

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009560.D
 Acq On : 13 Jul 2022 17:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 14 02:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	153684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	239217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52888	48.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.710	113	57523	45.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.400%
50) Toluene-d8	10.173	98	170576	49.317	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.477	95	96846	54.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	109.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	166886	141.603	ug/l	100
3) Chloromethane	2.107	50	67709	51.446	ug/l	96
4) Vinyl Chloride	2.241	62	83507	55.729	ug/l	99
5) Bromomethane	2.625	94	56325	52.321	ug/l	100
6) Chloroethane	2.778	64	48122	55.006	ug/l	97
7) Trichlorofluoromethane	3.107	101	109548	54.758	ug/l	96
8) Diethyl Ether	3.515	74	38080	49.752	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	65624	48.414	ug/l	95
10) Methyl Iodide	4.076	142	85417	47.155	ug/l	91
11) Tert butyl alcohol	4.948	59	40892	200.871	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	63369	50.404	ug/l #	80
13) Acrolein	3.717	56	20884	181.236	ug/l	99
14) Allyl chloride	4.466	41	108686	50.245	ug/l	97
15) Acrylonitrile	5.149	53	107386	254.981	ug/l	98
16) Acetone	3.936	43	86912	232.472	ug/l	94
17) Carbon Disulfide	4.180	76	179968	43.688	ug/l	98
18) Methyl Acetate	4.466	43	50604	46.100	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	197772	51.974	ug/l	99
20) Methylene Chloride	4.698	84	83444	46.841	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	74464	50.549	ug/l	87
22) Diisopropyl ether	6.106	45	262542	57.090	ug/l	94
23) Vinyl Acetate	6.045	43	871707	272.823	ug/l	97
24) 1,1-Dichloroethane	6.003	63	131639	50.760	ug/l	98
25) 2-Butanone	6.972	43	156007	257.954	ug/l	95
26) 2,2-Dichloropropane	6.972	77	127297	49.803	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	87897	50.682	ug/l	91
28) Bromochloromethane	7.326	49	58663	53.820	ug/l	89
29) Tetrahydrofuran	7.338	42	106171	271.417	ug/l	94
30) Chloroform	7.496	83	140784	49.602	ug/l	99
31) Cyclohexane	7.771	56	122065	48.412	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	126812	50.677	ug/l	98
36) 1,1-Dichloropropene	7.905	75	108417	52.907	ug/l	97
37) Ethyl Acetate	7.064	43	71593	55.736	ug/l	97
38) Carbon Tetrachloride	7.893	117	115364	52.640	ug/l	95
39) Methylcyclohexane	9.179	83	129747	52.748	ug/l	91
40) Benzene	8.149	78	312864	51.993	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	96419	144.558	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	96532	53.434	ug/l	92
43) Isopropyl Acetate	8.265	43	132664	55.353	ug/l	96
44) Trichloroethene	8.929	130	89231	52.492	ug/l	100
45) 1,2-Dichloropropane	9.210	63	80034	52.556	ug/l	98
46) Dibromomethane	9.301	93	47898	53.590	ug/l	97
47) Bromodichloromethane	9.490	83	112026	52.660	ug/l	99
48) Methyl methacrylate	9.289	41	57359	55.548	ug/l	90
49) 1,4-Dioxane	9.283	88	14392	1093.415	ug/l	89
51) 4-Methyl-2-Pentanone	10.063	43	365816	290.238	ug/l	95
52) Toluene	10.240	92	211501	55.158	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	123882	55.259	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	133632	53.458	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	70640	54.785	ug/l	94
56) Ethyl methacrylate	10.508	69	99708	58.245	ug/l	87
57) 1,3-Dichloropropane	10.782	76	115658	54.412	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	225067	269.136	ug/l	96
59) 2-Hexanone	10.831	43	262981	301.110	ug/l	95
60) Dibromochloromethane	10.977	129	86700	55.527	ug/l	100
61) 1,2-Dibromoethane	11.081	107	67253	54.407	ug/l	99
64) Tetrachloroethene	10.715	164	87779	46.608	ug/l	97
65) Chlorobenzene	11.514	112	234360	52.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	88859	53.396	ug/l	98
67) Ethyl Benzene	11.587	91	414951	53.727	ug/l	97
68) m/p-Xylenes	11.697	106	335253	111.300	ug/l	92
69) o-Xylene	12.026	106	162601	56.318	ug/l	90
70) Styrene	12.038	104	280618	58.190	ug/l	95
71) Bromoform	12.203	173	60751	57.276	ug/l #	100
73) Isopropylbenzene	12.325	105	429692	50.686	ug/l	99
74) N-amyl acetate	12.142	43	134576	55.793	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	88957	52.407	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	121210	92.371	ug/l #	100
77) Bromobenzene	12.605	156	103687	50.240	ug/l	95
78) n-propylbenzene	12.666	91	528827	51.633	ug/l	98
79) 2-Chlorotoluene	12.752	91	297455	51.875	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	363263	51.264	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	33487	52.229	ug/l	89
82) 4-Chlorotoluene	12.849	91	313262	52.130	ug/l	97
83) tert-Butylbenzene	13.075	119	327344	51.924	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	369198	52.345	ug/l	97
85) sec-Butylbenzene	13.251	105	489460	52.717	ug/l	99
86) p-Isopropyltoluene	13.367	119	410942	53.098	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	211199	51.842	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	211824	51.374	ug/l	100
89) n-Butylbenzene	13.697	91	383456	53.058	ug/l	98
90) Hexachloroethane	13.959	117	77720	51.182	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	196199	52.565	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15284	51.372	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	114281	50.201	ug/l	100
94) Hexachlorobutadiene	15.111	225	61068	48.793	ug/l	98
95) Naphthalene	15.233	128	240059	51.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	99084	50.253	ug/l	100

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Response via : Initial Calibration

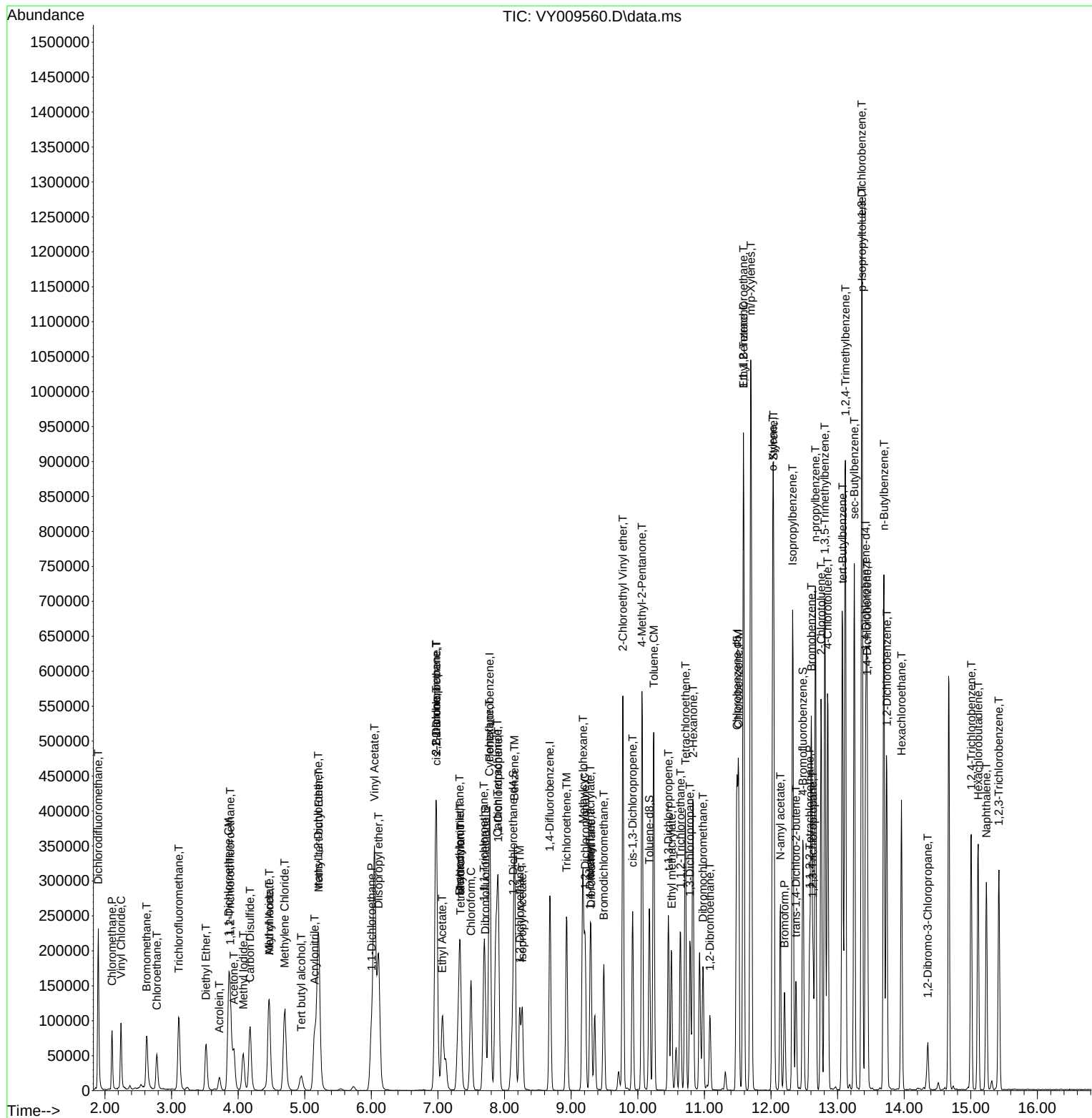
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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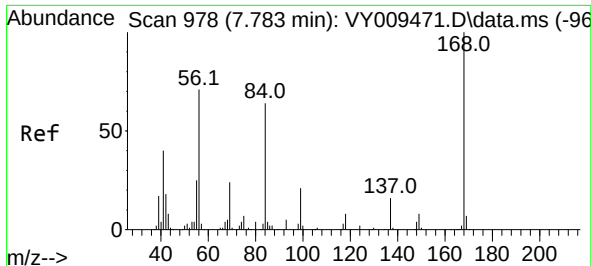
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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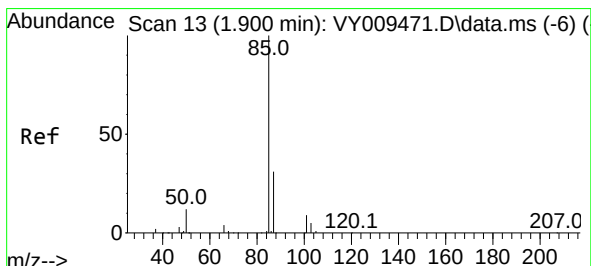
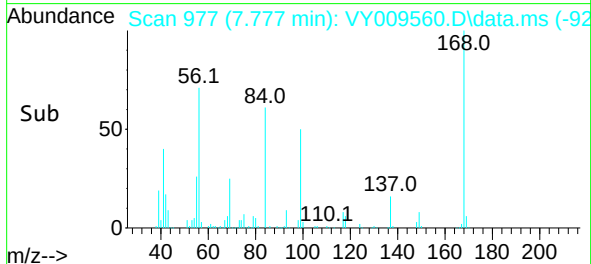
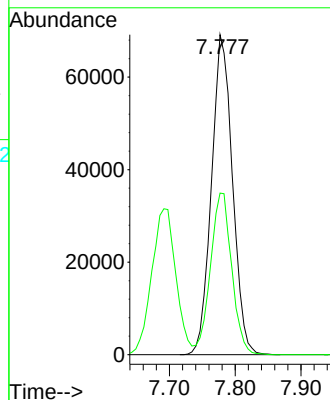
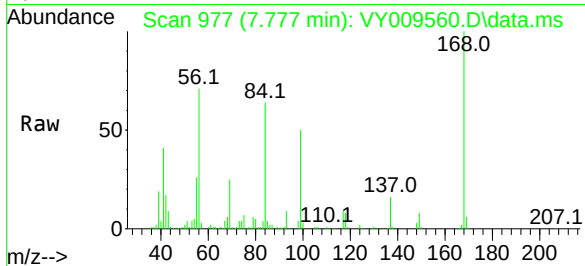




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009560.D
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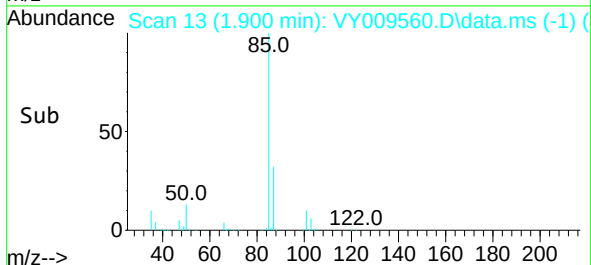
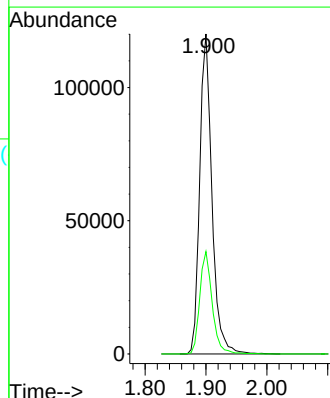
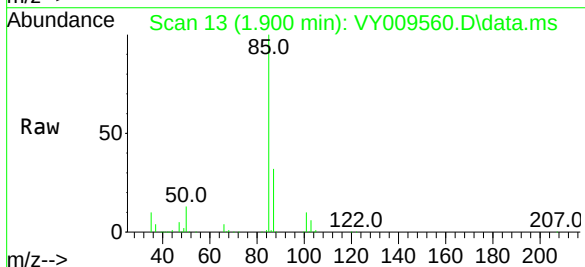
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

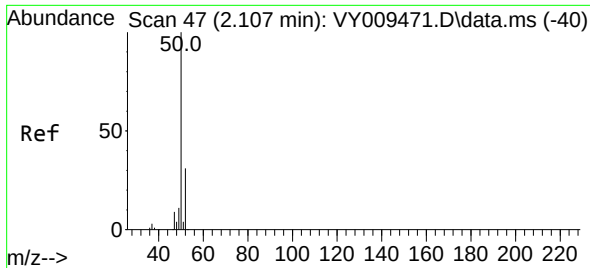
Tgt Ion:168 Resp: 153684
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 141.603 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 85 Resp: 166886
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

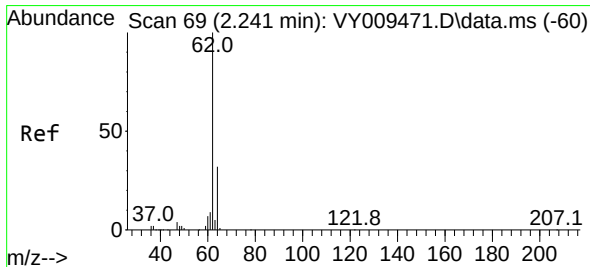
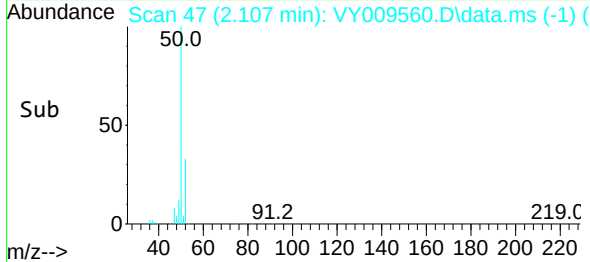
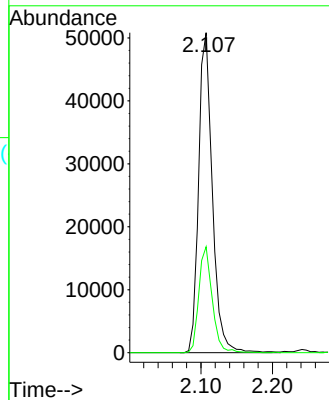
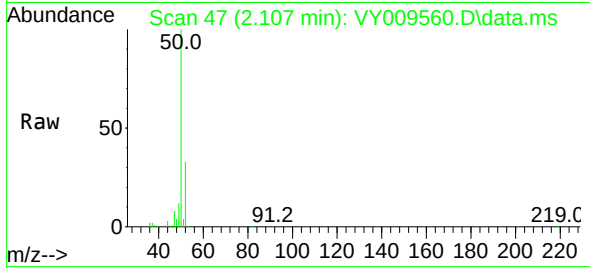




#3
Chloromethane
Concen: 51.446 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

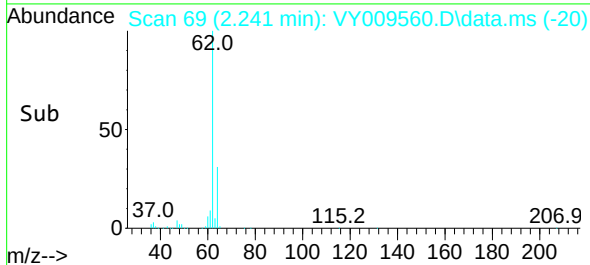
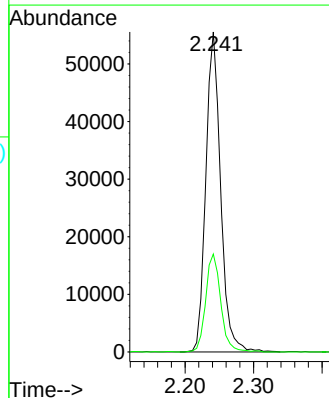
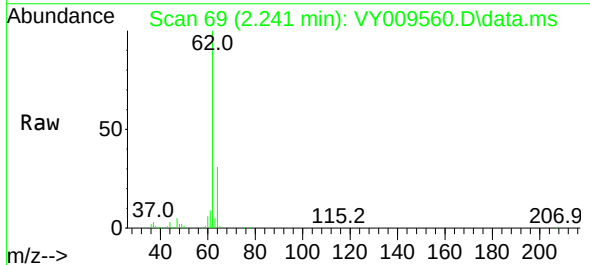
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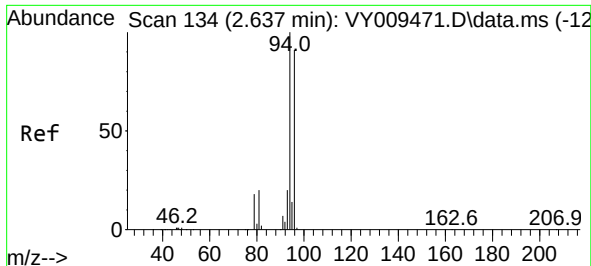
Tgt Ion: 50 Resp: 67709
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 55.729 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 62 Resp: 83507
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6

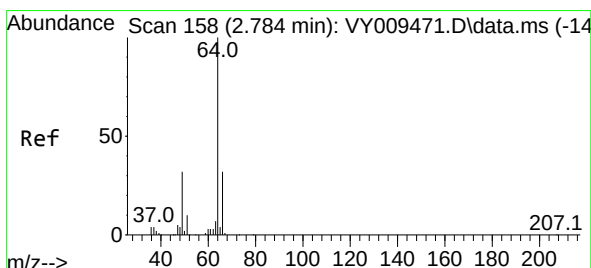
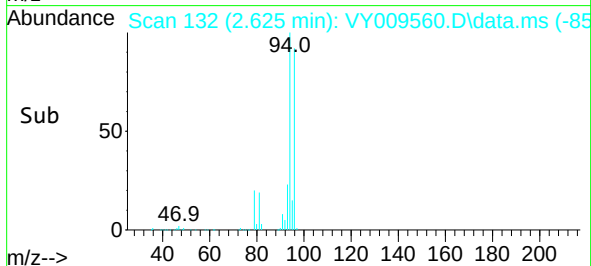
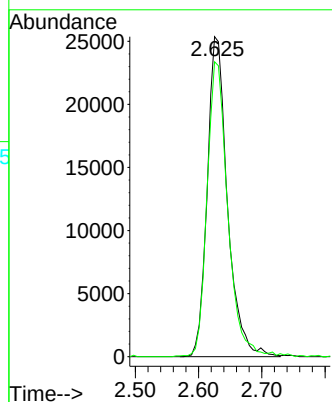
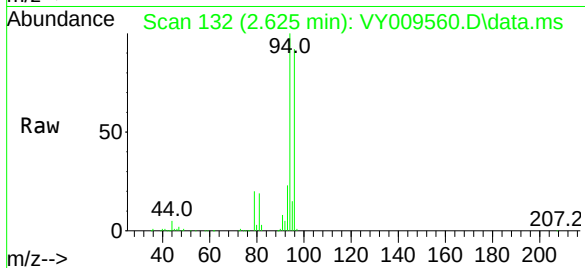




#5
Bromomethane
Concen: 52.321 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009560.D
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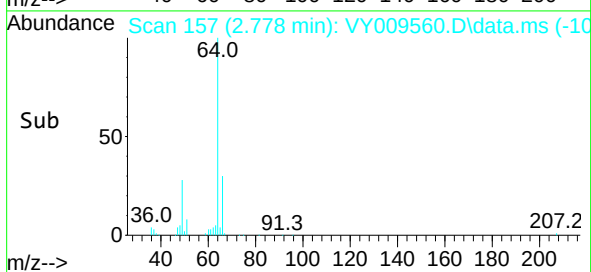
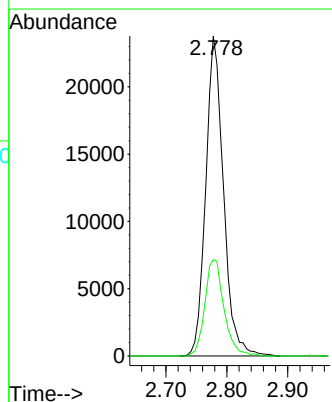
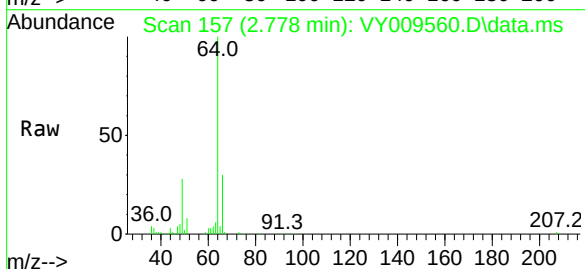
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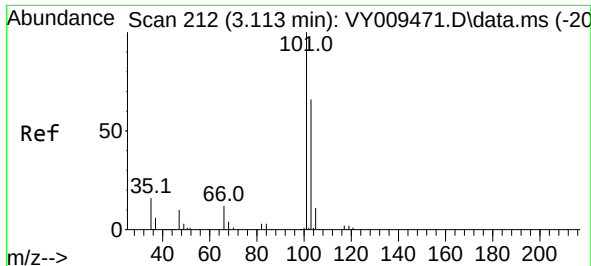
Tgt Ion: 94 Resp: 56325
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3



#6
Chloroethane
Concen: 55.006 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 64 Resp: 48122
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.0

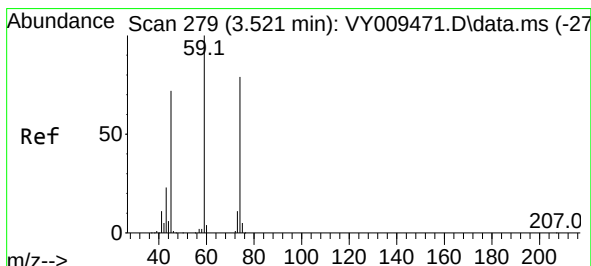
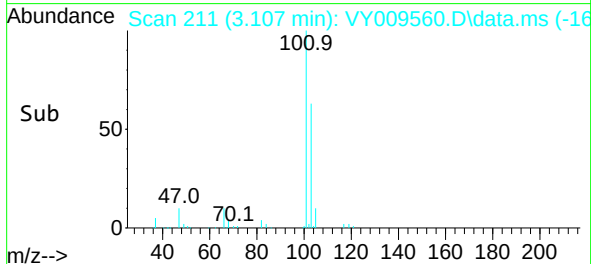
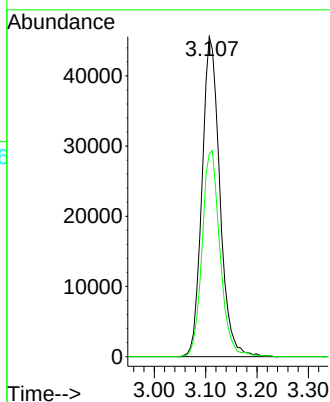
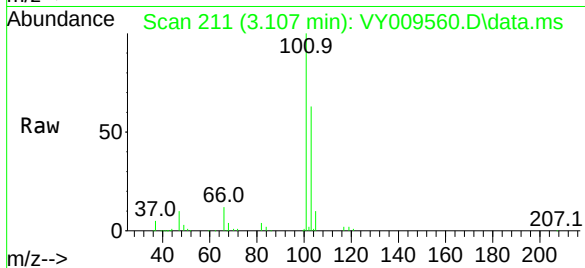




#7
Trichlorofluoromethane
Concen: 54.758 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

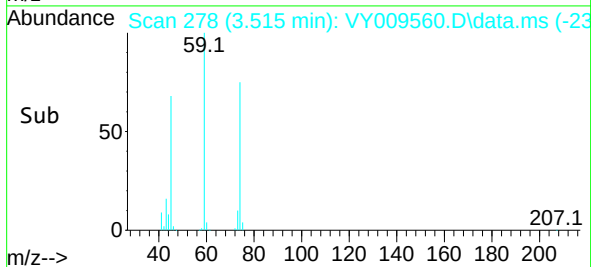
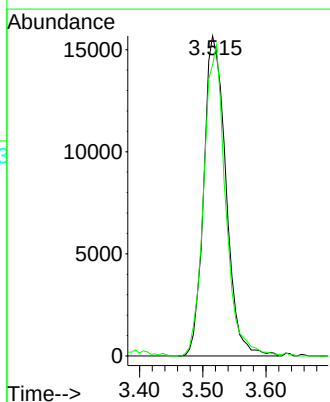
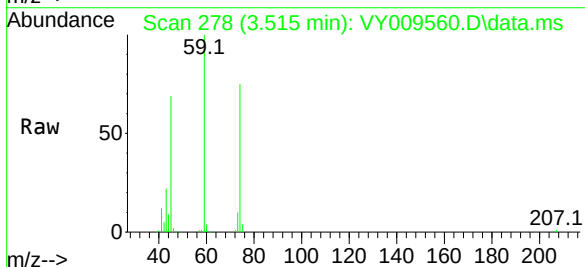
Instrument :
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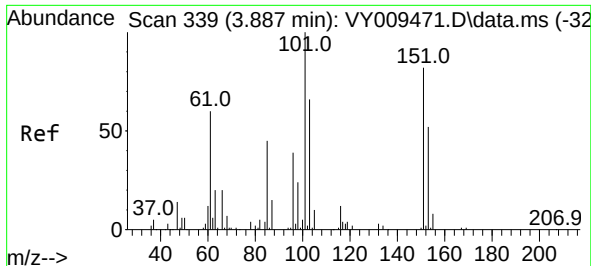
Tgt Ion:101 Resp: 109548
Ion Ratio Lower Upper
101 100
103 63.3 48.0 72.0



