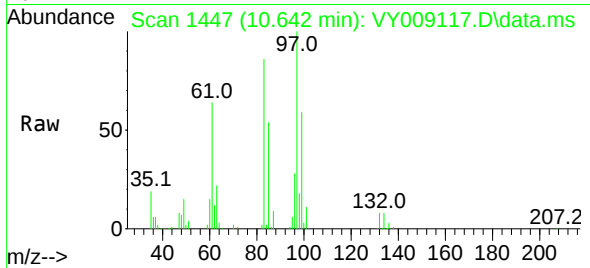




#55
1,1,2-Trichloroethane
Concen: 46.074 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

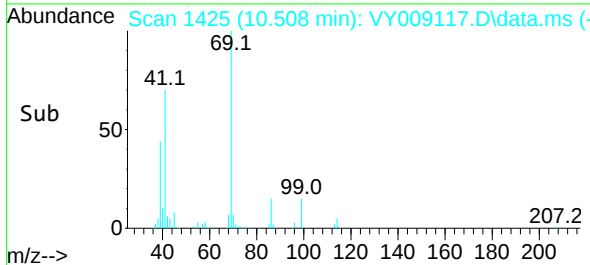
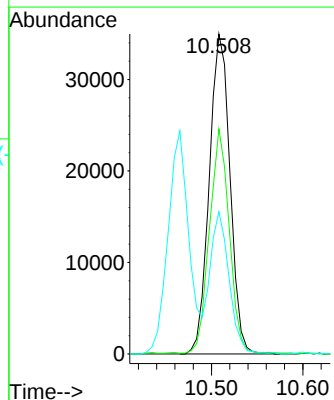
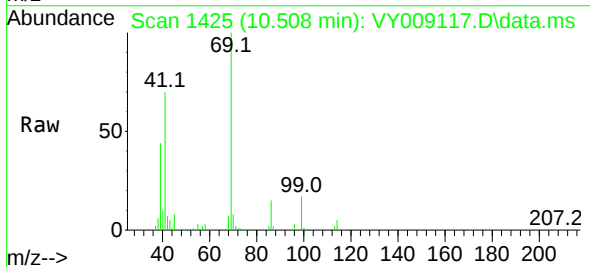
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

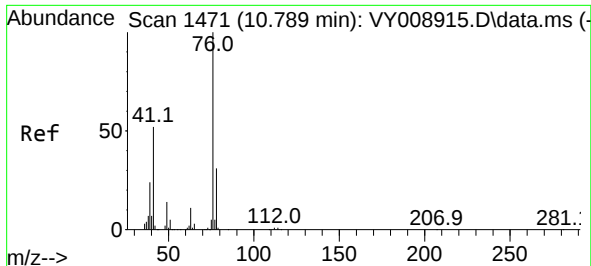
Tgt Ion: 97	Resp: 43511
Ion Ratio	Lower Upper
97 100	
83 86.3	69.8 104.8
85 54.4	44.3 66.5
99 58.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 45.620 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 69	Resp: 55080
Ion Ratio	Lower Upper
69 100	
41 66.8	63.4 95.0
39 40.6	35.8 53.8





#57

1,3-Dichloropropane

Concen: 47.191 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

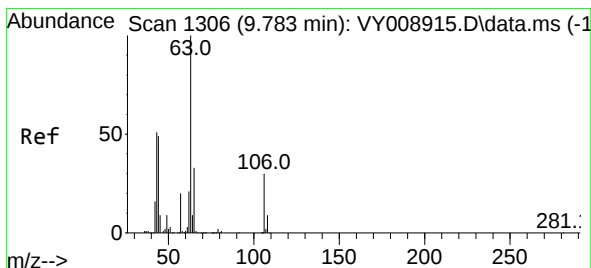
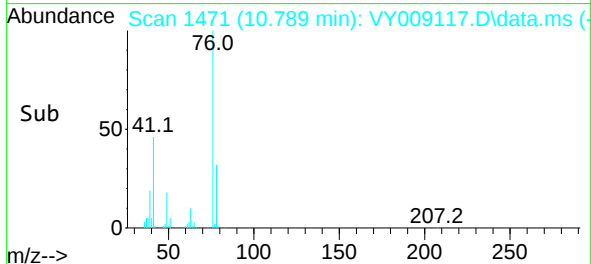
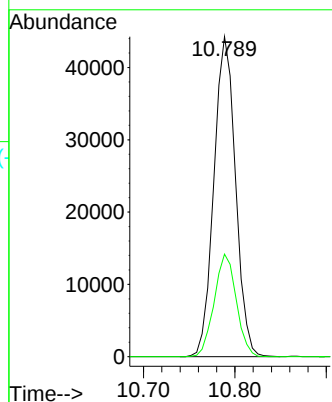
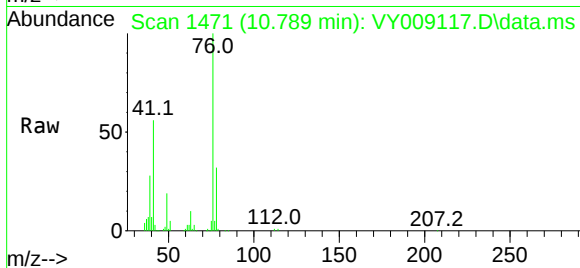
VSTDCCC050EC

Tgt Ion: 76 Resp: 72697

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 235.754 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY009117.D

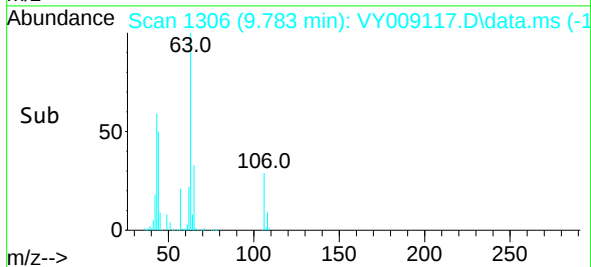
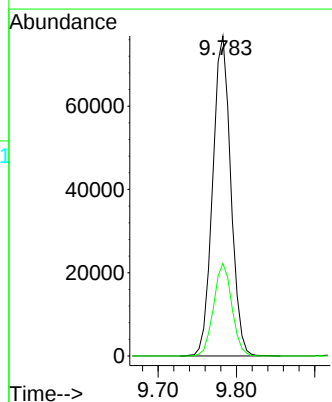
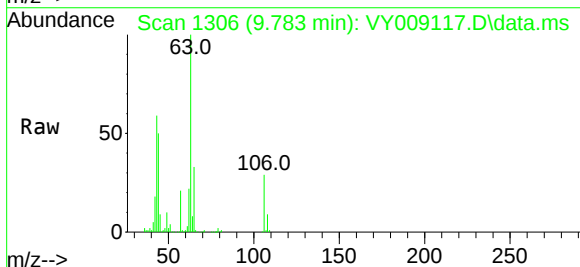
Acq: 26 May 2022 15:44

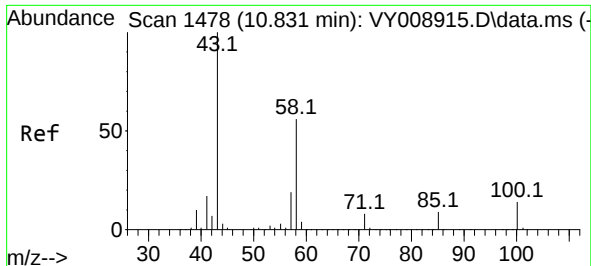
Tgt Ion: 63 Resp: 123145

Ion Ratio Lower Upper

63 100

106 29.2 21.5 32.3

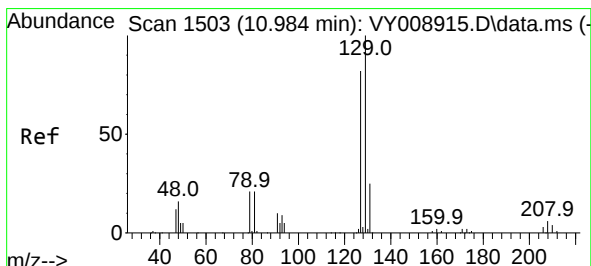
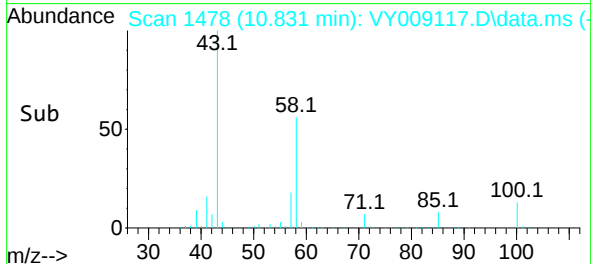
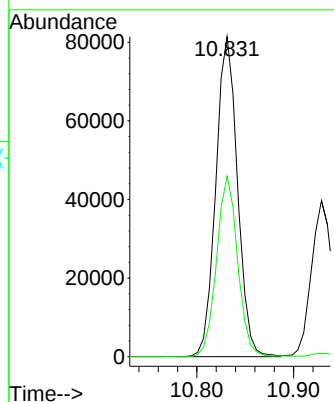
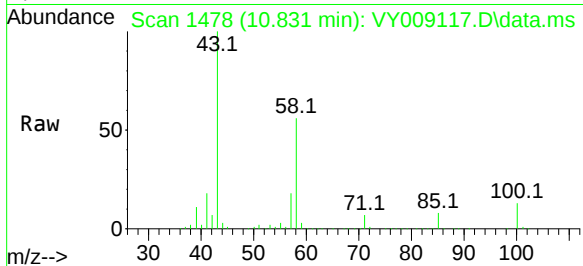




#59
2-Hexanone
Concen: 225.437 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

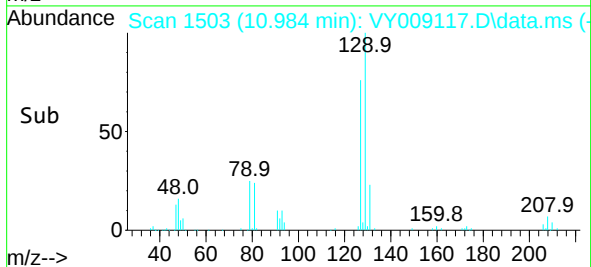
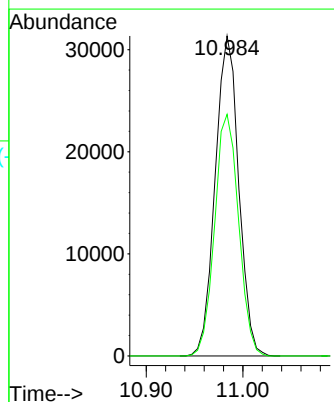
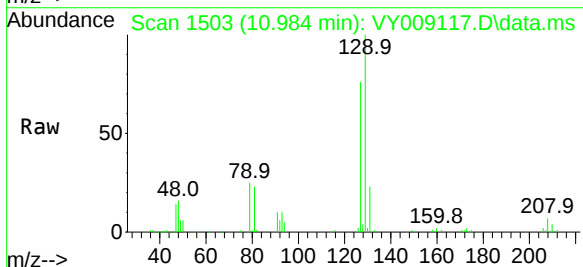
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

