

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012103.D
 Acq On : 09 Jan 2023 11:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 01:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85047	47.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.780%
35) Dibromofluoromethane	7.722	113	75618	49.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.185	98	288109	47.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.483	95	107071	50.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	62303	49.570	ug/l	98
3) Chloromethane	2.119	50	55576	48.282	ug/l	99
4) Vinyl Chloride	2.253	62	67838	44.167	ug/l	100
5) Bromomethane	2.656	94	51802	51.670	ug/l	100
6) Chloroethane	2.796	64	46608	45.801	ug/l	99
7) Trichlorofluoromethane	3.131	101	144887	47.350	ug/l	99
8) Diethyl Ether	3.534	74	44229	47.211	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	75932	48.196	ug/l	94
10) Methyl Iodide	4.094	142	94694	44.337	ug/l	93
11) Tert butyl alcohol	4.960	59	43895	205.862	ug/l	100
12) 1,1-Dichloroethene	3.875	96	71470	46.272	ug/l	97
13) Acrolein	3.729	56	19245	204.011	ug/l	100
14) Allyl chloride	4.485	41	95960	46.087	ug/l #	88
15) Acrylonitrile	5.167	53	106394	241.717	ug/l	99
16) Acetone	3.954	43	106129	254.059	ug/l	98
17) Carbon Disulfide	4.198	76	178539	47.727	ug/l	100
18) Methyl Acetate	4.478	43	53702	44.691	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	225865	49.683	ug/l	95
20) Methylene Chloride	4.722	84	92672	52.807	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	80907	47.339	ug/l	90
22) Diisopropyl ether	6.118	45	213396	49.821	ug/l #	90
23) Vinyl Acetate	6.064	43	648644	250.255	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	138007	48.439	ug/l	97
25) 2-Butanone	6.990	43	131911	239.342	ug/l	93
26) 2,2-Dichloropropane	6.984	77	148652	48.365	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	94519	48.420	ug/l	96
28) Bromochloromethane	7.338	49	34316	47.642	ug/l #	82
29) Tetrahydrofuran	7.350	42	77611	241.247	ug/l	87
30) Chloroform	7.508	83	162299	49.974	ug/l	97
31) Cyclohexane	7.789	56	110264	49.100	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	158913	50.378	ug/l	98
36) 1,1-Dichloropropene	7.923	75	112782	48.280	ug/l	98
37) Ethyl Acetate	7.076	43	54595	43.649	ug/l #	95
38) Carbon Tetrachloride	7.905	117	148972	50.244	ug/l	96
39) Methylcyclohexane	9.185	83	131887	47.262	ug/l	93
40) Benzene	8.161	78	328445	48.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	76609	112.616	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	110134	51.104	ug/l	98
43) Isopropyl Acetate	8.270	43	103713	49.478	ug/l	96
44) Trichloroethene	8.941	130	96384	48.493	ug/l	97
45) 1,2-Dichloropropane	9.222	63	73751	48.627	ug/l	96
46) Dibromomethane	9.307	93	48464	50.759	ug/l	99
47) Bromodichloromethane	9.496	83	125151	51.550	ug/l	100
48) Methyl methacrylate	9.295	41	46396	49.413	ug/l	89
49) 1,4-Dioxane	9.295	88	12889	974.844	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	278881	250.038	ug/l	96
52) Toluene	10.246	92	220659	48.973	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	127229	50.376	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	136219	49.855	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	70321	50.994	ug/l	97
56) Ethyl methacrylate	10.514	69	92819	51.381	ug/l	95
57) 1,3-Dichloropropane	10.794	76	114690	50.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	164012	248.217	ug/l	92
59) 2-Hexanone	10.831	43	204925	261.657	ug/l	97
60) Dibromochloromethane	10.990	129	93634	51.497	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64223	48.659	ug/l	99
64) Tetrachloroethene	10.721	164	102983	48.804	ug/l	98
65) Chlorobenzene	11.520	112	239623	48.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	96081	50.587	ug/l	98
67) Ethyl Benzene	11.593	91	437140	49.714	ug/l	99
68) m/p-Xylenes	11.703	106	343536	99.611	ug/l	100
69) o-Xylene	12.032	106	163432	49.769	ug/l	100
70) Styrene	12.044	104	283443	50.814	ug/l	99
71) Bromoform	12.209	173	62340	51.658	ug/l #	99
73) Isopropylbenzene	12.331	105	451108	49.655	ug/l	99
74) N-amyl acetate	12.148	43	93021	49.597	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	75625	49.486	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	110341	84.170	ug/l #	100
77) Bromobenzene	12.611	156	104771	48.354	ug/l	94
78) n-propylbenzene	12.672	91	526422	49.637	ug/l	99
79) 2-Chlorotoluene	12.757	91	296943	48.948	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	390232	50.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	28461	48.216	ug/l	95
82) 4-Chlorotoluene	12.855	91	307747	48.501	ug/l	98
83) tert-Butylbenzene	13.081	119	349096	51.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	388994	50.433	ug/l	97
85) sec-Butylbenzene	13.257	105	487818	49.712	ug/l	98
86) p-Isopropyltoluene	13.373	119	428005	50.345	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	211158	48.616	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	209447	48.273	ug/l	99
89) n-Butylbenzene	13.696	91	375031	50.905	ug/l	98
90) Hexachloroethane	13.965	117	78693	49.894	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	187592	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15073	49.626	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	120374	49.898	ug/l	99
94) Hexachlorobutadiene	15.117	225	74571	51.232	ug/l	99
95) Naphthalene	15.239	128	245986	51.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105653	50.373	ug/l	99

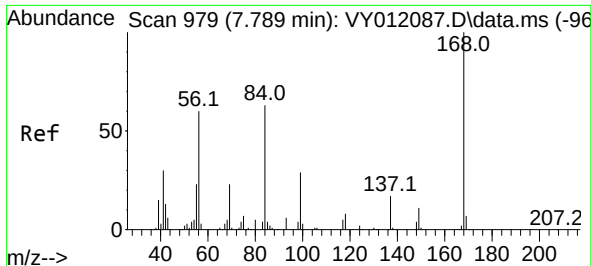
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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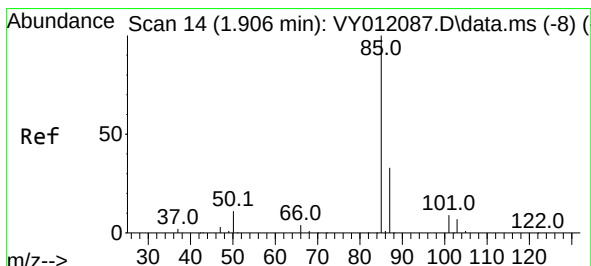
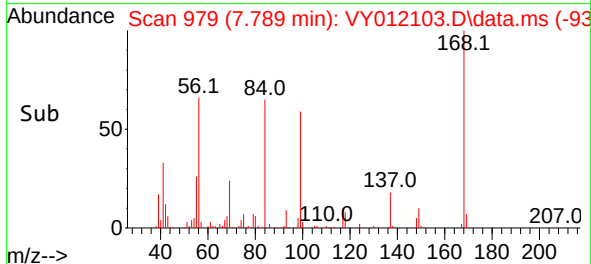
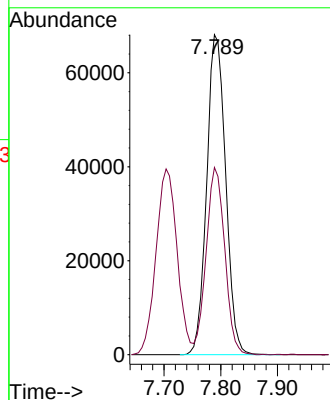
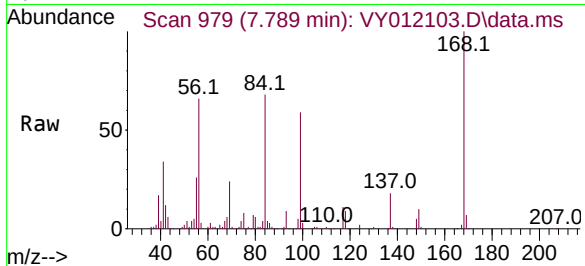
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012103.D
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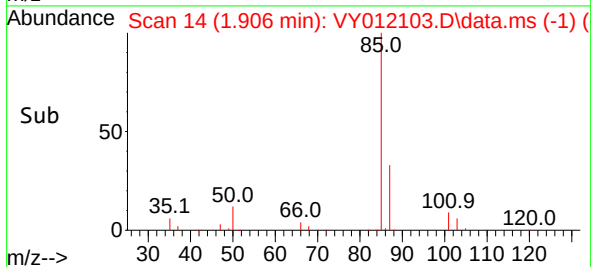
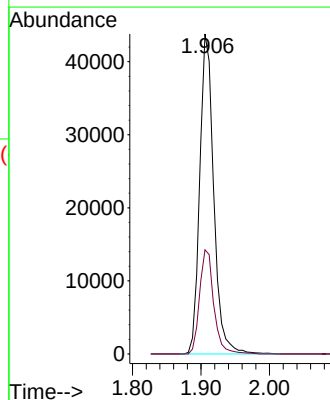
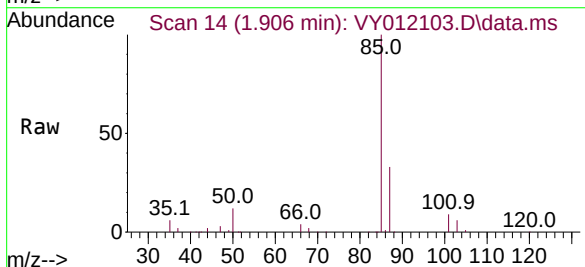
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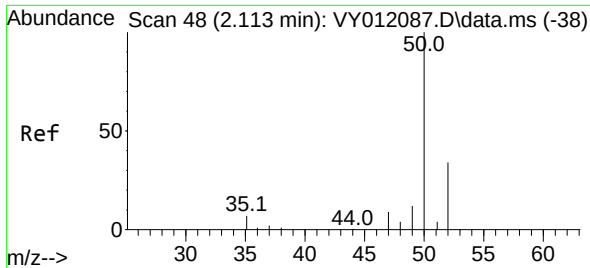
Tgt Ion:168 Resp: 158036
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 49.570 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 85 Resp: 62303
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4

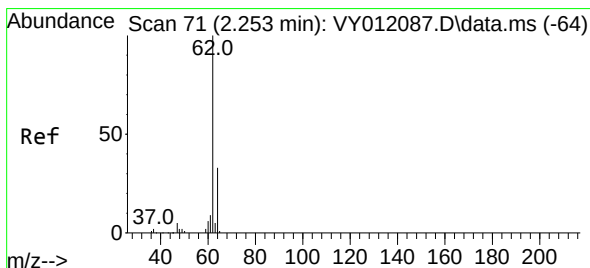
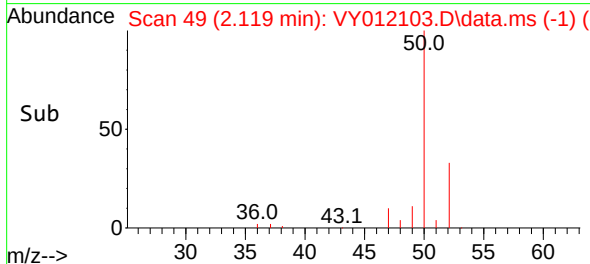
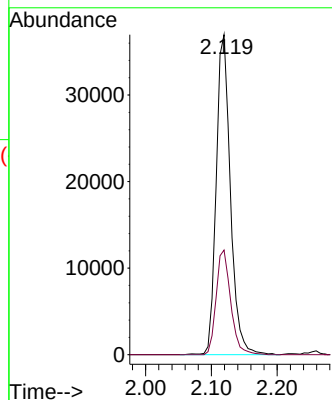
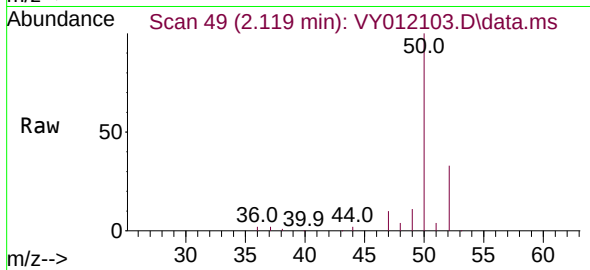




#3
Chloromethane
Concen: 48.282 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

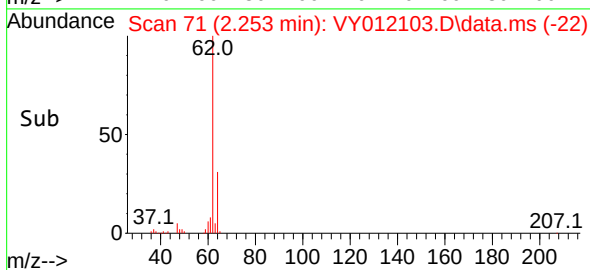
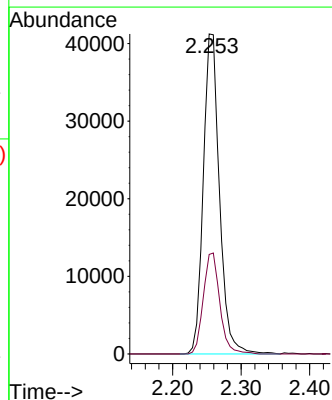
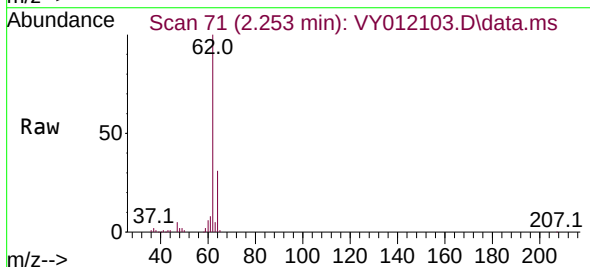
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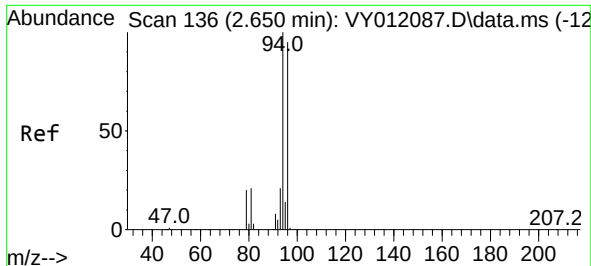
Tgt Ion: 50 Resp: 55576
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2



#4
Vinyl Chloride
Concen: 44.167 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 62 Resp: 67838
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

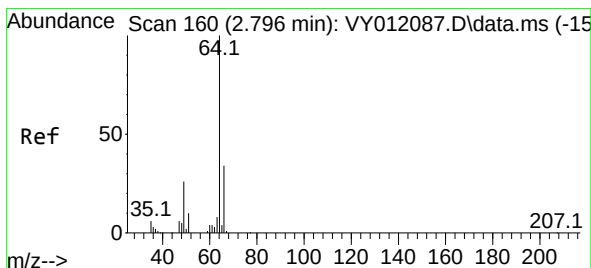
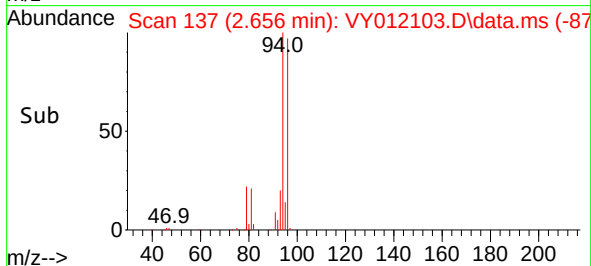
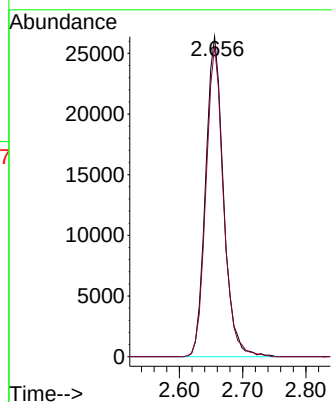
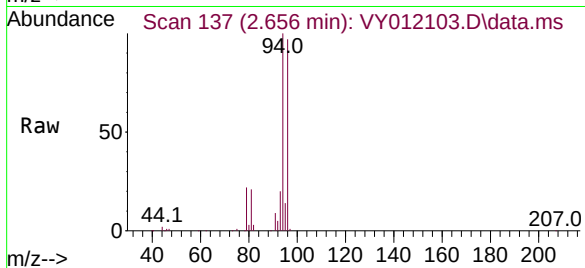