#8
Diethyl Ether
Concen: 49.752 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 74 Resp: 38080
Ion Ratio Lower Upper
74 100
45 95.7 55.1 165.5

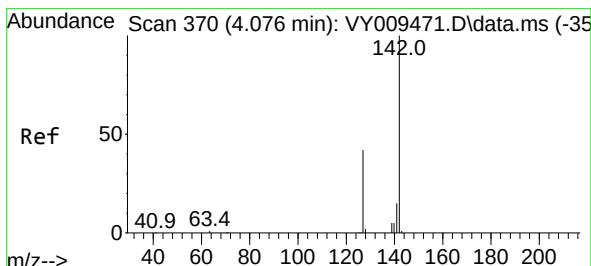
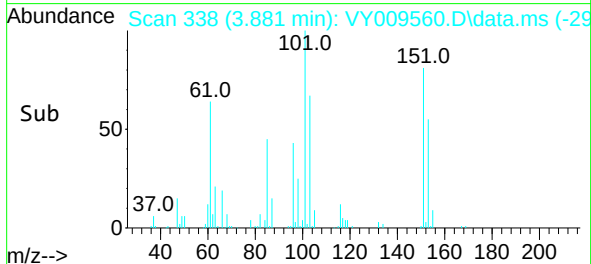
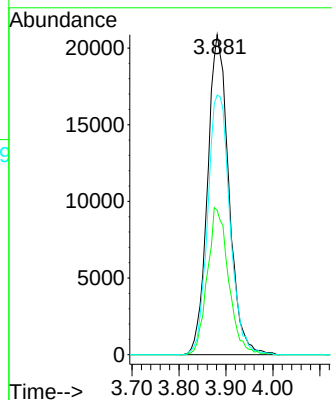
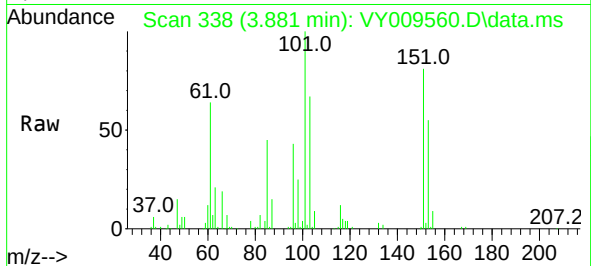




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.414 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

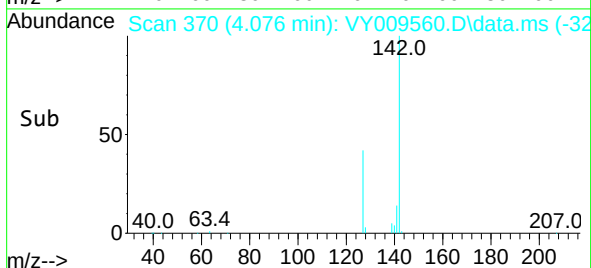
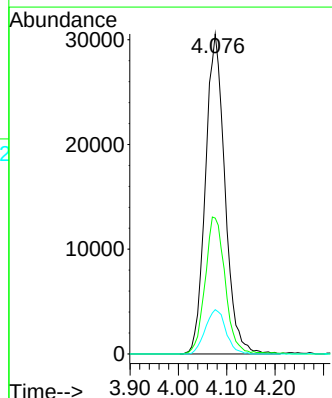
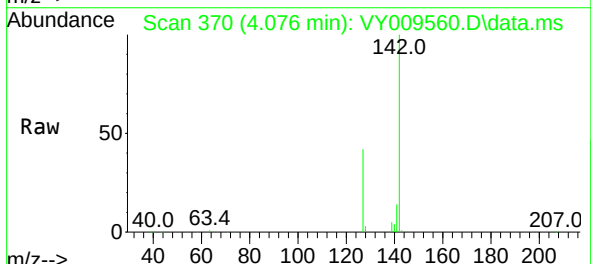
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

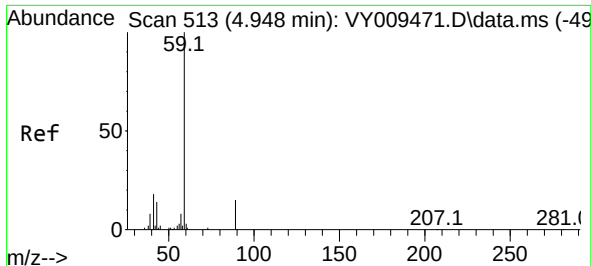
Tgt Ion:101 Resp: 65624
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 85.0 64.9 97.3



#10
Methyl Iodide
Concen: 47.155 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:142 Resp: 85417
Ion Ratio Lower Upper
142 100
127 44.1 41.5 62.3
141 14.6 11.9 17.9

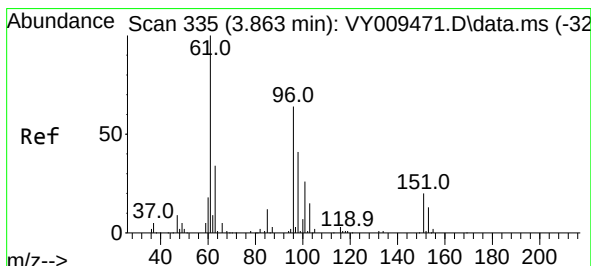
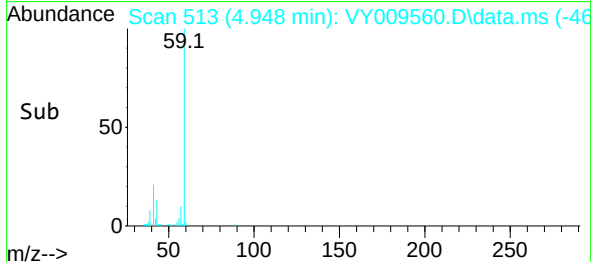
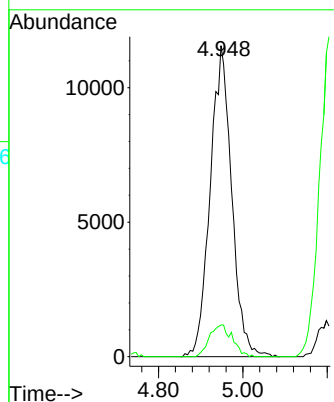
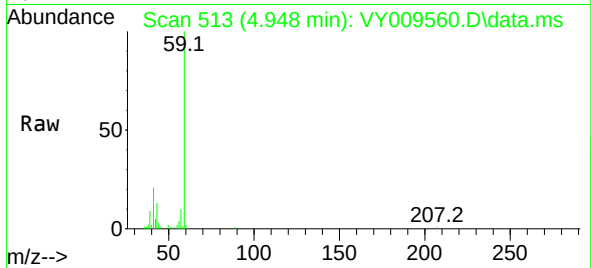




#11
Tert butyl alcohol
Concen: 200.871 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

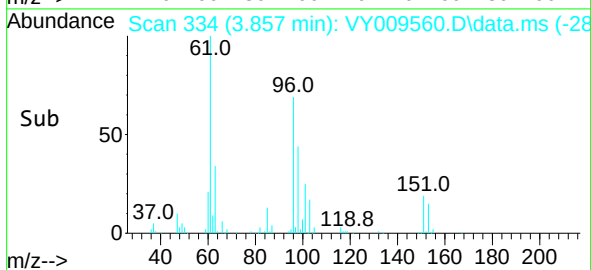
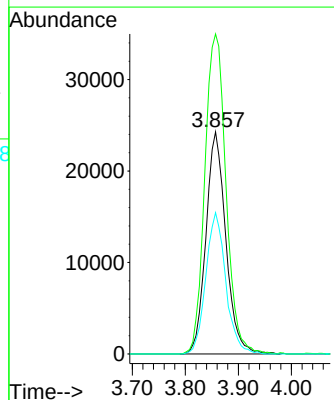
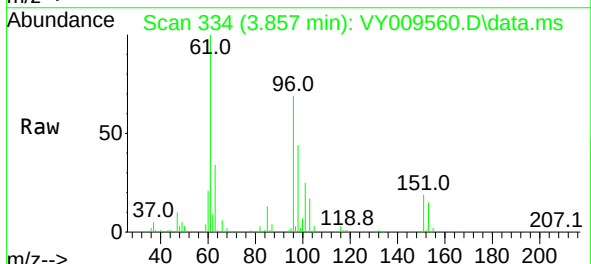
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

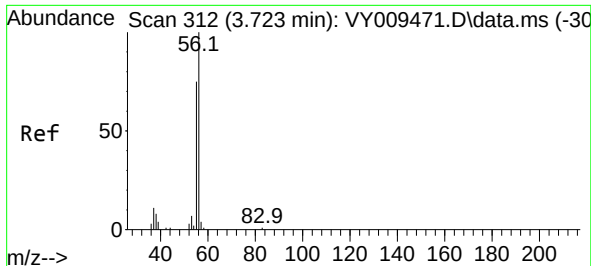
Tgt Ion: 59 Resp: 40892
Ion Ratio Lower Upper
59 100
57 10.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.404 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 96 Resp: 63369
Ion Ratio Lower Upper
96 100
61 144.0 145.8 218.6#
98 63.6 52.5 78.7

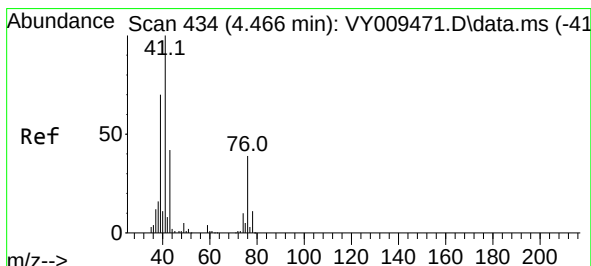
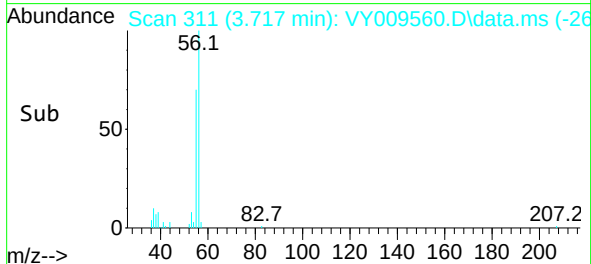
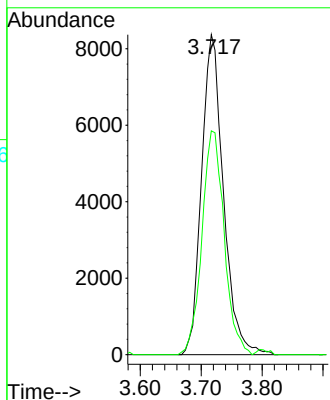
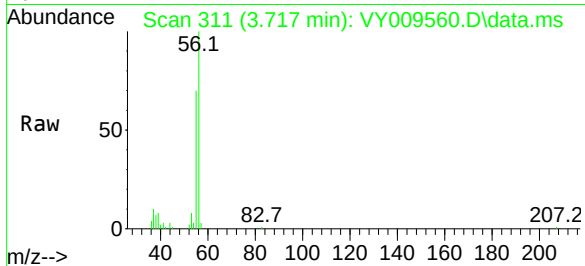




#13
Acrolein
Concen: 181.236 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

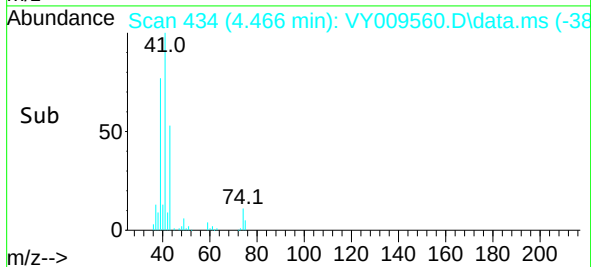
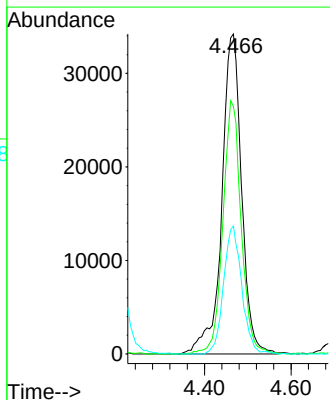
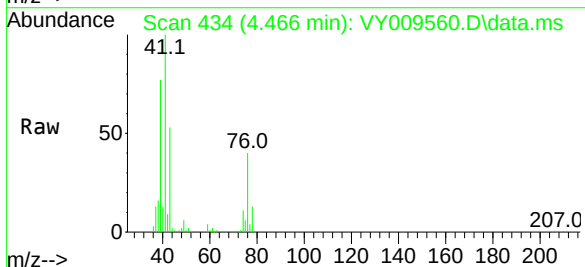
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

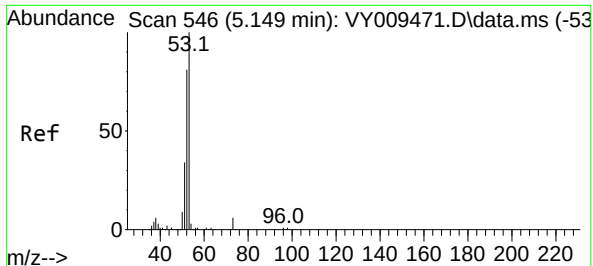
Tgt Ion: 56 Resp: 20884
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4



#14
Allyl chloride
Concen: 50.245 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 41 Resp: 108686
Ion Ratio Lower Upper
41 100
39 73.3 58.8 88.2
76 36.5 25.1 37.7

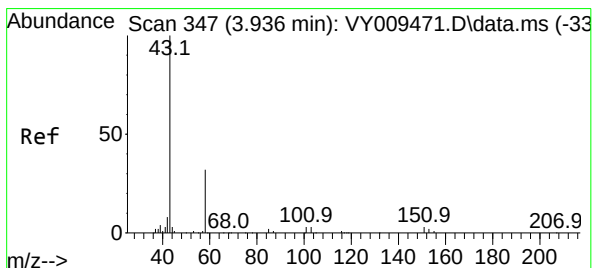
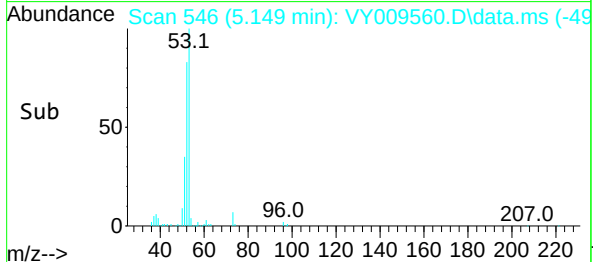
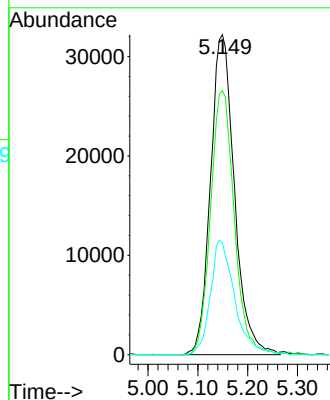
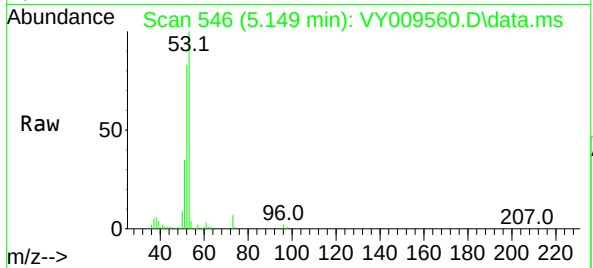




#15
Acrylonitrile
Concen: 254.981 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

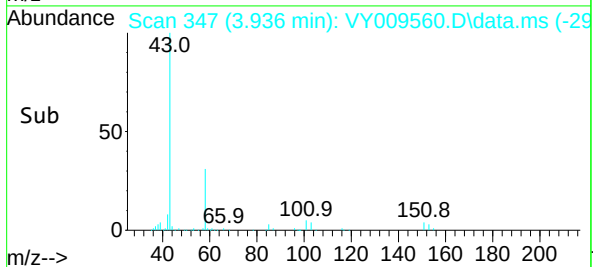
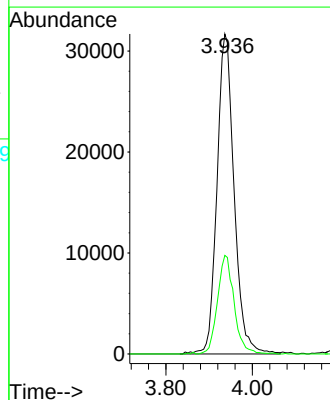
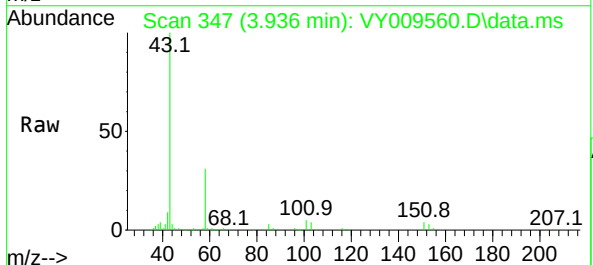
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

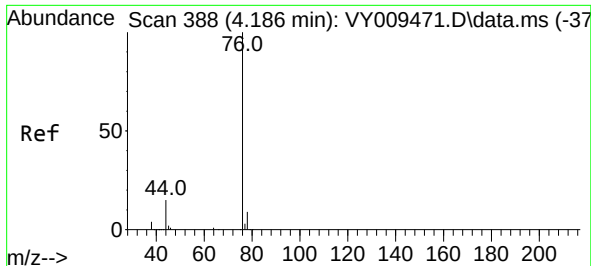
Tgt Ion: 53 Resp: 107386
Ion Ratio Lower Upper
53 100
52 81.3 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 232.472 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 43 Resp: 86912
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0

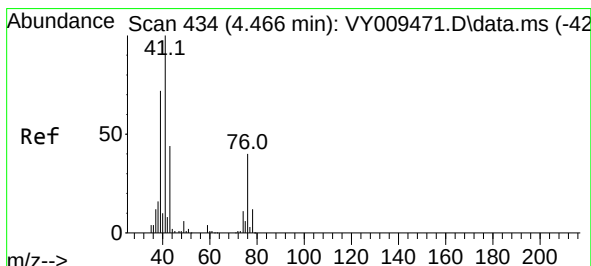
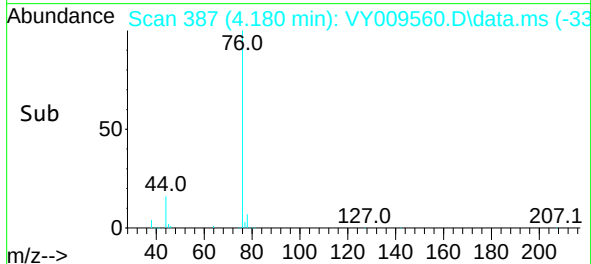
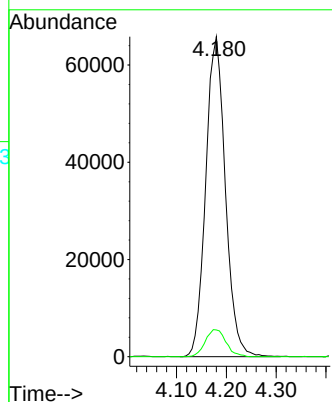
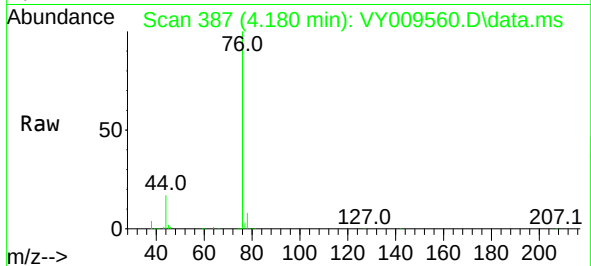




#17
Carbon Disulfide
Concen: 43.688 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

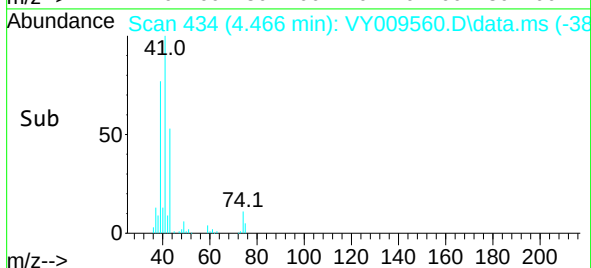
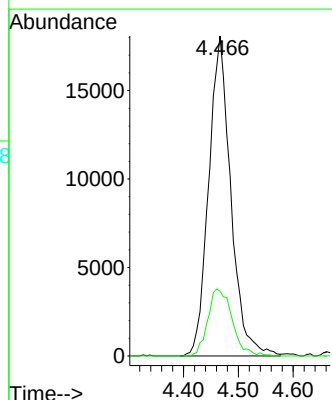
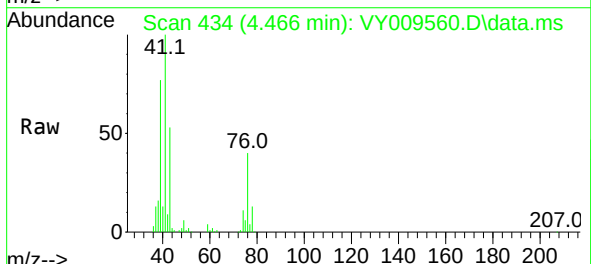
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

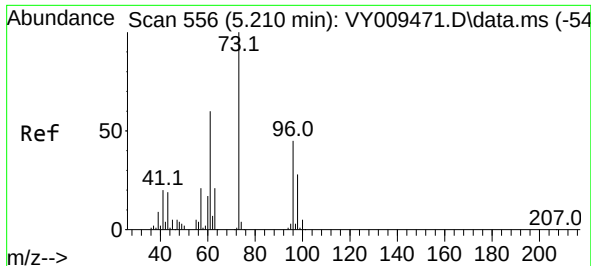
Tgt Ion: 76 Resp: 179968
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 46.100 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 43 Resp: 50604
Ion Ratio Lower Upper
43 100
74 22.8 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 51.974 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

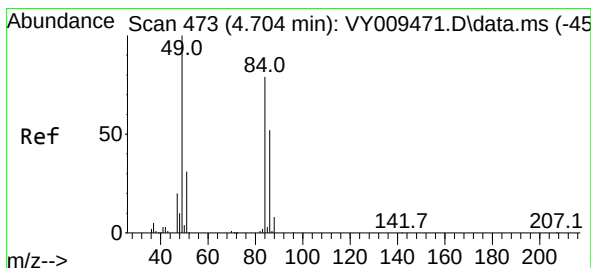
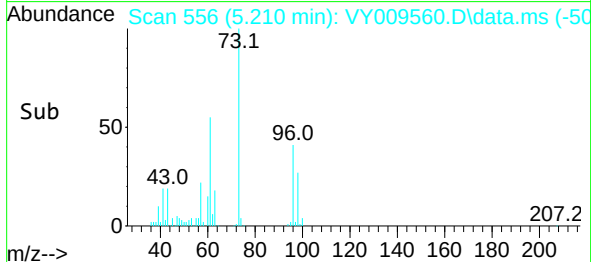
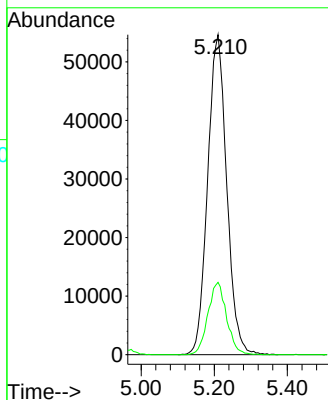
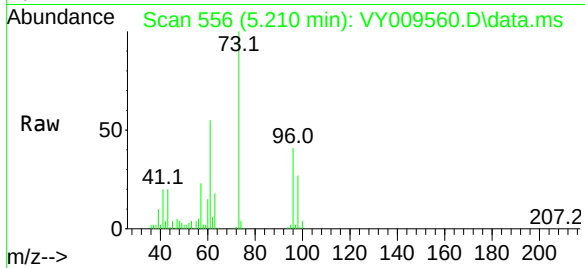
VSTDCCC050EC

Tgt Ion: 73 Resp: 197772

Ion Ratio Lower Upper

73 100

57 22.6 18.6 27.8



#20

Methylene Chloride

Concen: 46.841 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Tgt Ion: 84 Resp: 83444

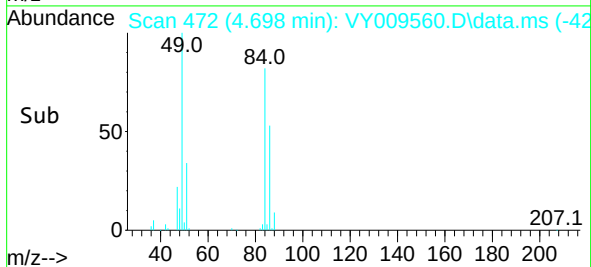
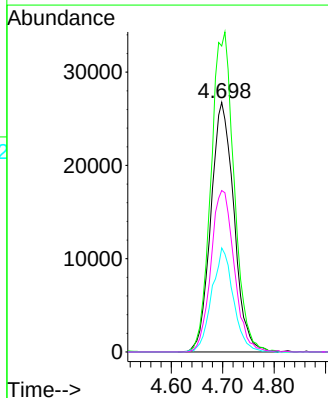
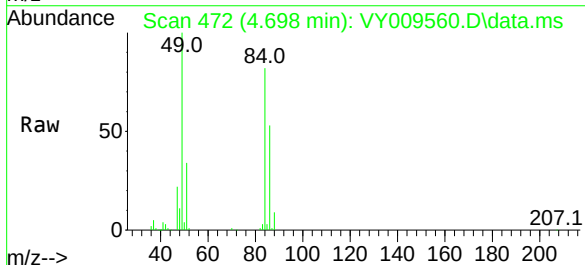
Ion Ratio Lower Upper

