

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010233.D
 Acq On : 31 Aug 2022 09:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 31 14:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81187	49.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.710	113	79969	49.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.179	98	306181	50.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.477	95	125278	55.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69304	47.812	ug/l	97
3) Chloromethane	2.107	50	69024	46.763	ug/l	95
4) Vinyl Chloride	2.241	62	80657	48.632	ug/l	98
5) Bromomethane	2.644	94	59483	44.216	ug/l	99
6) Chloroethane	2.784	64	55514	49.324	ug/l	96
7) Trichlorofluoromethane	3.113	101	153109	49.244	ug/l	89
8) Diethyl Ether	3.521	74	47774	47.203	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	86596	49.025	ug/l	90
10) Methyl Iodide	4.082	142	120327	48.438	ug/l	90
11) Tert butyl alcohol	4.948	59	38329	228.922	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	82158	46.274	ug/l	82
13) Acrolein	3.723	56	54585	248.685	ug/l	97
14) Allyl chloride	4.472	41	114138	47.095	ug/l #	92
15) Acrylonitrile	5.149	53	108938	235.597	ug/l	98
16) Acetone	3.942	43	90665	257.670	ug/l #	89
17) Carbon Disulfide	4.186	76	238464	44.636	ug/l	100
18) Methyl Acetate	4.466	43	51833	44.798	ug/l #	83
19) Methyl tert-butyl Ether	5.210	73	224746	48.797	ug/l	93
20) Methylene Chloride	4.704	84	99163	47.862	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	92803	47.583	ug/l #	82
22) Diisopropyl ether	6.112	45	232001	47.556	ug/l #	89
23) Vinyl Acetate	6.051	43	749958	240.126	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	145438	47.589	ug/l	97
25) 2-Butanone	6.978	43	133188	219.781	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	143495	50.179	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	104381	47.080	ug/l	83
28) Bromochloromethane	7.326	49	51735	49.882	ug/l #	54
29) Tetrahydrofuran	7.338	42	87329	218.240	ug/l #	79
30) Chloroform	7.502	83	161857	46.768	ug/l	98
31) Cyclohexane	7.777	56	128188	42.879	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	156065	49.193	ug/l	95
36) 1,1-Dichloropropene	7.911	75	121936	49.180	ug/l	94
37) Ethyl Acetate	7.063	43	60757	46.494	ug/l #	92
38) Carbon Tetrachloride	7.893	117	147129	51.718	ug/l	99
39) Methylcyclohexane	9.179	83	151563	47.706	ug/l	87
40) Benzene	8.155	78	354356	48.400	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	84476	114.424	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	107160	49.516	ug/l	93
43) Isopropyl Acetate	8.271	43	112323	44.897	ug/l #	87
44) Trichloroethene	8.935	130	110110	48.737	ug/l	97
45) 1,2-Dichloropropane	9.209	63	79836	45.121	ug/l	97
46) Dibromomethane	9.301	93	51668	47.328	ug/l #	87
47) Bromodichloromethane	9.496	83	124477	49.250	ug/l #	99
48) Methyl methacrylate	9.289	41	51800	46.486	ug/l #	83
49) 1,4-Dioxane	9.289	88	12077	1020.340	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	297861	223.387	ug/l	89
52) Toluene	10.240	92	233251	48.823	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	129206	46.641	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	143633	48.275	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	87579	52.652	ug/l	97
56) Ethyl methacrylate	10.508	69	98084	45.344	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	149839	54.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	118387	217.329	ug/l #	86
59) 2-Hexanone	10.831	43	279097	274.310	ug/l	88
60) Dibromochloromethane	10.983	129	121978	58.533	ug/l	100
61) 1,2-Dibromoethane	11.087	107	90567	55.207	ug/l	99
64) Tetrachloroethene	10.715	164	125812	48.542	ug/l	99
65) Chlorobenzene	11.514	112	309297	49.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	118279	50.650	ug/l	98
67) Ethyl Benzene	11.593	91	542410	51.384	ug/l	96
68) m/p-Xylenes	11.703	106	432646	102.752	ug/l	92
69) o-Xylene	12.026	106	203849	52.022	ug/l	92
70) Styrene	12.044	104	342631	52.152	ug/l	95
71) Bromoform	12.209	173	81020	52.486	ug/l #	99
73) Isopropylbenzene	12.331	105	542738	52.172	ug/l	99
74) N-amyl acetate	12.142	43	153100	56.531	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	103519	49.085	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	137577	90.931	ug/l #	100
77) Bromobenzene	12.611	156	134462	50.578	ug/l	90
78) n-propylbenzene	12.672	91	648839	52.586	ug/l	97
79) 2-Chlorotoluene	12.758	91	369574	51.924	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	447999	50.695	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	37590	51.835	ug/l #	85
82) 4-Chlorotoluene	12.855	91	376976	50.484	ug/l	97
83) tert-Butylbenzene	13.075	119	398218	50.953	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	447346	51.544	ug/l	97
85) sec-Butylbenzene	13.251	105	604076	52.547	ug/l	98
86) p-Isopropyltoluene	13.367	119	497932	52.261	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	263527	50.158	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	262060	49.506	ug/l	99
89) n-Butylbenzene	13.696	91	454571	51.535	ug/l	97
90) Hexachloroethane	13.959	117	93364	48.633	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	236844	49.857	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16874	46.028	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	153169	49.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	90115	48.796	ug/l	99
95) Naphthalene	15.239	128	300953	48.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	133355	48.203	ug/l	99

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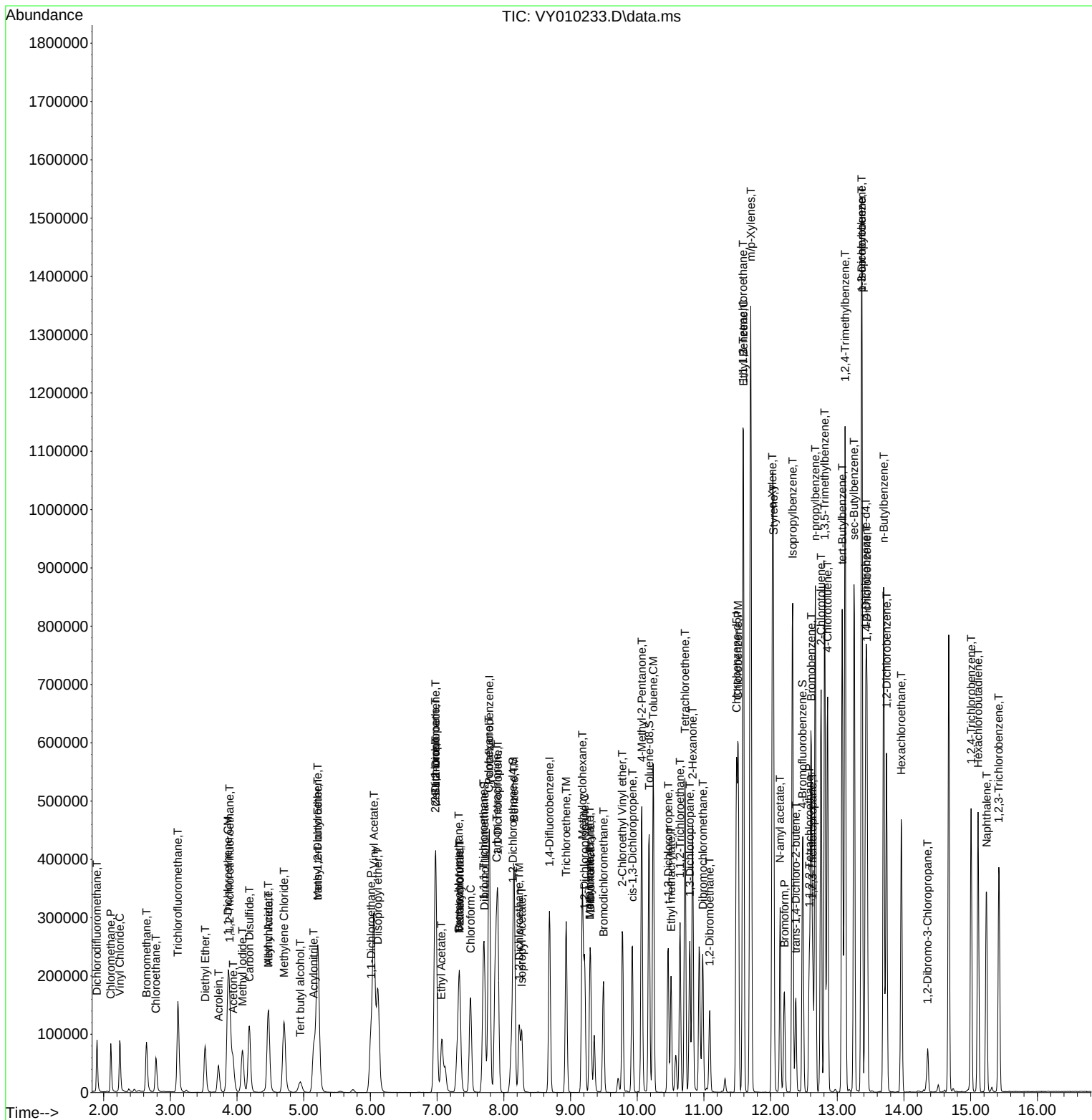
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

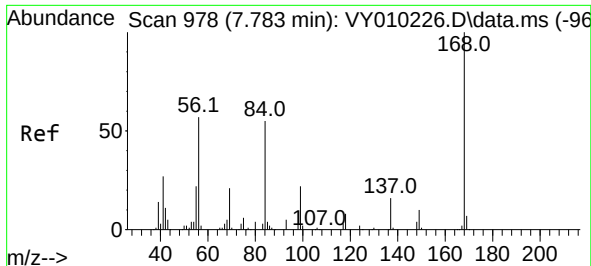
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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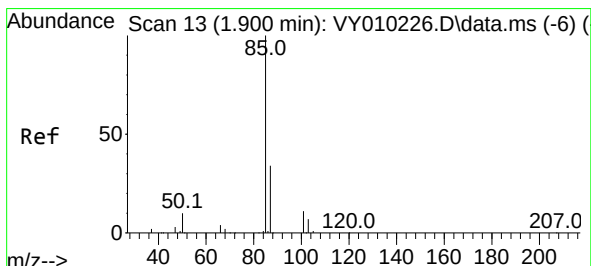
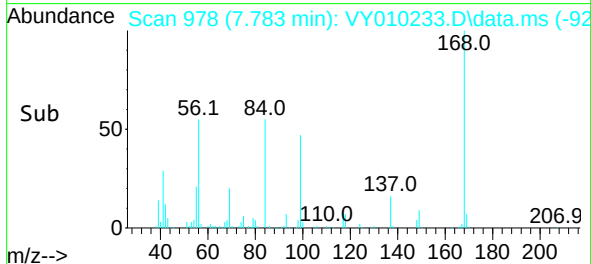
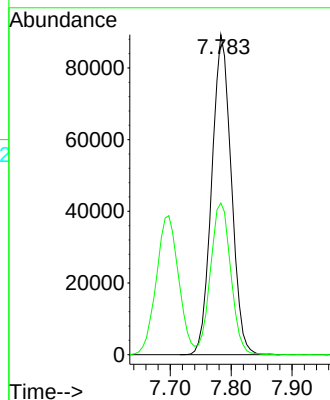
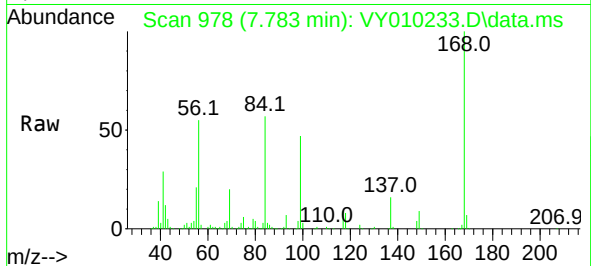




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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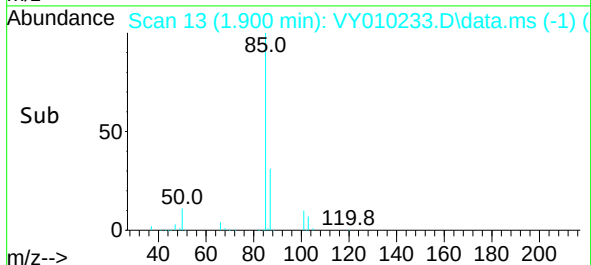
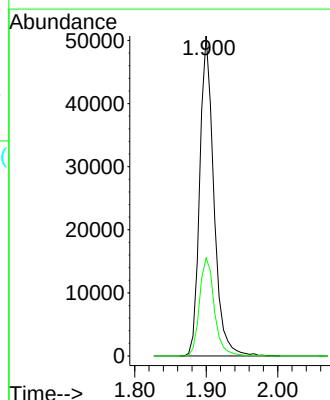
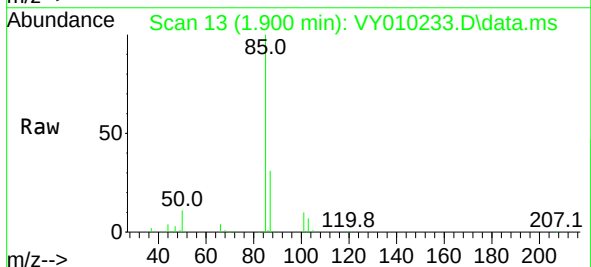
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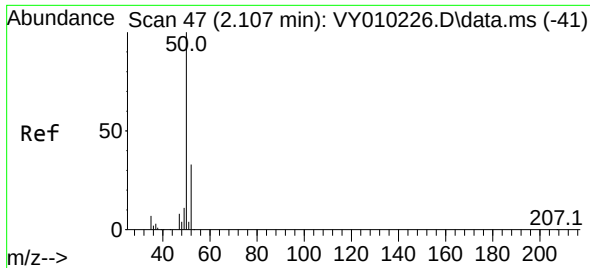
Tgt Ion:168 Resp: 198761
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.812 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 85 Resp: 69304
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

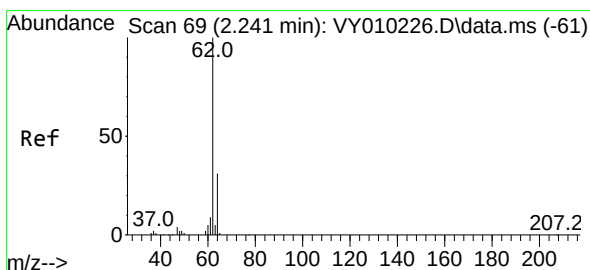
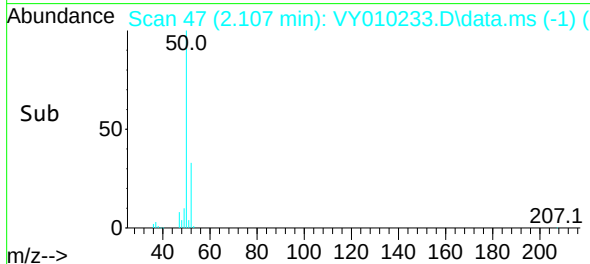
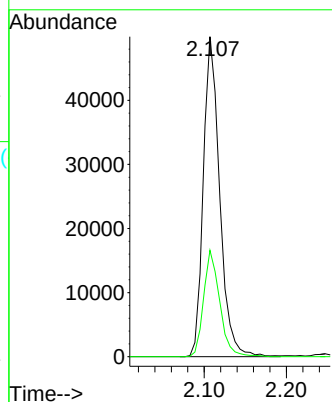
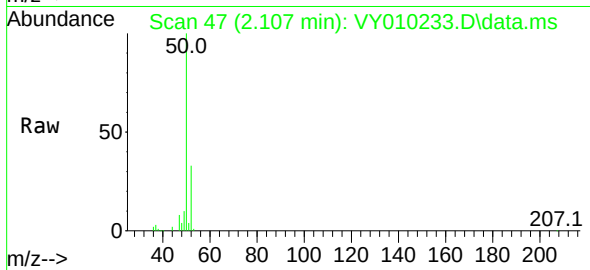




#3
Chloromethane
Concen: 46.763 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010233.D
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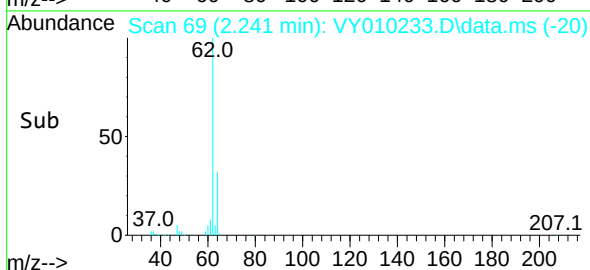
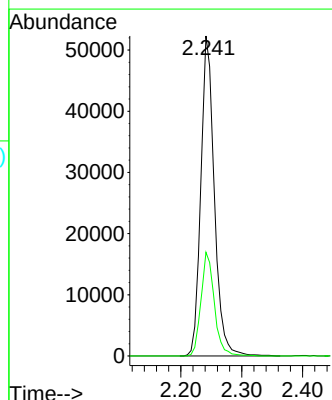
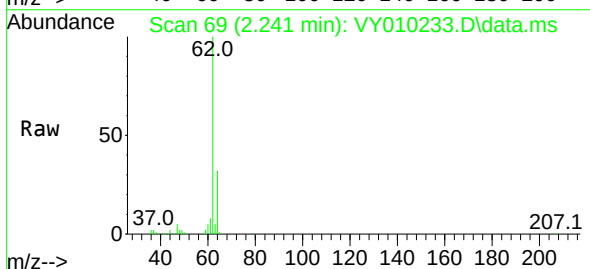
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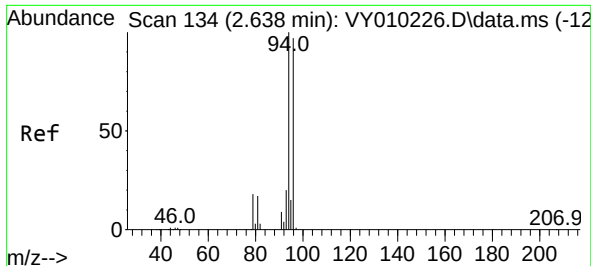
Tgt Ion: 50 Resp: 69024
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 48.632 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 62 Resp: 80657
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.6

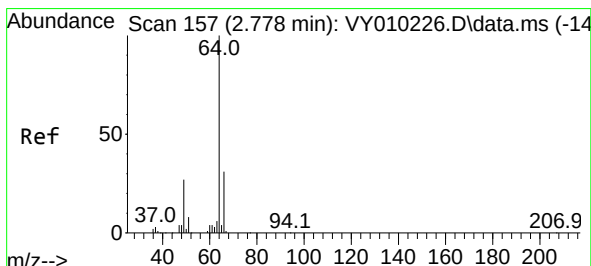
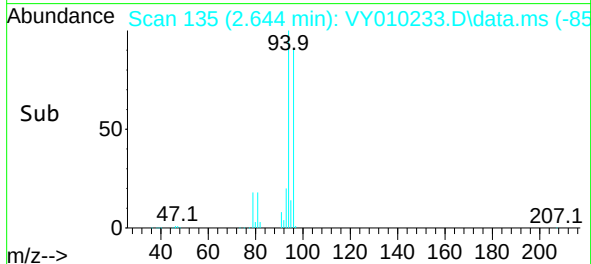
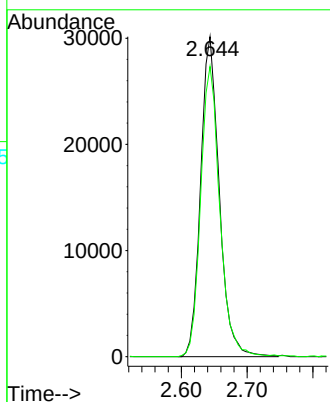
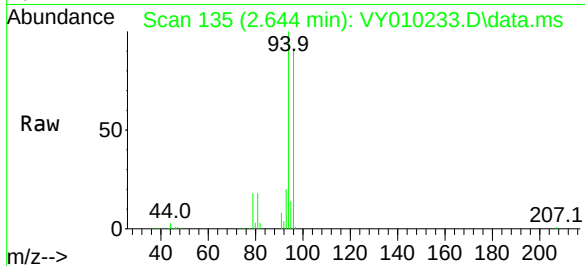




#5
Bromomethane
Concen: 44.216 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

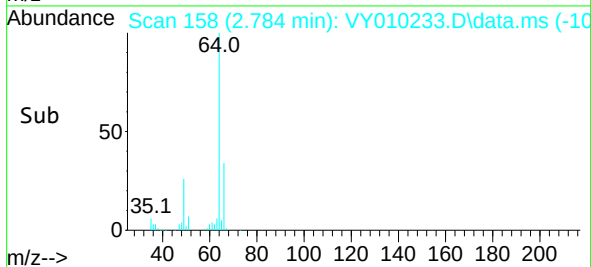
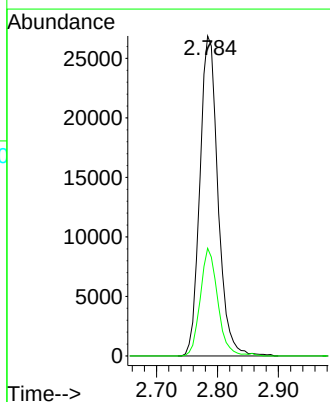
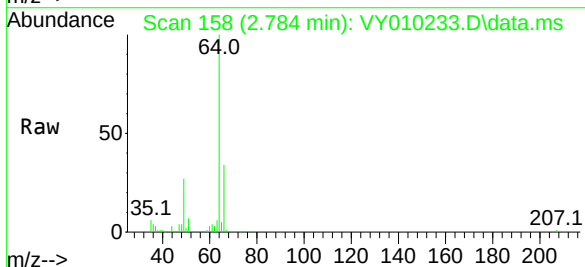
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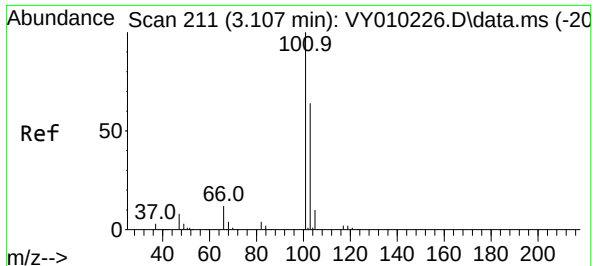
Tgt Ion: 94 Resp: 59483
Ion Ratio Lower Upper
94 100
96 90.7 73.5 110.3



#6
Chloroethane
Concen: 49.324 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 64 Resp: 55514
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.0

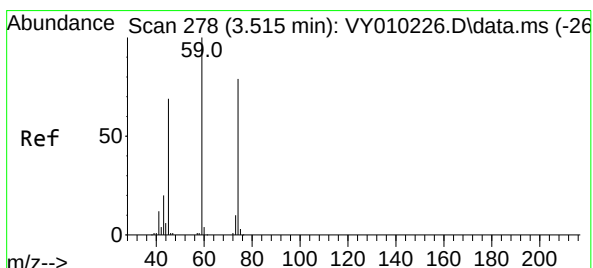
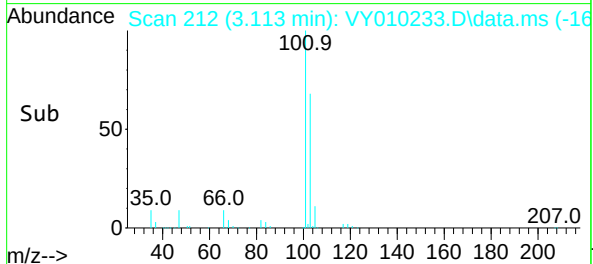
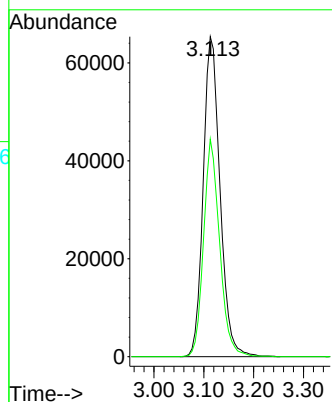
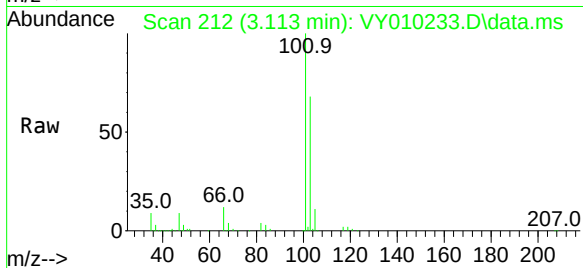




#7
 Trichlorofluoromethane
 Concen: 49.244 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

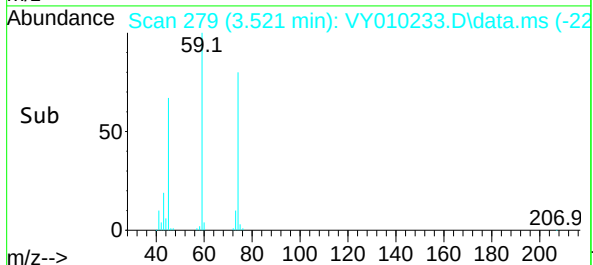
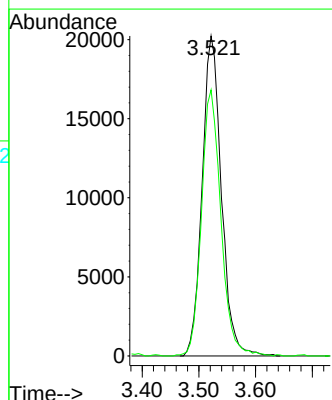
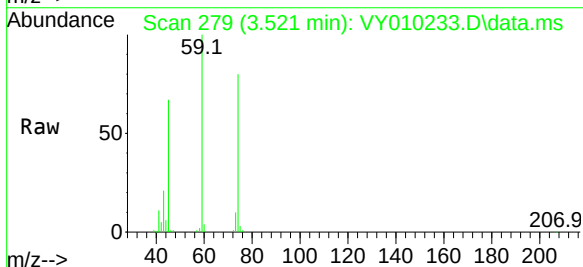
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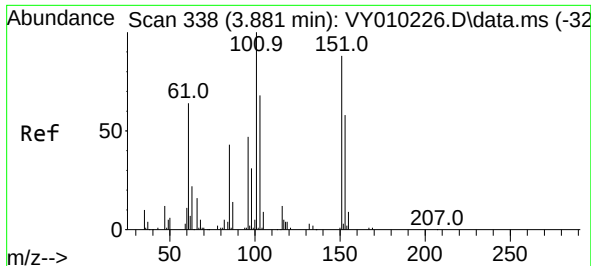
Tgt Ion:101 Resp: 153109
 Ion Ratio Lower Upper
 101 100
 103 68.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 47.203 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY010233.D
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Tgt Ion: 74 Resp: 47774
 Ion Ratio Lower Upper
 74 100
 45 84.1 55.1 165.5