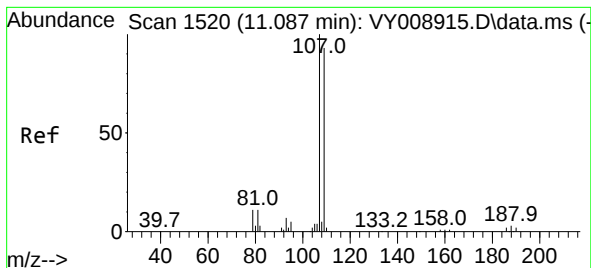
Tgt Ion: 43 Resp: 126322
Ion Ratio Lower Upper
43 100
58 55.0 24.4 73.4



#60
Dibromochloromethane
Concen: 46.216 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion:129 Resp: 52907
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

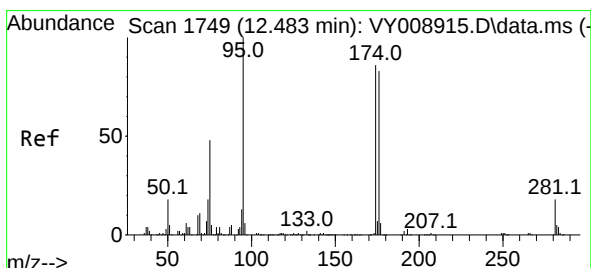
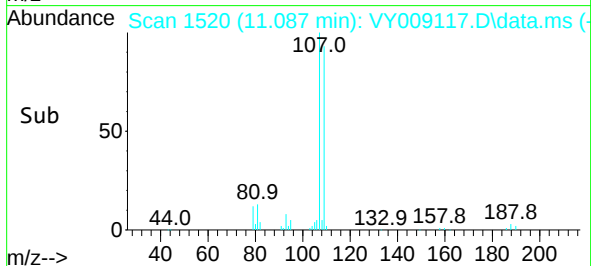
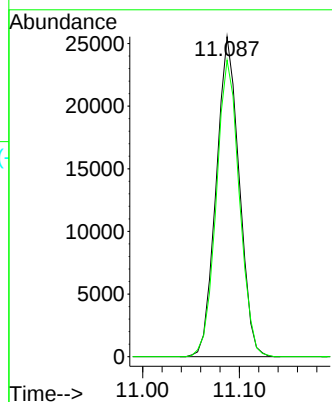
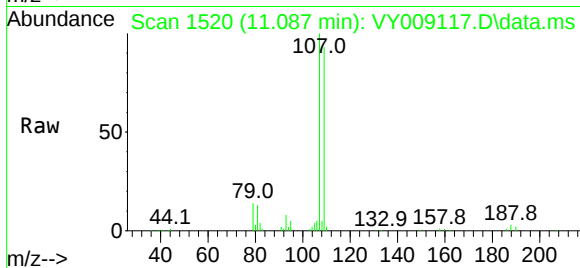




#61
1,2-Dibromoethane
Concen: 44.904 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

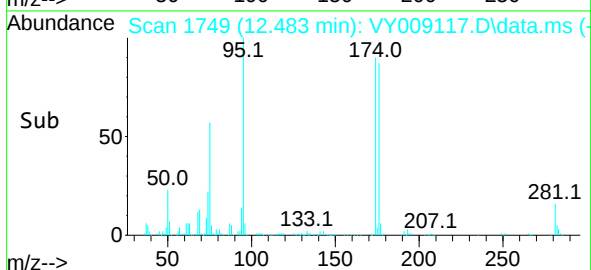
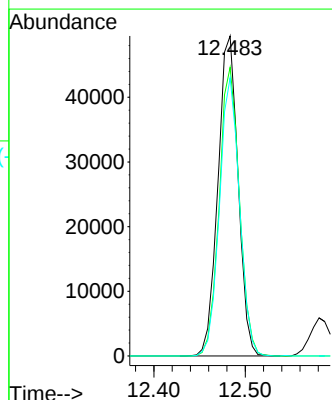
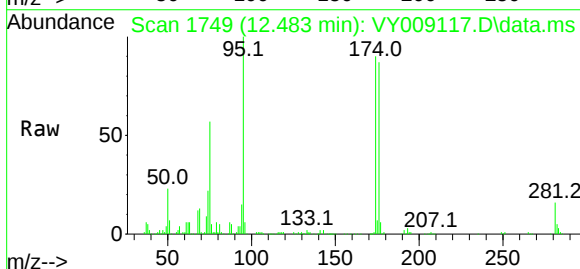
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

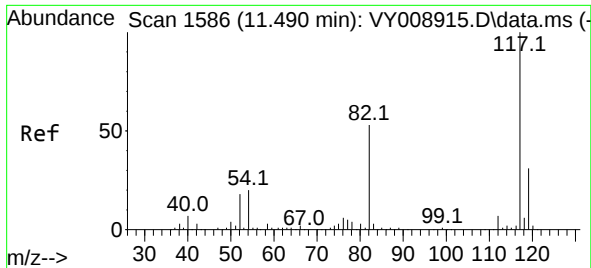
Tgt Ion:107 Resp: 42021
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 95 Resp: 75683
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 86.6 0.0 175.8

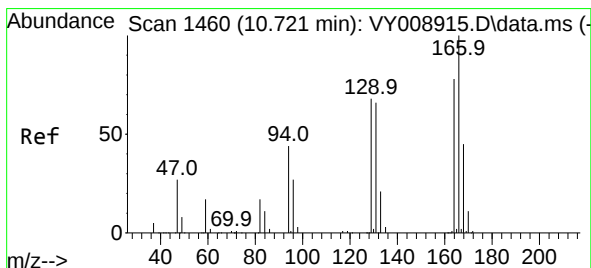
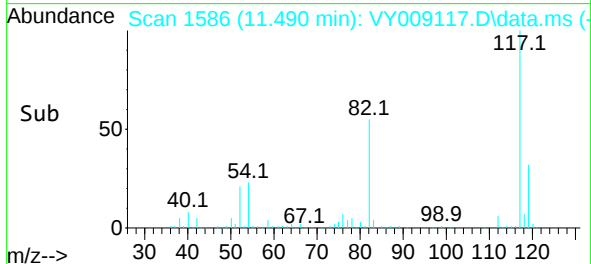
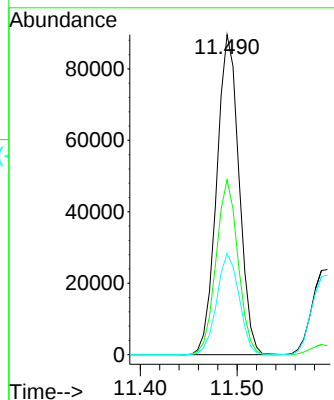
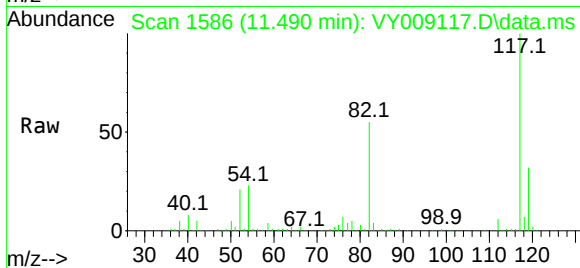




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

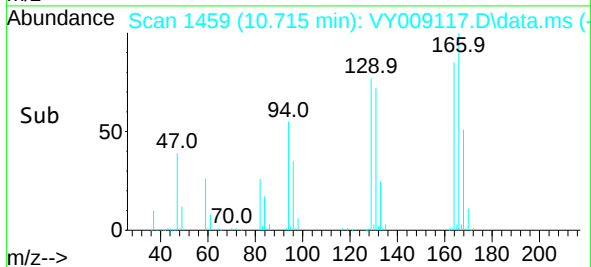
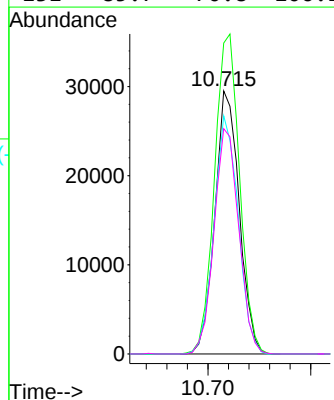
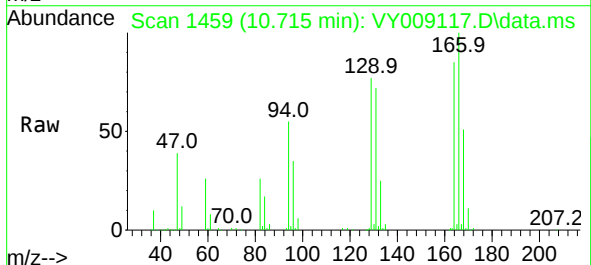
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

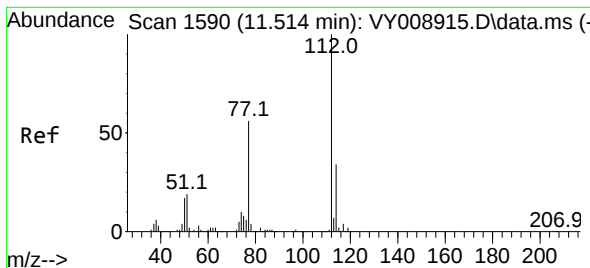
Tgt Ion:117 Resp: 143646
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 46.503 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion:164 Resp: 48621
Ion Ratio Lower Upper
164 100
166 118.2 100.4 150.6
129 90.5 71.4 107.0
131 85.7 70.8 106.2

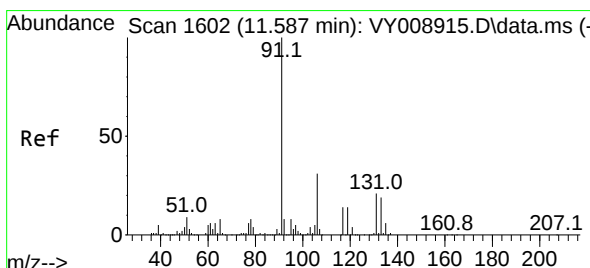
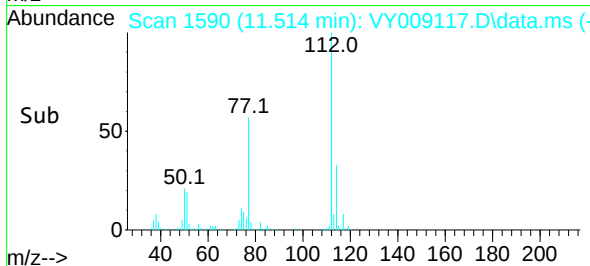
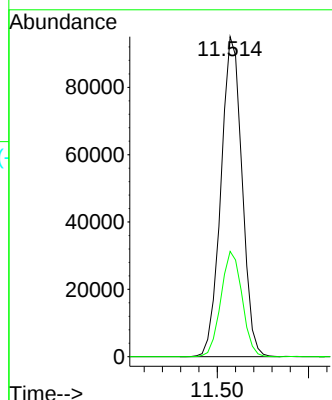
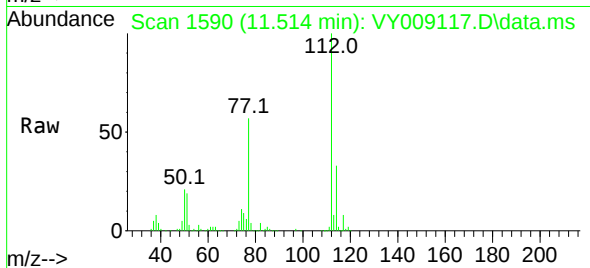