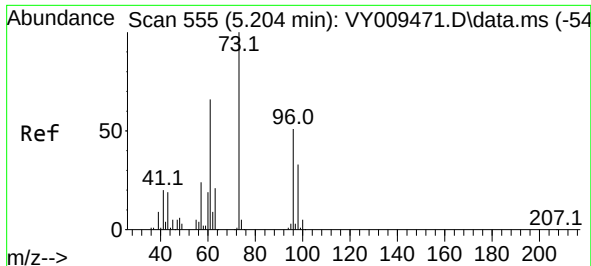
84 100

49 122.6 114.4 171.6

51 41.7 35.3 52.9

86 64.7 53.7 80.5

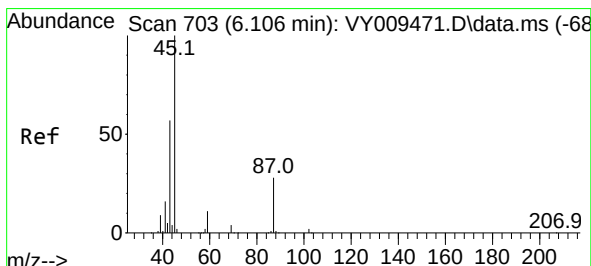
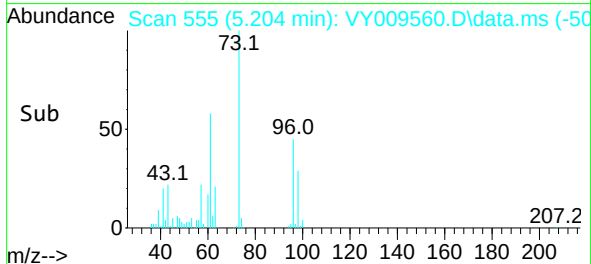
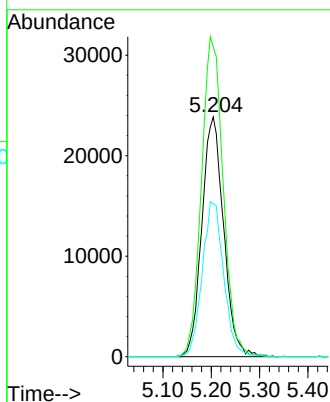
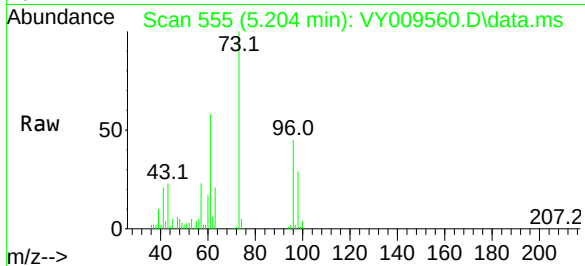




#21
trans-1,2-Dichloroethene
Concen: 50.549 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

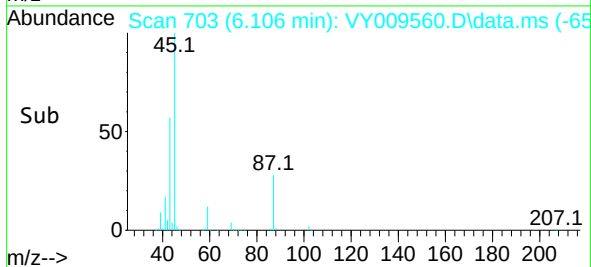
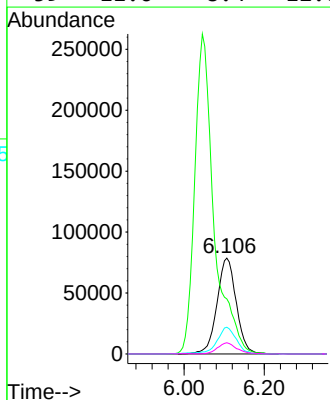
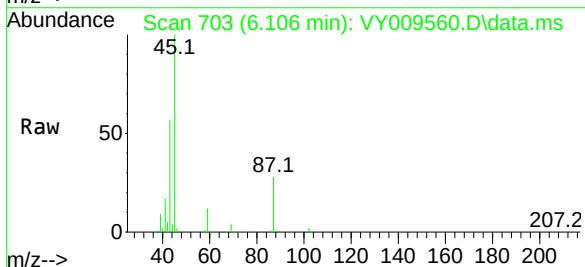
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

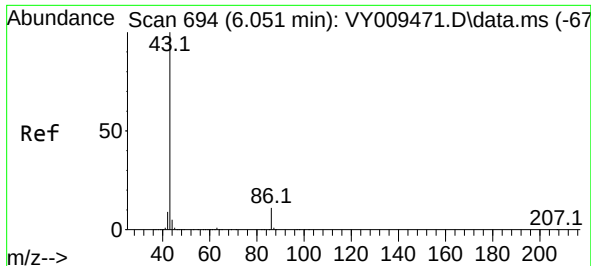
Tgt Ion: 96 Resp: 74464
Ion Ratio Lower Upper
96 100
61 129.2 120.5 180.7
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 57.090 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 45 Resp: 262542
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 27.9 19.2 28.8
59 11.6 8.4 12.6

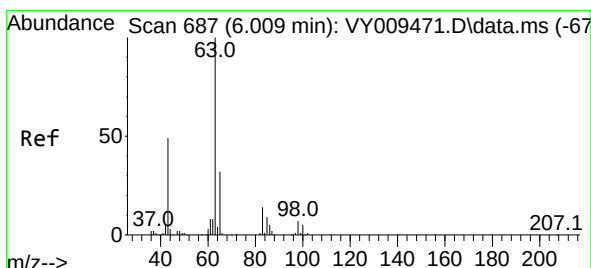
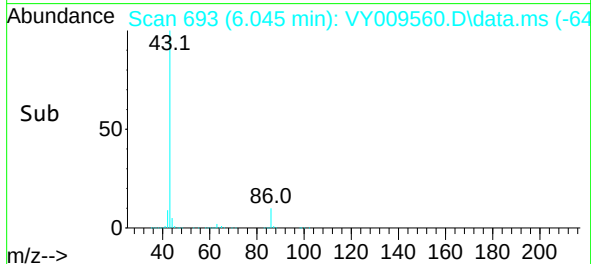
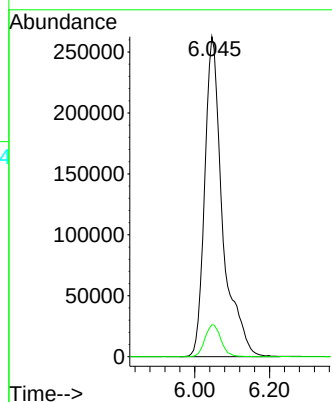
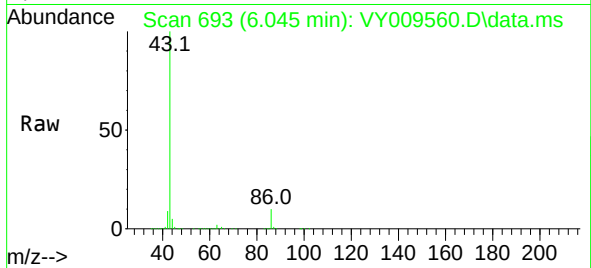




#23
 Vinyl Acetate
 Concen: 272.823 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

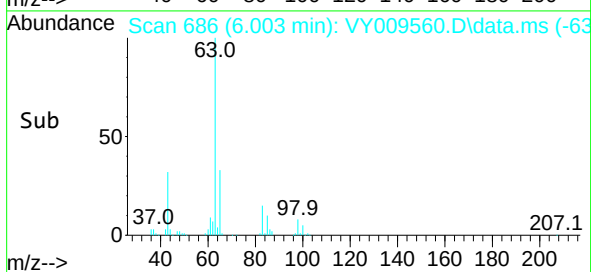
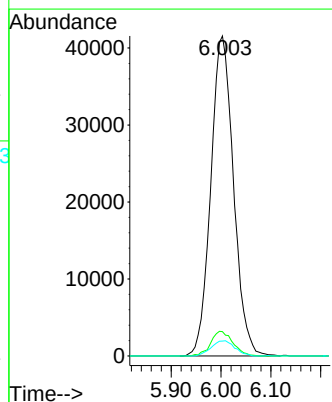
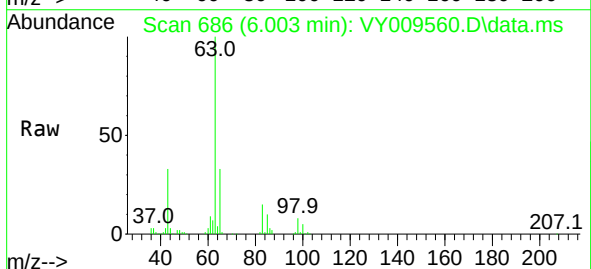
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

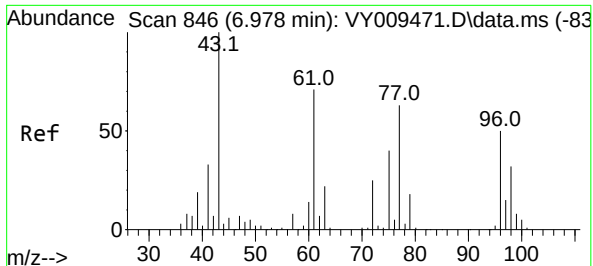
Tgt Ion: 43 Resp: 871707
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 50.760 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

Tgt Ion: 63 Resp: 131639
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 257.954 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

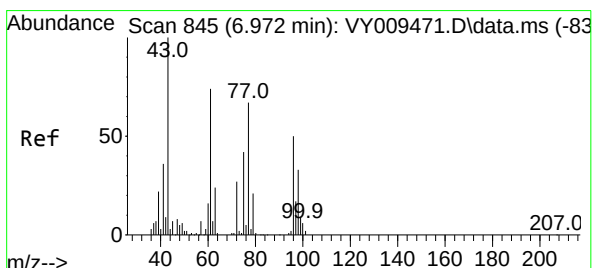
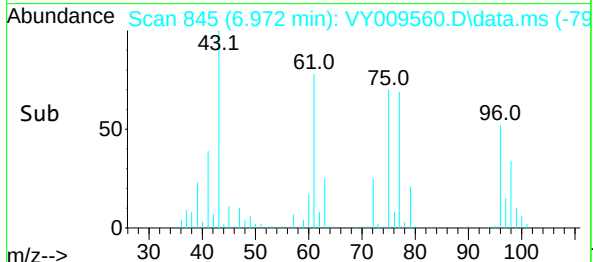
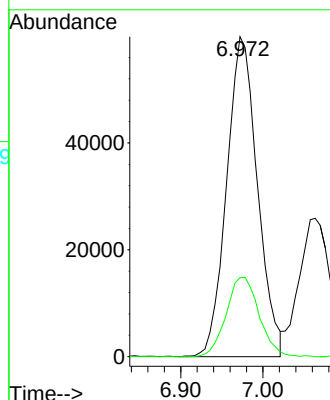
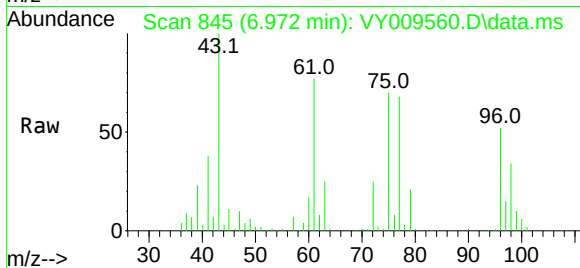
VSTDCCC050EC

Tgt Ion: 43 Resp: 156007

Ion Ratio Lower Upper

43 100

72 24.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 49.803 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009560.D

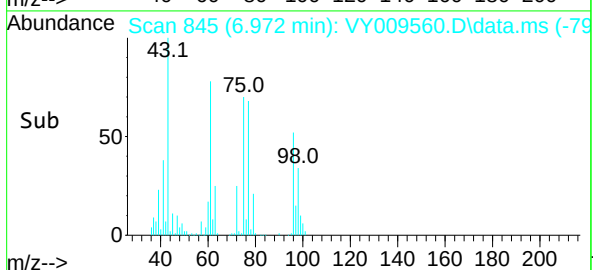
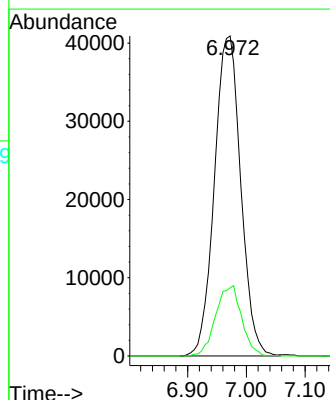
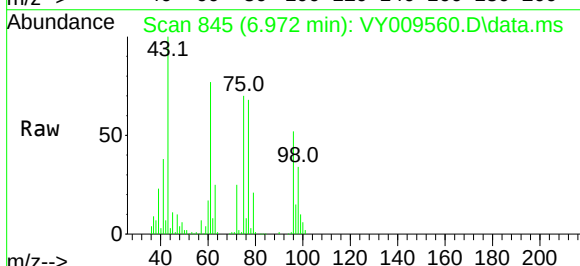
Acq: 13 Jul 2022 17:11

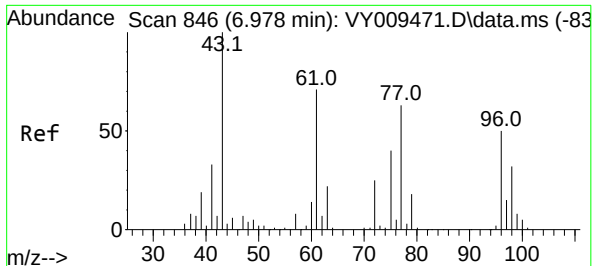
Tgt Ion: 77 Resp: 127297

Ion Ratio Lower Upper

77 100

97 21.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.682 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

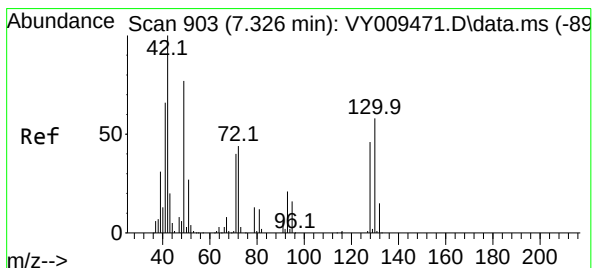
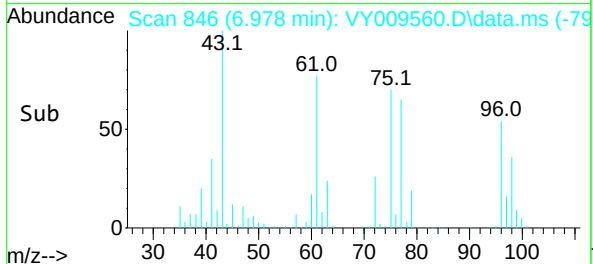
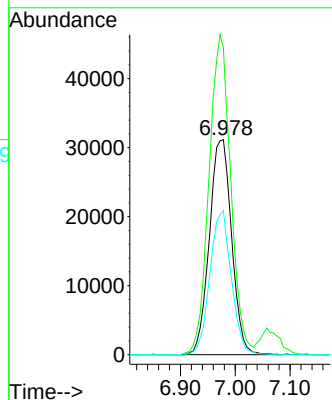
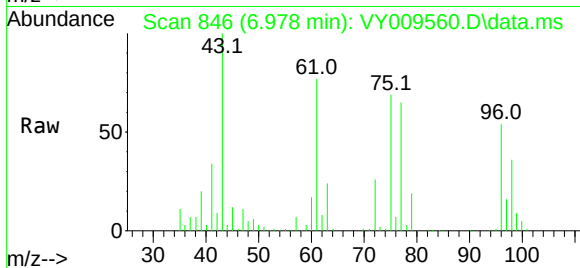
Tgt Ion: 96 Resp: 87897

Ion Ratio Lower Upper

96 100

61 144.6 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 53.820 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

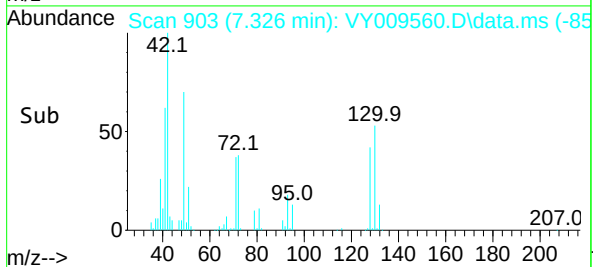
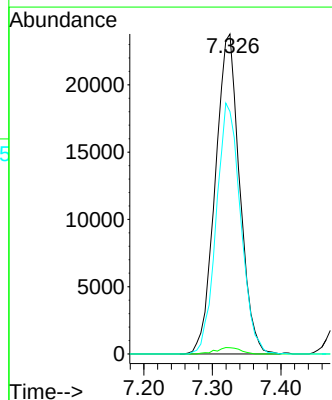
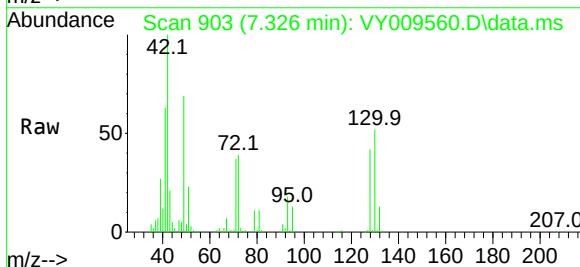
Tgt Ion: 49 Resp: 58663

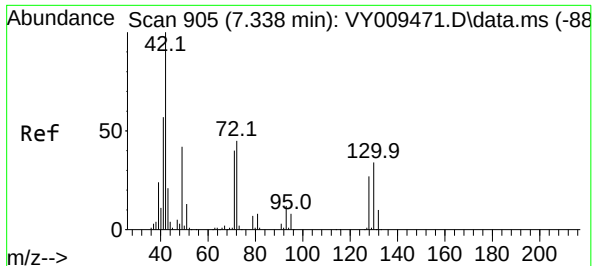
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 78.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 271.417 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

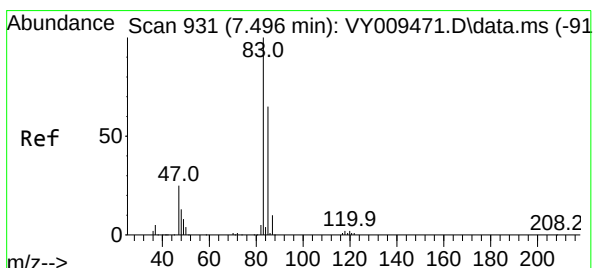
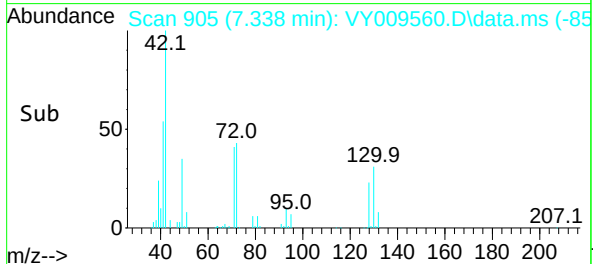
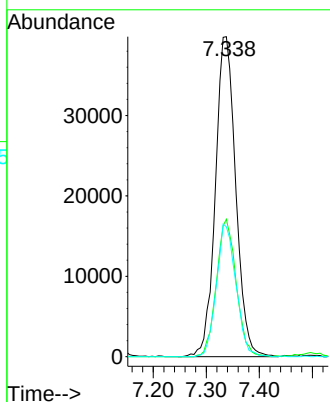
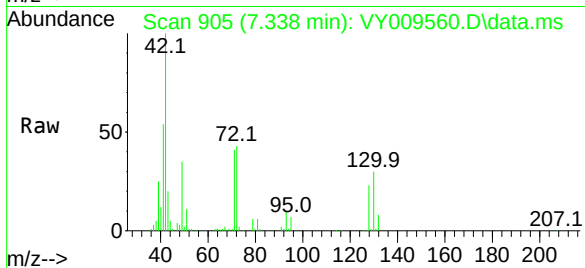
Tgt Ion: 42 Resp: 106171

Ion Ratio Lower Upper

42 100

72 41.8 30.3 45.5

71 39.8 29.0 43.4



#30

Chloroform

Concen: 49.602 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009560.D

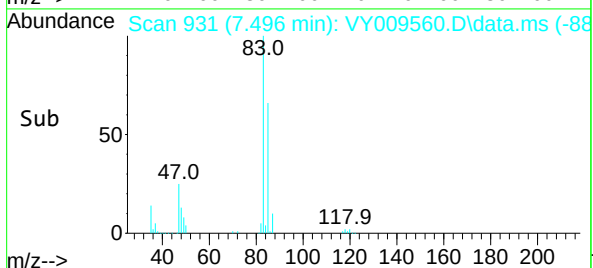
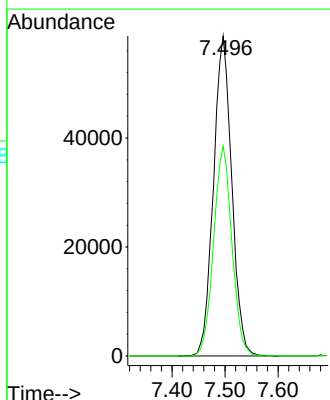
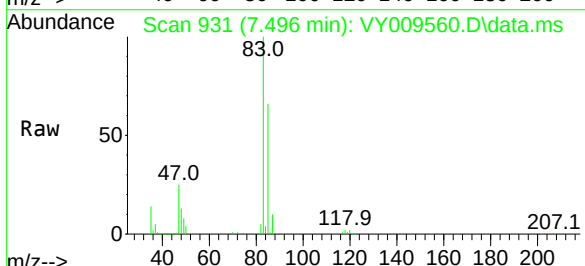
Acq: 13 Jul 2022 17:11

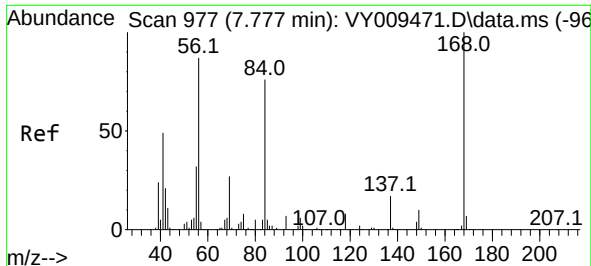
Tgt Ion: 83 Resp: 140784

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

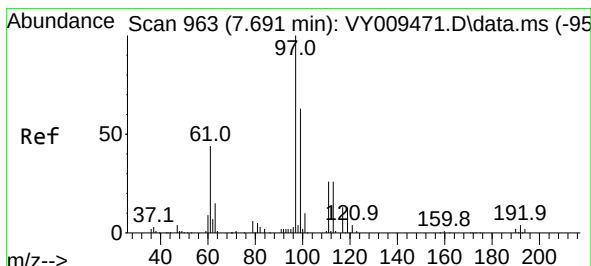
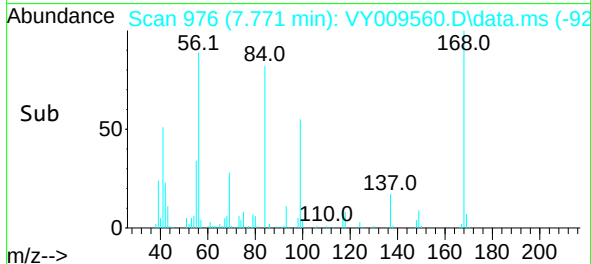
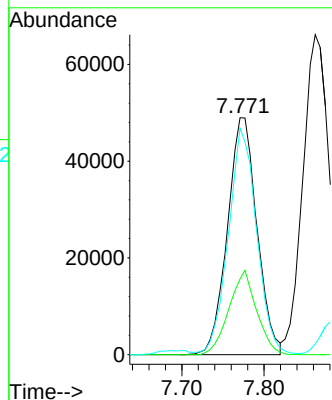
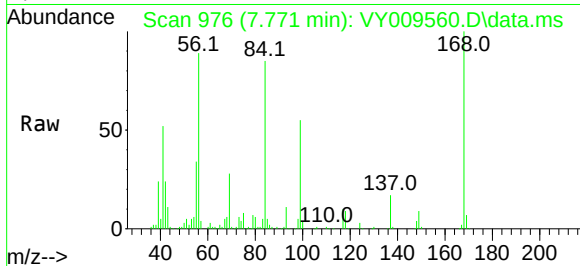




#31
Cyclohexane
Concen: 48.412 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

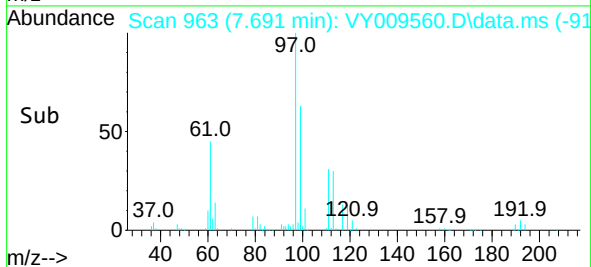
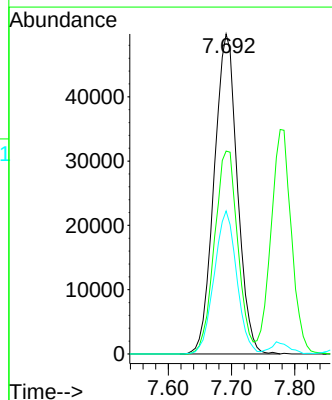
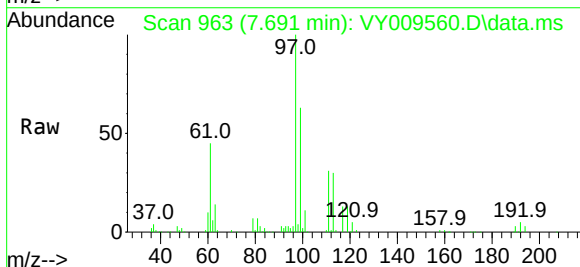
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

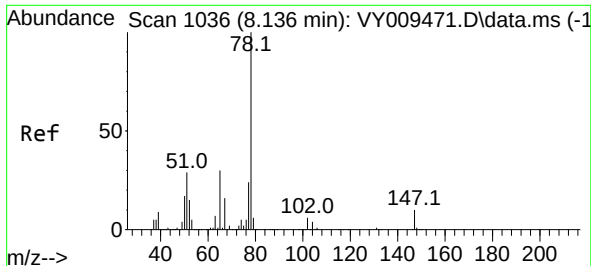
Tgt Ion: 56 Resp: 122065
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 93.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.677 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 97 Resp: 126812
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 43.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.683 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

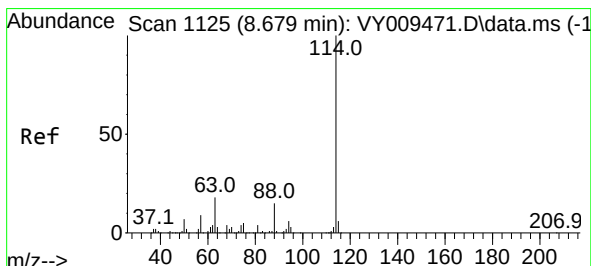
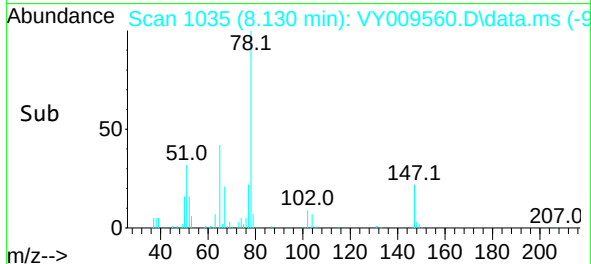
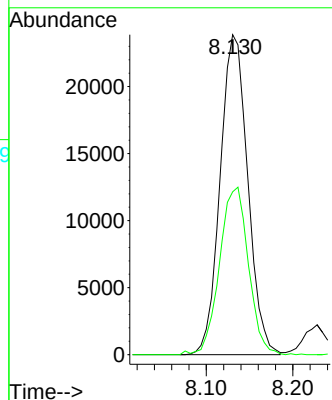
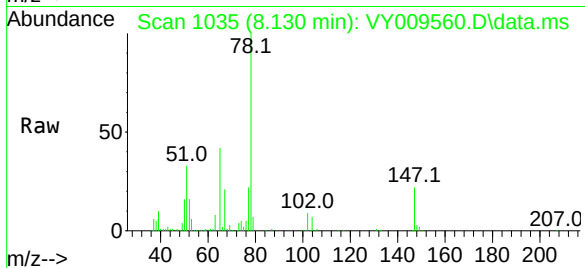
VSTDCCC050EC