#5
Bromomethane
Concen: 51.670 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

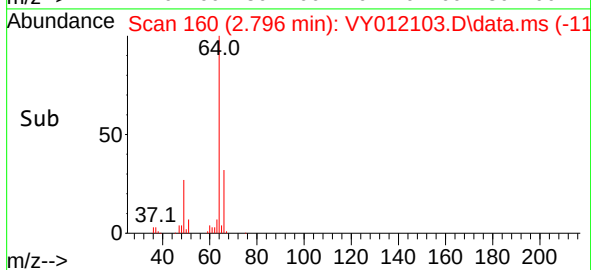
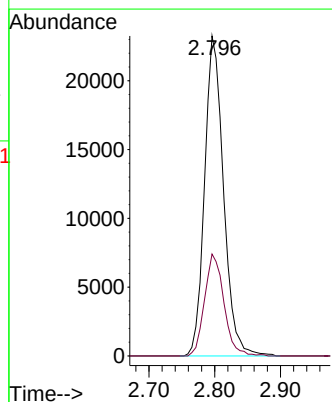
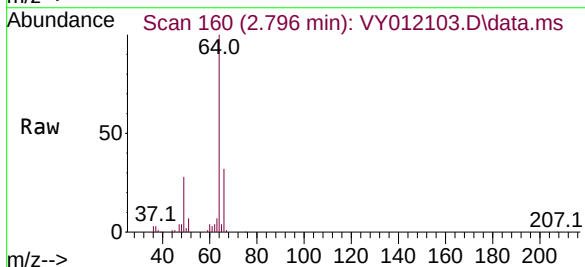
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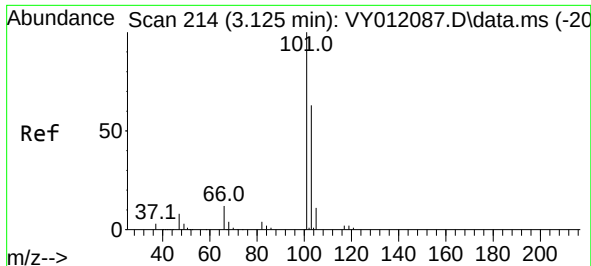
Tgt Ion: 94 Resp: 51802
Ion Ratio Lower Upper
94 100
96 97.1 77.4 116.2



#6
Chloroethane
Concen: 45.801 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 64 Resp: 46608
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4

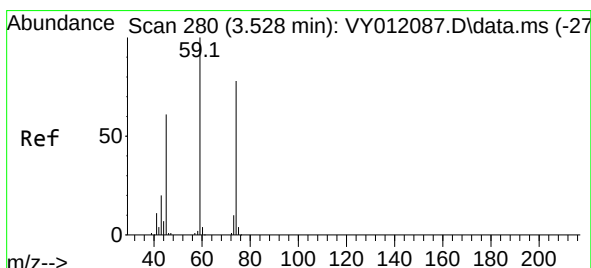
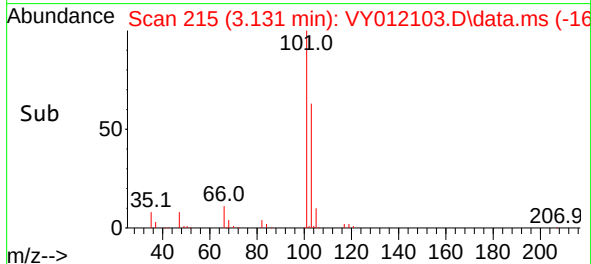
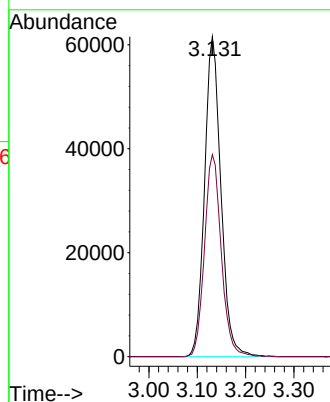
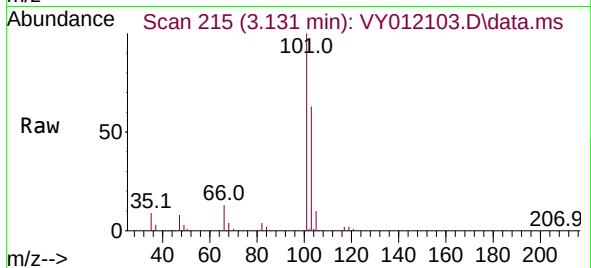




#7
Trichlorofluoromethane
Concen: 47.350 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
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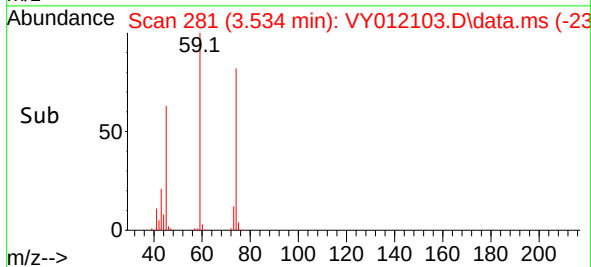
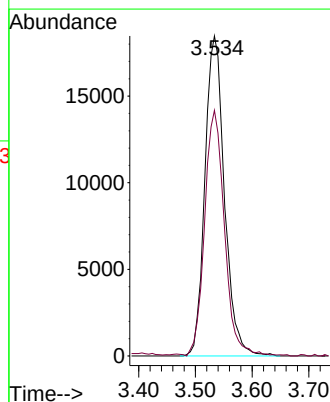
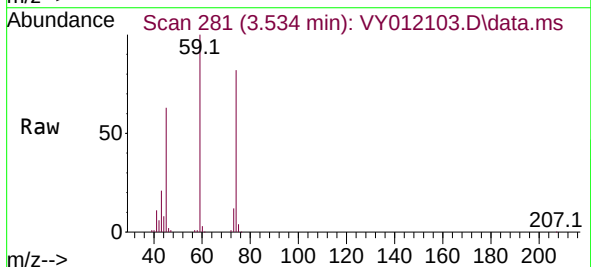
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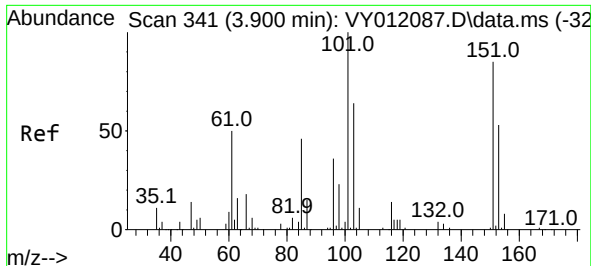
Tgt Ion:101 Resp: 144887
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.6



#8
Diethyl Ether
Concen: 47.211 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 74 Resp: 44229
Ion Ratio Lower Upper
74 100
45 76.6 46.8 140.3

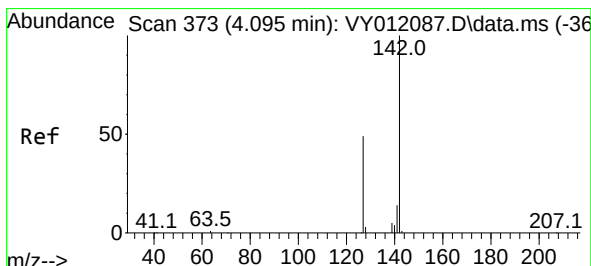
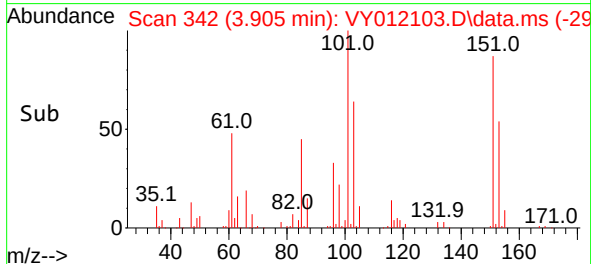
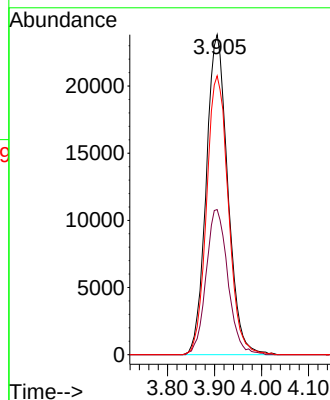
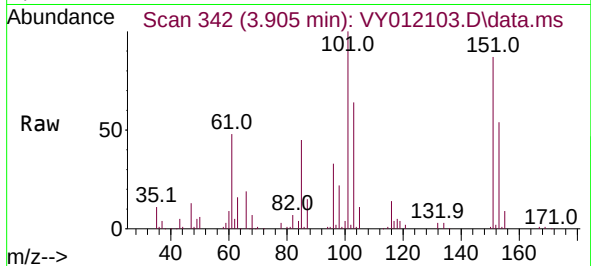




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.196 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012103.D
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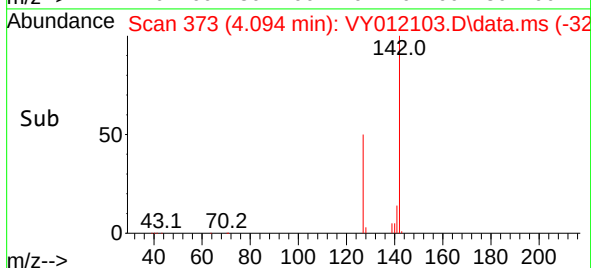
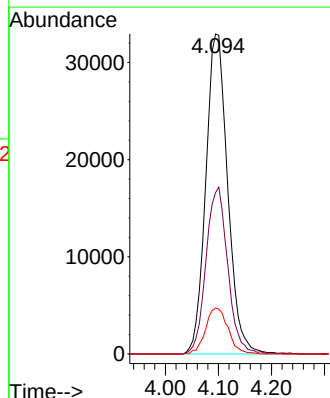
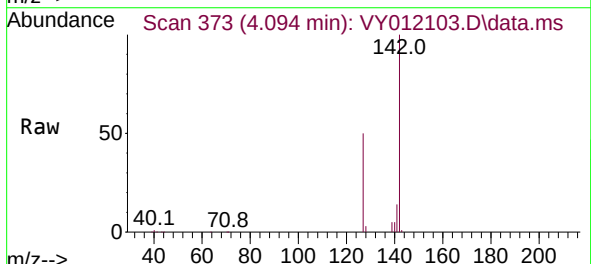
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ClientSampleId :
VSTDCCC050

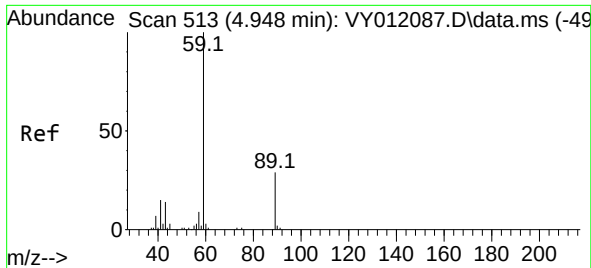
Tgt Ion:101 Resp: 75932
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.2
151 87.8 64.2 96.2



#10
Methyl Iodide
Concen: 44.337 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:142 Resp: 94694
Ion Ratio Lower Upper
142 100
127 51.7 37.0 55.4
141 14.7 11.4 17.0

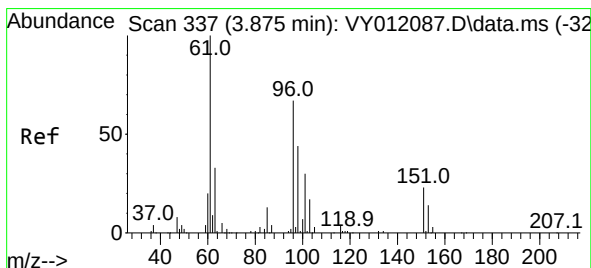
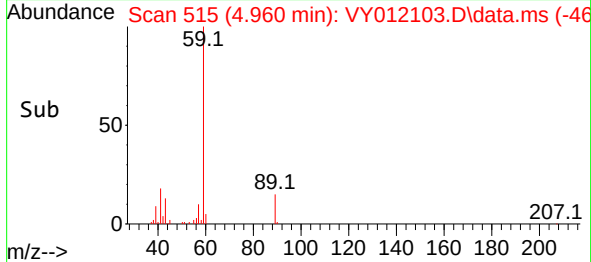
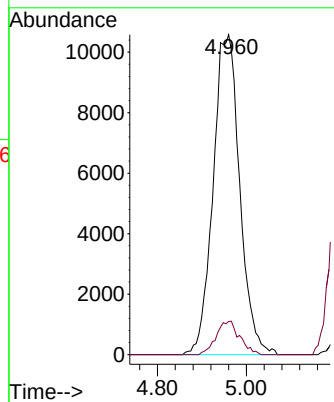
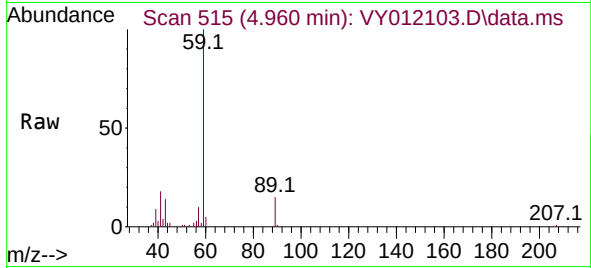




#11
Tert butyl alcohol
Concen: 205.862 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

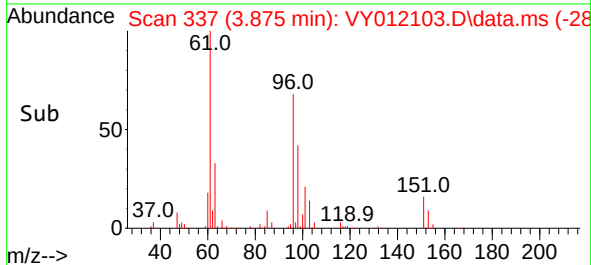
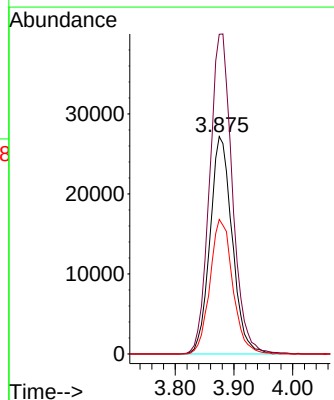
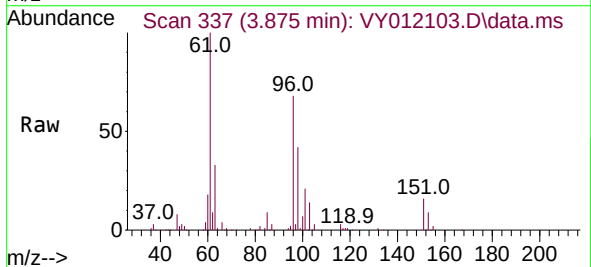
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

