

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009078.D
 Acq On : 24 May 2022 21:33
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 25 02:58:12 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	91597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43927	46.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.716	113	44563	47.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.240%
50) Toluene-d8	10.179	98	146585	42.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.020%
62) 4-Bromofluorobenzene	12.483	95	77677	55.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43654	52.108	ug/l	97
3) Chloromethane	2.113	50	73029	60.847	ug/l	98
4) Vinyl Chloride	2.247	62	103176	58.025	ug/l	100
5) Bromomethane	2.644	94	92308	52.959	ug/l	98
6) Chloroethane	2.790	64	71814	57.008	ug/l	97
7) Trichlorofluoromethane	3.125	101	78488	51.977	ug/l	94
8) Diethyl Ether	3.528	74	25466	53.934	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	48257	51.997	ug/l	94
10) Methyl Iodide	4.088	142	43233	45.113	ug/l	92
11) Tert butyl alcohol	4.948	59	23514	245.909	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	44905	52.122	ug/l	84
13) Acrolein	3.729	56	3199	101.639	ug/l	94
14) Allyl chloride	4.479	41	65239	50.247	ug/l #	83
15) Acrylonitrile	5.161	53	69715	263.700	ug/l	99
16) Acetone	3.942	43	52080	265.403	ug/l	95
17) Carbon Disulfide	4.192	76	146723	52.128	ug/l	100
18) Methyl Acetate	4.479	43	31968	52.316	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	135879	52.546	ug/l	94
20) Methylene Chloride	4.716	84	59348	54.933	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	55177	49.897	ug/l	86
22) Diisopropyl ether	6.119	45	166029	53.227	ug/l #	97
23) Vinyl Acetate	6.058	43	561896	272.324	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	96309	51.621	ug/l	98
25) 2-Butanone	6.984	43	95087	271.299	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	83443	48.553	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	63559	50.988	ug/l	88
28) Bromochloromethane	7.332	49	34068	53.200	ug/l #	92
29) Tetrahydrofuran	7.344	42	65952	277.017	ug/l #	88
30) Chloroform	7.502	83	104547	51.912	ug/l	98
31) Cyclohexane	7.783	56	87390	47.386	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	92359	50.549	ug/l	98
36) 1,1-Dichloropropene	7.917	75	81715	50.772	ug/l	99
37) Ethyl Acetate	7.070	43	45025	53.931	ug/l	97
38) Carbon Tetrachloride	7.899	117	84397	50.128	ug/l	97
39) Methylcyclohexane	9.179	83	102546	49.362	ug/l	90
40) Benzene	8.161	78	239015	51.501	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	60385	140.166	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	72086	52.896	ug/l	94
43) Isopropyl Acetate	8.271	43	85750	55.239	ug/l #	92
44) Trichloroethene	8.935	130	59225	48.196	ug/l	94
45) 1,2-Dichloropropane	9.216	63	59291	53.206	ug/l	93
46) Dibromomethane	9.301	93	37471	52.882	ug/l	91
47) Bromodichloromethane	9.496	83	83466	51.541	ug/l	95
48) Methyl methacrylate	9.289	41	38683	55.806	ug/l #	85
49) 1,4-Dioxane	9.295	88	9228	974.226	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	245182	285.388	ug/l	93
52) Toluene	10.246	92	167692	51.704	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	89472	52.028	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	96821	52.372	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	50940	51.385	ug/l	97
56) Ethyl methacrylate	10.508	69	68632	54.151	ug/l	88
57) 1,3-Dichloropropane	10.788	76	85160	52.661	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	153843	280.569	ug/l	96
59) 2-Hexanone	10.831	43	172269	292.868	ug/l	90
60) Dibromochloromethane	10.984	129	62568	52.066	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51917	52.850	ug/l	98
64) Tetrachloroethene	10.721	164	53341	45.945	ug/l	96
65) Chlorobenzene	11.514	112	178127	48.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	67296	50.202	ug/l	95
67) Ethyl Benzene	11.593	91	334199	50.655	ug/l	98
68) m/p-Xylenes	11.703	106	280892	104.878	ug/l	92
69) o-Xylene	12.026	106	131241	52.768	ug/l	90
70) Styrene	12.044	104	232532	54.366	ug/l	93
71) Bromoform	12.209	173	45978	51.740	ug/l #	100
73) Isopropylbenzene	12.331	105	353903	45.118	ug/l	99
74) N-amyl acetate	12.142	43	94588	52.265	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	73979	45.784	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	94430	83.824	ug/l #	100
77) Bromobenzene	12.605	156	80160	44.085	ug/l	96
78) n-propylbenzene	12.672	91	451787	49.852	ug/l	99
79) 2-Chlorotoluene	12.758	91	241748	46.246	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	310867	47.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	25603	46.648	ug/l	88
82) 4-Chlorotoluene	12.855	91	271653	48.586	ug/l	97
83) tert-Butylbenzene	13.075	119	273078	46.817	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	321249	49.221	ug/l	97
85) sec-Butylbenzene	13.251	105	431508	48.351	ug/l	99
86) p-Isopropyltoluene	13.367	119	368387	49.500	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	187471	48.333	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	185538	47.612	ug/l	99
89) n-Butylbenzene	13.696	91	337821	49.618	ug/l	99
90) Hexachloroethane	13.959	117	67005	48.044	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	166579	48.652	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11383	45.376	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	83169	44.260	ug/l	100
94) Hexachlorobutadiene	15.111	225	44003	42.965	ug/l	98
95) Naphthalene	15.233	128	175650	46.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73002	44.707	ug/l	99

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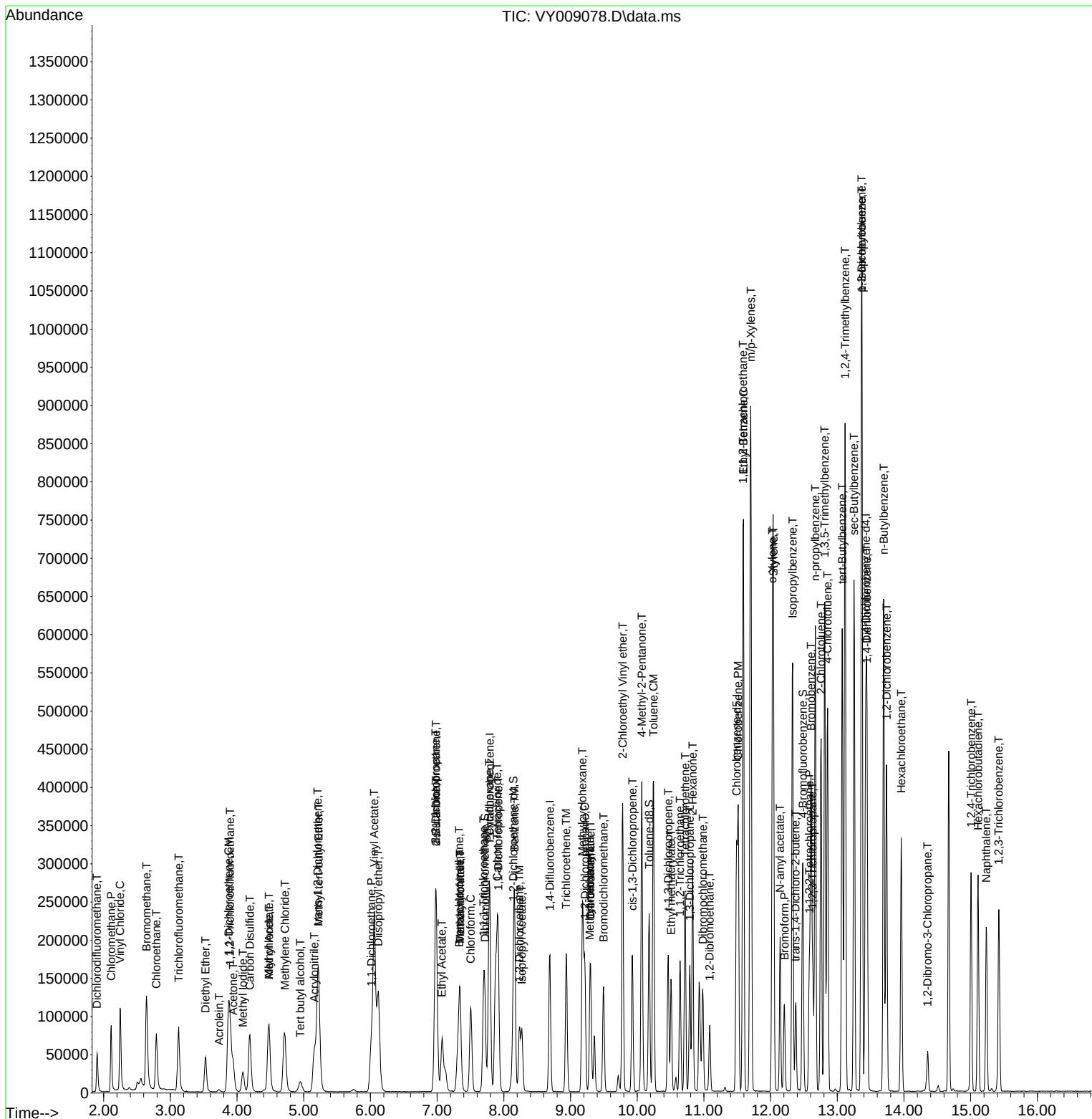
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

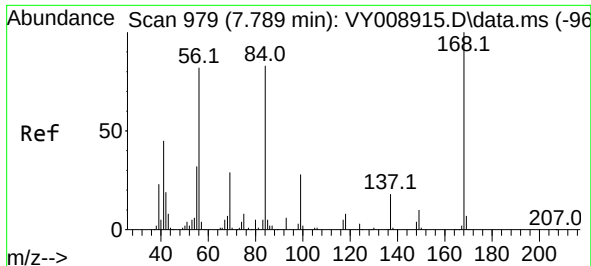
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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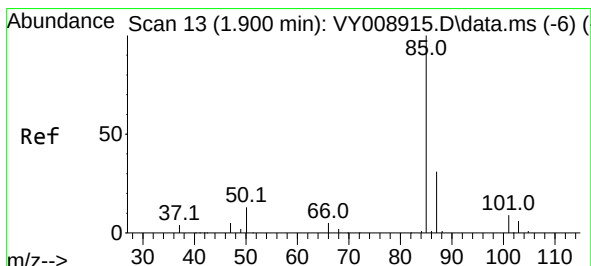
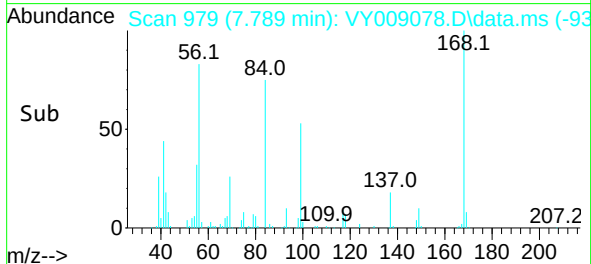
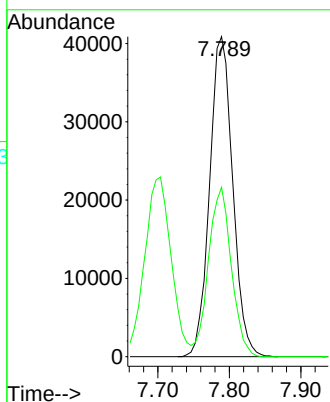
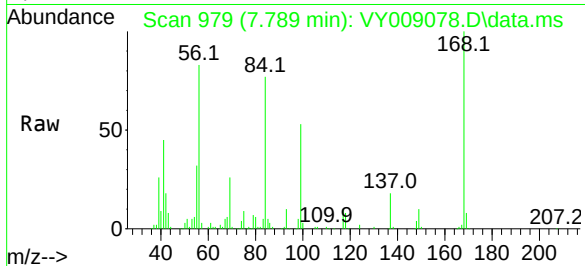




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009078.D
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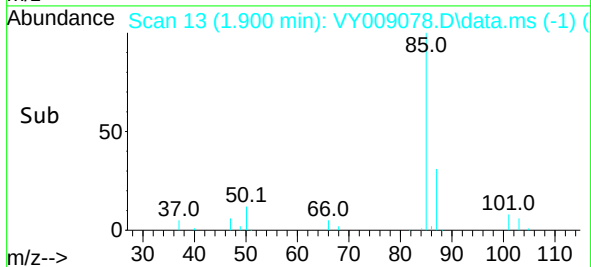
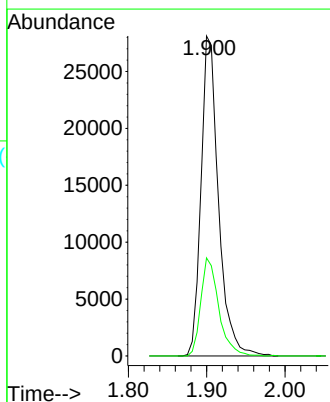
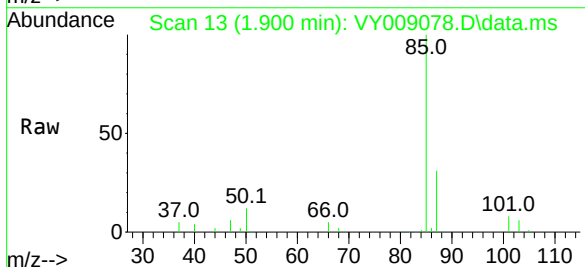
Instrument :
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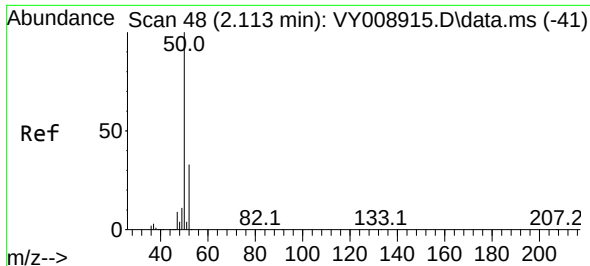
Tgt Ion:168 Resp: 91597
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 52.108 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 85 Resp: 43654
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

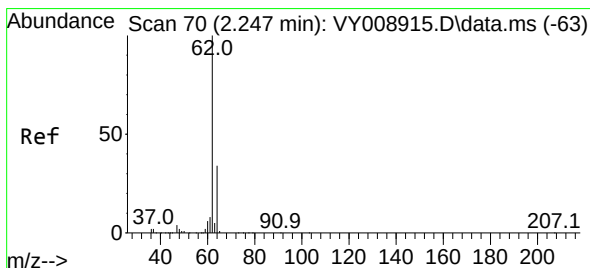
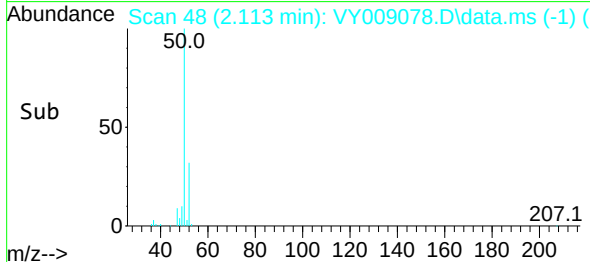
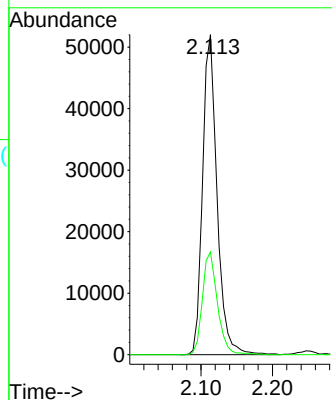
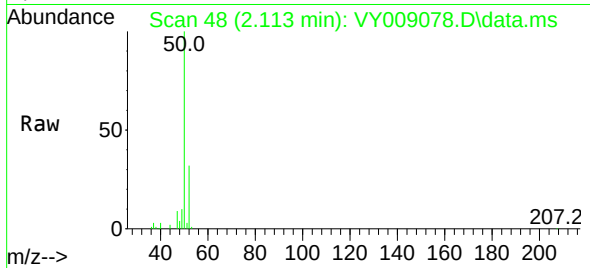




#3
Chloromethane
Concen: 60.847 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

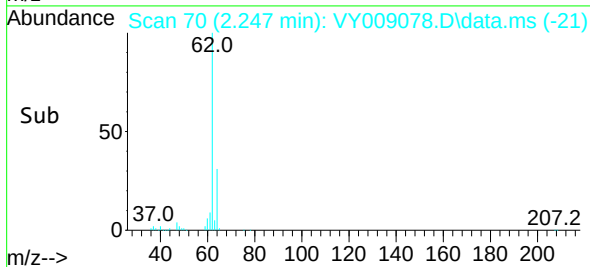
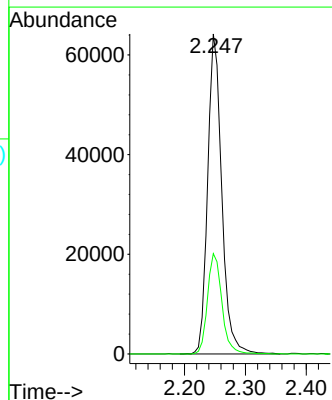
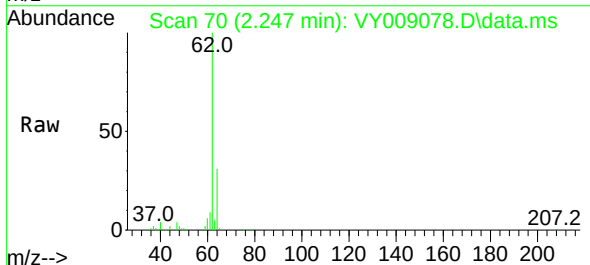
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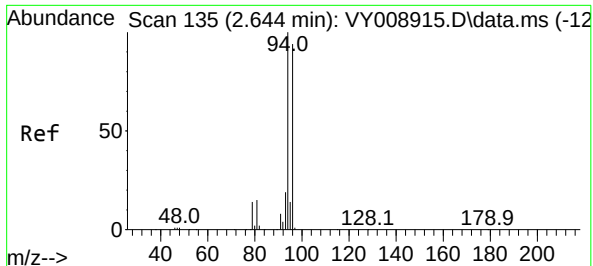
Tgt Ion: 50 Resp: 73029
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0



#4
Vinyl Chloride
Concen: 58.025 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 62 Resp: 103176
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6

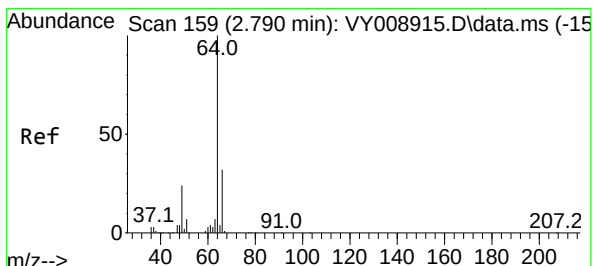
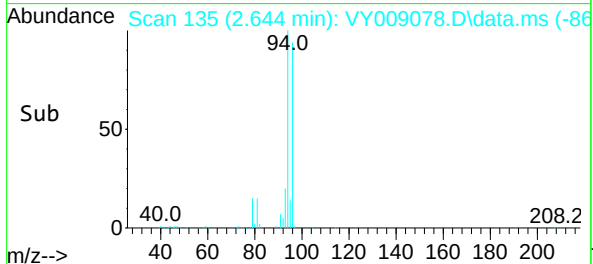
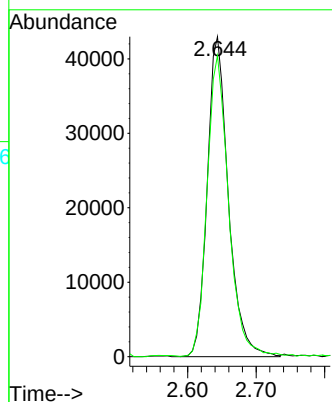
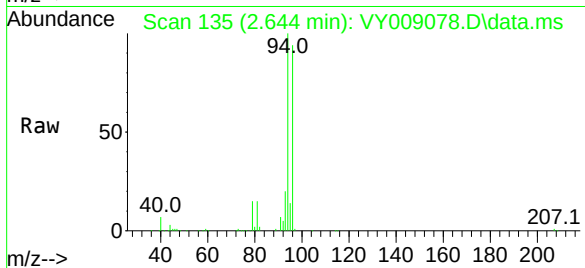




#5
Bromomethane
Concen: 52.959 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

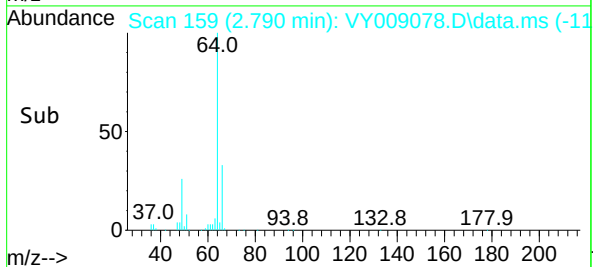
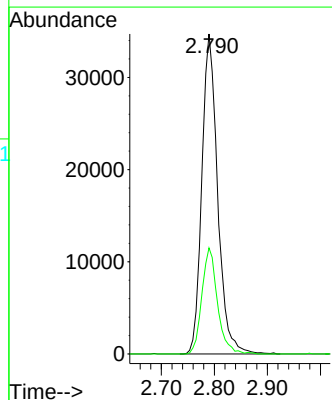
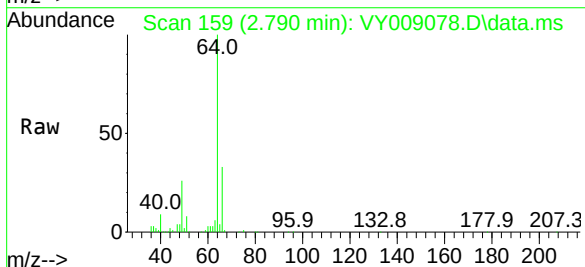
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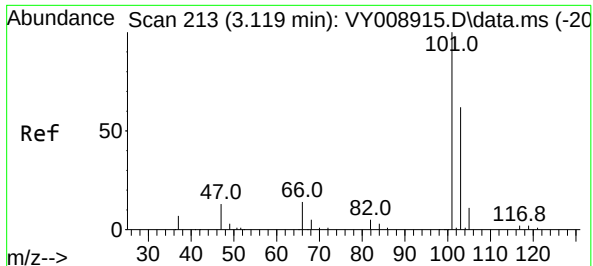
Tgt Ion: 94 Resp: 92308
Ion Ratio Lower Upper
94 100
96 94.0 73.5 110.3



#6
Chloroethane
Concen: 57.008 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 64 Resp: 71814
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

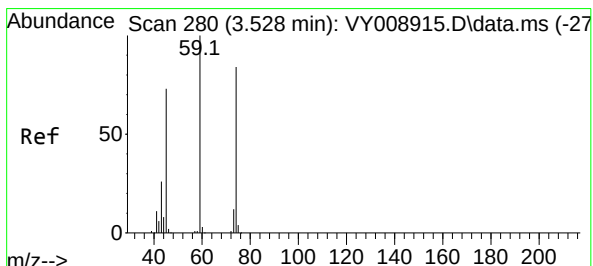
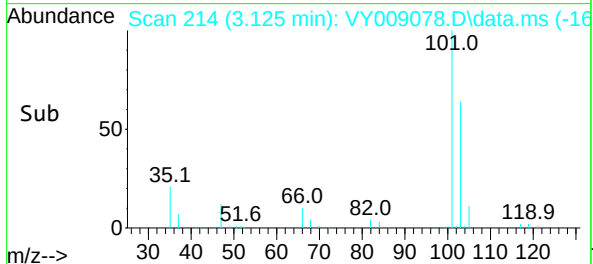
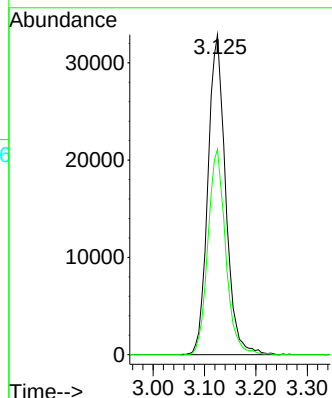
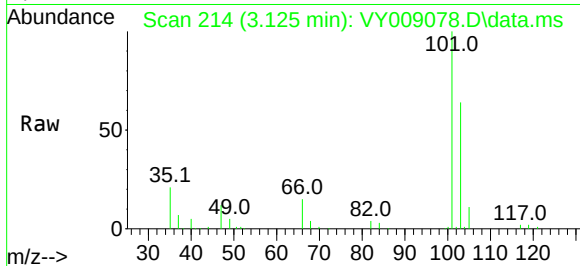




#7
 Trichlorofluoromethane
 Concen: 51.977 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

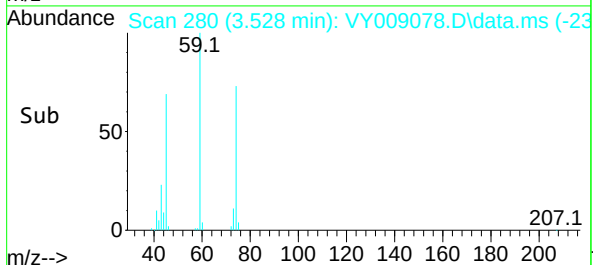
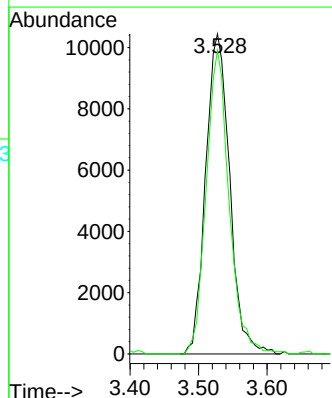
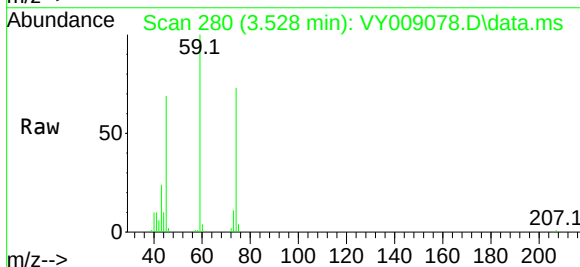
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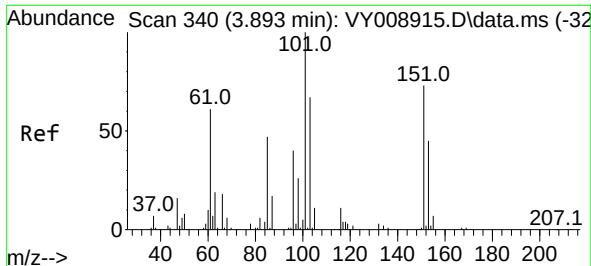
Tgt Ion:101 Resp: 78488
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.934 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY009078.D
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Tgt Ion: 74 Resp: 25466
 Ion Ratio Lower Upper
 74 100
 45 90.7 55.1 165.5