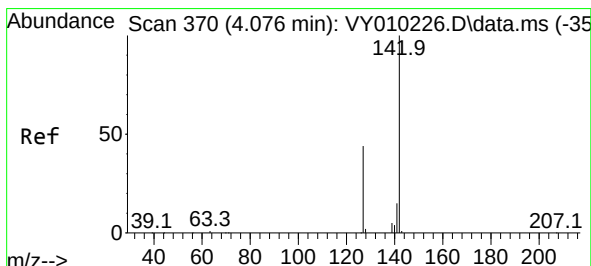
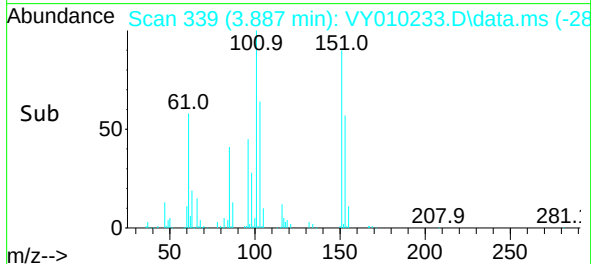
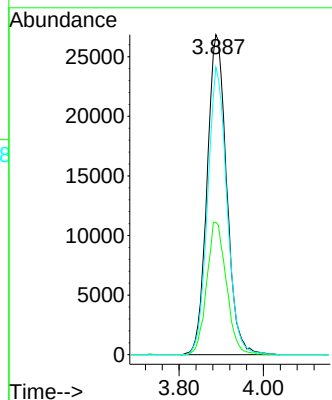
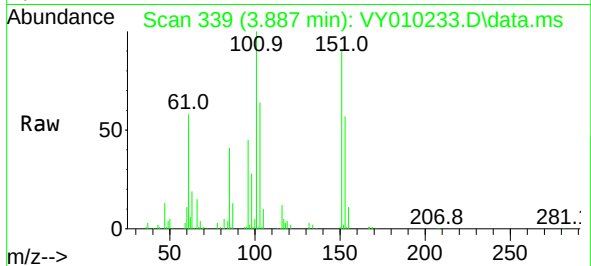




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.025 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010233.D
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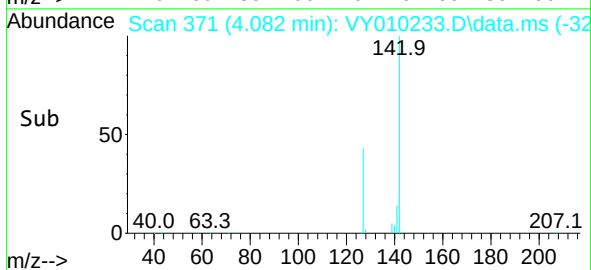
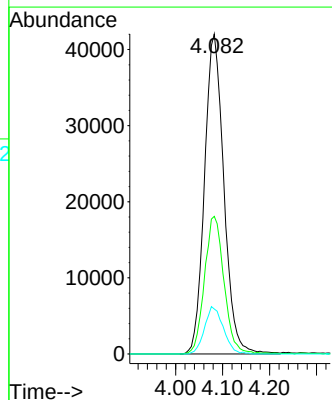
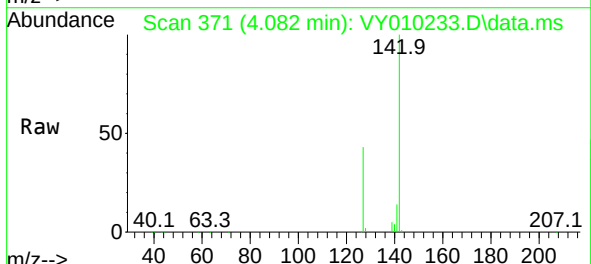
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

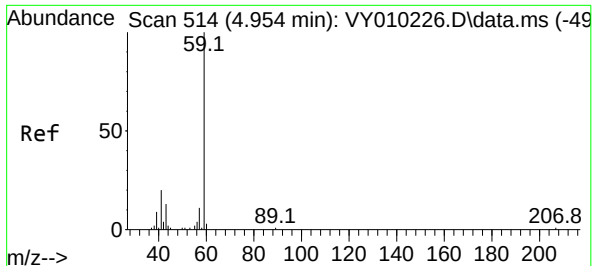
Tgt Ion:101 Resp: 86596
Ion Ratio Lower Upper
101 100
85 41.5 40.6 60.8
151 88.5 64.9 97.3



#10
Methyl Iodide
Concen: 48.438 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:142 Resp: 120327
Ion Ratio Lower Upper
142 100
127 43.3 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 228.922 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

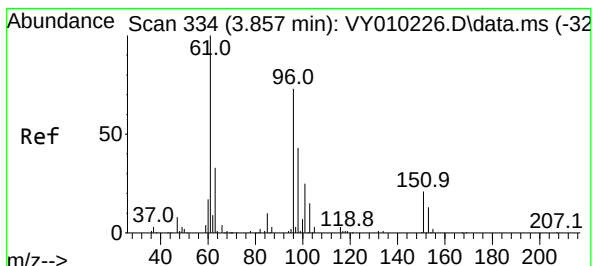
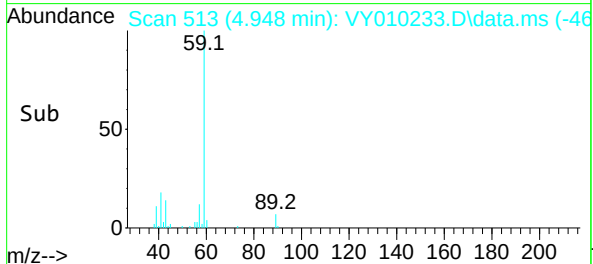
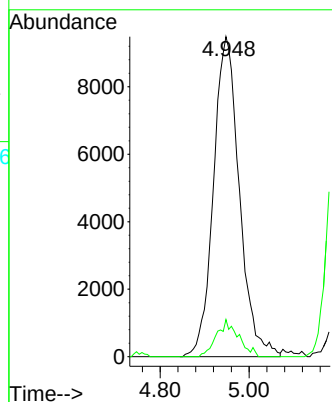
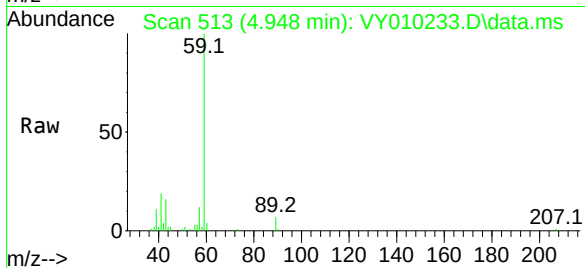
VSTDCCC050

Tgt Ion: 59 Resp: 38329

Ion Ratio Lower Upper

59 100

57 9.7 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 46.274 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

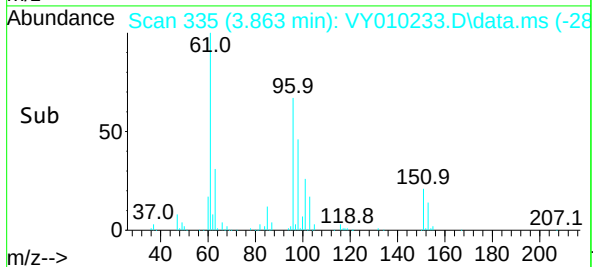
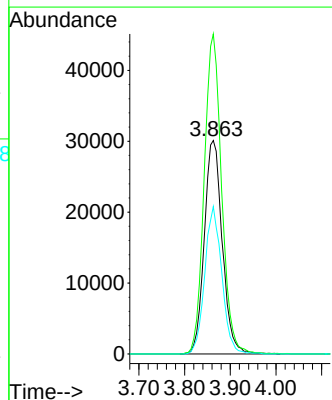
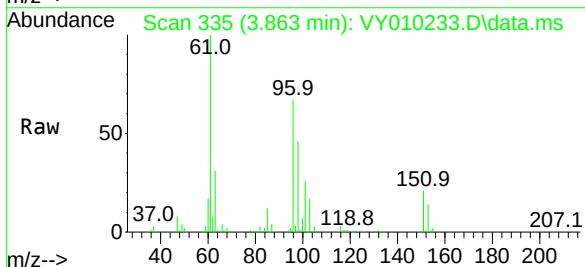
Tgt Ion: 96 Resp: 82158

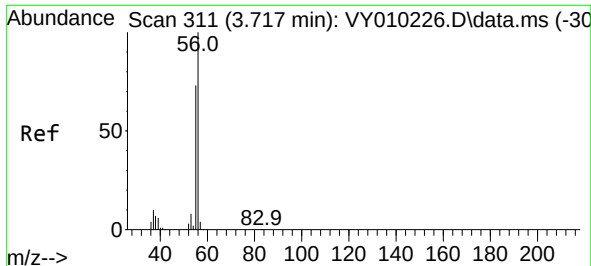
Ion Ratio Lower Upper

96 100

61 150.0 145.8 218.6

98 69.0 52.5 78.7

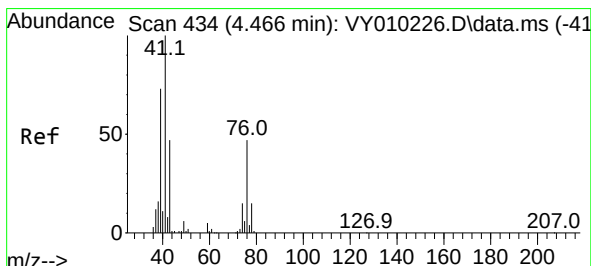
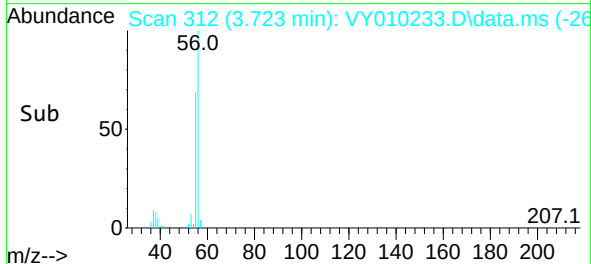
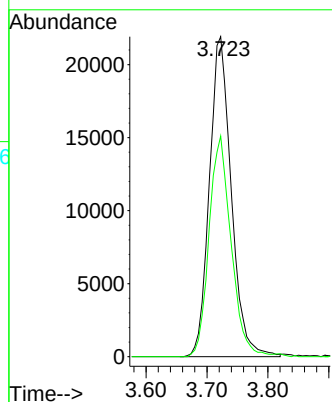
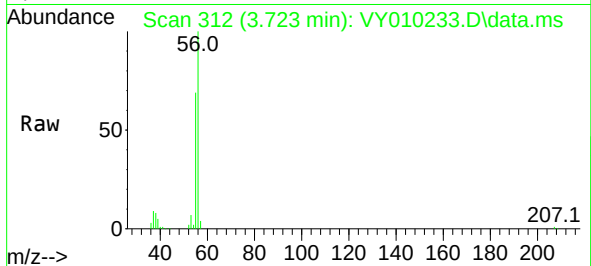




#13
Acrolein
Concen: 248.685 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

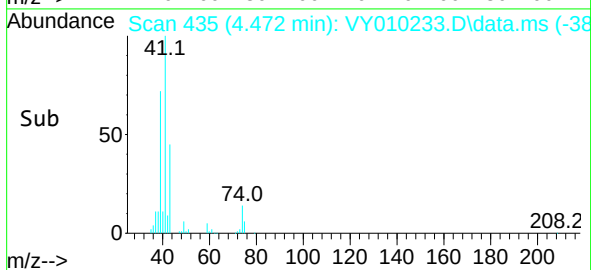
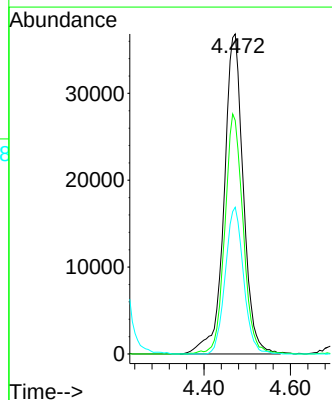
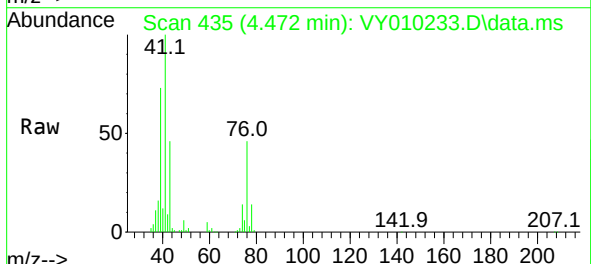
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

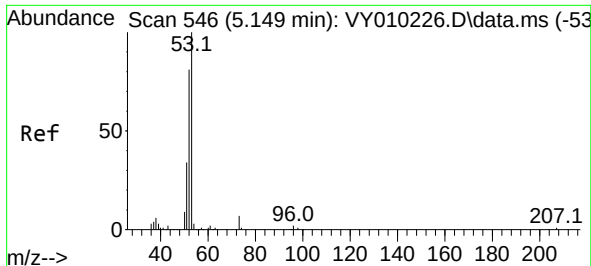
Tgt Ion: 56 Resp: 54585
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4



#14
Allyl chloride
Concen: 47.095 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 41 Resp: 114138
Ion Ratio Lower Upper
41 100
39 71.3 58.8 88.2
76 43.5 25.1 37.7#

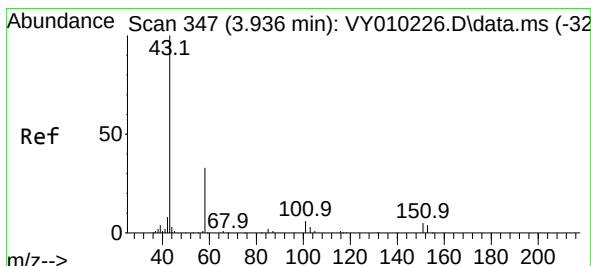
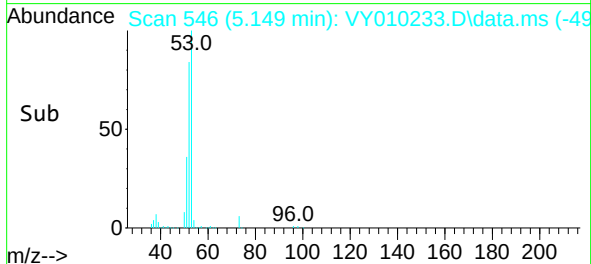
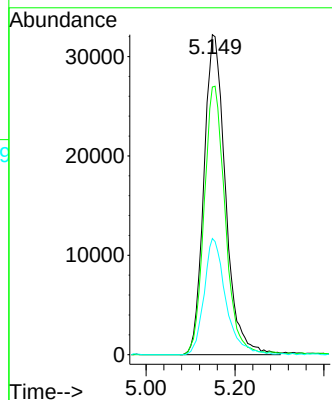
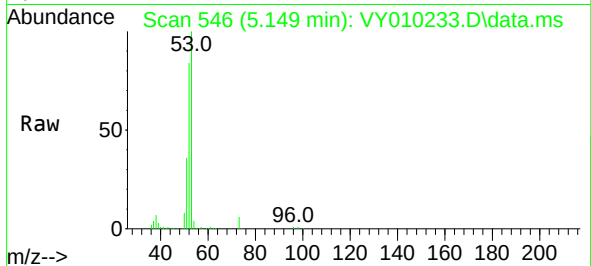




#15
Acrylonitrile
Concen: 235.597 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

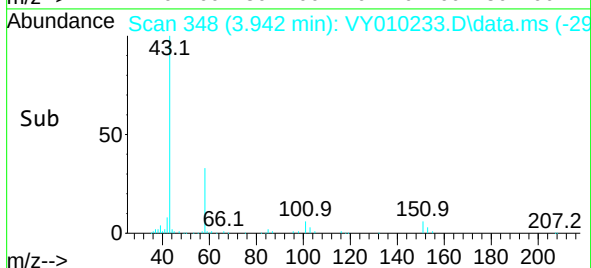
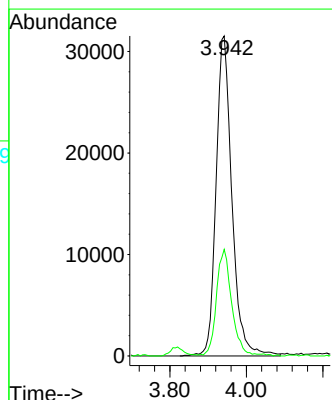
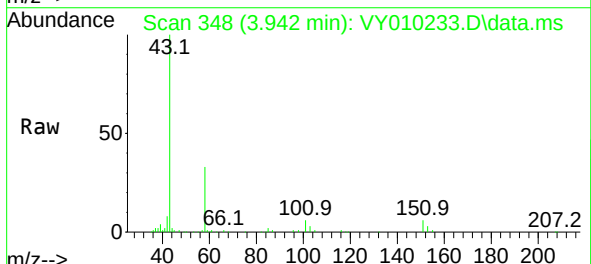
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

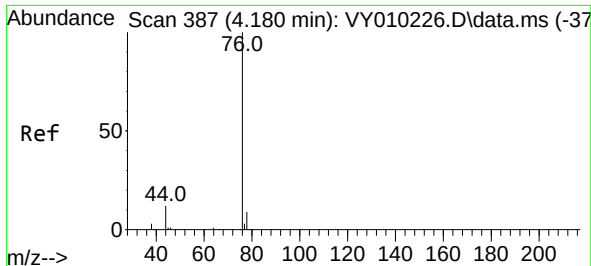
Tgt Ion: 53 Resp: 108938
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 36.5 29.8 44.6



#16
Acetone
Concen: 257.670 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 43 Resp: 90665
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

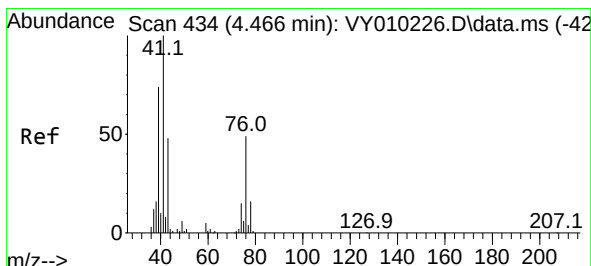
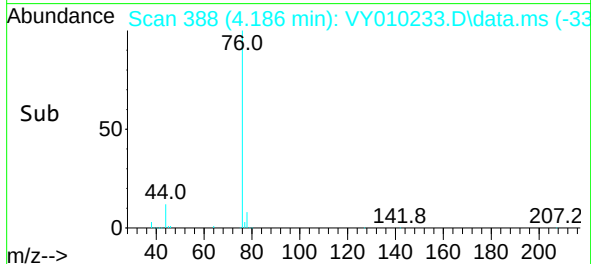
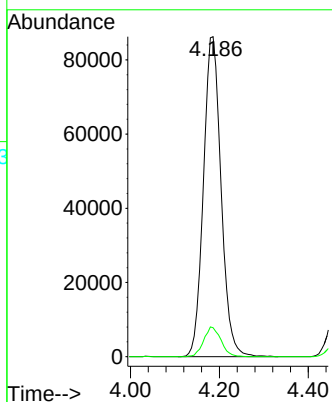
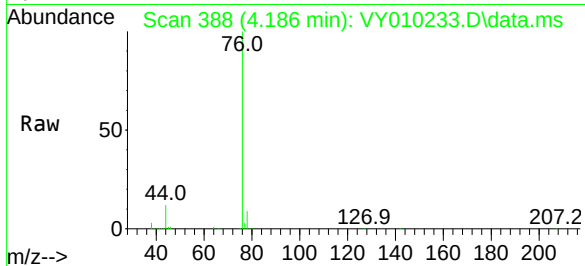




#17
Carbon Disulfide
Concen: 44.636 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

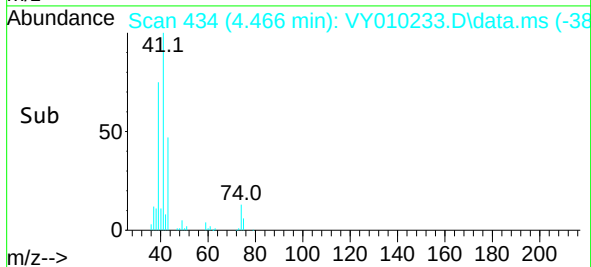
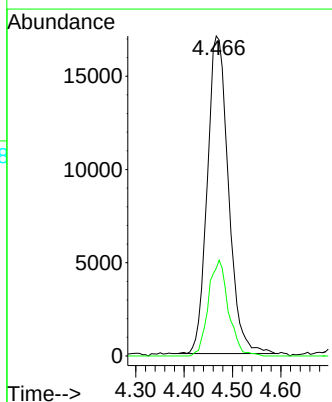
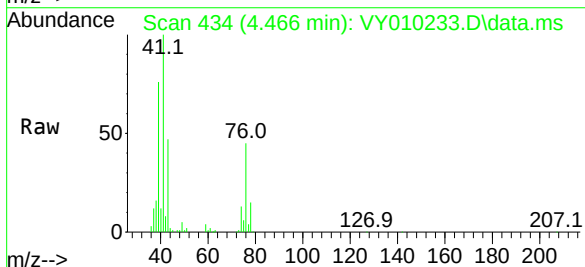
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

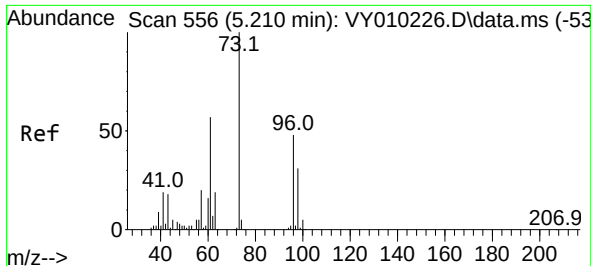
Tgt Ion: 76 Resp: 238464
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 44.798 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 43 Resp: 51833
Ion Ratio Lower Upper
43 100
74 28.6 16.6 24.8#

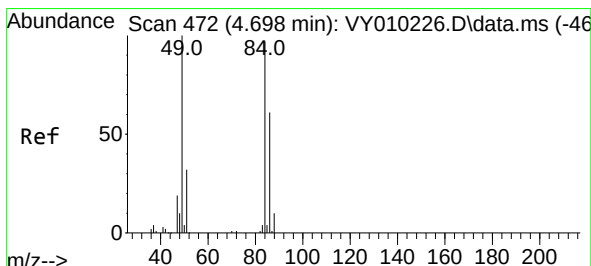
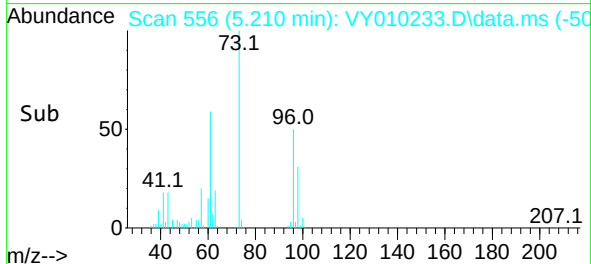
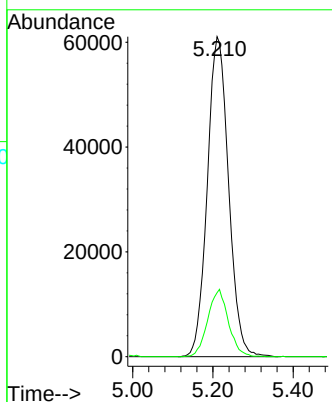
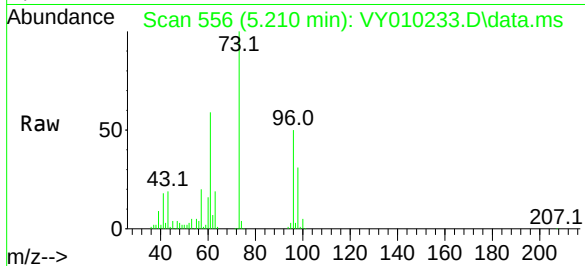




#19
Methyl tert-butyl Ether
Concen: 48.797 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

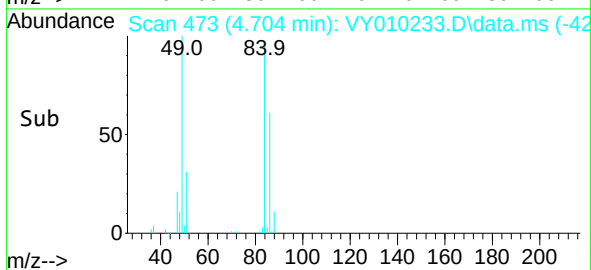
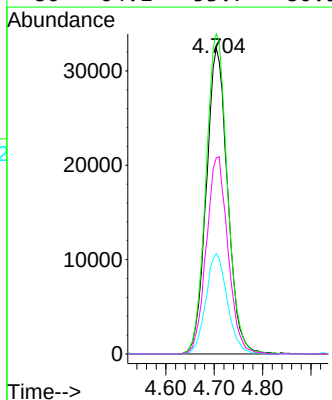
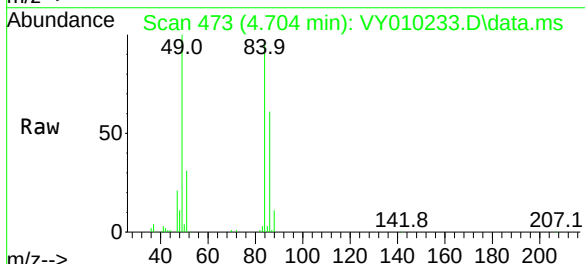
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

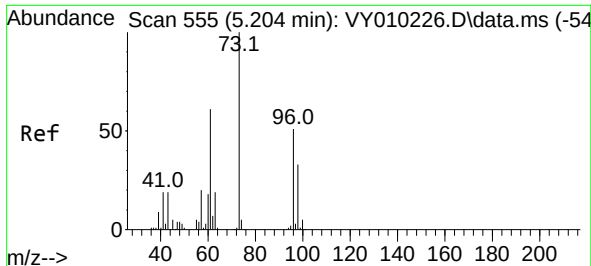
Tgt Ion: 73 Resp: 224746
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8



#20
Methylene Chloride
Concen: 47.862 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 84 Resp: 99163
Ion Ratio Lower Upper
84 100
49 104.6 114.4 171.6#
51 32.8 35.3 52.9#
86 64.1 53.7 80.5