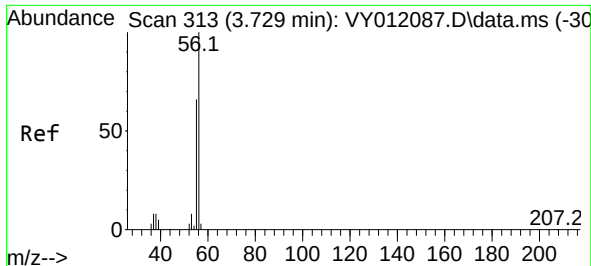
Tgt Ion: 59 Resp: 43895
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 46.272 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 96 Resp: 71470
Ion Ratio Lower Upper
96 100
61 147.1 122.0 183.0
98 61.9 48.6 73.0

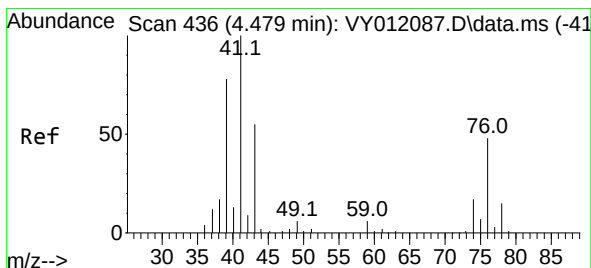
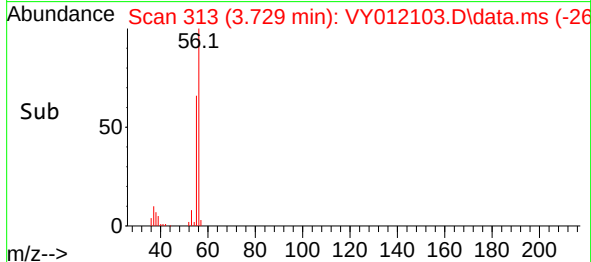
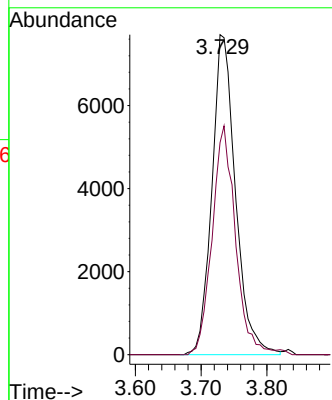
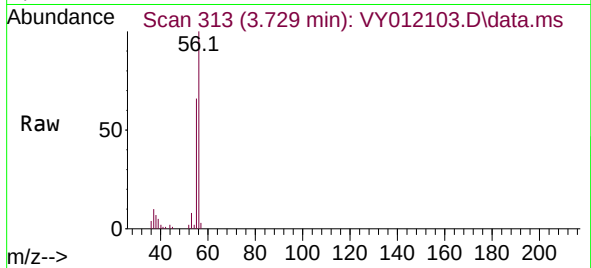




#13
Acrolein
Concen: 204.011 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

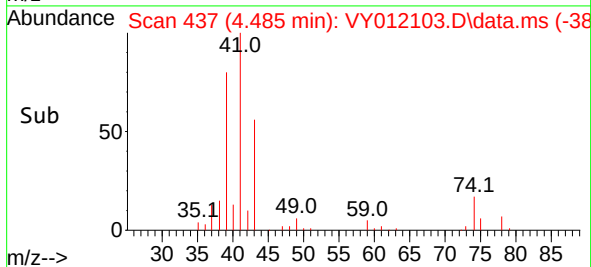
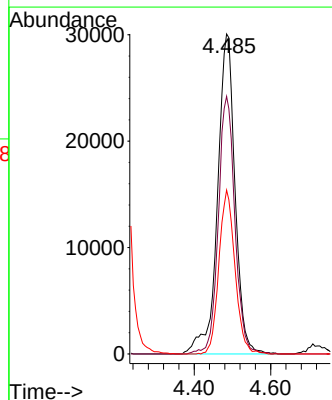
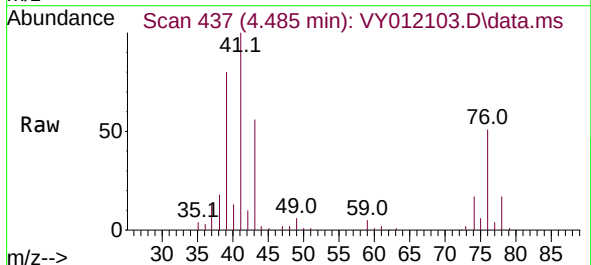
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

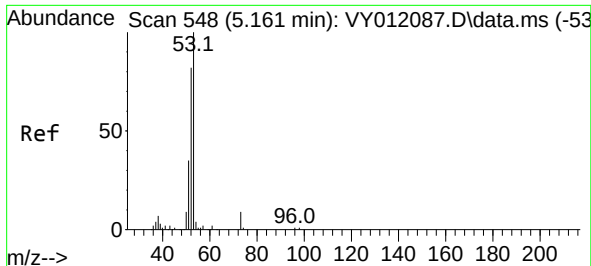
Tgt Ion: 56 Resp: 19245
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 46.087 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 41 Resp: 95960
Ion Ratio Lower Upper
41 100
39 76.1 53.5 80.3
76 46.8 31.1 46.7#

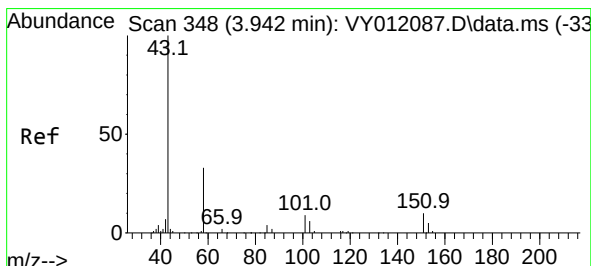
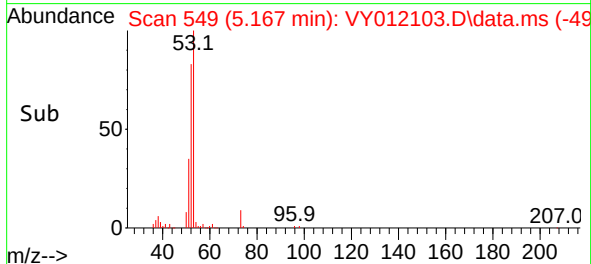
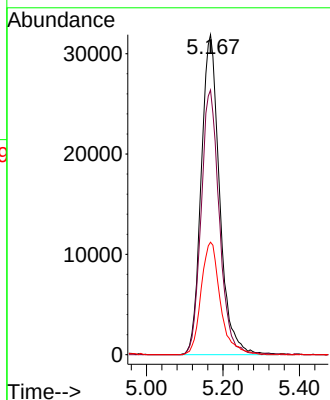
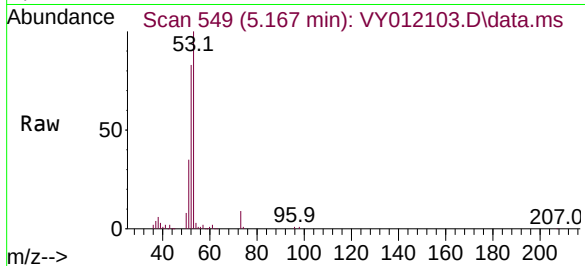




#15
Acrylonitrile
Concen: 241.717 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

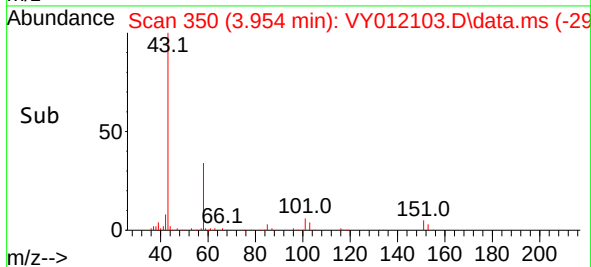
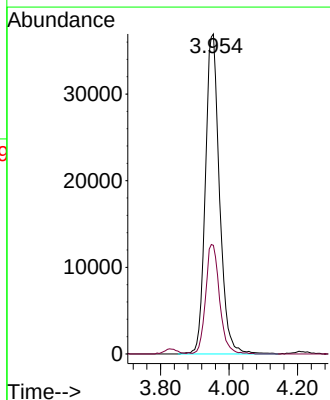
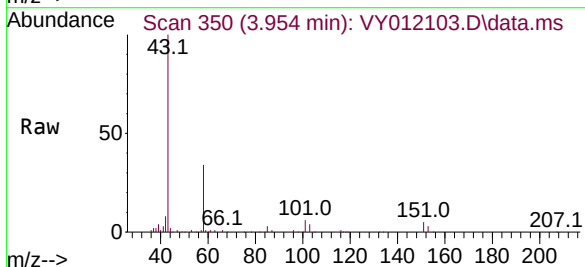
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

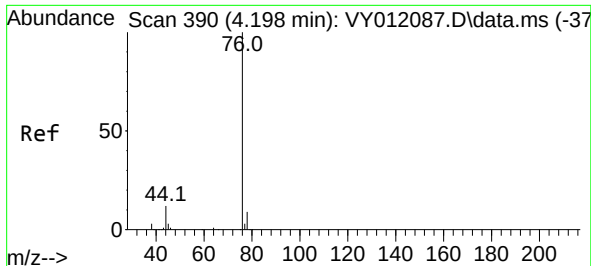
Tgt Ion: 53 Resp: 106394
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 36.9 28.7 43.1



#16
Acetone
Concen: 254.059 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 43 Resp: 106129
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9

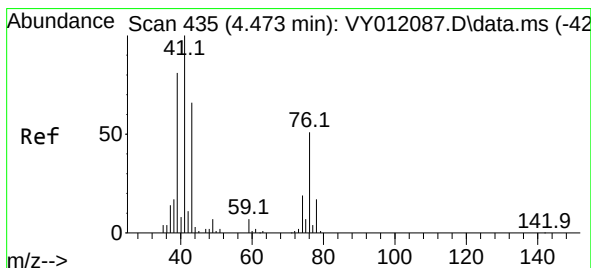
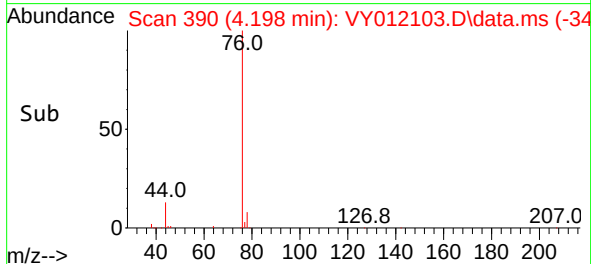
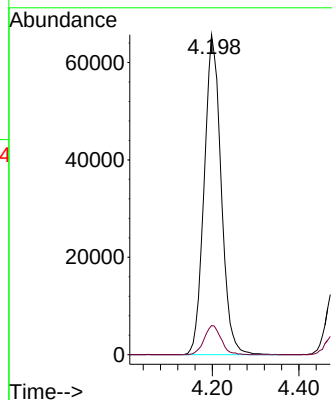
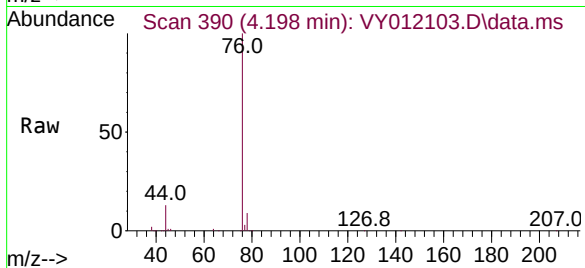




#17
Carbon Disulfide
Concen: 47.727 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

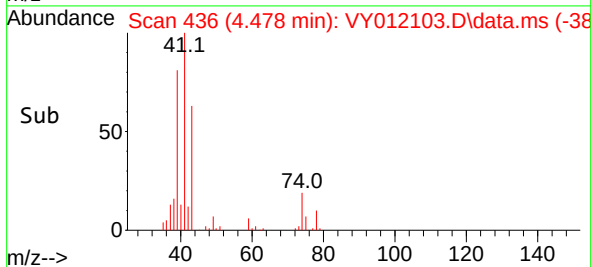
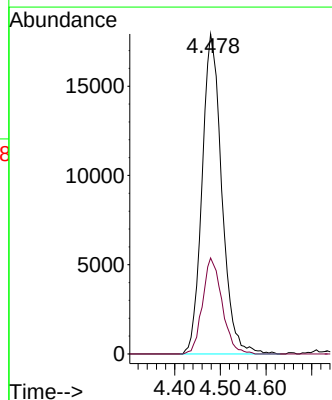
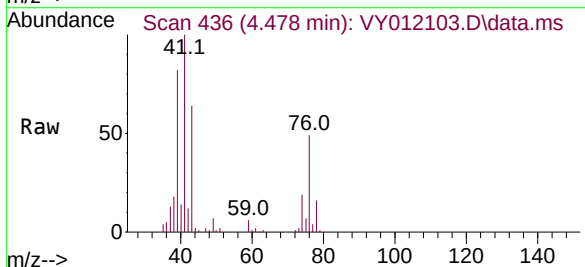
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

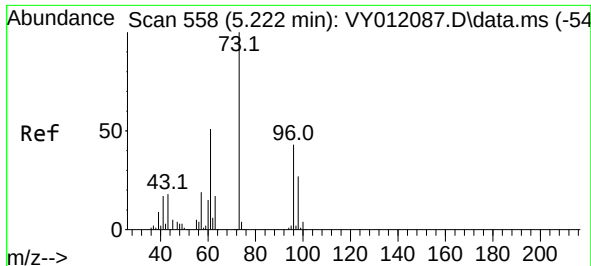
Tgt Ion: 76 Resp: 178539
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 44.691 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 43 Resp: 53702
Ion Ratio Lower Upper
43 100
74 29.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 49.683 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

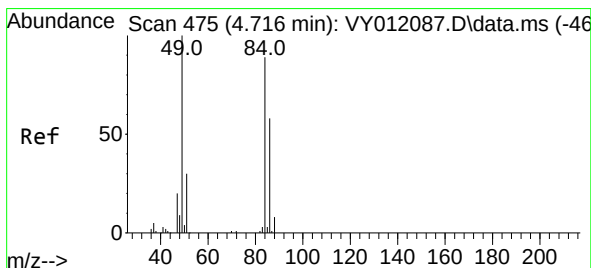
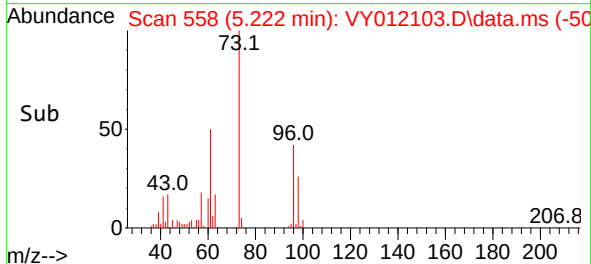
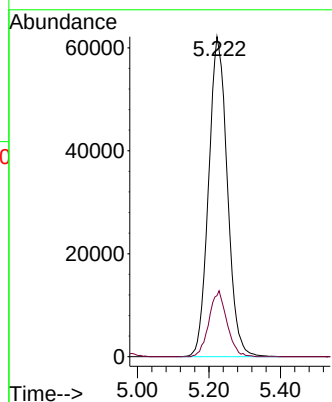
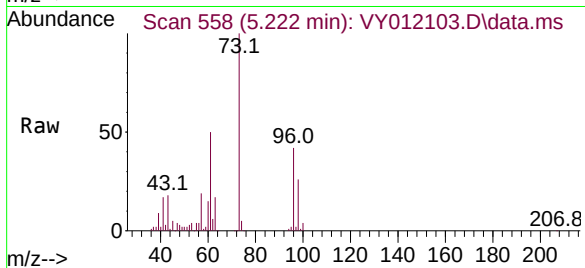
VSTDCCC050

Tgt Ion: 73 Resp: 225865

Ion Ratio Lower Upper

73 100

57 19.1 17.4 26.0



#20

Methylene Chloride

Concen: 52.807 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Tgt Ion: 84 Resp: 92672