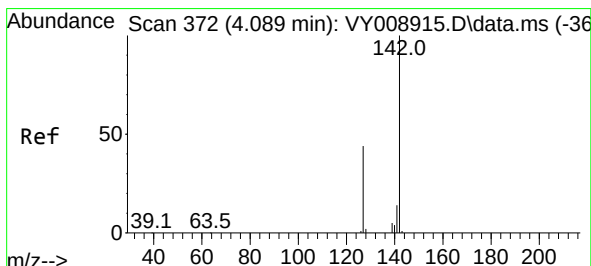
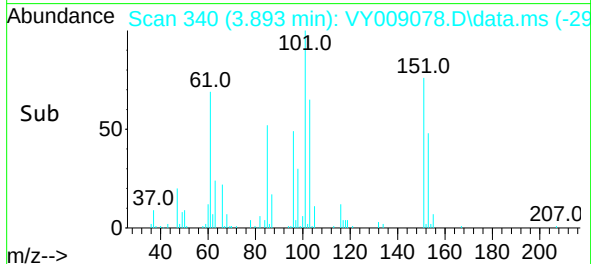
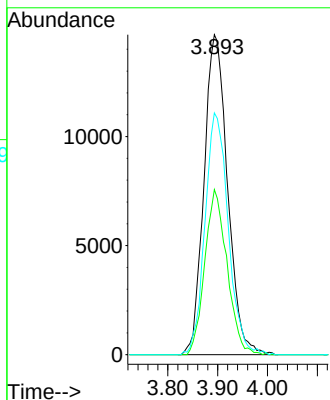
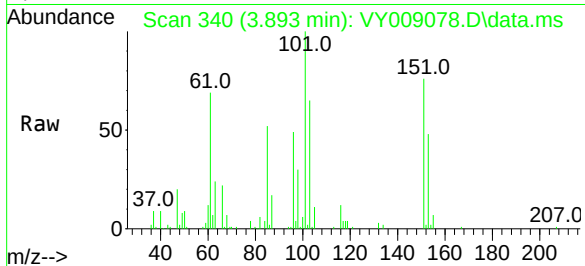




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.997 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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Acq: 24 May 2022 21:33

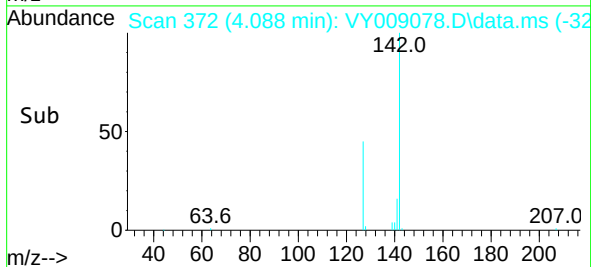
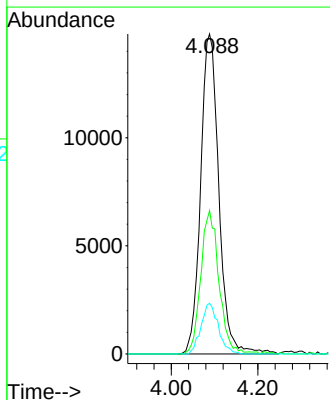
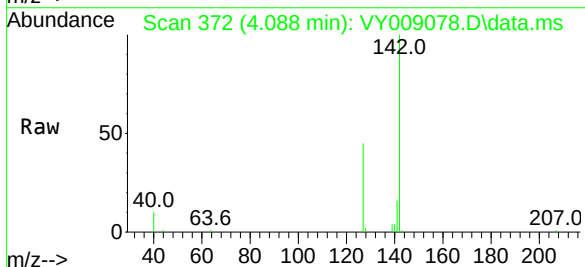
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

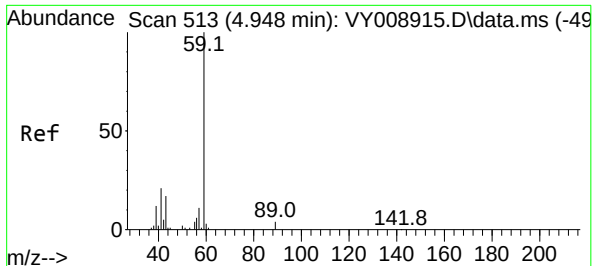
Tgt Ion:101 Resp: 48257
Ion Ratio Lower Upper
101 100
85 48.7 40.6 60.8
151 74.6 64.9 97.3



#10
Methyl Iodide
Concen: 45.113 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:142 Resp: 43233
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 15.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 245.909 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

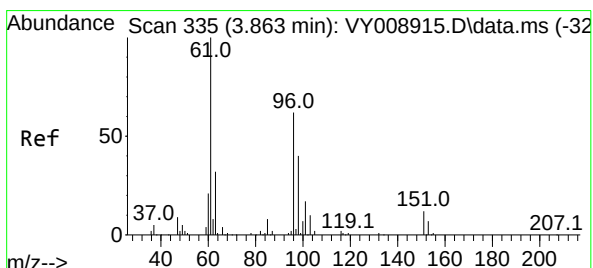
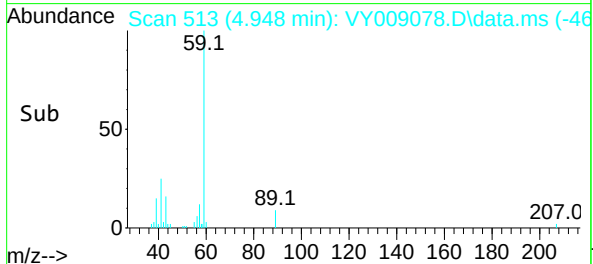
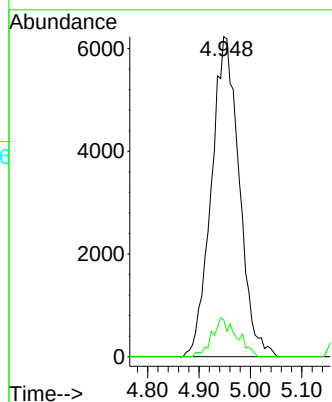
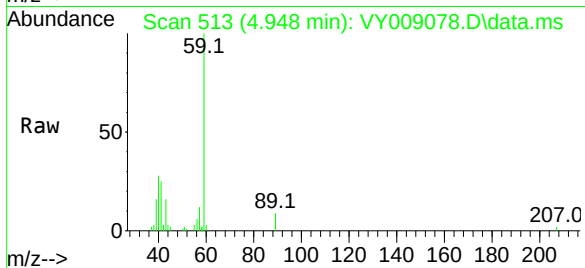
VSTDCCC050EC

Tgt Ion: 59 Resp: 23514

Ion Ratio Lower Upper

59 100

57 10.7 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 52.122 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

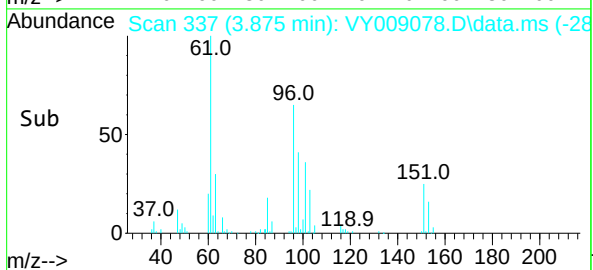
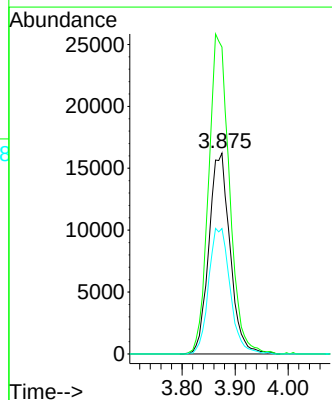
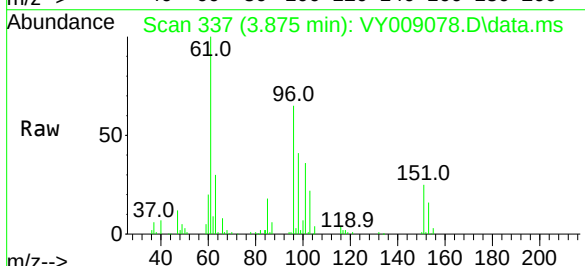
Tgt Ion: 96 Resp: 44905

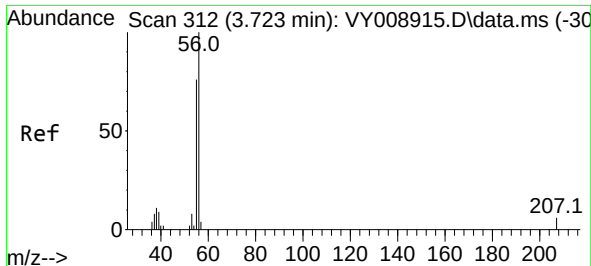
Ion Ratio Lower Upper

96 100

61 152.8 145.8 218.6

98 62.4 52.5 78.7

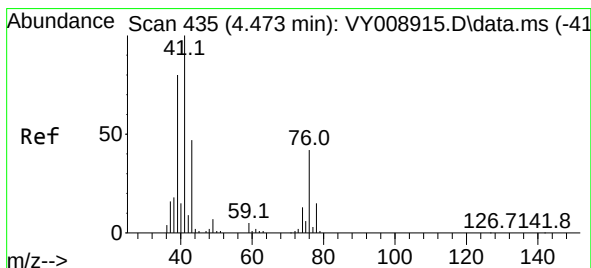
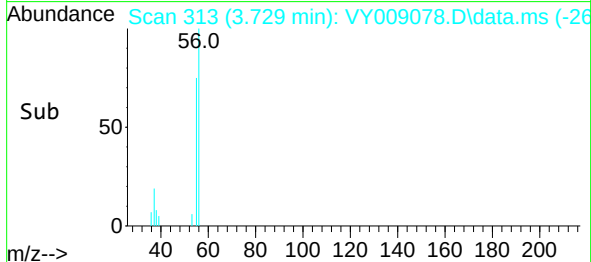
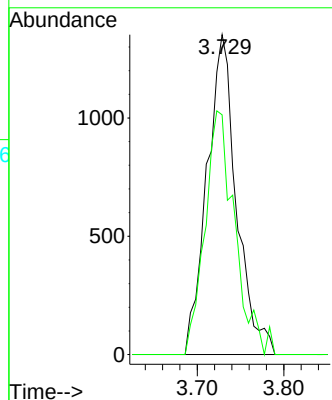
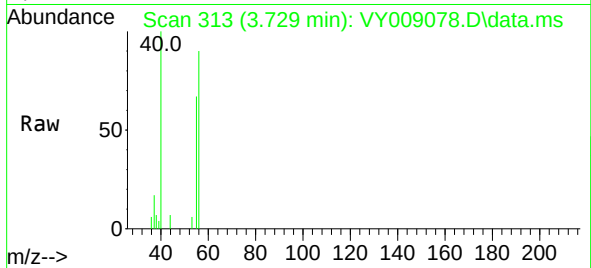




#13
Acrolein
Concen: 101.639 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

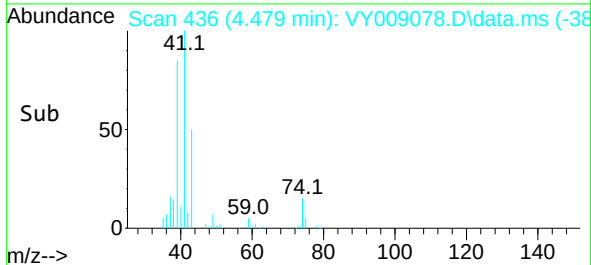
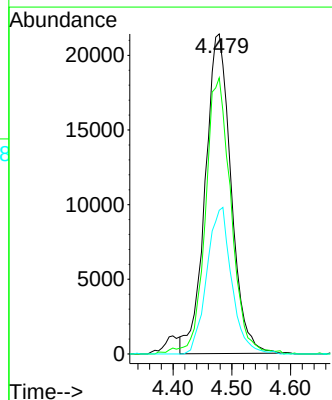
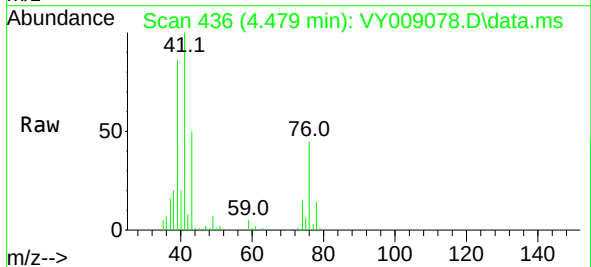
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

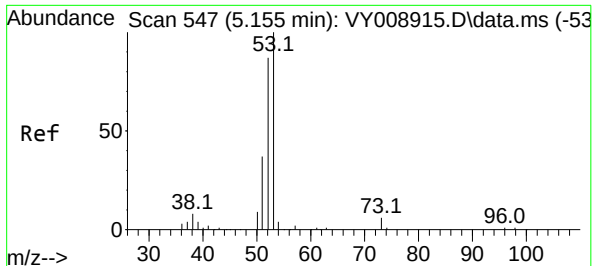
Tgt Ion: 56 Resp: 3199
Ion Ratio Lower Upper
56 100
55 77.3 57.6 86.4



#14
Allyl chloride
Concen: 50.247 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 41 Resp: 65239
Ion Ratio Lower Upper
41 100
39 86.0 58.8 88.2
76 44.2 25.1 37.7#

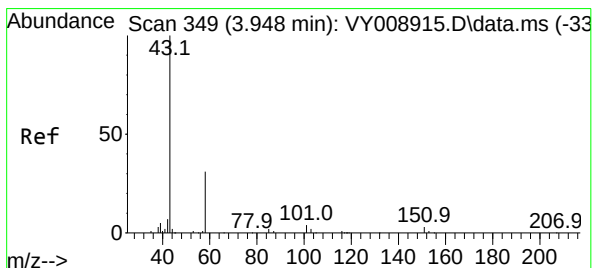
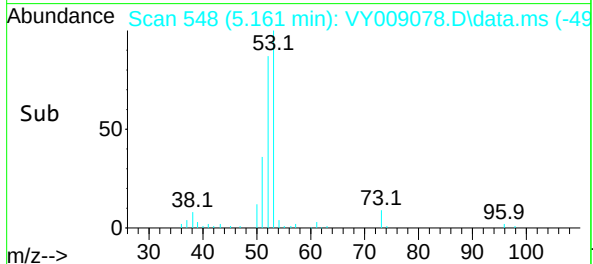
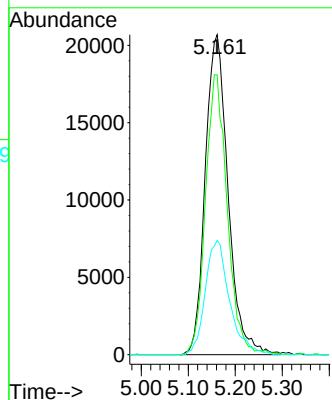
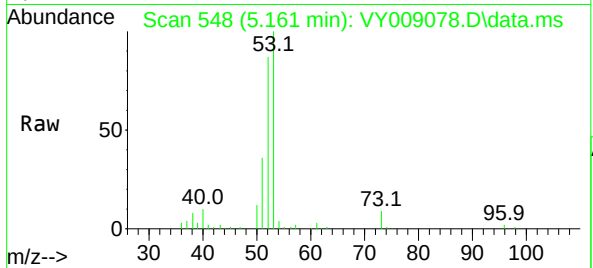




#15
Acrylonitrile
Concen: 263.700 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

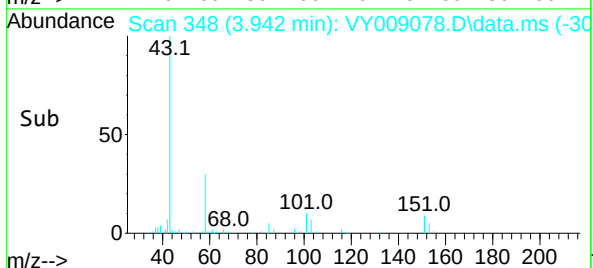
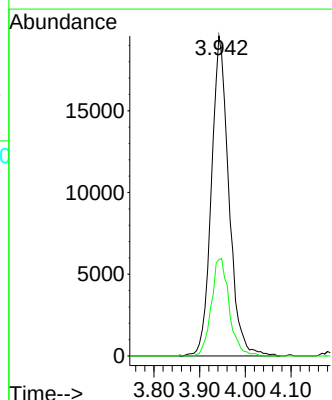
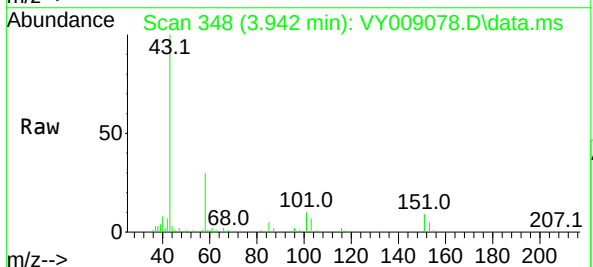
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

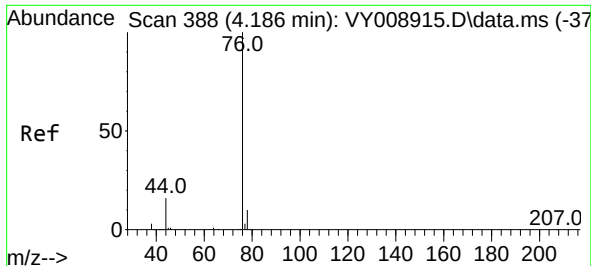
Tgt Ion: 53 Resp: 69715
Ion Ratio Lower Upper
53 100
52 83.4 67.0 100.4
51 38.0 29.8 44.6



#16
Acetone
Concen: 265.403 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 43 Resp: 52080
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0

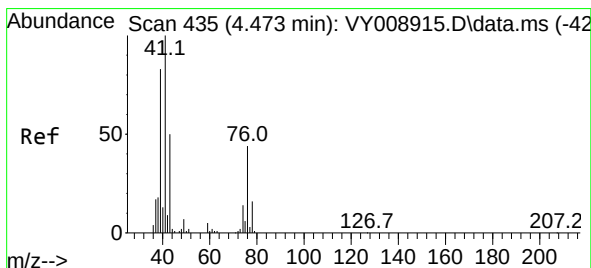
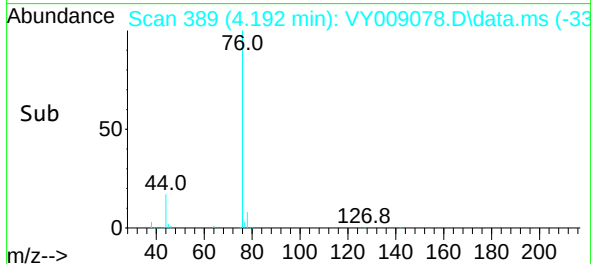
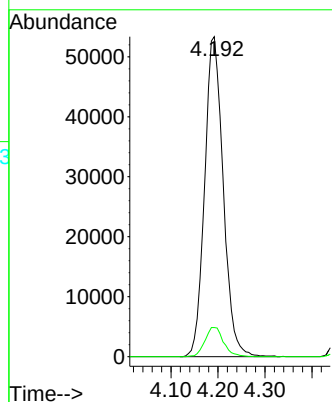
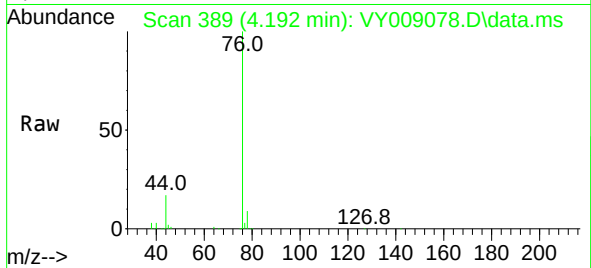




#17
Carbon Disulfide
Concen: 52.128 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

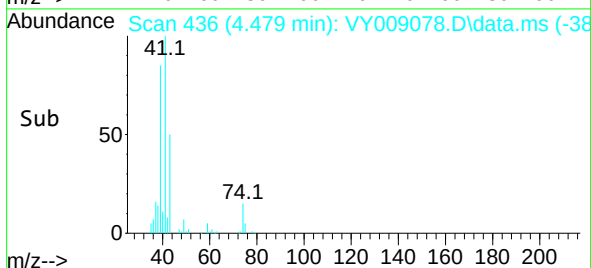
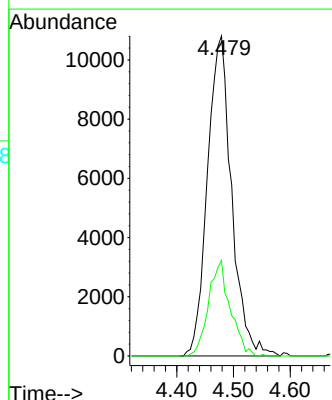
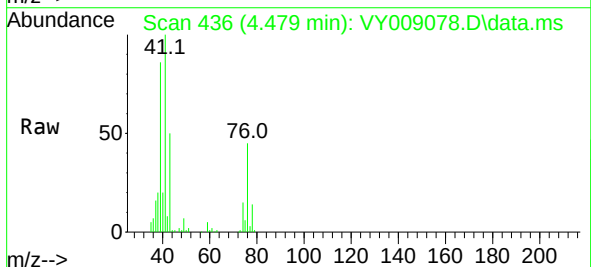
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

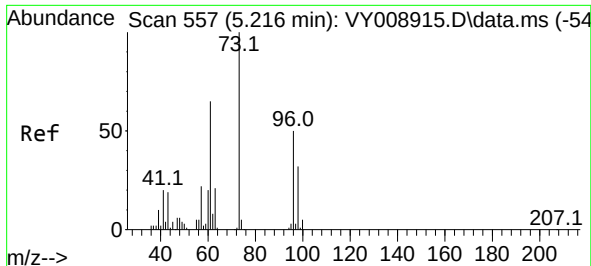
Tgt Ion: 76 Resp: 146723
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 52.316 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 43 Resp: 31968
Ion Ratio Lower Upper
43 100
74 26.9 16.6 24.8#

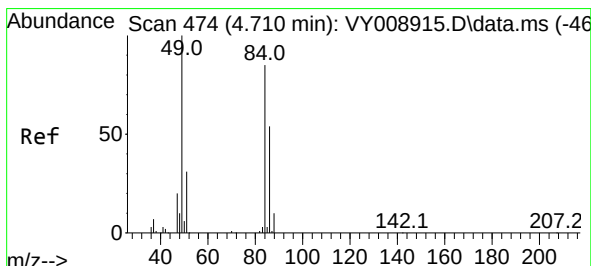
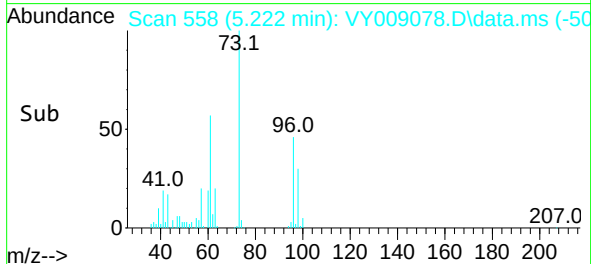
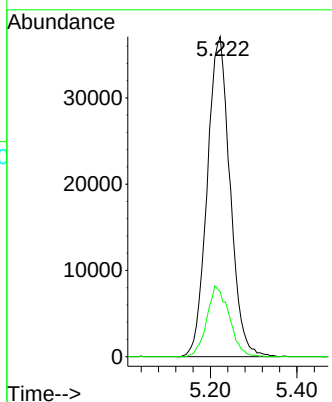
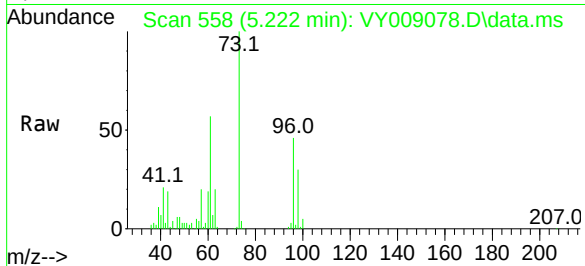




#19
Methyl tert-butyl Ether
Concen: 52.546 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

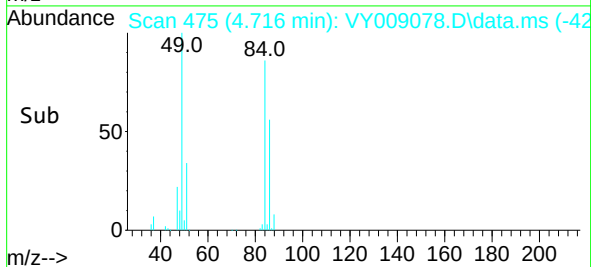
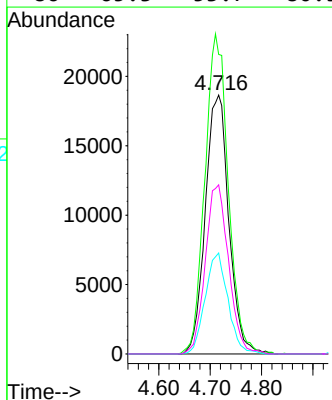
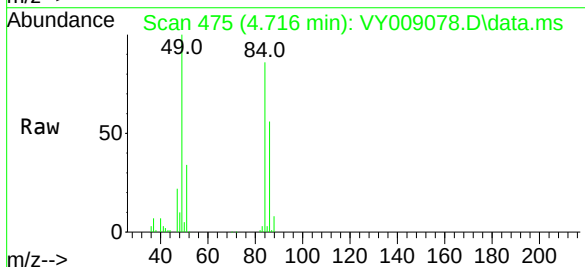
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

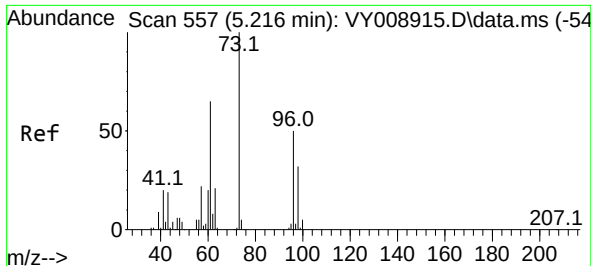
Tgt Ion: 73 Resp: 135879
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 54.933 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

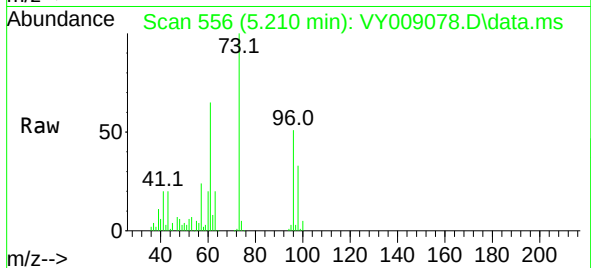
Tgt Ion: 84 Resp: 59348
Ion Ratio Lower Upper
84 100
49 115.7 114.4 171.6
51 39.0 35.3 52.9
86 65.3 53.7 80.5