#65
Chlorobenzene
Concen: 46.255 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

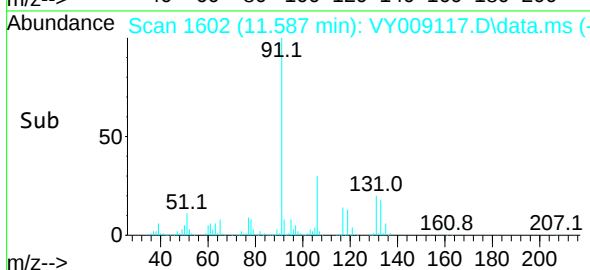
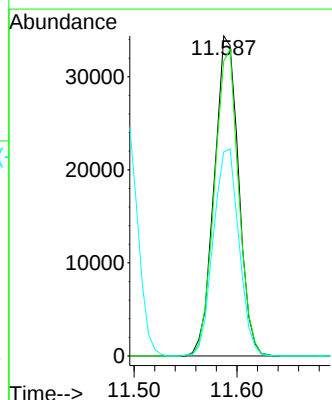
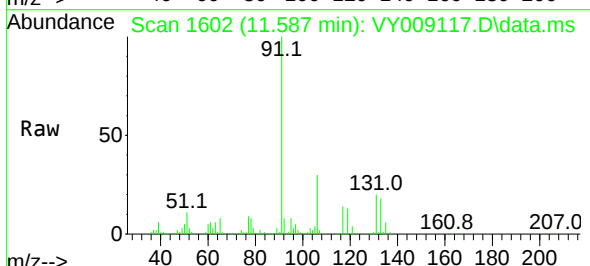
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

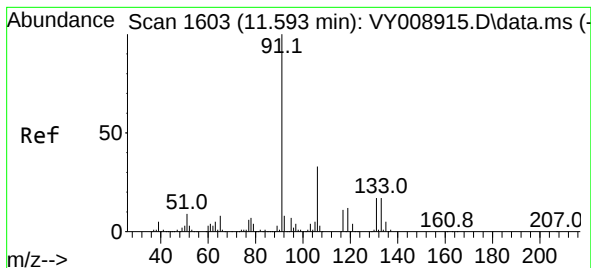
Tgt Ion:112 Resp: 152503
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.767 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion:131 Resp: 56459
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 68.2 30.8 92.3





#67

Ethyl Benzene

Concen: 49.036 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

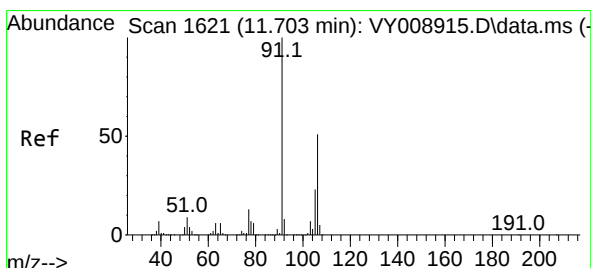
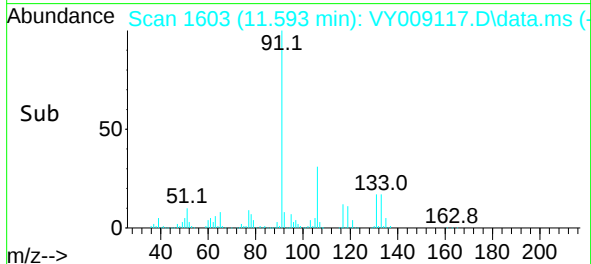
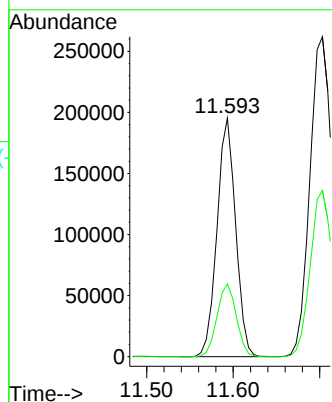
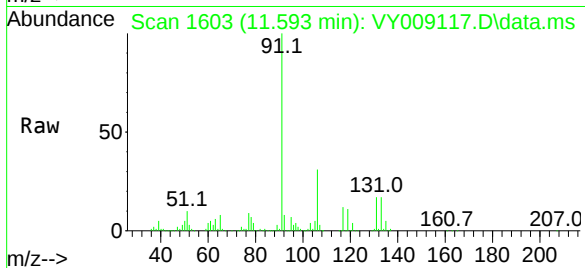
VSTDCCC050EC

Tgt Ion: 91 Resp: 291356

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 100.885 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY009117.D

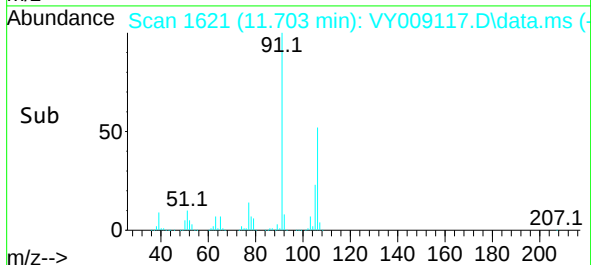
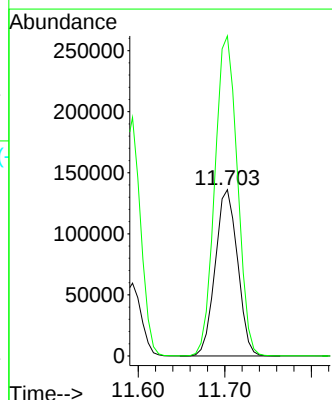
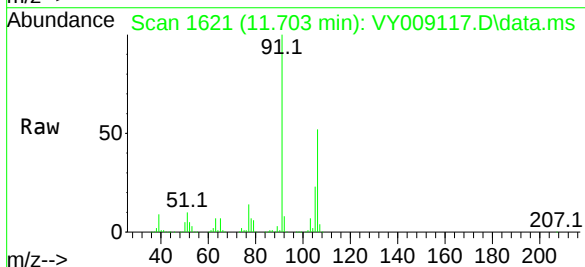
Acq: 26 May 2022 15:44

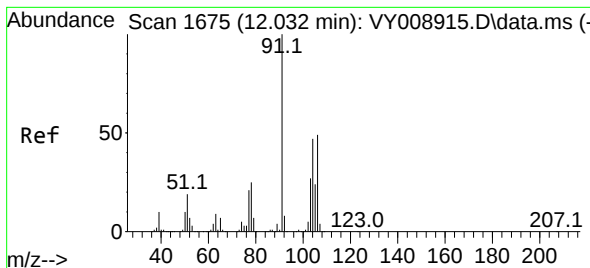
Tgt Ion:106 Resp: 243337

Ion Ratio Lower Upper

106 100

91 194.5 166.6 249.8





#69

o-Xylene

Concen: 50.280 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

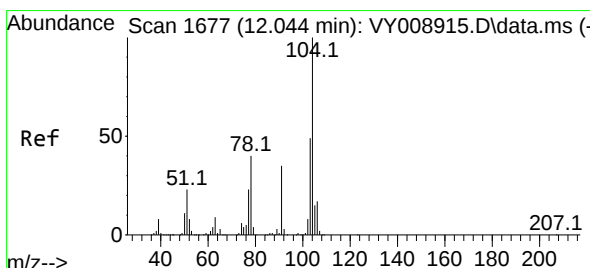
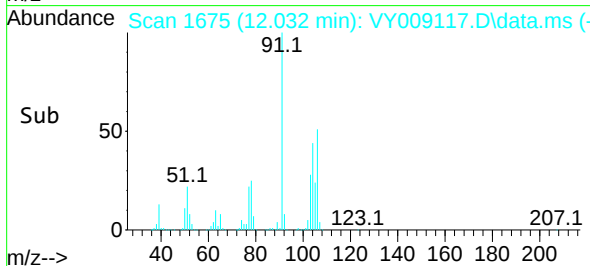
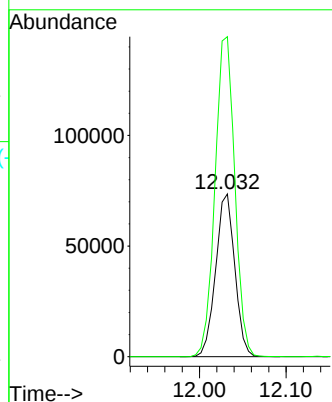
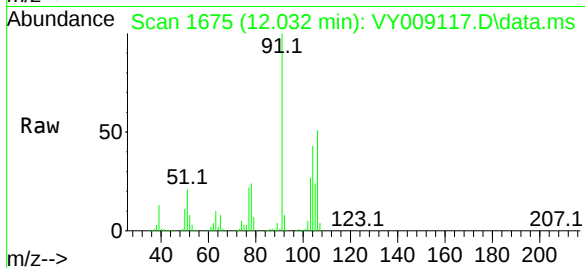
VSTDCCC050EC

Tgt Ion:106 Resp: 112621

Ion Ratio Lower Upper

106 100

91 203.5 110.3 331.0



#70

Styrene

Concen: 50.485 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

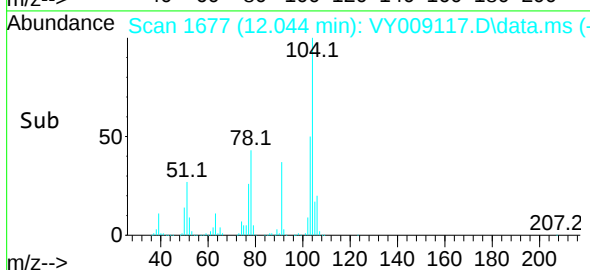
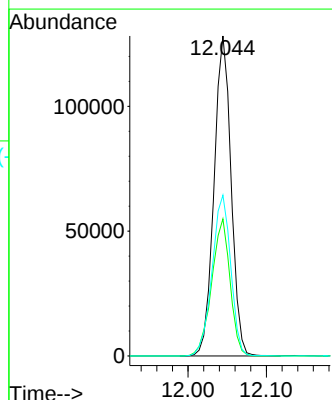
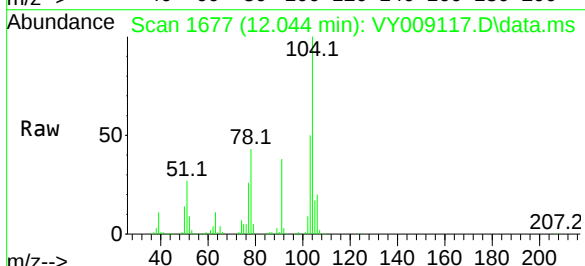
Tgt Ion:104 Resp: 194465