Tgt Ion: 65 Resp: 52888

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

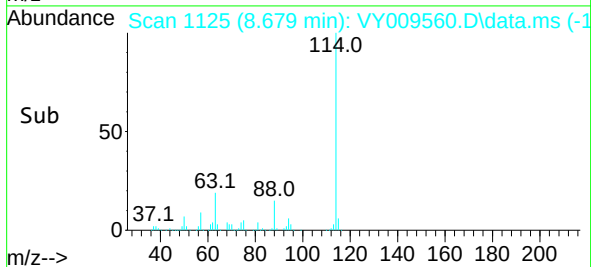
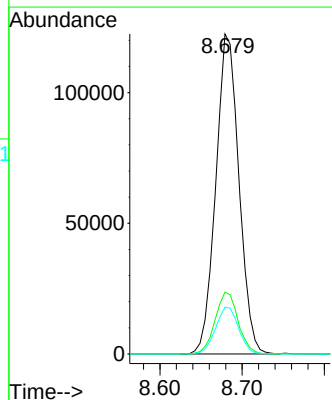
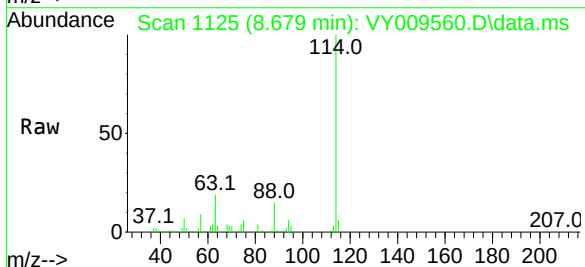
Tgt Ion: 114 Resp: 239217

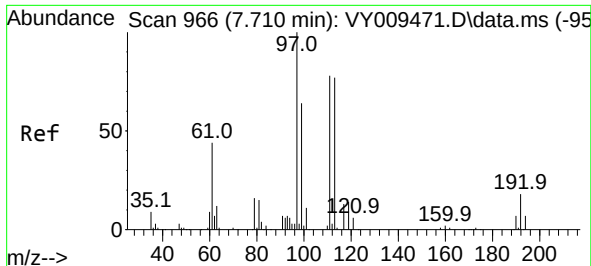
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.6 0.0 31.8

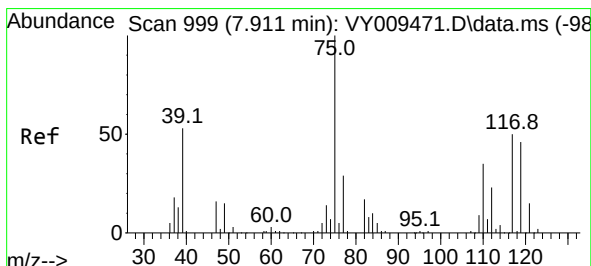
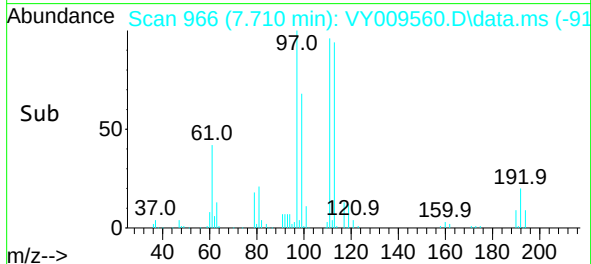
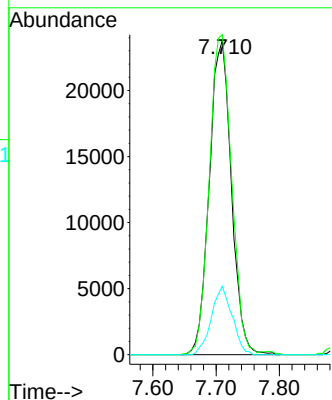
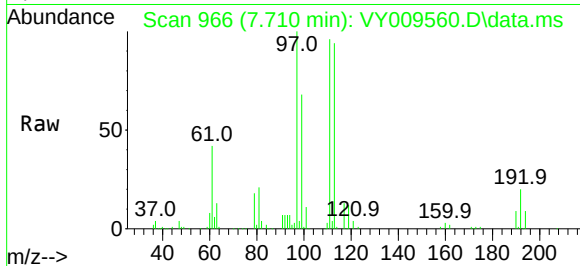




#35
Dibromofluoromethane
Concen: 45.701 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

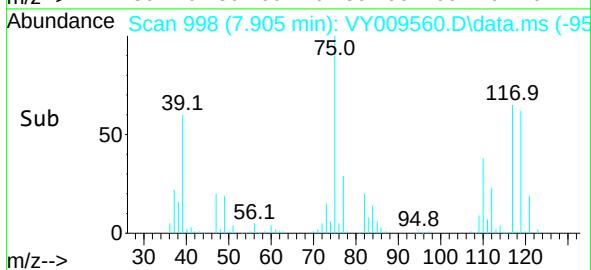
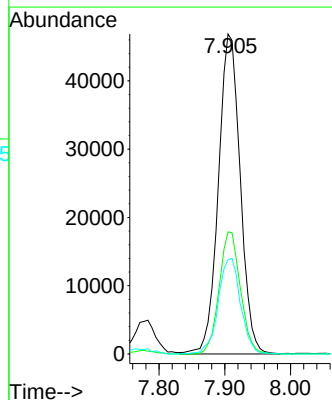
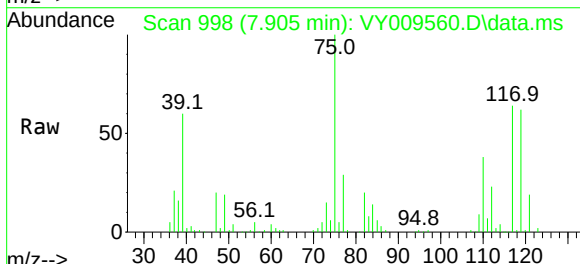
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

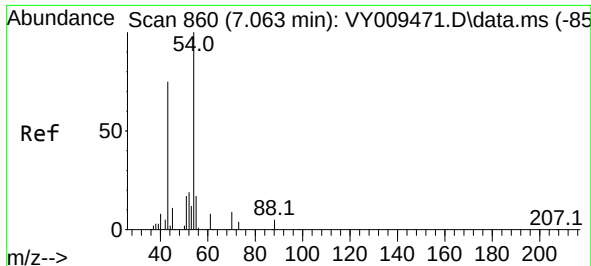
Tgt Ion:113 Resp: 57523
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.907 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 75 Resp: 108417
Ion Ratio Lower Upper
75 100
110 37.0 17.1 51.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 55.736 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.001 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

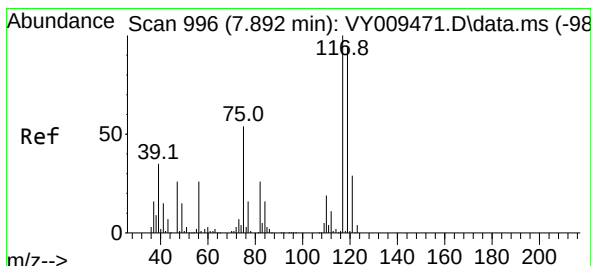
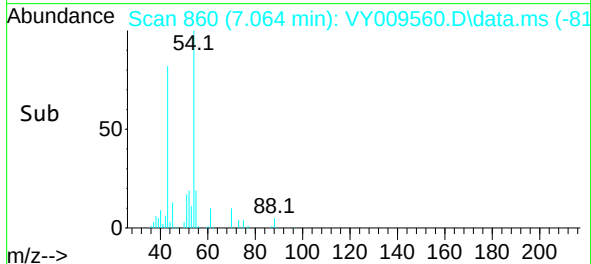
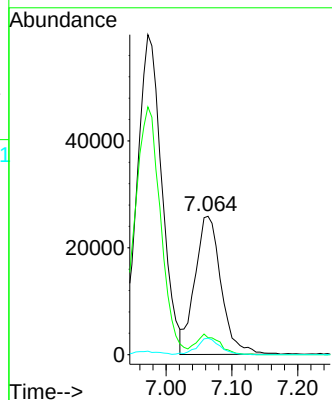
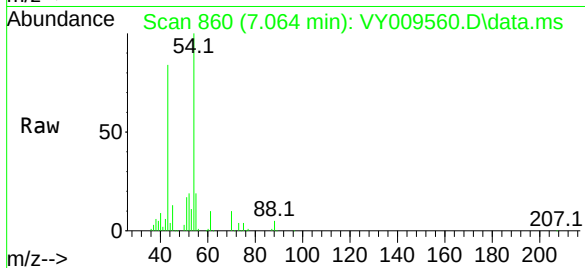
Tgt Ion: 43 Resp: 71593

Ion Ratio Lower Upper

43 100

61 13.1 9.7 14.5

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.640 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

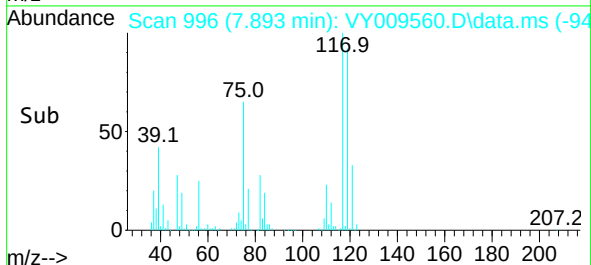
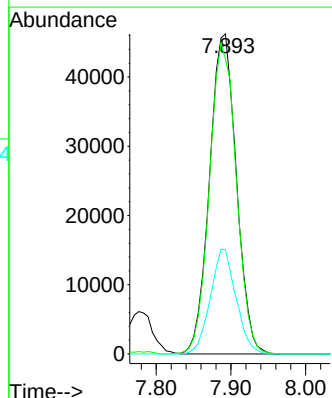
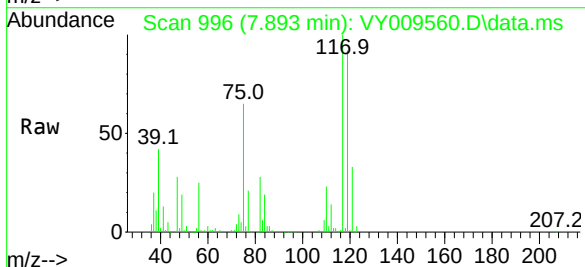
Tgt Ion: 117 Resp: 115364

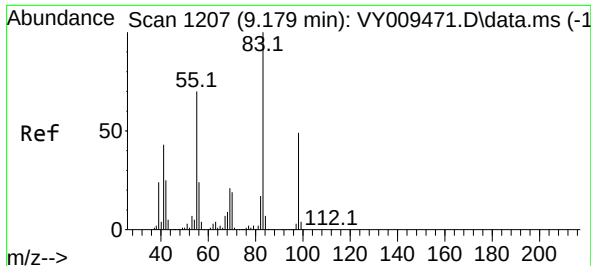
Ion Ratio Lower Upper

117 100

119 92.0 77.9 116.9

121 32.6 24.8 37.2





#39

Methylcyclohexane

Concen: 52.748 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

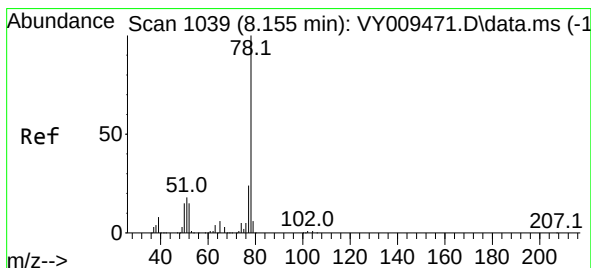
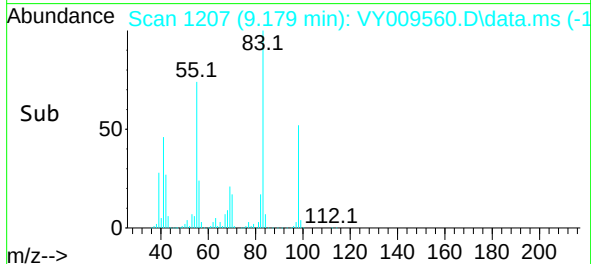
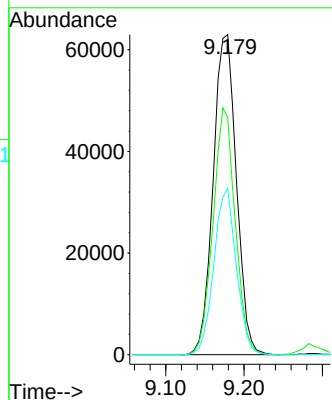
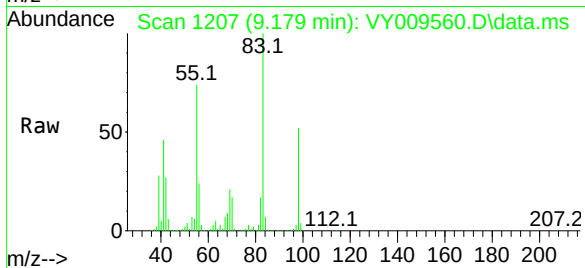
Tgt Ion: 83 Resp: 129747

Ion Ratio Lower Upper

83 100

55 74.1 66.5 99.7

98 52.0 37.9 56.9



#40

Benzene

Concen: 51.993 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009560.D

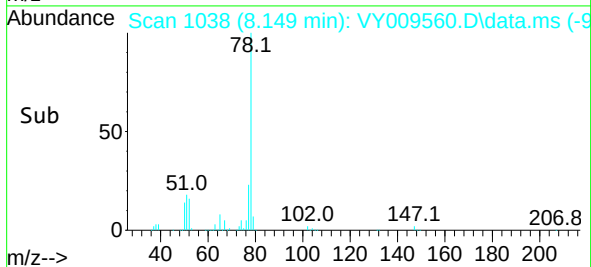
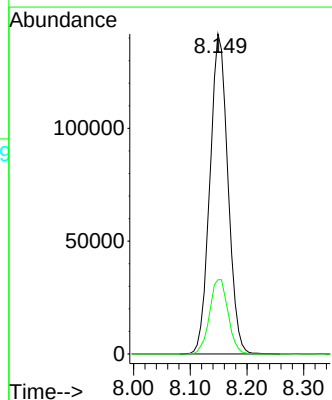
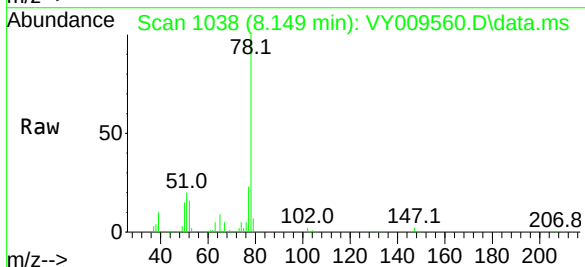
Acq: 13 Jul 2022 17:11

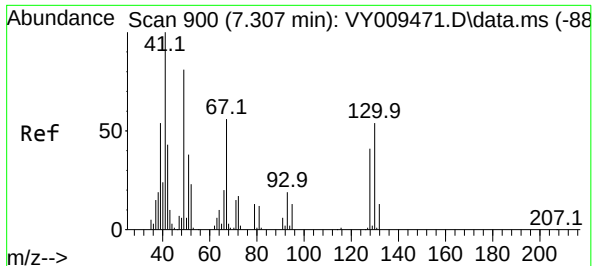
Tgt Ion: 78 Resp: 312864

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

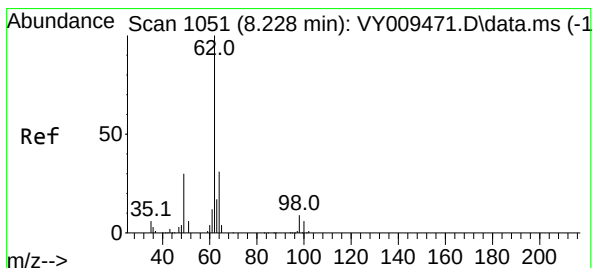
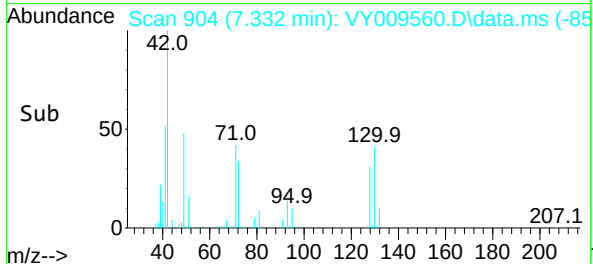
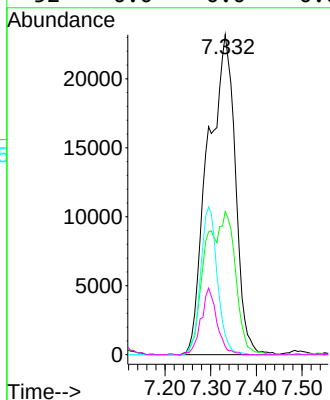
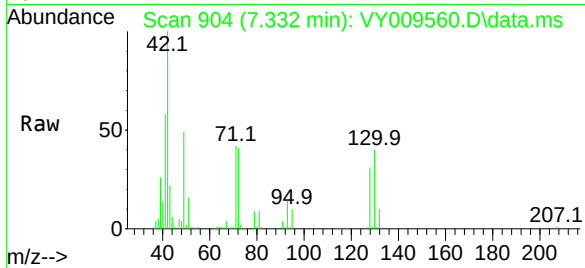




#41
Methacrylonitrile
Concen: 144.558 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

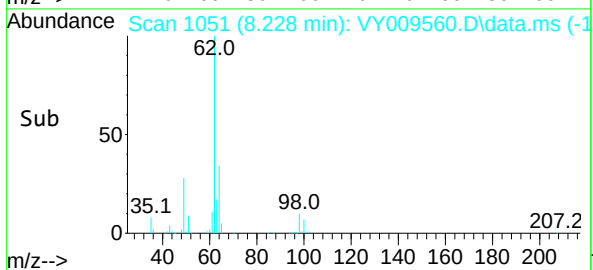
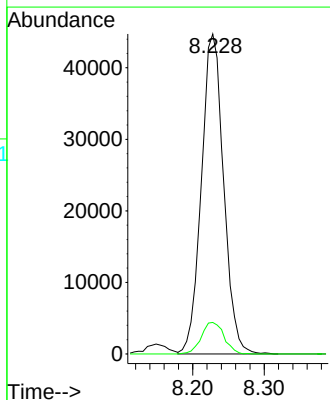
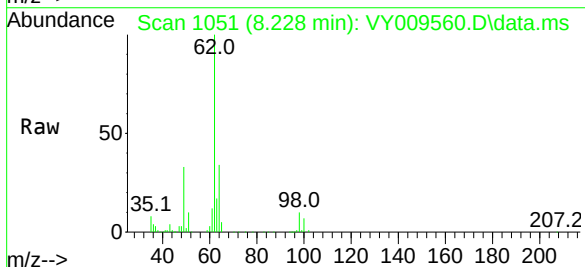
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

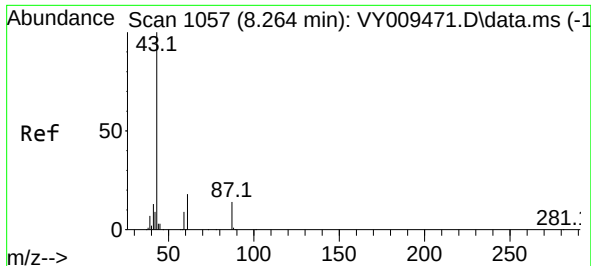
Tgt Ion: 41 Resp: 96419
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.434 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 62 Resp: 96532
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

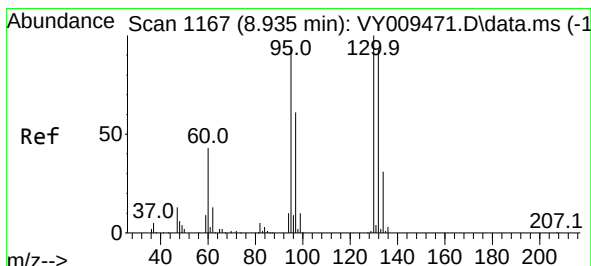
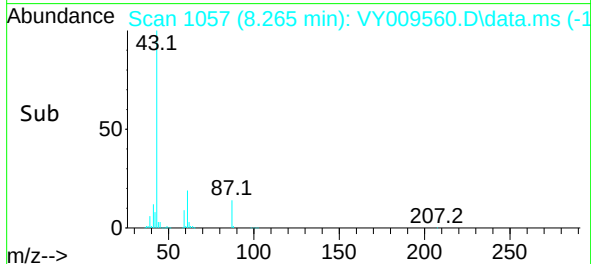
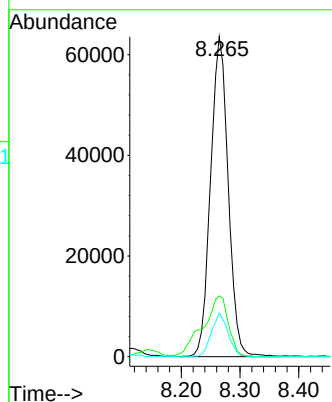
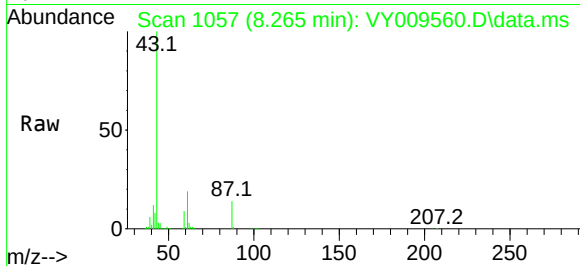




#43
Isopropyl Acetate
Concen: 55.353 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

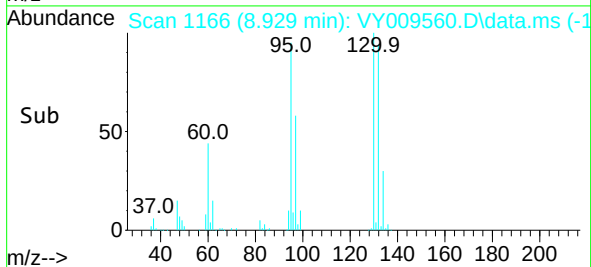
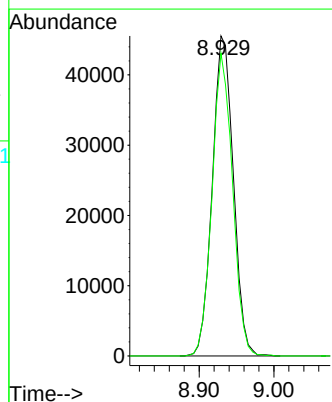
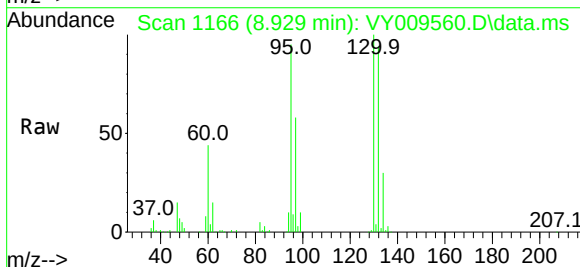
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

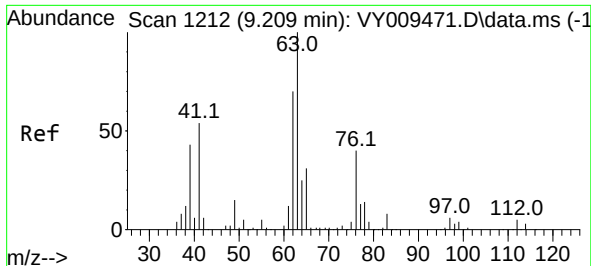
Tgt Ion: 43 Resp: 132664
Ion Ratio Lower Upper
43 100
61 27.4 20.2 30.2
87 12.9 8.9 13.3



#44
Trichloroethene
Concen: 52.492 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:130 Resp: 89231
Ion Ratio Lower Upper
130 100
95 94.6 0.0 188.2

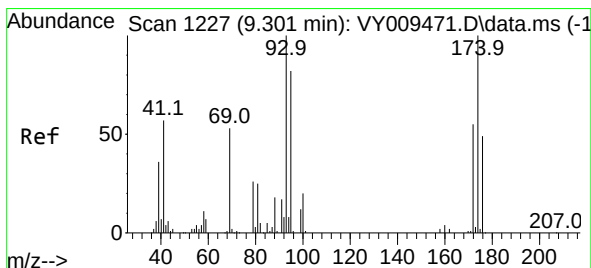
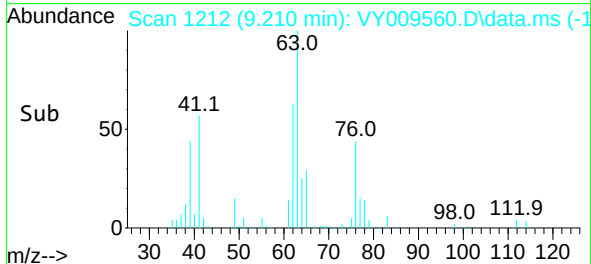
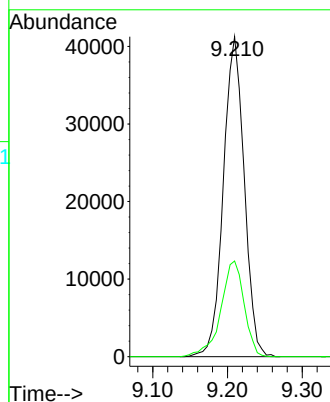
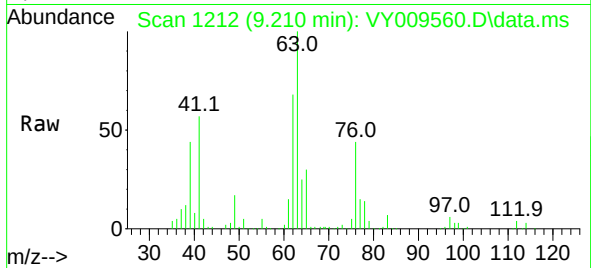




#45
1,2-Dichloropropane
Concen: 52.556 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