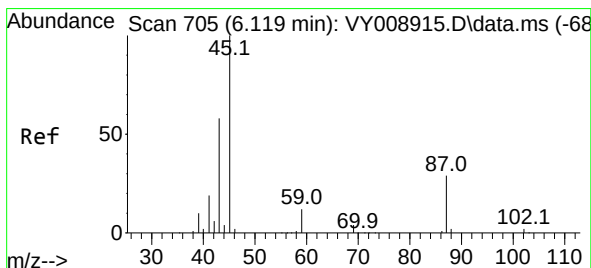
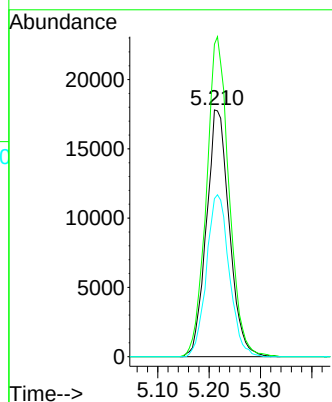
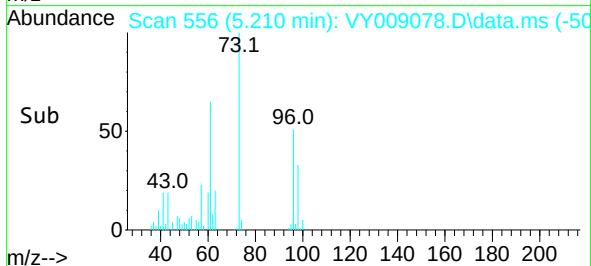


#21
trans-1,2-Dichloroethene
Concen: 49.897 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

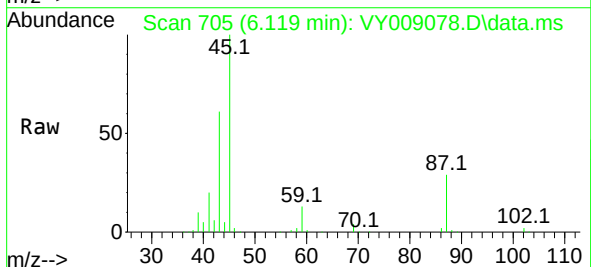
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



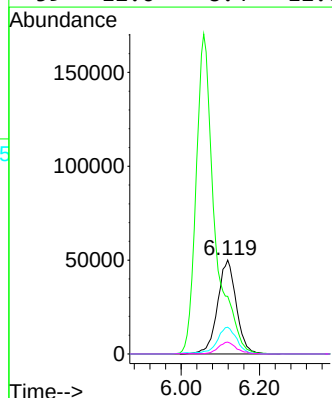
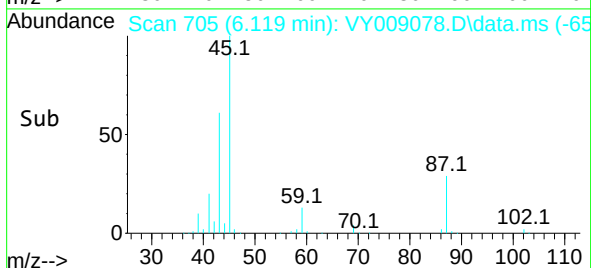
Tgt Ion: 96 Resp: 55177
Ion Ratio Lower Upper
96 100
61 126.6 120.5 180.7
98 64.1 49.8 74.8

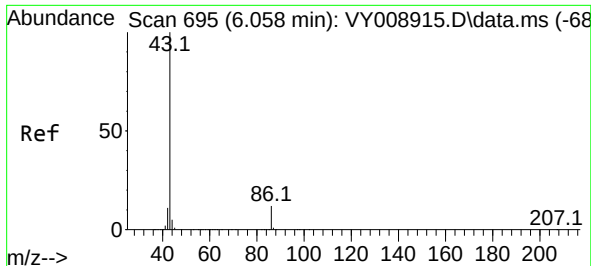


#22
Diisopropyl ether
Concen: 53.227 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33



Tgt Ion: 45 Resp: 166029
Ion Ratio Lower Upper
45 100
43 61.2 49.3 73.9
87 28.5 19.2 28.8
59 12.6 8.4 12.6#

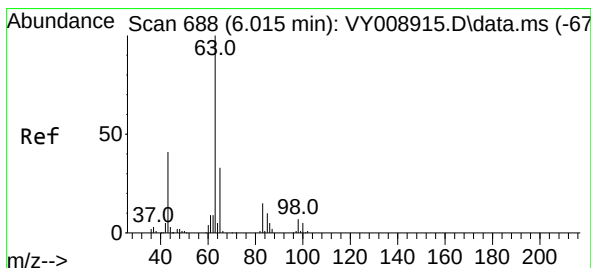
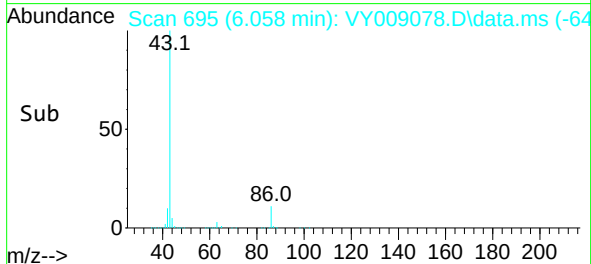
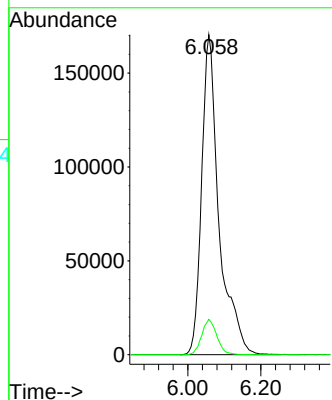
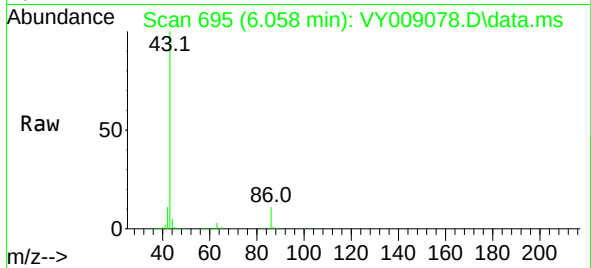




#23
 Vinyl Acetate
 Concen: 272.324 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

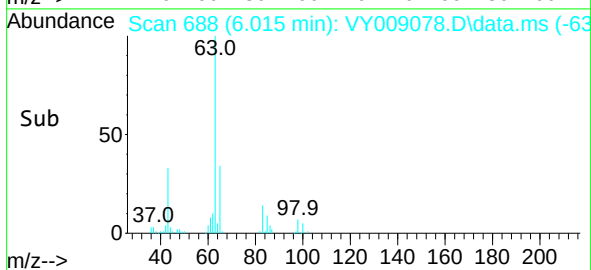
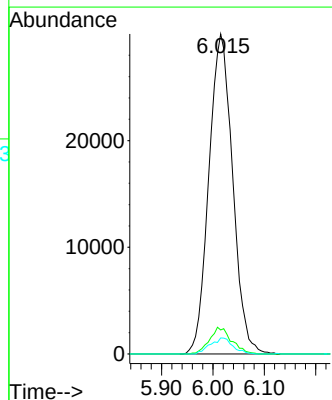
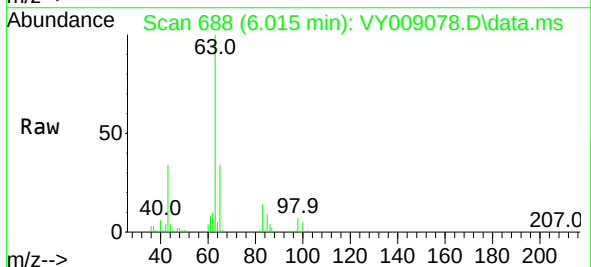
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

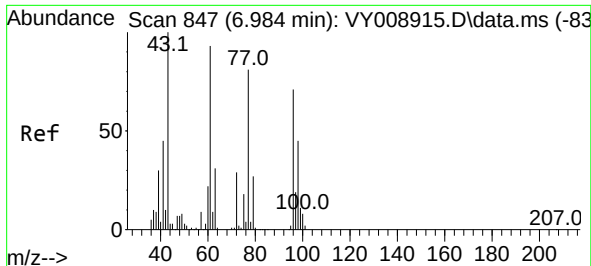
Tgt Ion: 43 Resp: 561896
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.621 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

Tgt Ion: 63 Resp: 96309
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.0 2.0 5.8

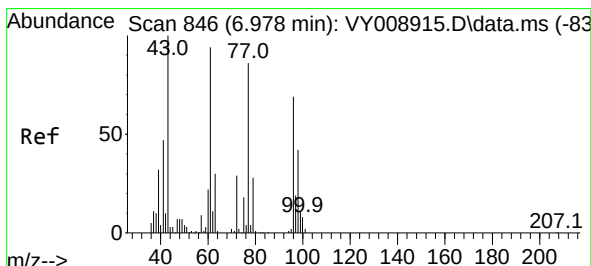
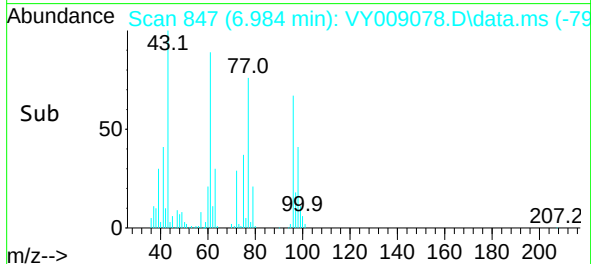
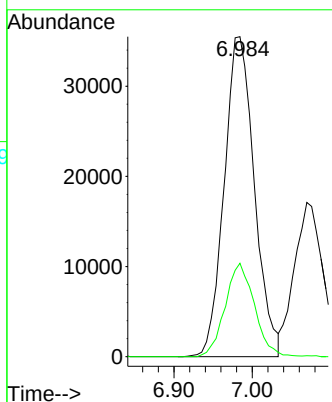
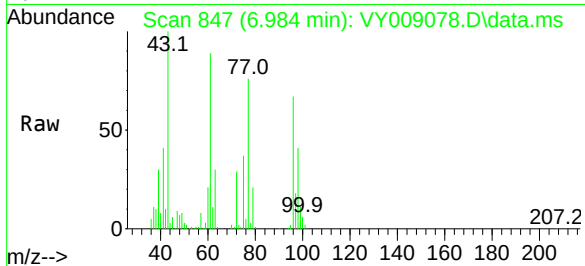




#25
2-Butanone
Concen: 271.299 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

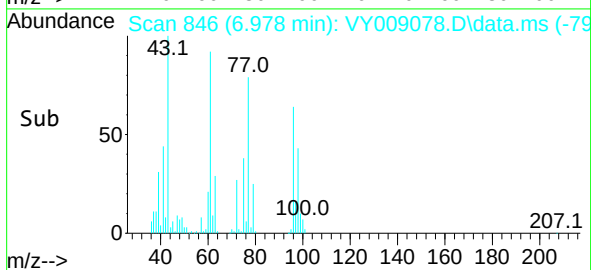
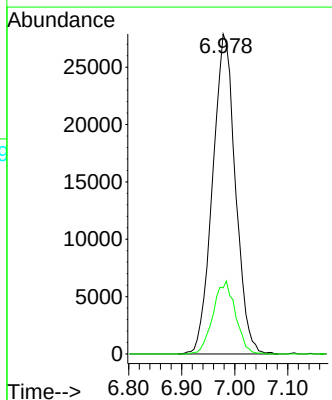
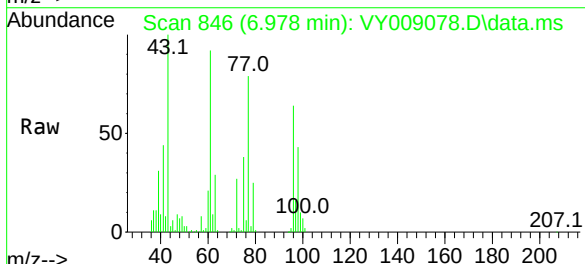
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

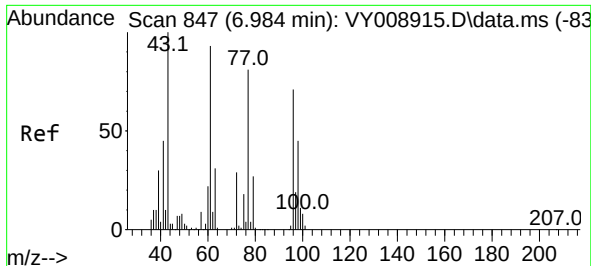
Tgt Ion: 43 Resp: 95087
Ion Ratio Lower Upper
43 100
72 29.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 48.553 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 77 Resp: 83443
Ion Ratio Lower Upper
77 100
97 22.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.988 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

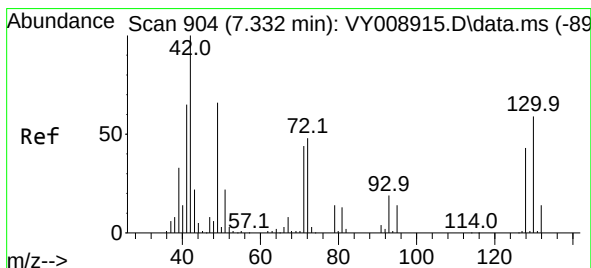
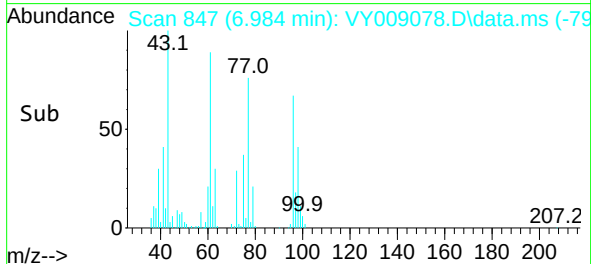
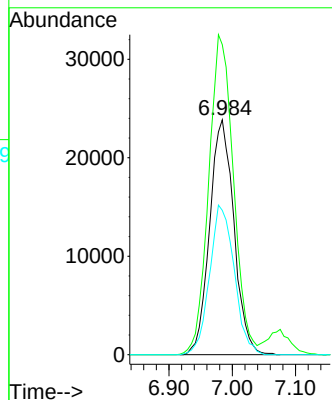
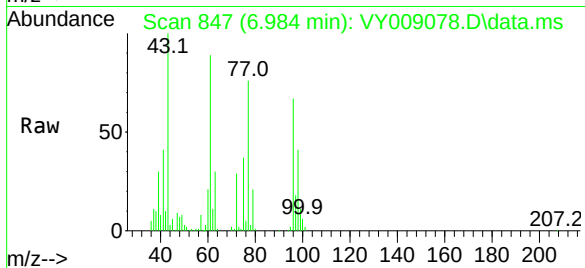
Tgt Ion: 96 Resp: 63559

Ion Ratio Lower Upper

96 100

61 138.8 0.0 319.8

98 64.6 0.0 127.0



#28

Bromochloromethane

Concen: 53.200 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

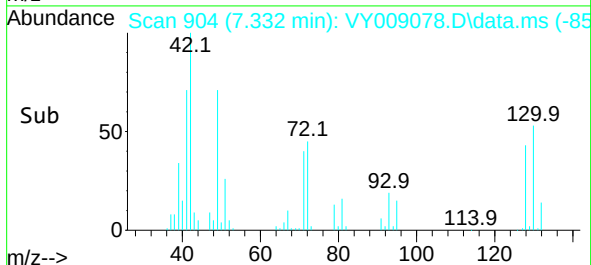
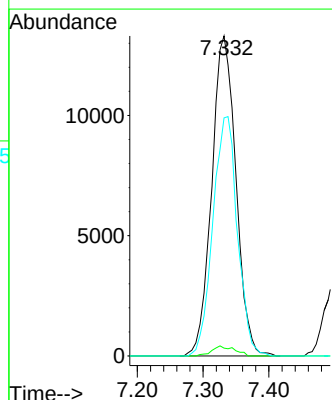
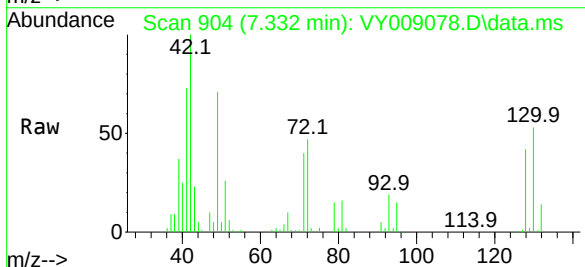
Tgt Ion: 49 Resp: 34068

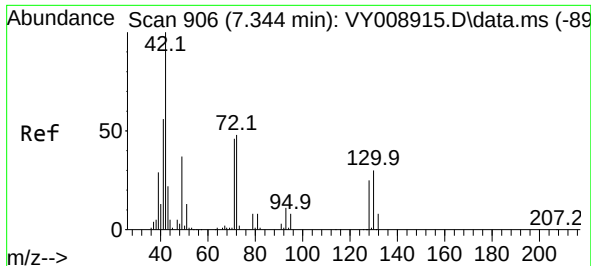
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 75.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 277.017 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

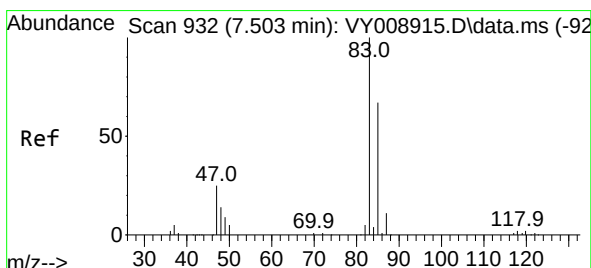
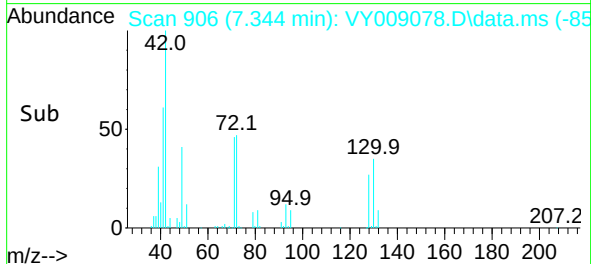
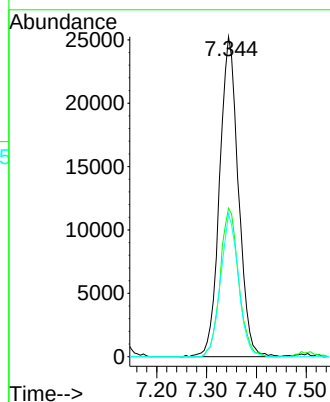
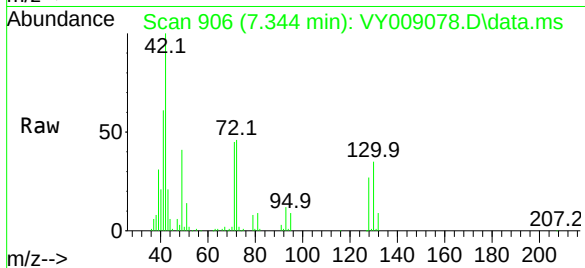
Tgt Ion: 42 Resp: 65952

Ion Ratio Lower Upper

42 100

72 45.7 30.3 45.5#

71 42.6 29.0 43.4



#30

Chloroform

Concen: 51.912 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009078.D

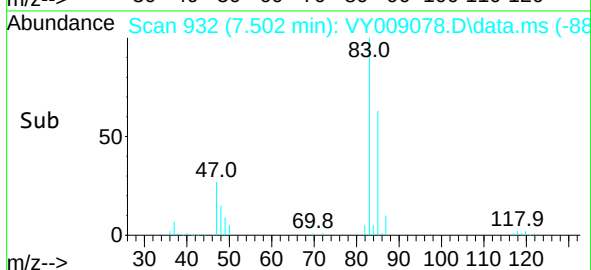
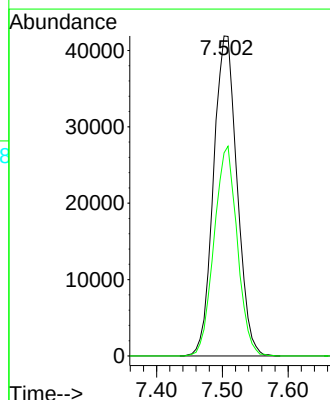
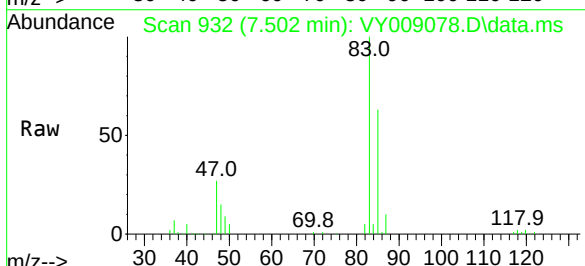
Acq: 24 May 2022 21:33

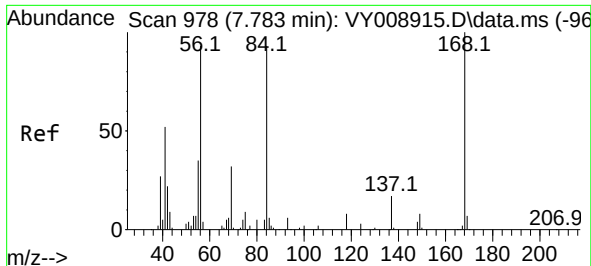
Tgt Ion: 83 Resp: 104547

Ion Ratio Lower Upper

83 100

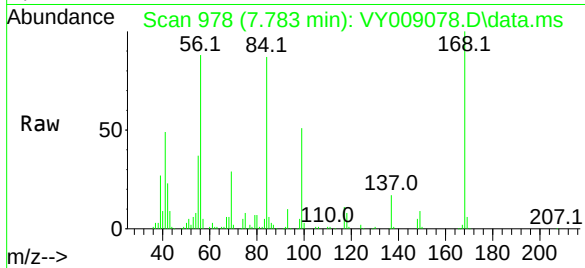
85 63.4 51.8 77.6



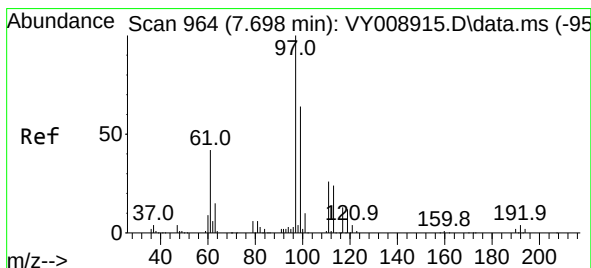
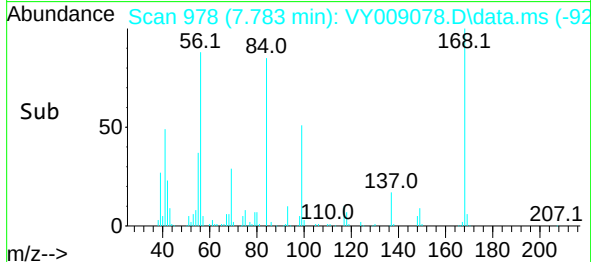
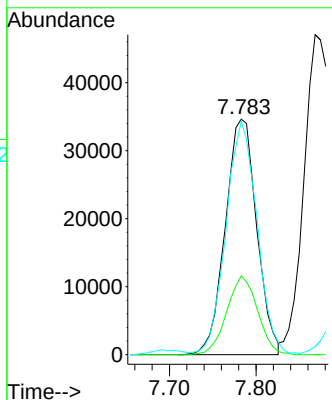


#31
Cyclohexane
Concen: 47.386 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

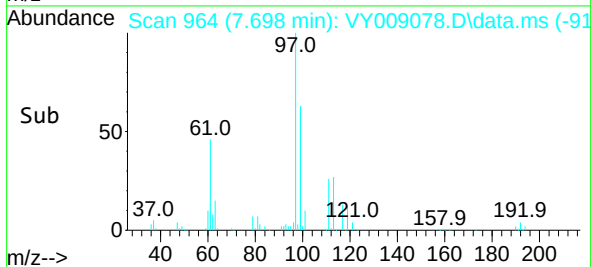
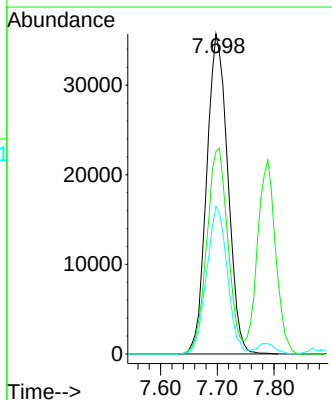
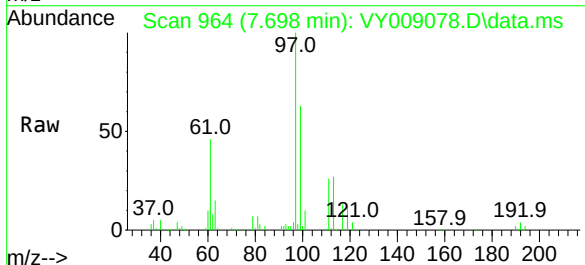


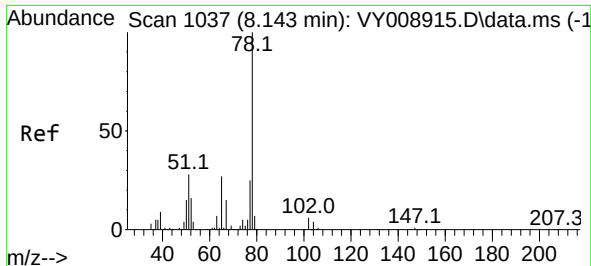
Tgt Ion: 56 Resp: 87390
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 97.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.549 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 97 Resp: 92359
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 45.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.597 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

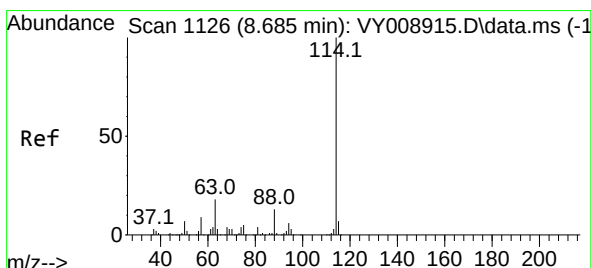
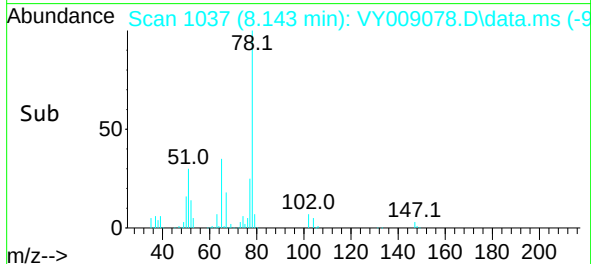
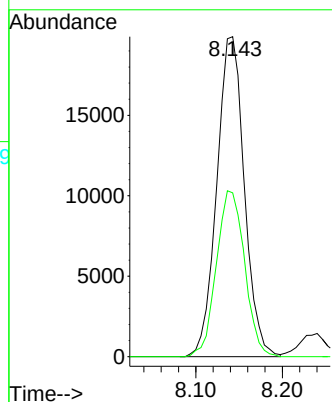
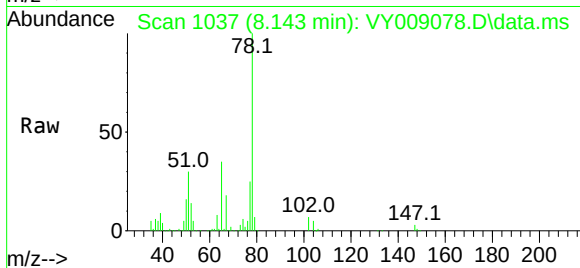
VSTDCCC050EC