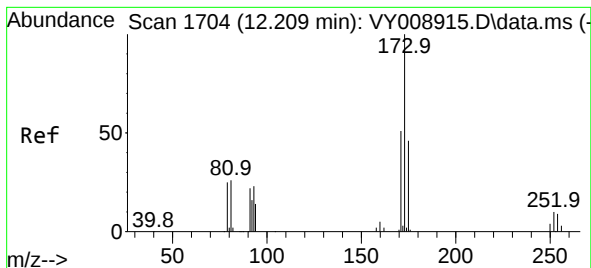
Ion Ratio Lower Upper

104 100

78 46.0 42.4 63.6

103 54.8 44.4 66.6





#71

Bromoform

Concen: 43.819 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

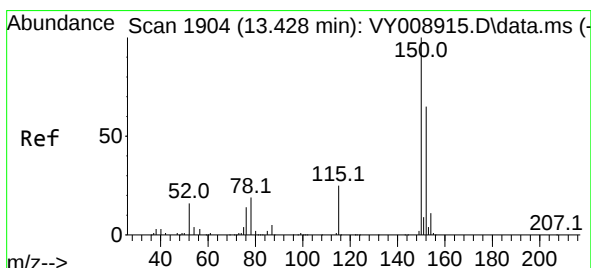
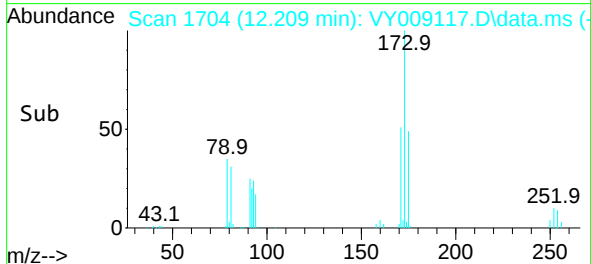
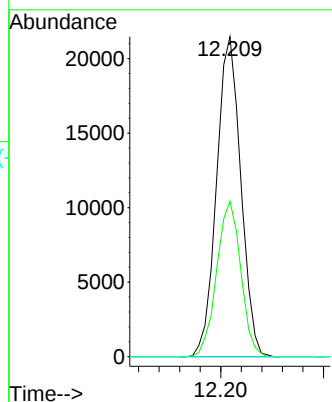
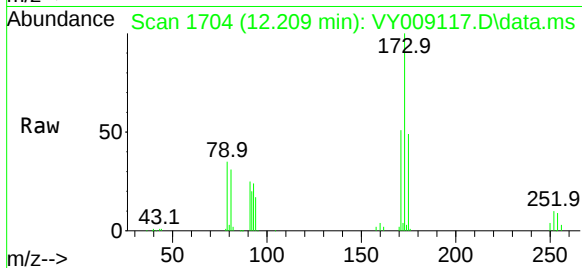
Tgt Ion:173 Resp: 35068

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

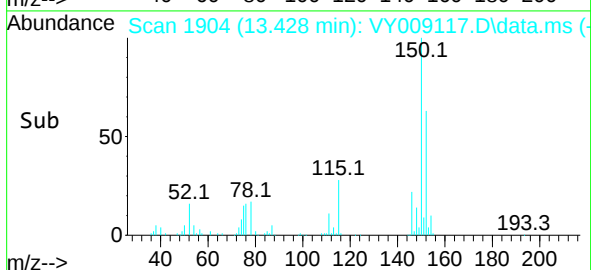
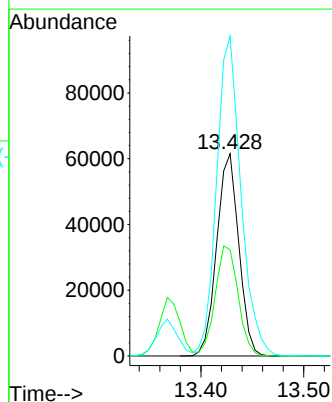
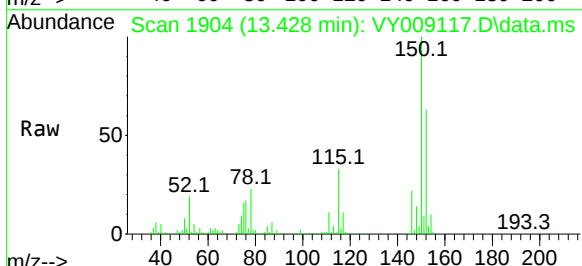
Tgt Ion:152 Resp: 91628

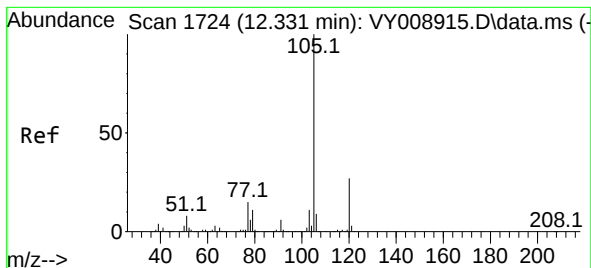
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 174.4 0.0 347.6





#73

Isopropylbenzene

Concen: 44.206 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

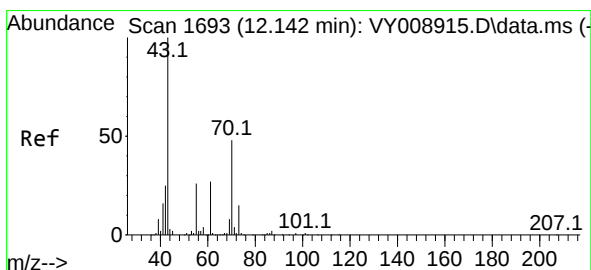
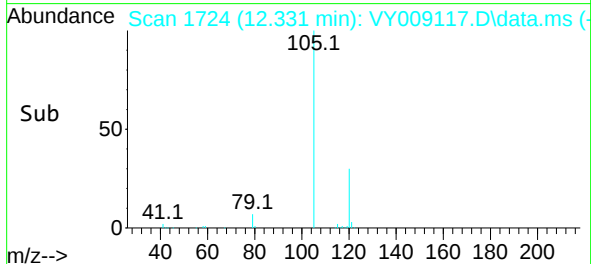
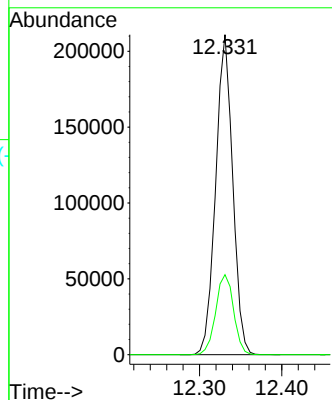
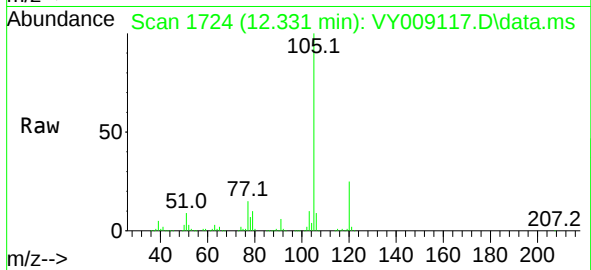
VSTDCCC050EC

Tgt Ion:105 Resp: 302877

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 46.129 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Tgt Ion: 43 Resp: 72920

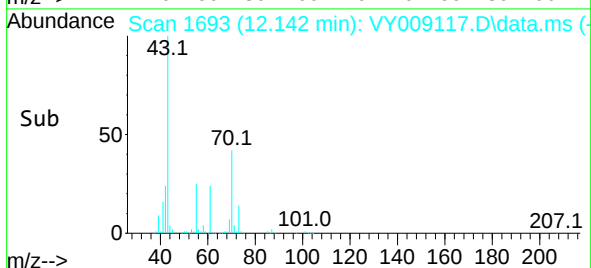
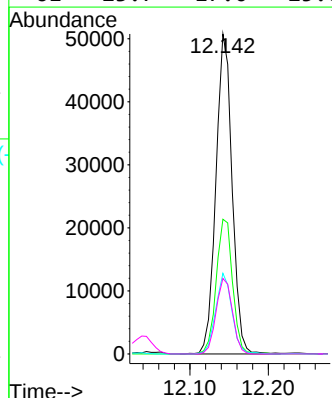
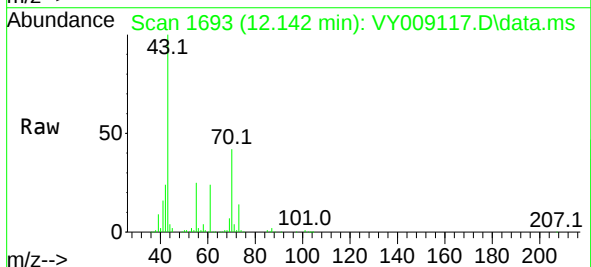
Ion Ratio Lower Upper

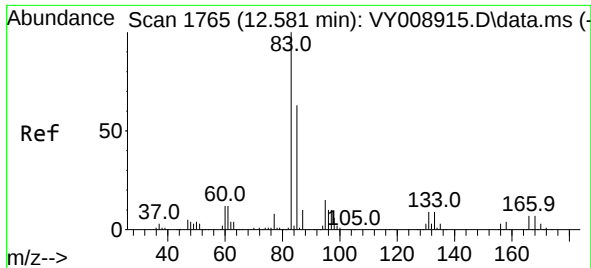
43 100

70 42.4 28.7 43.1

55 25.3 17.3 25.9

61 23.7 17.0 25.6

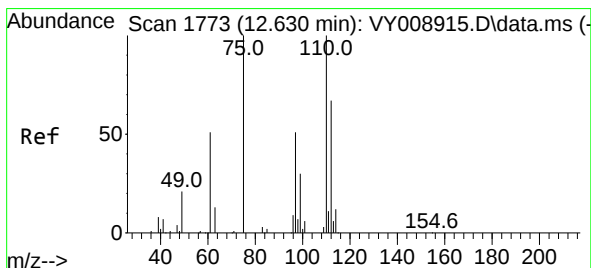
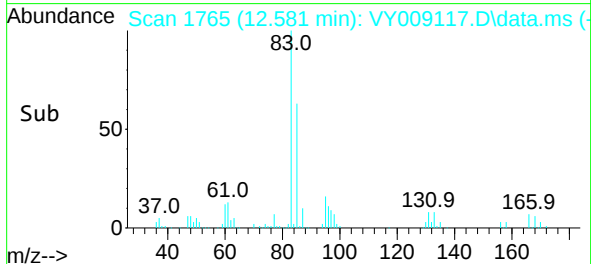
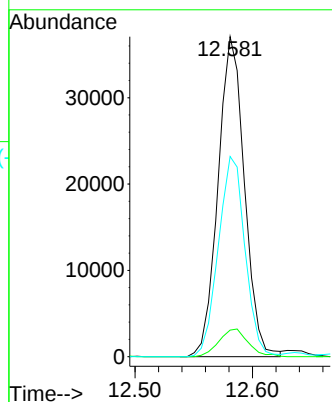
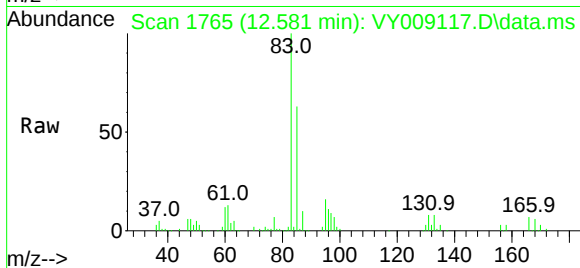