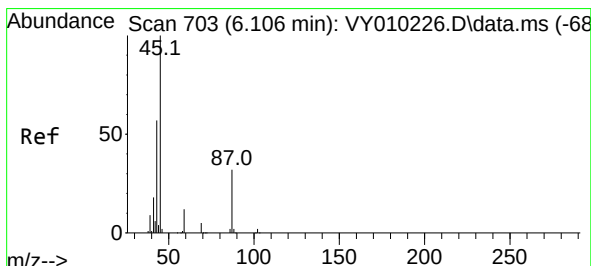
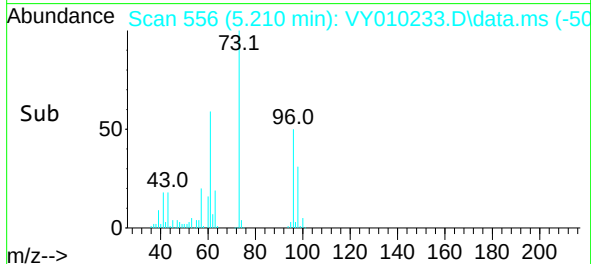
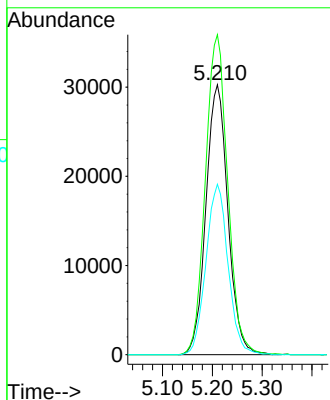
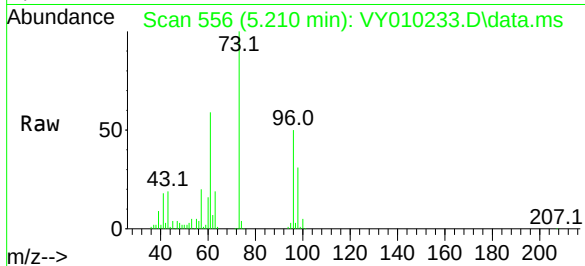




#21
trans-1,2-Dichloroethene
Concen: 47.583 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

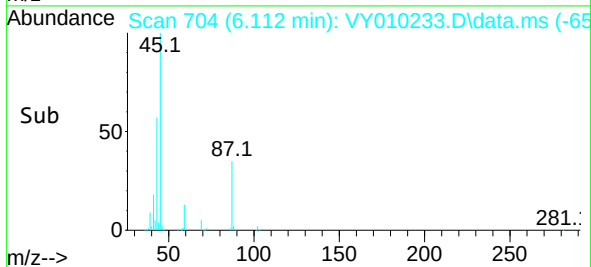
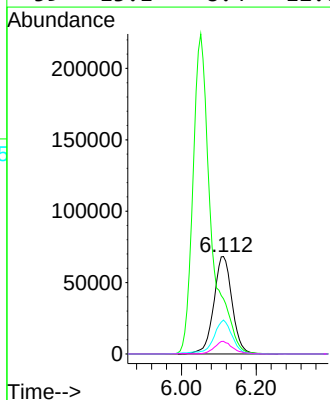
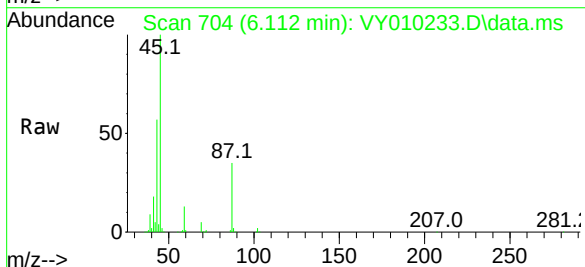
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

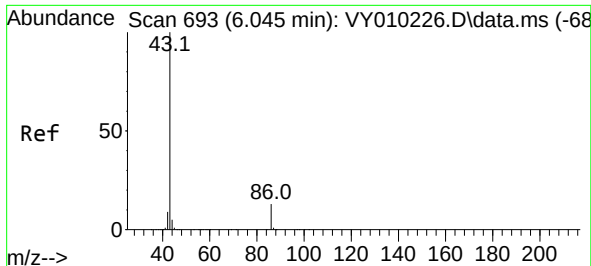
Tgt Ion: 96 Resp: 92803
Ion Ratio Lower Upper
96 100
61 118.5 120.5 180.7#
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 47.556 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 45 Resp: 232001
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 34.8 19.2 28.8#
59 13.1 8.4 12.6#

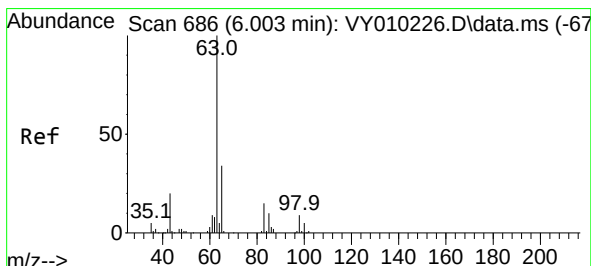
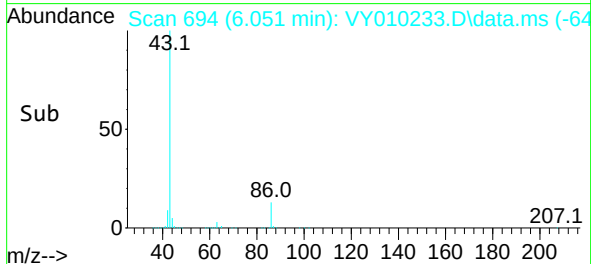
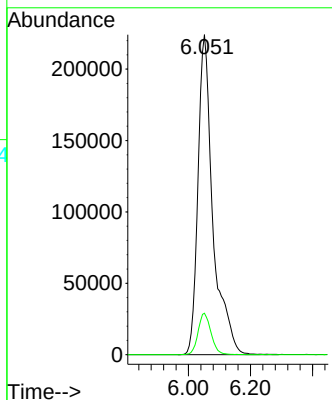
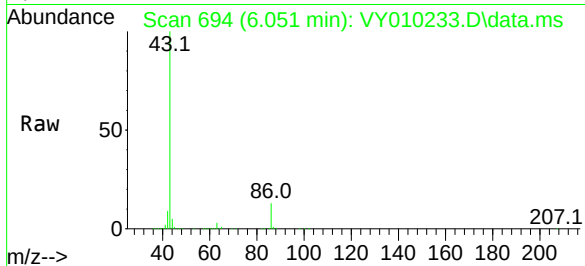




#23
 Vinyl Acetate
 Concen: 240.126 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

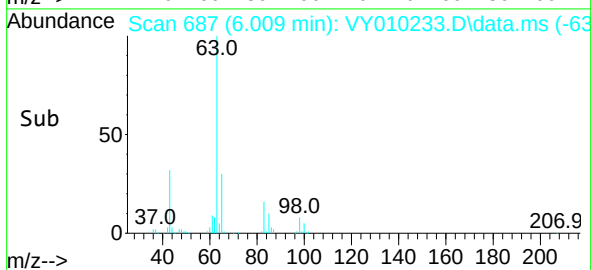
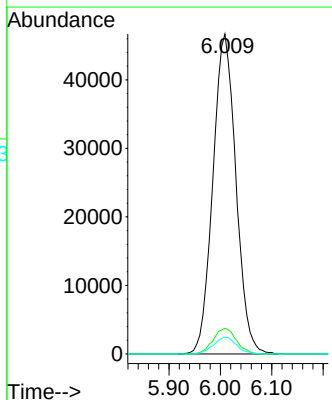
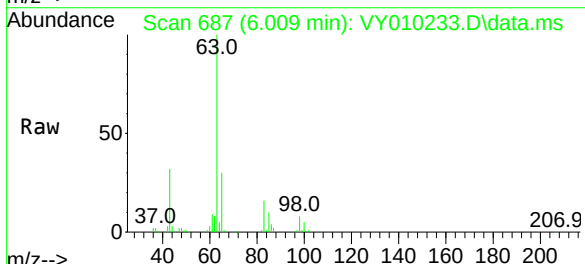
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

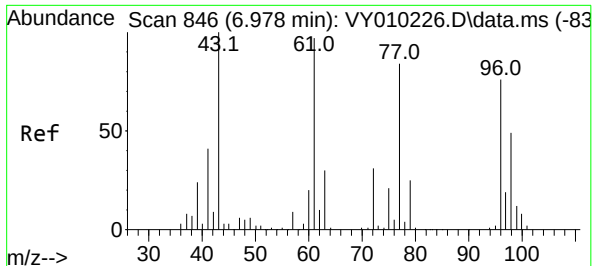
Tgt Ion: 43 Resp: 749958
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.589 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

Tgt Ion: 63 Resp: 145438
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.2 2.0 5.8

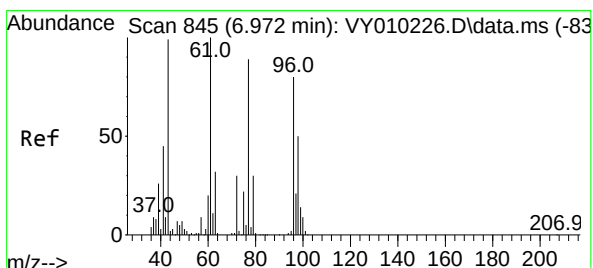
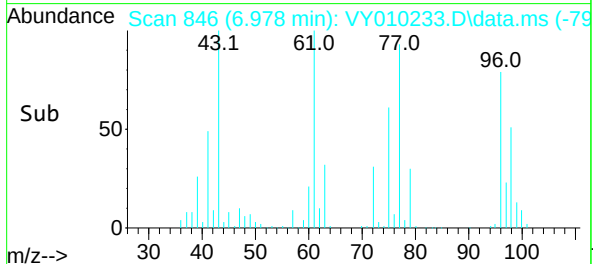
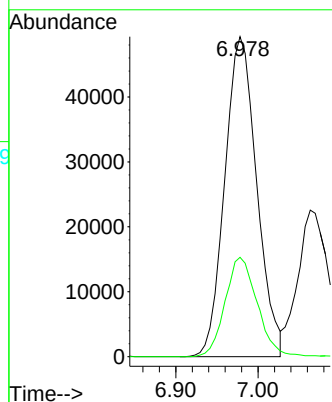
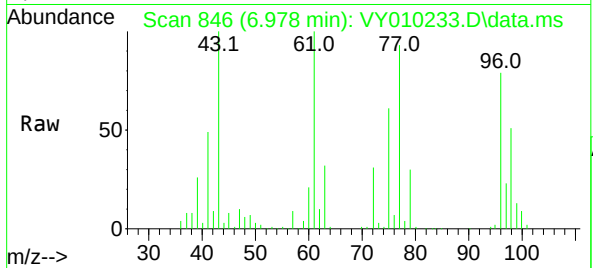




#25
2-Butanone
Concen: 219.781 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

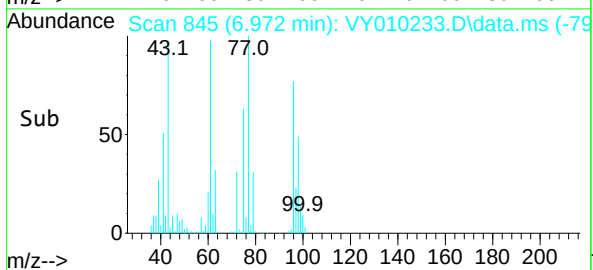
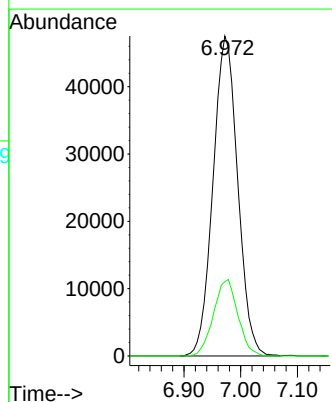
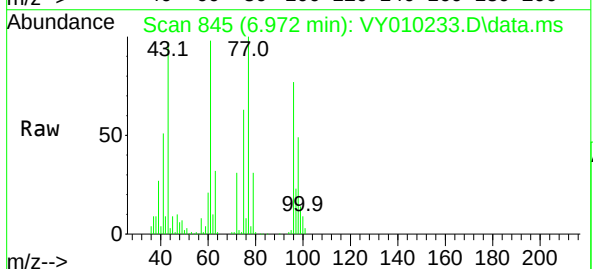
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

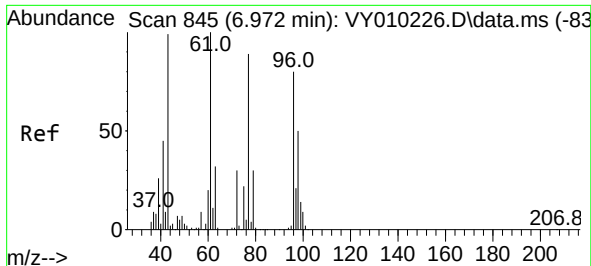
Tgt Ion: 43 Resp: 133188
Ion Ratio Lower Upper
43 100
72 31.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 50.179 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 77 Resp: 143495
Ion Ratio Lower Upper
77 100
97 23.6 10.4 31.4

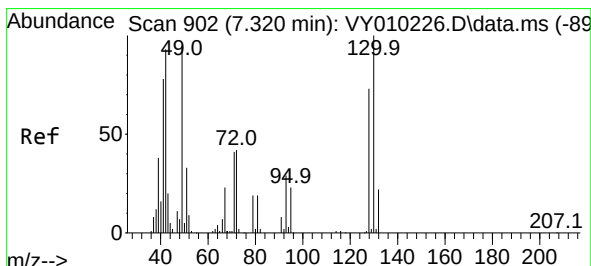
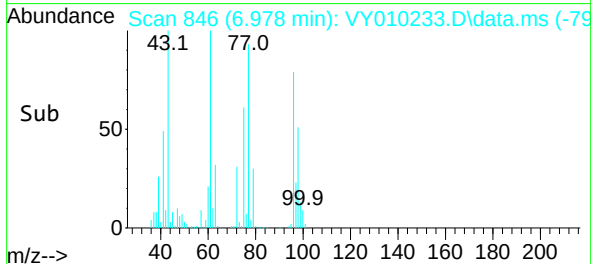
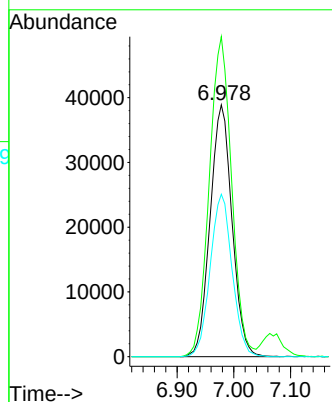
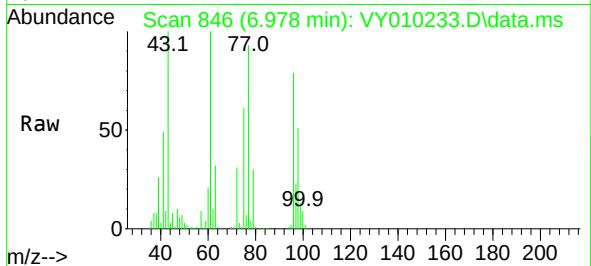




#27
 cis-1,2-Dichloroethene
 Concen: 47.080 ug/l
 RT: 6.978 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

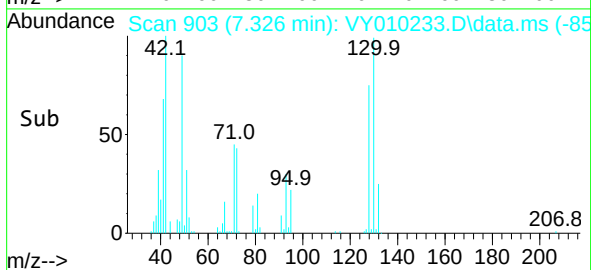
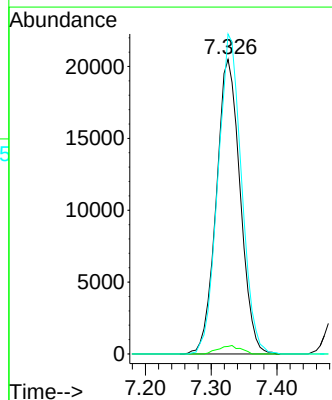
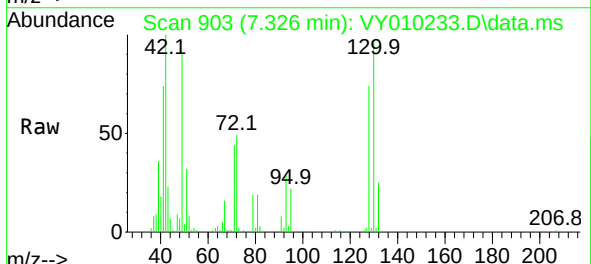
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

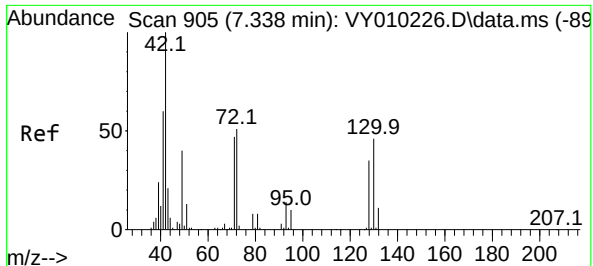
Tgt Ion: 96 Resp: 104381
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 319.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 49.882 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

Tgt Ion: 49 Resp: 51735
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 2.2#
 130 107.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 218.240 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

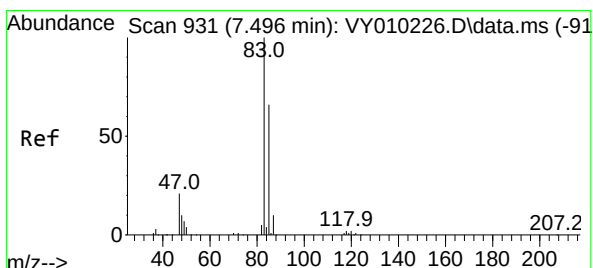
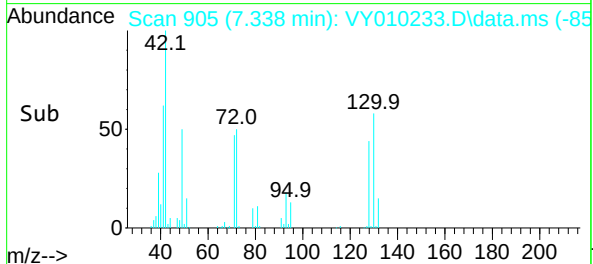
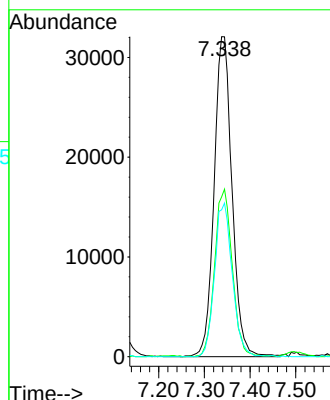
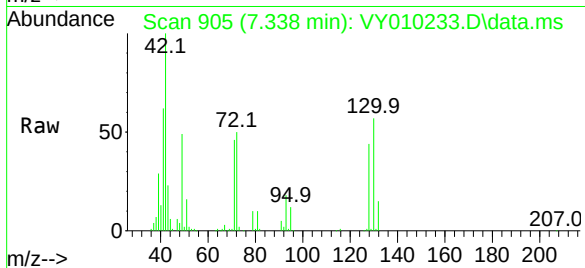
Tgt Ion: 42 Resp: 87329

Ion Ratio Lower Upper

42 100

72 51.6 30.3 45.5#

71 47.6 29.0 43.4#



#30

Chloroform

Concen: 46.768 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010233.D

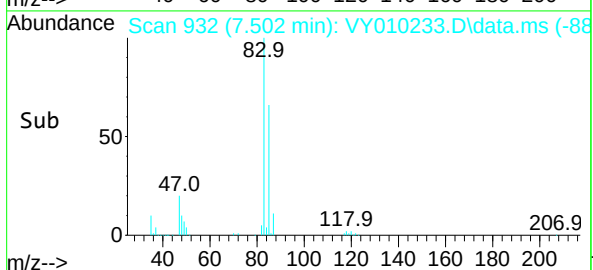
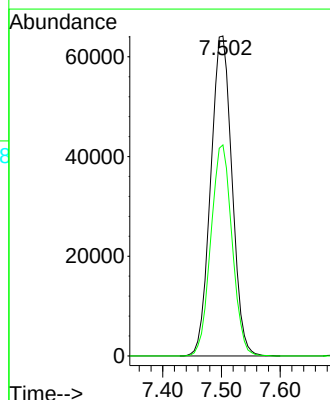
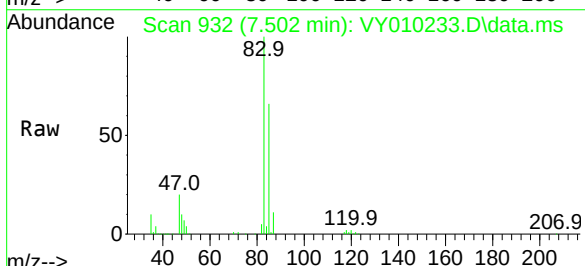
Acq: 31 Aug 2022 09:59

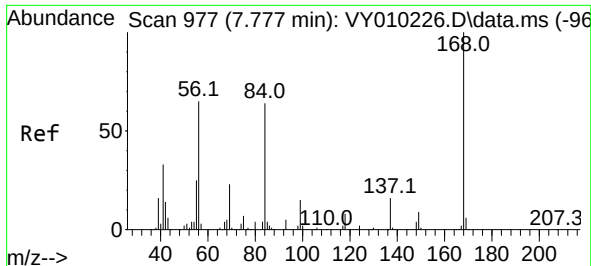
Tgt Ion: 83 Resp: 161857

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

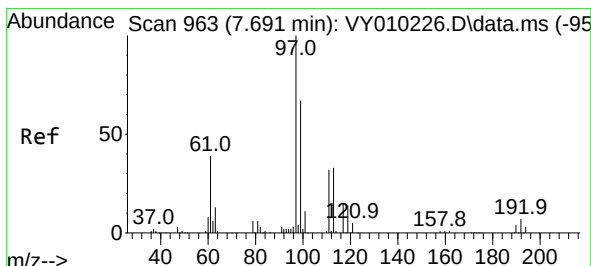
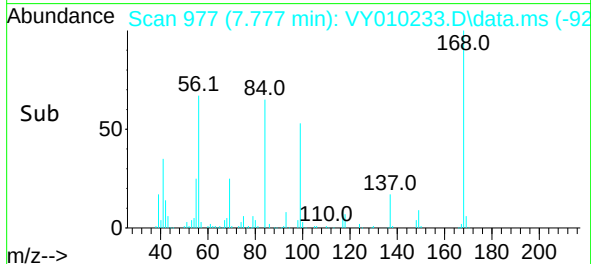
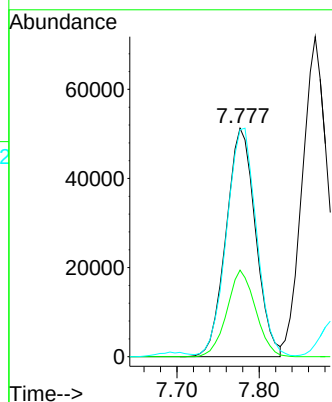
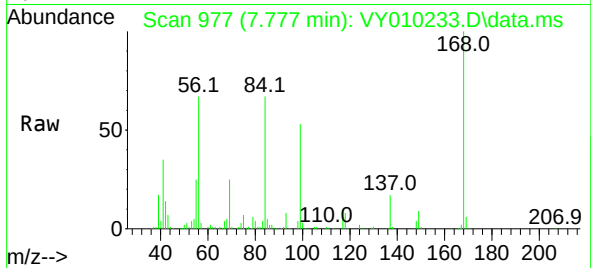




#31
Cyclohexane
Concen: 42.879 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

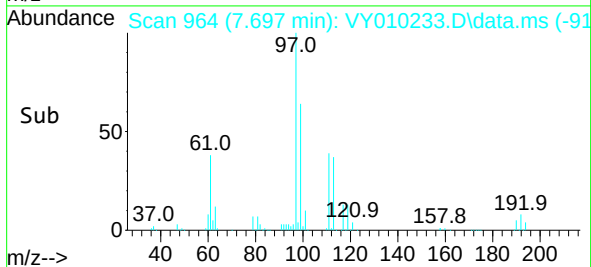
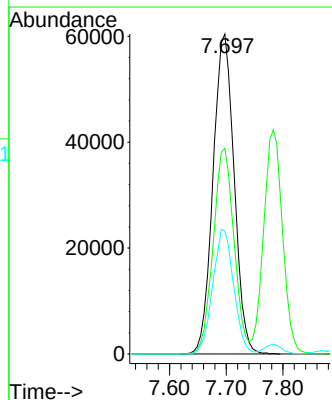
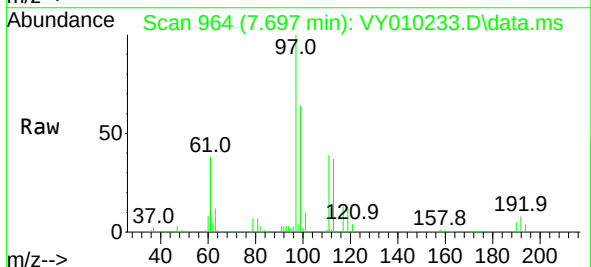
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

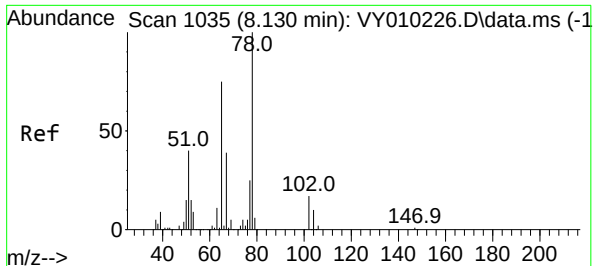
Tgt Ion: 56 Resp: 128188
Ion Ratio Lower Upper
56 100
69 37.9 26.7 40.1
84 97.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.193 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 97 Resp: 156065
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 38.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.173 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

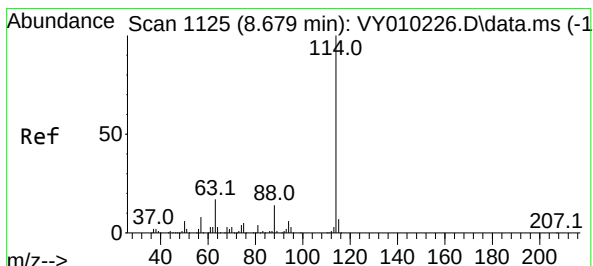
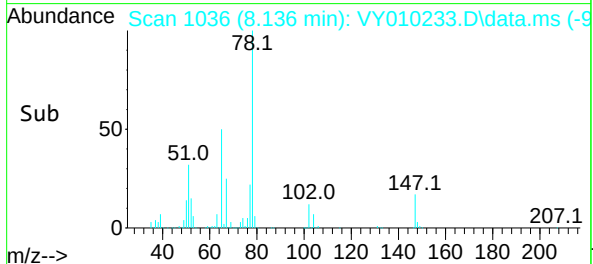
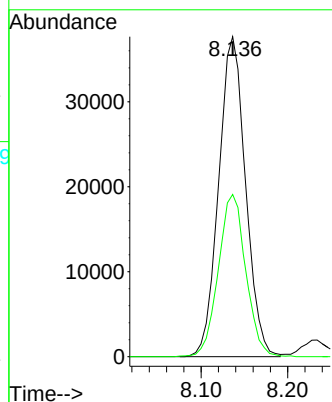
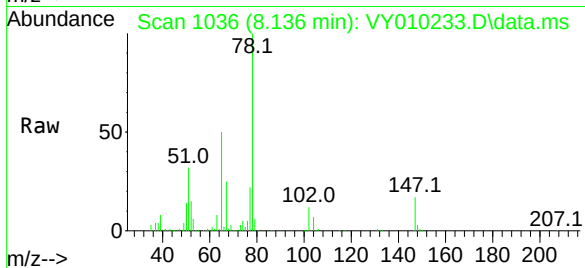
VSTDCCC050