Tgt Ion: 65 Resp: 43927

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

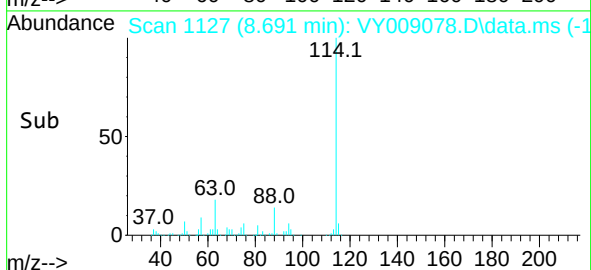
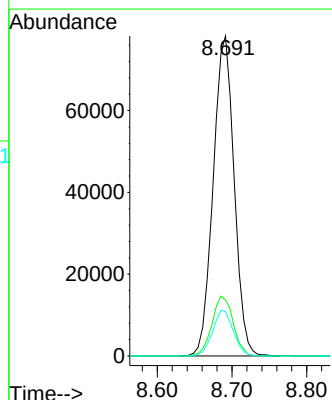
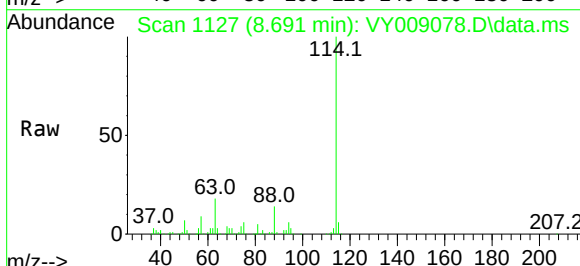
Tgt Ion: 114 Resp: 152084

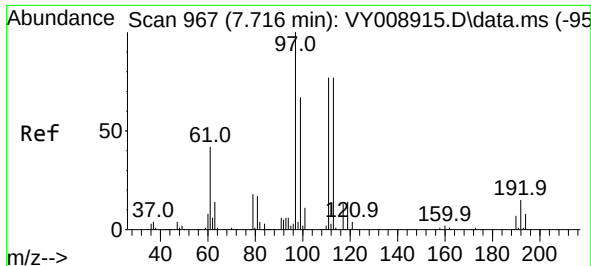
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.8 0.0 31.8

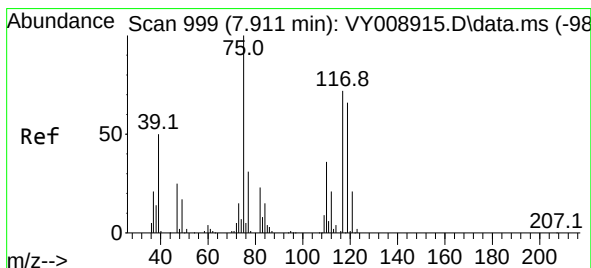
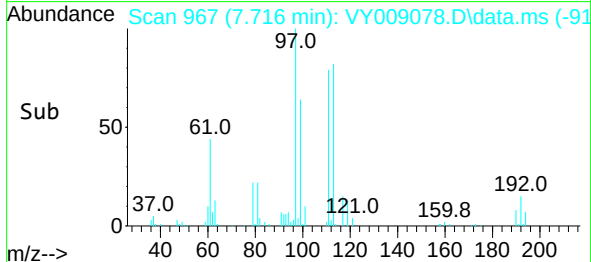
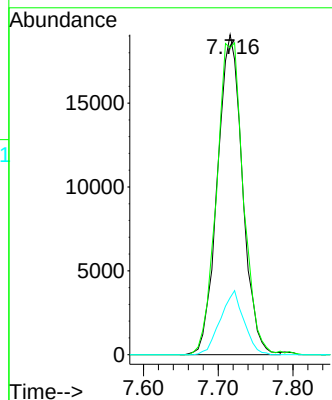
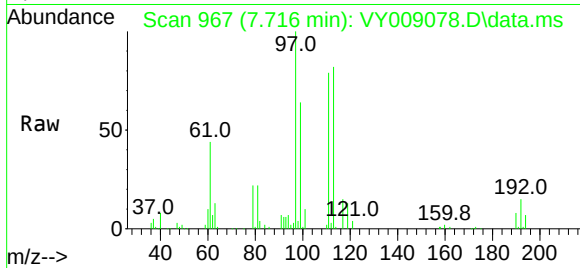




#35
Dibromofluoromethane
Concen: 47.121 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

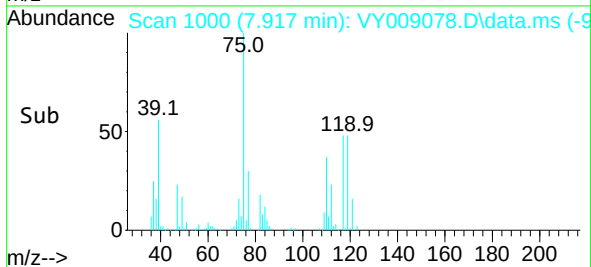
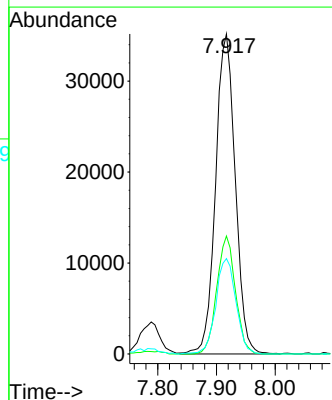
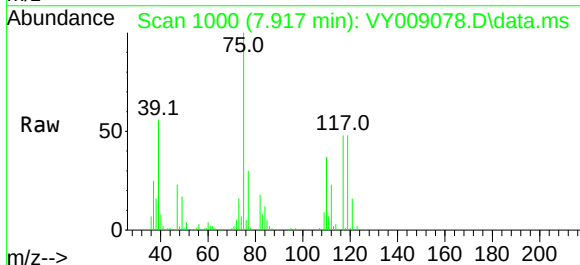
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

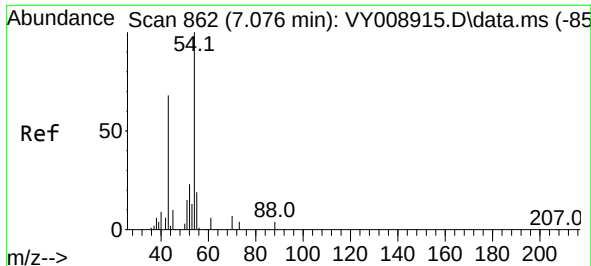
Tgt Ion:113 Resp: 44563
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.772 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 75 Resp: 81715
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.5 24.4 36.6

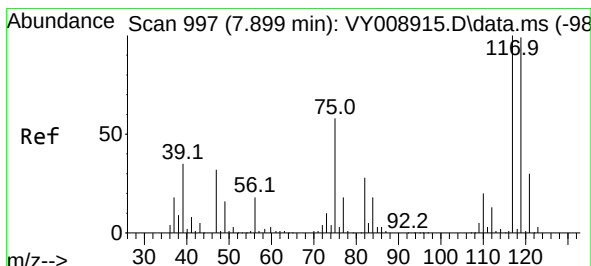
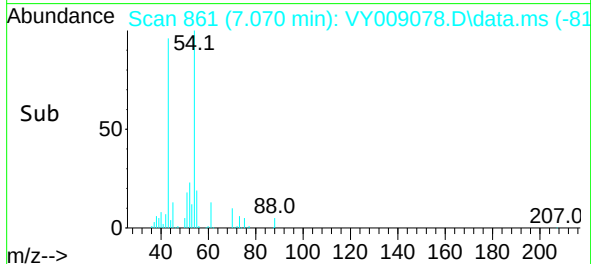
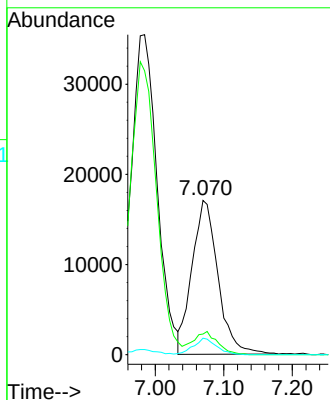
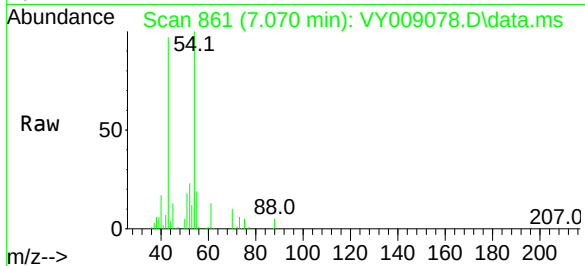




#37
Ethyl Acetate
Concen: 53.931 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

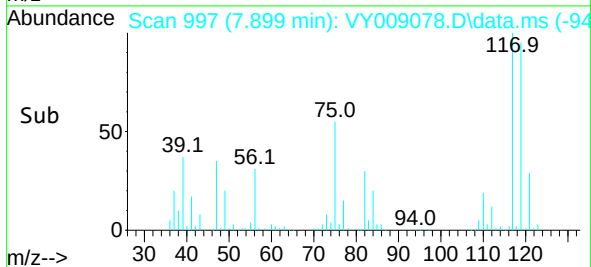
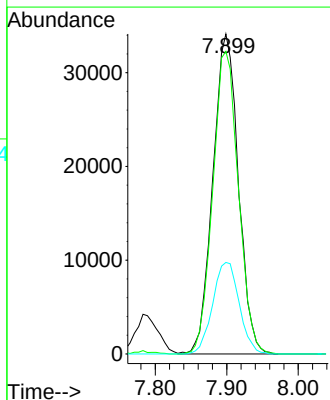
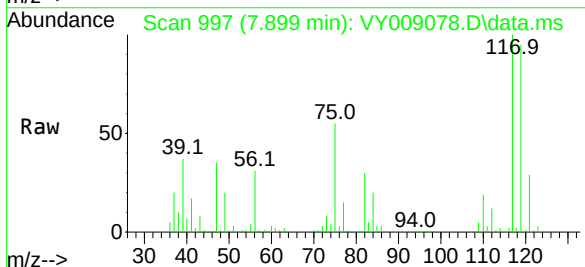
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

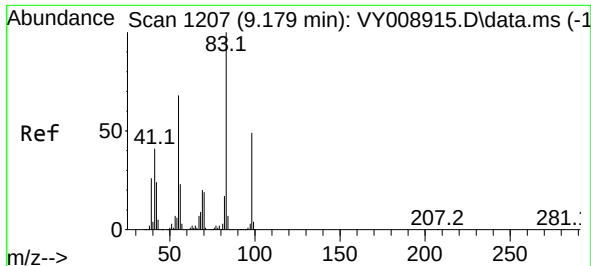
Tgt Ion: 43 Resp: 45025
Ion Ratio Lower Upper
43 100
61 13.4 9.7 14.5
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.128 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 117 Resp: 84397
Ion Ratio Lower Upper
117 100
119 94.6 77.9 116.9
121 28.6 24.8 37.2





#39

Methylcyclohexane

Concen: 49.362 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

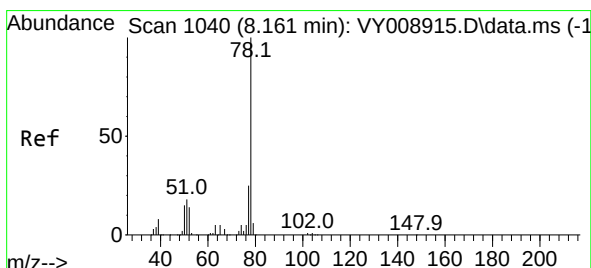
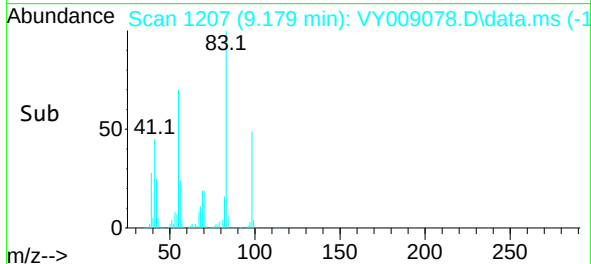
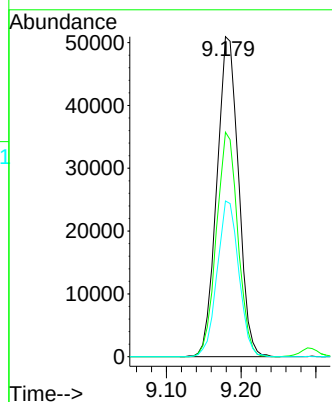
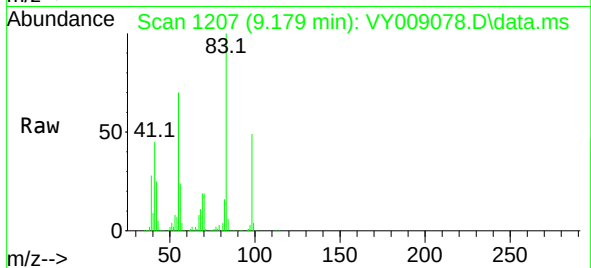
Tgt Ion: 83 Resp: 102546

Ion Ratio Lower Upper

83 100

55 70.1 66.5 99.7

98 48.6 37.9 56.9



#40

Benzene

Concen: 51.501 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009078.D

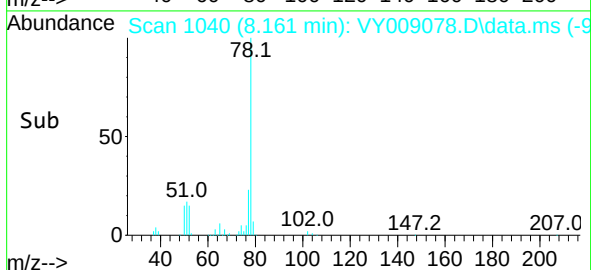
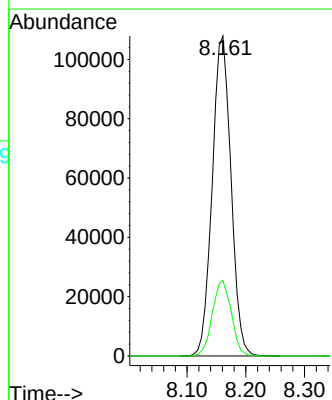
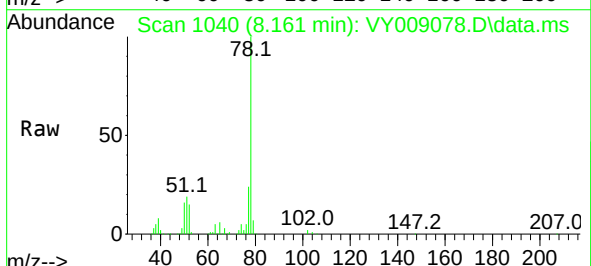
Acq: 24 May 2022 21:33

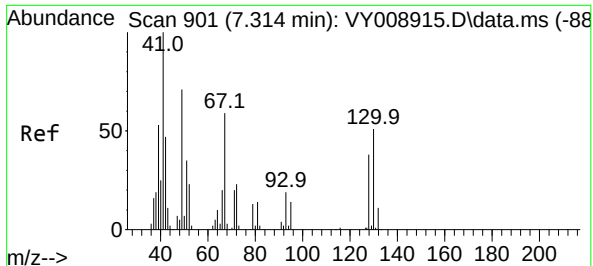
Tgt Ion: 78 Resp: 239015

Ion Ratio Lower Upper

78 100

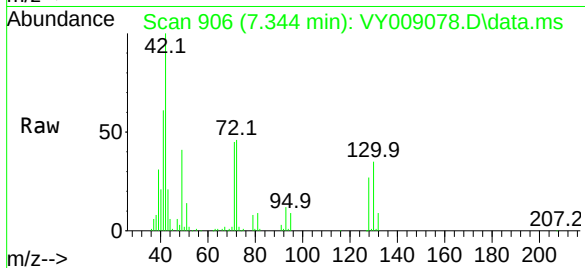
77 23.6 20.4 30.6



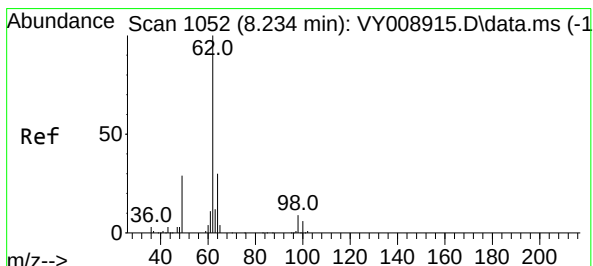
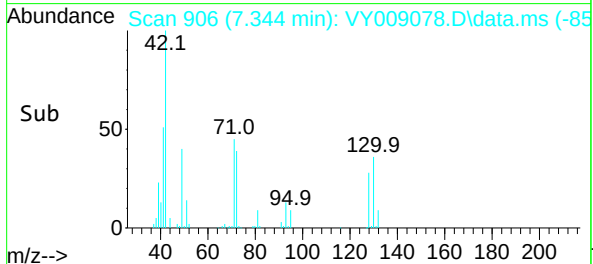
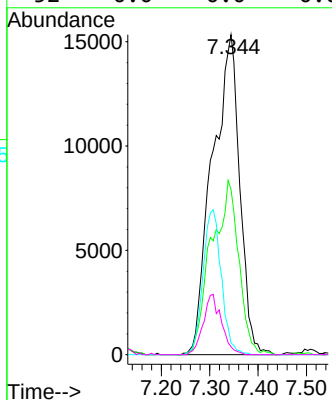


#41
Methacrylonitrile
Concen: 140.166 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

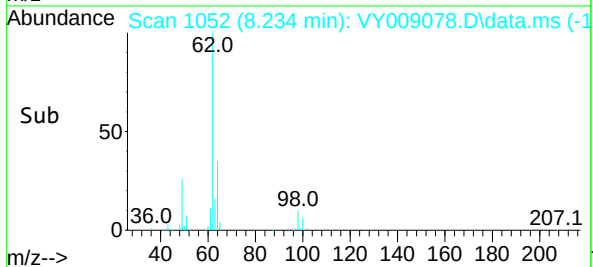
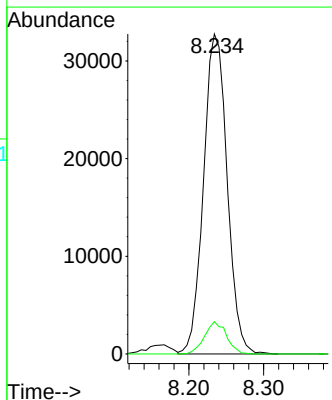
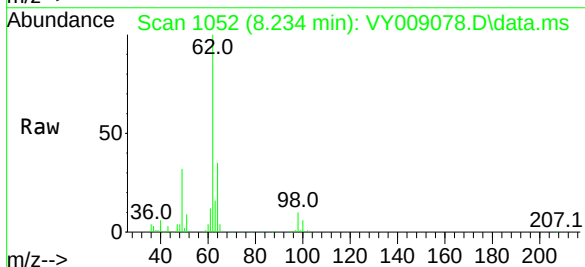


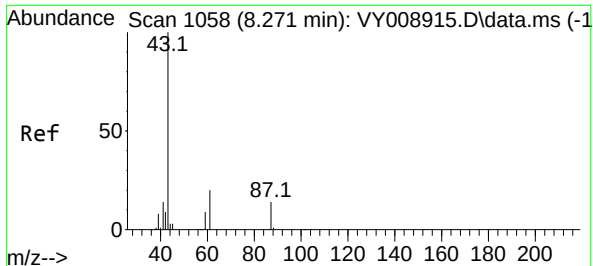
Tgt Ion: 41 Resp: 60385
Ion Ratio Lower Upper
41 100
39 53.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.896 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 62 Resp: 72086
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8

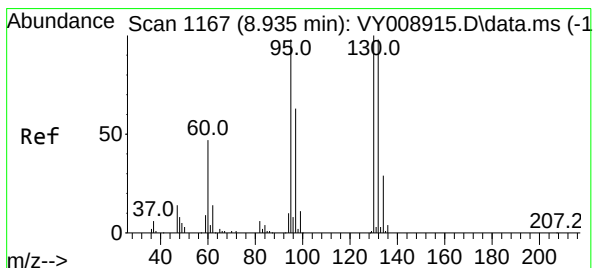
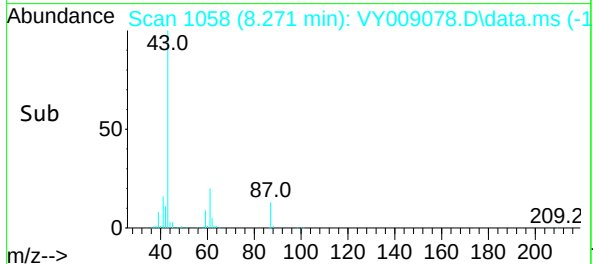
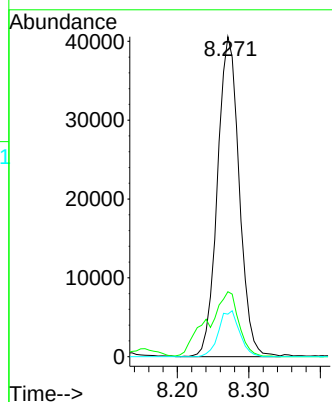
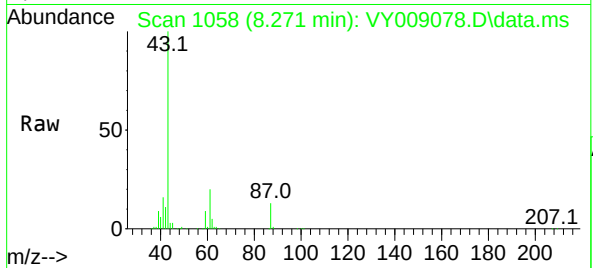




#43
Isopropyl Acetate
Concen: 55.239 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

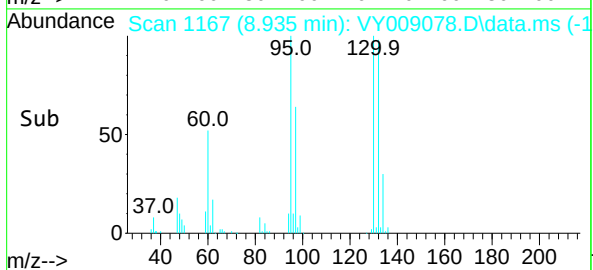
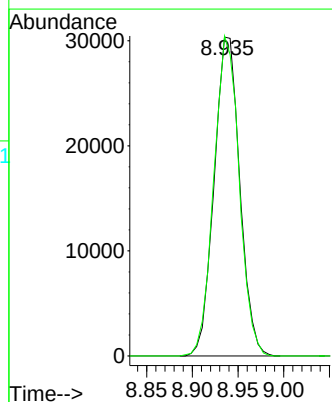
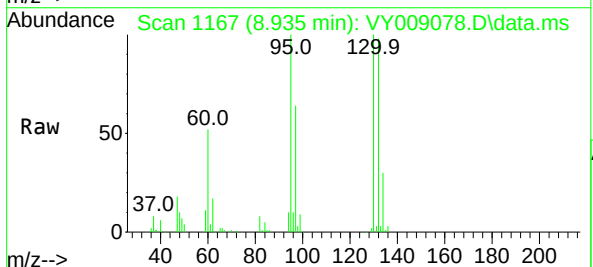
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

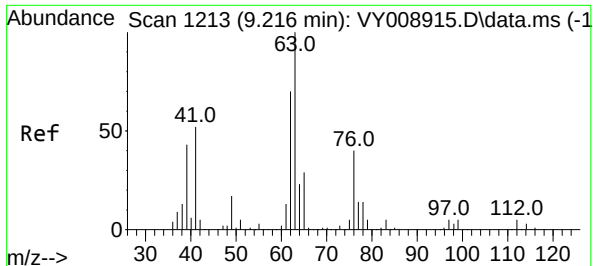
Tgt Ion: 43 Resp: 85750
Ion Ratio Lower Upper
43 100
61 29.4 20.2 30.2
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 48.196 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:130 Resp: 59225
Ion Ratio Lower Upper
130 100
95 100.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.206 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

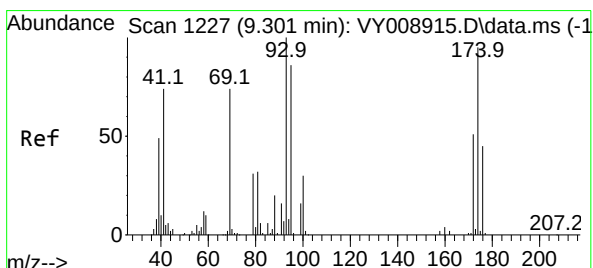
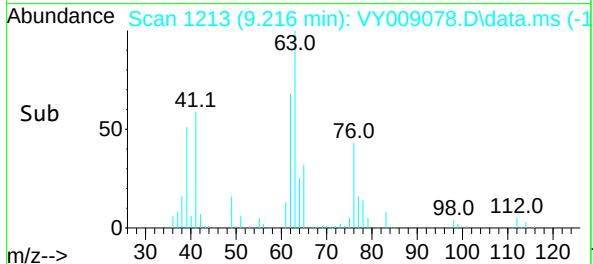
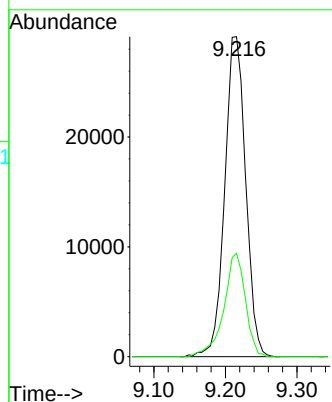
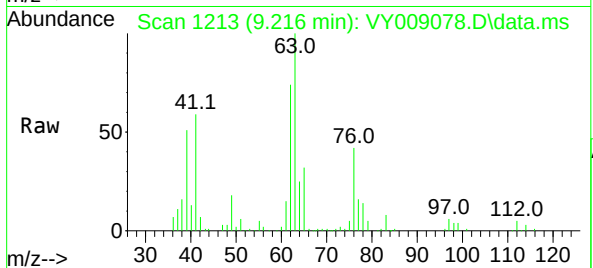
VSTDCCC050EC