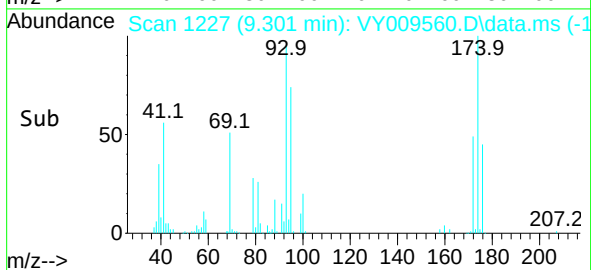
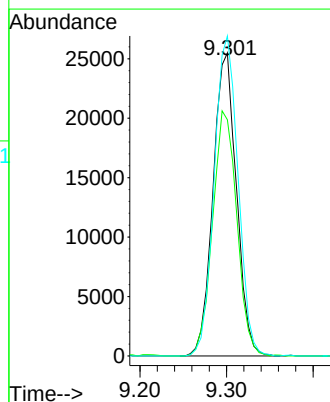
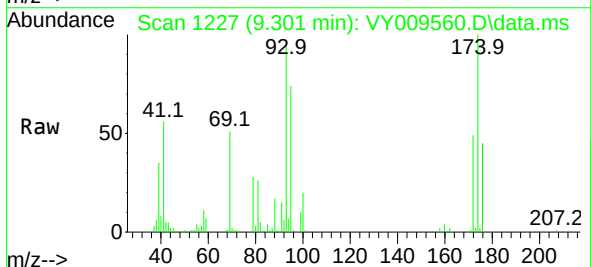
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

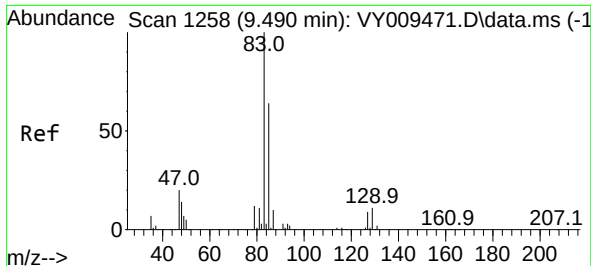
Tgt Ion: 63 Resp: 80034
Ion Ratio Lower Upper
63 100
65 29.9 23.0 34.6



#46
Dibromomethane
Concen: 53.590 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 93 Resp: 47898
Ion Ratio Lower Upper
93 100
95 83.6 64.3 96.5
174 107.3 83.4 125.0

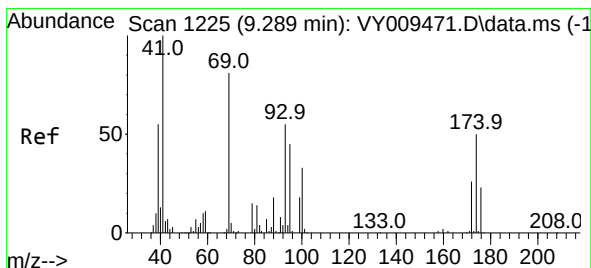
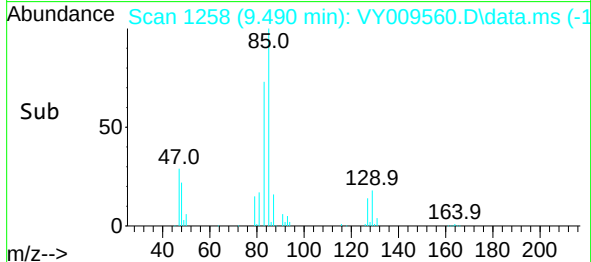
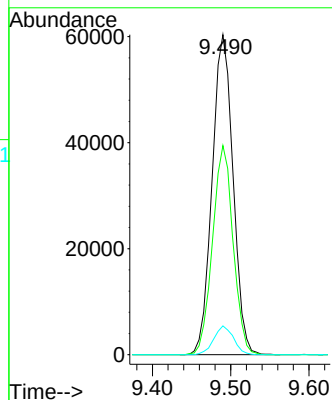
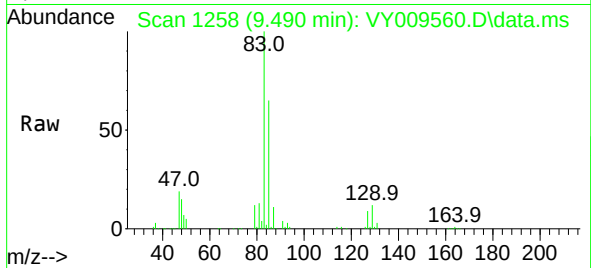




#47
Bromodichloromethane
Concen: 52.660 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

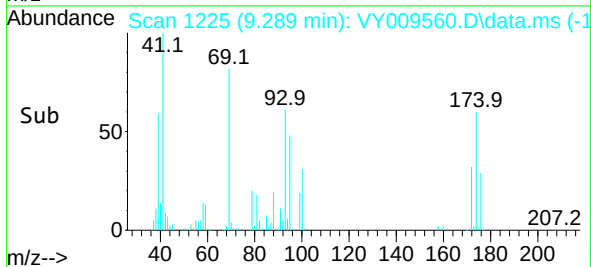
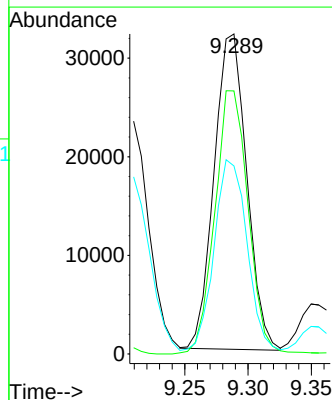
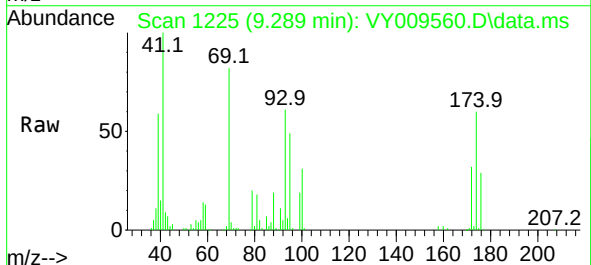
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

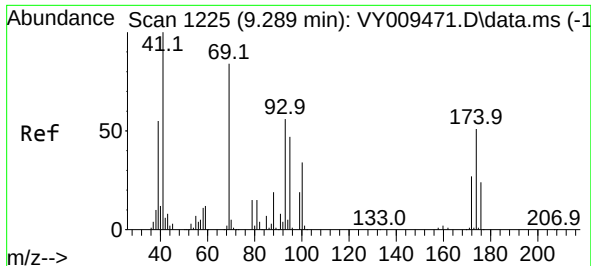
Tgt Ion: 83 Resp: 112026
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 55.548 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 41 Resp: 57359
Ion Ratio Lower Upper
41 100
69 85.5 58.2 87.2
39 62.5 47.4 71.0





#49

1,4-Dioxane

Concen: 1093.415 ug/l

RT: 9.283 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

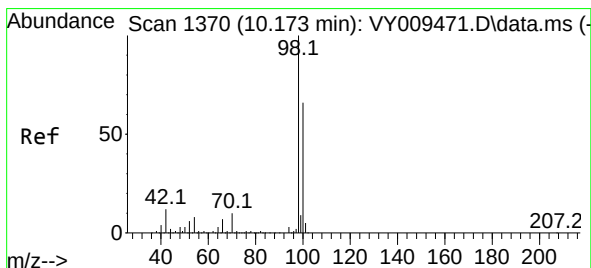
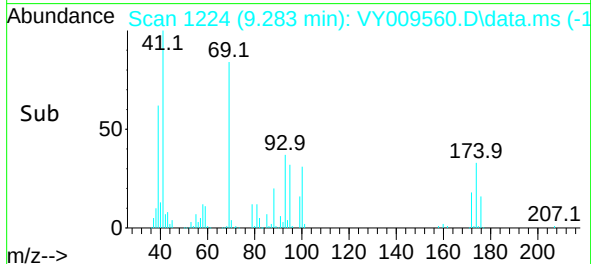
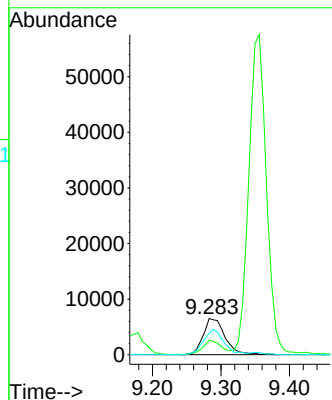
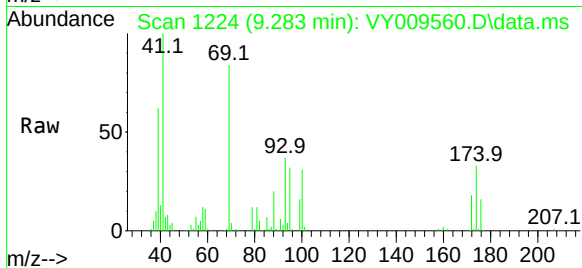
Tgt Ion: 88 Resp: 14392

Ion Ratio Lower Upper

88 100

43 33.6 32.8 49.2

58 65.4 59.8 89.6



#50

Toluene-d8

Concen: 49.317 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009560.D

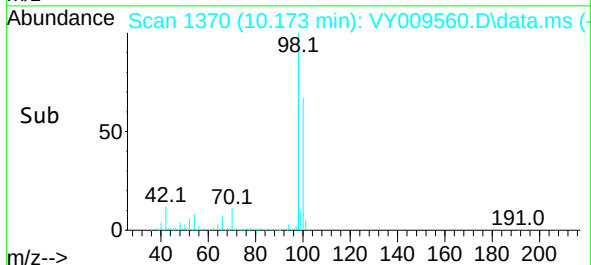
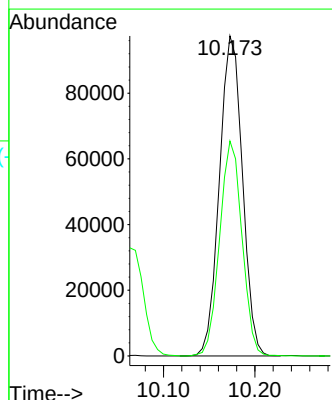
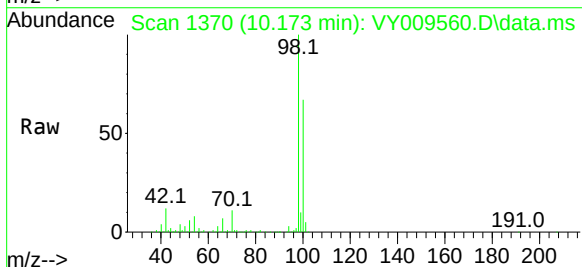
Acq: 13 Jul 2022 17:11

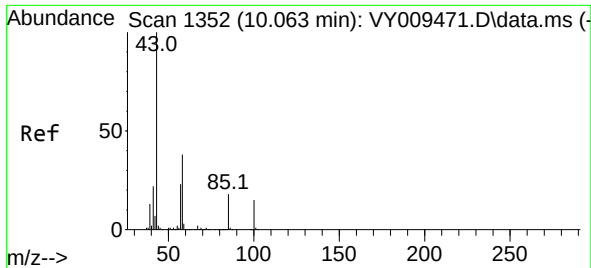
Tgt Ion: 98 Resp: 170576

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

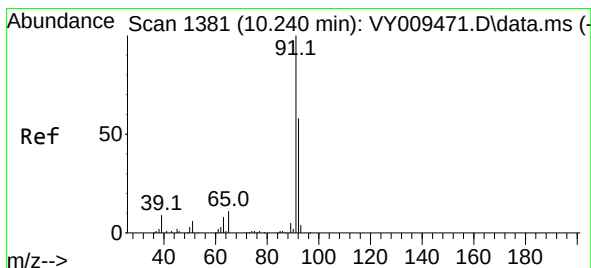
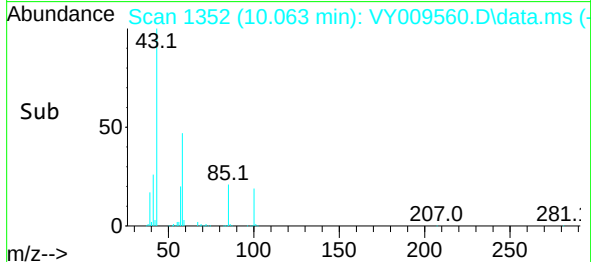
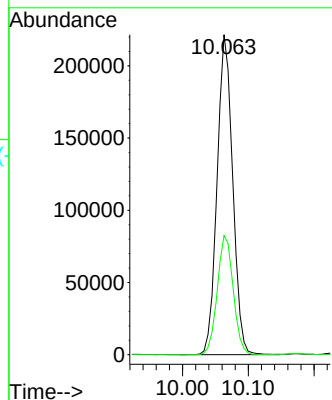
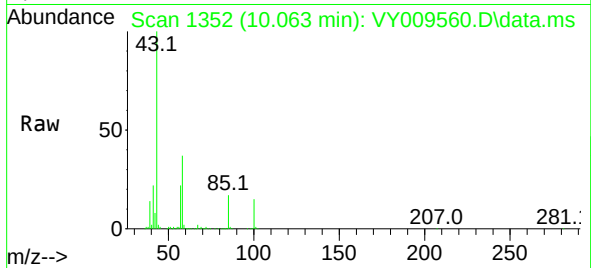




#51
4-Methyl-2-Pentanone
Concen: 290.238 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

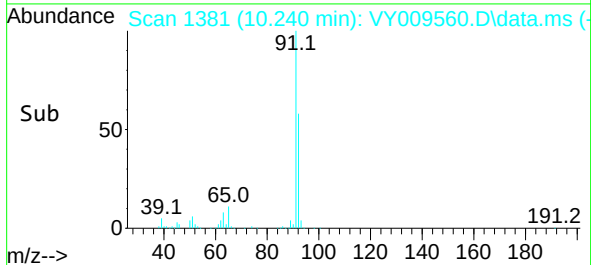
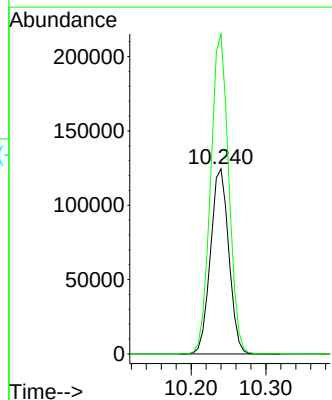
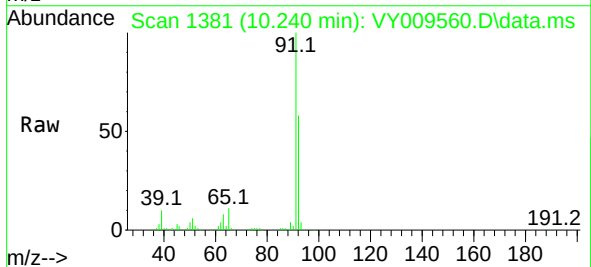
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

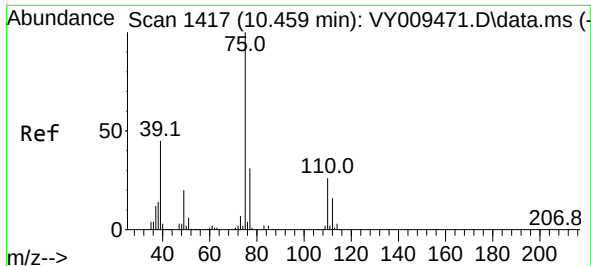
Tgt Ion: 43 Resp: 365816
Ion Ratio Lower Upper
43 100
58 38.1 28.1 42.1



#52
Toluene
Concen: 55.158 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 92 Resp: 211501
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8

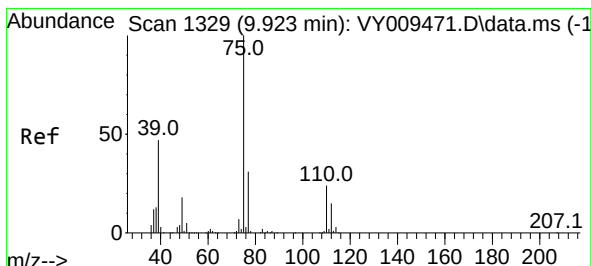
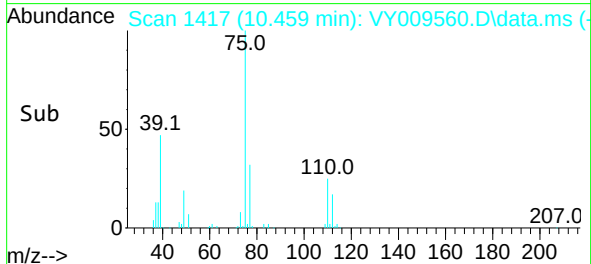
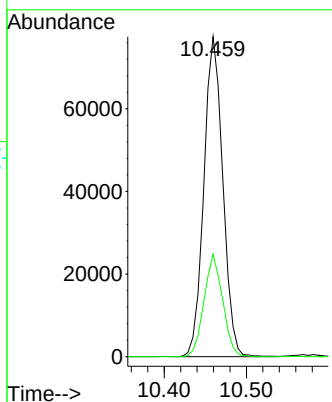
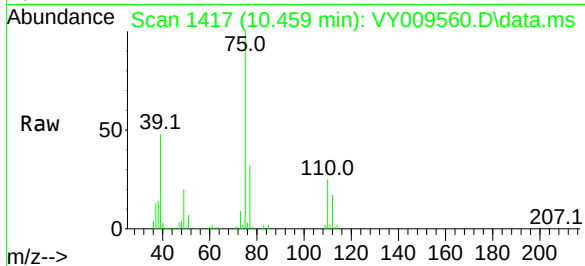




#53
t-1,3-Dichloropropene
Concen: 55.259 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

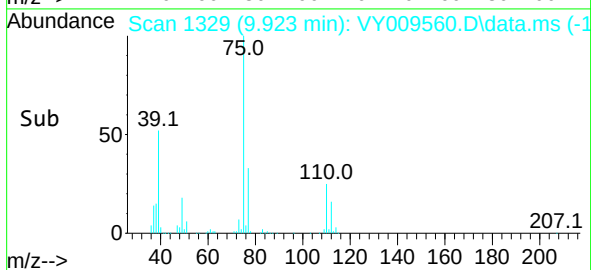
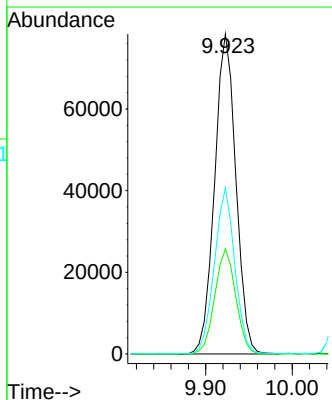
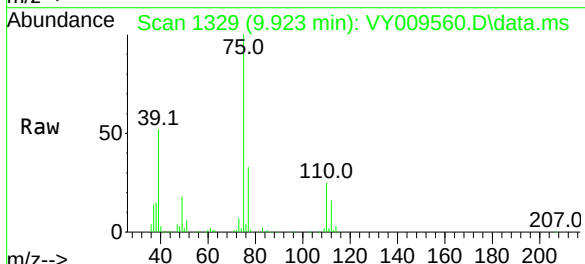
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

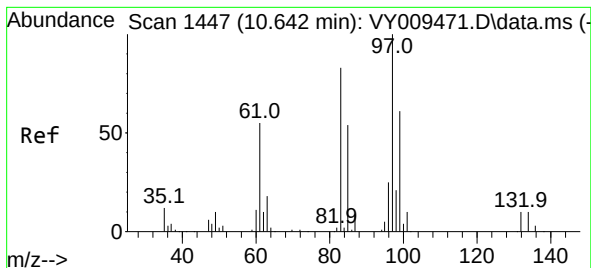
Tgt Ion: 75 Resp: 123882
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.458 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 75 Resp: 133632
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
39 51.7 47.6 71.4

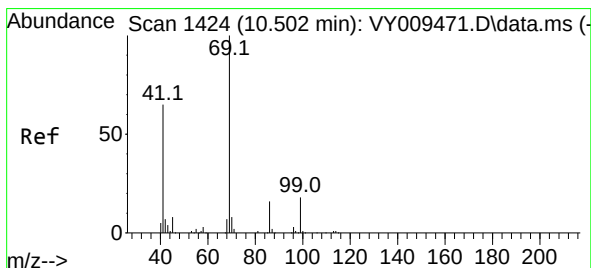
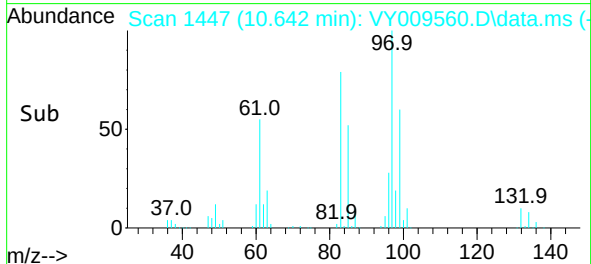
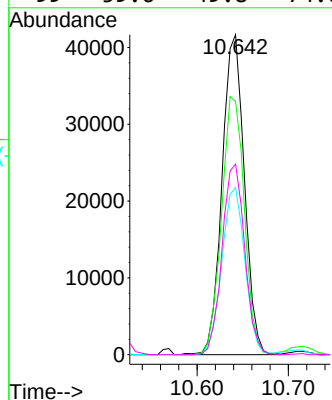
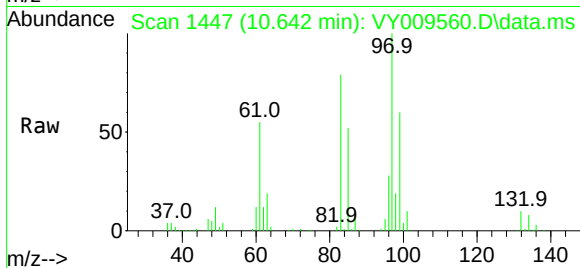




#55
1,1,2-Trichloroethane
Concen: 54.785 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

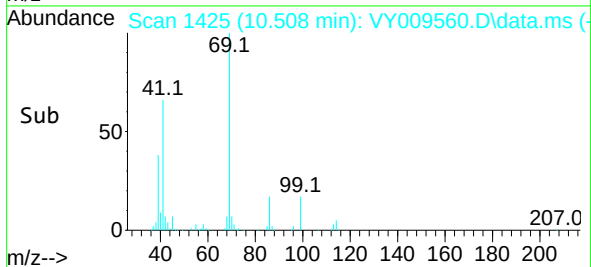
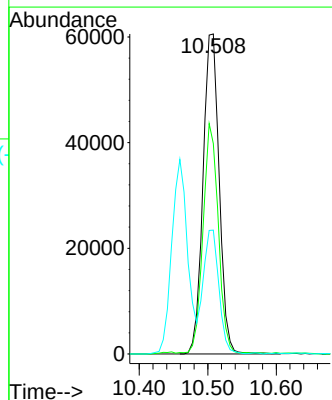
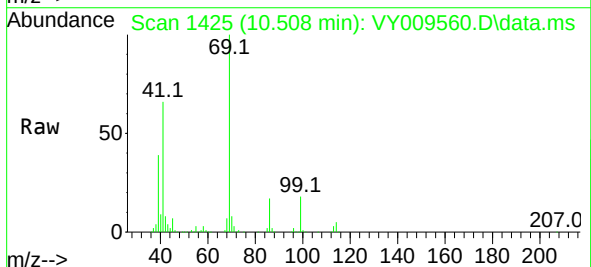
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

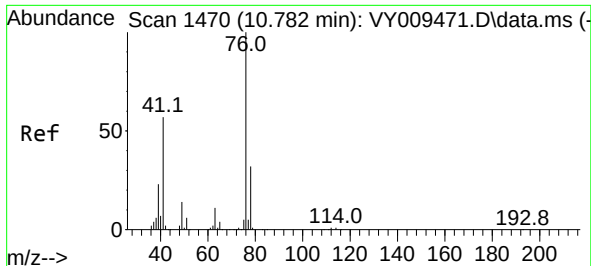
Tgt Ion: 97	Resp: 70640
Ion Ratio	Lower Upper
97 100	
83 79.1	69.8 104.8
85 52.2	44.3 66.5
99 59.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 58.245 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 69	Resp: 99708
Ion Ratio	Lower Upper
69 100	
41 67.6	63.4 95.0
39 37.1	35.8 53.8





#57

1,3-Dichloropropane

Concen: 54.412 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

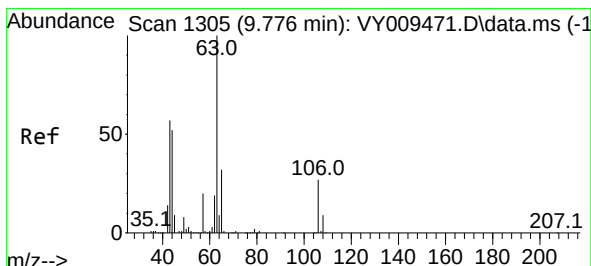
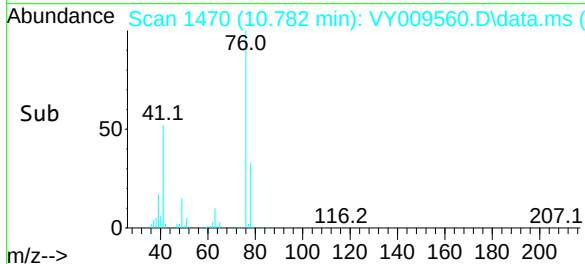
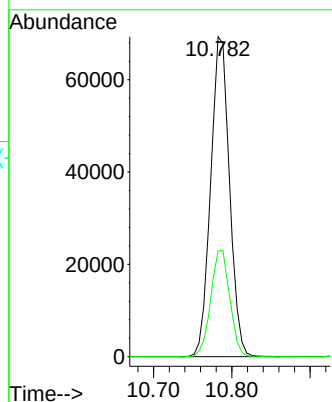
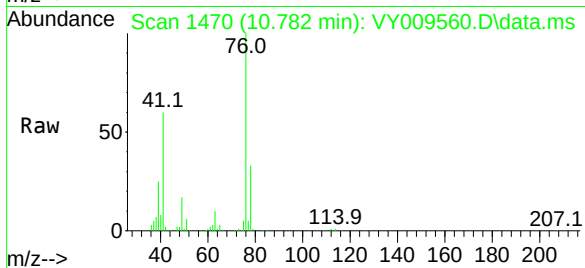
VSTDCCC050EC

Tgt Ion: 76 Resp: 115658

Ion Ratio Lower Upper

76 100

78 33.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 269.136 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009560.D

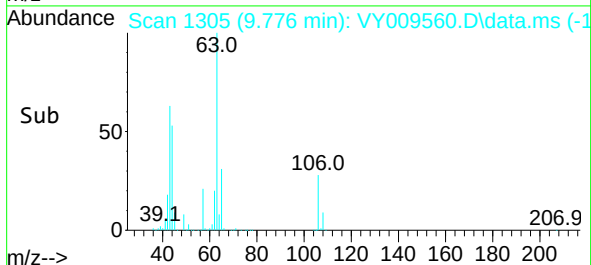
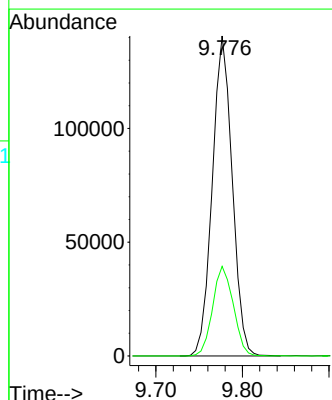
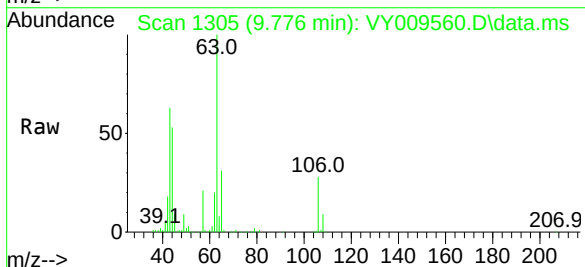
Acq: 13 Jul 2022 17:11