Tgt Ion: 65 Resp: 81187

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

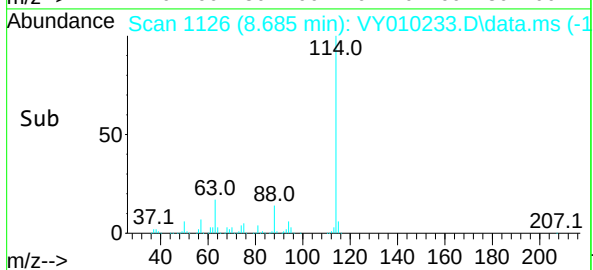
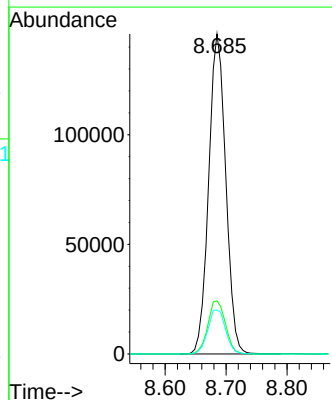
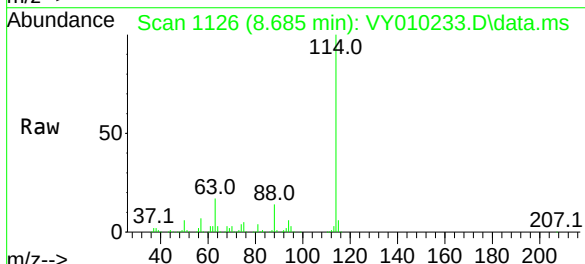
Tgt Ion: 114 Resp: 284295

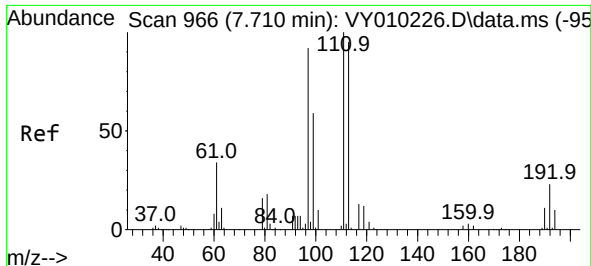
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.7 0.0 31.8

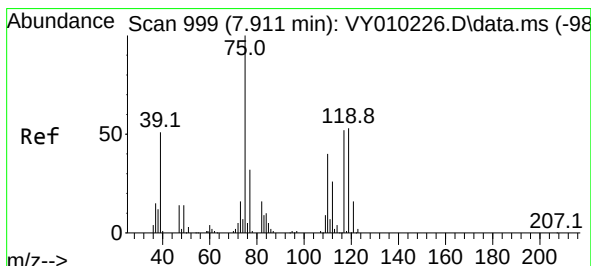
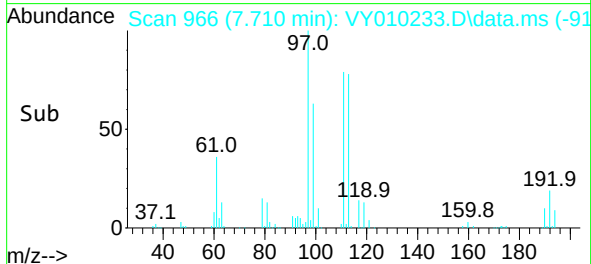
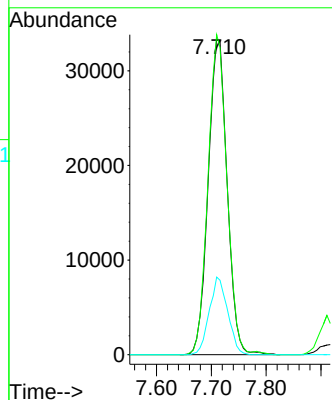
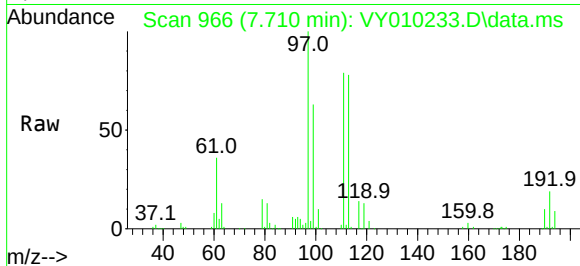




#35
Dibromofluoromethane
Concen: 49.190 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

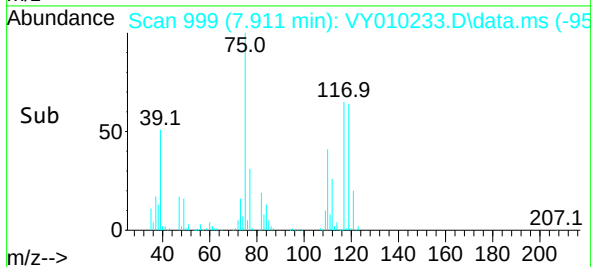
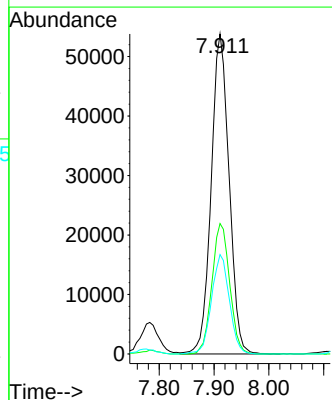
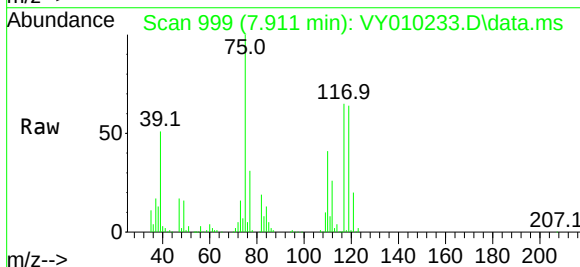
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

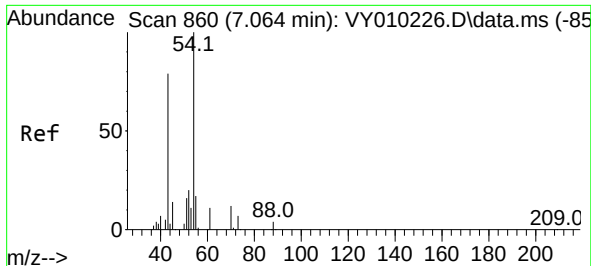
Tgt Ion:113 Resp: 79969
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 23.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.180 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 75 Resp: 121936
Ion Ratio Lower Upper
75 100
110 40.3 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 46.494 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

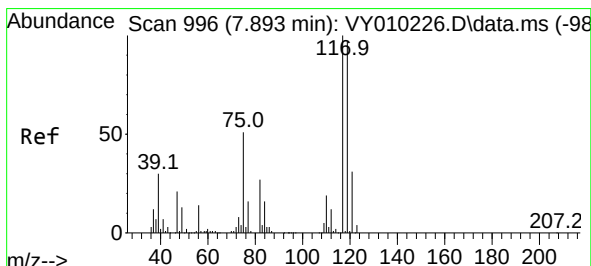
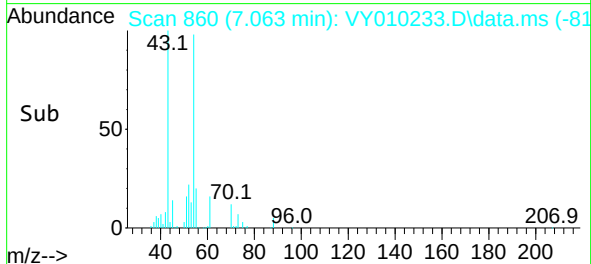
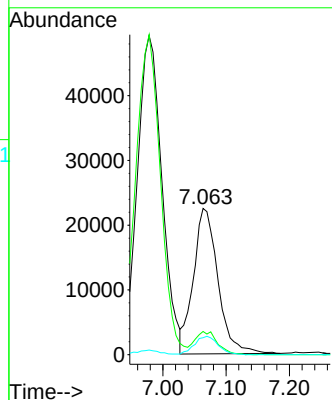
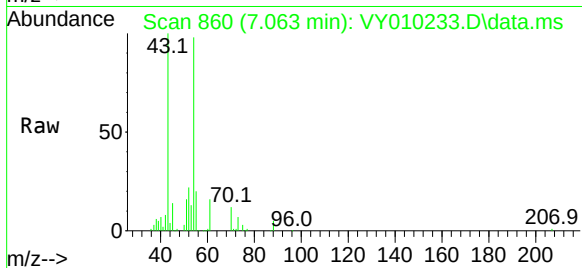
Tgt Ion: 43 Resp: 60757

Ion Ratio Lower Upper

43 100

61 14.6 9.7 14.5#

70 12.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.718 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

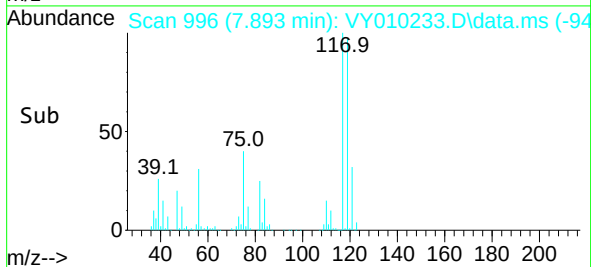
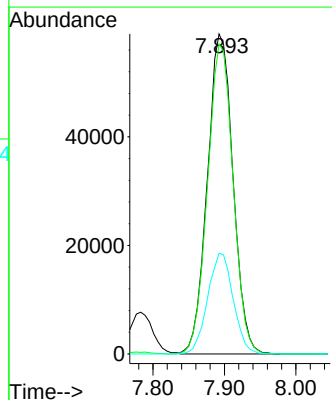
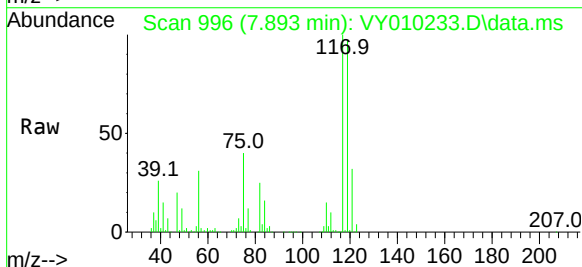
Tgt Ion: 117 Resp: 147129

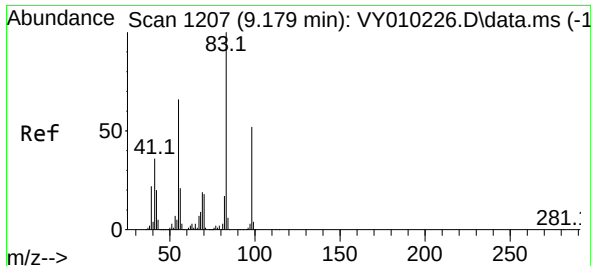
Ion Ratio Lower Upper

117 100

119 96.8 77.9 116.9

121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 47.706 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

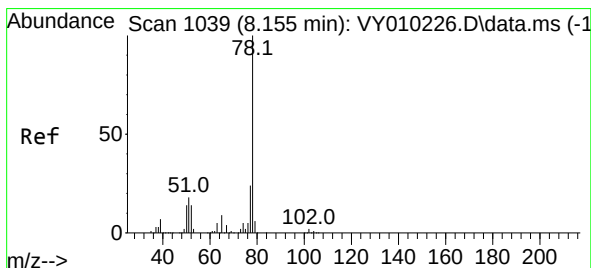
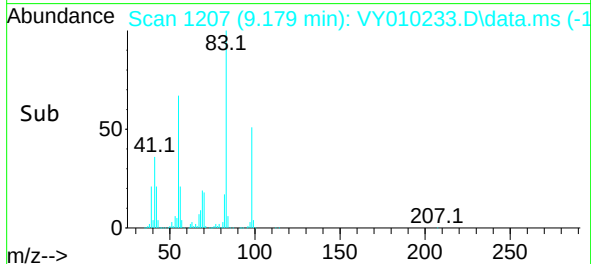
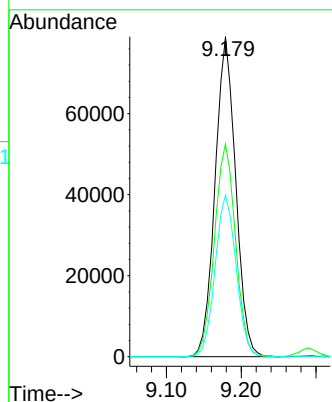
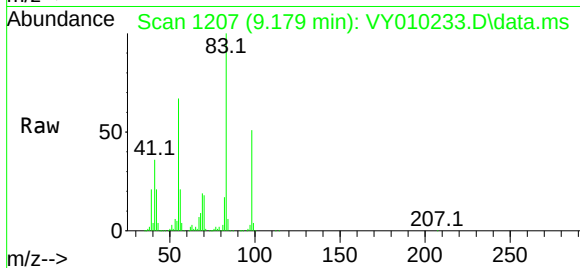
Tgt Ion: 83 Resp: 151563

Ion Ratio Lower Upper

83 100

55 66.5 66.5 99.7

98 50.6 37.9 56.9



#40

Benzene

Concen: 48.400 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010233.D

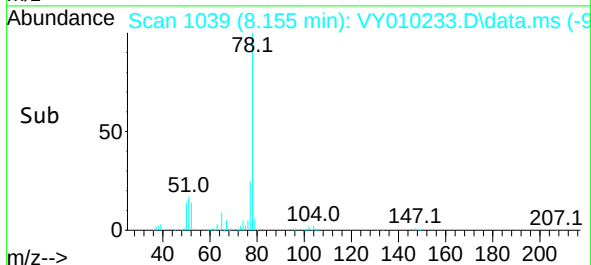
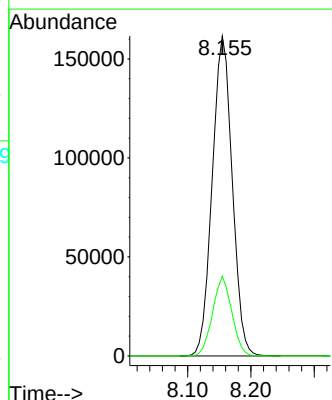
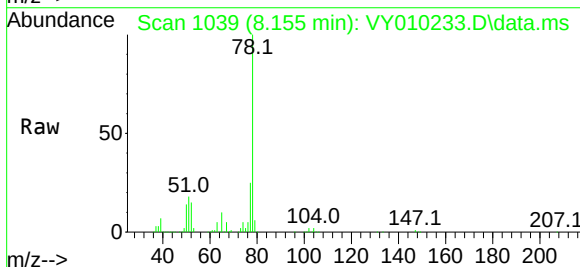
Acq: 31 Aug 2022 09:59

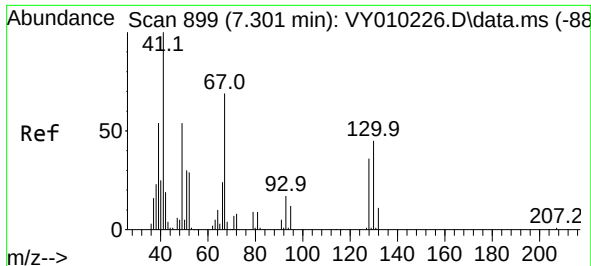
Tgt Ion: 78 Resp: 354356

Ion Ratio Lower Upper

78 100

77 24.9 20.4 30.6

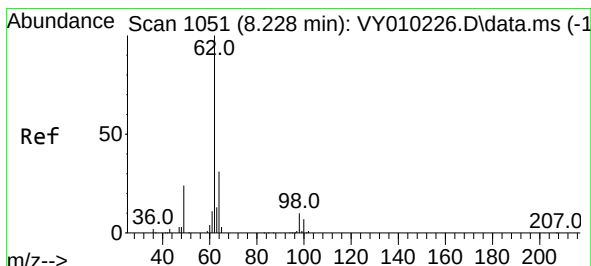
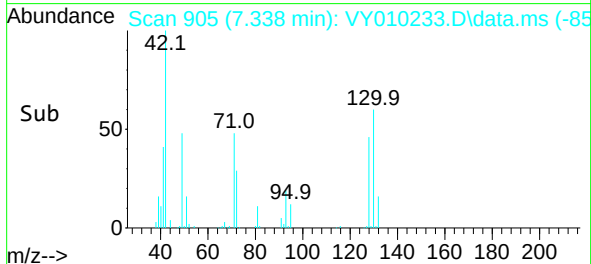
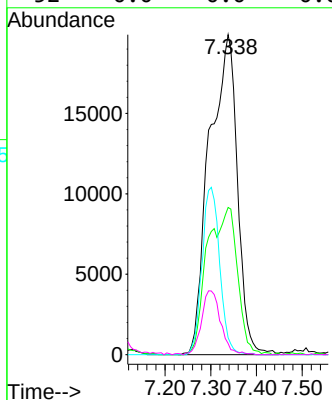
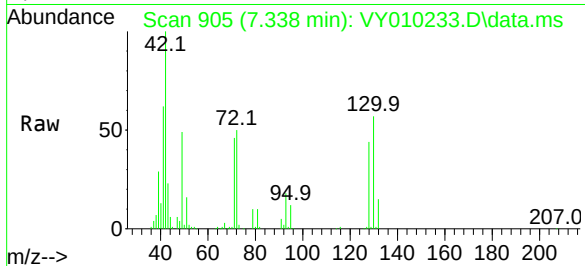




#41
Methacrylonitrile
Concen: 114.424 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

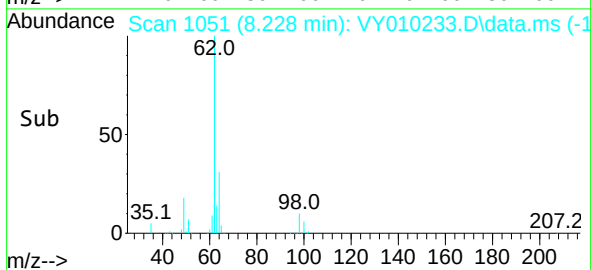
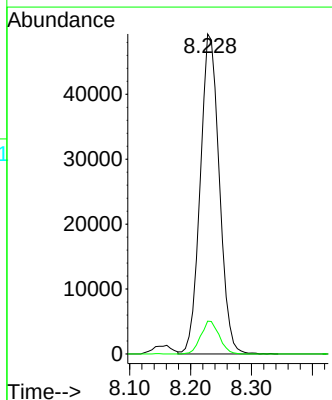
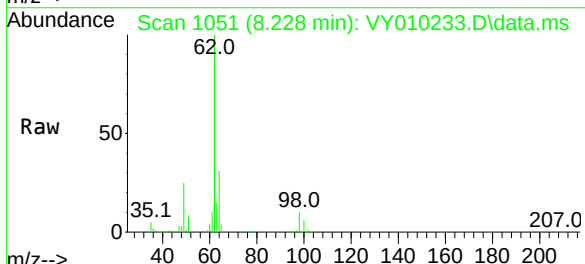
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

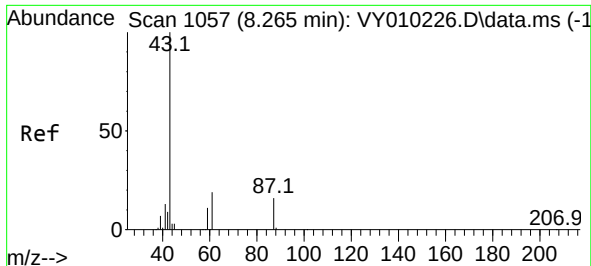
Tgt Ion: 41 Resp: 84476
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.516 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 62 Resp: 107160
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

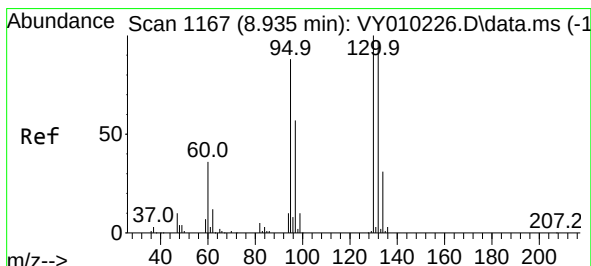
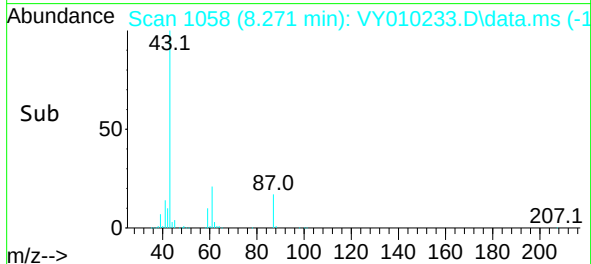
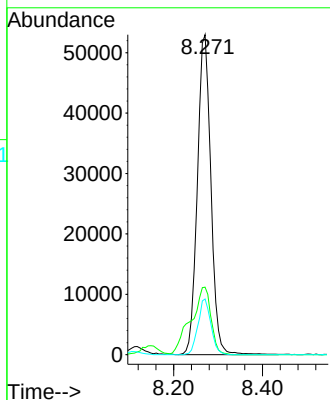
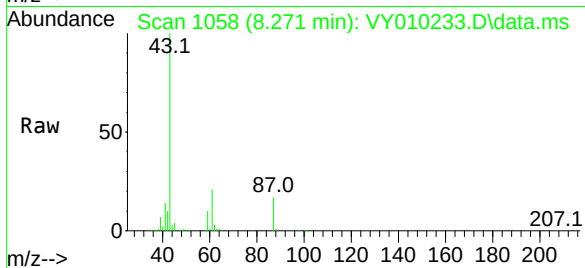




#43
Isopropyl Acetate
Concen: 44.897 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

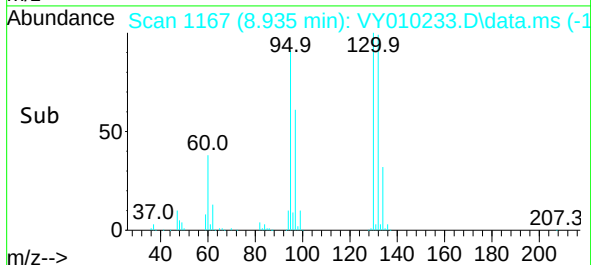
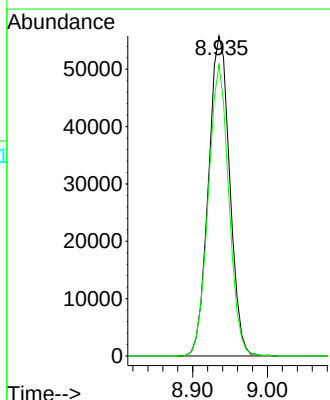
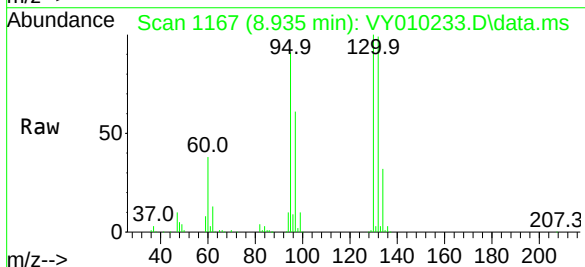
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

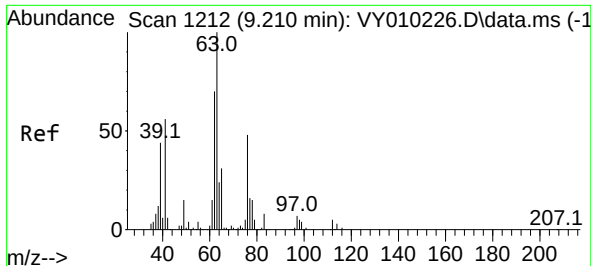
Tgt Ion: 43 Resp: 112323
Ion Ratio Lower Upper
43 100
61 31.3 20.2 30.2#
87 16.6 8.9 13.3#



#44
Trichloroethene
Concen: 48.737 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:130 Resp: 110110
Ion Ratio Lower Upper
130 100
95 91.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 45.121 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

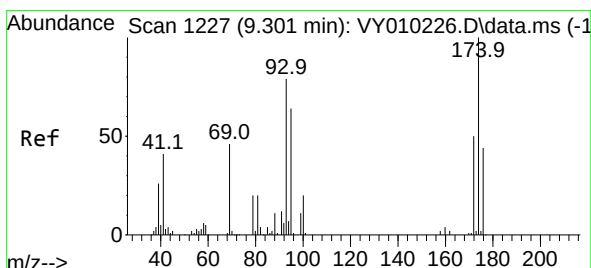
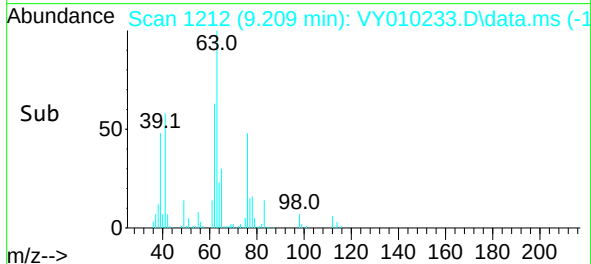
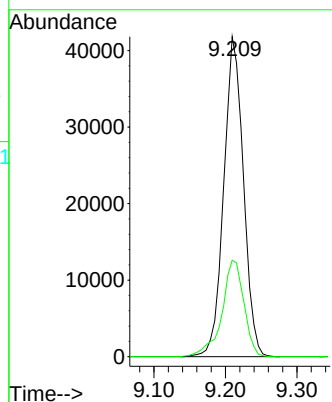
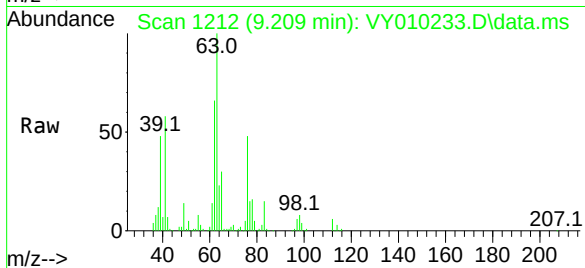
VSTDCCC050

Tgt Ion: 63 Resp: 79836

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 47.328 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