Tgt Ion: 63 Resp: 59291

Ion Ratio Lower Upper

63 100

65 32.3 23.0 34.6



#46

Dibromomethane

Concen: 52.882 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

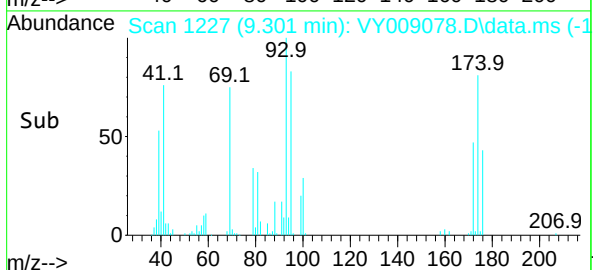
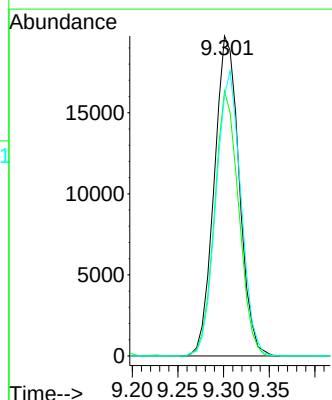
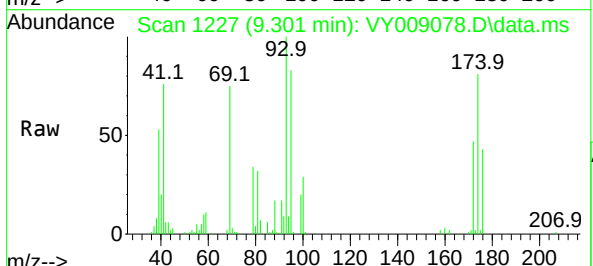
Tgt Ion: 93 Resp: 37471

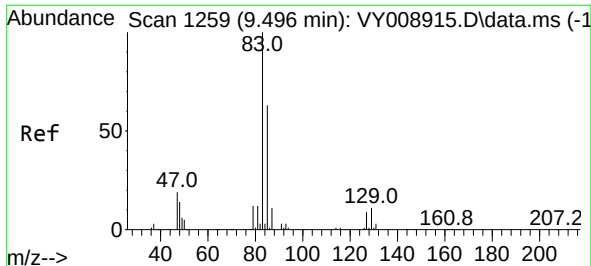
Ion Ratio Lower Upper

93 100

95 80.4 64.3 96.5

174 88.7 83.4 125.0

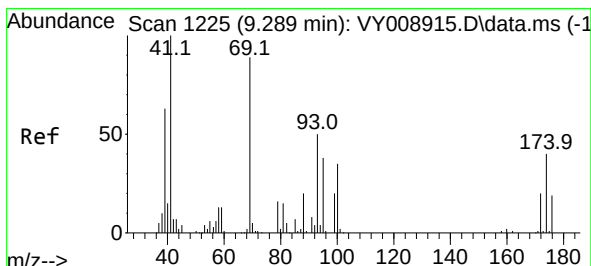
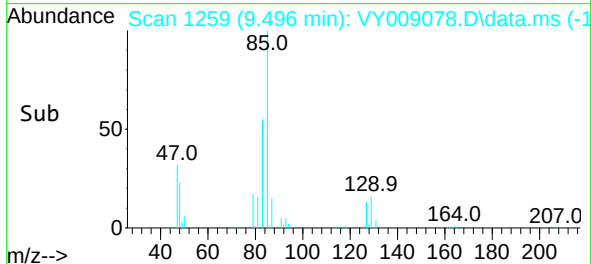
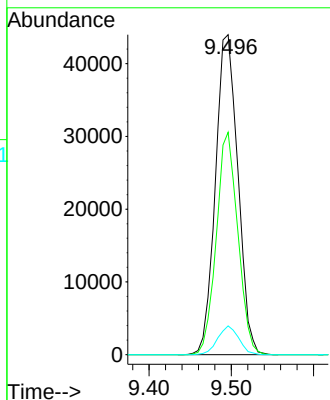
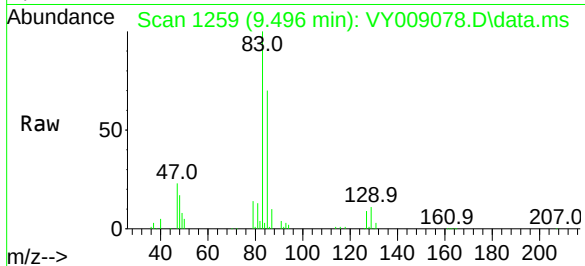




#47
Bromodichloromethane
Concen: 51.541 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

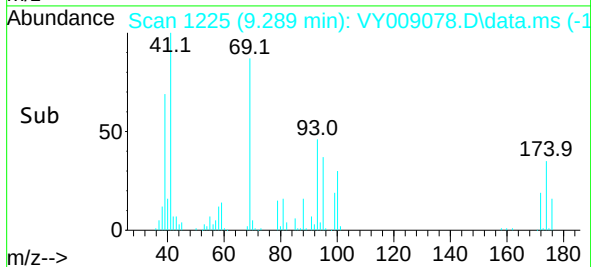
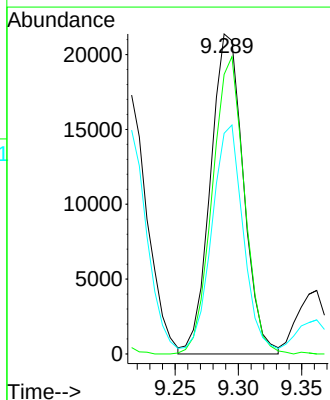
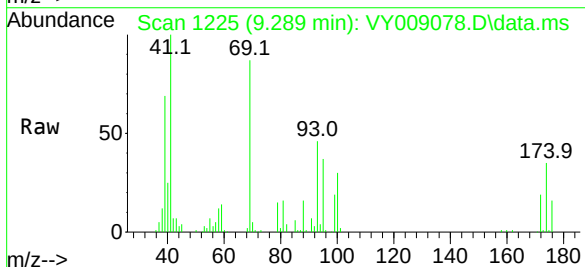
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

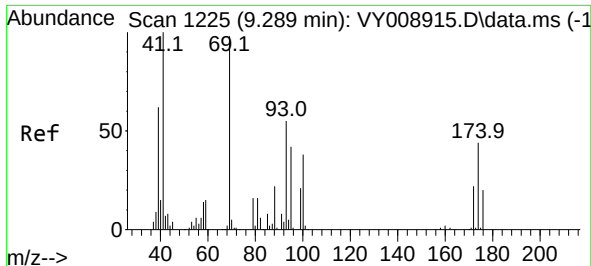
Tgt Ion: 83 Resp: 83466
Ion Ratio Lower Upper
83 100
85 69.5 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 55.806 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 41 Resp: 38683
Ion Ratio Lower Upper
41 100
69 90.1 58.2 87.2#
39 65.7 47.4 71.0





#49

1,4-Dioxane

Concen: 974.226 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

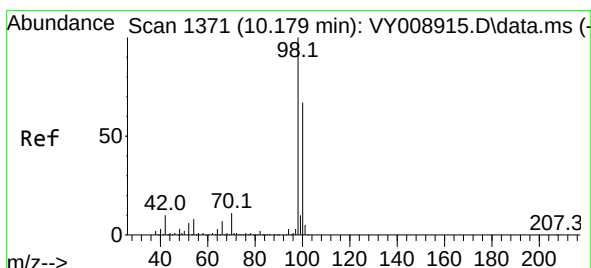
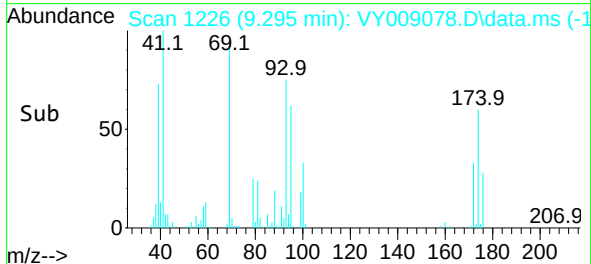
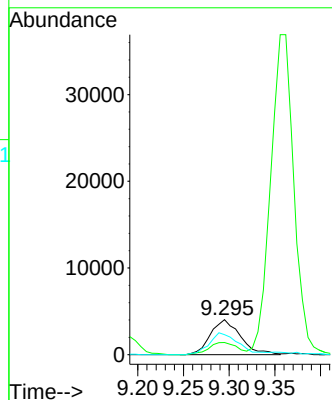
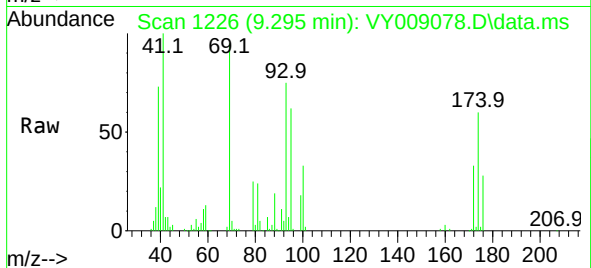
Tgt Ion: 88 Resp: 9228

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

58 60.9 59.8 89.6



#50

Toluene-d8

Concen: 42.015 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009078.D

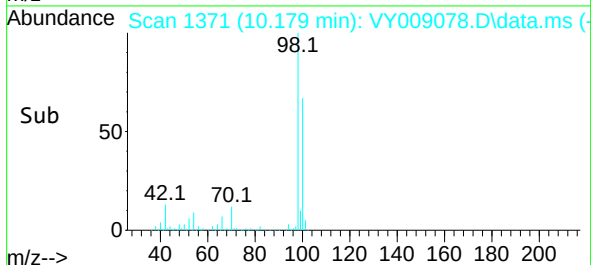
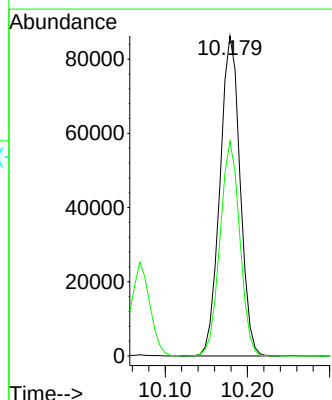
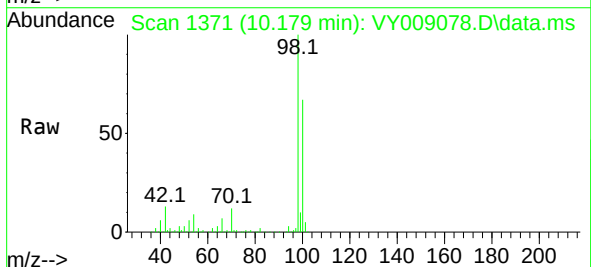
Acq: 24 May 2022 21:33

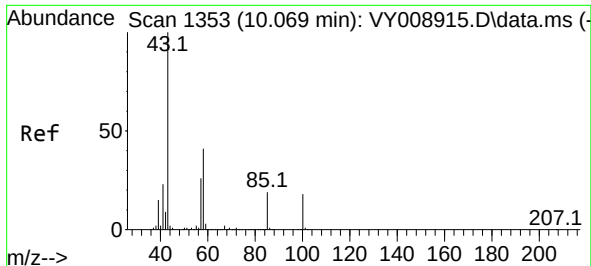
Tgt Ion: 98 Resp: 146585

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

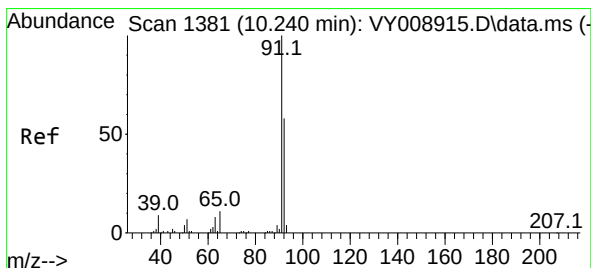
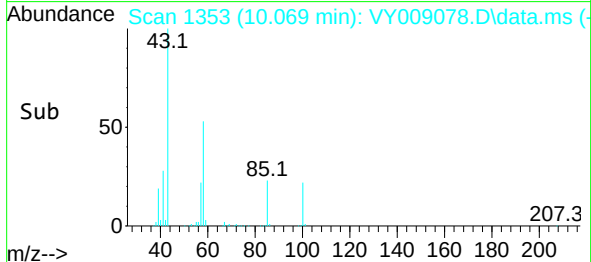
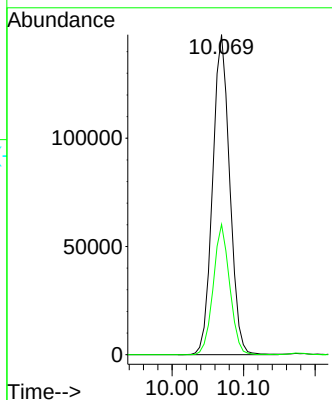
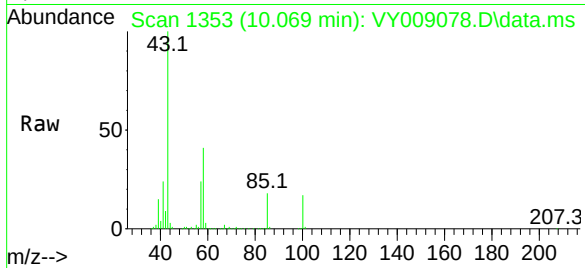




#51
4-Methyl-2-Pentanone
Concen: 285.388 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

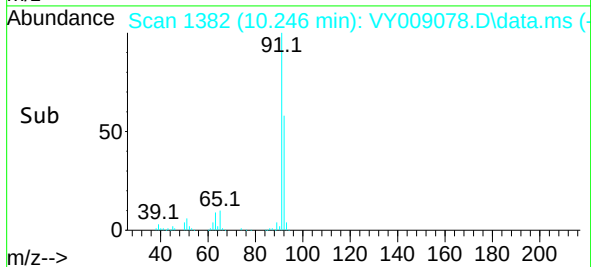
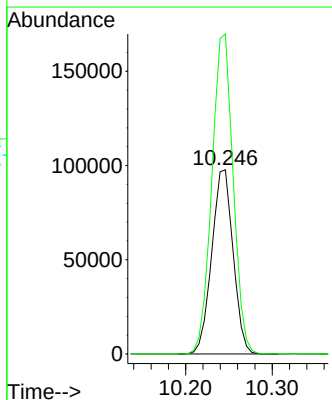
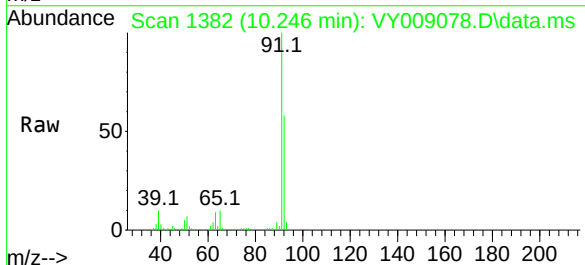
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

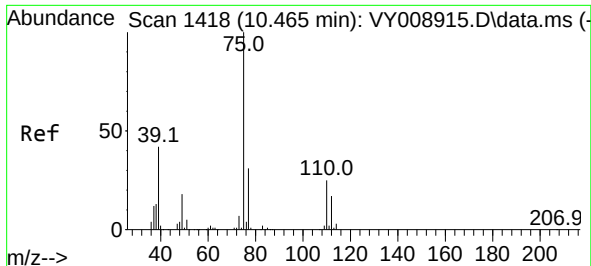
Tgt Ion: 43 Resp: 245182
Ion Ratio Lower Upper
43 100
58 39.2 28.1 42.1



#52
Toluene
Concen: 51.704 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 92 Resp: 167692
Ion Ratio Lower Upper
92 100
91 173.0 142.6 213.8

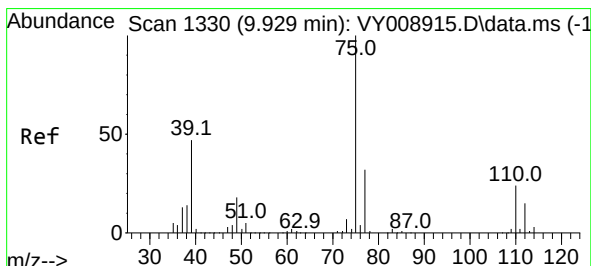
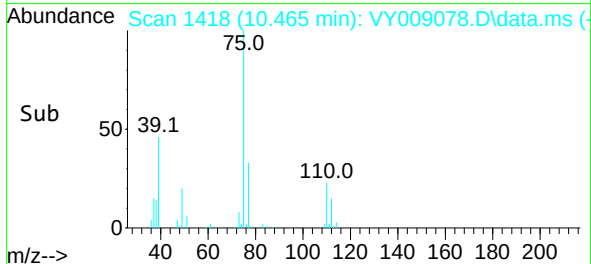
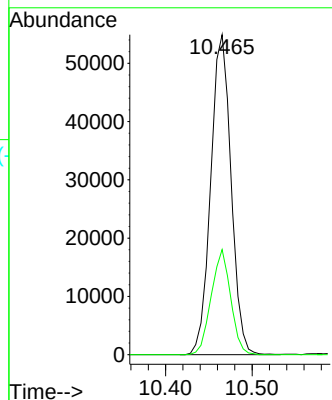
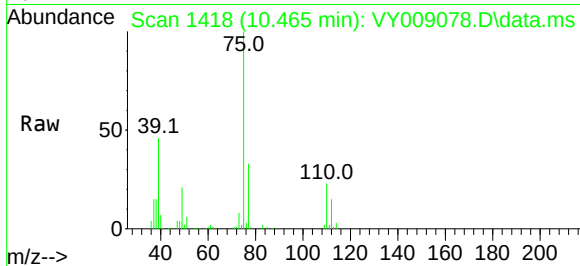




#53
t-1,3-Dichloropropene
Concen: 52.028 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

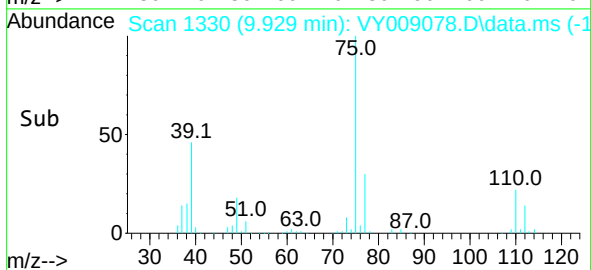
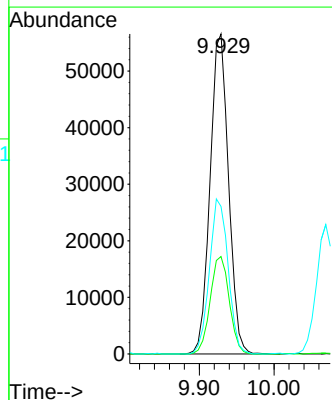
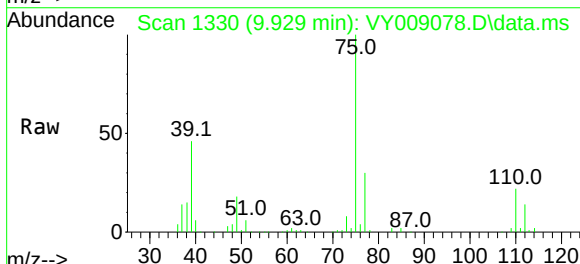
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

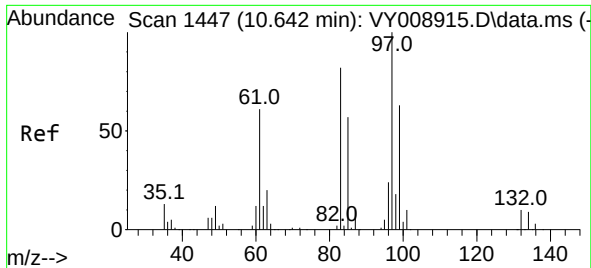
Tgt Ion: 75 Resp: 89472
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.372 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 75 Resp: 96821
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 46.1 47.6 71.4#

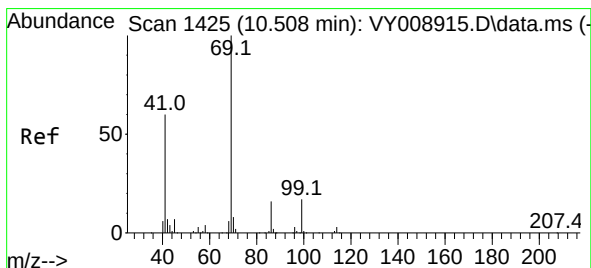
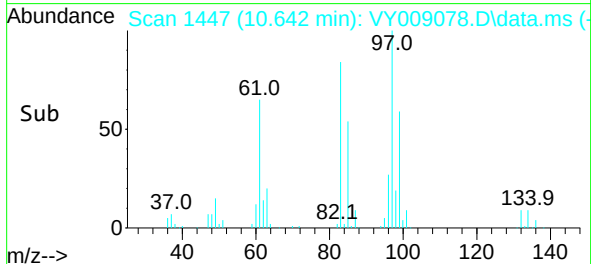
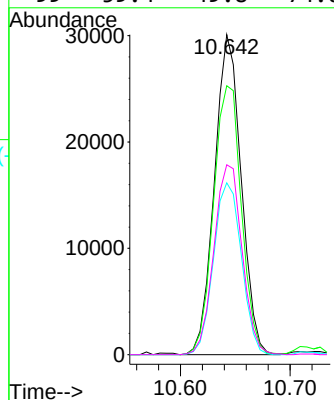
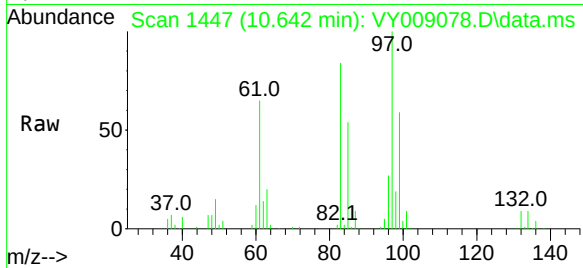




#55
 1,1,2-Trichloroethane
 Concen: 51.385 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

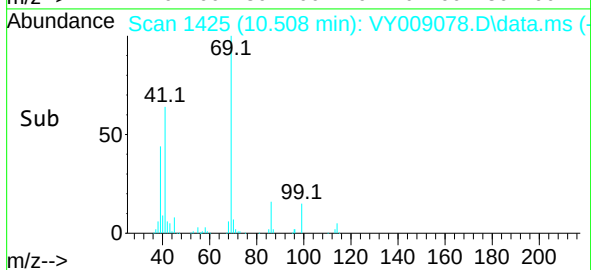
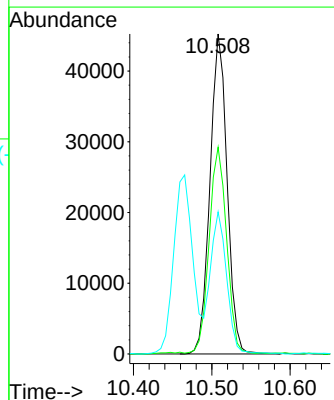
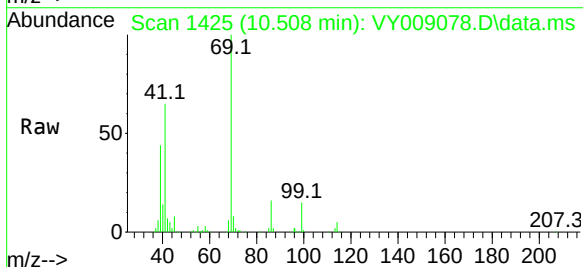
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

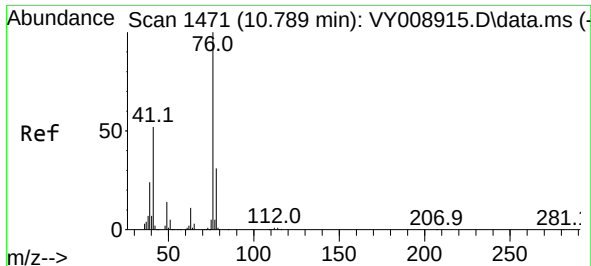
Tgt Ion:	97	Resp:	50940
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.8	104.8
85	53.7	44.3	66.5
99	59.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 54.151 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

Tgt Ion:	69	Resp:	68632
Ion	Ratio	Lower	Upper
69	100		
41	65.7	63.4	95.0
39	41.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.661 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

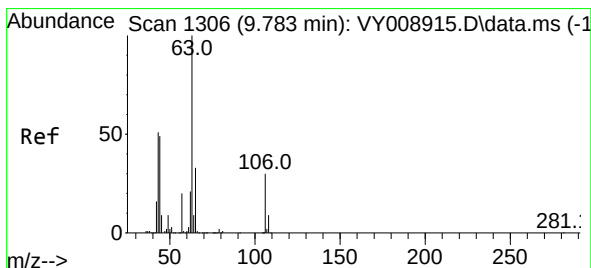
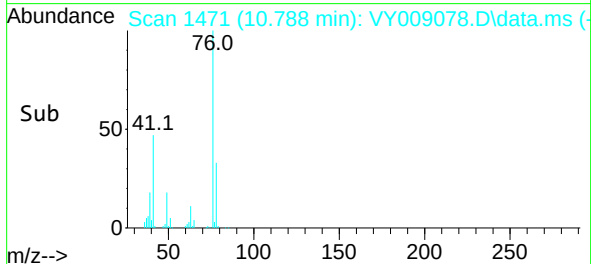
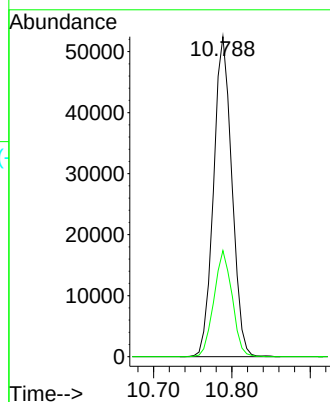
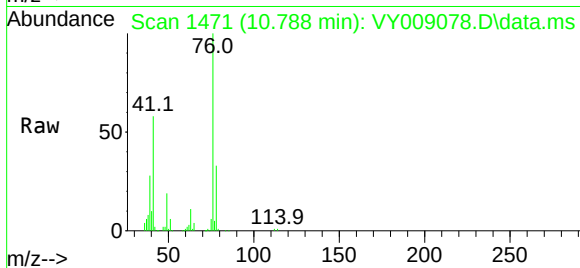
VSTDCCC050EC

Tgt Ion: 76 Resp: 85160

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 280.569 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY009078.D

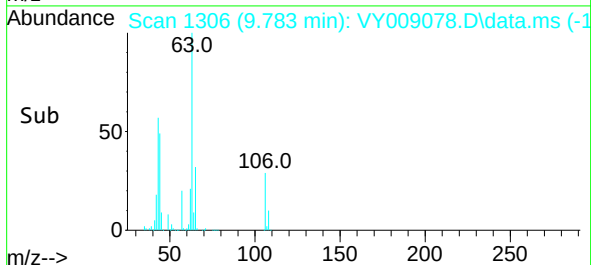
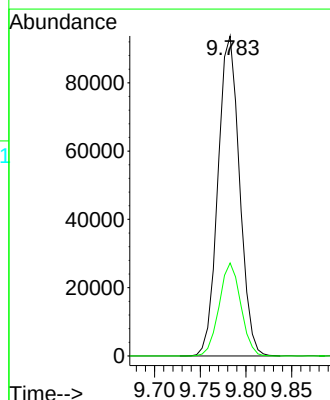
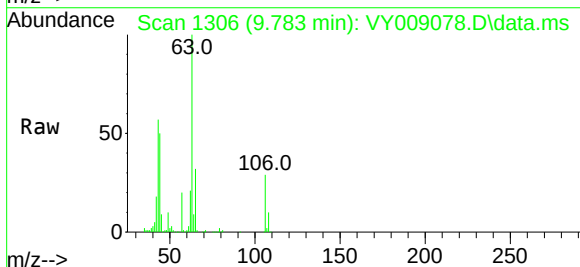
Acq: 24 May 2022 21:33