#75
1,1,2,2-Tetrachloroethane
Concen: 41.013 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

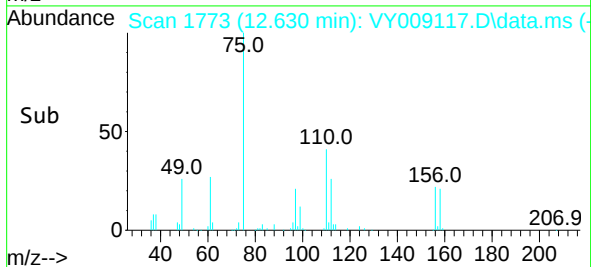
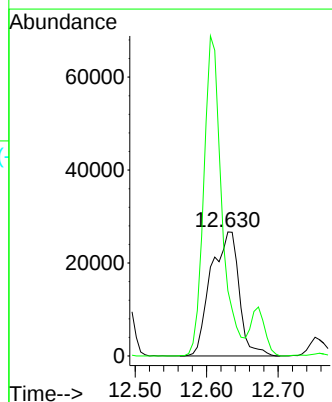
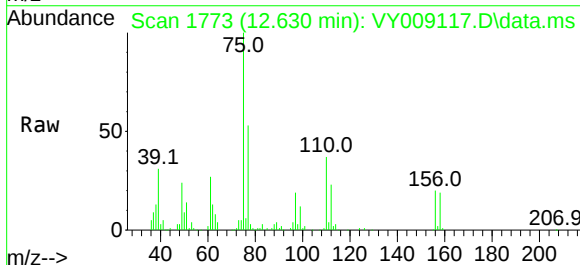
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

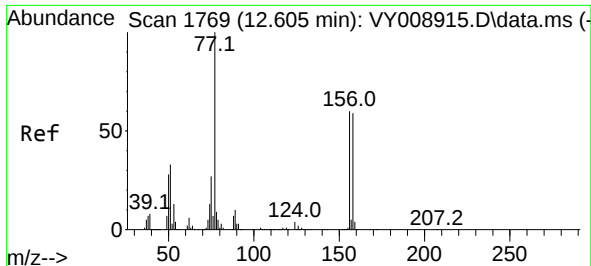
Tgt Ion: 83 Resp: 57885
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 63.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 74.399 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 75 Resp: 73207
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

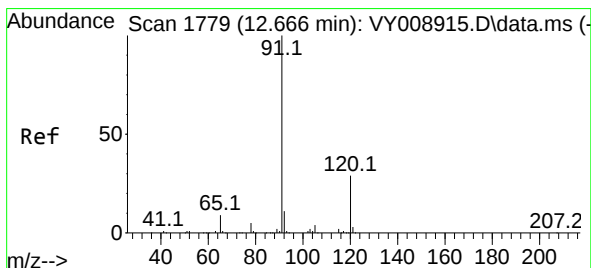
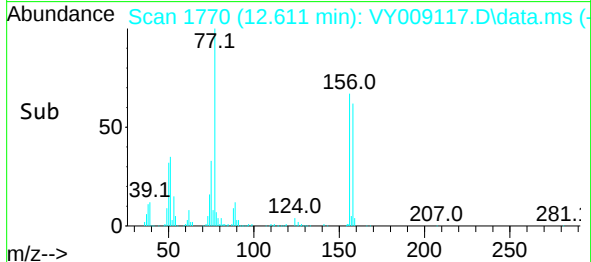
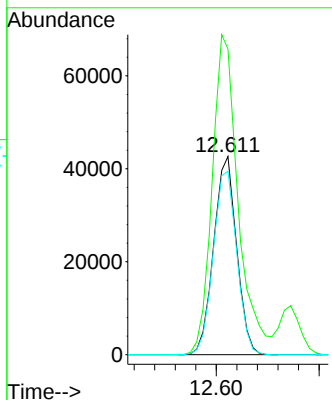
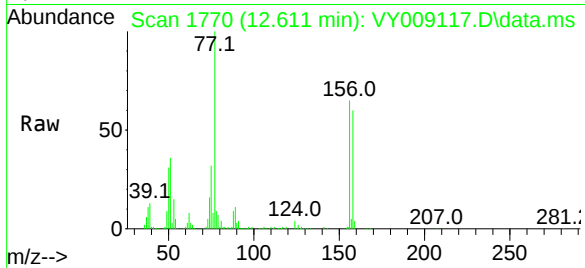




#77
Bromobenzene
Concen: 41.516 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

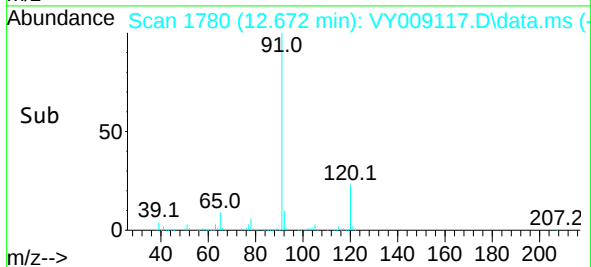
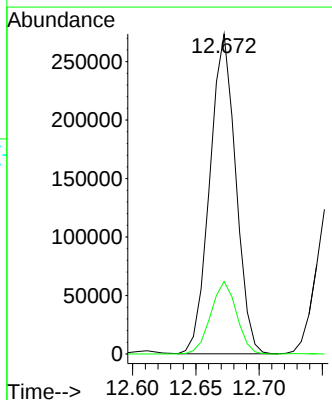
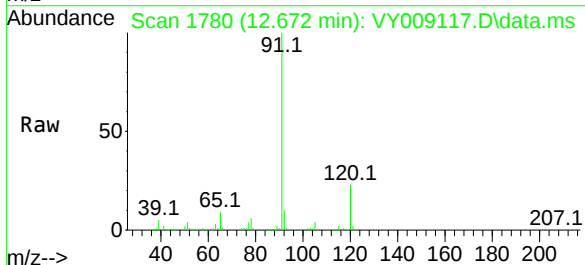
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

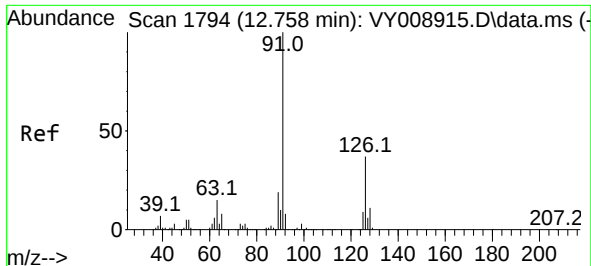
Tgt Ion:156 Resp: 65936
Ion Ratio Lower Upper
156 100
77 183.7 95.5 286.4
158 95.2 48.0 144.0



#78
n-propylbenzene
Concen: 49.364 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 91 Resp: 390756
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9

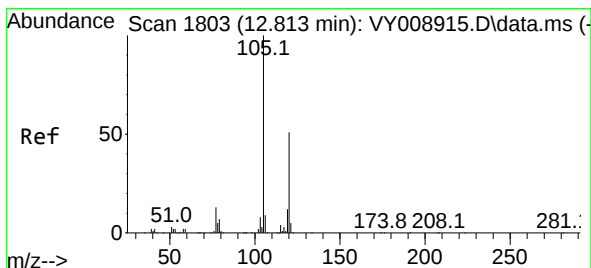
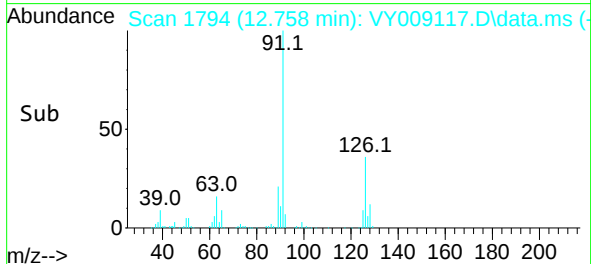
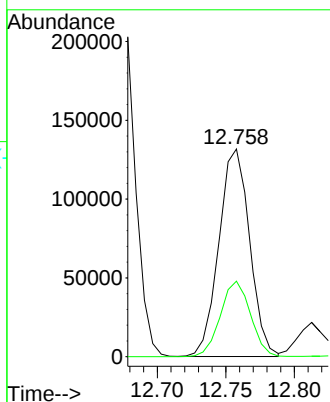
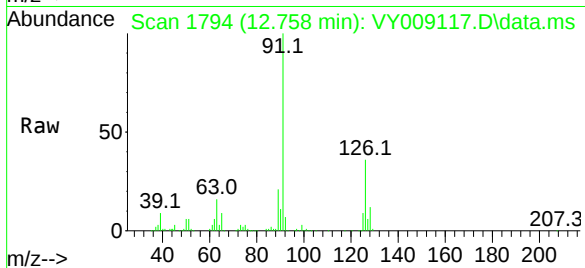




#79
2-Chlorotoluene
Concen: 45.096 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

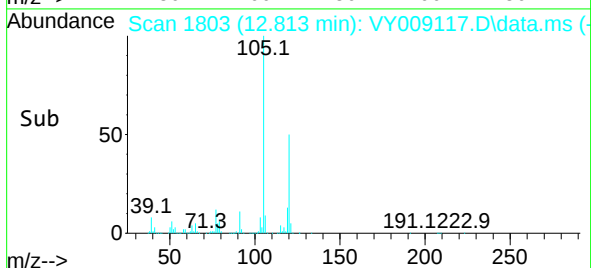
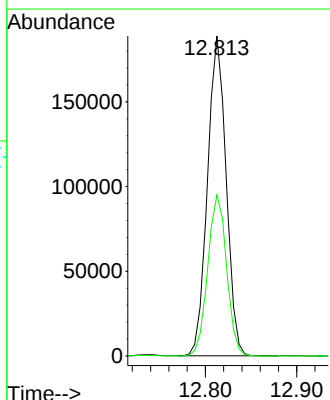
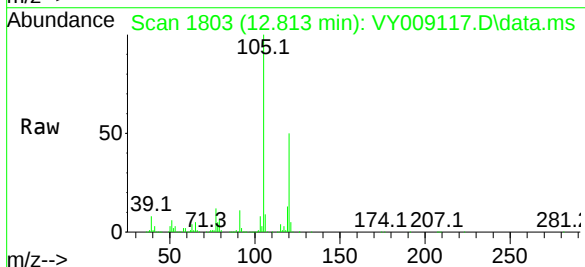
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

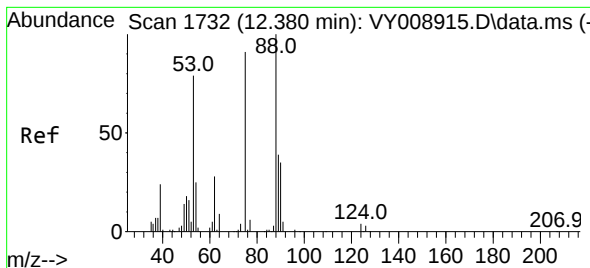
Tgt Ion: 91 Resp: 205907
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.452 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 105 Resp: 266761
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