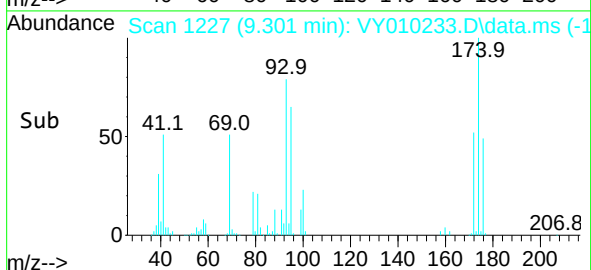
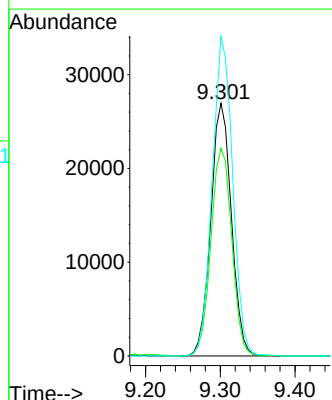
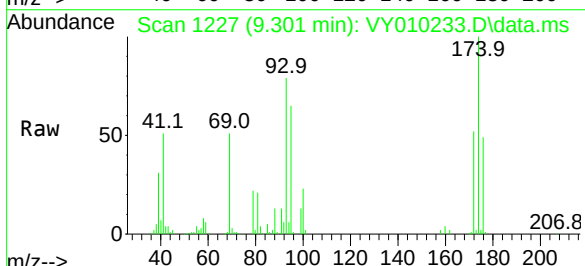
Tgt Ion: 93 Resp: 51668

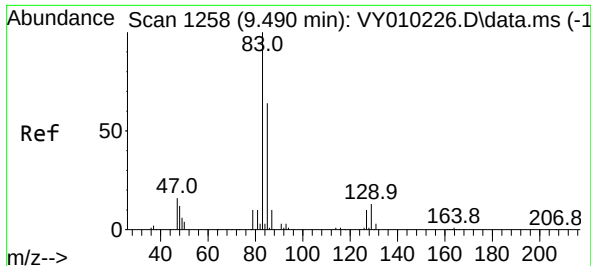
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 125.5 83.4 125.0#





#47

Bromodichloromethane

Concen: 49.250 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

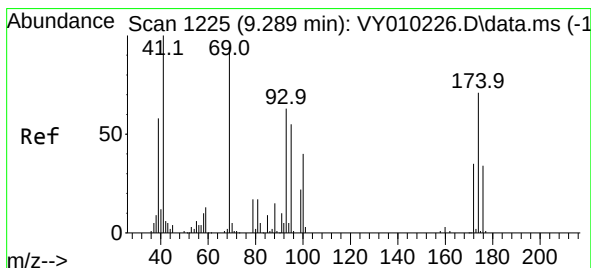
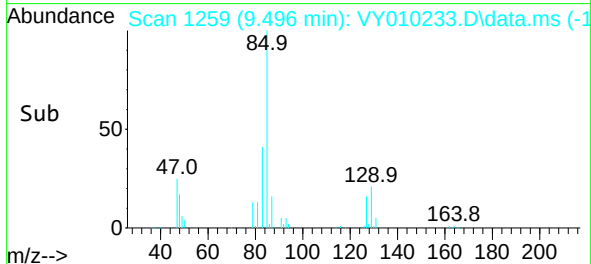
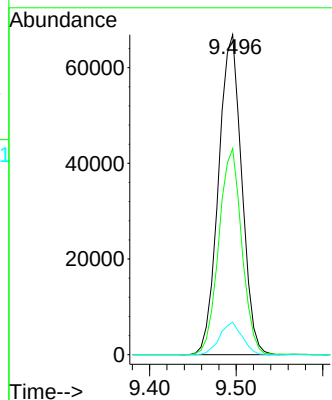
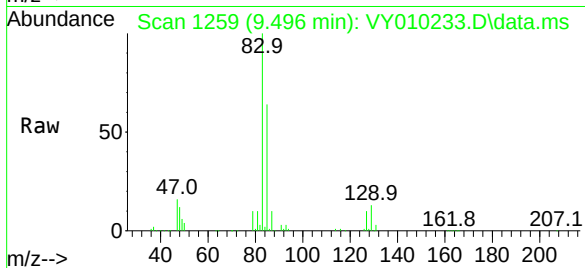
Tgt Ion: 83 Resp: 124477

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

127 10.2 6.6 10.0#



#48

Methyl methacrylate

Concen: 46.486 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

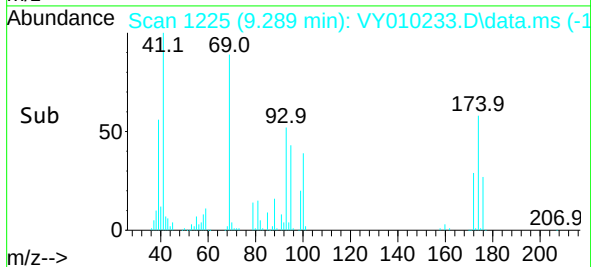
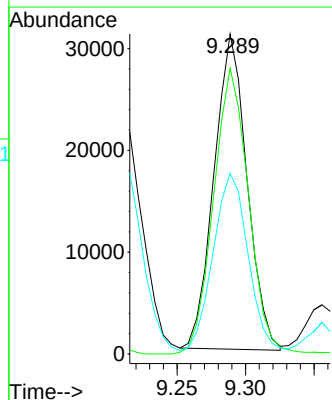
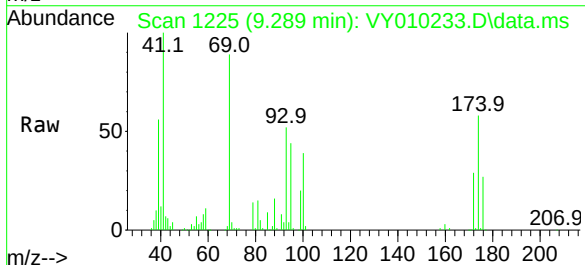
Tgt Ion: 41 Resp: 51800

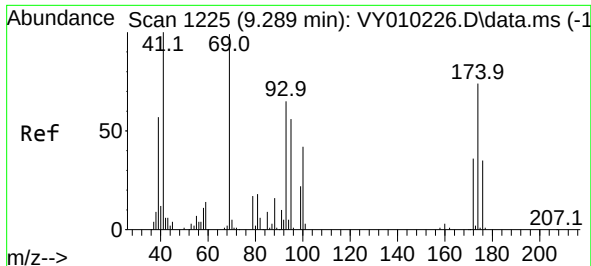
Ion Ratio Lower Upper

41 100

69 96.5 58.2 87.2#

39 62.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1020.340 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

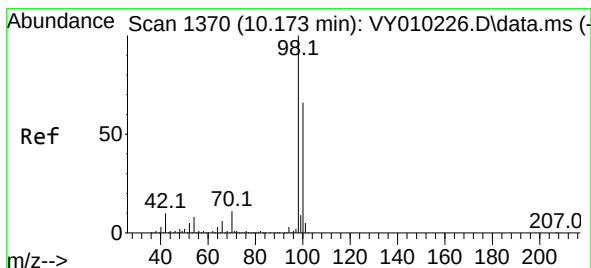
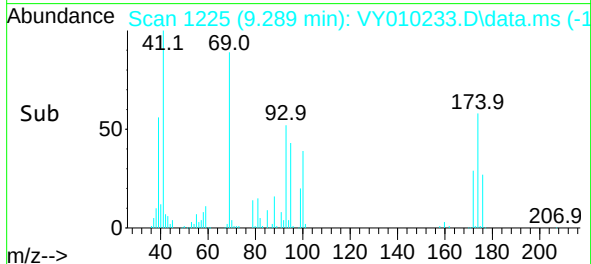
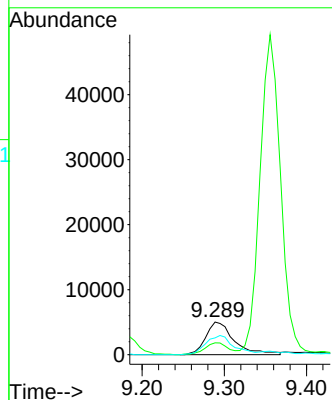
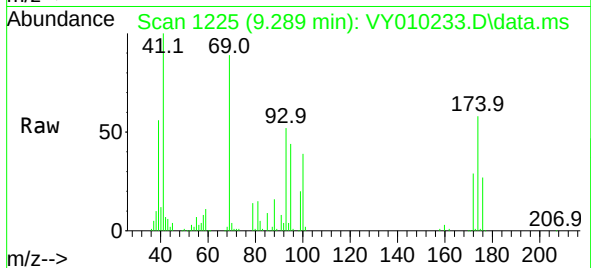
Tgt Ion: 88 Resp: 12077

Ion Ratio Lower Upper

88 100

43 29.9 32.8 49.2#

58 57.5 59.8 89.6#



#50

Toluene-d8

Concen: 50.705 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010233.D

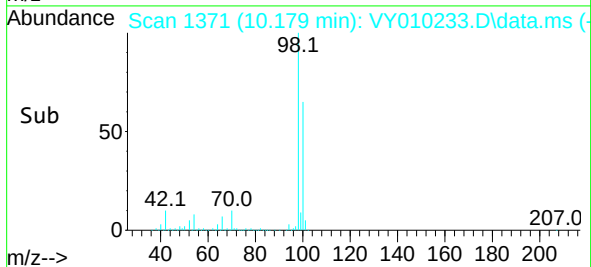
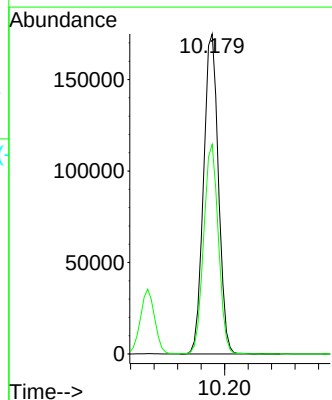
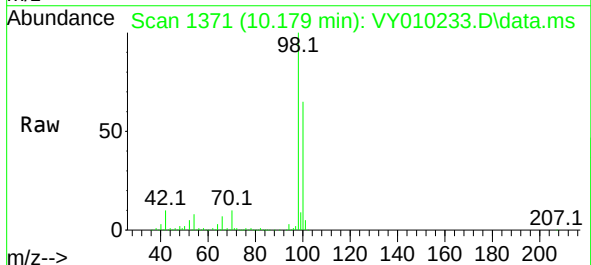
Acq: 31 Aug 2022 09:59

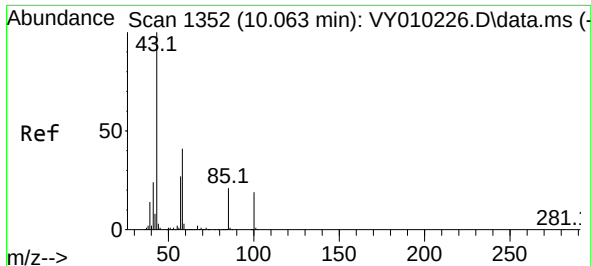
Tgt Ion: 98 Resp: 306181

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

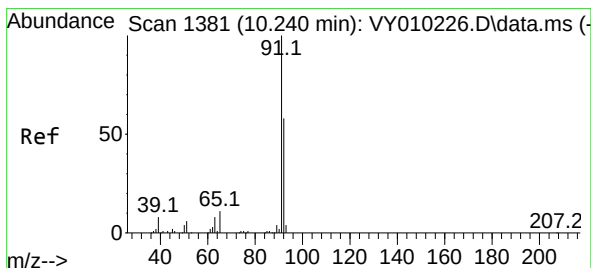
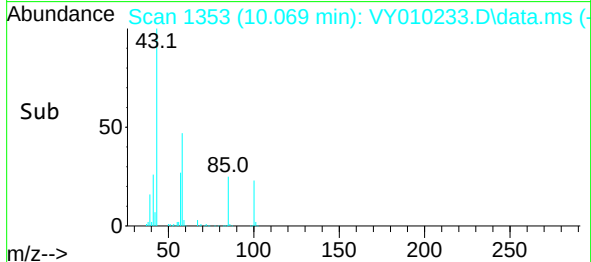
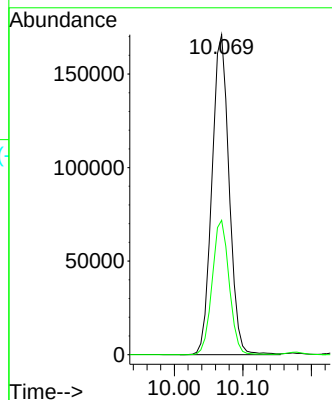
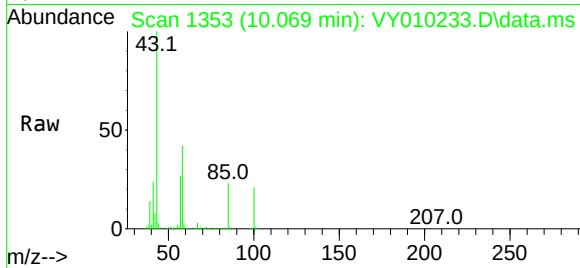




#51
4-Methyl-2-Pentanone
Concen: 223.387 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

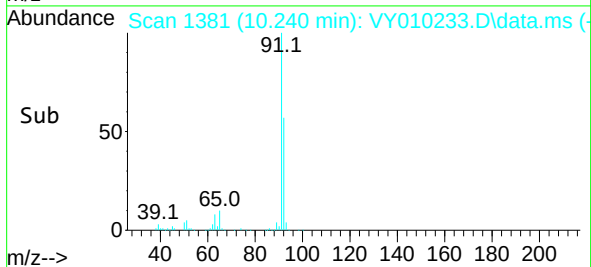
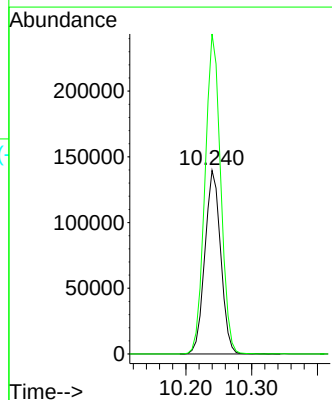
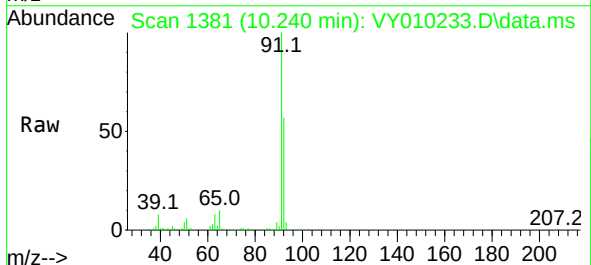
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

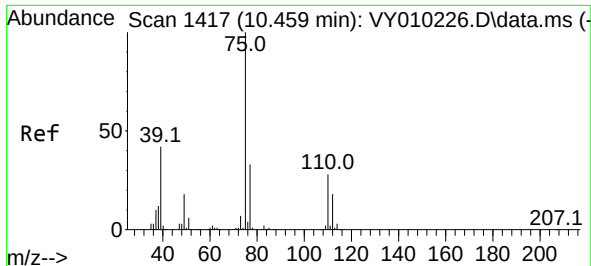
Tgt Ion: 43 Resp: 297861
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1



#52
Toluene
Concen: 48.823 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 92 Resp: 233251
Ion Ratio Lower Upper
92 100
91 173.0 142.6 213.8

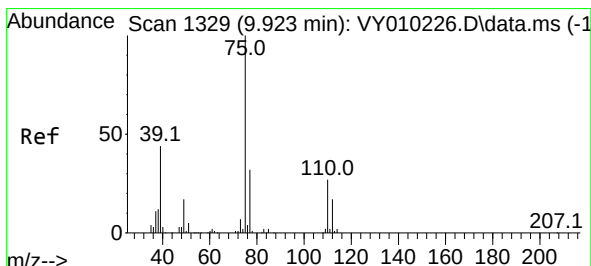
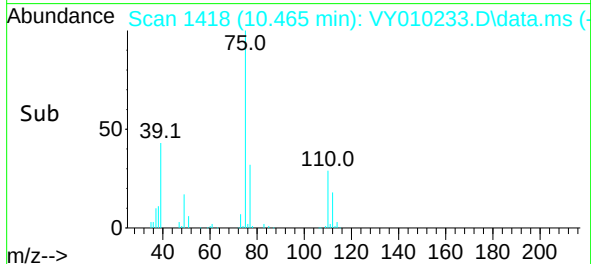
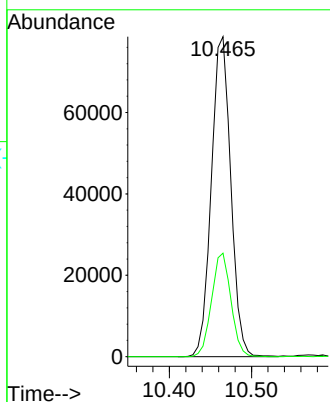
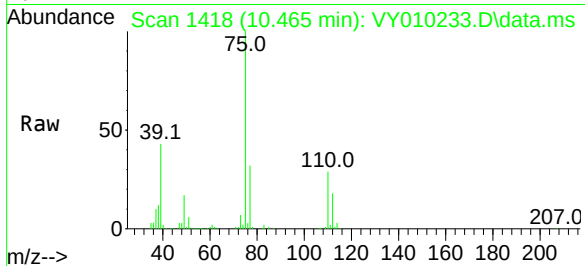




#53
 t-1,3-Dichloropropene
 Concen: 46.641 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

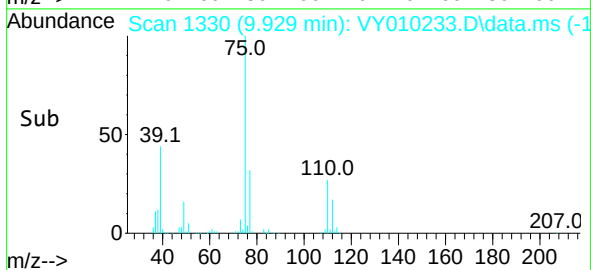
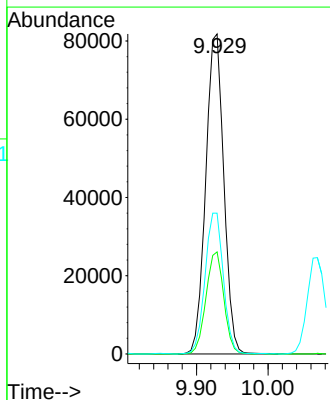
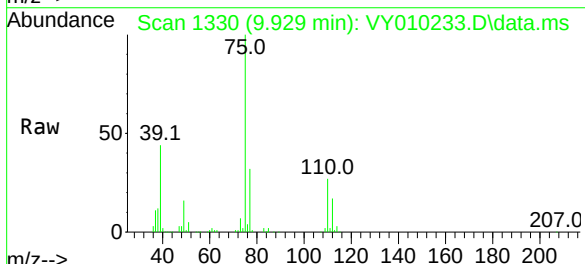
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

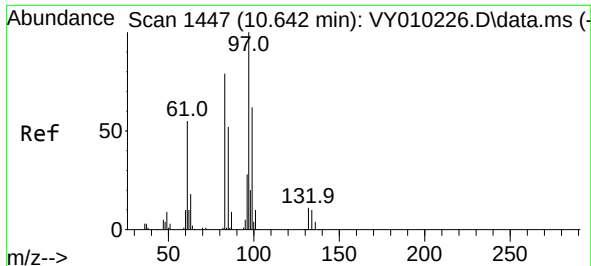
Tgt Ion: 75 Resp: 129206
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.275 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

Tgt Ion: 75 Resp: 143633
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 44.0 47.6 71.4#

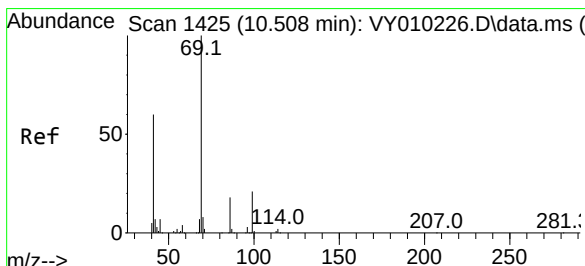
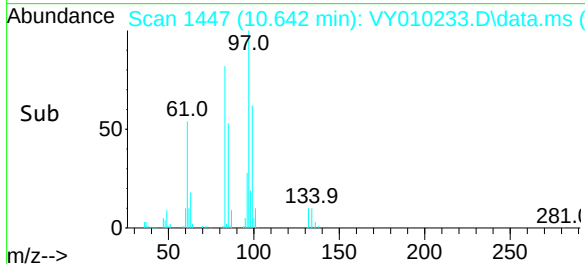
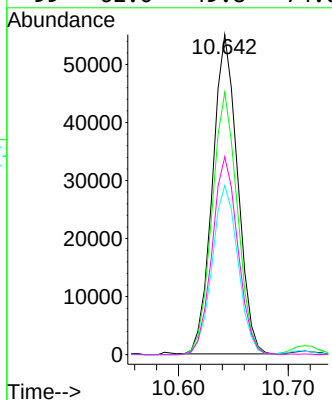
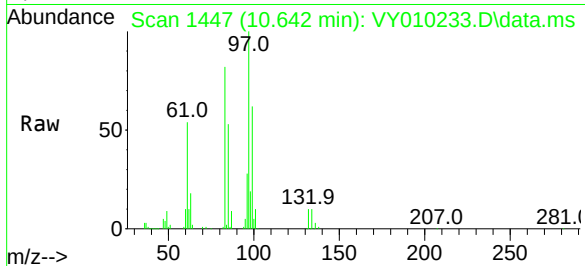




#55
1,1,2-Trichloroethane
Concen: 52.652 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

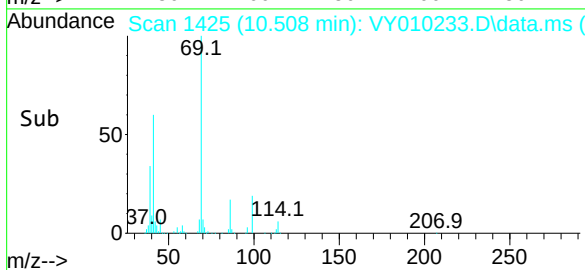
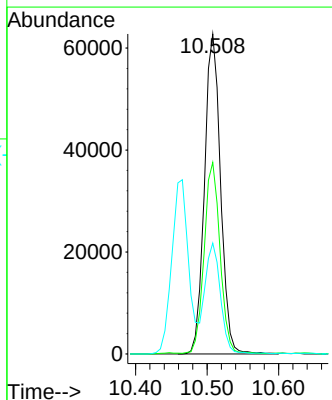
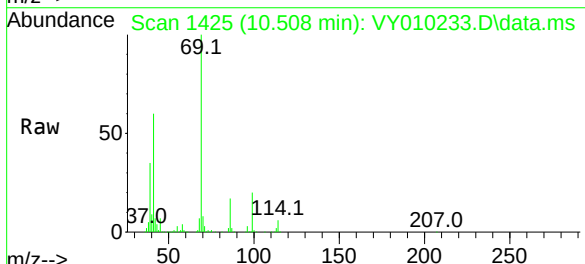
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

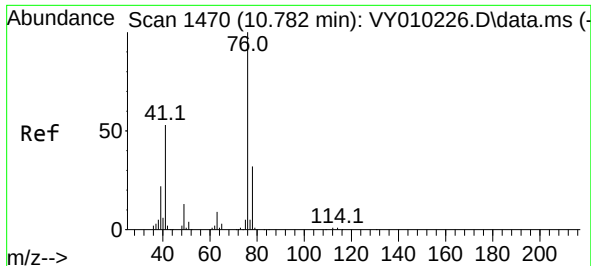
Tgt Ion:	97	Resp:	87579
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.8	104.8
85	53.0	44.3	66.5
99	62.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 45.344 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:	69	Resp:	98084
Ion	Ratio	Lower	Upper
69	100		
41	58.9	63.4	95.0#
39	31.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 54.638 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

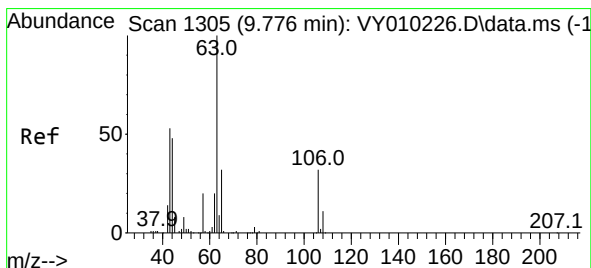
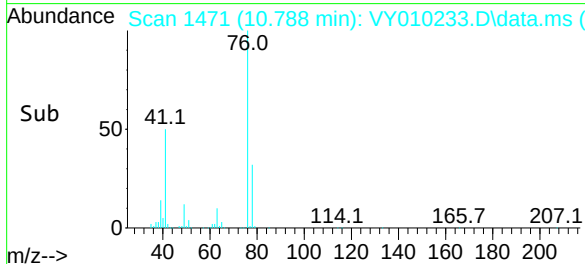
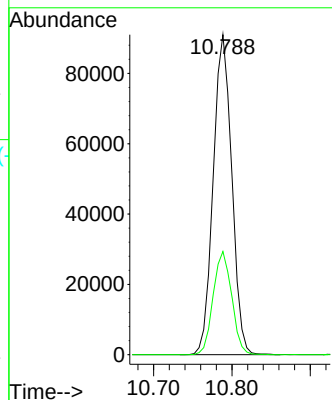
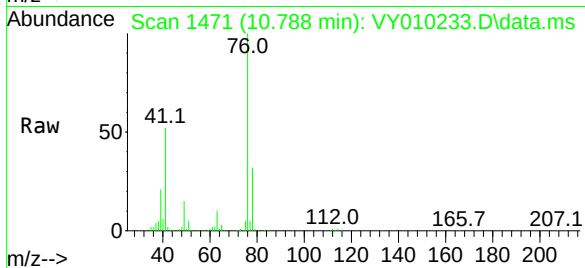
VSTDCCC050

Tgt Ion: 76 Resp: 149839

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 217.329 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010233.D

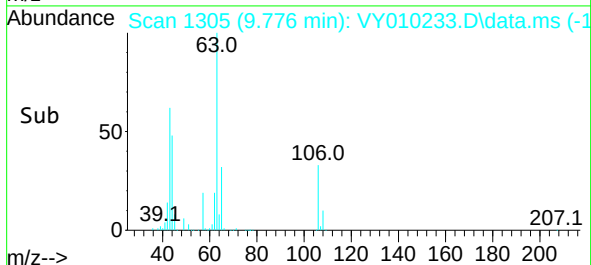
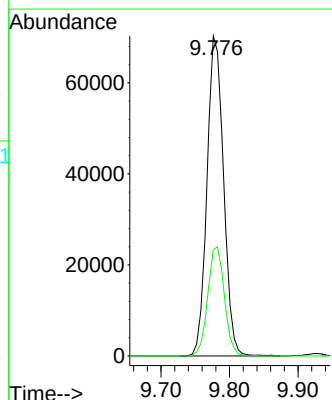
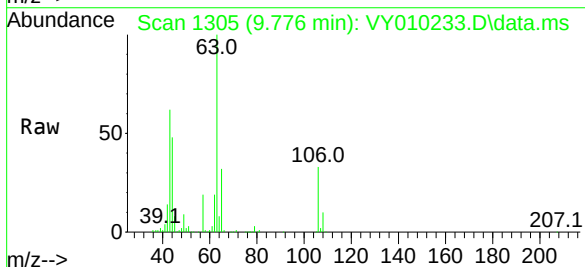
Acq: 31 Aug 2022 09:59