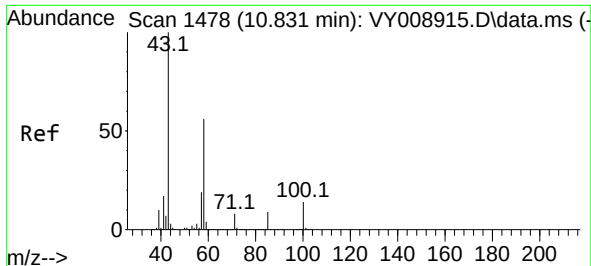
Tgt Ion: 63 Resp: 153843

Ion Ratio Lower Upper

63 100

106 29.1 21.5 32.3

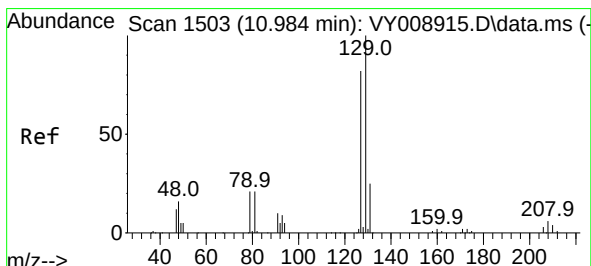
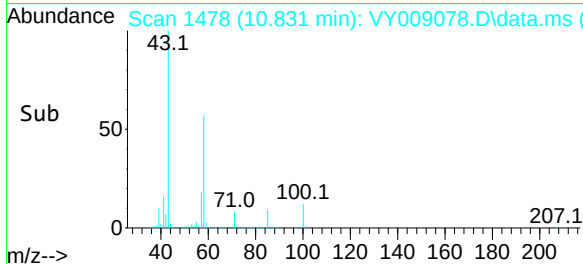
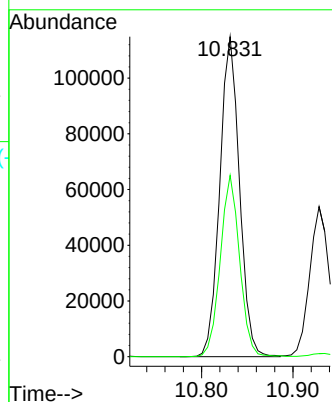
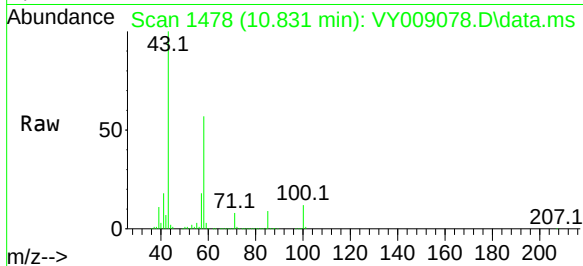




#59
2-Hexanone
Concen: 292.868 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

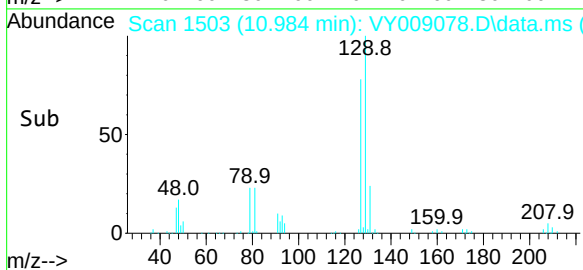
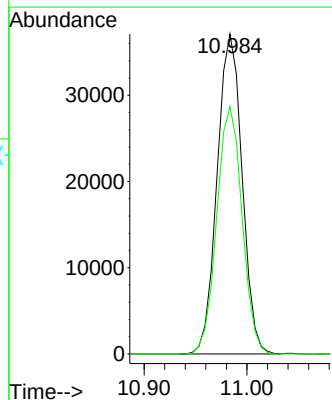
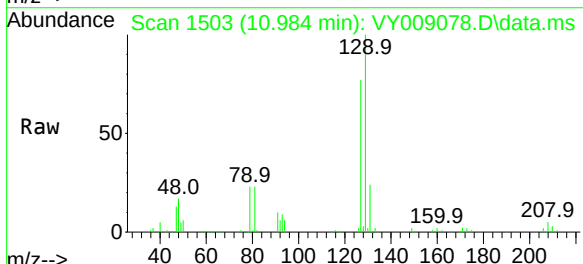
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

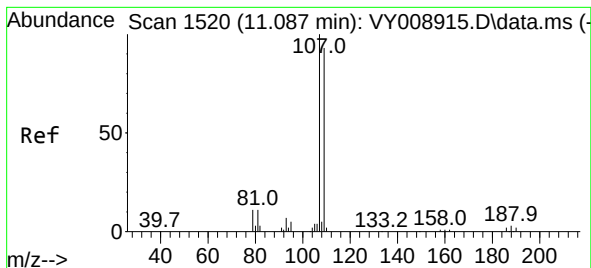
Tgt Ion: 43 Resp: 172269
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4



#60
Dibromochloromethane
Concen: 52.066 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:129 Resp: 62568
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

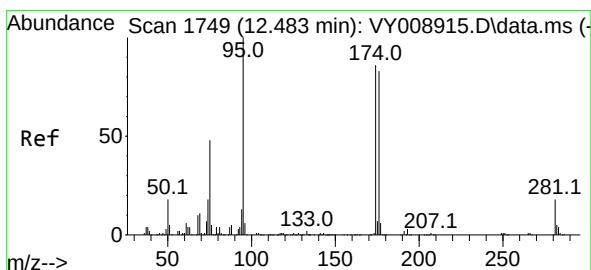
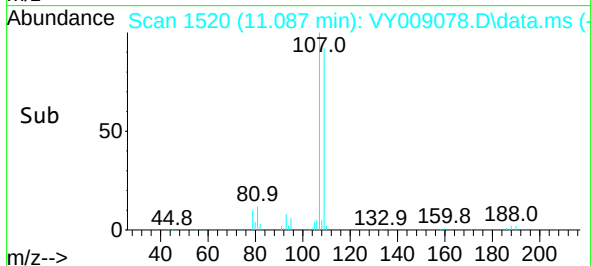
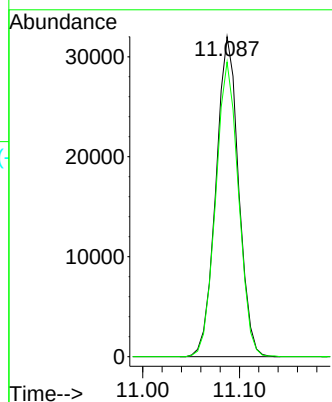
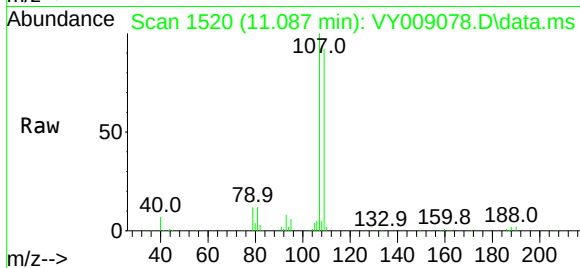




#61
1,2-Dibromoethane
Concen: 52.850 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

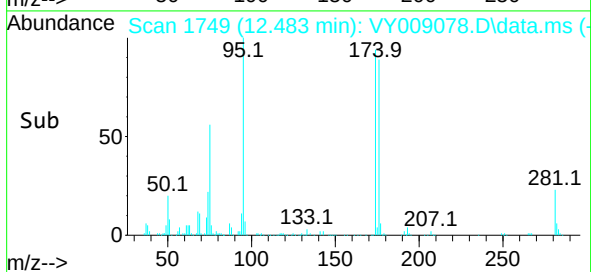
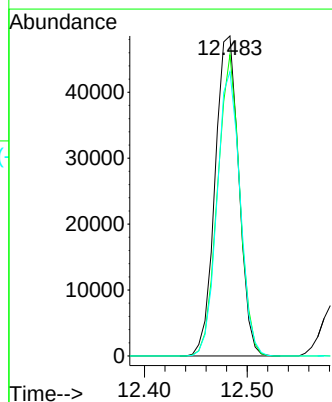
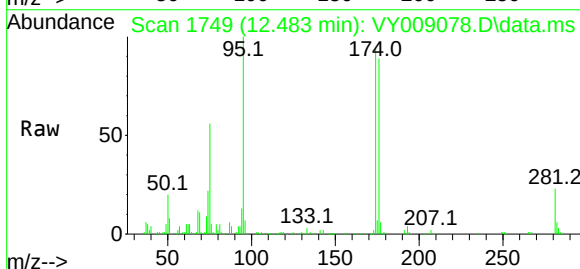
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

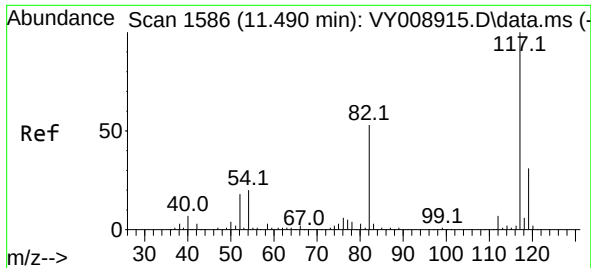
Tgt Ion:107 Resp: 51917
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 95 Resp: 77677
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 86.4 0.0 175.8

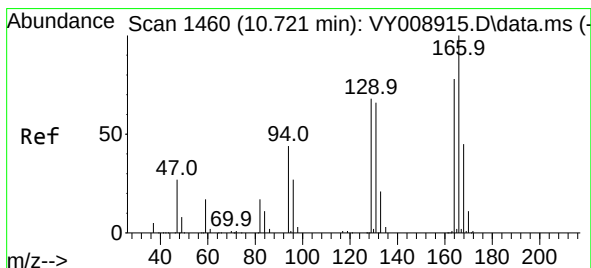
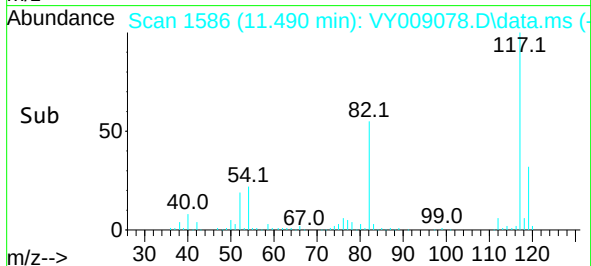
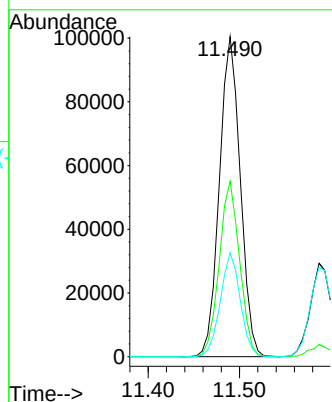
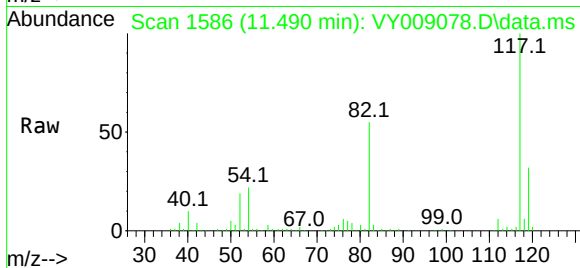




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

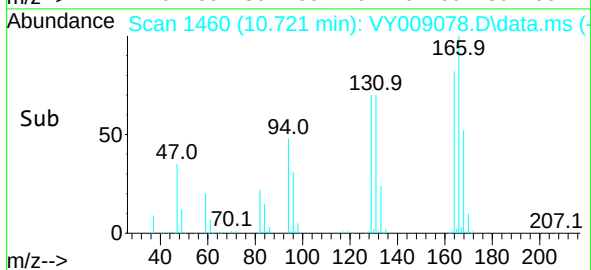
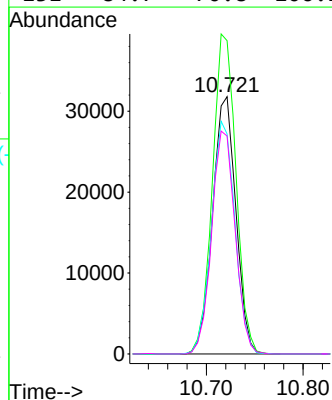
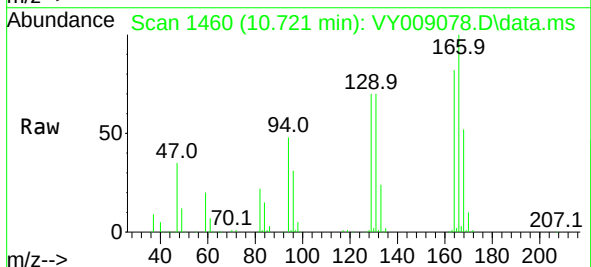
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

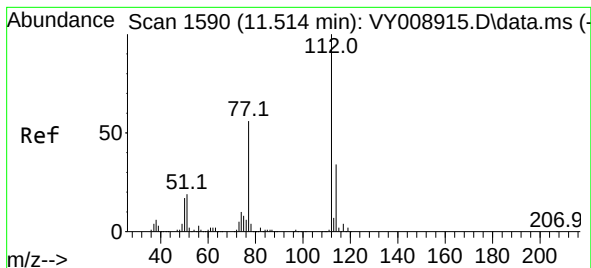
Tgt Ion:117 Resp: 159503
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 45.945 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:164 Resp: 53341
Ion Ratio Lower Upper
164 100
166 121.8 100.4 150.6
129 85.5 71.4 107.0
131 84.7 70.8 106.2

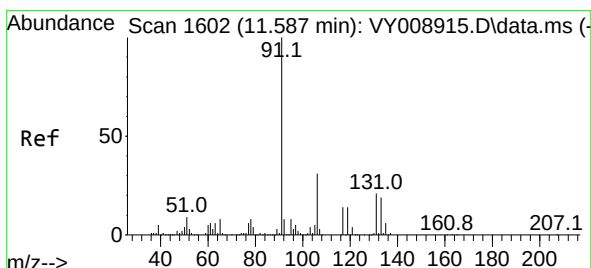
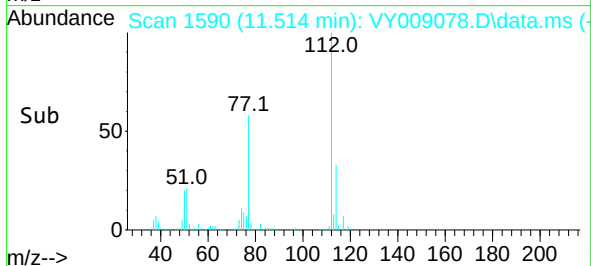
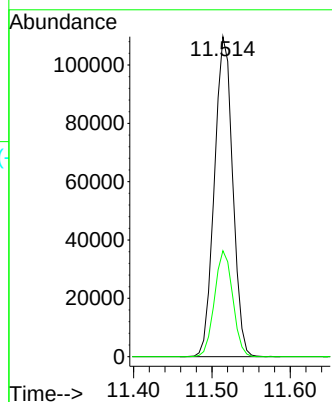
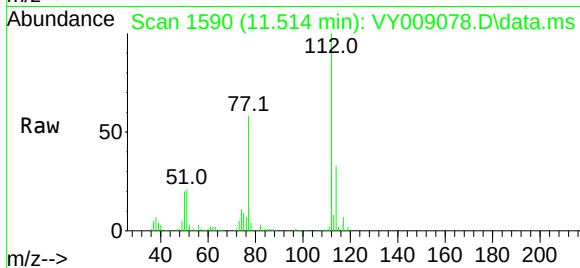




#65
Chlorobenzene
Concen: 48.656 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

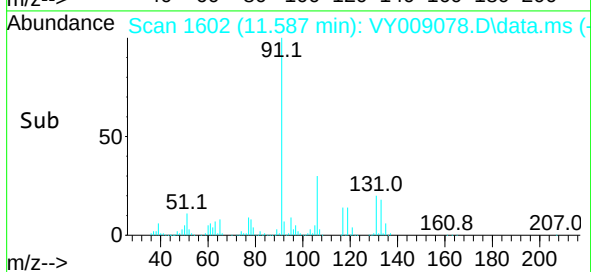
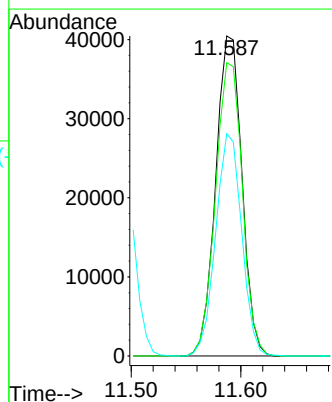
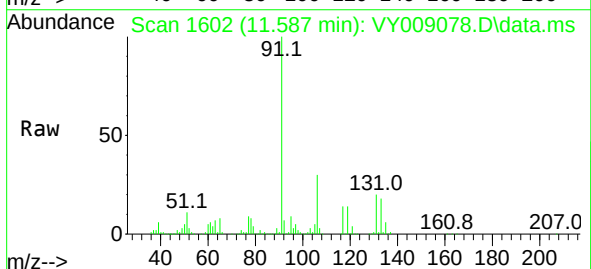
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

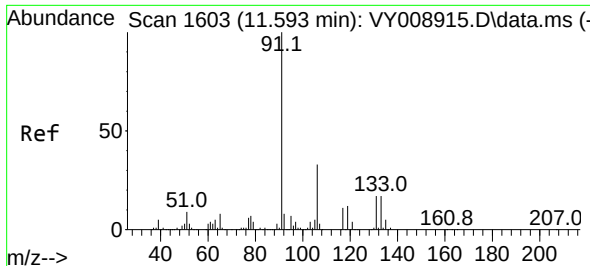
Tgt Ion:112 Resp: 178127
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.202 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:131 Resp: 67296
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 69.0 30.8 92.3





#67

Ethyl Benzene

Concen: 50.655 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

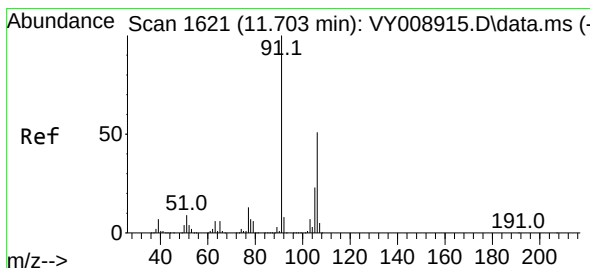
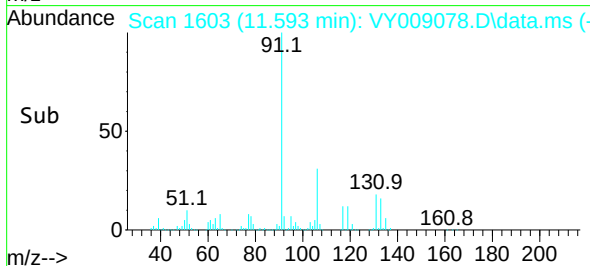
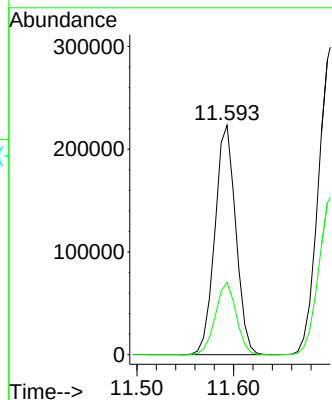
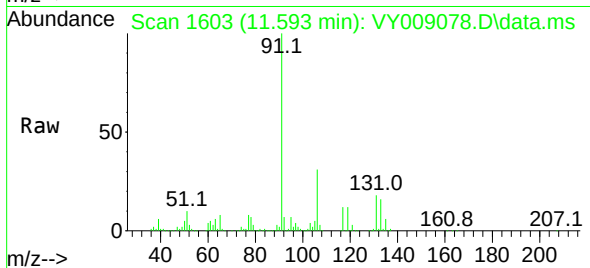
VSTDCCC050EC

Tgt Ion: 91 Resp: 334199

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 104.878 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009078.D

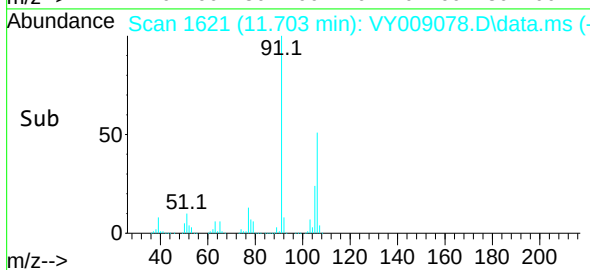
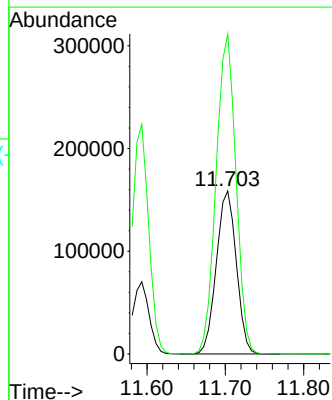
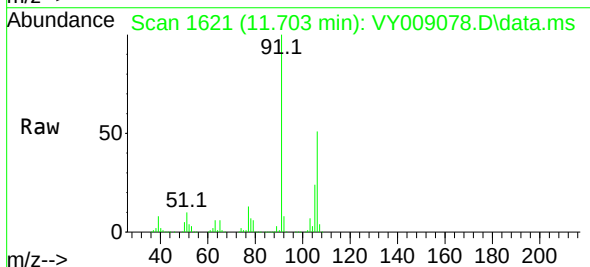
Acq: 24 May 2022 21:33

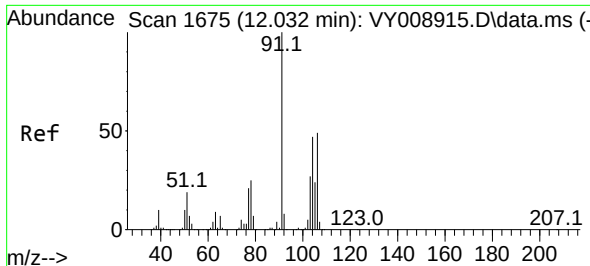
Tgt Ion:106 Resp: 280892

Ion Ratio Lower Upper

106 100

91 195.3 166.6 249.8

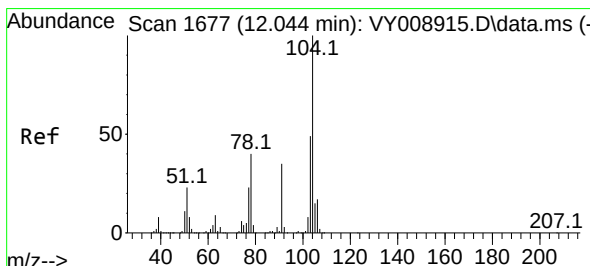
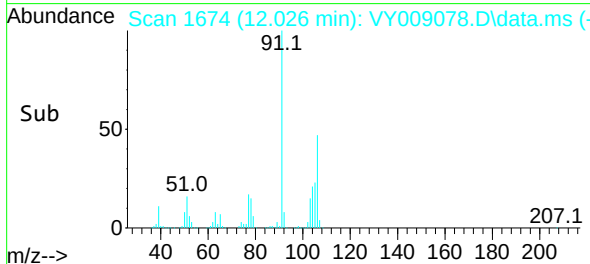
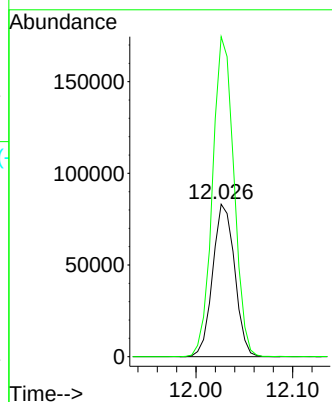
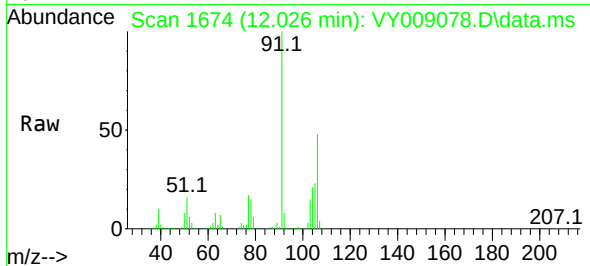




#69
o-Xylene
Concen: 52.768 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

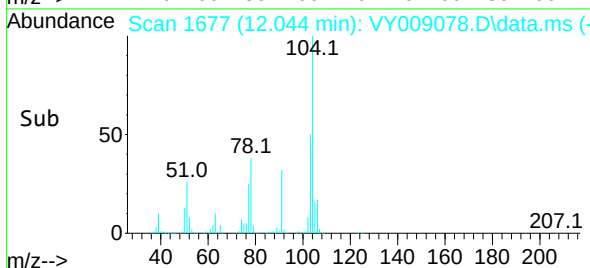
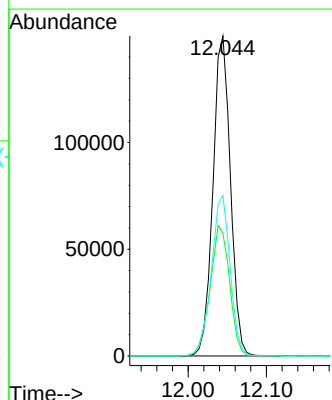
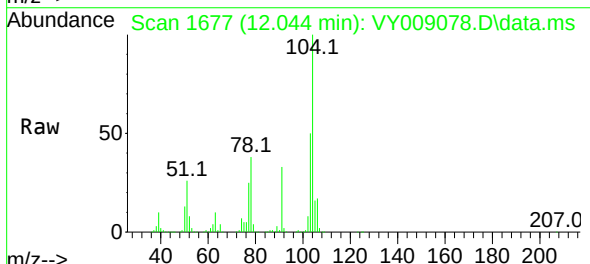
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

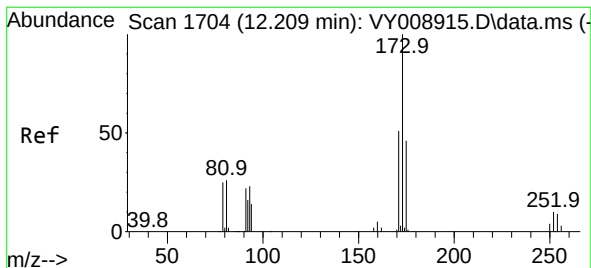
Tgt Ion:106 Resp: 131241
Ion Ratio Lower Upper
106 100
91 204.7 110.3 331.0



#70
Styrene
Concen: 54.366 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:104 Resp: 232532
Ion Ratio Lower Upper
104 100
78 45.2 42.4 63.6
103 53.7 44.4 66.6