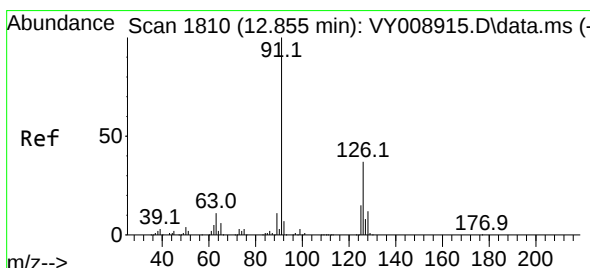
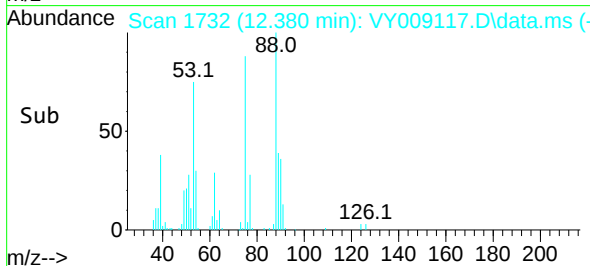
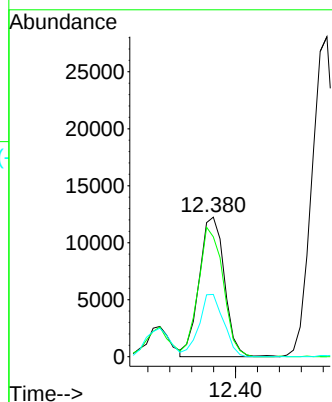
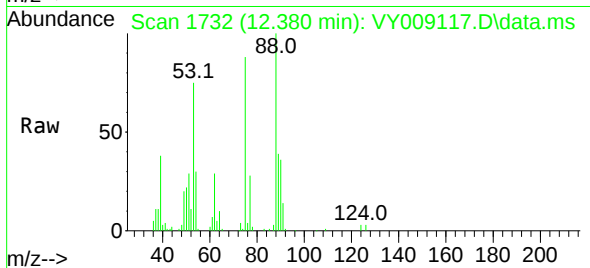




#81
trans-1,4-Dichloro-2-butene
Concen: 40.870 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

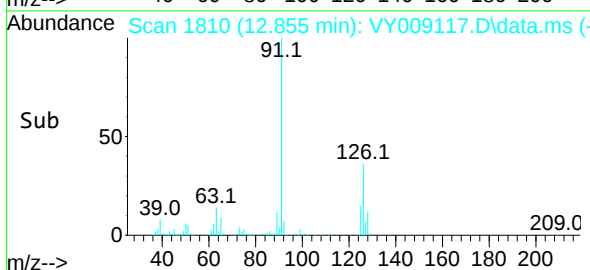
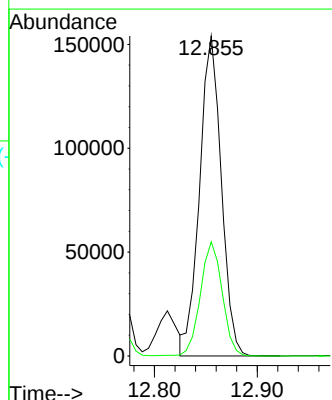
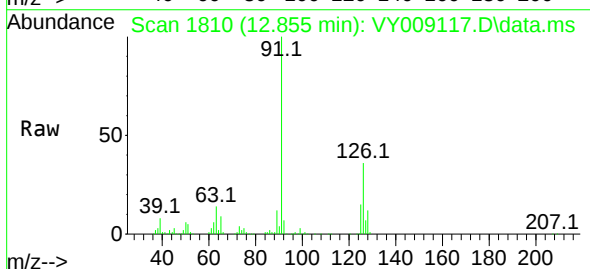
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

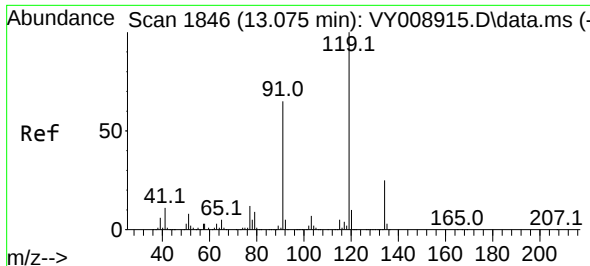
Tgt Ion: 75 Resp: 19593
Ion Ratio Lower Upper
75 100
53 91.3 85.3 127.9
89 43.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.318 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 91 Resp: 226202
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0

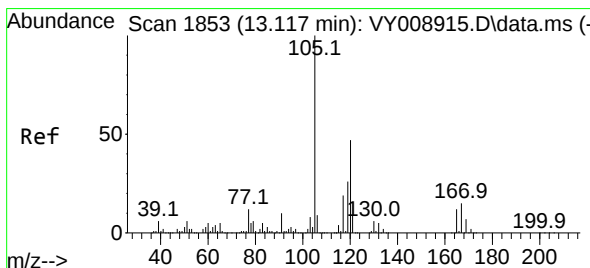
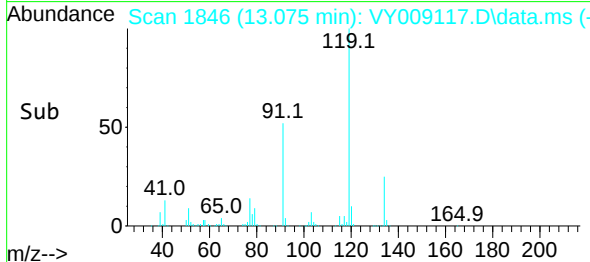
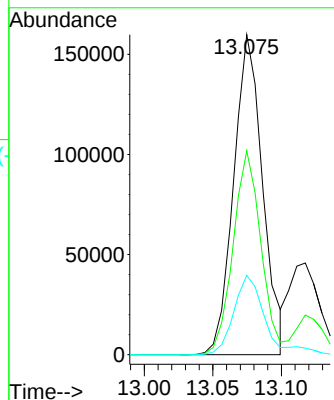
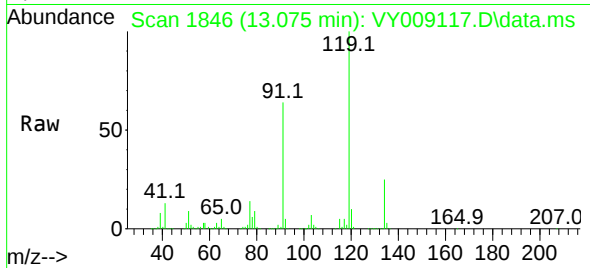




#83
 tert-Butylbenzene
 Concen: 46.235 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY009117.D
 Acq: 26 May 2022 15:44

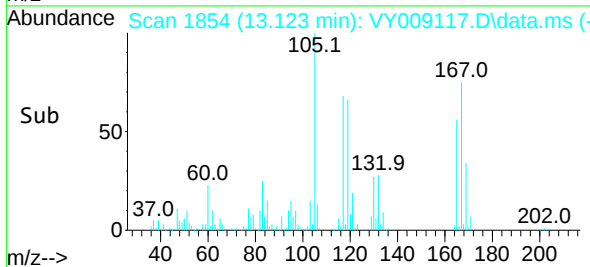
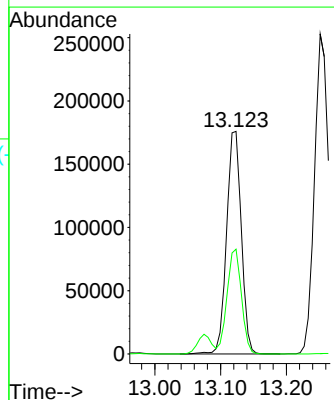
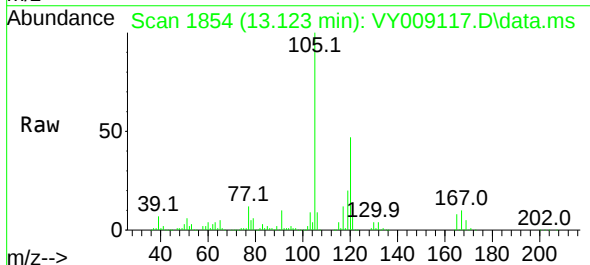
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

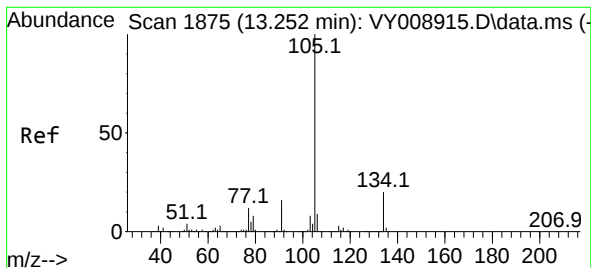
Tgt Ion:119 Resp: 235561
 Ion Ratio Lower Upper
 119 100
 91 60.8 34.8 104.4
 134 26.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.082 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY009117.D
 Acq: 26 May 2022 15:44

Tgt Ion:105 Resp: 274107
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.361 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

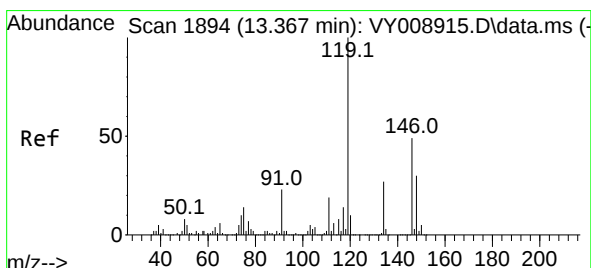
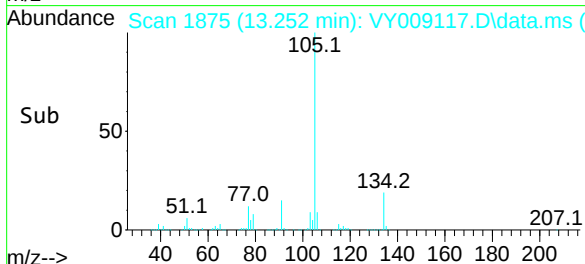
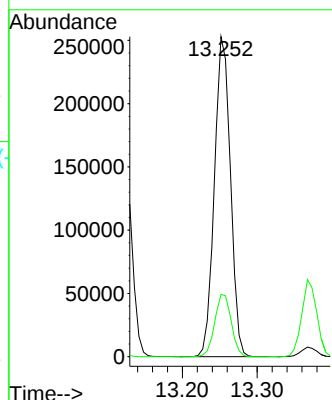
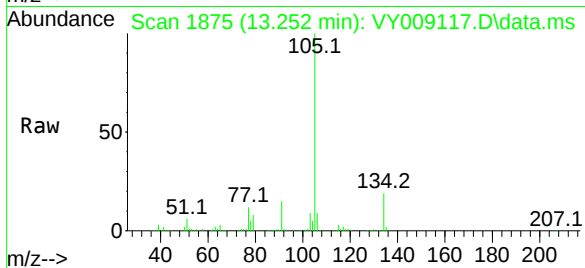
VSTDCCC050EC