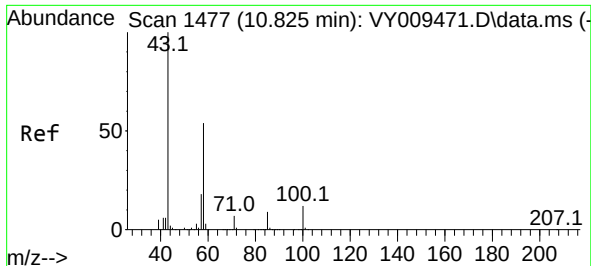
Tgt Ion: 63 Resp: 225067

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

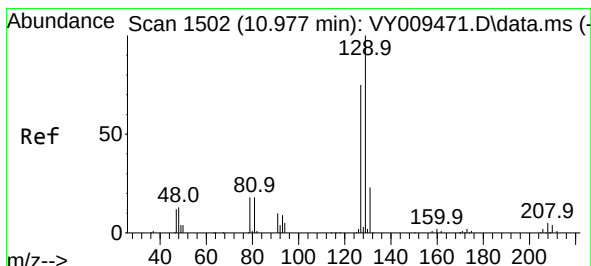
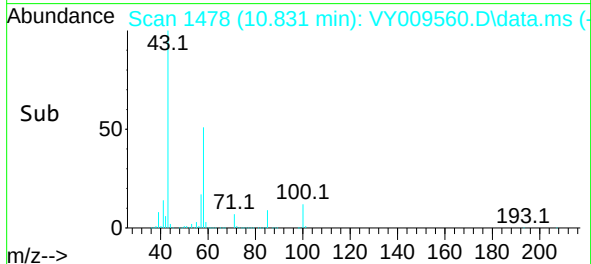
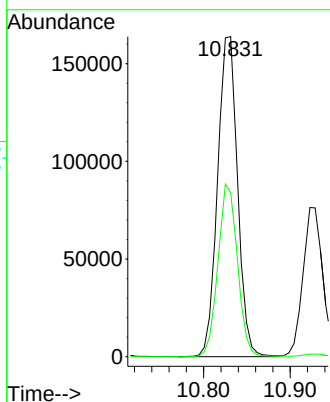
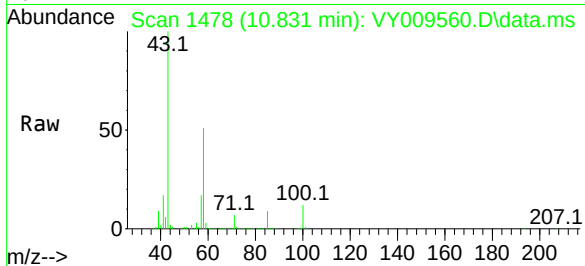




#59
2-Hexanone
Concen: 301.110 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

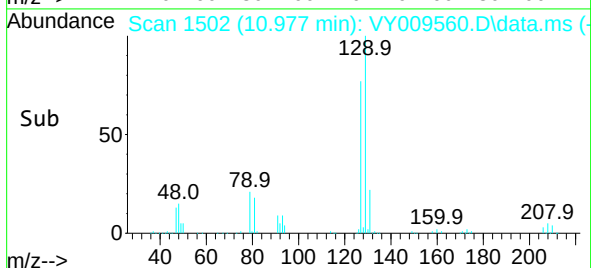
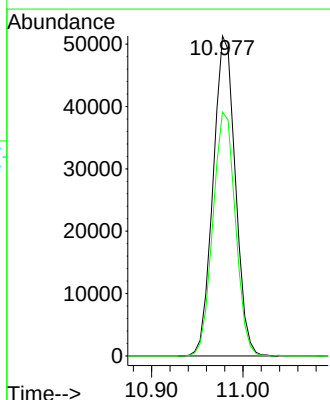
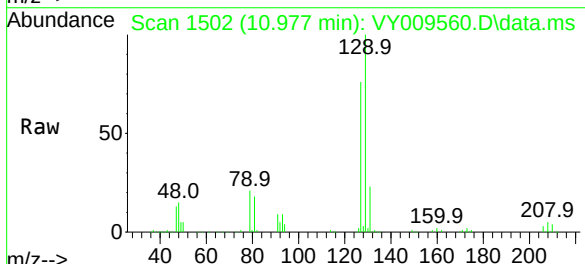
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

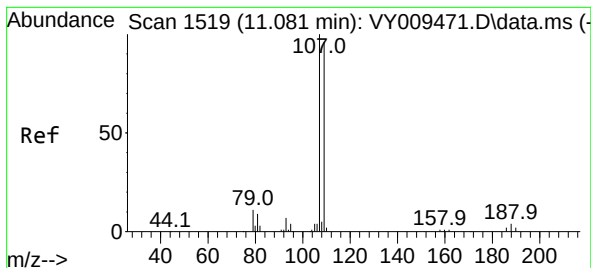
Tgt Ion: 43 Resp: 262981
Ion Ratio Lower Upper
43 100
58 52.6 24.4 73.4



#60
Dibromochloromethane
Concen: 55.527 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 129 Resp: 86700
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

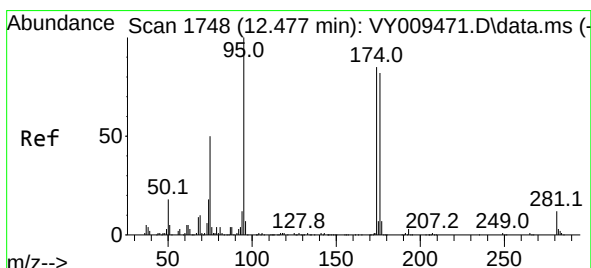
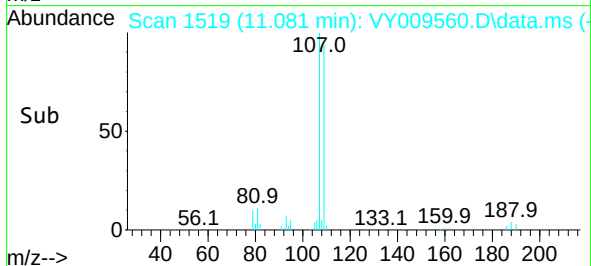
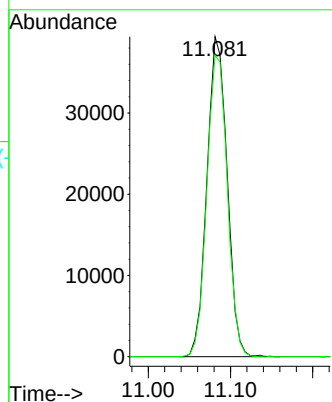
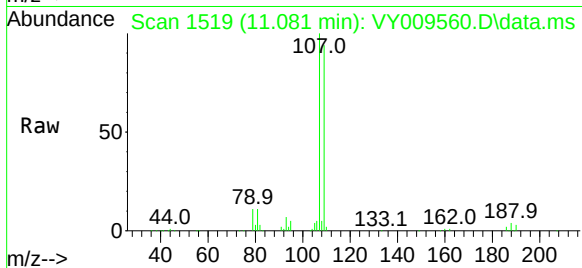




#61
1,2-Dibromoethane
Concen: 54.407 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

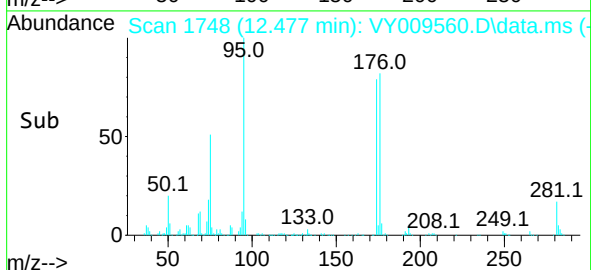
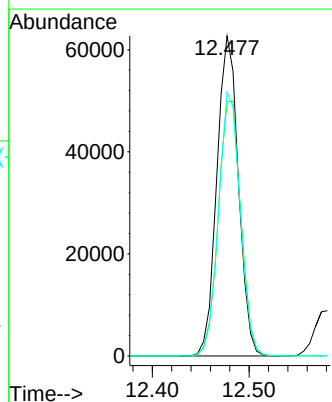
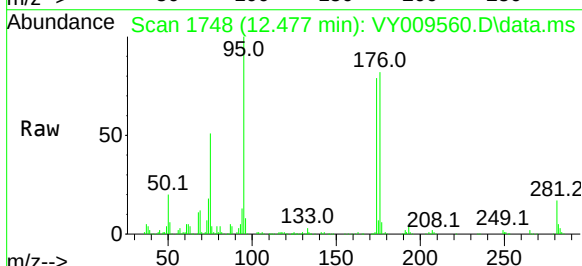
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

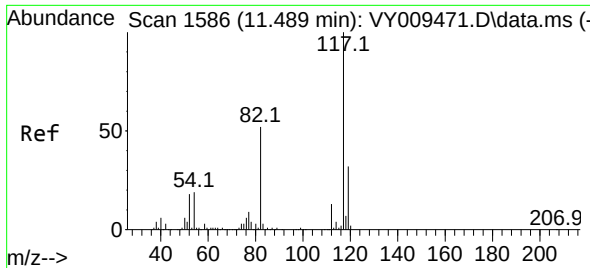
Tgt Ion:107 Resp: 67253
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.508 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 95 Resp: 96846
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 83.3 0.0 175.8

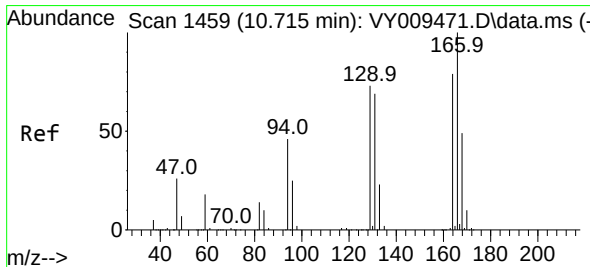
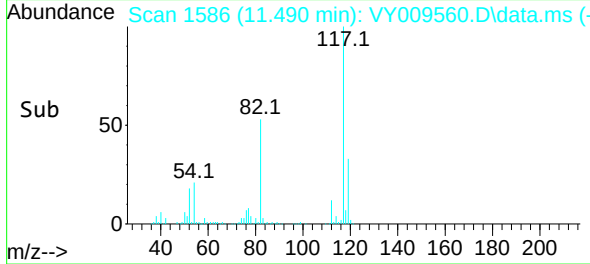
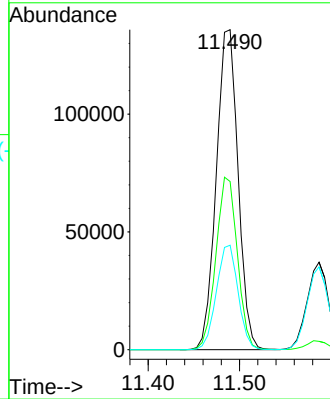
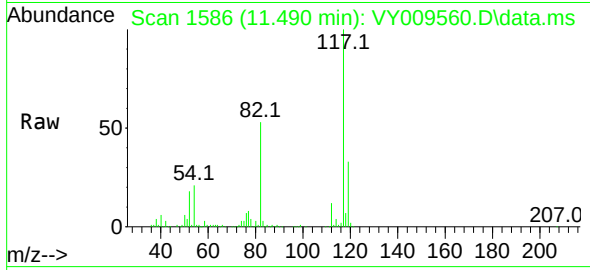




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

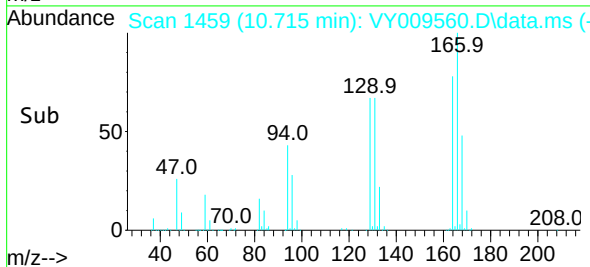
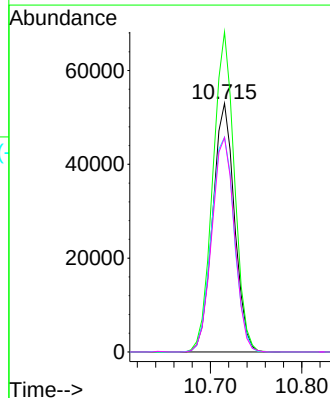
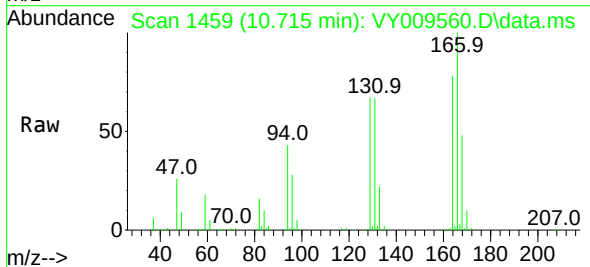
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

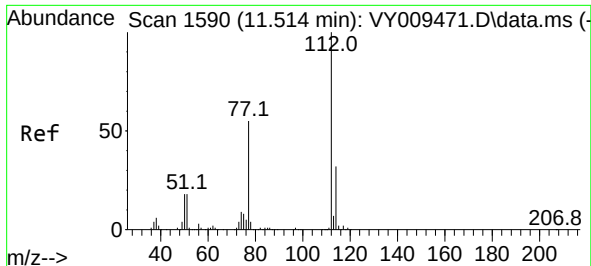
Tgt Ion:117 Resp: 225256
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 46.608 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:164 Resp: 87779
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 86.4 71.4 107.0
131 86.3 70.8 106.2

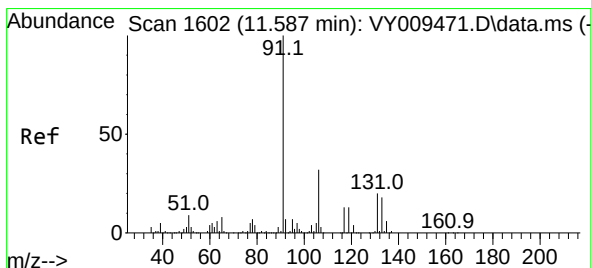
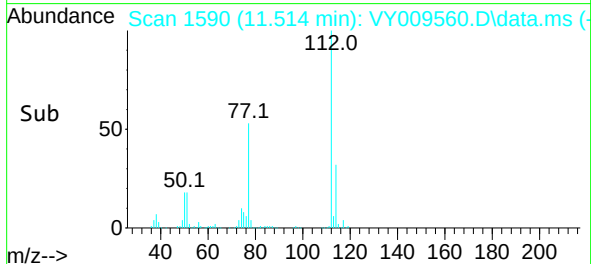
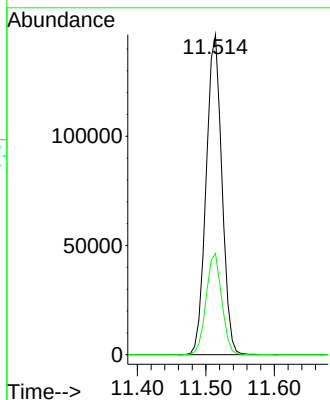
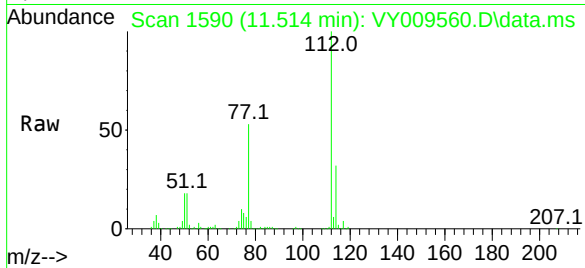




#65
Chlorobenzene
Concen: 52.974 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

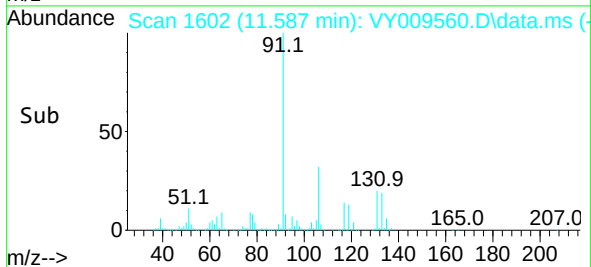
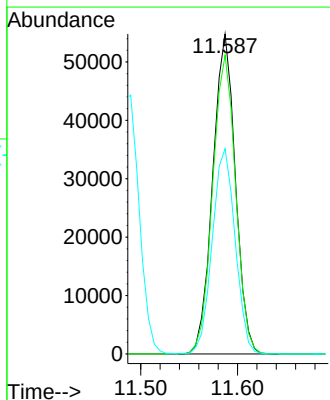
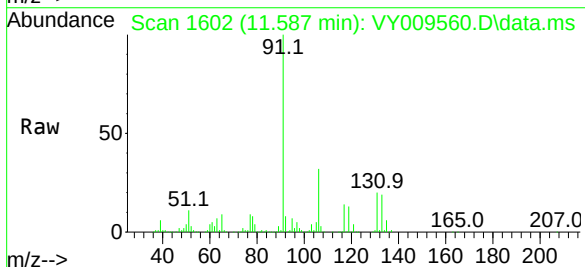
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

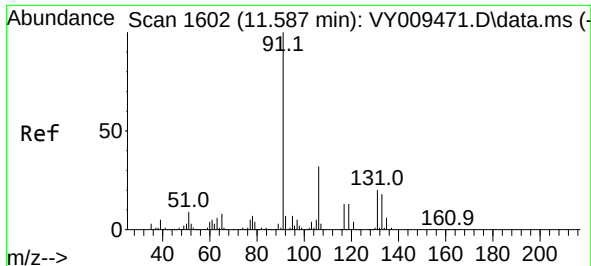
Tgt Ion:112 Resp: 234360
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.396 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:131 Resp: 88859
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 53.727 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

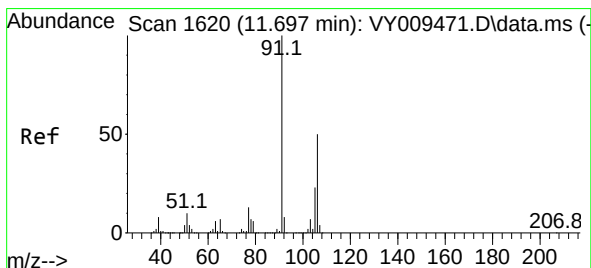
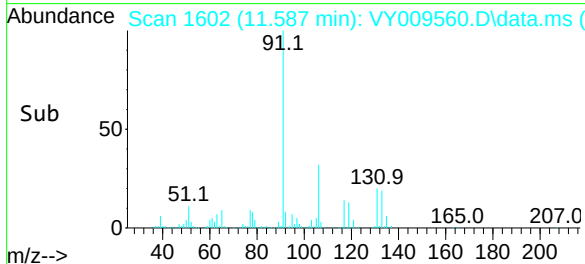
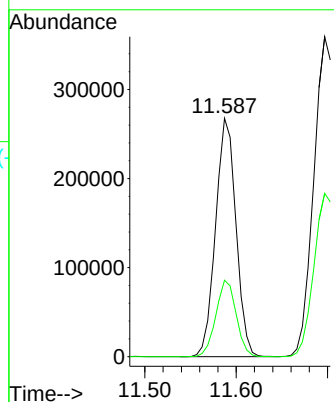
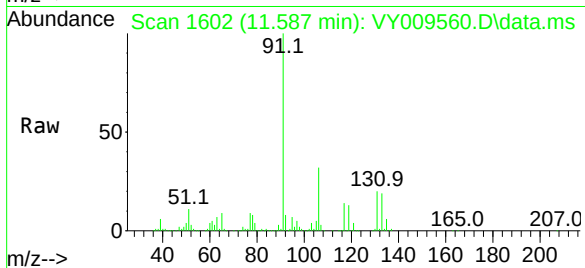
VSTDCCC050EC

Tgt Ion: 91 Resp: 414951

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 111.300 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009560.D

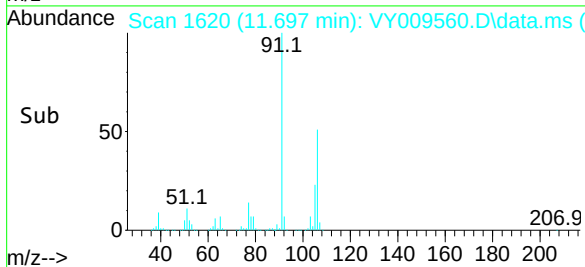
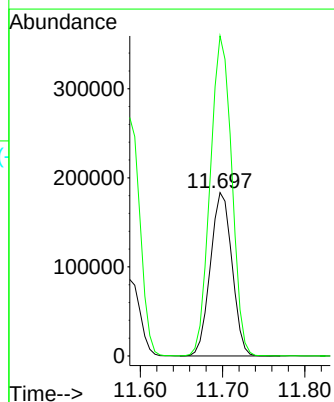
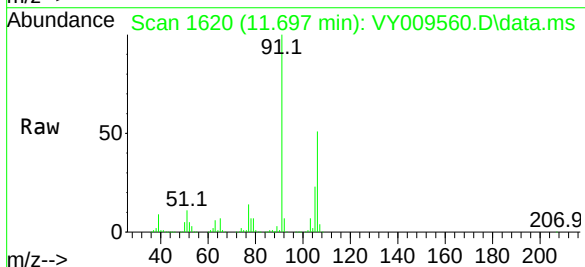
Acq: 13 Jul 2022 17:11

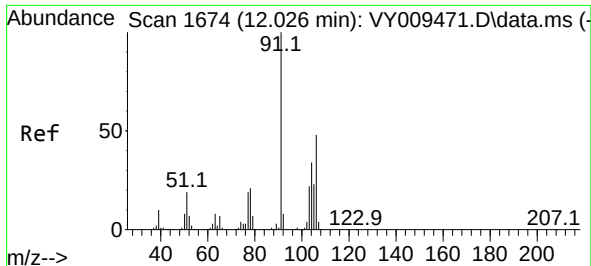
Tgt Ion:106 Resp: 335253

Ion Ratio Lower Upper

106 100

91 195.4 166.6 249.8

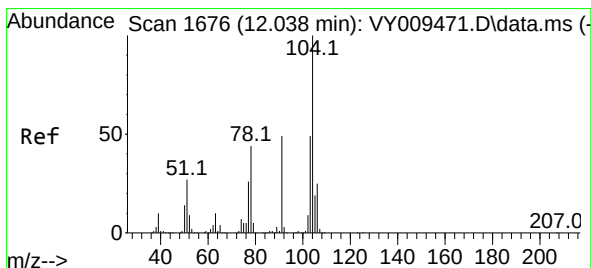
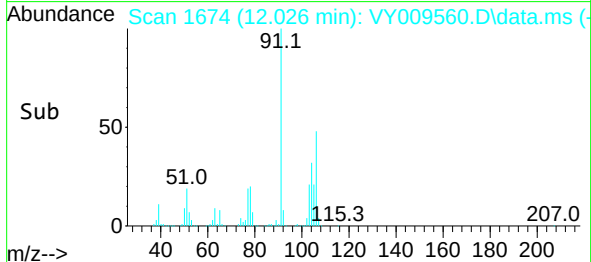
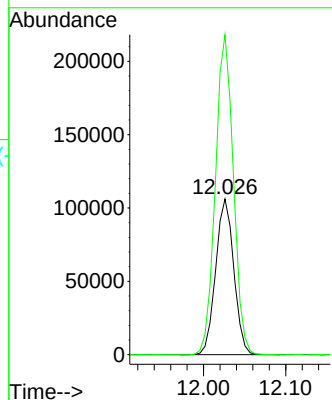
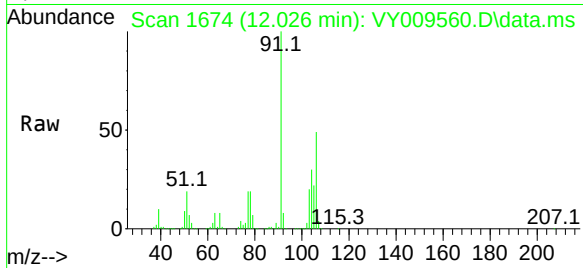




#69
o-Xylene
Concen: 56.318 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

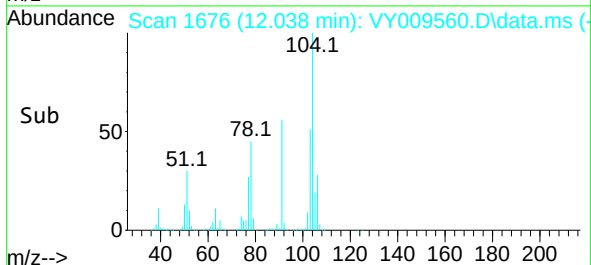
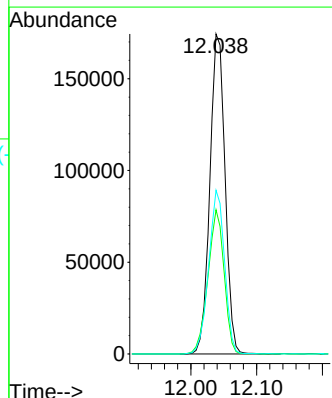
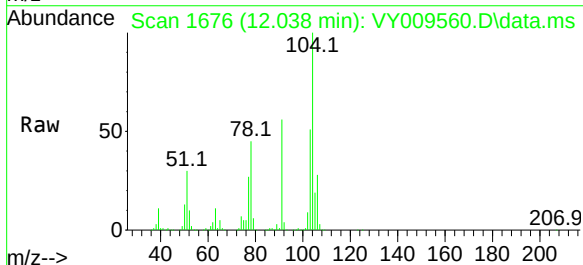
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

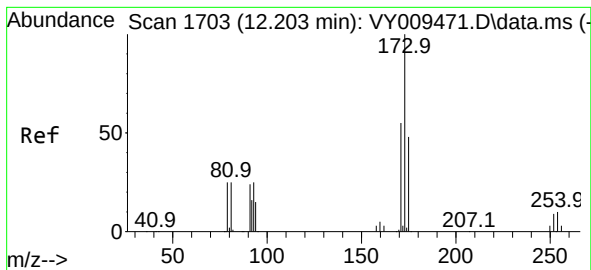
Tgt Ion:106 Resp: 162601
Ion Ratio Lower Upper
106 100
91 204.1 110.3 331.0



#70
Styrene
Concen: 58.190 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:104 Resp: 280618
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 53.7 44.4 66.6