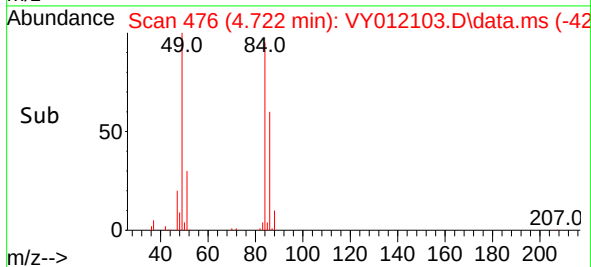
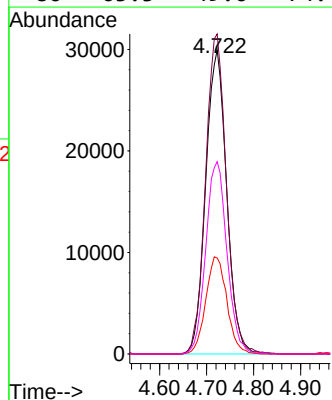
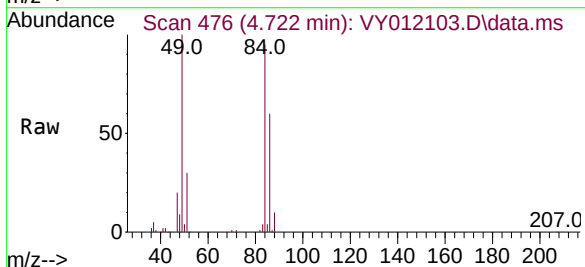
Ion Ratio Lower Upper

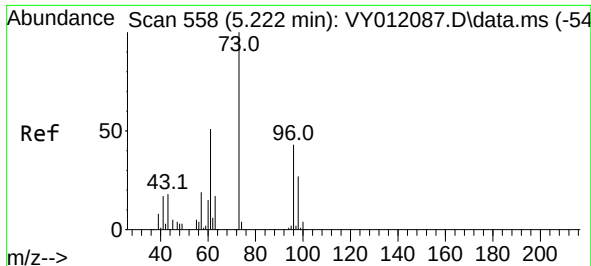
84 100

49 105.3 95.4 143.2

51 31.6 29.9 44.9

86 63.3 49.6 74.4

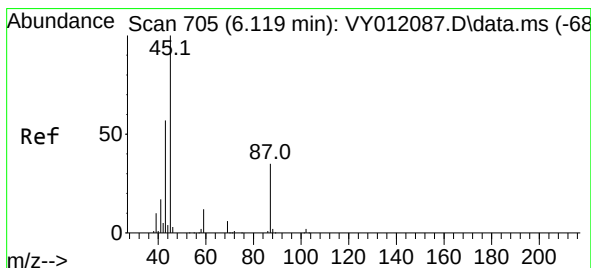
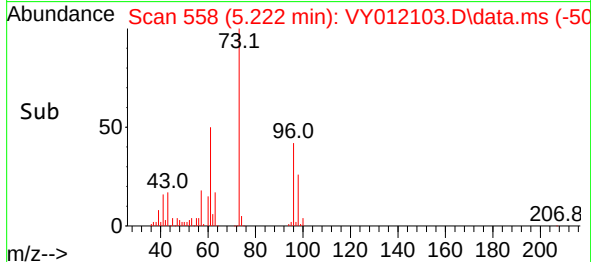
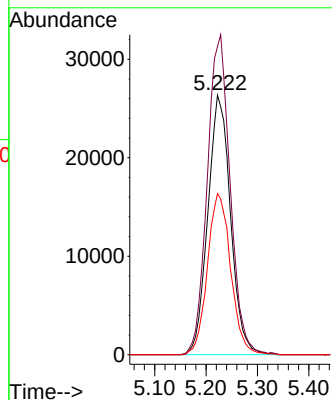
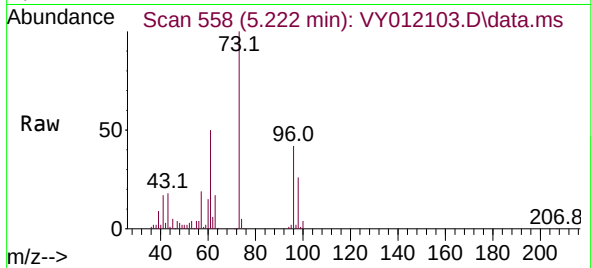




#21
trans-1,2-Dichloroethene
Concen: 47.339 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

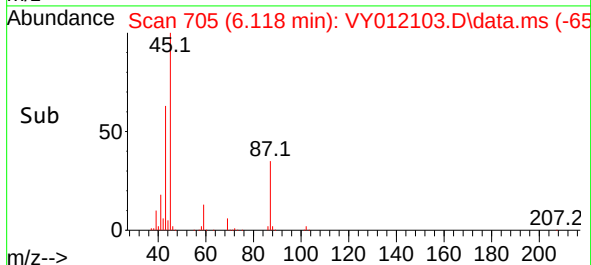
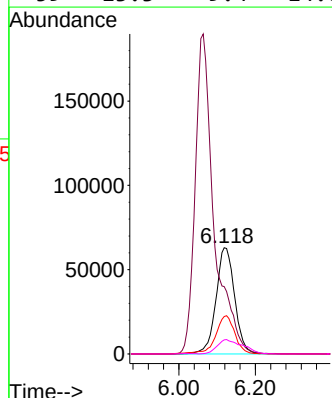
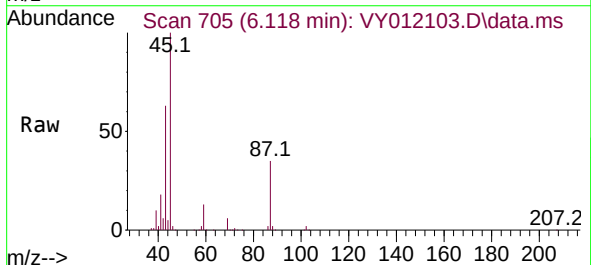
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

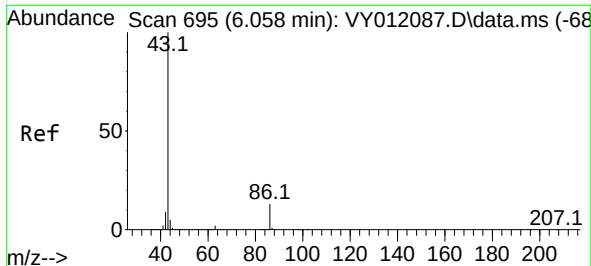
Tgt Ion: 96 Resp: 80907
Ion Ratio Lower Upper
96 100
61 118.7 108.0 162.0
98 62.1 51.6 77.4



#22
Diisopropyl ether
Concen: 49.821 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 45 Resp: 213396
Ion Ratio Lower Upper
45 100
43 63.1 45.0 67.4
87 35.2 22.6 33.8#
59 13.3 9.4 14.0

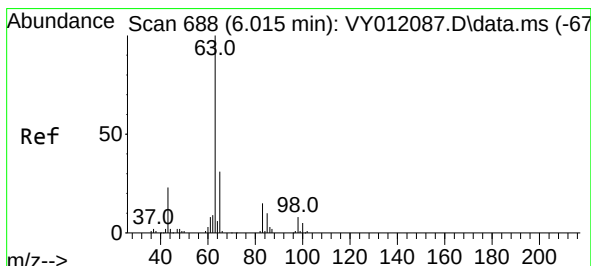
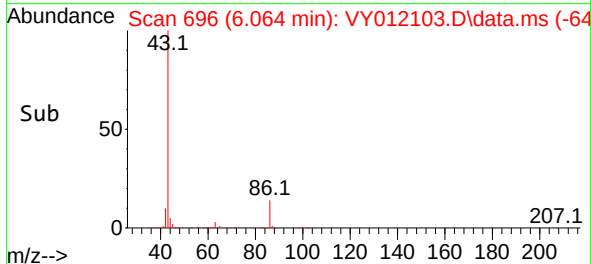
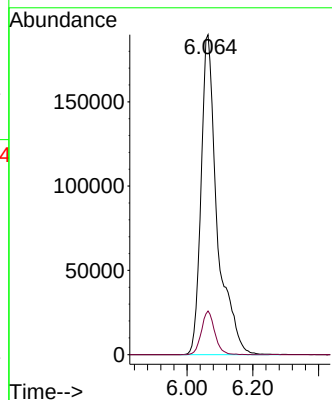
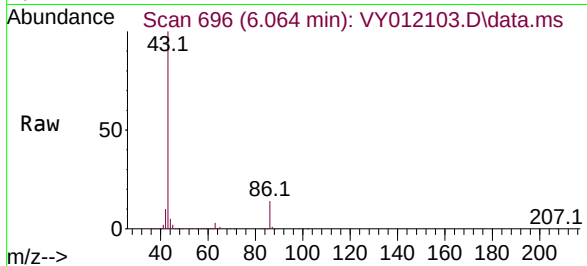




#23
 Vinyl Acetate
 Concen: 250.255 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

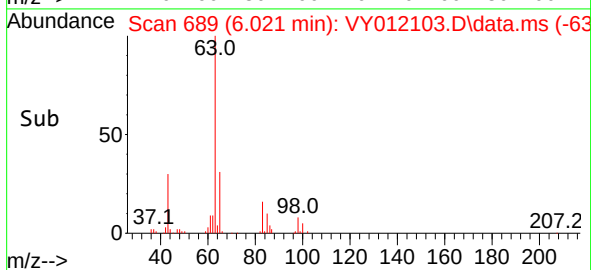
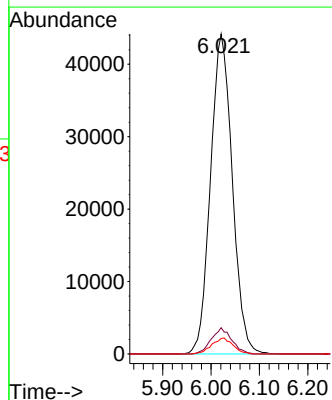
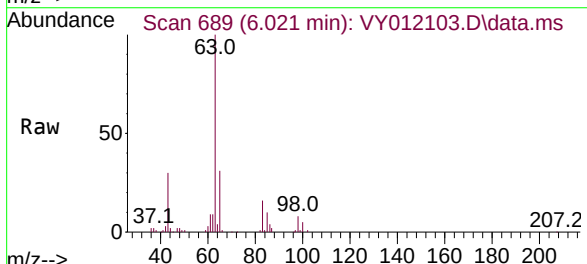
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

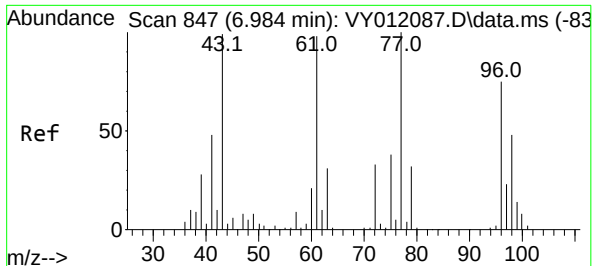
Tgt Ion: 43 Resp: 648644
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 48.439 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

Tgt Ion: 63 Resp: 138007
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 239.342 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

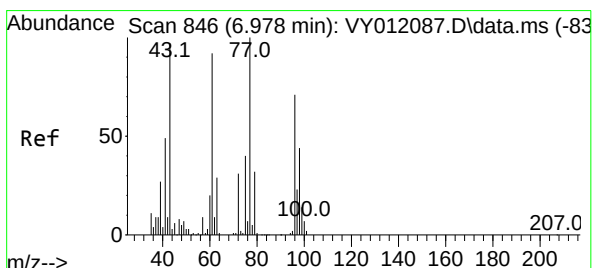
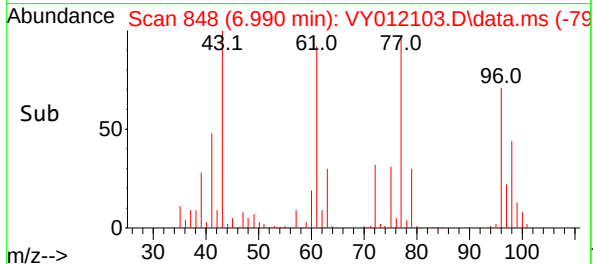
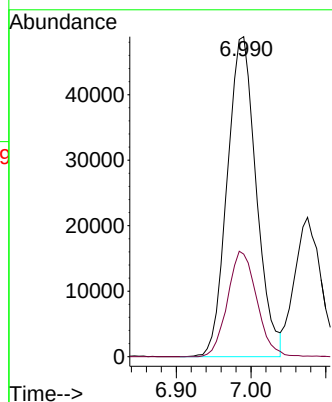
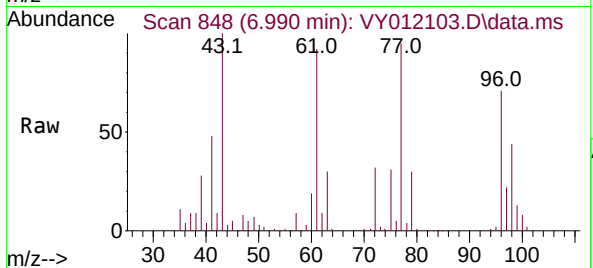
VSTDCCC050

Tgt Ion: 43 Resp: 131911

Ion Ratio Lower Upper

43 100

72 32.1 22.6 34.0



#26

2,2-Dichloropropane

Concen: 48.365 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012103.D

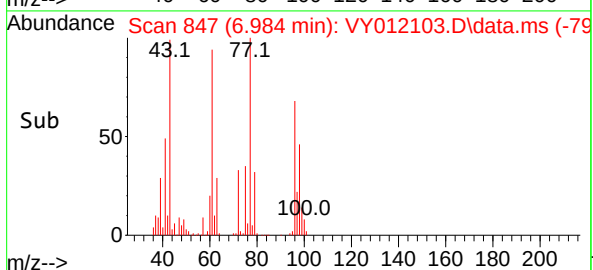
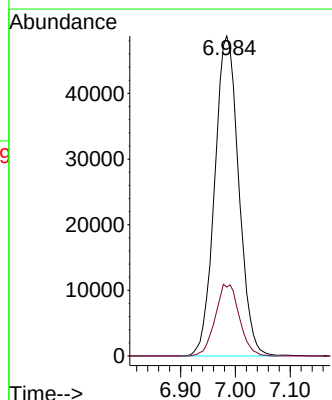
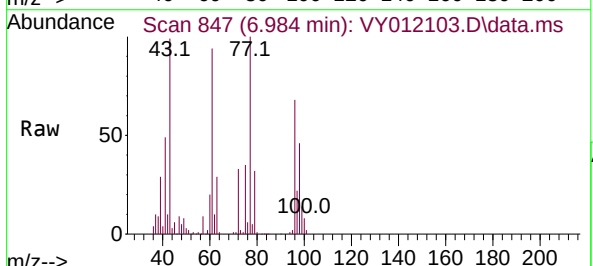
Acq: 09 Jan 2023 11:41

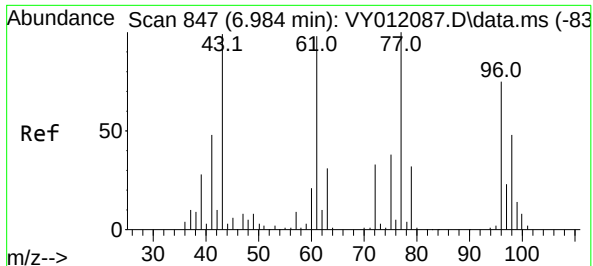
Tgt Ion: 77 Resp: 148652

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.420 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