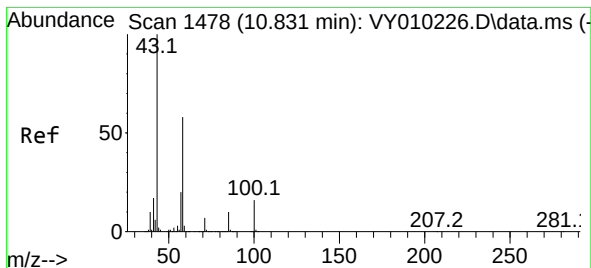
Tgt Ion: 63 Resp: 118387

Ion Ratio Lower Upper

63 100

106 34.1 21.5 32.3#

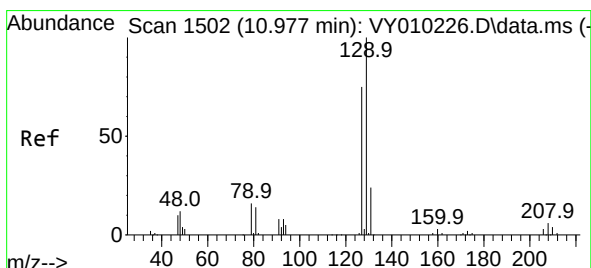
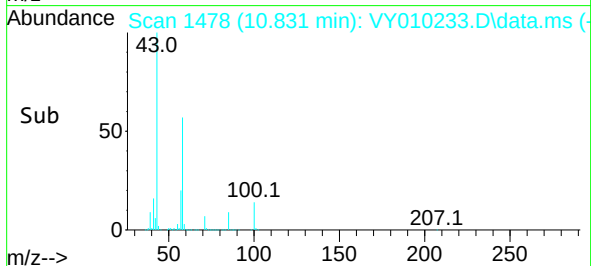
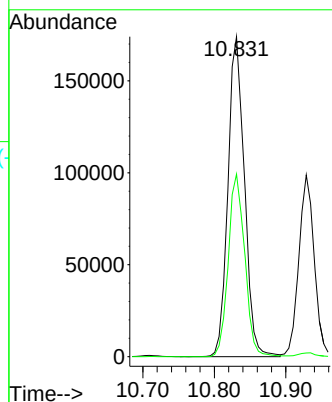
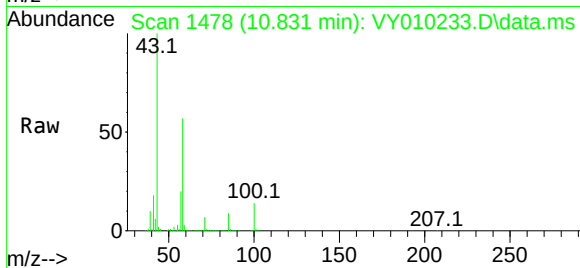




#59
2-Hexanone
Concen: 274.310 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

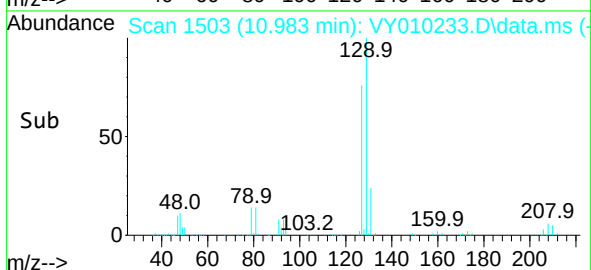
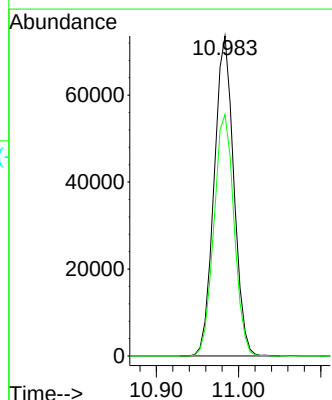
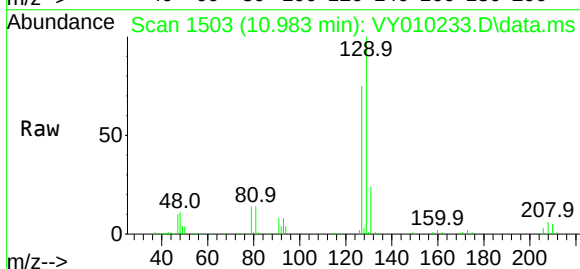
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

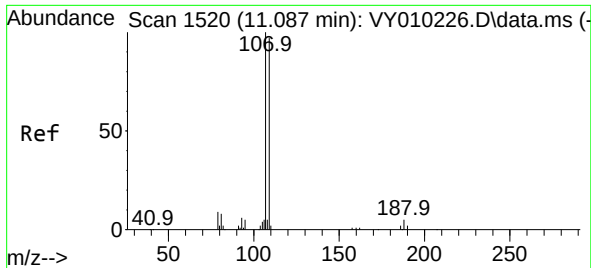
Tgt Ion: 43 Resp: 279097
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4



#60
Dibromochloromethane
Concen: 58.533 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 129 Resp: 121978
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

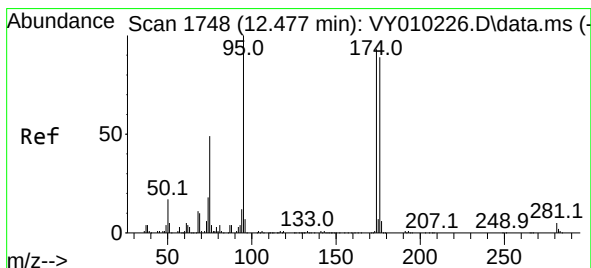
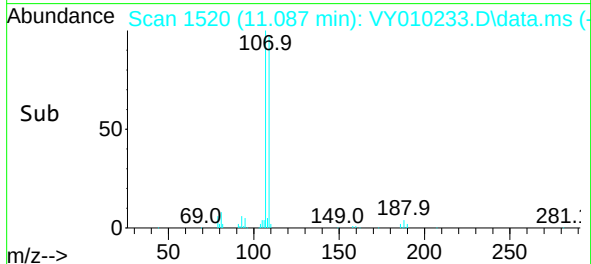
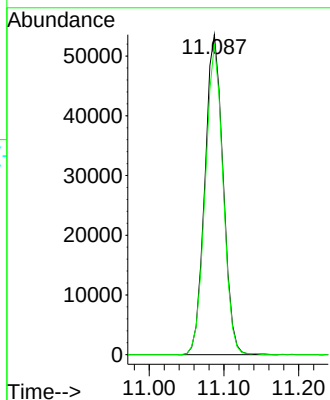
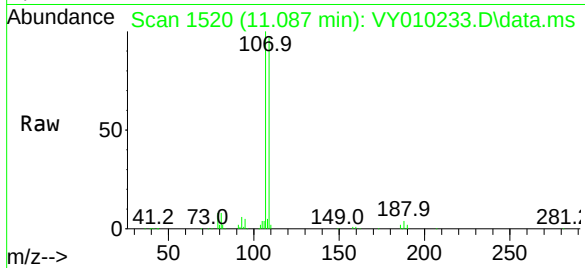




#61
1,2-Dibromoethane
Concen: 55.207 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

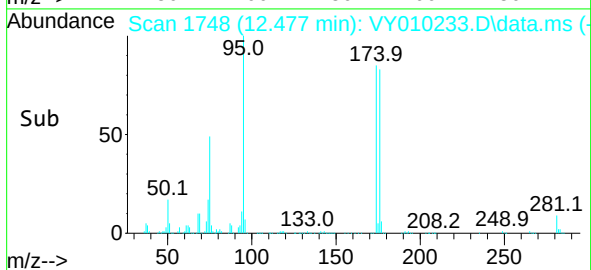
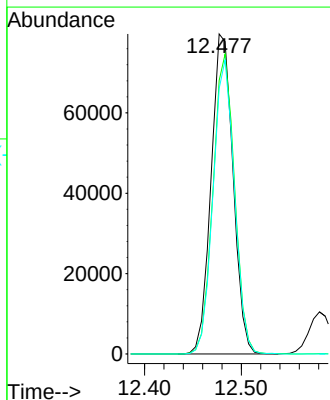
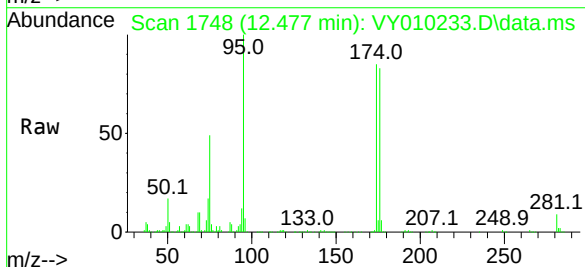
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

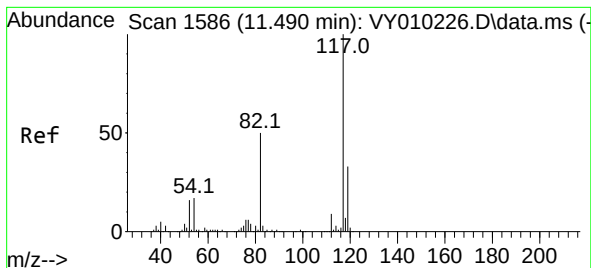
Tgt Ion:107 Resp: 90567
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 95 Resp: 125278
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

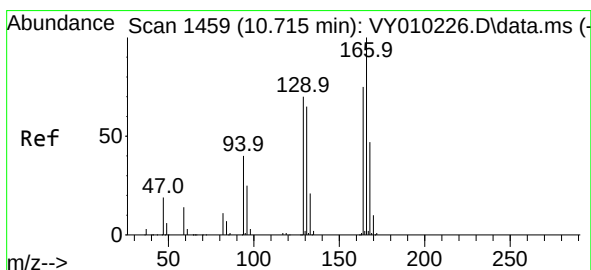
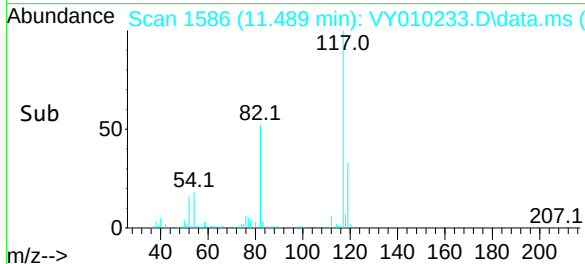
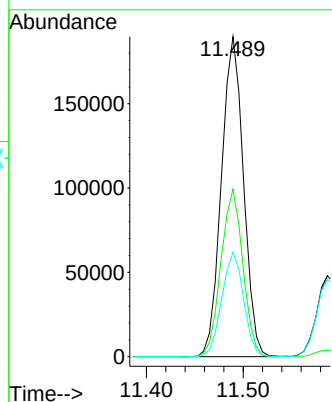
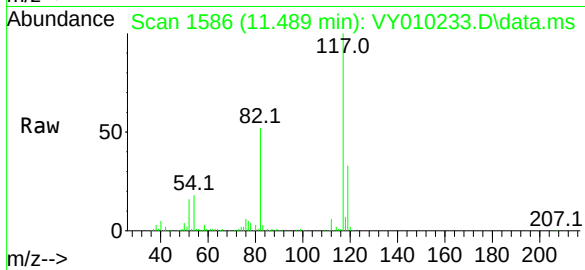
Tgt Ion:117 Resp: 300231

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 48.542 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Tgt Ion:164 Resp: 125812

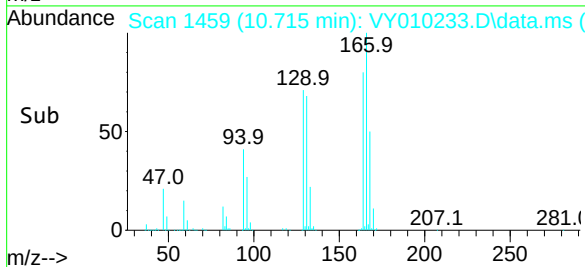
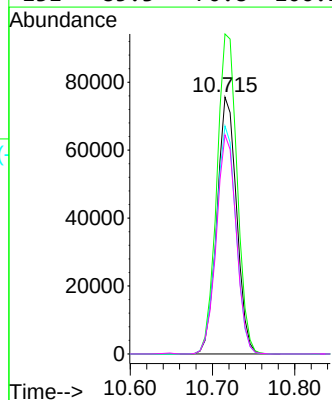
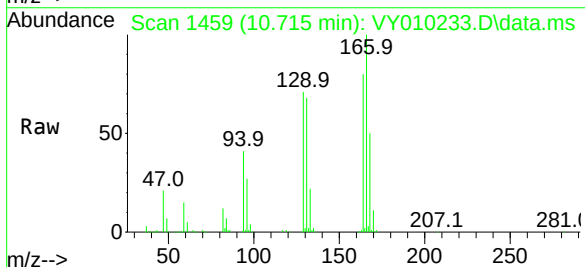
Ion Ratio Lower Upper

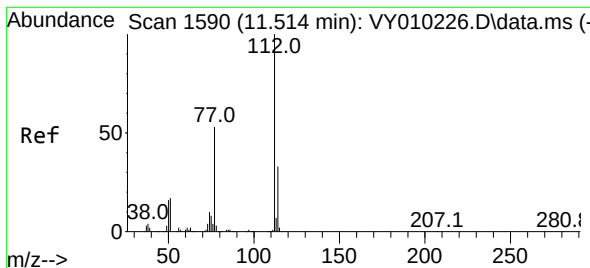
164 100

166 124.6 100.4 150.6

129 88.8 71.4 107.0

131 85.3 70.8 106.2





#65

Chlorobenzene

Concen: 49.987 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

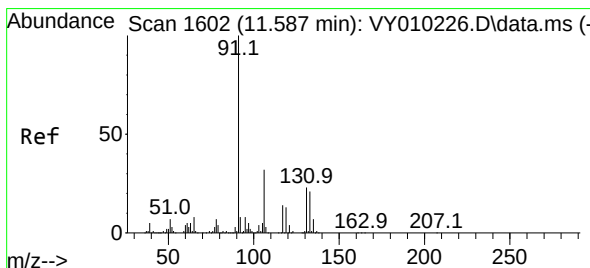
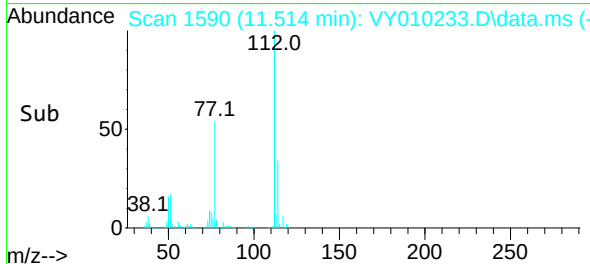
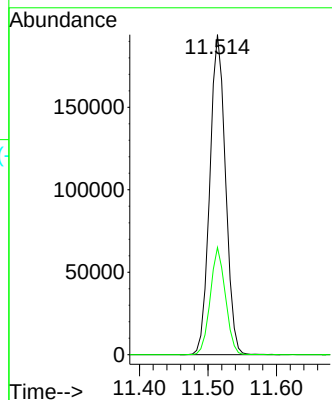
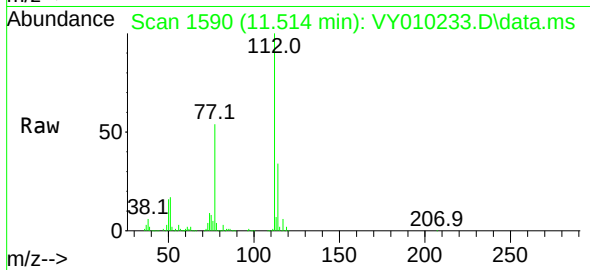
VSTDCCC050

Tgt Ion:112 Resp: 309297

Ion Ratio Lower Upper

112 100

114 33.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.650 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

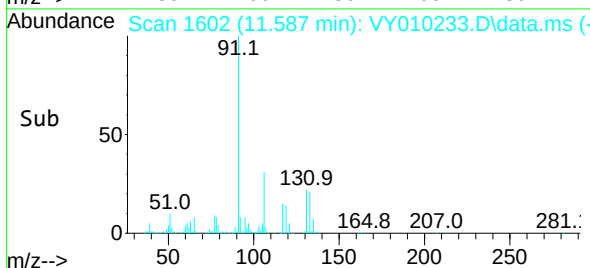
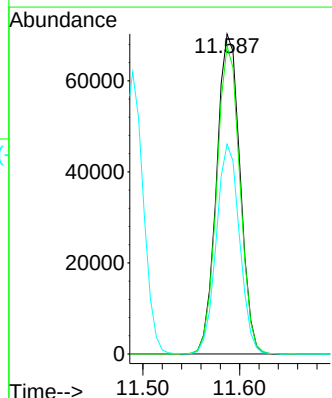
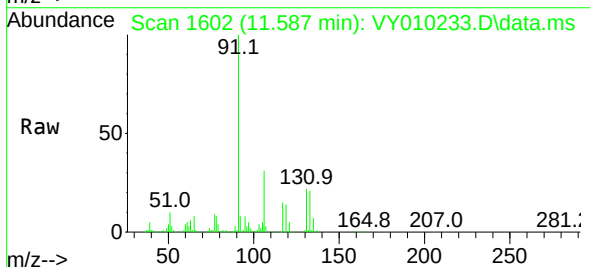
Tgt Ion:131 Resp: 118279

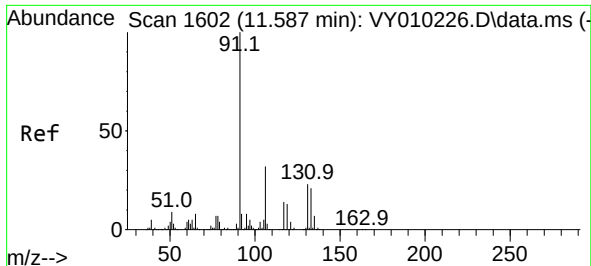
Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.6

119 64.9 30.8 92.3





#67

Ethyl Benzene

Concen: 51.384 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

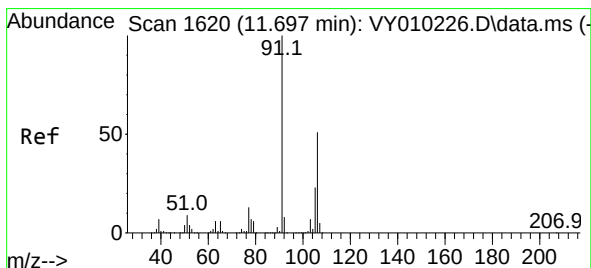
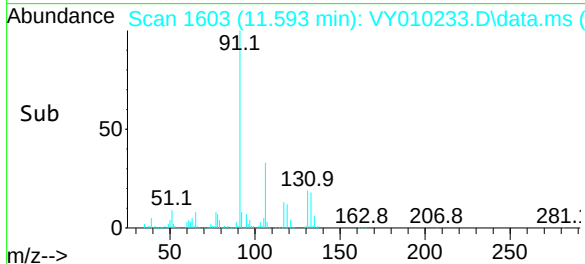
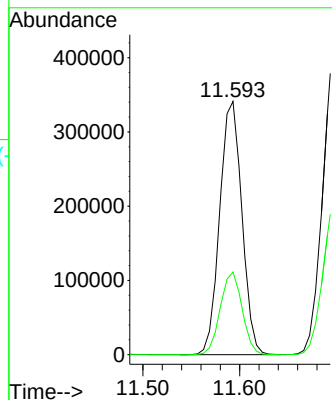
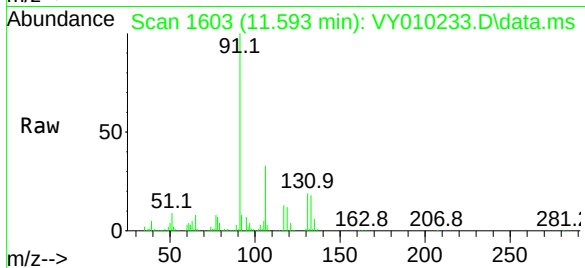
VSTDCCC050

Tgt Ion: 91 Resp: 542410

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 102.752 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010233.D

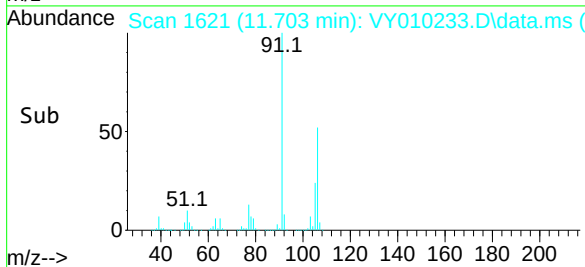
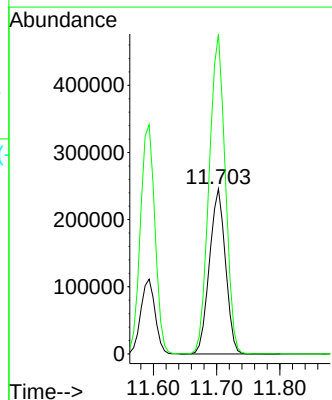
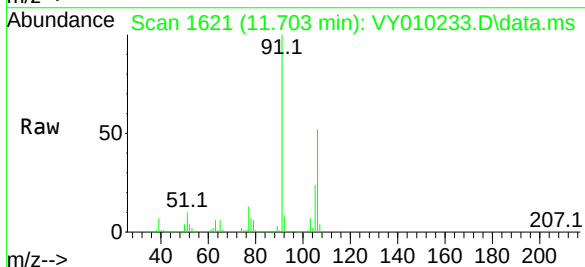
Acq: 31 Aug 2022 09:59

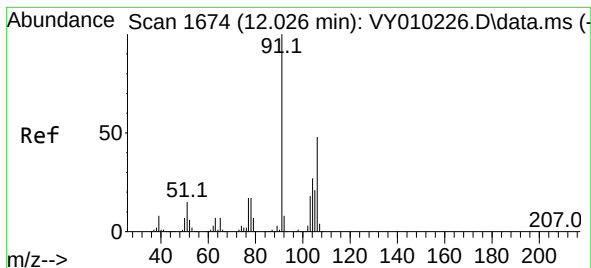
Tgt Ion: 106 Resp: 432646

Ion Ratio Lower Upper

106 100

91 195.5 166.6 249.8

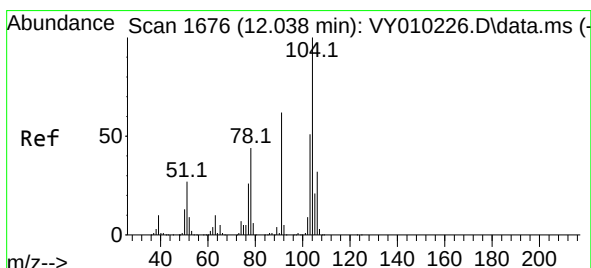
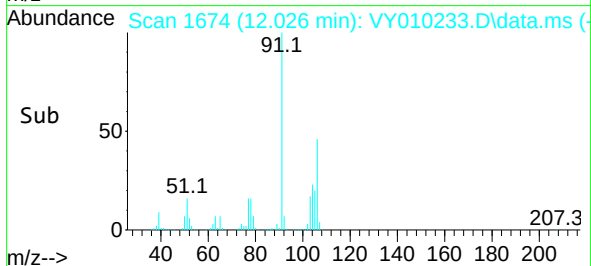
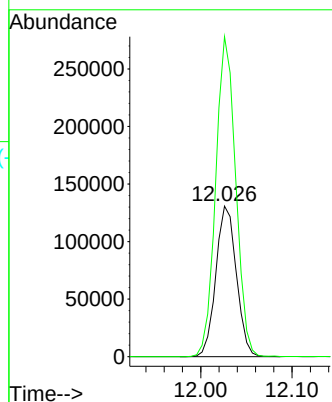
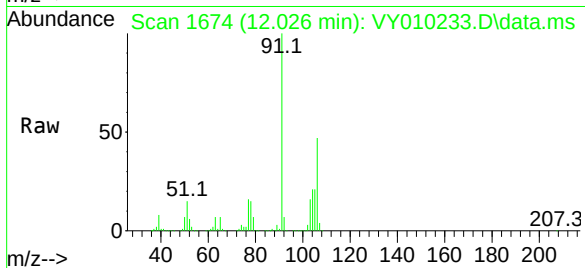




#69
o-Xylene
Concen: 52.022 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

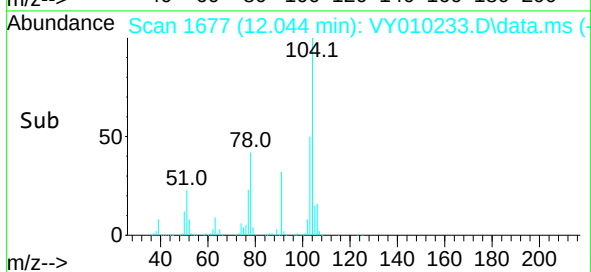
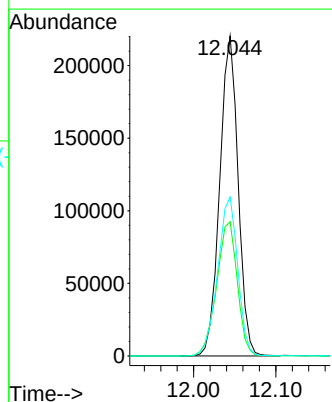
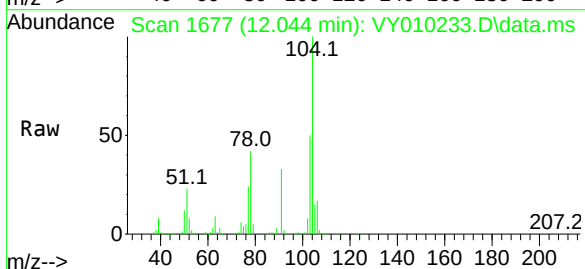
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

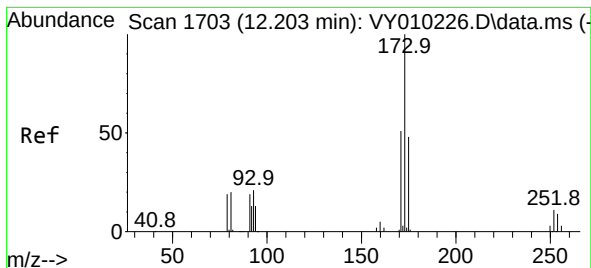
Tgt Ion:106 Resp: 203849
Ion Ratio Lower Upper
106 100
91 207.6 110.3 331.0



#70
Styrene
Concen: 52.152 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:104 Resp: 342631
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 52.486 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