#71

Bromoform

Concen: 57.276 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

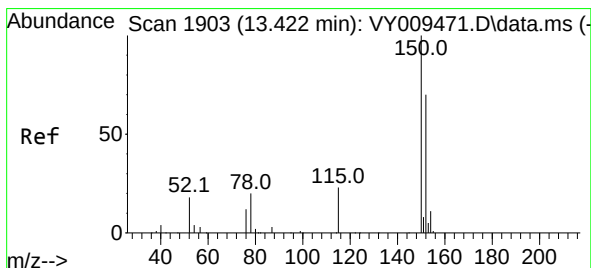
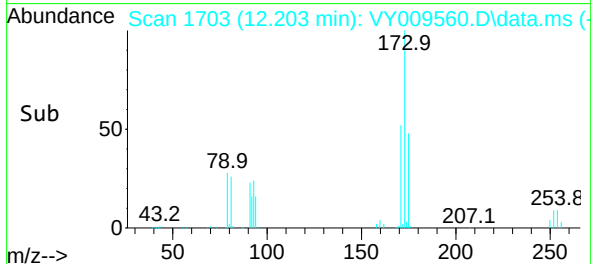
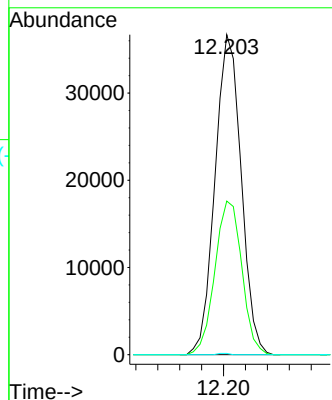
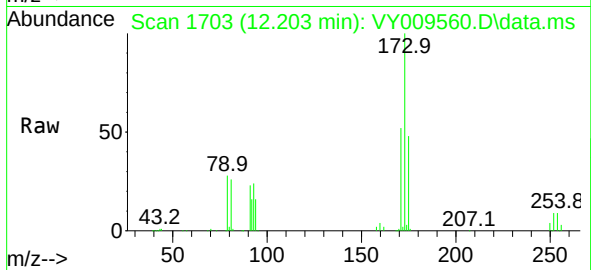
Tgt Ion:173 Resp: 60751

Ion Ratio Lower Upper

173 100

175 49.5 24.6 74.0

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

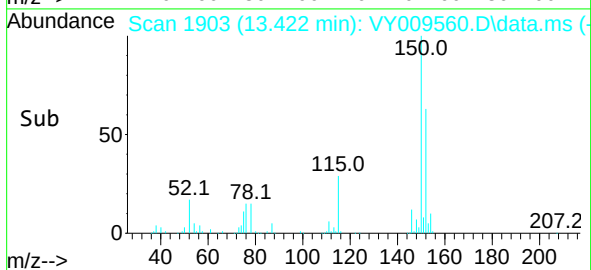
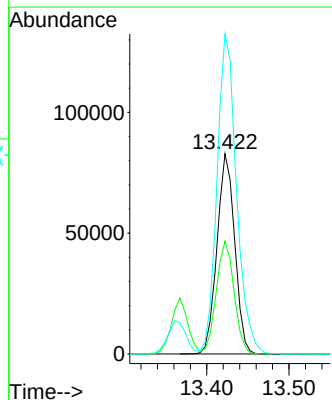
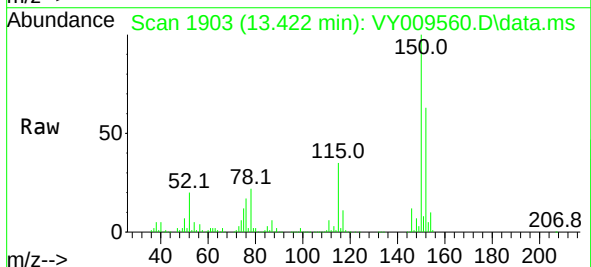
Tgt Ion:152 Resp: 123960

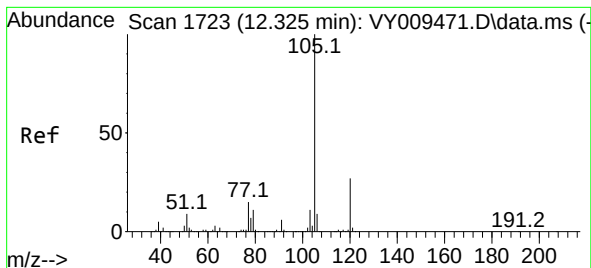
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 176.0 0.0 347.6





#73

Isopropylbenzene

Concen: 50.686 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

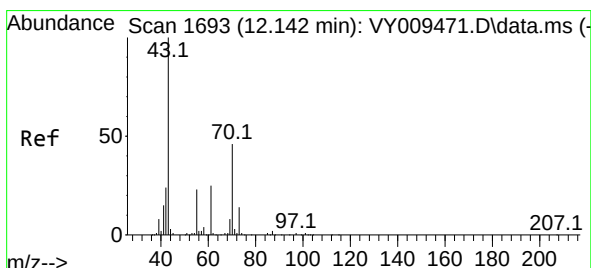
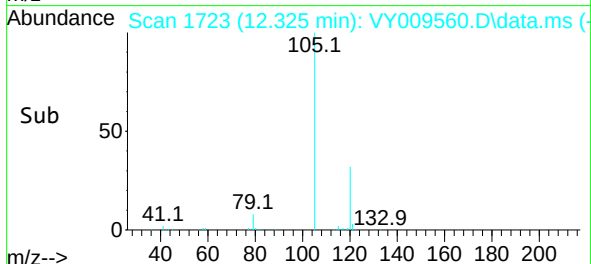
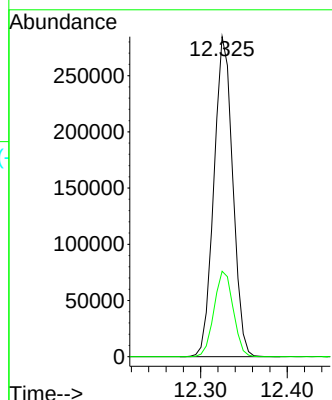
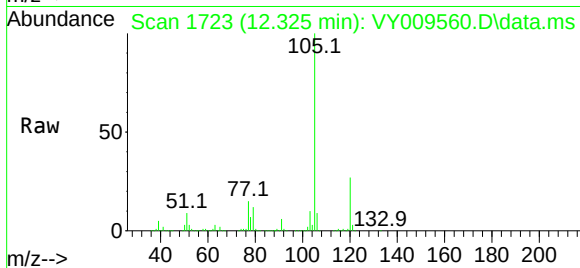
VSTDCCC050EC

Tgt Ion:105 Resp: 429692

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 55.793 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Tgt Ion: 43 Resp: 134576

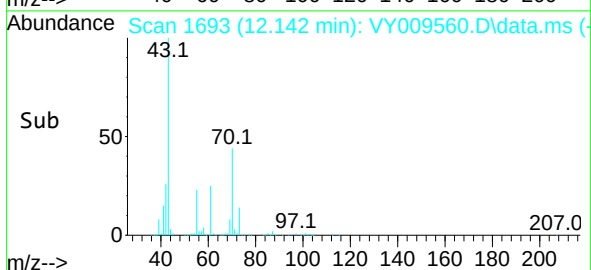
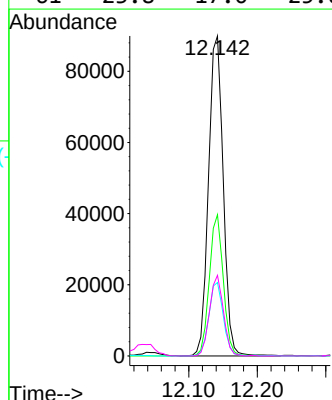
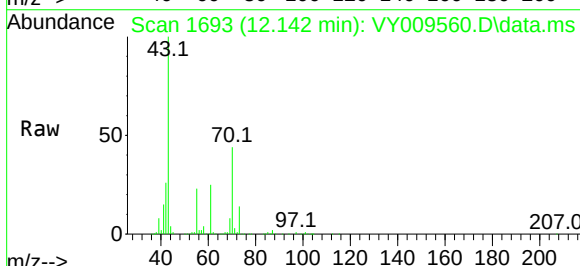
Ion Ratio Lower Upper

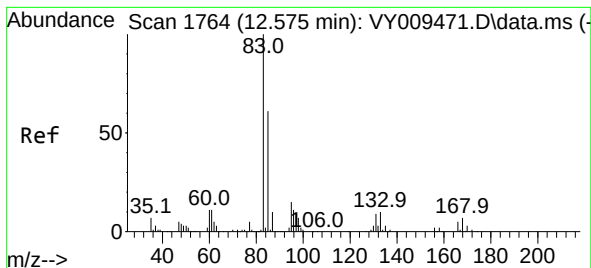
43 100

70 41.8 28.7 43.1

55 22.7 17.3 25.9

61 23.8 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.407 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

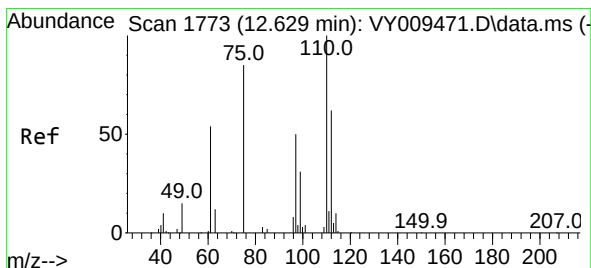
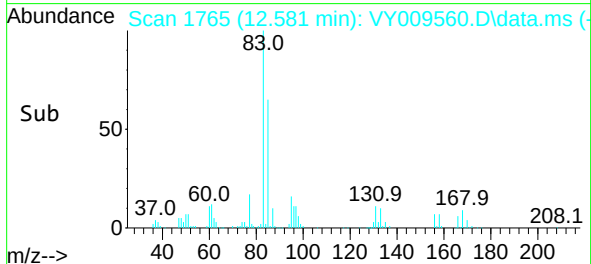
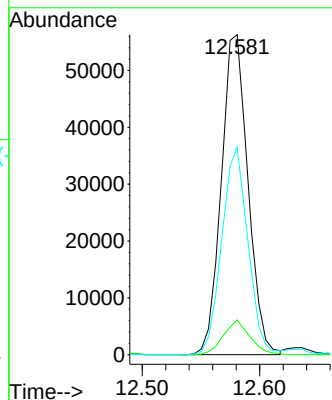
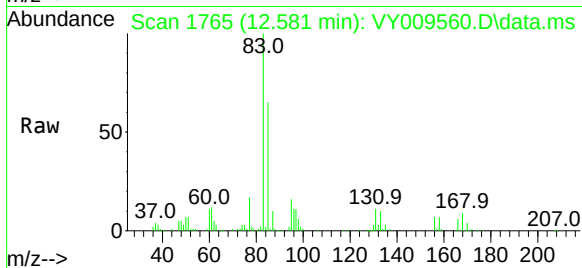
Tgt Ion: 83 Resp: 88957

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 63.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 92.371 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY009560.D

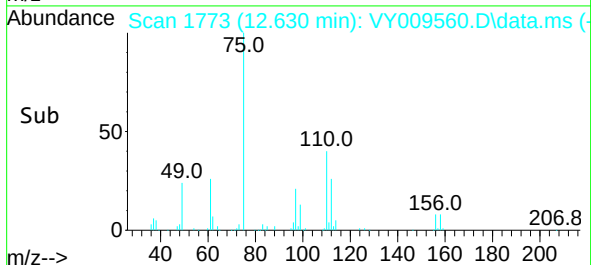
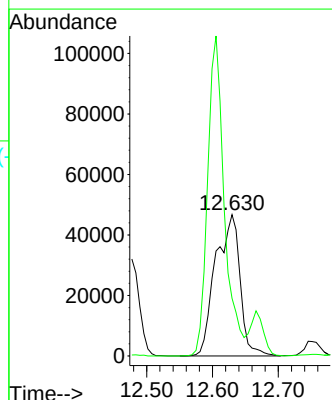
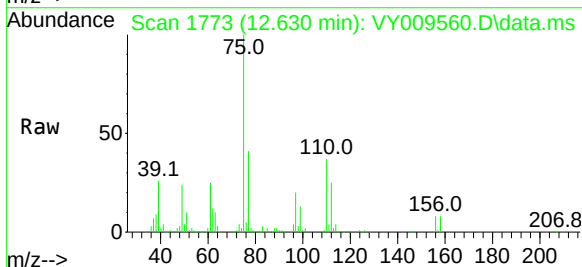
Acq: 13 Jul 2022 17:11

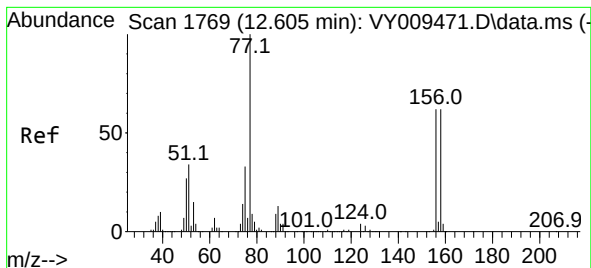
Tgt Ion: 75 Resp: 121210

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.240 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

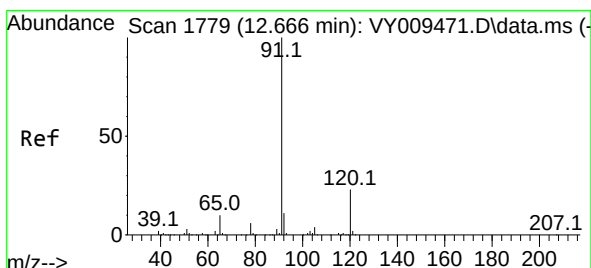
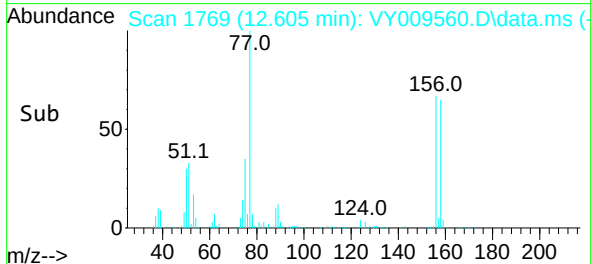
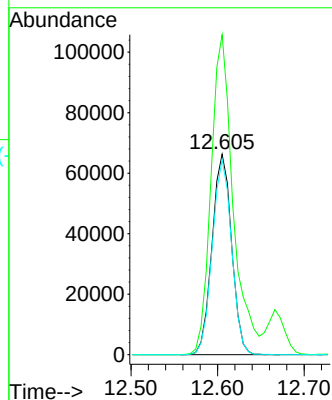
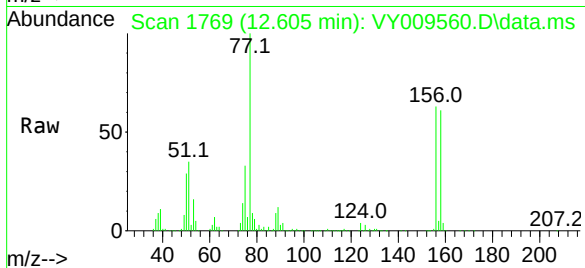
Tgt Ion:156 Resp: 103687

Ion Ratio Lower Upper

156 100

77 180.6 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 51.633 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009560.D

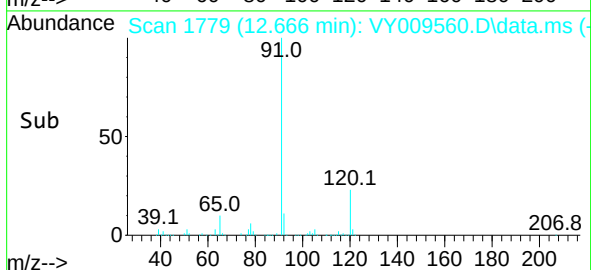
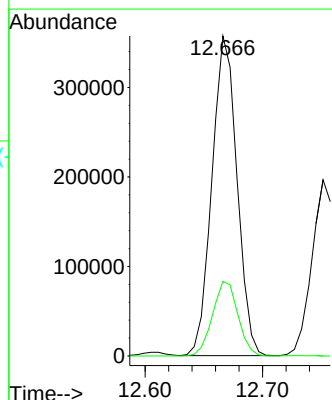
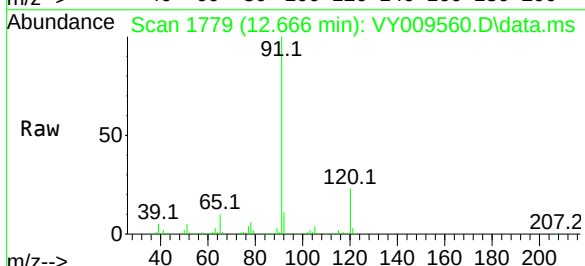
Acq: 13 Jul 2022 17:11

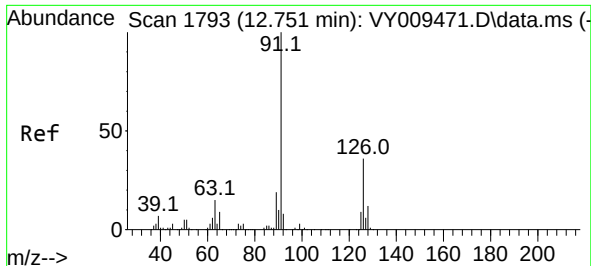
Tgt Ion: 91 Resp: 528827

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9

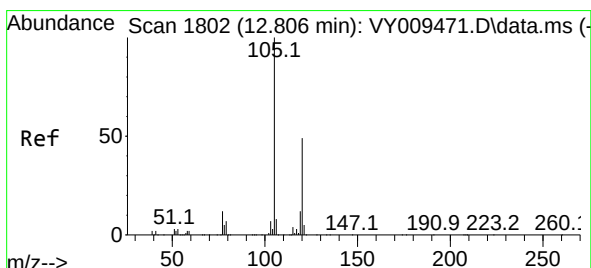
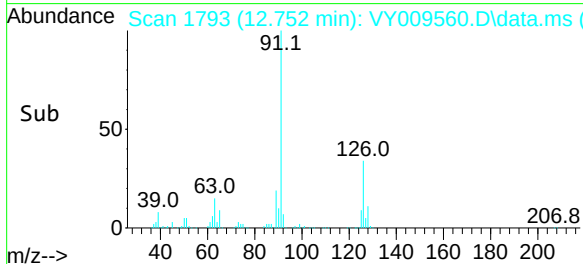
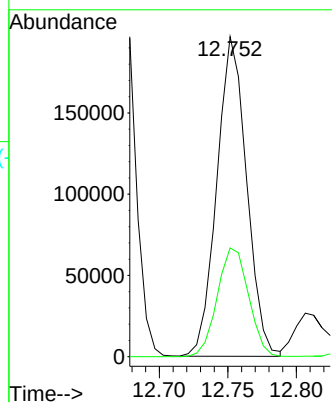
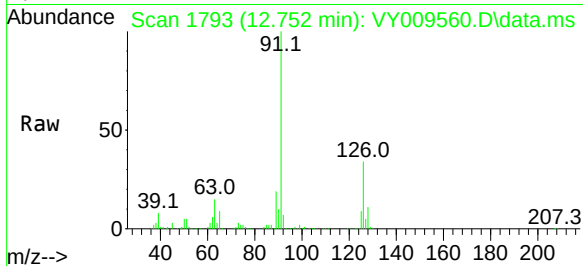




#79
2-Chlorotoluene
Concen: 51.875 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

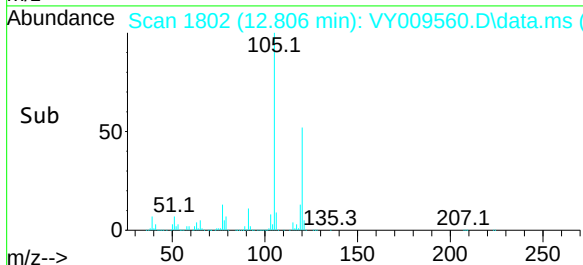
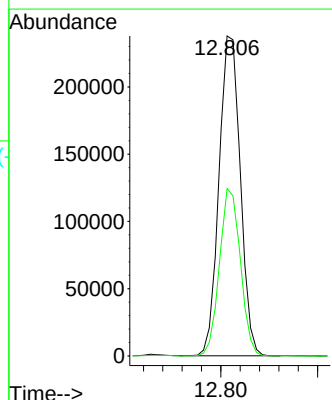
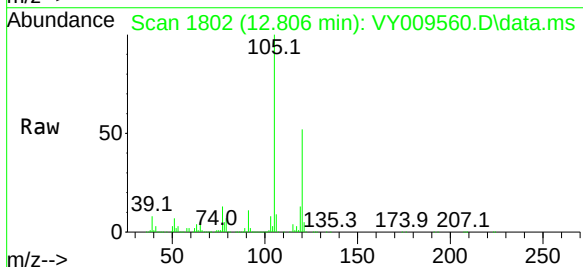
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

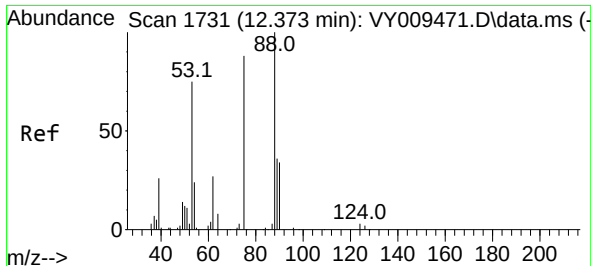
Tgt Ion: 91 Resp: 297455
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.264 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 105 Resp: 363263
Ion Ratio Lower Upper
105 100
120 51.4 24.4 73.4

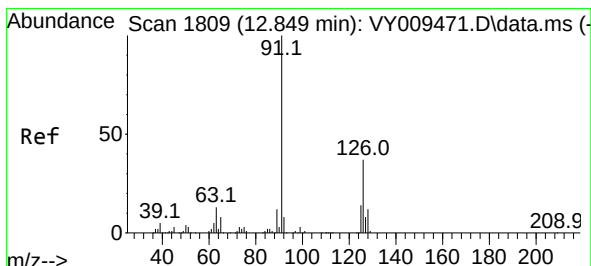
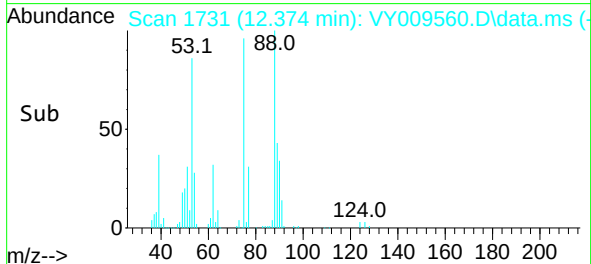
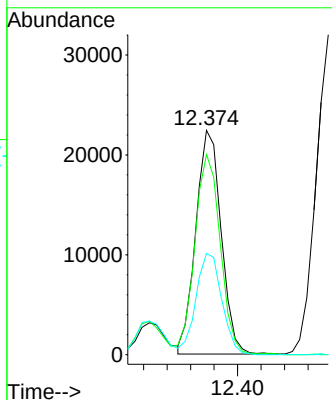
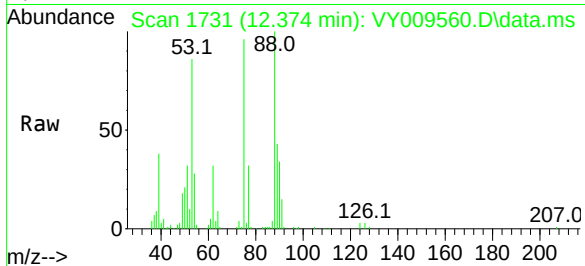




#81
trans-1,4-Dichloro-2-butene
Concen: 52.229 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

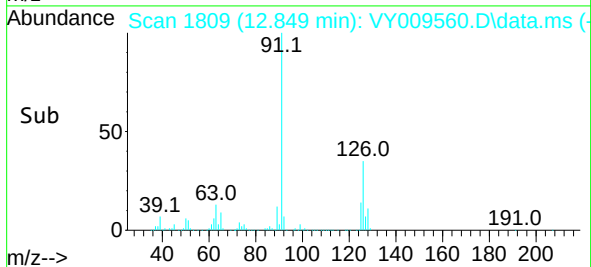
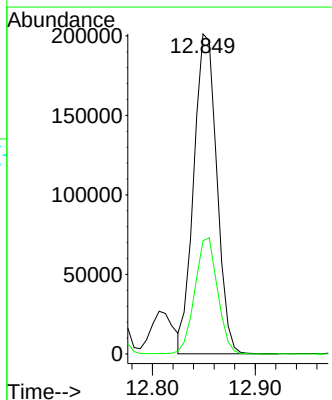
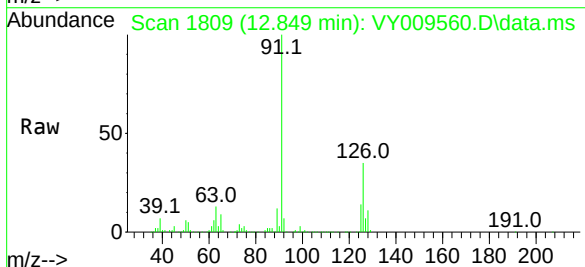
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

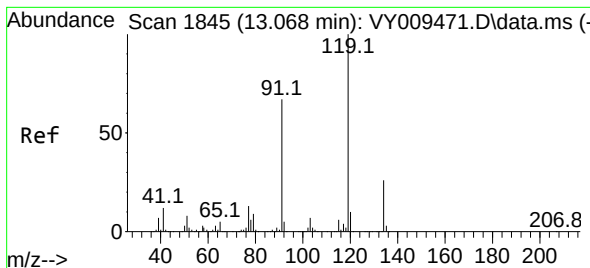
Tgt Ion: 75 Resp: 33487
Ion Ratio Lower Upper
75 100
53 90.9 85.3 127.9
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.130 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 91 Resp: 313262
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0

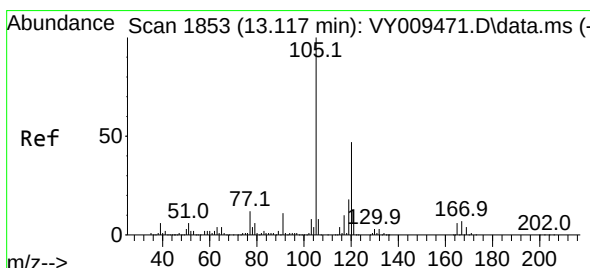
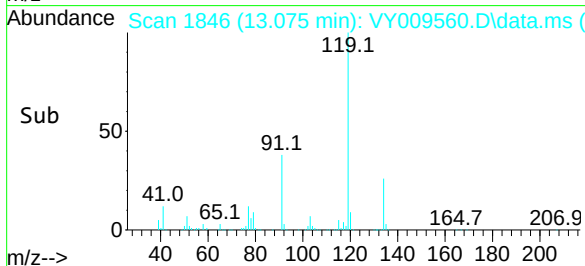
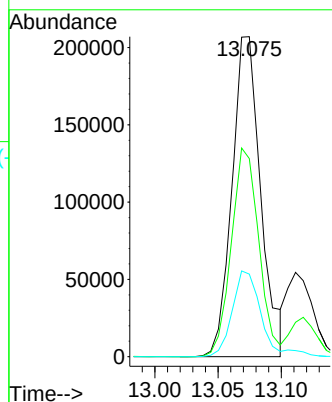
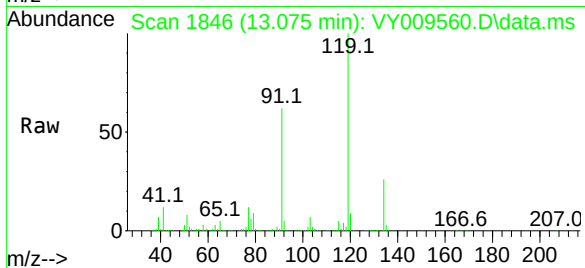