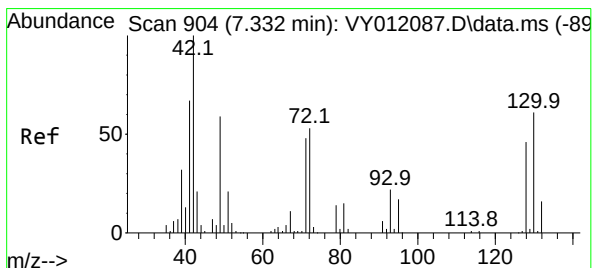
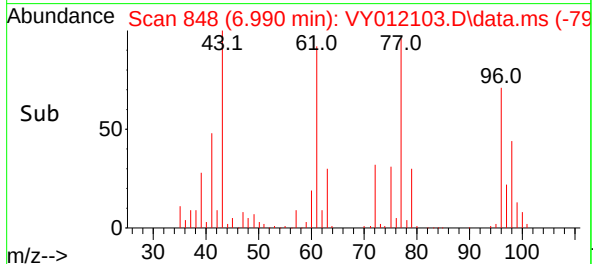
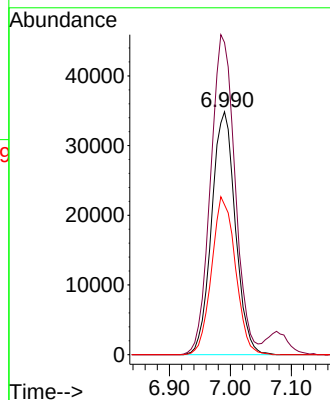
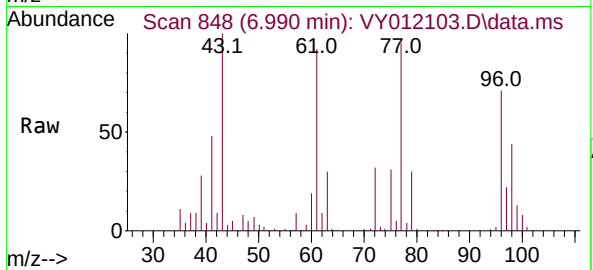
Tgt Ion: 96 Resp: 94519

Ion Ratio Lower Upper

96 100

61 135.6 0.0 283.4

98 65.1 0.0 127.6



#28

Bromochloromethane

Concen: 47.642 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

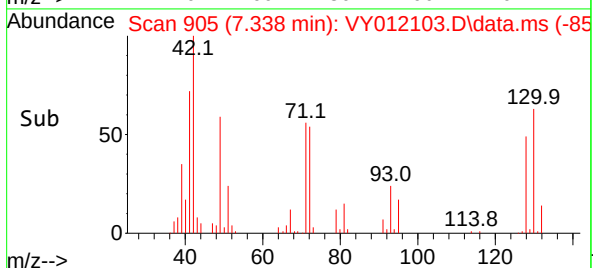
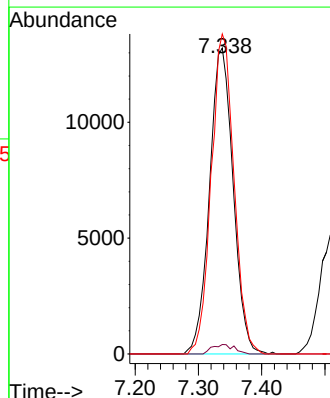
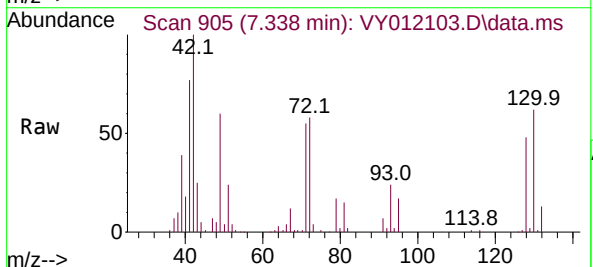
Tgt Ion: 49 Resp: 34316

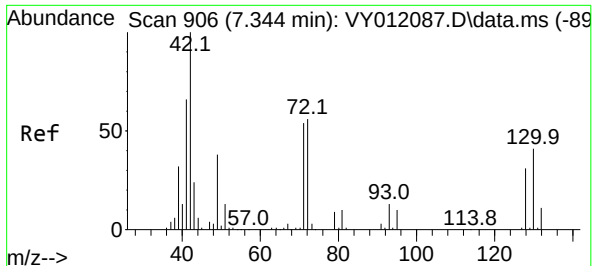
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 100.4 66.7 100.1#

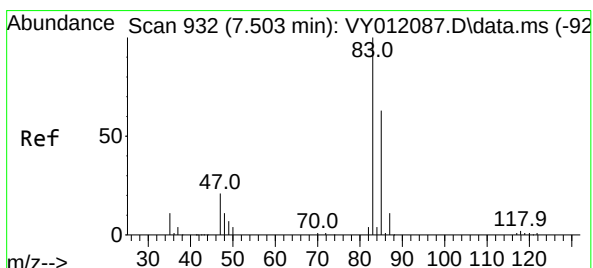
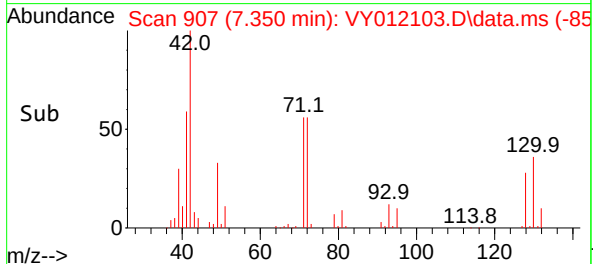
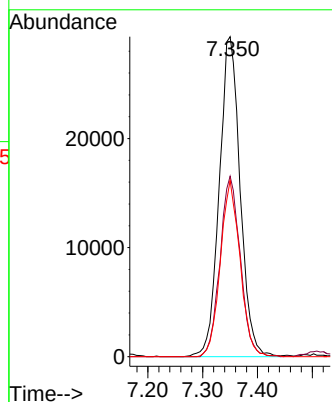
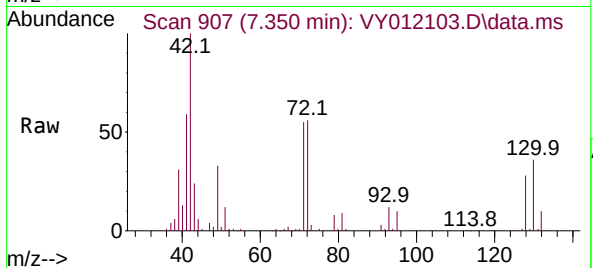




#29
Tetrahydrofuran
Concen: 241.247 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

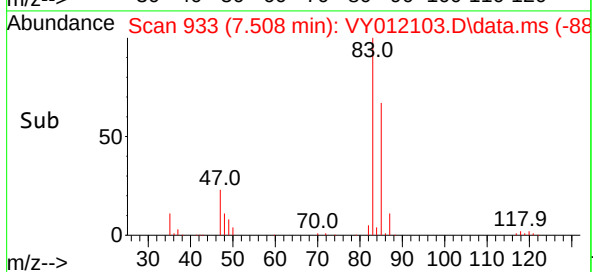
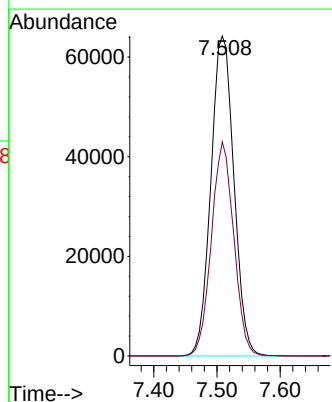
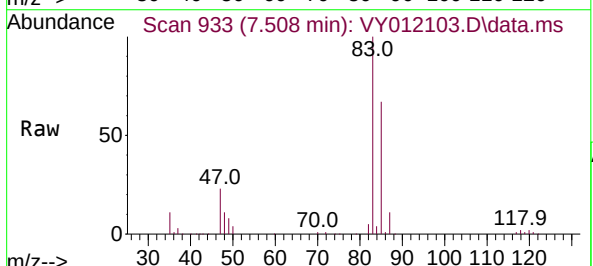
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

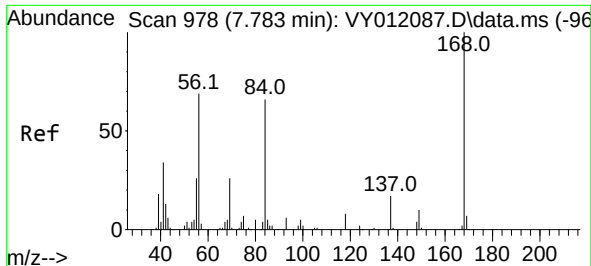
Tgt Ion:	42	Resp:	77611
Ion	Ratio	Lower	Upper
42	100		
72	54.8	37.0	55.6
71	52.0	34.9	52.3



#30
Chloroform
Concen: 49.974 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.005 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:	83	Resp:	162299
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.5	77.3

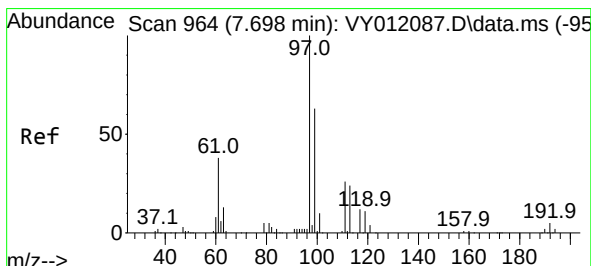
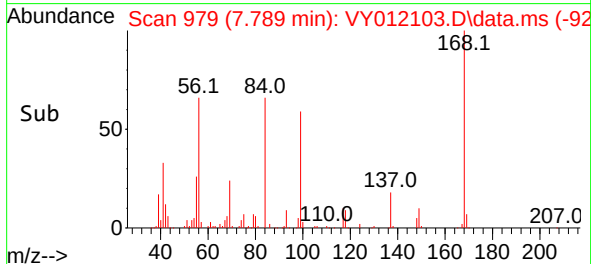
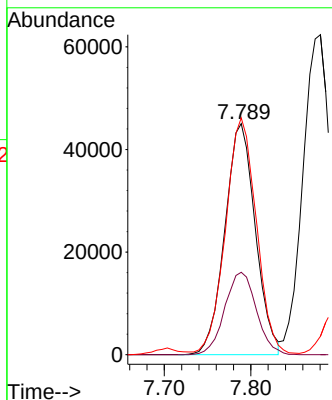
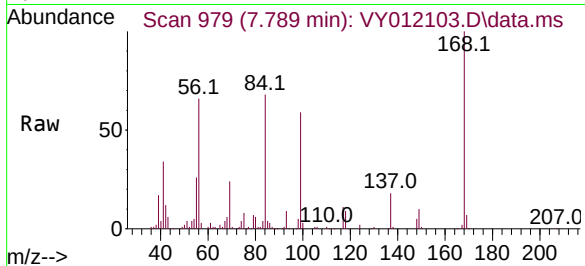




#31
Cyclohexane
Concen: 49.100 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

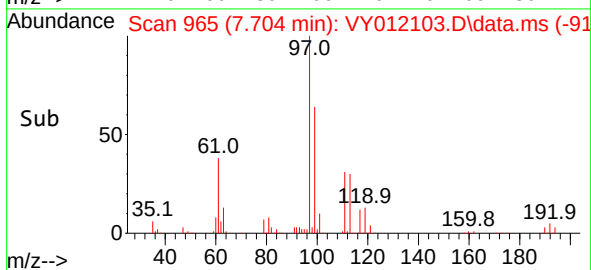
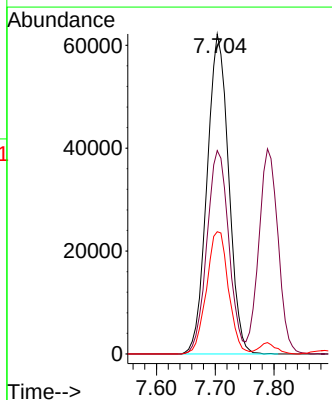
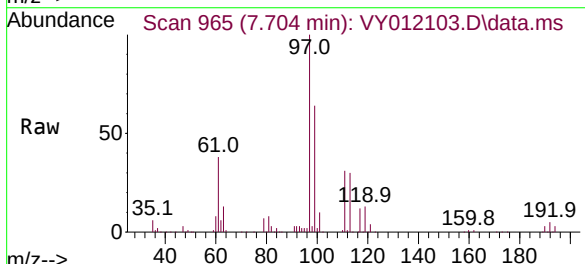
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

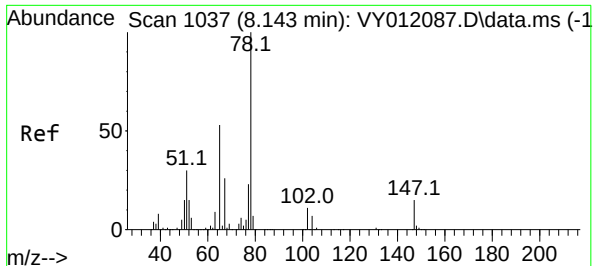
Tgt Ion: 56 Resp: 110264
Ion Ratio Lower Upper
56 100
69 35.7 29.2 43.8
84 101.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 50.378 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 97 Resp: 158913
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 38.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 47.893 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

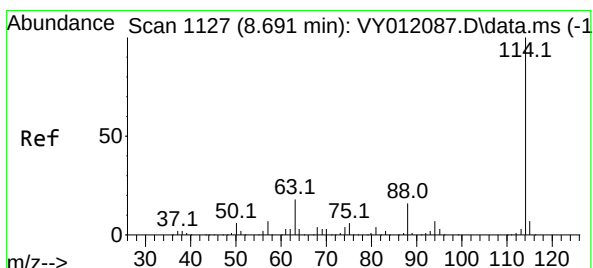
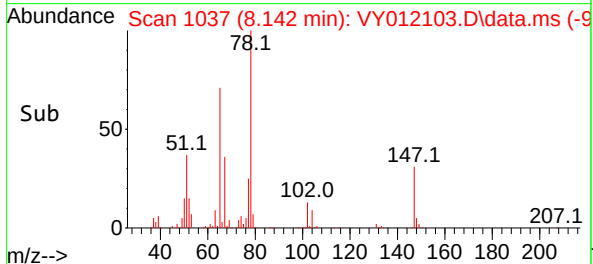
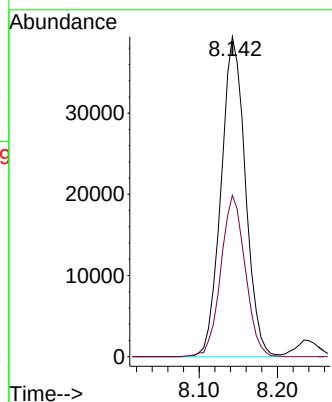
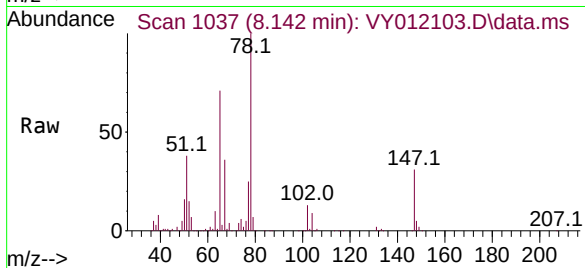
VSTDCCC050