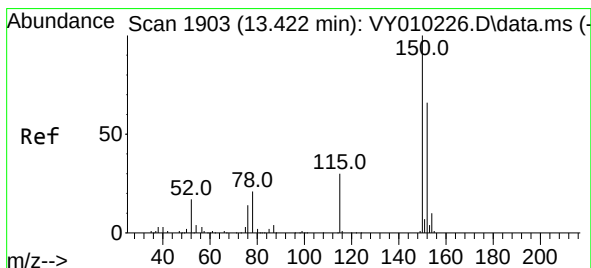
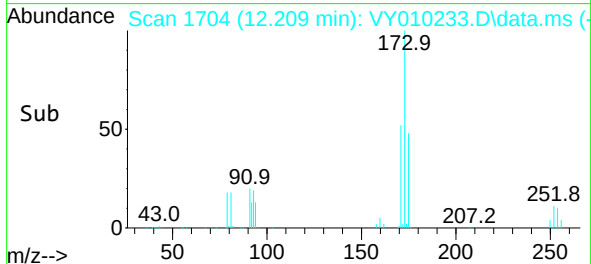
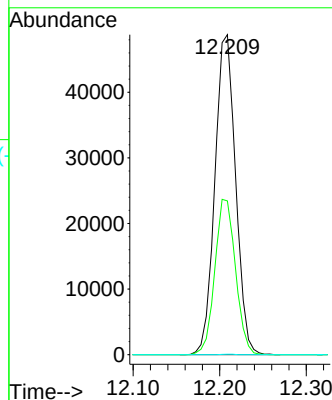
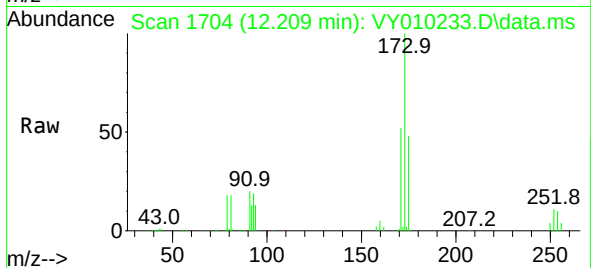
Tgt Ion:173 Resp: 81020

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

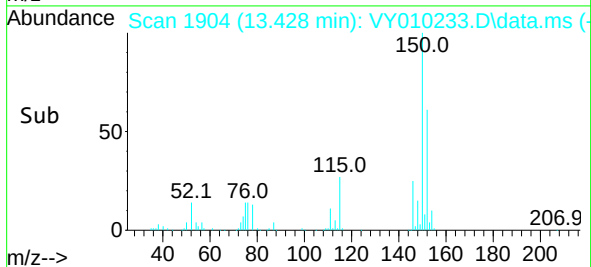
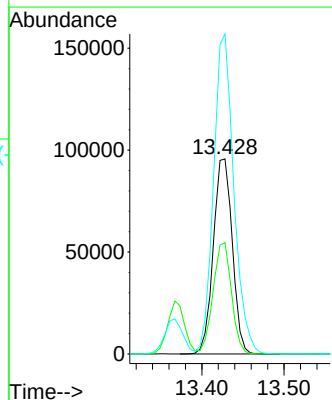
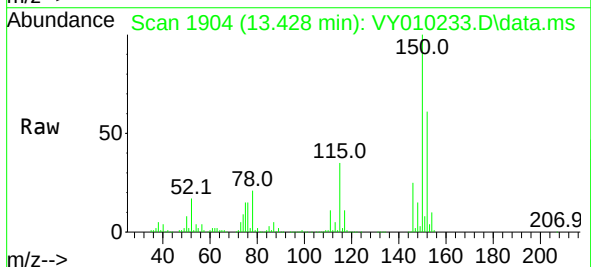
Tgt Ion:152 Resp: 153868

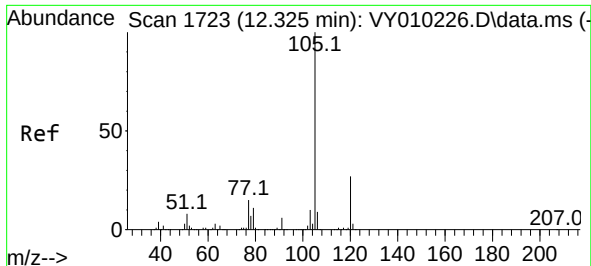
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 175.0 0.0 347.6

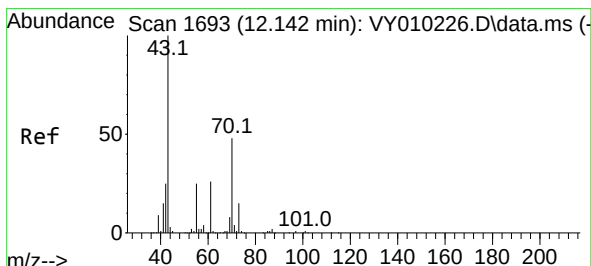
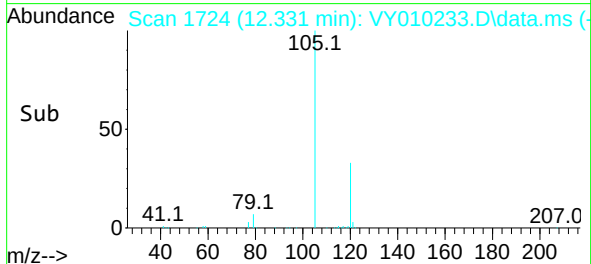
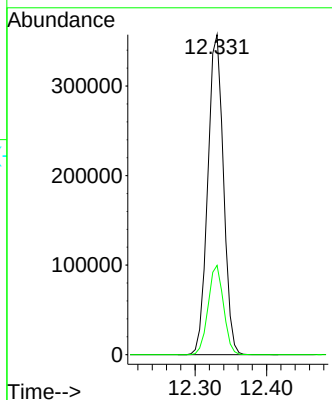
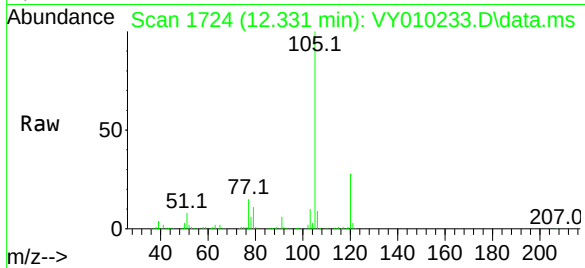




#73
Isopropylbenzene
Concen: 52.172 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

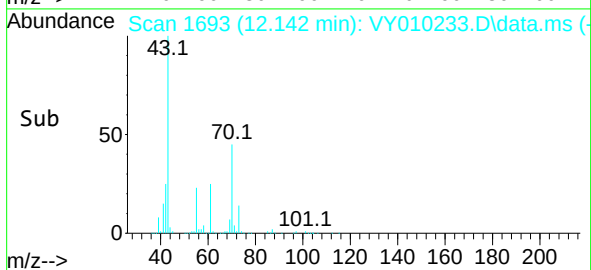
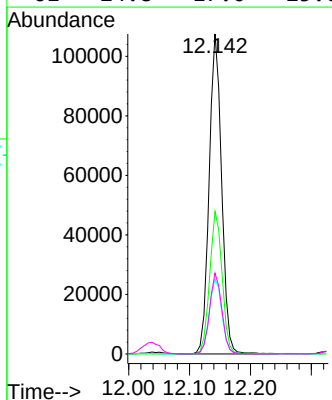
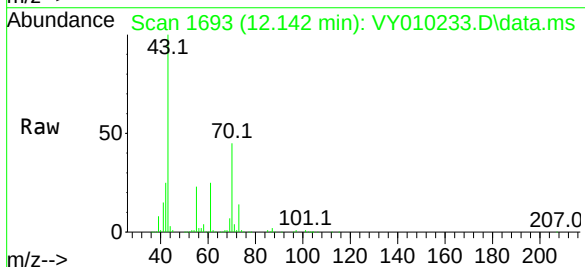
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

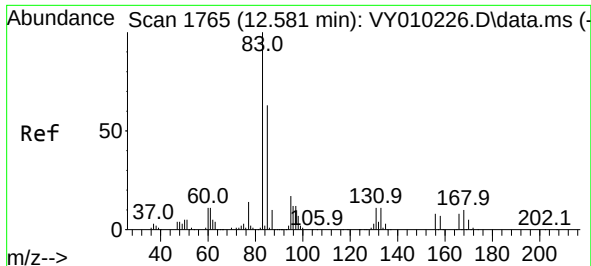
Tgt Ion:105 Resp: 542738
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-amy1 acetate
Concen: 56.531 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 43 Resp: 153100
Ion Ratio Lower Upper
43 100
70 44.6 28.7 43.1#
55 24.1 17.3 25.9
61 24.8 17.0 25.6

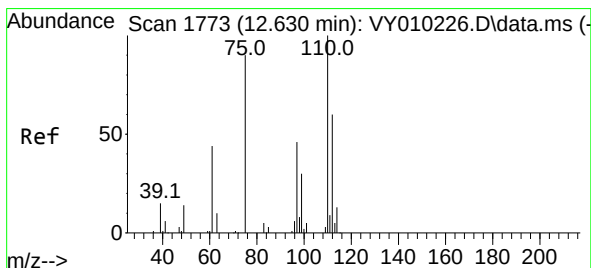
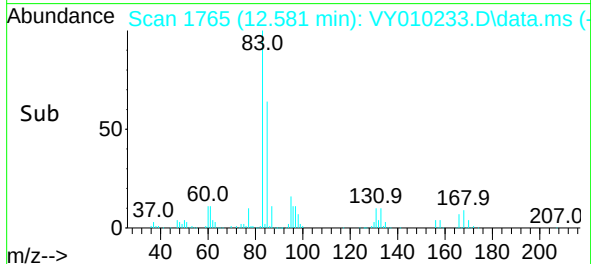
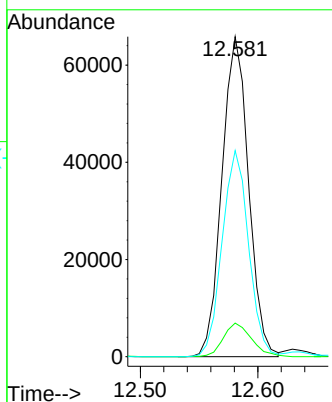
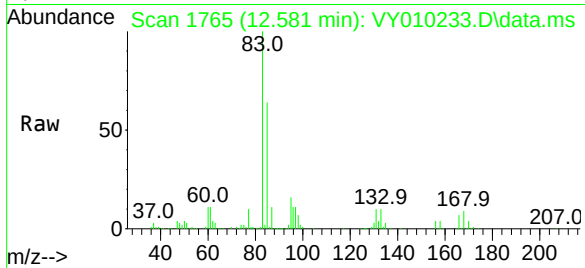




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.085 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

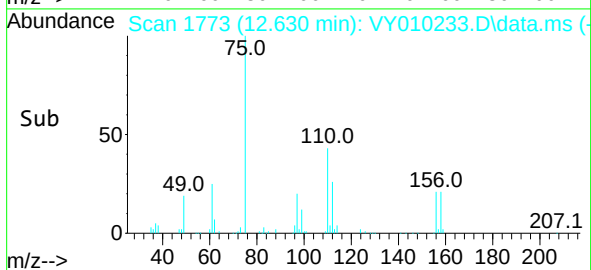
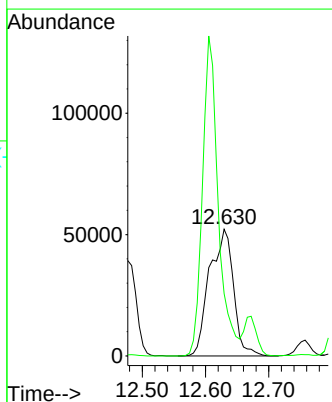
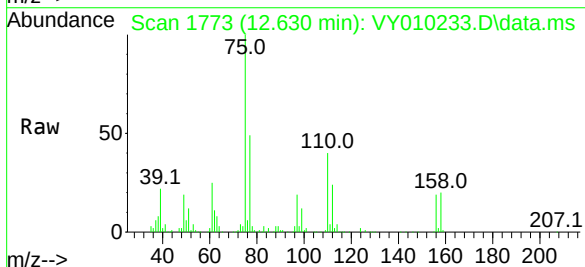
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

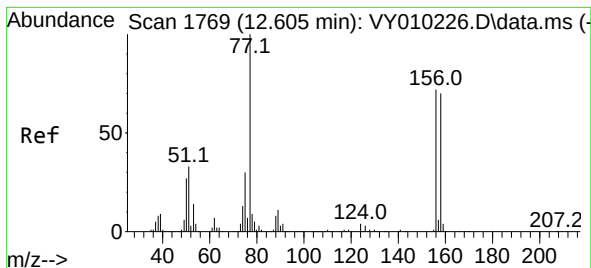
Tgt Ion: 83 Resp: 103519
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 90.931 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

Tgt Ion: 75 Resp: 137577
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.578 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

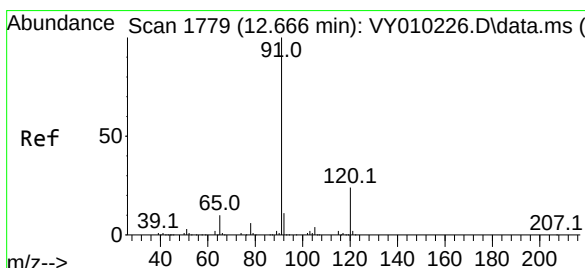
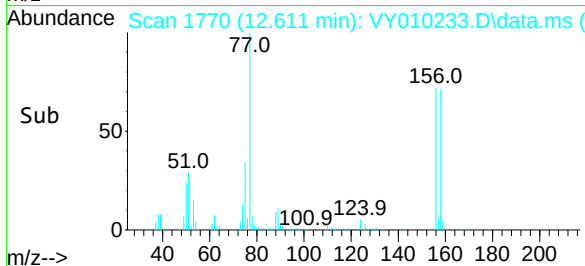
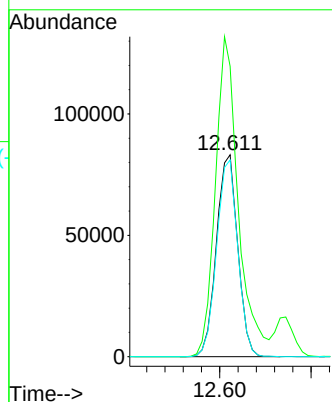
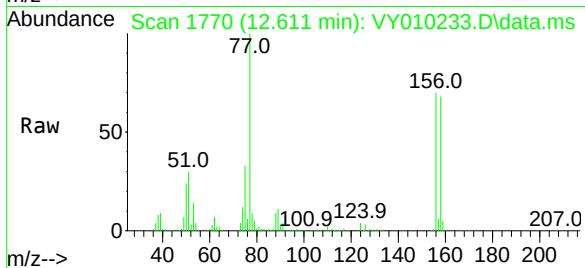
Tgt Ion:156 Resp: 134462

Ion Ratio Lower Upper

156 100

77 170.5 95.5 286.4

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 52.586 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010233.D

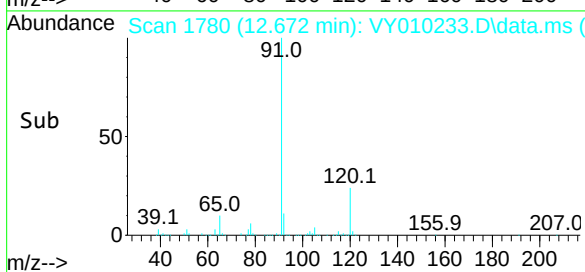
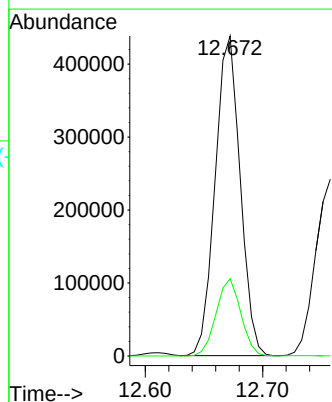
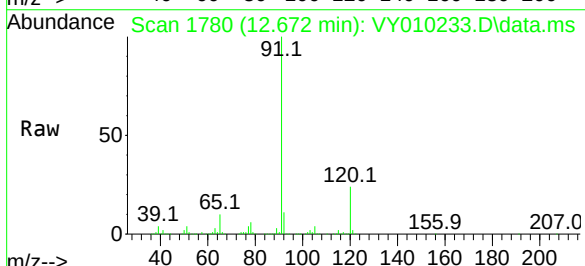
Acq: 31 Aug 2022 09:59

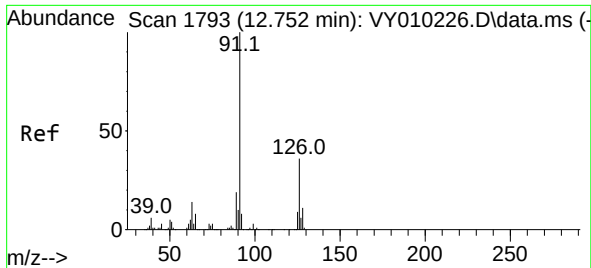
Tgt Ion: 91 Resp: 648839

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

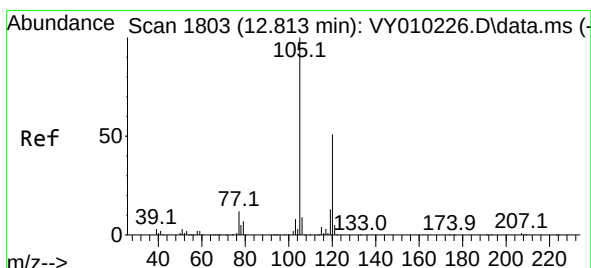
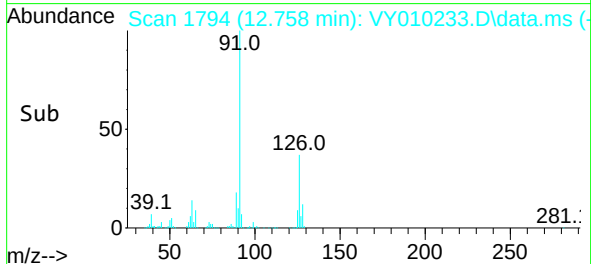
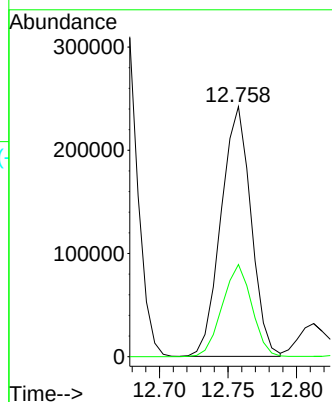
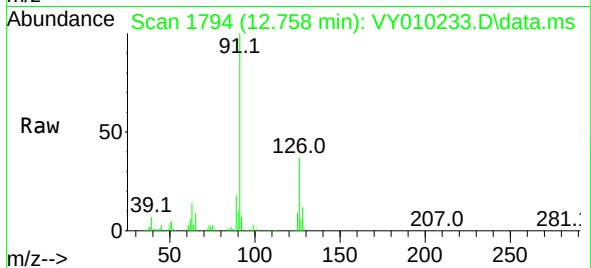




#79
2-Chlorotoluene
Concen: 51.924 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

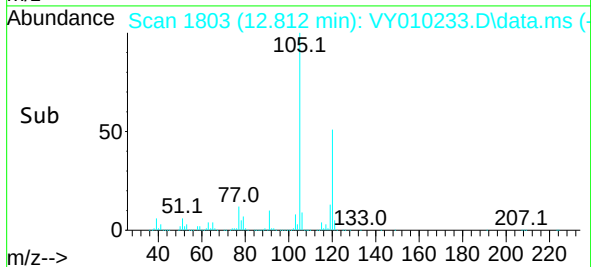
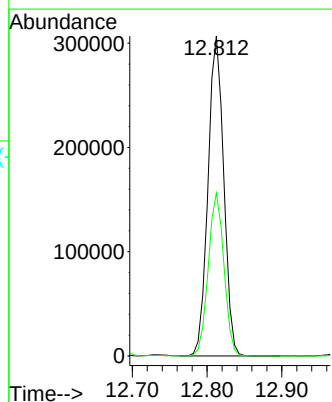
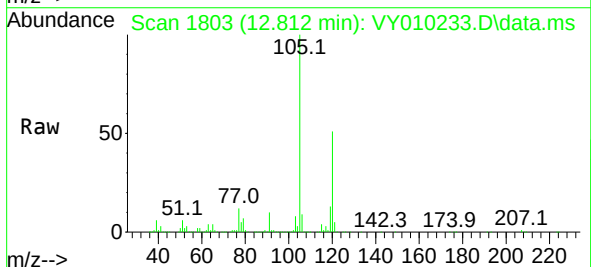
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

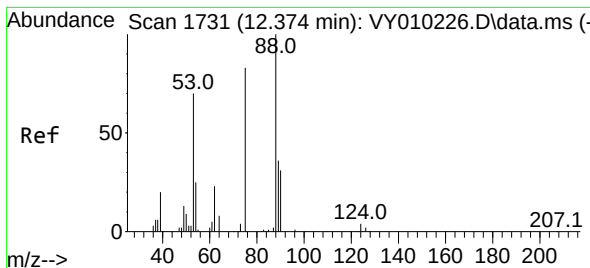
Tgt Ion: 91 Resp: 369574
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.695 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 105 Resp: 447999
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4

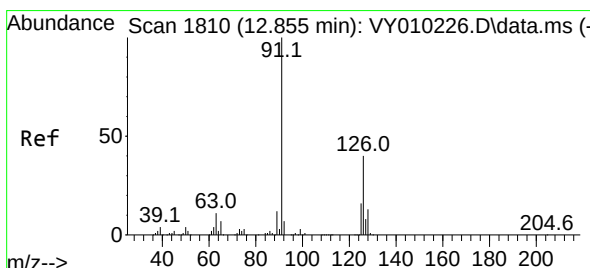
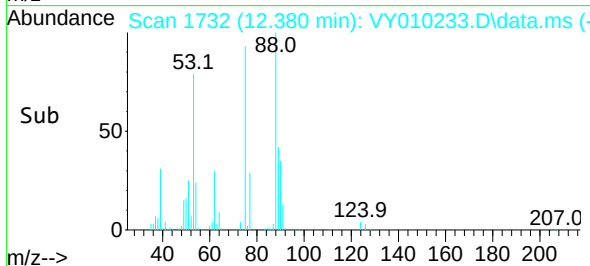
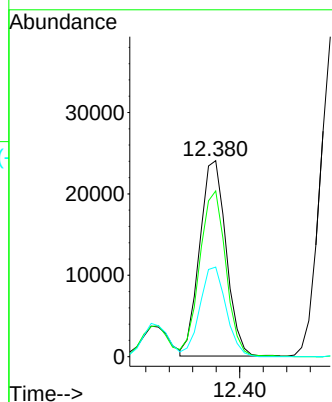
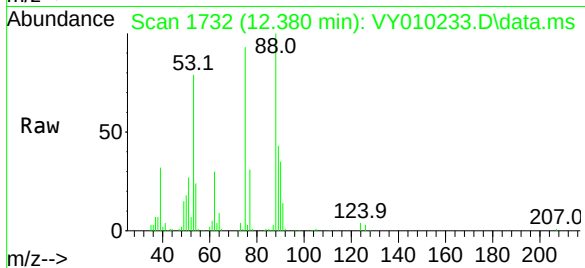




#81
trans-1,4-Dichloro-2-butene
Concen: 51.835 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

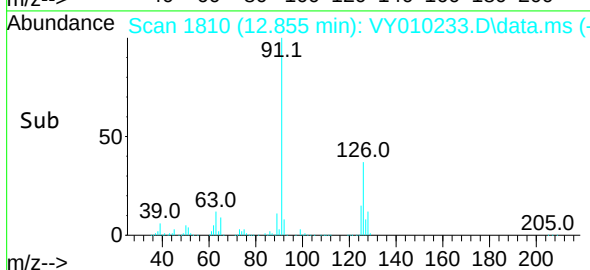
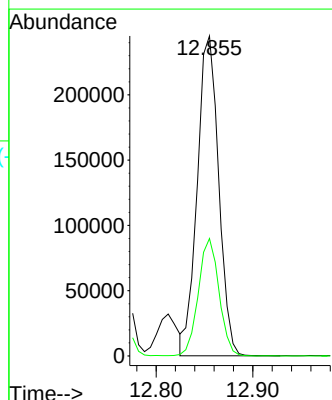
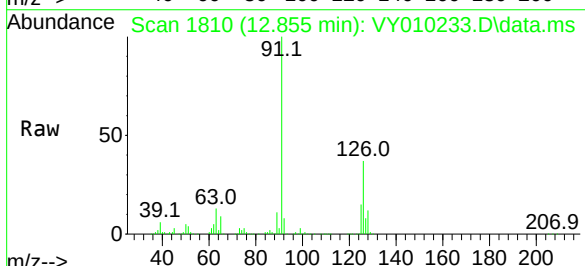
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

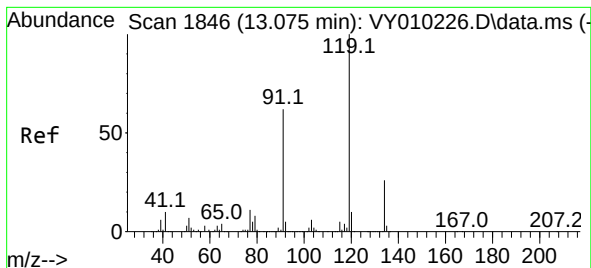
Tgt Ion: 75 Resp: 37590
Ion Ratio Lower Upper
75 100
53 84.2 85.3 127.9#
89 45.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.484 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 91 Resp: 376976
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.953 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

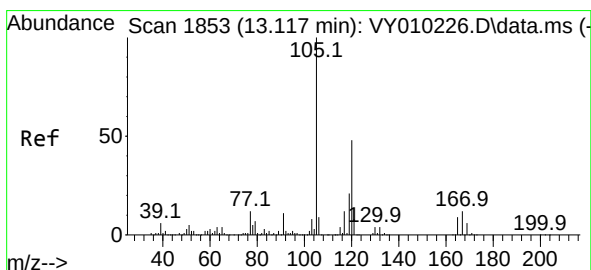
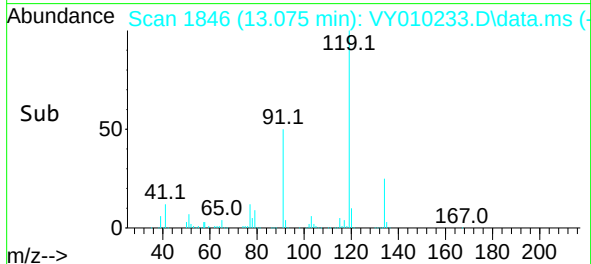
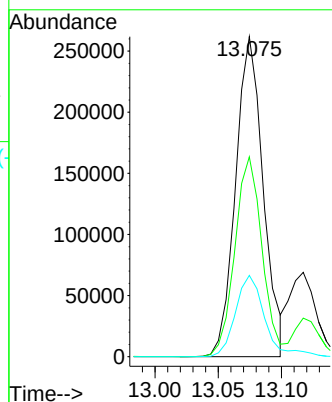
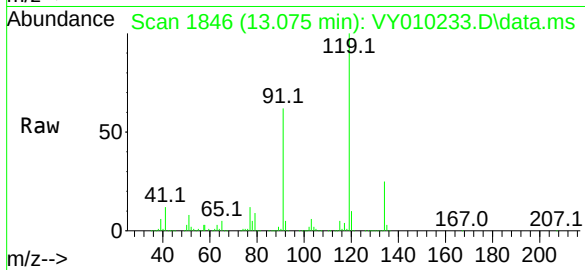
Tgt Ion:119 Resp: 398218