#83
tert-Butylbenzene
Concen: 51.924 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.007 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

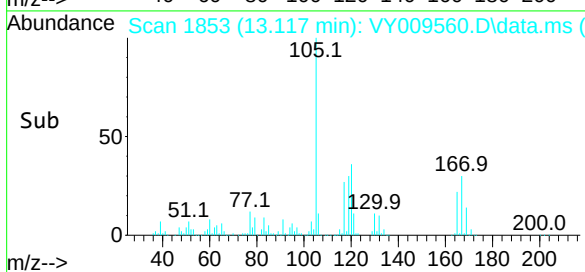
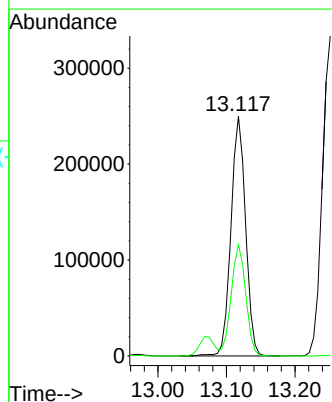
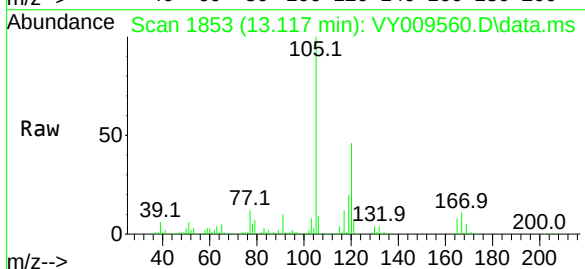
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

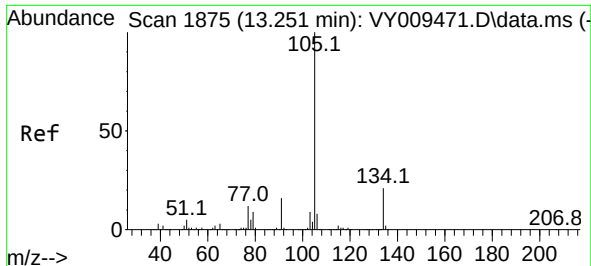
Tgt Ion:119 Resp: 327344
Ion Ratio Lower Upper
119 100
91 62.5 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.345 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:105 Resp: 369198
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9

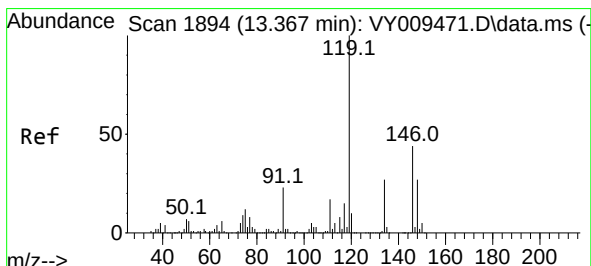
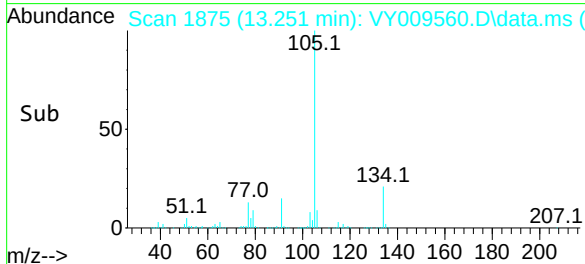
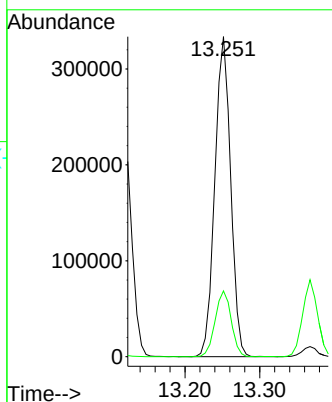
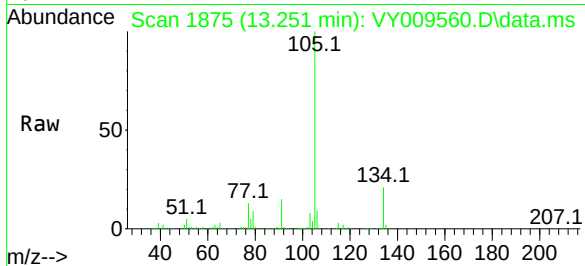




#85
 sec-Butylbenzene
 Concen: 52.717 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

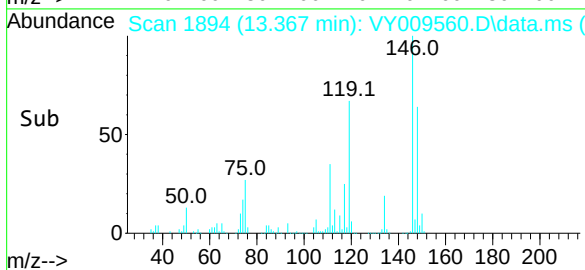
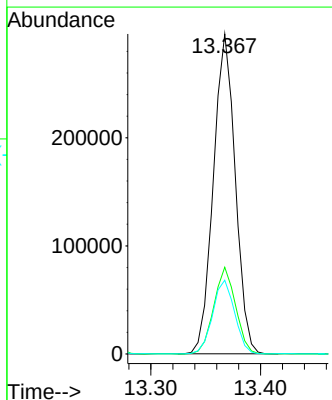
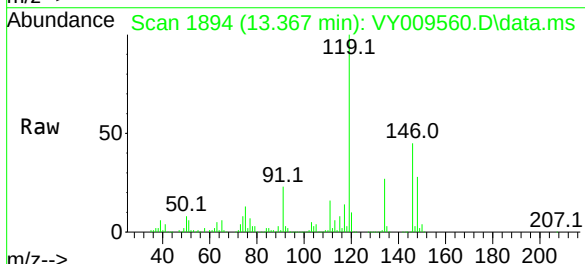
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

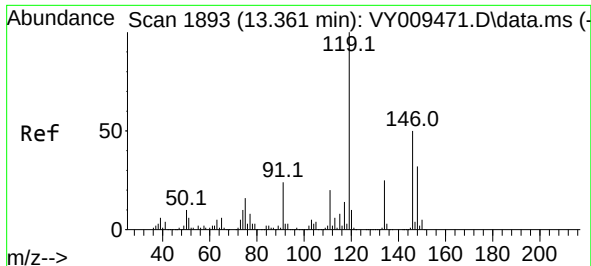
Tgt Ion:105 Resp: 489460
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.098 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

Tgt Ion:119 Resp: 410942
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 23.1 12.4 37.2

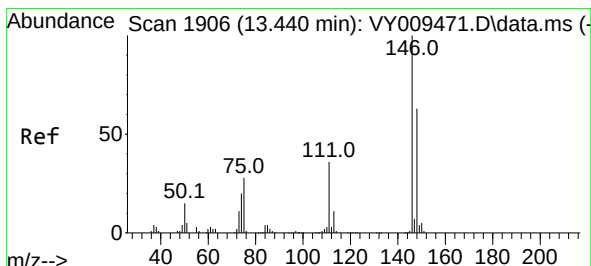
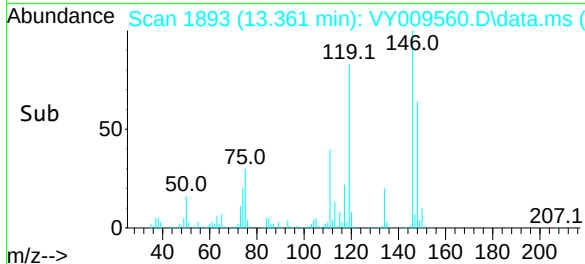
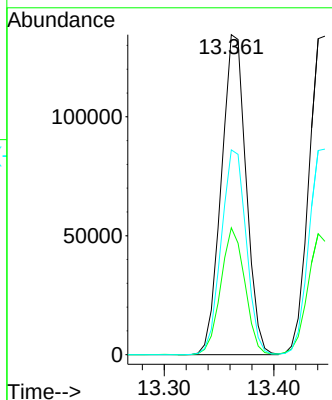
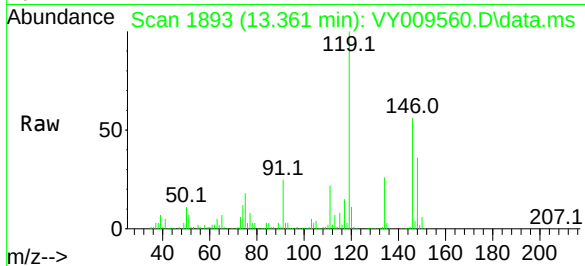




#87
 1,3-Dichlorobenzene
 Concen: 51.842 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

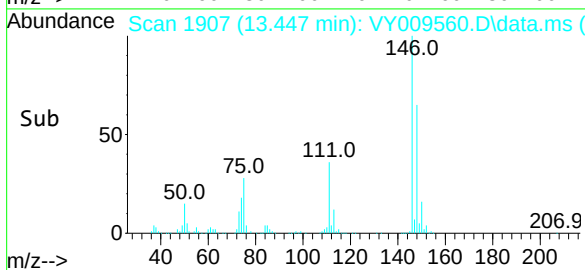
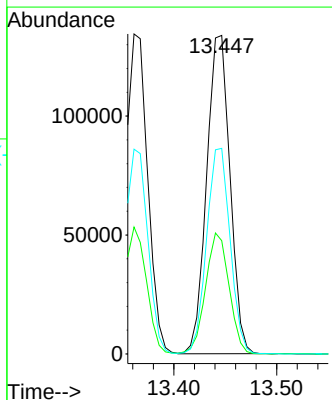
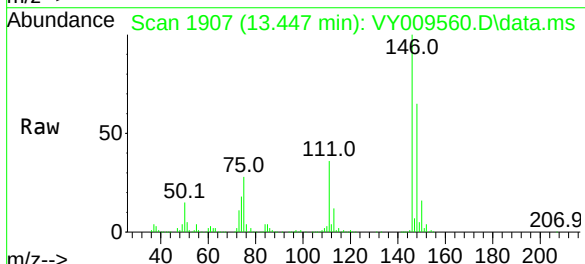
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

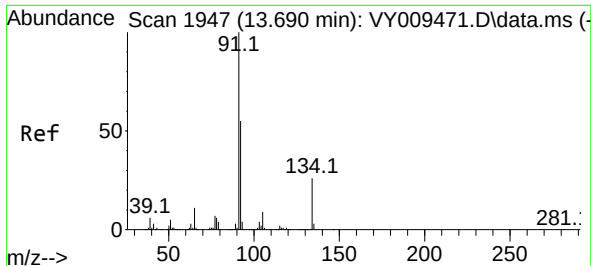
Tgt Ion:146 Resp: 211199
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 64.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.374 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VY009560.D
 Acq: 13 Jul 2022 17:11

Tgt Ion:146 Resp: 211824
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.8
 148 65.1 32.6 97.8

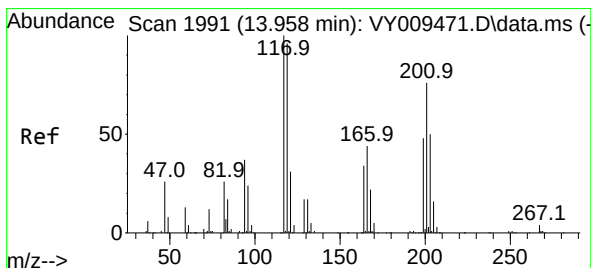
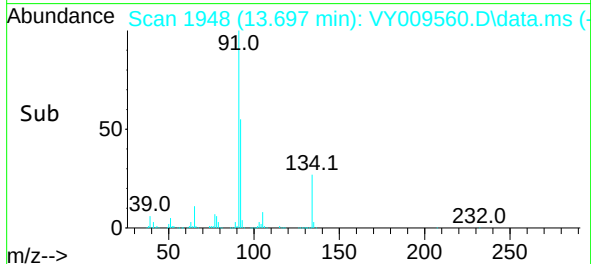
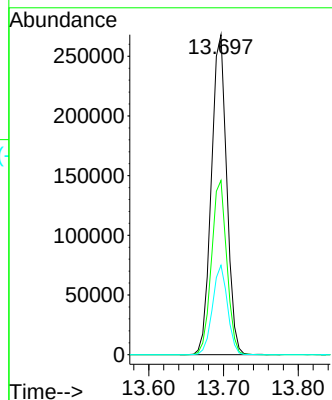
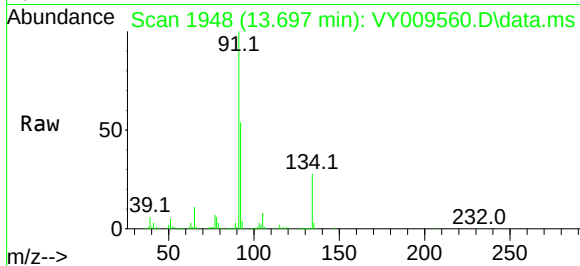




#89
n-Butylbenzene
Concen: 53.058 ug/l
RT: 13.697 min Scan# 1947
Delta R.T. 0.007 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

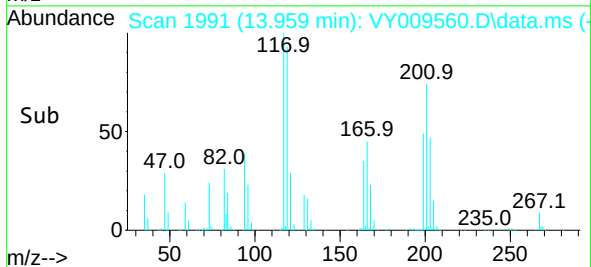
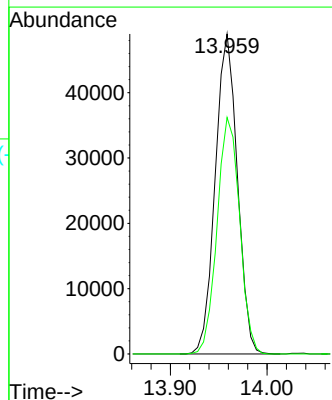
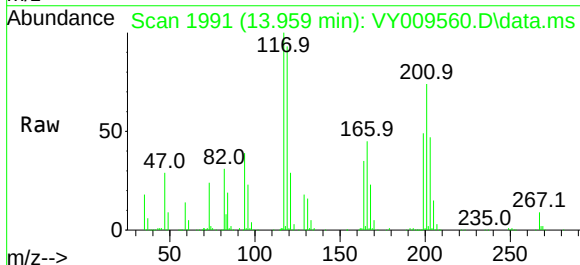
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

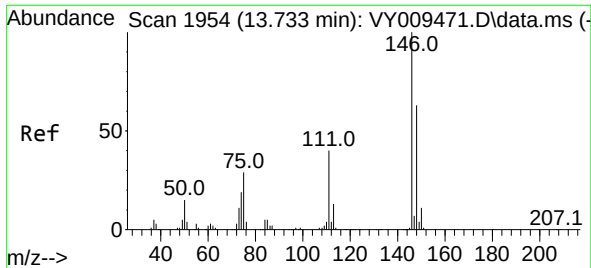
Tgt Ion: 91 Resp: 383456
Ion Ratio Lower Upper
91 100
92 54.3 26.3 78.9
134 27.3 13.0 38.9



#90
Hexachloroethane
Concen: 51.182 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 117 Resp: 77720
Ion Ratio Lower Upper
117 100
201 75.3 43.0 128.8

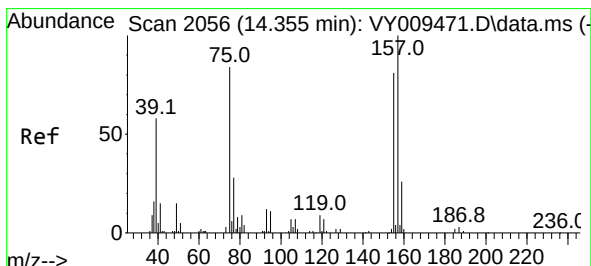
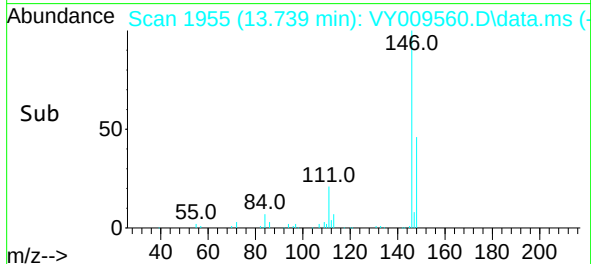
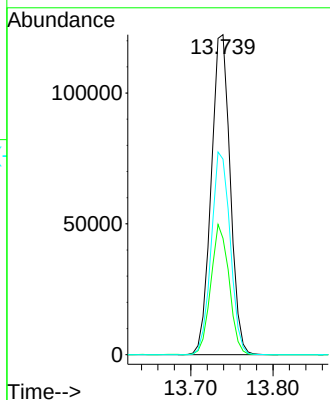
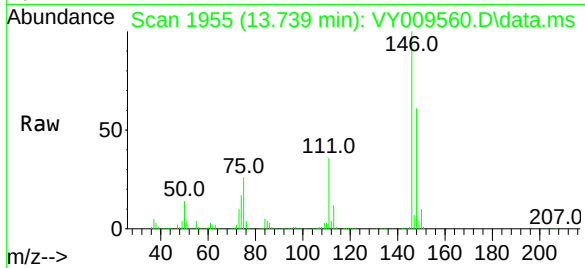




#91
1,2-Dichlorobenzene
Concen: 52.565 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

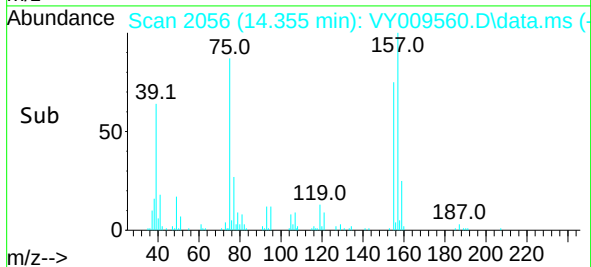
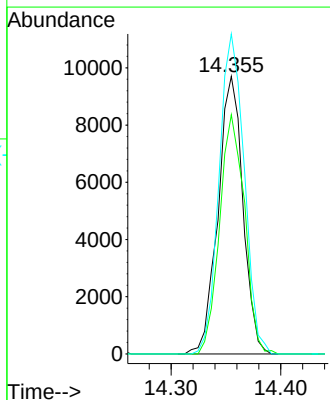
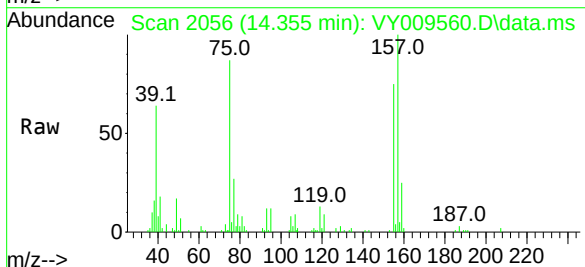
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

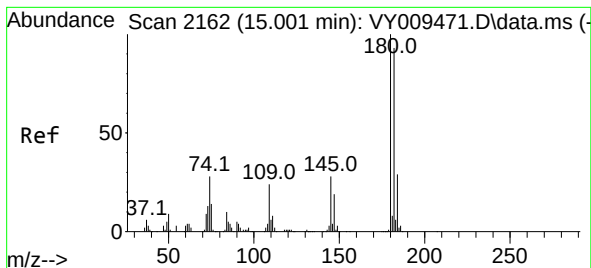
Tgt Ion:146 Resp: 196199
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 63.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.372 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion: 75 Resp: 15284
Ion Ratio Lower Upper
75 100
155 86.2 38.0 113.9
157 116.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.201 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

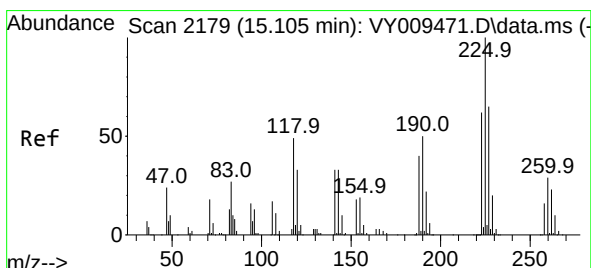
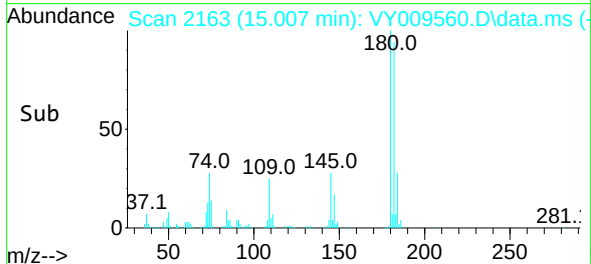
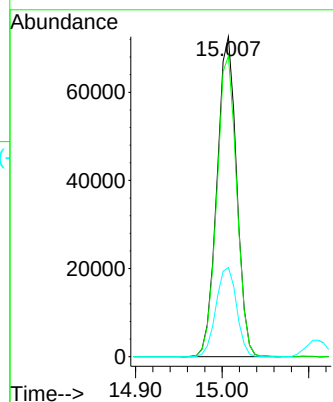
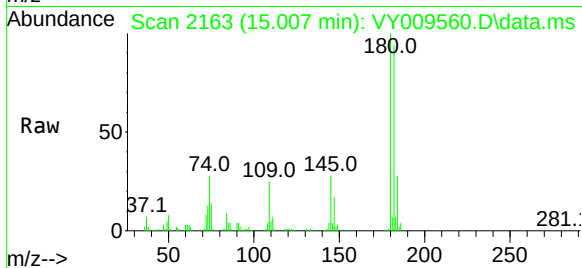
Tgt Ion:180 Resp: 114281

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.793 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009560.D

Acq: 13 Jul 2022 17:11

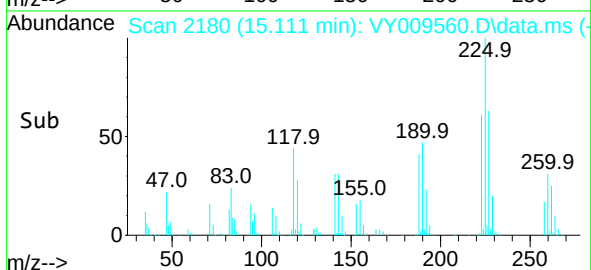
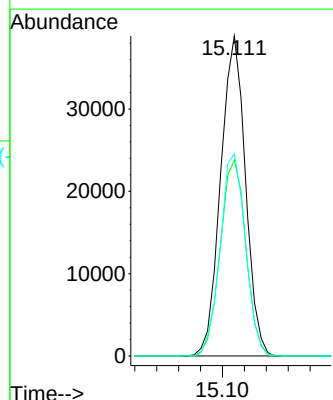
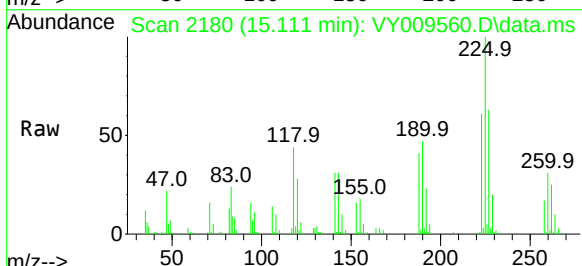
Tgt Ion:225 Resp: 61068

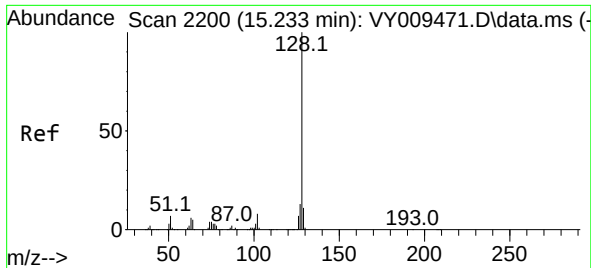
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 64.0 31.6 94.7

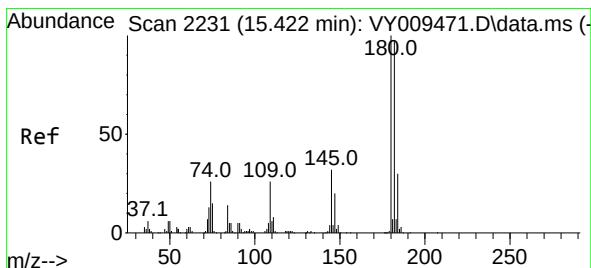
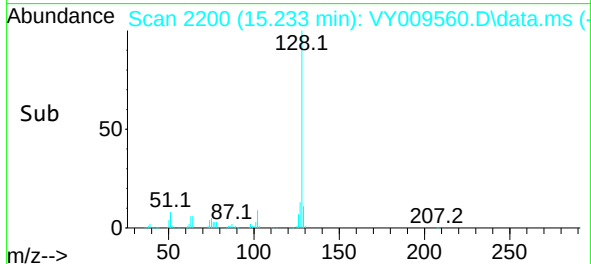
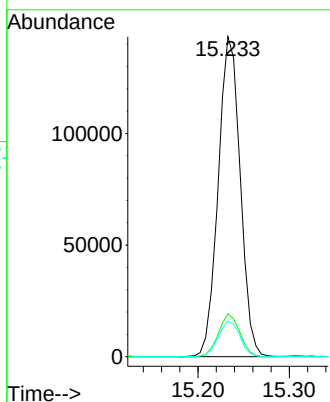
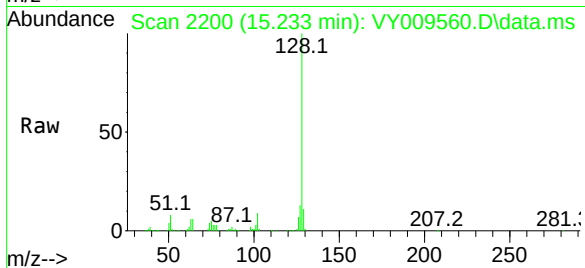




#95
Naphthalene
Concen: 51.003 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 240059
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.253 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009560.D
Acq: 13 Jul 2022 17:11

Tgt Ion:180 Resp: 99084
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 30.8 15.3 45.9