Tgt Ion: 65 Resp: 85047

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

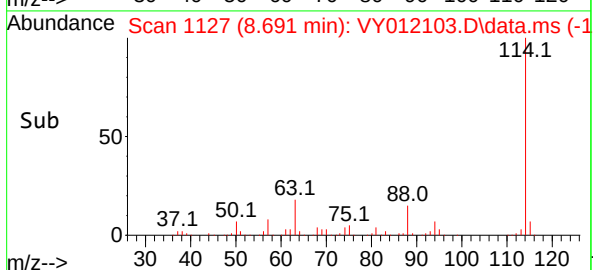
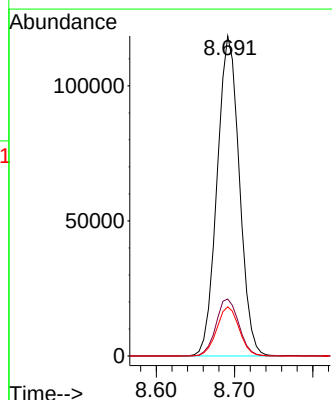
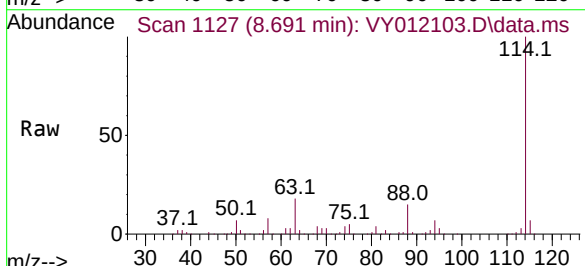
Tgt Ion: 114 Resp: 234256

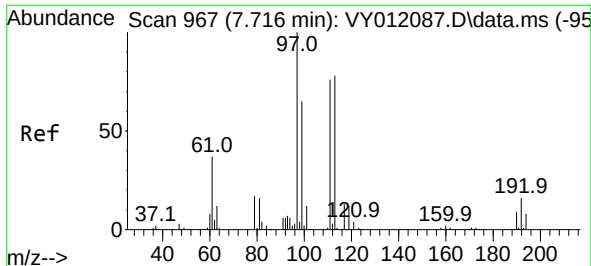
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.4 0.0 32.2

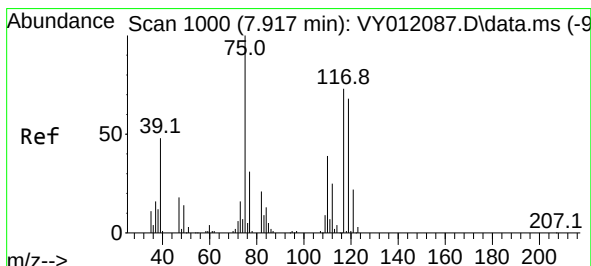
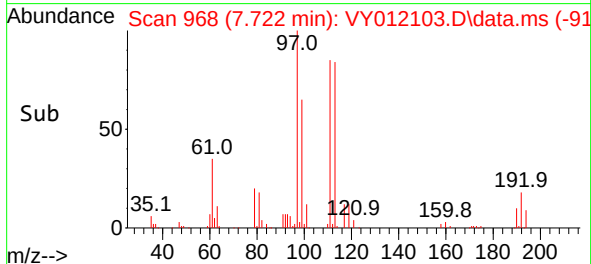
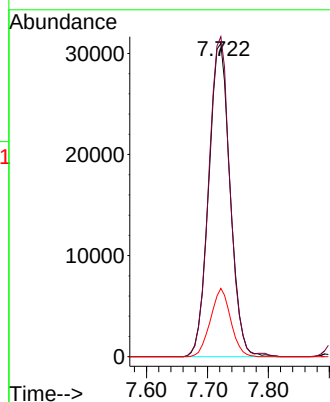
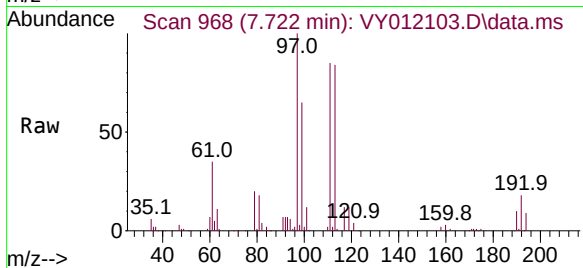




#35
Dibromofluoromethane
Concen: 49.111 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

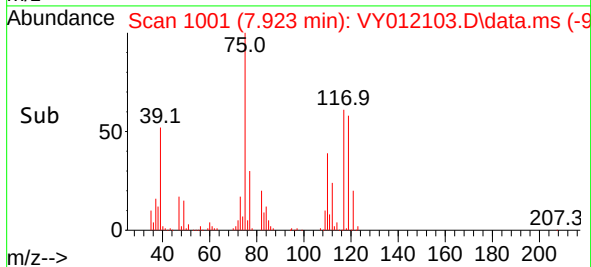
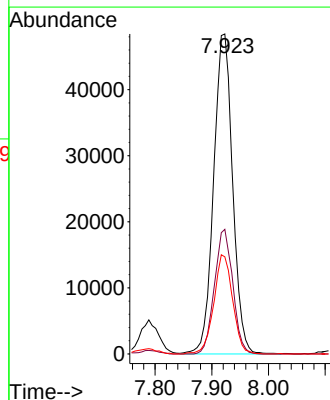
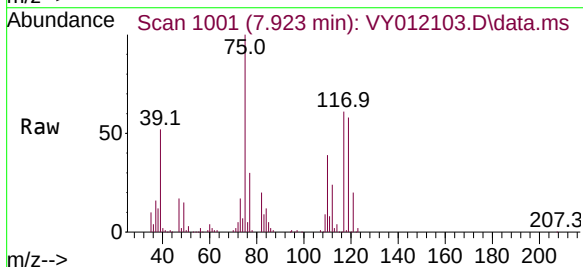
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

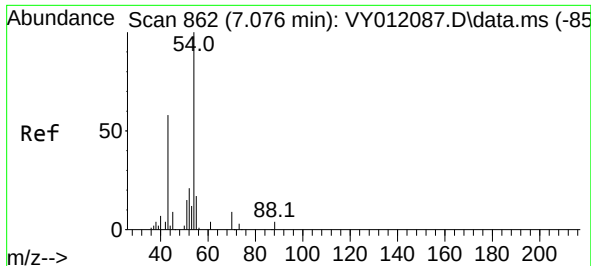
Tgt Ion:113 Resp: 75618
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 48.280 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 75 Resp: 112782
Ion Ratio Lower Upper
75 100
110 37.4 18.1 54.1
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 43.649 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

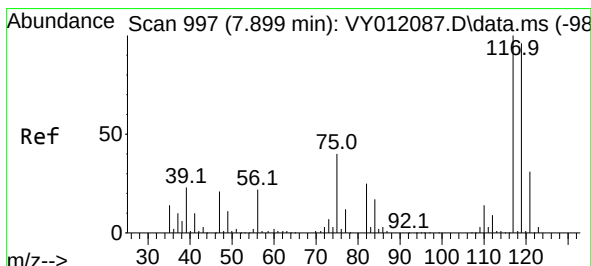
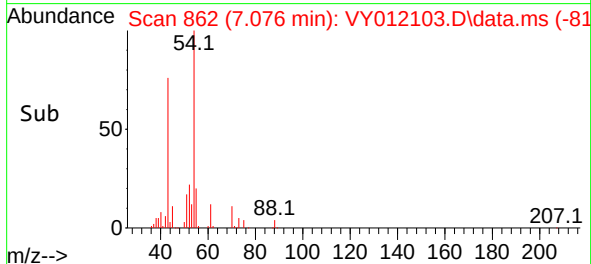
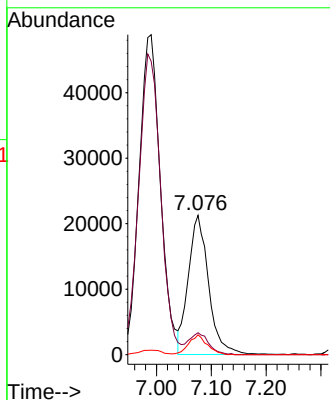
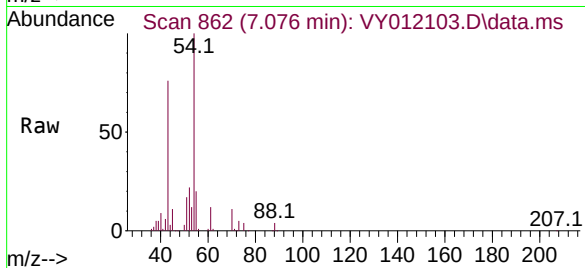
Tgt Ion: 43 Resp: 54595

Ion Ratio Lower Upper

43 100

61 15.8 11.3 16.9

70 13.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 50.244 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

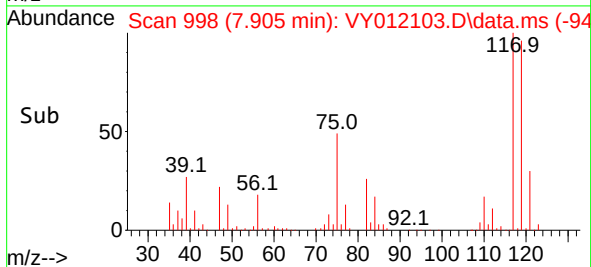
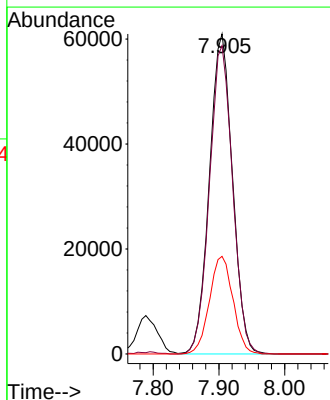
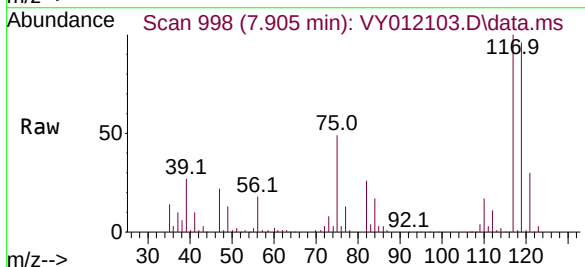
Tgt Ion: 117 Resp: 148972

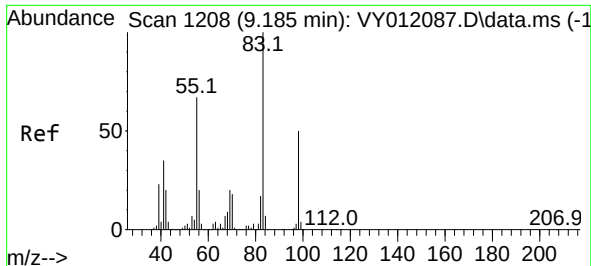
Ion Ratio Lower Upper

117 100

119 96.4 73.8 110.8

121 30.5 25.2 37.8





#39

Methylcyclohexane

Concen: 47.262 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

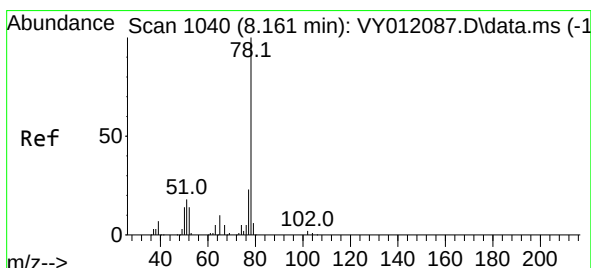
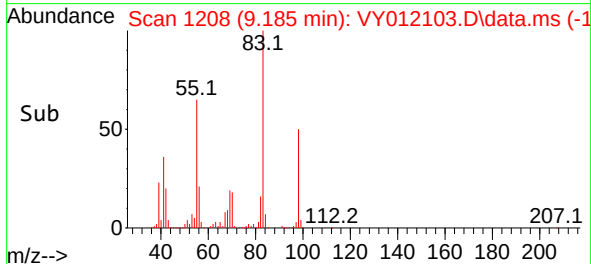
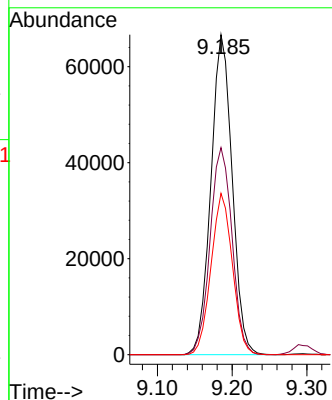
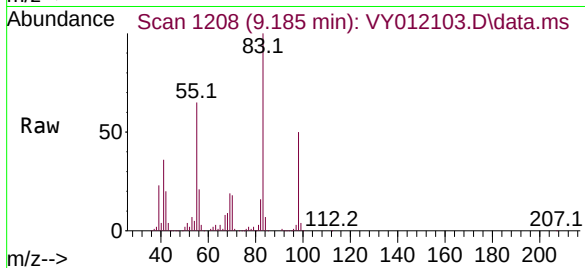
Tgt Ion: 83 Resp: 131887

Ion Ratio Lower Upper

83 100

55 64.7 58.2 87.2

98 50.4 38.6 58.0



#40

Benzene

Concen: 48.250 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012103.D

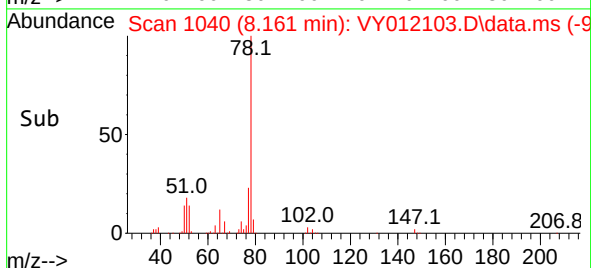
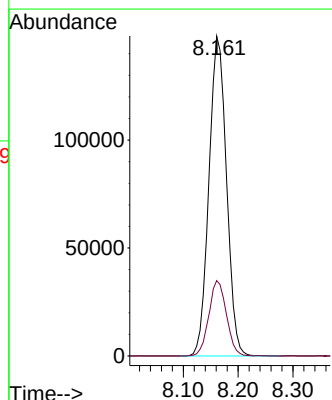
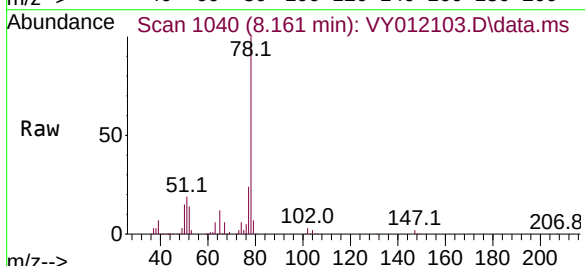
Acq: 09 Jan 2023 11:41

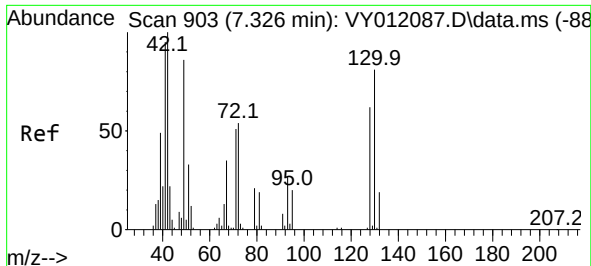
Tgt Ion: 78 Resp: 328445

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

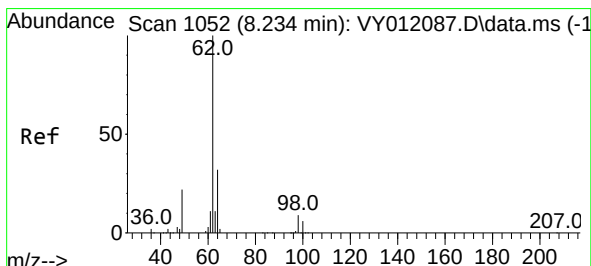
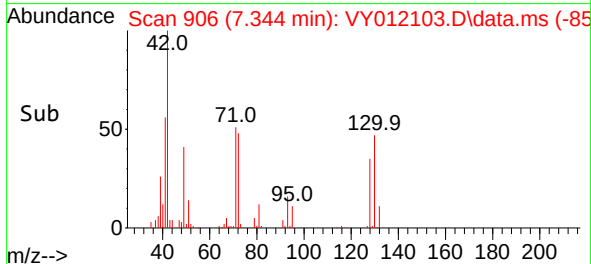
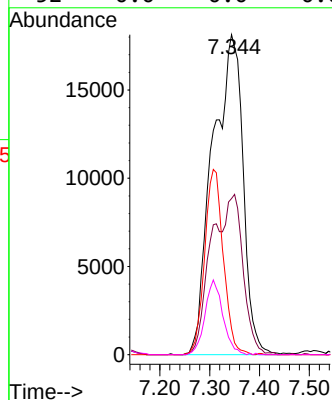
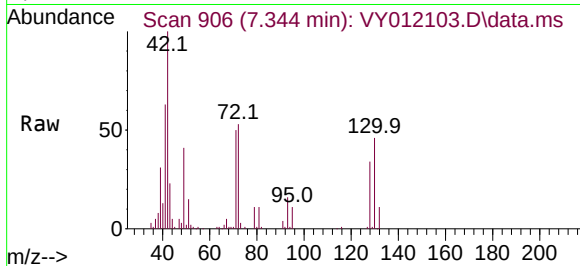