#71

Bromoform

Concen: 51.740 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

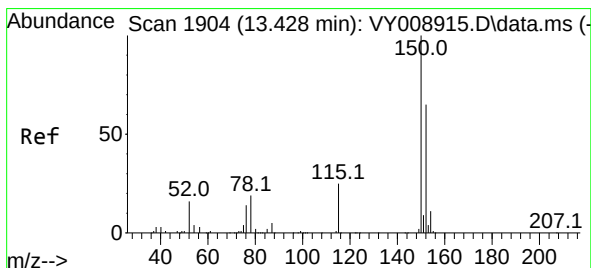
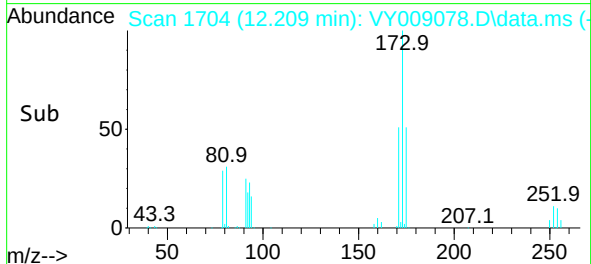
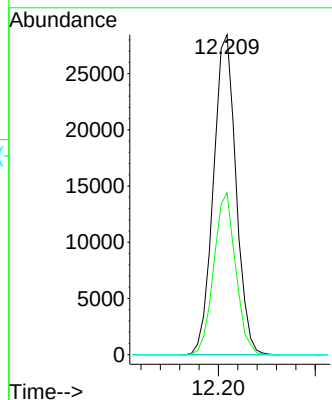
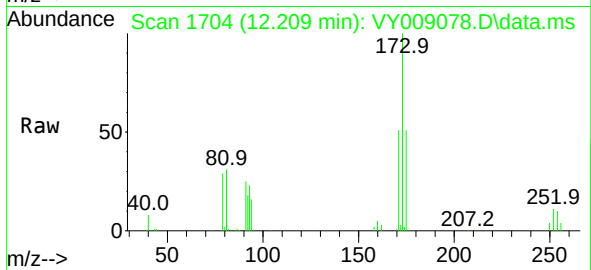
Tgt Ion:173 Resp: 45978

Ion Ratio Lower Upper

173 100

175 49.0 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: VY009078.D

Acq: 24 May 2022 21:33

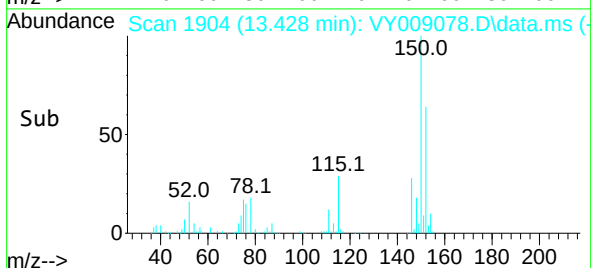
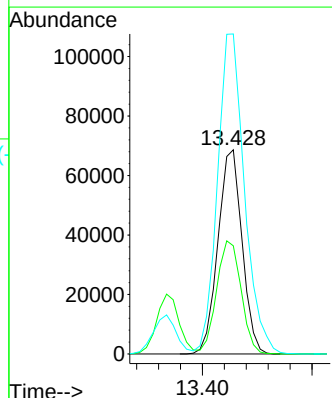
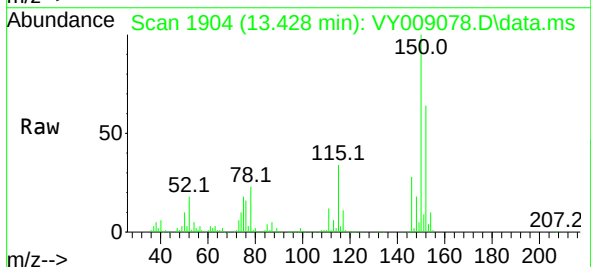
Tgt Ion:152 Resp: 104902

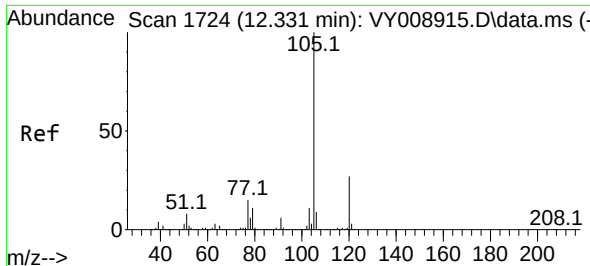
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 175.7 0.0 347.6

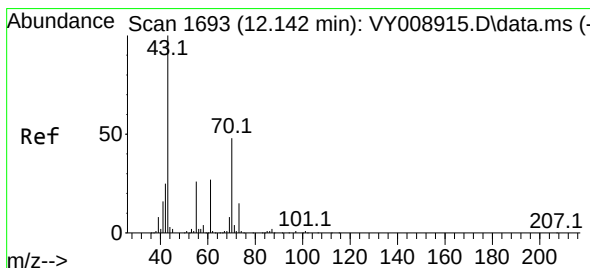
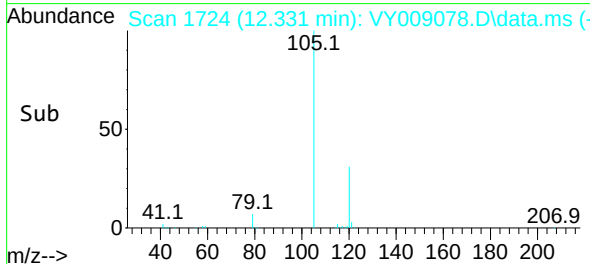
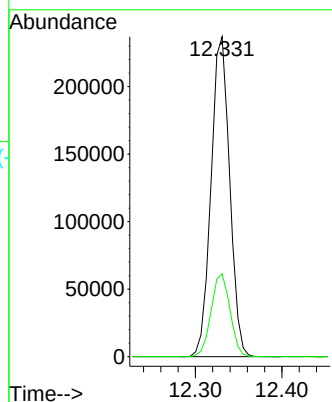
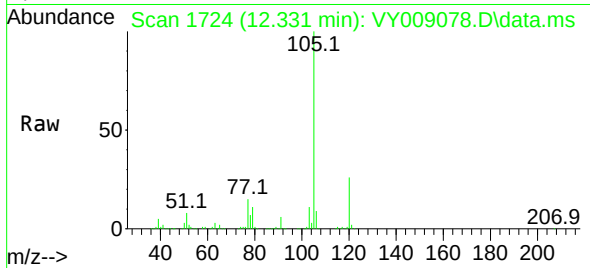




#73
Isopropylbenzene
Concen: 45.118 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

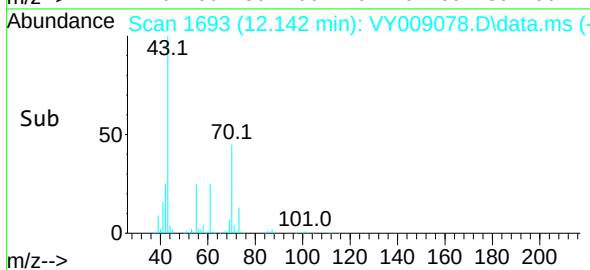
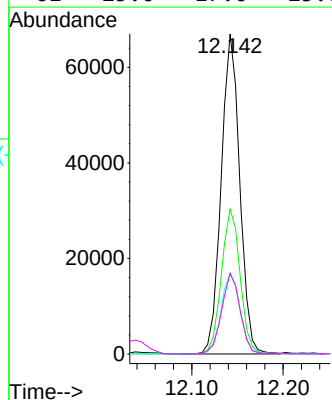
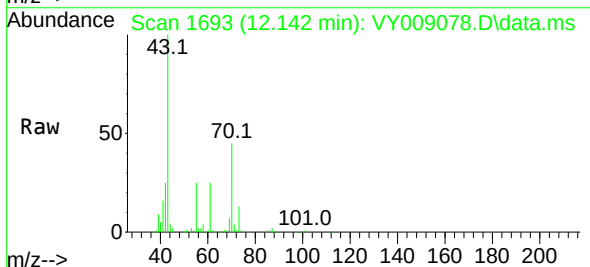
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

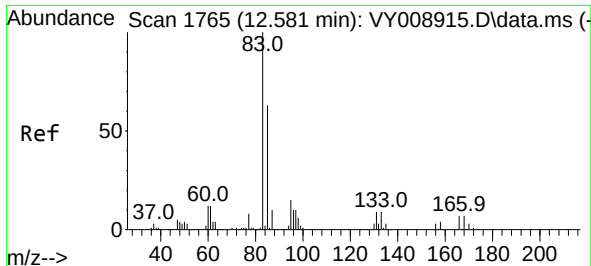
Tgt Ion:105 Resp: 353903
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 52.265 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 43 Resp: 94588
Ion Ratio Lower Upper
43 100
70 45.6 28.7 43.1#
55 25.9 17.3 25.9#
61 25.0 17.0 25.6

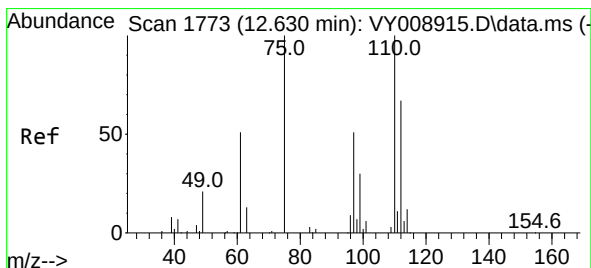
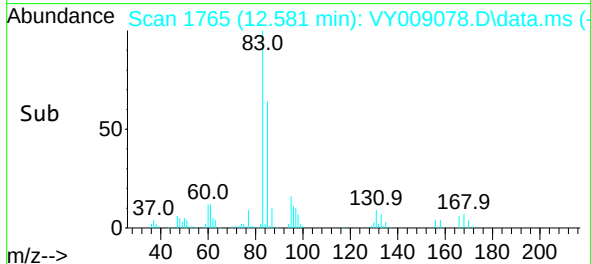
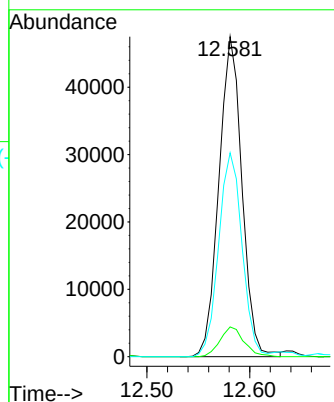
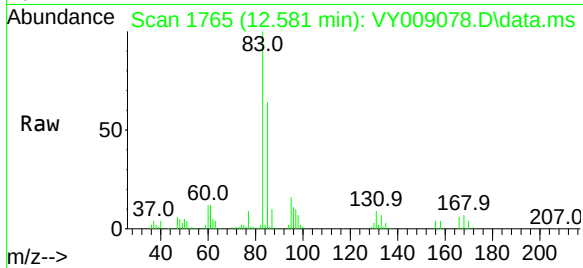




#75
1,1,2,2-Tetrachloroethane
Concen: 45.784 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

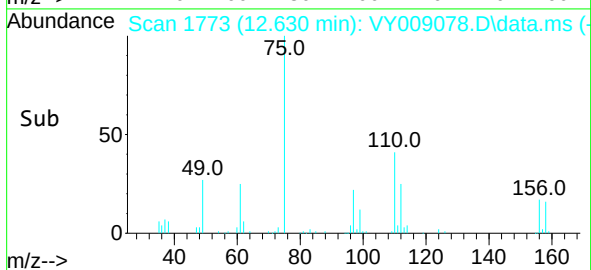
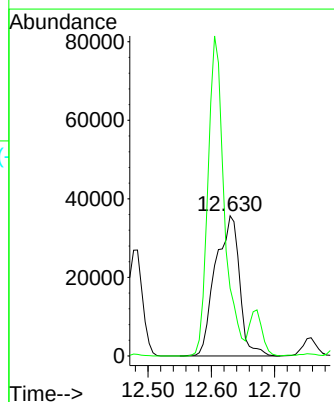
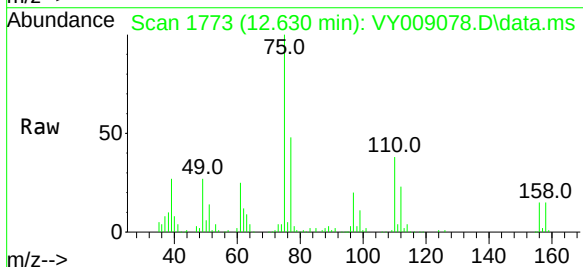
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

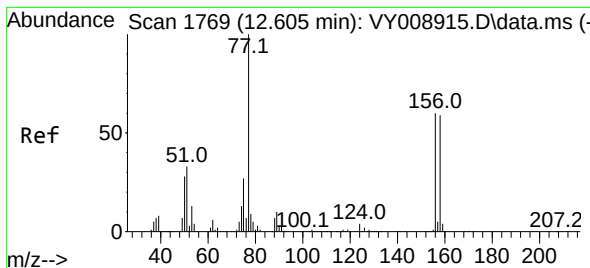
Tgt Ion: 83 Resp: 73979
Ion Ratio Lower Upper
83 100
131 9.7 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 83.824 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 75 Resp: 94430
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.085 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

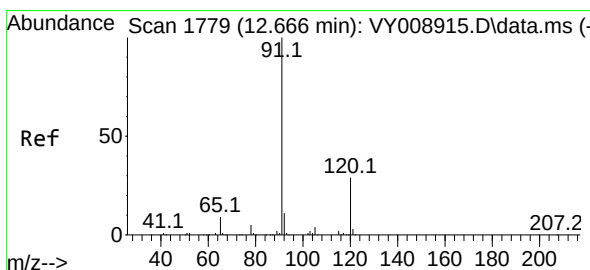
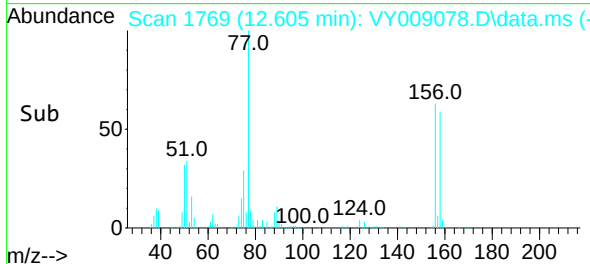
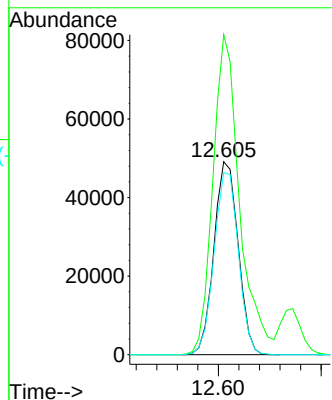
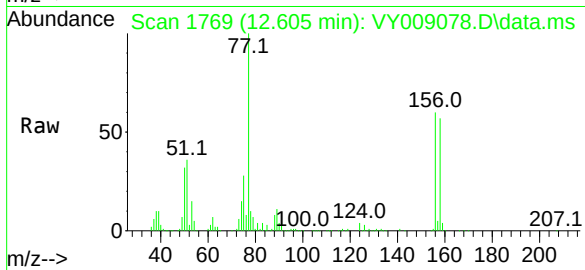
Tgt Ion:156 Resp: 80160

Ion Ratio Lower Upper

156 100

77 183.3 95.5 286.4

158 95.1 48.0 144.0



#78

n-propylbenzene

Concen: 49.852 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009078.D

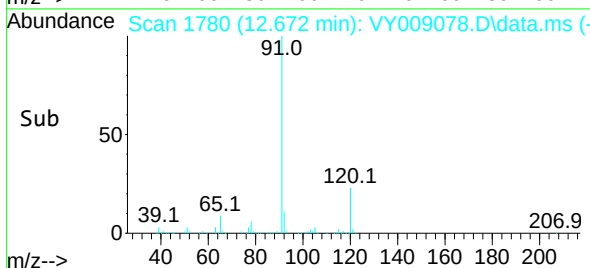
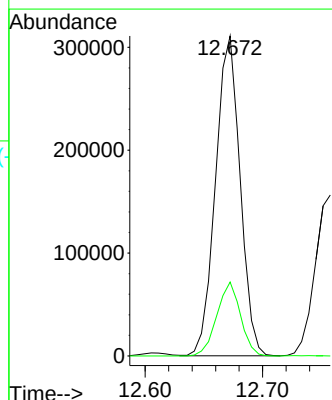
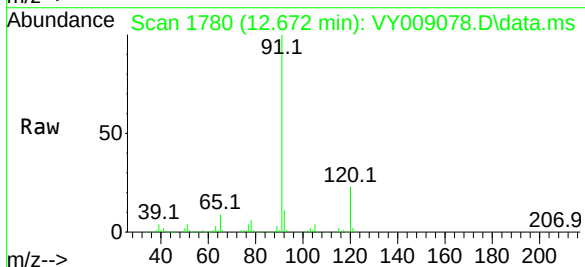
Acq: 24 May 2022 21:33

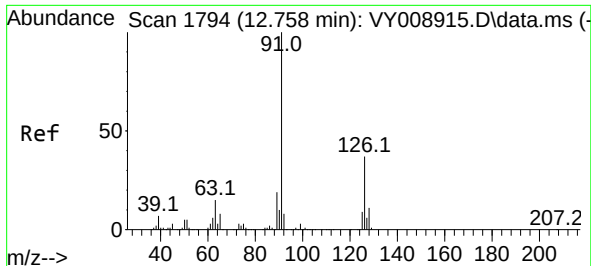
Tgt Ion: 91 Resp: 451787

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.9

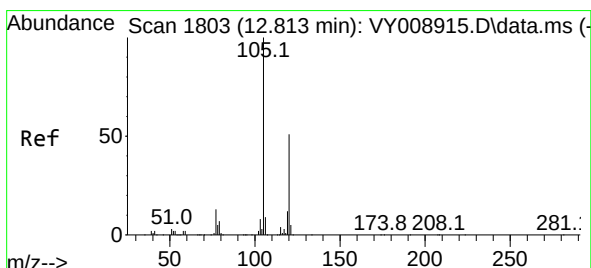
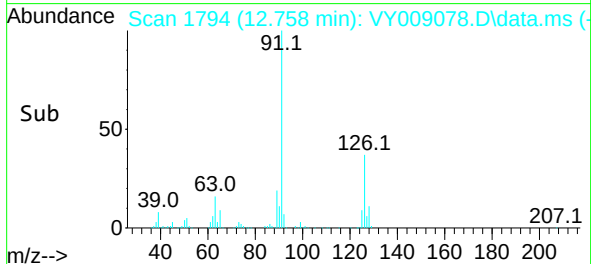
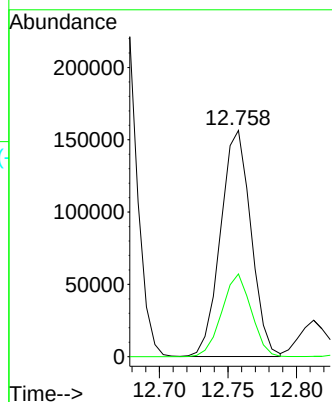
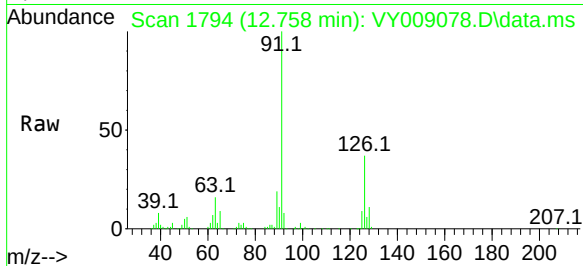




#79
2-Chlorotoluene
Concen: 46.246 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

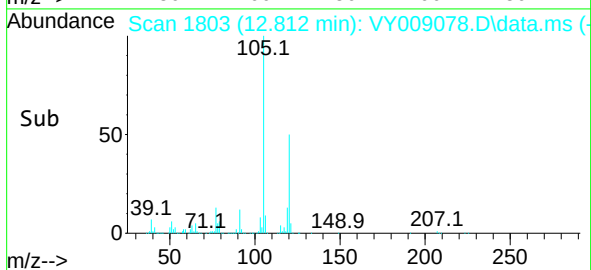
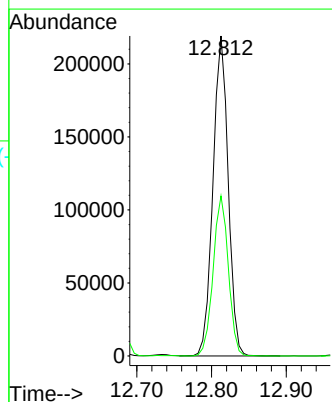
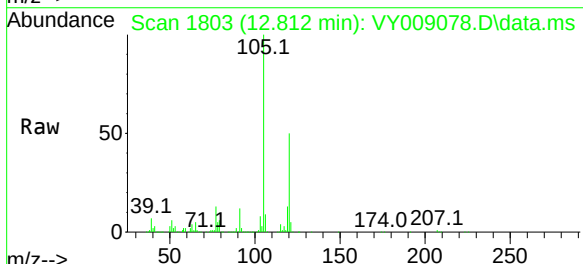
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

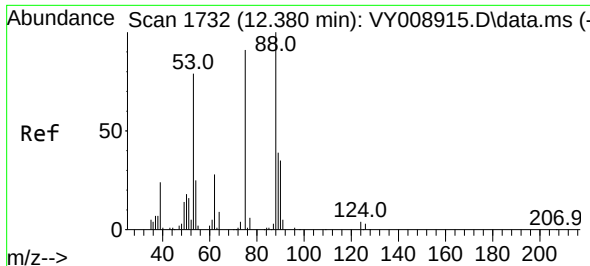
Tgt Ion: 91 Resp: 241748
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.283 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 105 Resp: 310867
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4

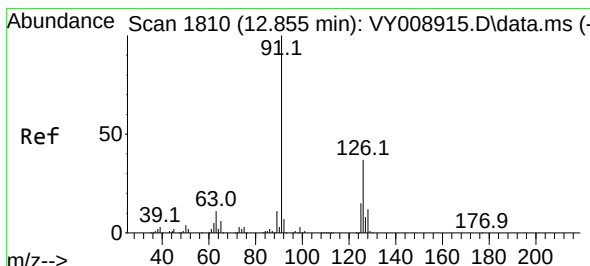
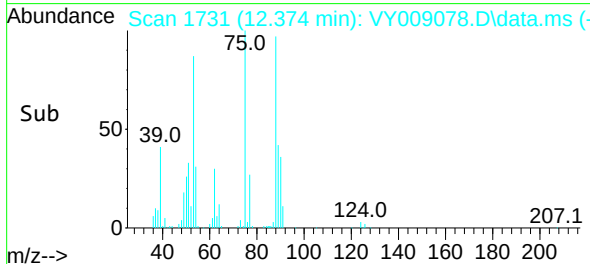
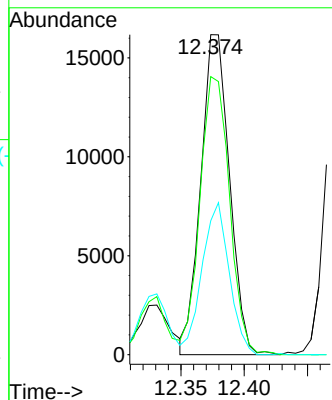
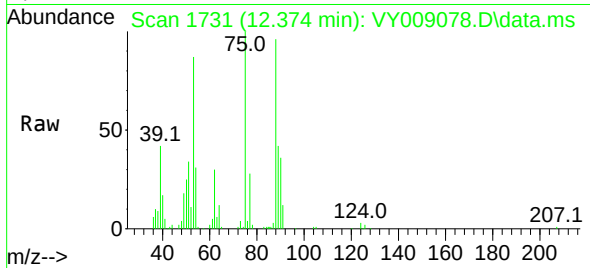




#81
trans-1,4-Dichloro-2-butene
Concen: 46.648 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

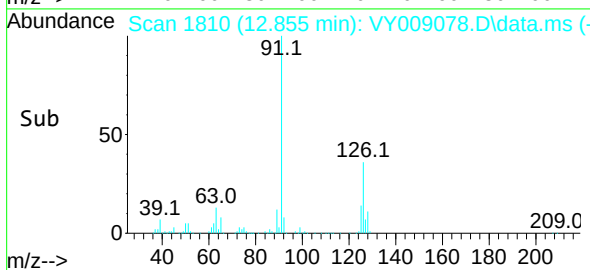
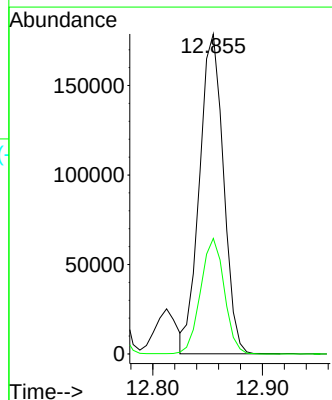
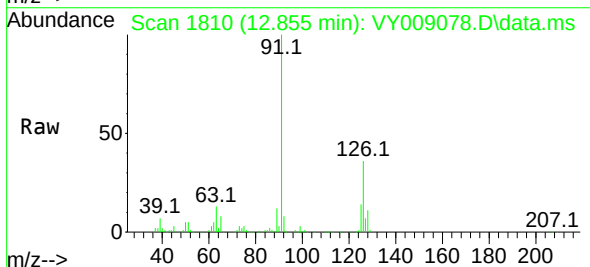
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

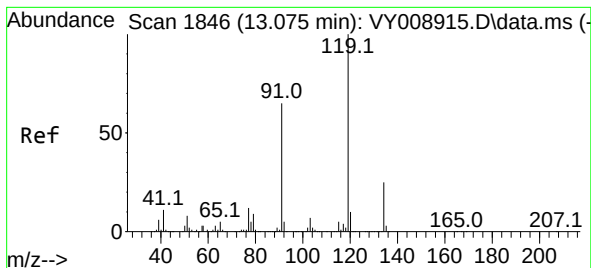
Tgt Ion: 75 Resp: 25603
Ion Ratio Lower Upper
75 100
53 89.3 85.3 127.9
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.586 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 91 Resp: 271653
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

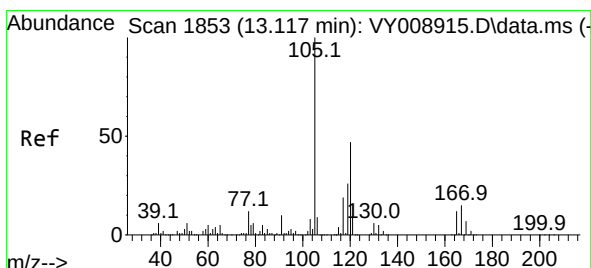
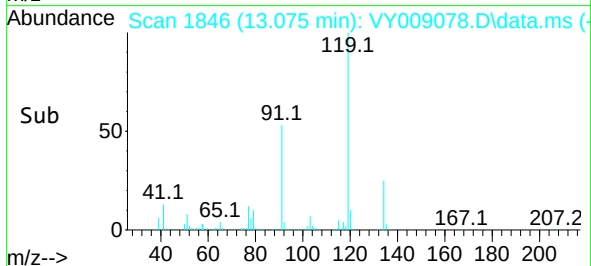
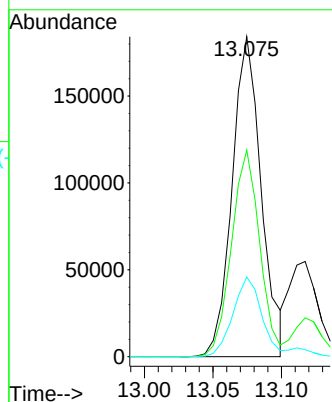
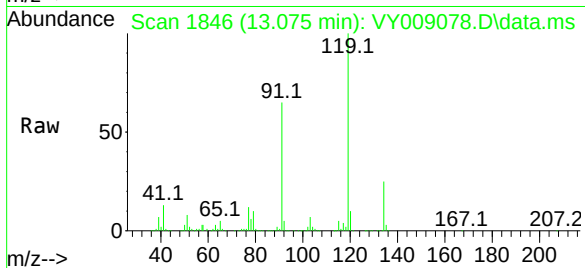