Ion Ratio Lower Upper

119 100

91 61.2 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.544 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY010233.D

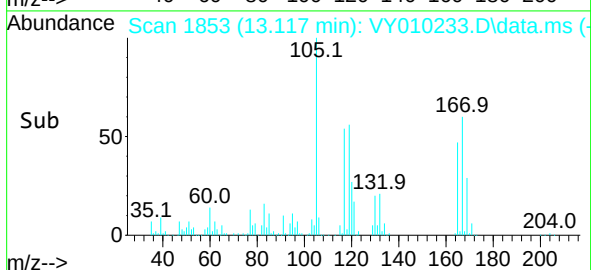
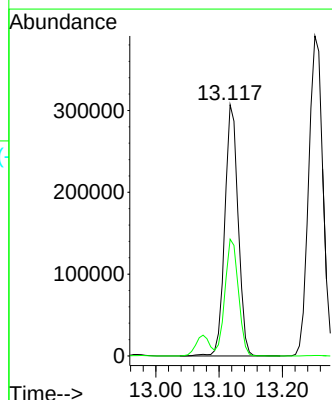
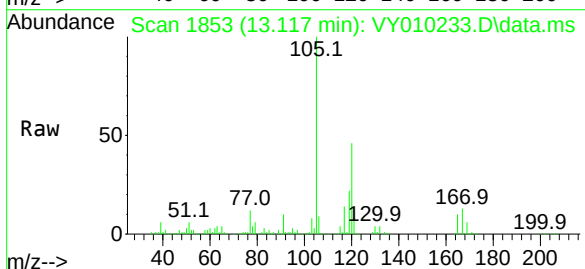
Acq: 31 Aug 2022 09:59

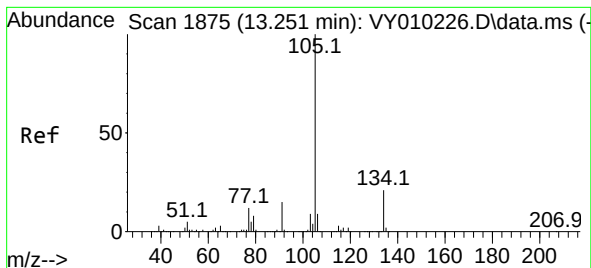
Tgt Ion:105 Resp: 447346

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.547 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

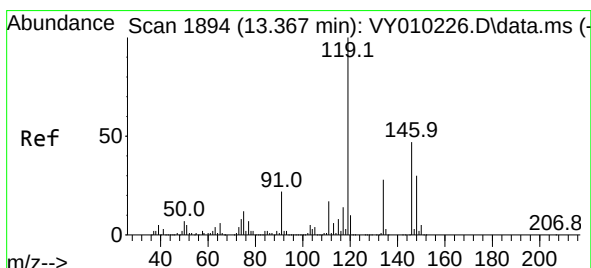
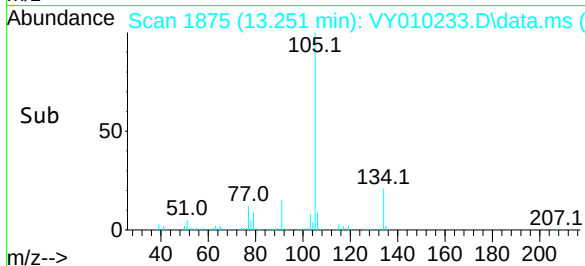
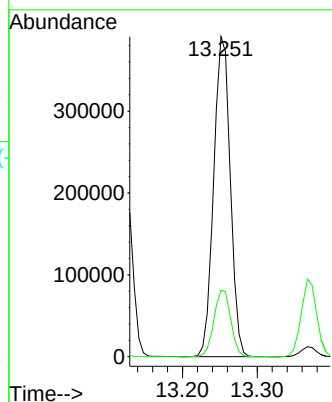
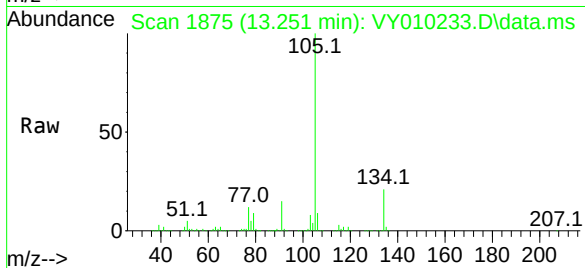
VSTDCCC050

Tgt Ion:105 Resp: 604076

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.261 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

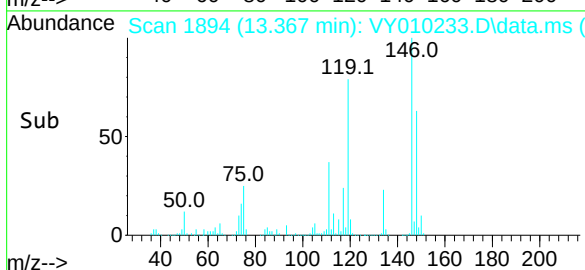
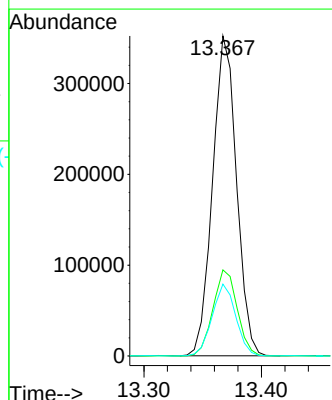
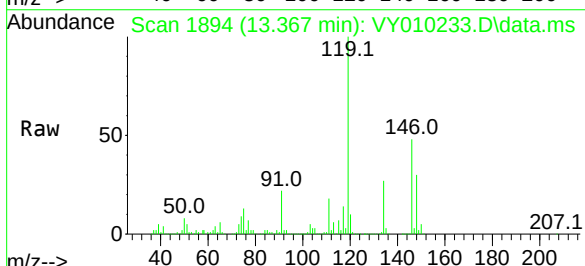
Tgt Ion:119 Resp: 497932

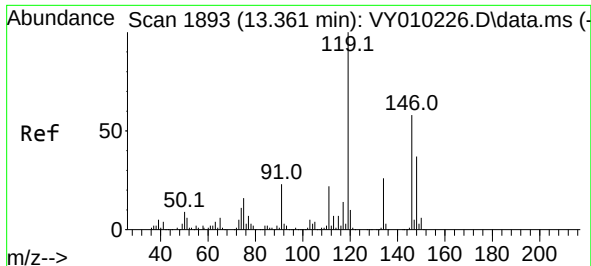
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 22.2 12.4 37.2

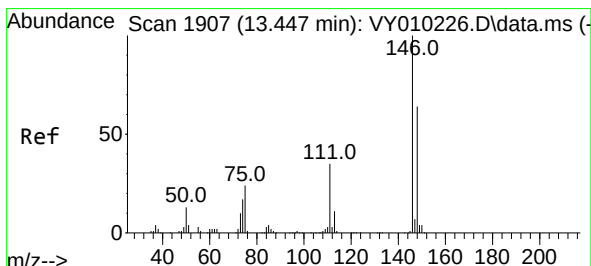
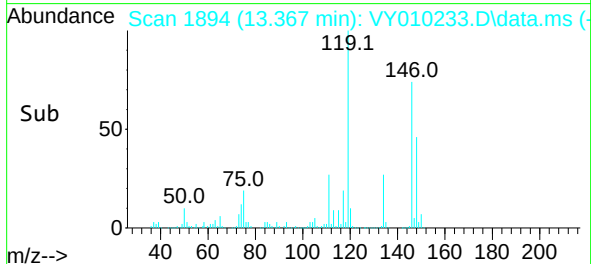
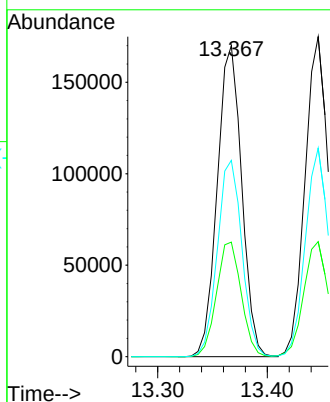
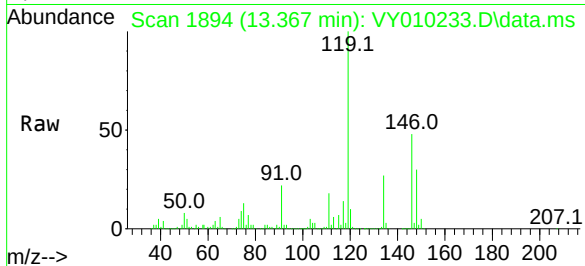




#87
1,3-Dichlorobenzene
Concen: 50.158 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

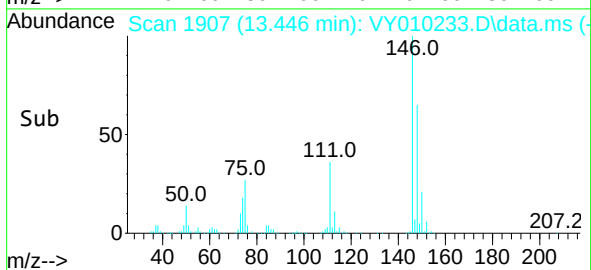
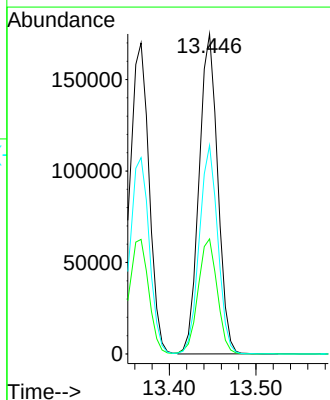
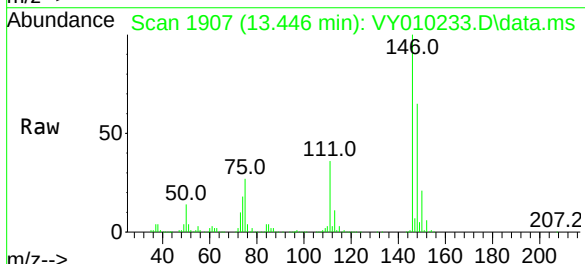
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

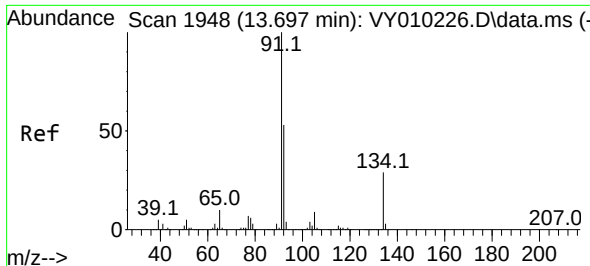
Tgt Ion:146 Resp: 263527
Ion Ratio Lower Upper
146 100
111 37.3 19.5 58.5
148 63.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.506 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:146 Resp: 262060
Ion Ratio Lower Upper
146 100
111 36.9 19.3 57.8
148 64.6 32.6 97.8

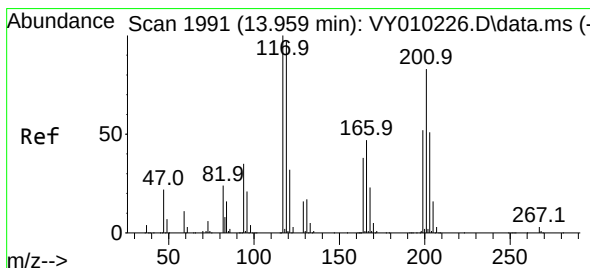
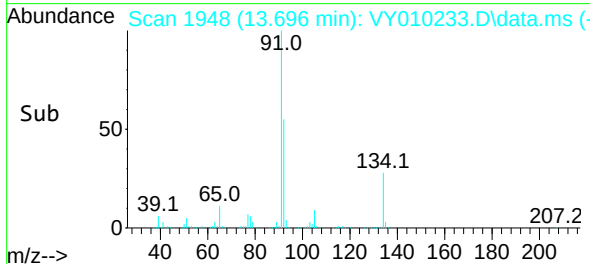
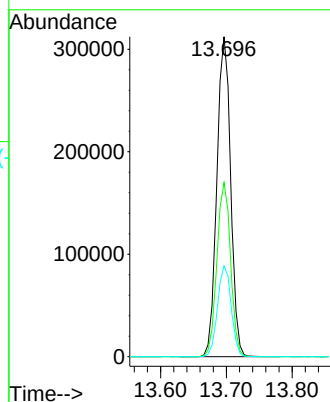
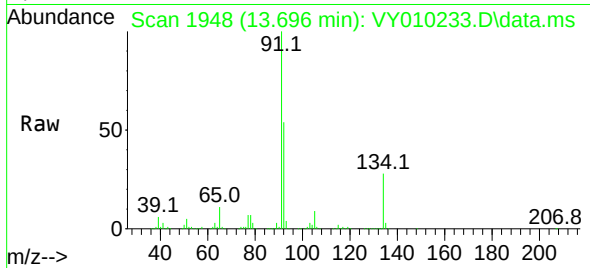




#89
n-Butylbenzene
Concen: 51.535 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

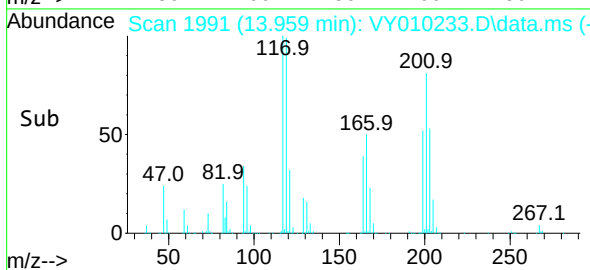
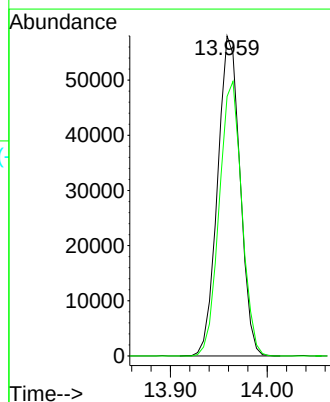
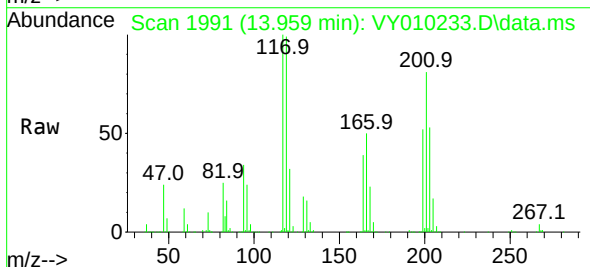
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

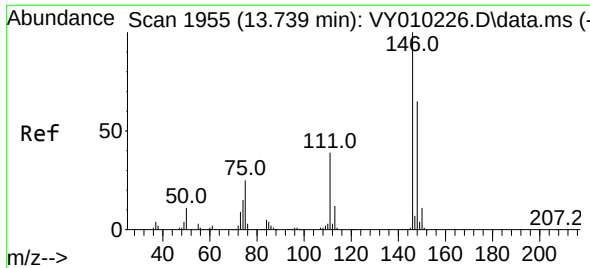
Tgt Ion: 91 Resp: 454571
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 28.2 13.0 38.9



#90
Hexachloroethane
Concen: 48.633 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion: 117 Resp: 93364
Ion Ratio Lower Upper
117 100
201 86.0 43.0 128.8

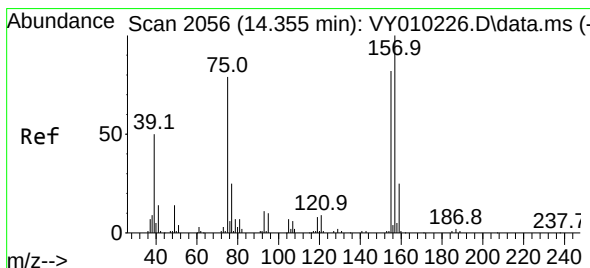
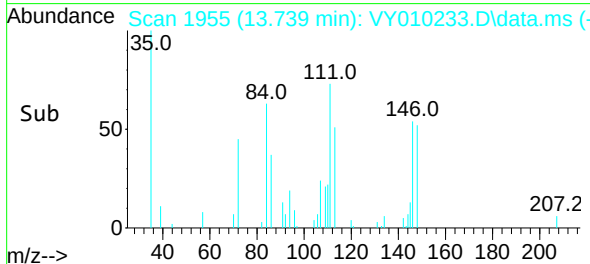
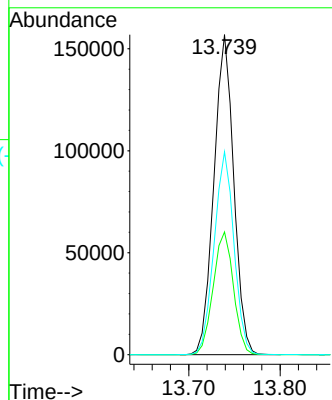
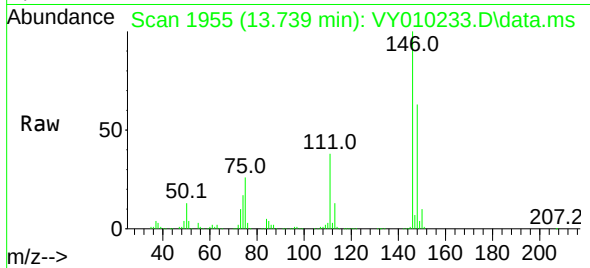




#91
 1,2-Dichlorobenzene
 Concen: 49.857 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

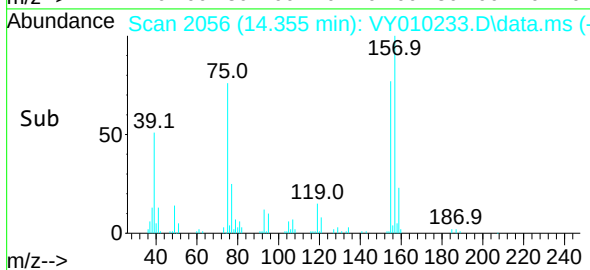
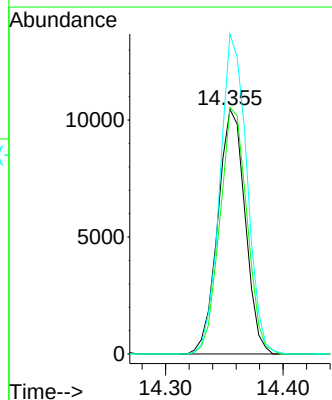
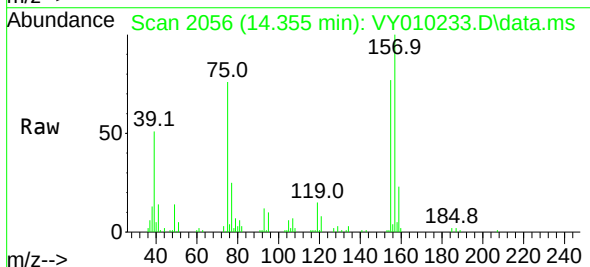
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

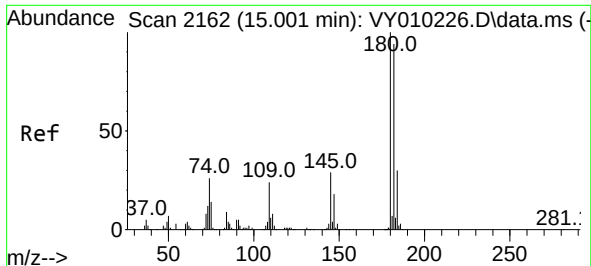
Tgt Ion:146 Resp: 236844
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.9
 148 63.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.028 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY010233.D
 Acq: 31 Aug 2022 09:59

Tgt Ion: 75 Resp: 16874
 Ion Ratio Lower Upper
 75 100
 155 99.8 38.0 113.9
 157 128.7 47.8 143.3

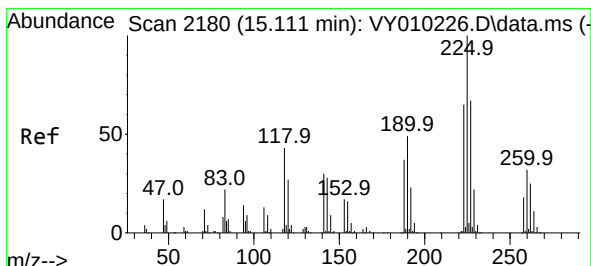
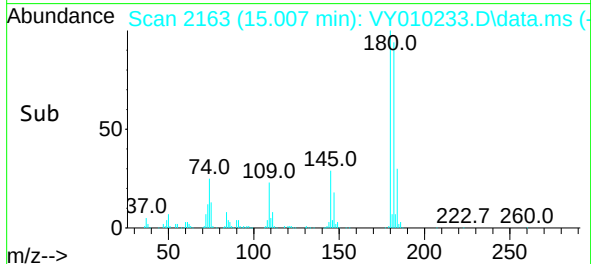
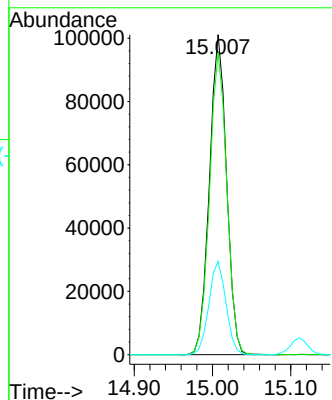
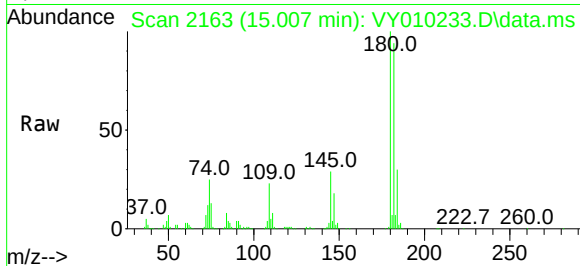




#93
1,2,4-Trichlorobenzene
Concen: 49.126 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

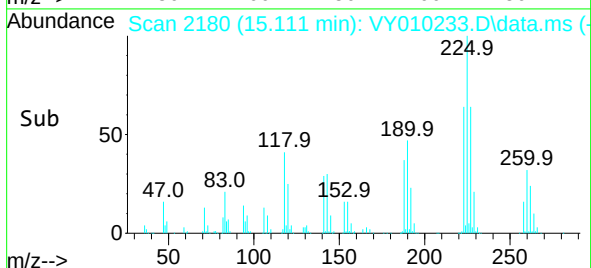
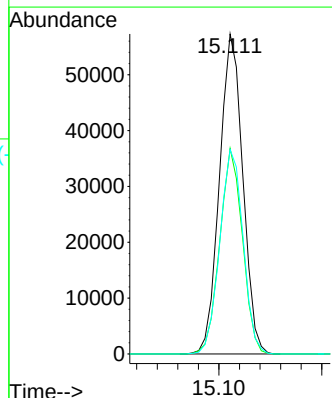
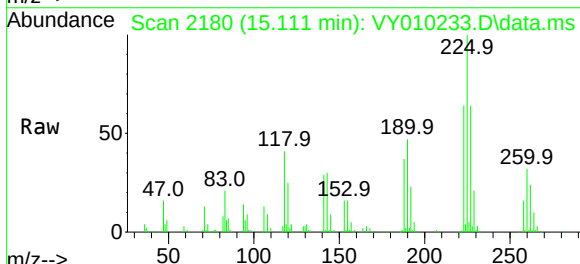
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

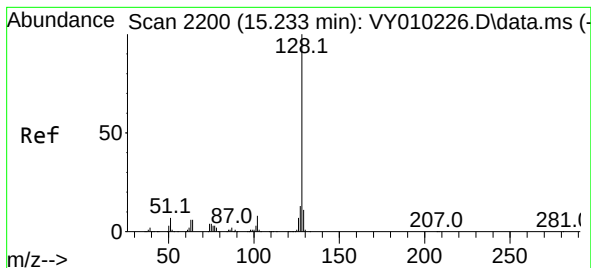
Tgt Ion:180 Resp: 153169
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 29.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 48.796 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010233.D
Acq: 31 Aug 2022 09:59

Tgt Ion:225 Resp: 90115
Ion Ratio Lower Upper
225 100
223 62.6 30.8 92.3
227 63.8 31.6 94.7





#95

Naphthalene

Concen: 48.983 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

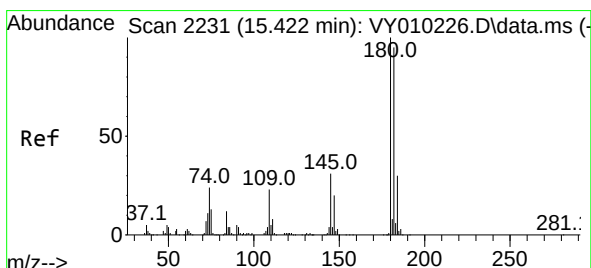
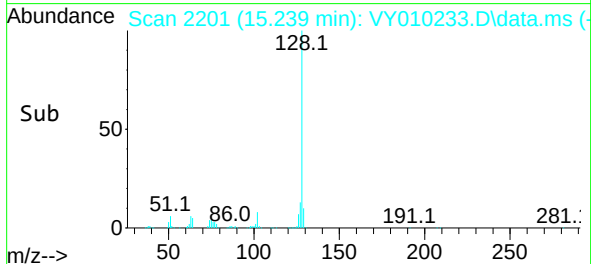
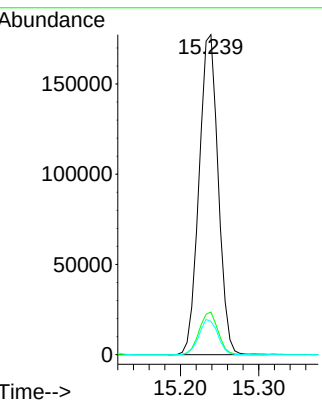
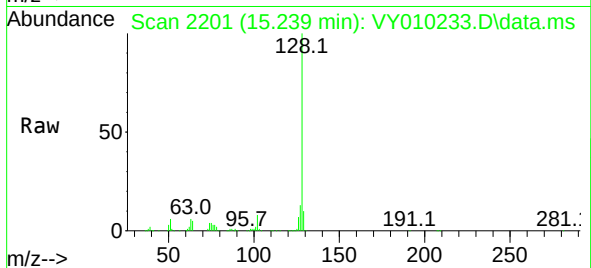
Tgt Ion:128 Resp: 300953

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.203 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010233.D

Acq: 31 Aug 2022 09:59

Tgt Ion:180 Resp: 133355

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 31.0 15.3 45.9