#41
Methacrylonitrile
Concen: 112.616 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

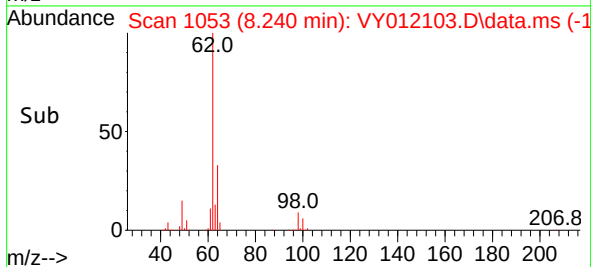
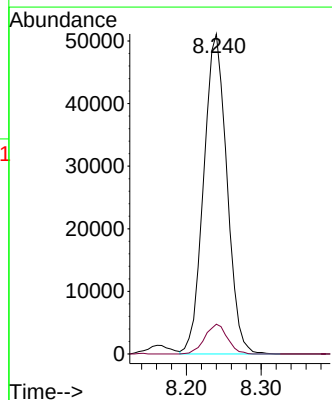
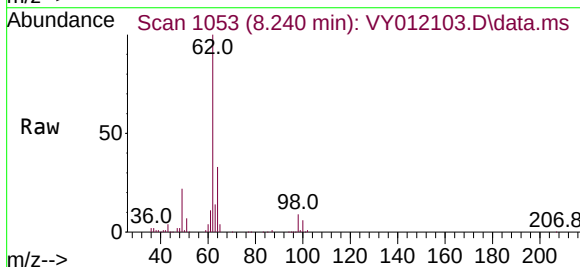
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

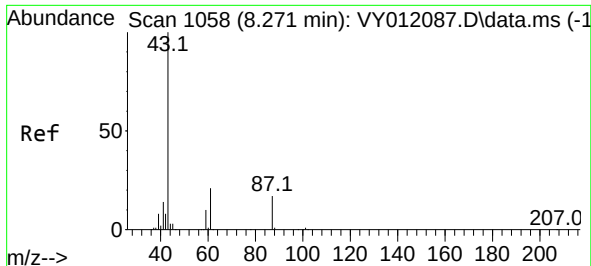
Tgt Ion: 41 Resp: 76609
Ion Ratio Lower Upper
41 100
39 25.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.104 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 62 Resp: 110134
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 49.478 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

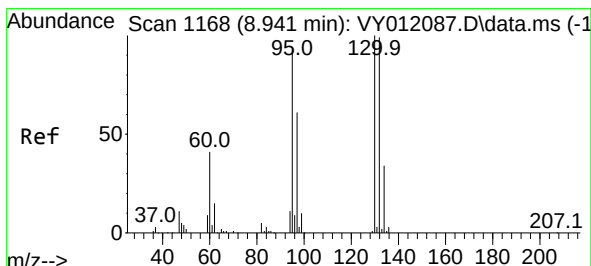
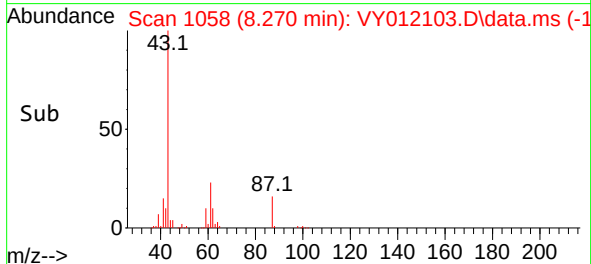
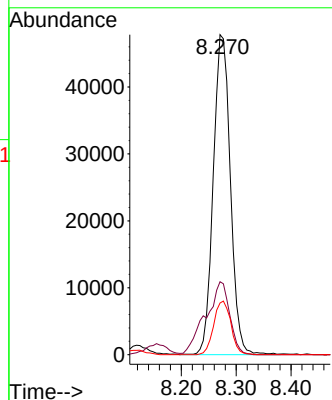
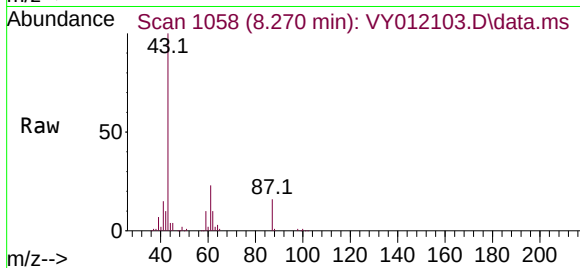
Tgt Ion: 43 Resp: 103713

Ion Ratio Lower Upper

43 100

61 32.0 24.4 36.6

87 16.8 11.4 17.2



#44

Trichloroethene

Concen: 48.493 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012103.D

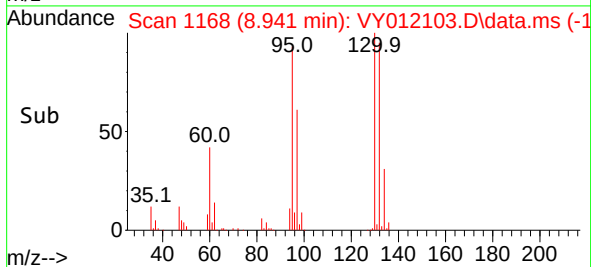
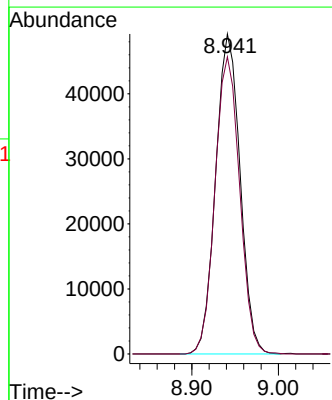
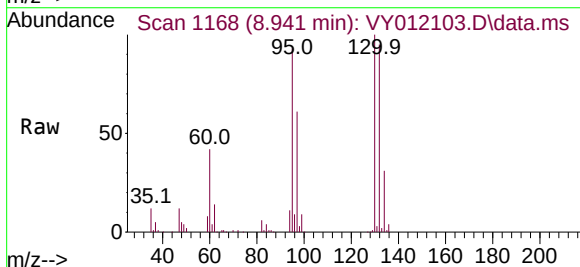
Acq: 09 Jan 2023 11:41

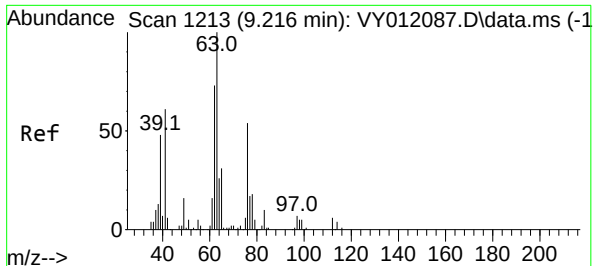
Tgt Ion:130 Resp: 96384

Ion Ratio Lower Upper

130 100

95 92.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.627 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

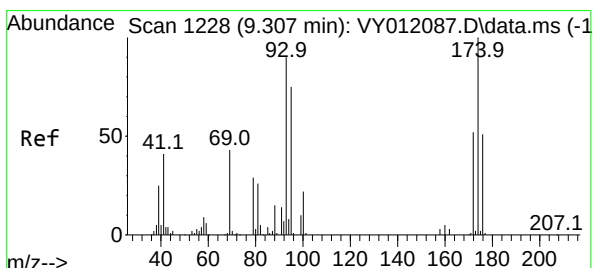
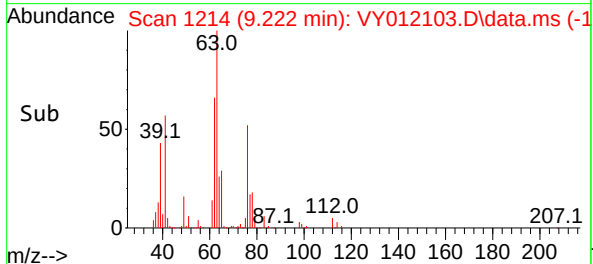
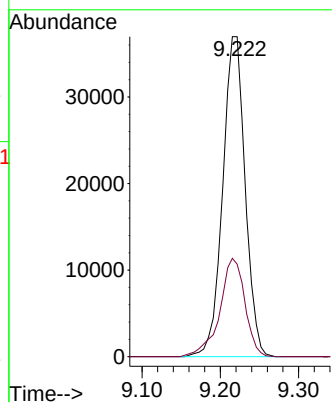
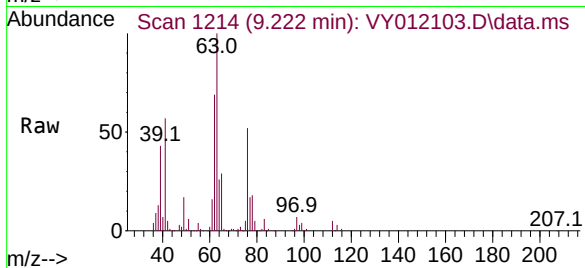
VSTDCCC050

Tgt Ion: 63 Resp: 73751

Ion Ratio Lower Upper

63 100

65 28.9 24.9 37.3



#46

Dibromomethane

Concen: 50.759 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

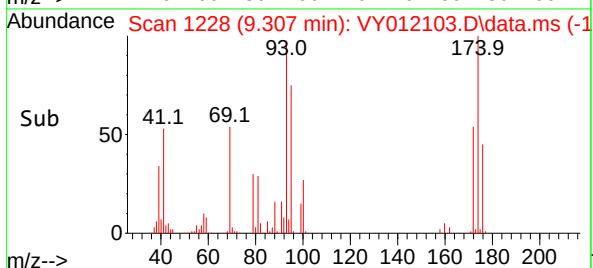
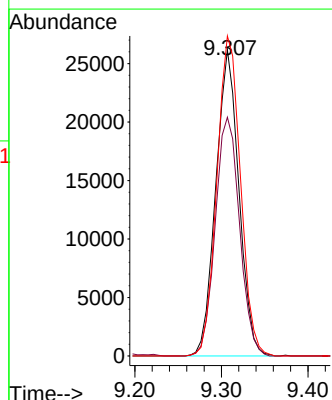
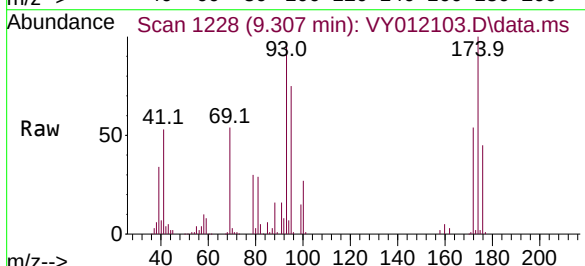
Tgt Ion: 93 Resp: 48464

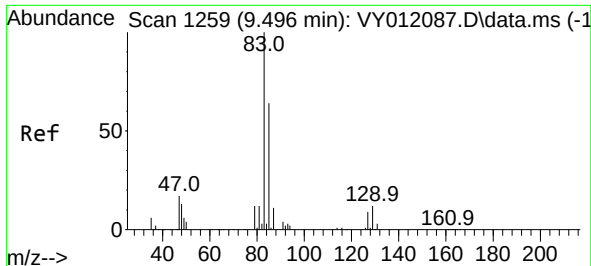
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 106.7 84.7 127.1

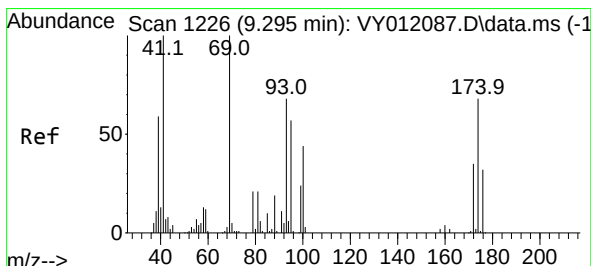
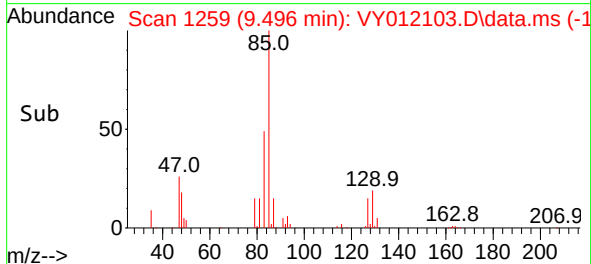
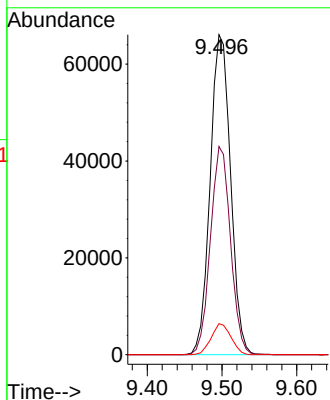
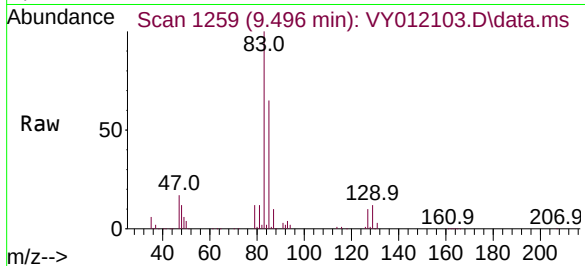




#47
Bromodichloromethane
Concen: 51.550 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

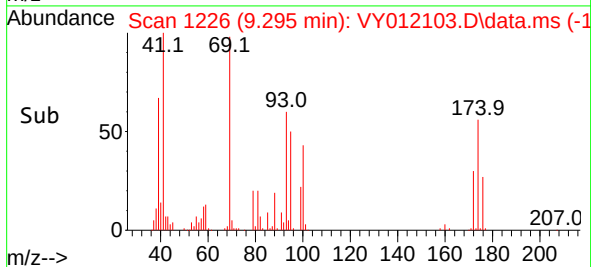
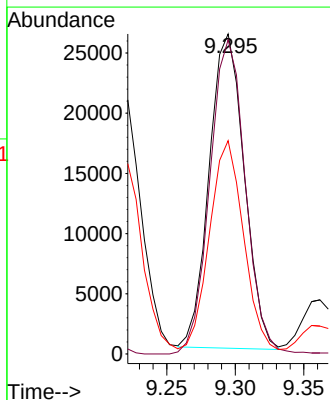
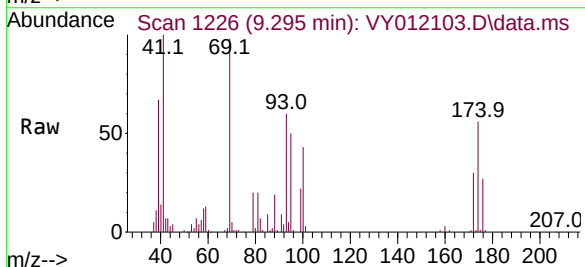
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