Tgt Ion:105 Resp: 376980

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.110 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

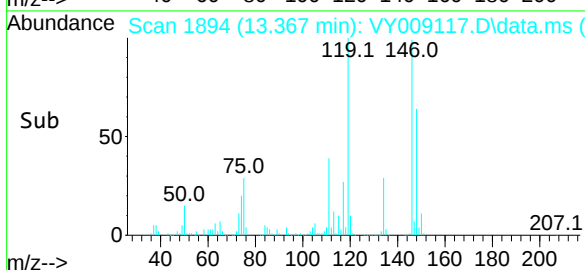
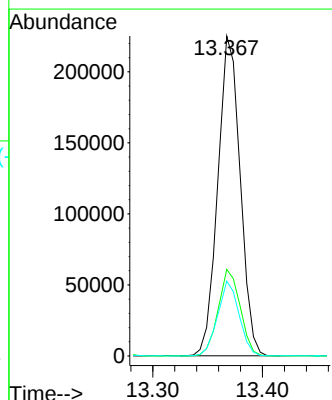
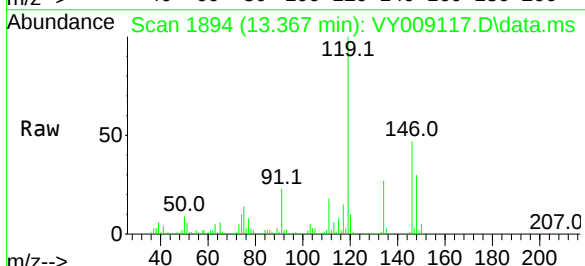
Tgt Ion:119 Resp: 319234

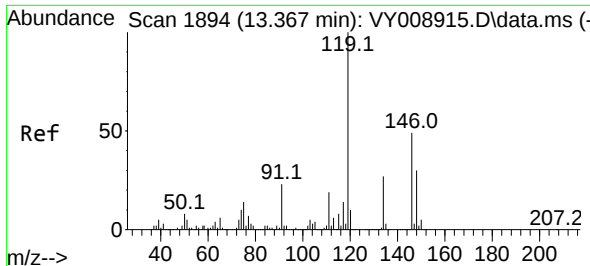
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.6 12.4 37.2

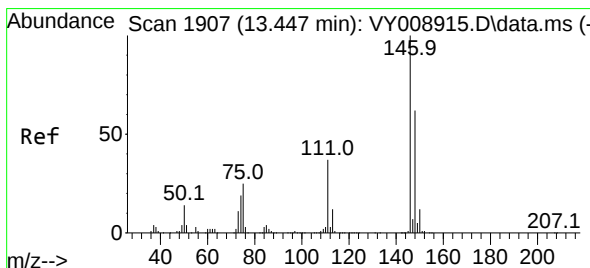
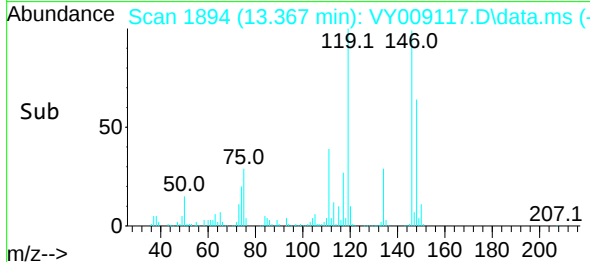
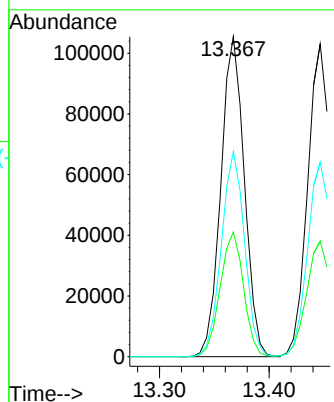
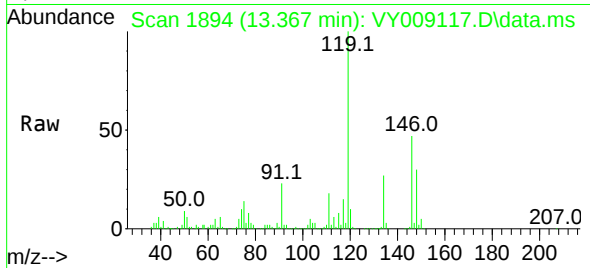




#87
1,3-Dichlorobenzene
Concen: 46.360 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

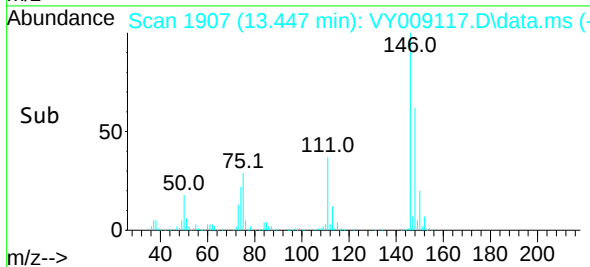
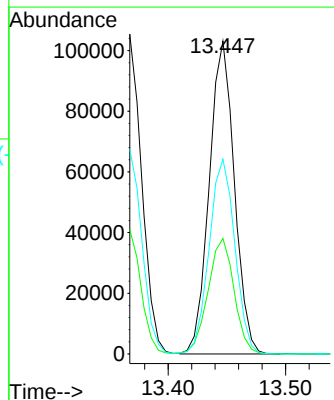
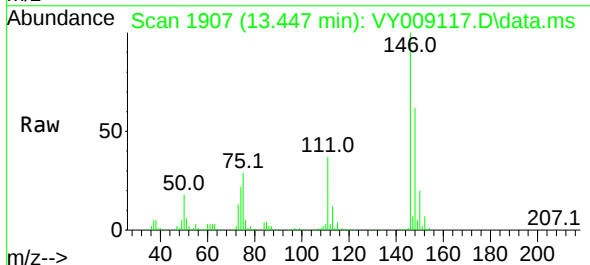
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

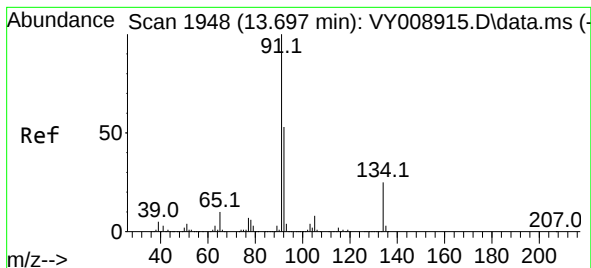
Tgt Ion:146 Resp: 157064
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.067 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion:146 Resp: 153397
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.8
148 63.8 32.6 97.8





#89

n-Butylbenzene

Concen: 49.671 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

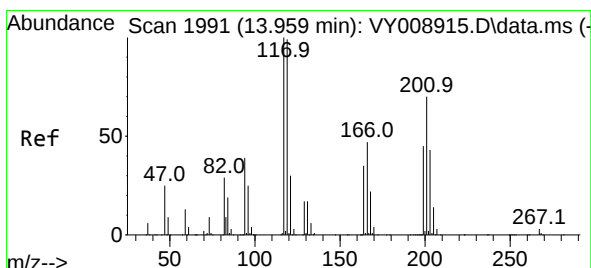
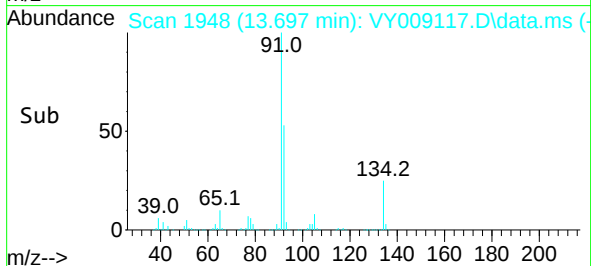
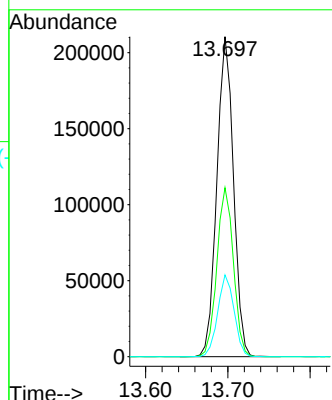
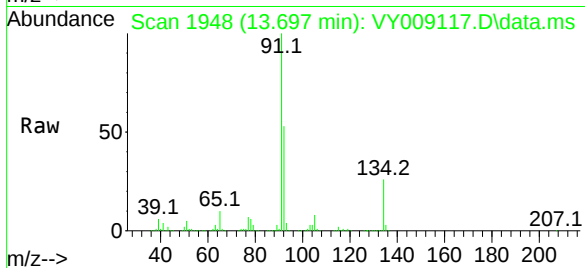
Tgt Ion: 91 Resp: 295388

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 25.2 13.0 38.9



#90

Hexachloroethane

Concen: 45.937 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009117.D

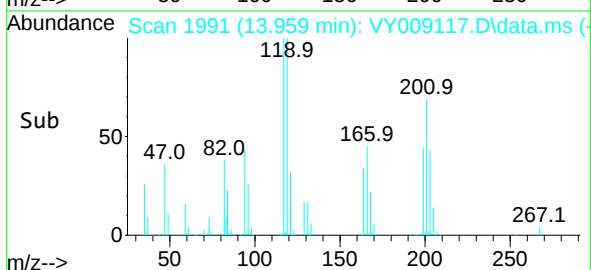
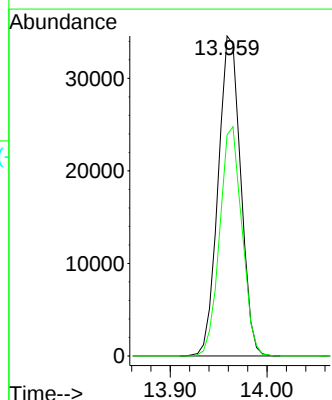
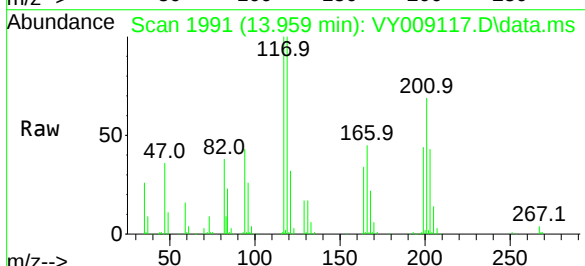
Acq: 26 May 2022 15:44