#83
tert-Butylbenzene
Concen: 46.817 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

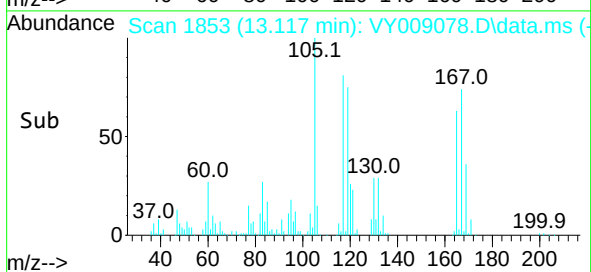
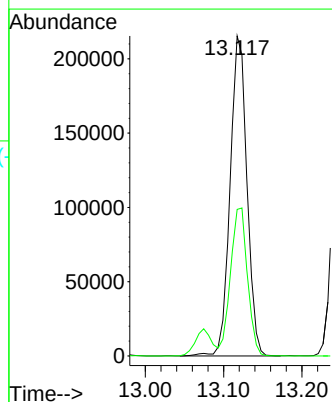
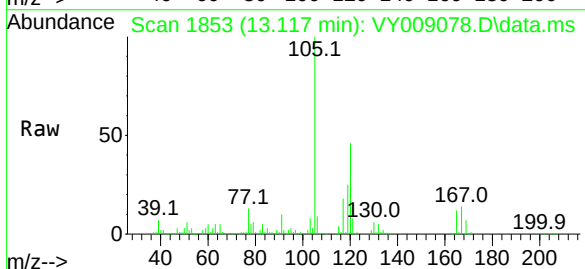
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

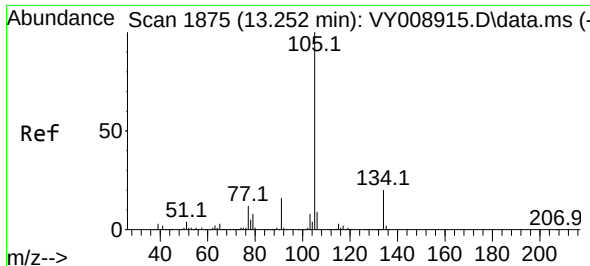
Tgt Ion:119 Resp: 273078
Ion Ratio Lower Upper
119 100
91 62.4 34.8 104.4
134 24.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.221 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion:105 Resp: 321249
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9

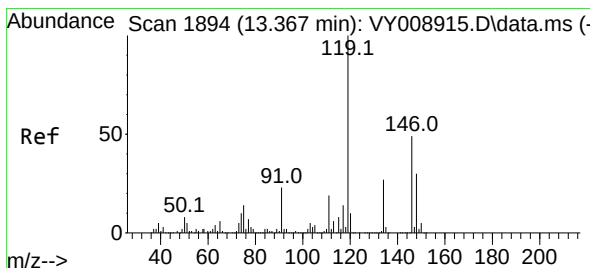
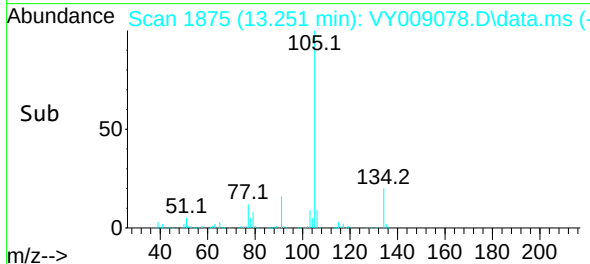
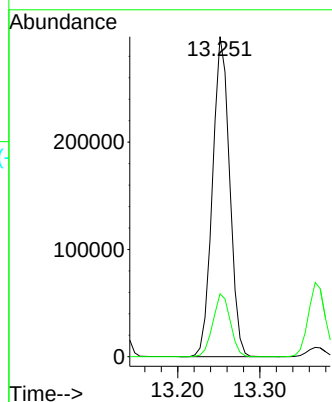
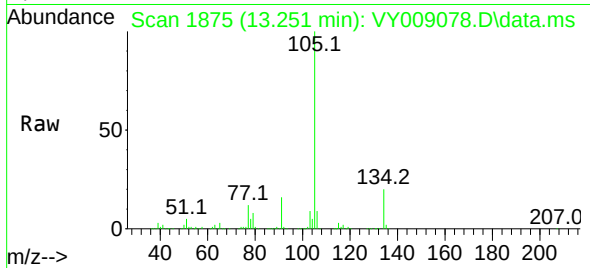




#85
 sec-Butylbenzene
 Concen: 48.351 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

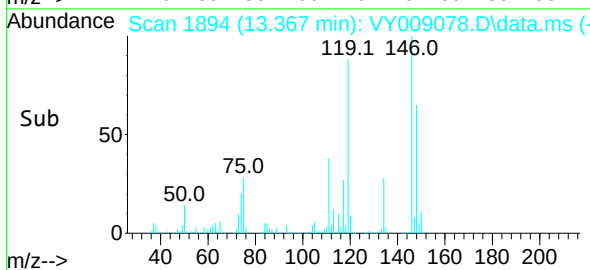
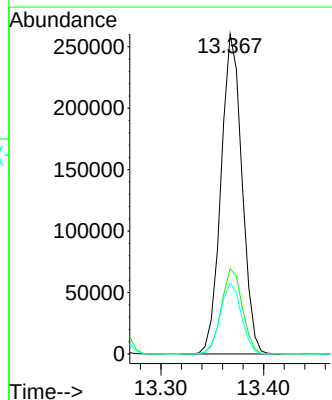
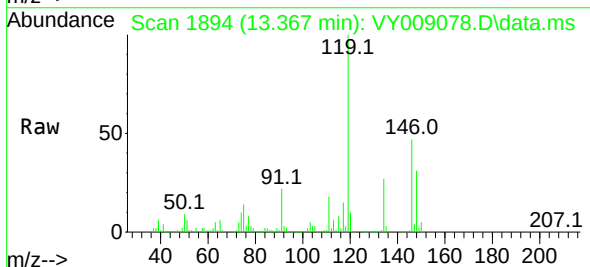
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

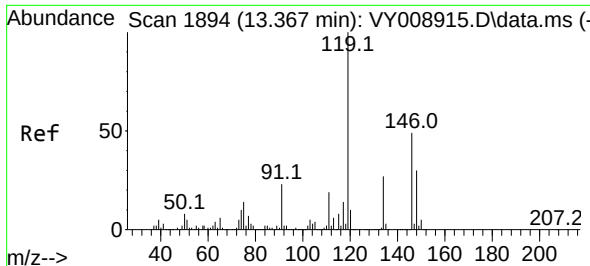
Tgt Ion:105 Resp: 431508
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.500 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009078.D
 Acq: 24 May 2022 21:33

Tgt Ion:119 Resp: 368387
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.333 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

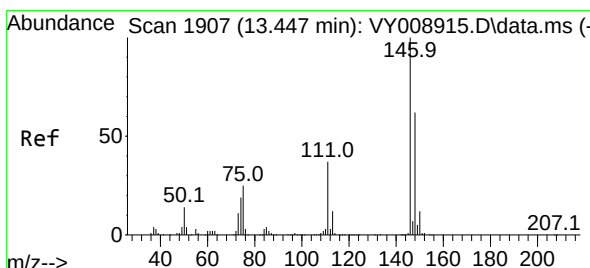
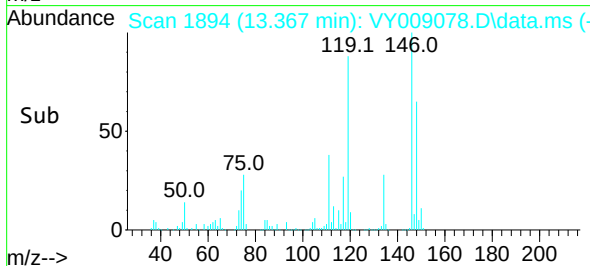
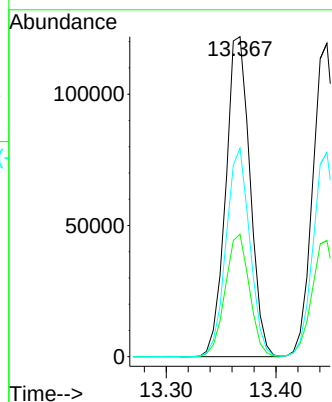
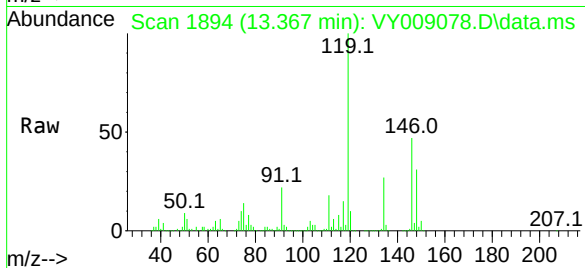
Tgt Ion:146 Resp: 187471

Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.612 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

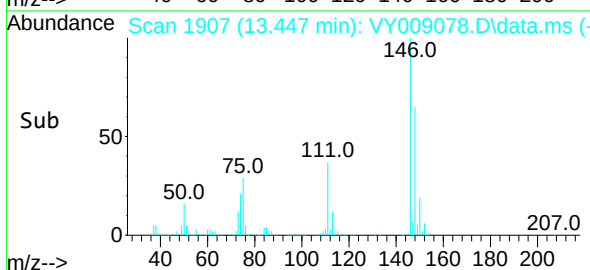
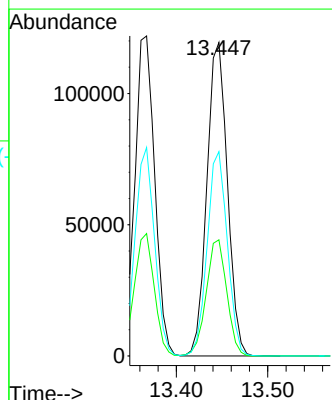
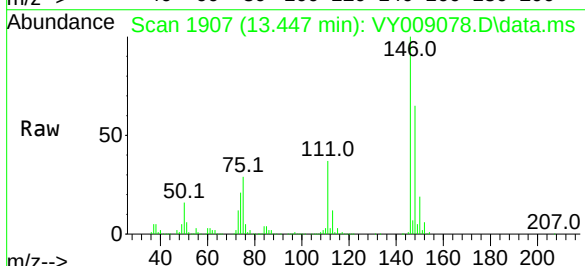
Tgt Ion:146 Resp: 185538

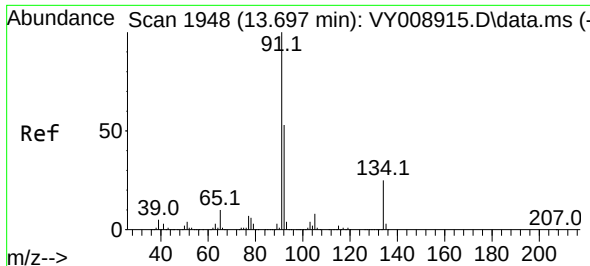
Ion Ratio Lower Upper

146 100

111 37.3 19.3 57.8

148 64.3 32.6 97.8

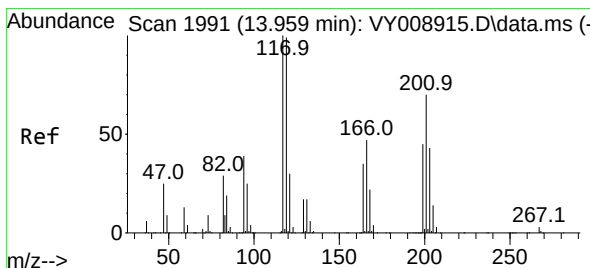
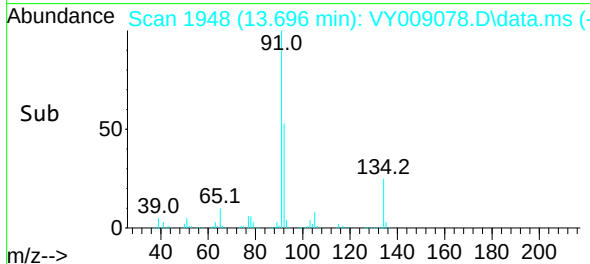
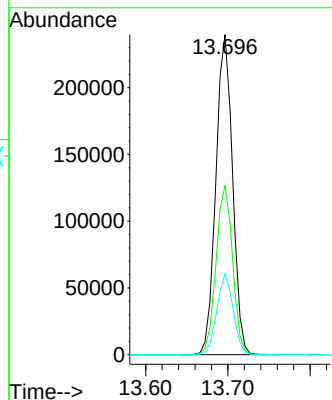
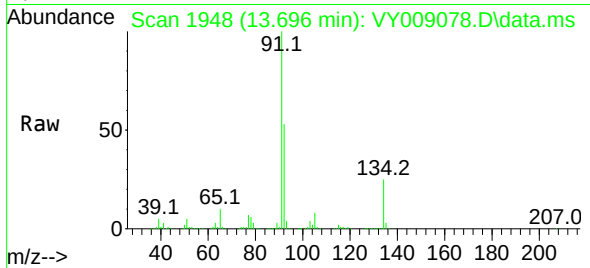




#89
n-Butylbenzene
Concen: 49.618 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

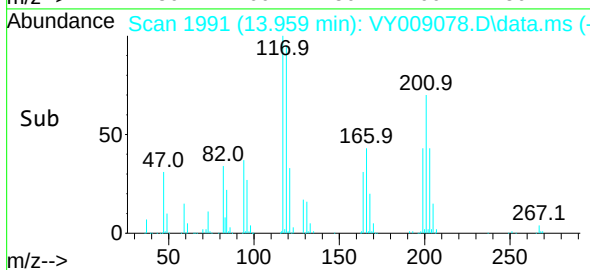
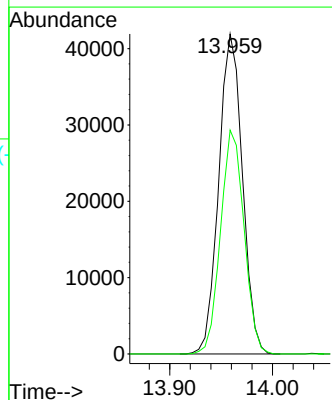
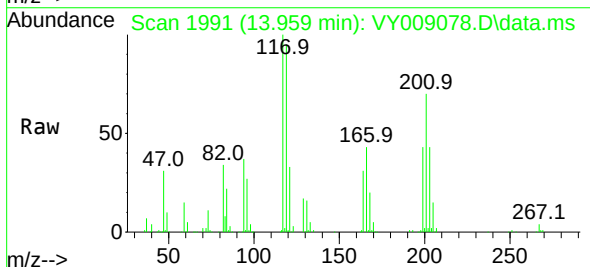
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

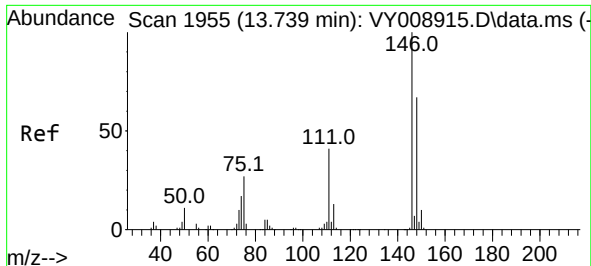
Tgt Ion: 91 Resp: 337821
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 24.7 13.0 38.9



#90
Hexachloroethane
Concen: 48.044 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 117 Resp: 67005
Ion Ratio Lower Upper
117 100
201 69.5 43.0 128.8

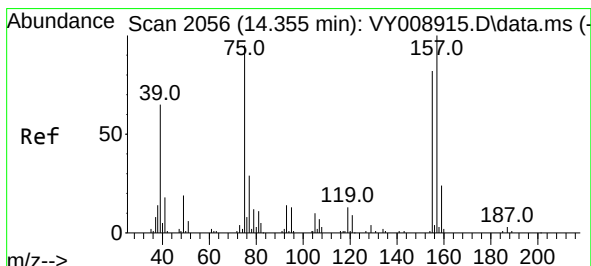
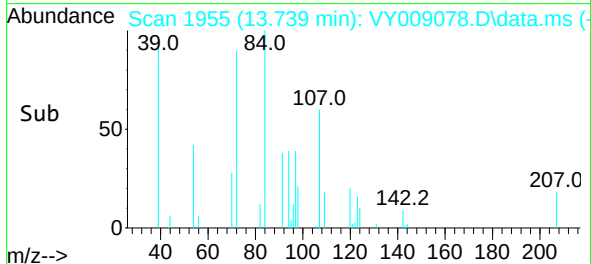
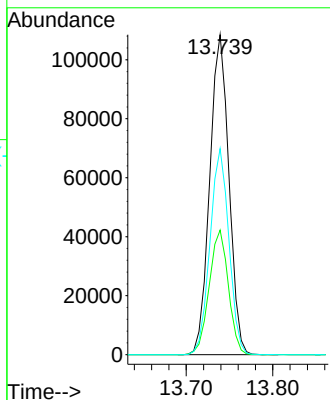
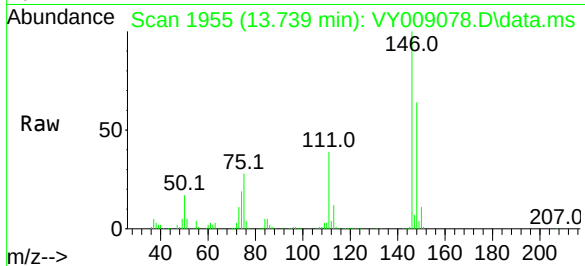




#91
1,2-Dichlorobenzene
Concen: 48.652 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

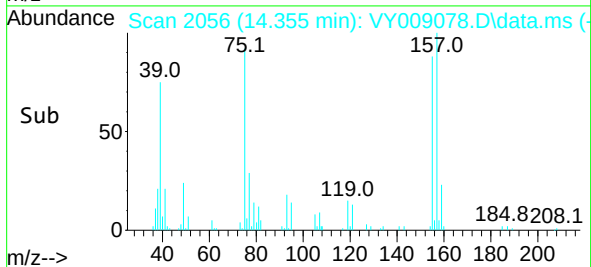
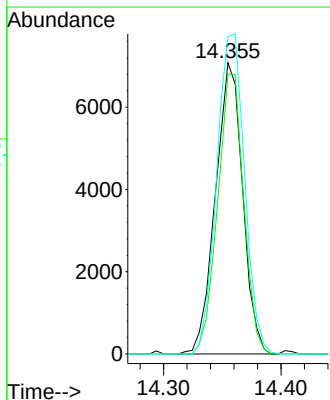
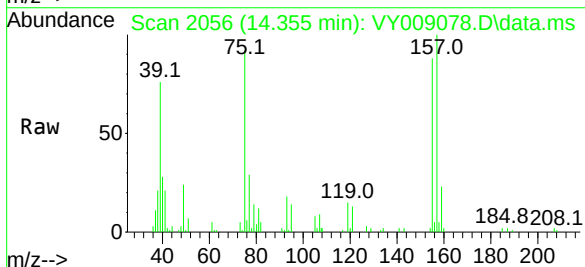
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

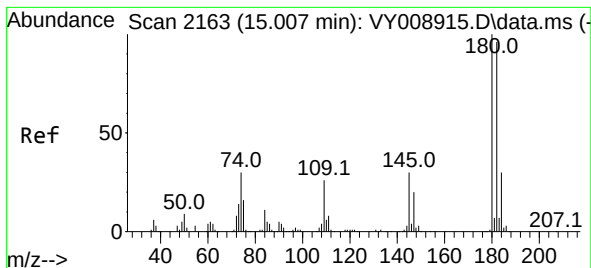
Tgt Ion:146 Resp: 166579
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.376 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009078.D
Acq: 24 May 2022 21:33

Tgt Ion: 75 Resp: 11383
Ion Ratio Lower Upper
75 100
155 92.3 38.0 113.9
157 112.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 44.260 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

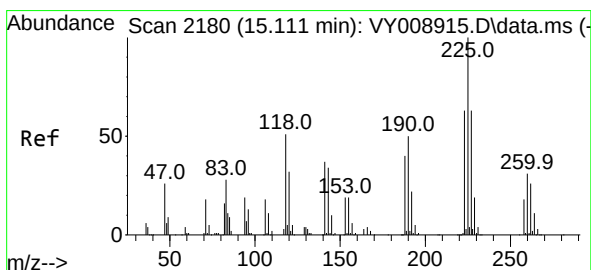
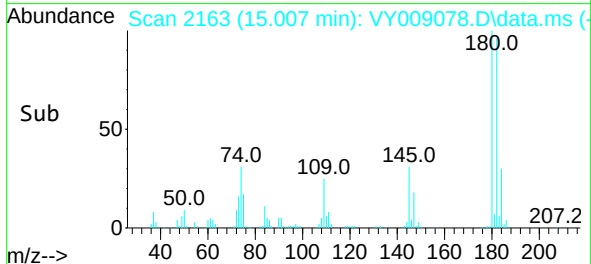
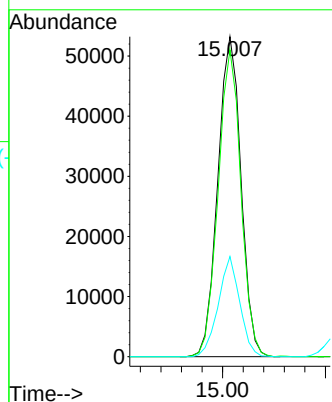
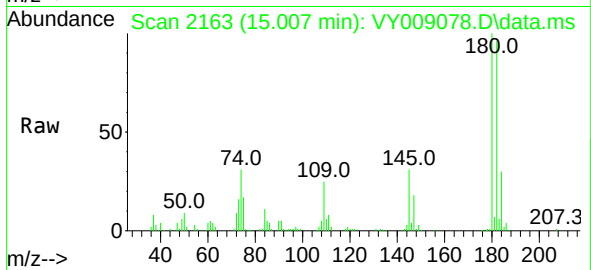
Tgt Ion:180 Resp: 83169

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 42.965 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

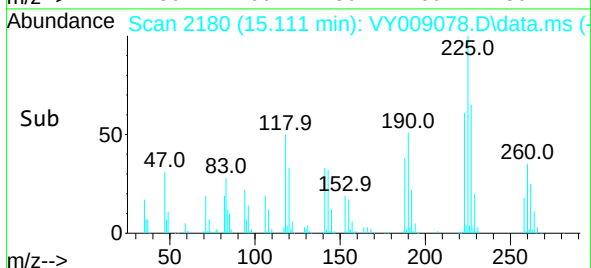
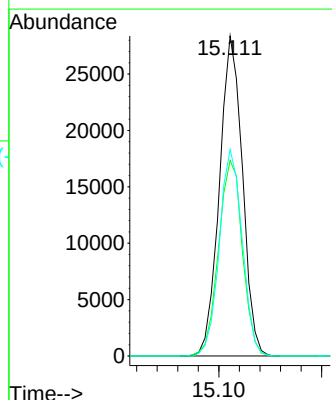
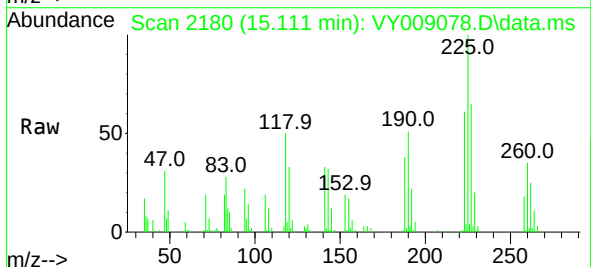
Tgt Ion:225 Resp: 44003

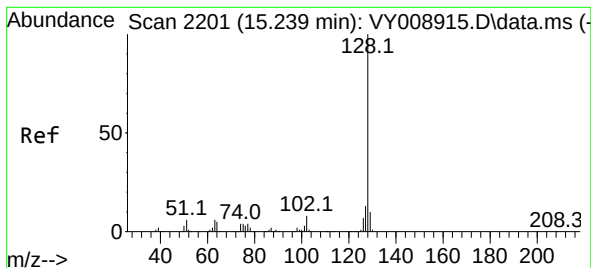
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 46.531 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

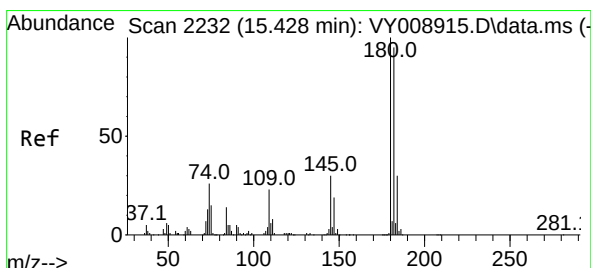
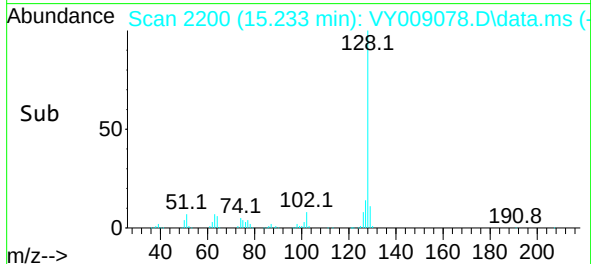
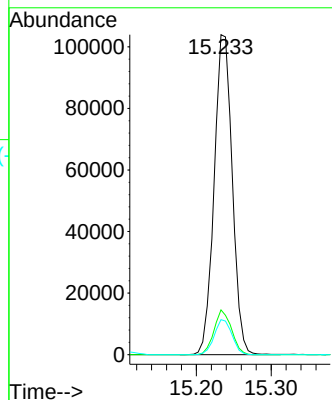
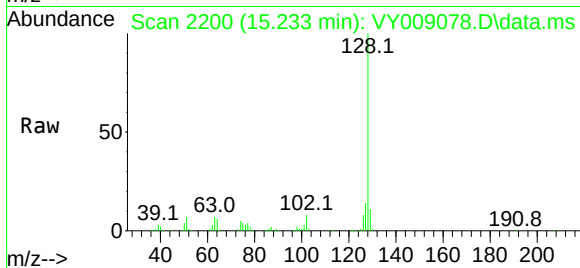
Tgt Ion:128 Resp: 175650

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 44.707 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009078.D

Acq: 24 May 2022 21:33

Tgt Ion:180 Resp: 73002

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.7 15.3 45.9