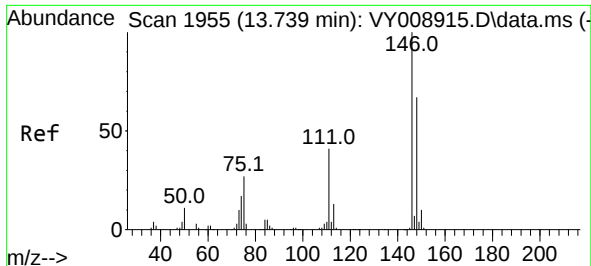
Tgt Ion: 117 Resp: 55959

Ion Ratio Lower Upper

117 100

201 70.6 43.0 128.8

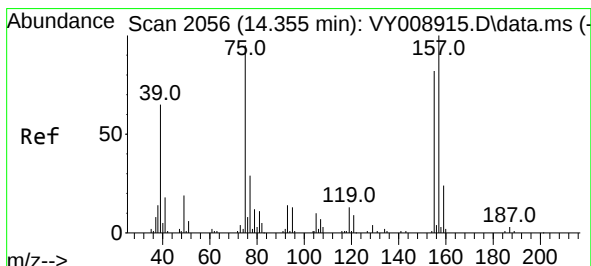
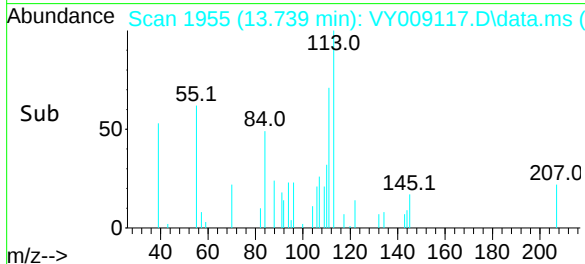
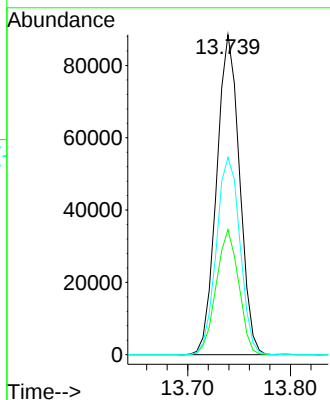
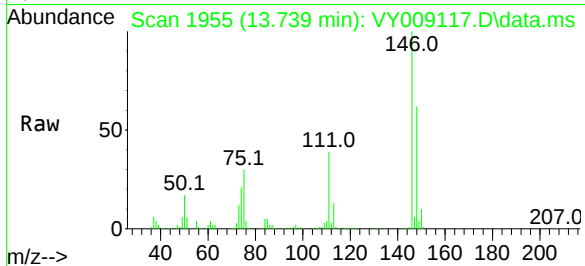




#91
1,2-Dichlorobenzene
Concen: 45.791 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

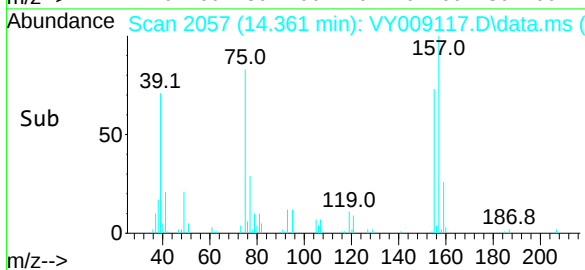
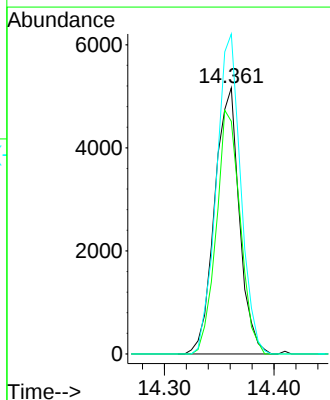
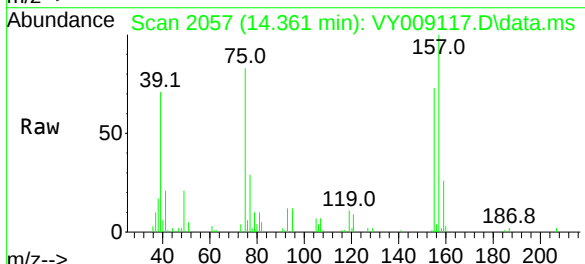
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

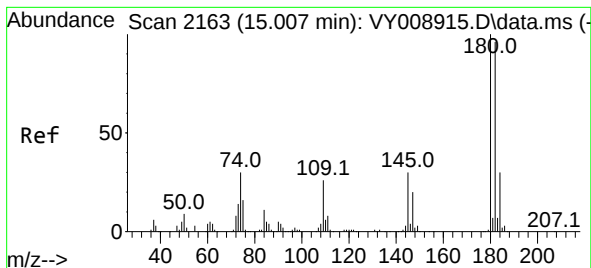
Tgt Ion:146 Resp: 136943
Ion Ratio Lower Upper
146 100
111 38.4 20.3 60.9
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.975 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009117.D
Acq: 26 May 2022 15:44

Tgt Ion: 75 Resp: 8102
Ion Ratio Lower Upper
75 100
155 88.3 38.0 113.9
157 118.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 41.777 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

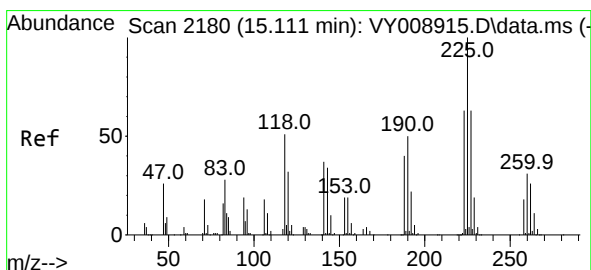
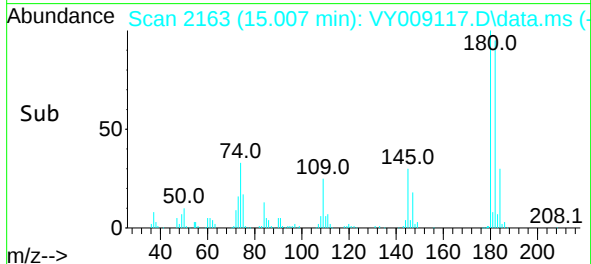
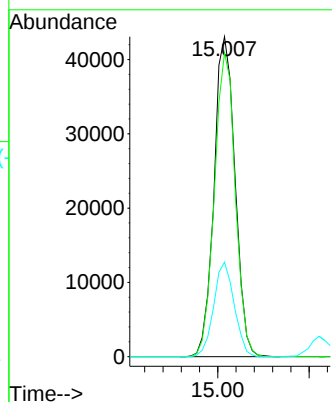
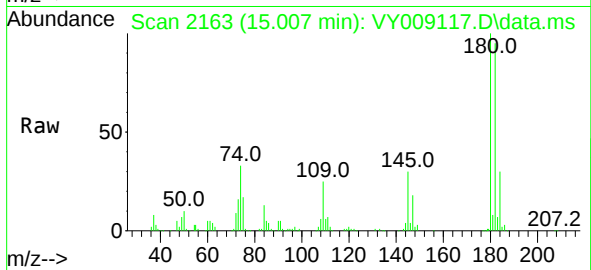
Tgt Ion:180 Resp: 68569

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.213 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

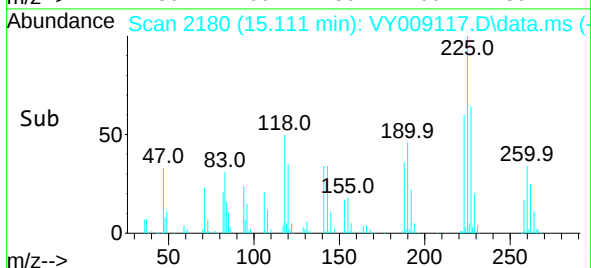
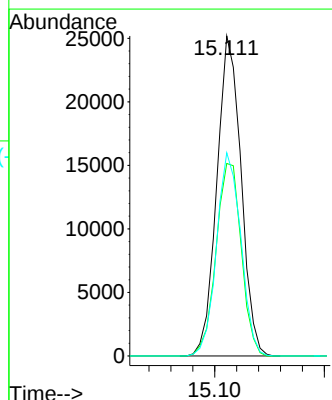
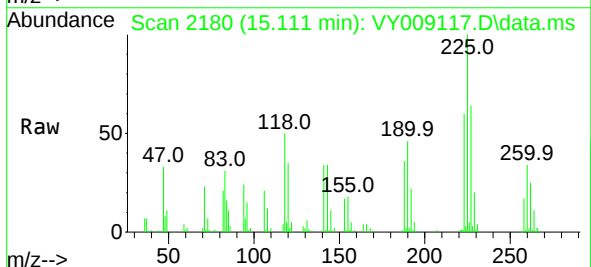
Tgt Ion:225 Resp: 38657

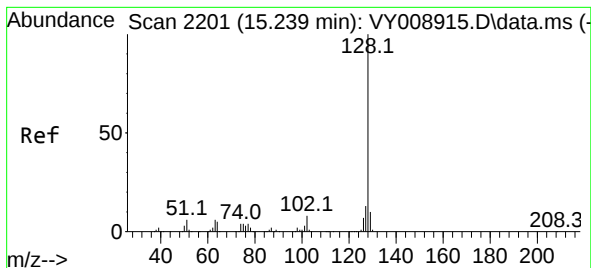
Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 63.6 31.6 94.7





#95

Naphthalene

Concen: 39.987 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

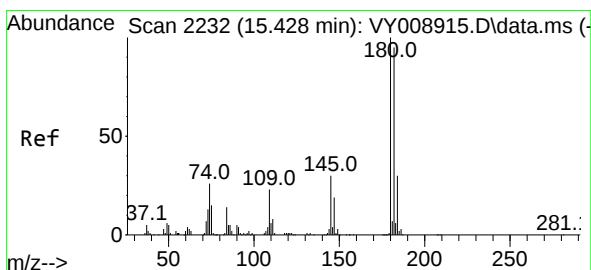
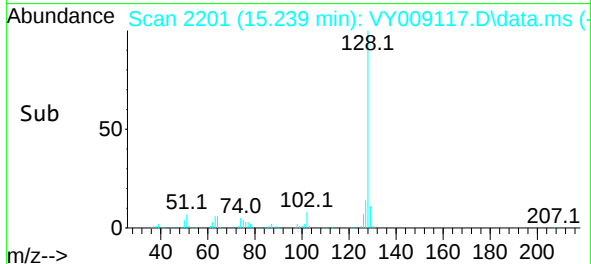
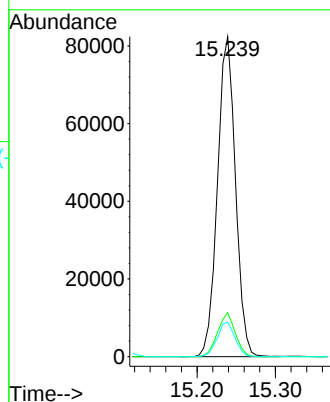
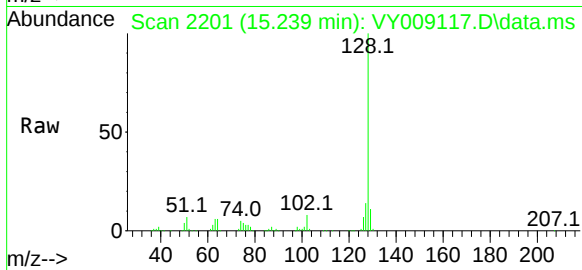
Tgt Ion:128 Resp: 131844

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 41.800 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY009117.D

Acq: 26 May 2022 15:44

Tgt Ion:180 Resp: 59618

Ion Ratio Lower Upper

180 100

182 92.1 47.3 141.9

145 30.8 15.3 45.9