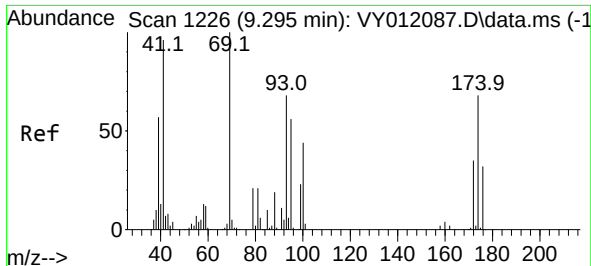
Tgt Ion: 83 Resp: 125151
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 9.7 7.3 10.9



#48
Methyl methacrylate
Concen: 49.413 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 41 Resp: 46396
Ion Ratio Lower Upper
41 100
69 101.7 74.2 111.2
39 67.2 46.3 69.5





#49

1,4-Dioxane

Concen: 974.844 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

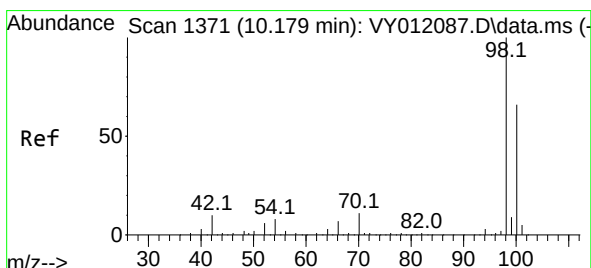
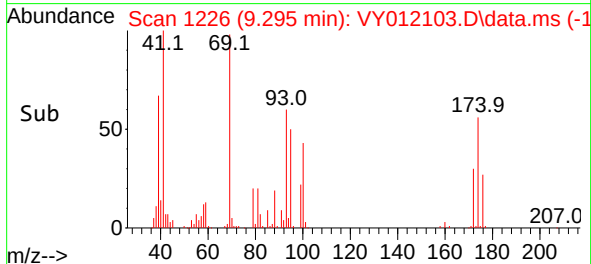
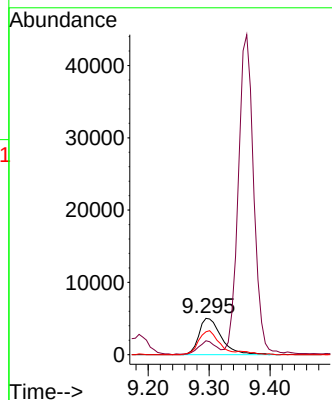
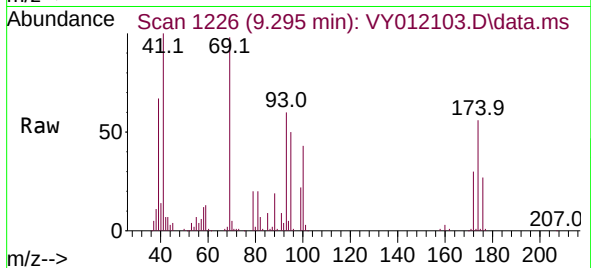
Tgt Ion: 88 Resp: 12889

Ion Ratio Lower Upper

88 100

43 30.0 26.2 39.2

58 59.8 54.3 81.5



#50

Toluene-d8

Concen: 47.407 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY012103.D

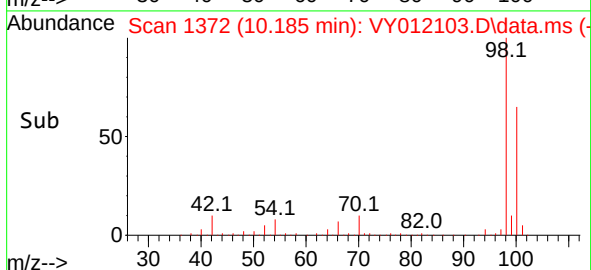
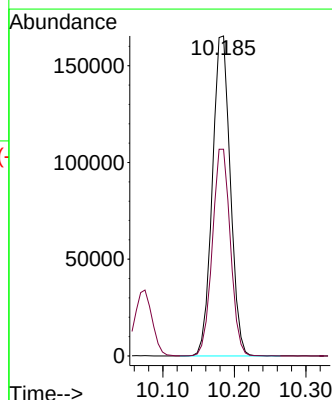
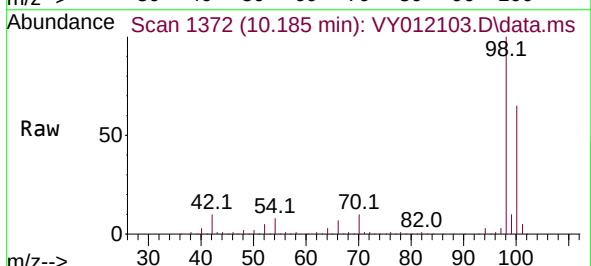
Acq: 09 Jan 2023 11:41

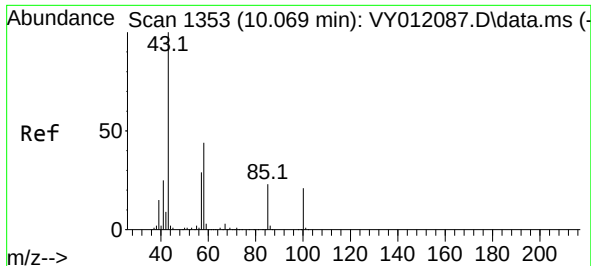
Tgt Ion: 98 Resp: 288109

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

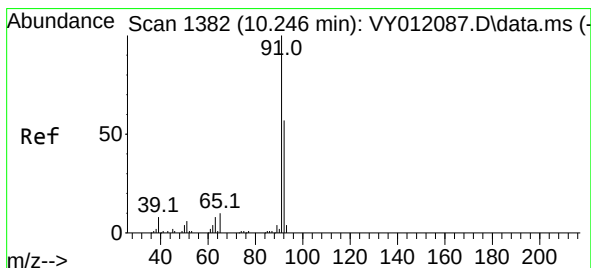
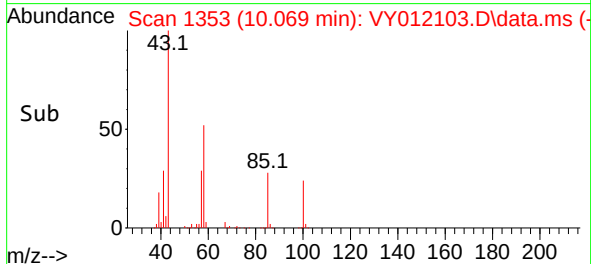
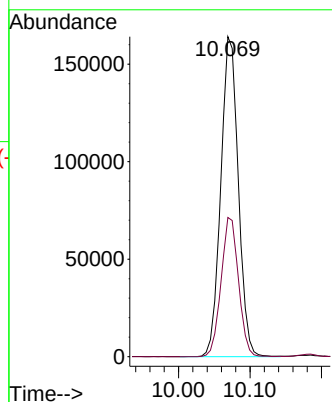
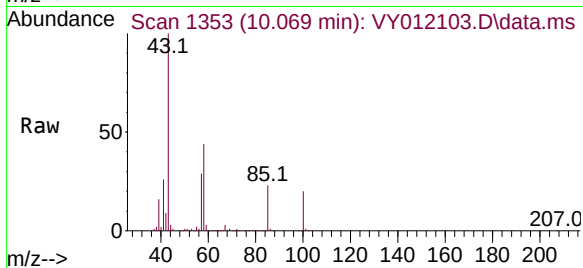




#51
4-Methyl-2-Pentanone
Concen: 250.038 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

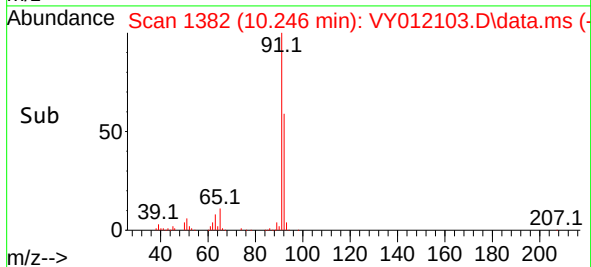
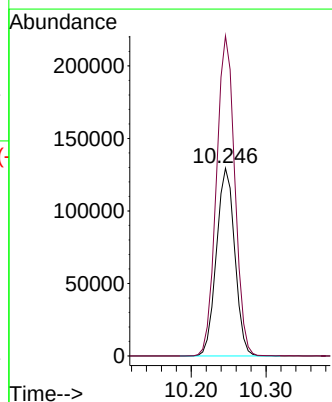
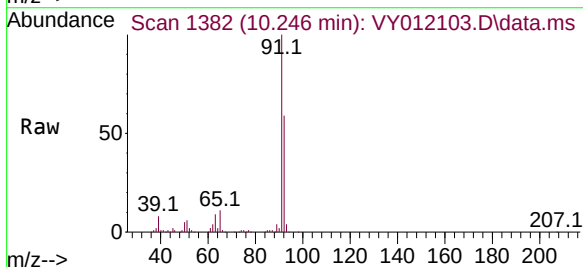
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

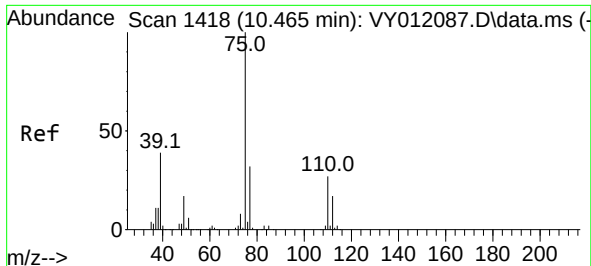
Tgt Ion: 43 Resp: 278881
Ion Ratio Lower Upper
43 100
58 43.3 32.9 49.3



#52
Toluene
Concen: 48.973 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 92 Resp: 220659
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0

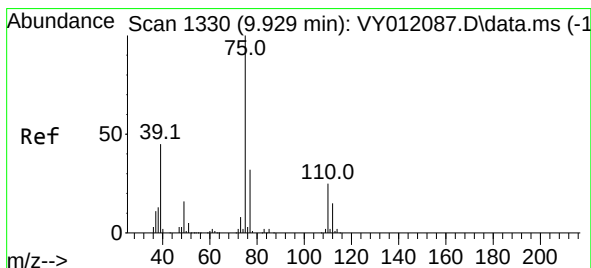
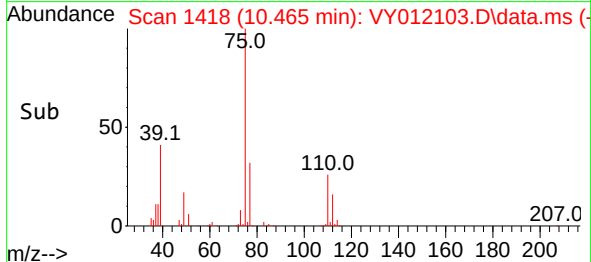
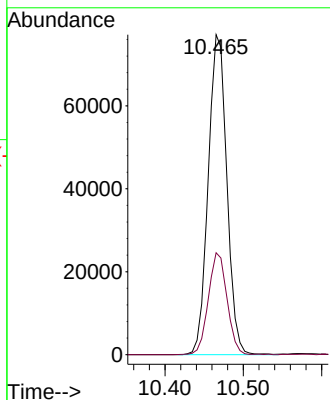
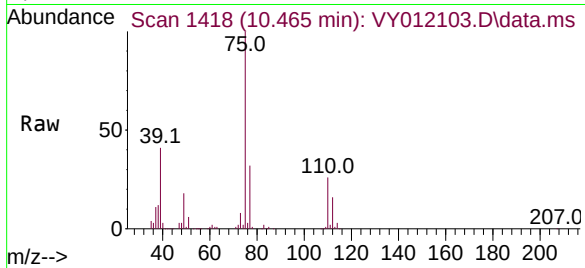




#53
 t-1,3-Dichloropropene
 Concen: 50.376 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

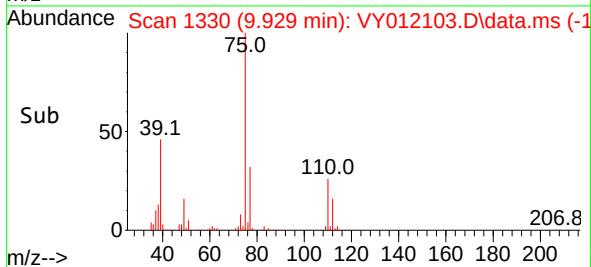
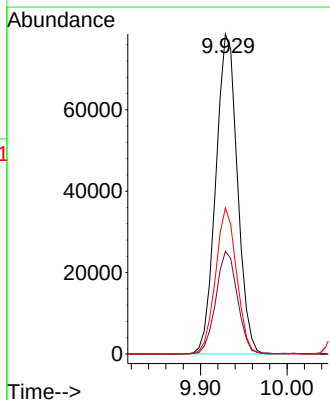
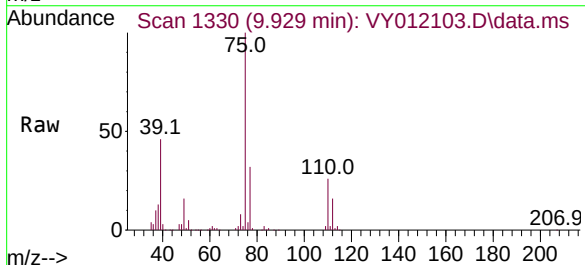
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

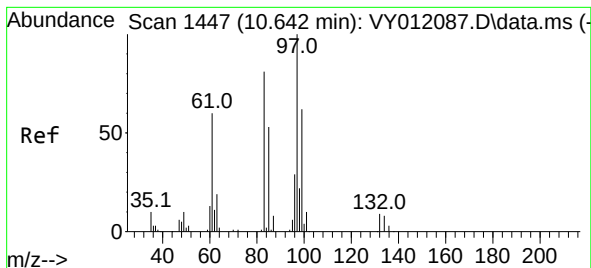
Tgt Ion: 75 Resp: 127229
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.855 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

Tgt Ion: 75 Resp: 136219
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.9 38.9
 39 45.7 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 50.994 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 70321

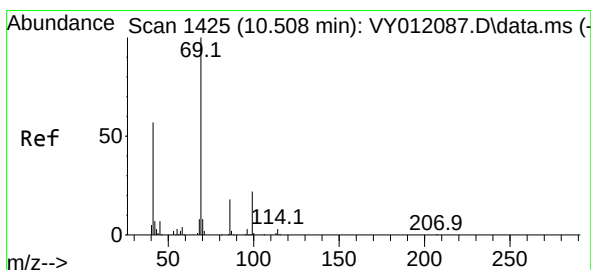
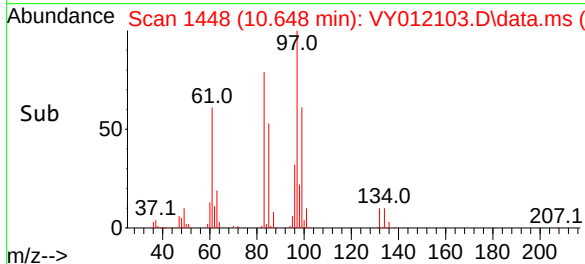
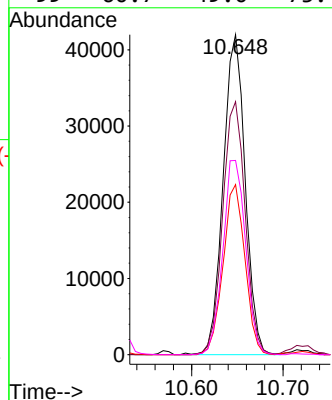
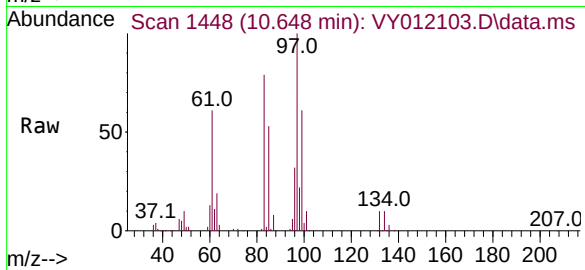
Ion Ratio Lower Upper

97 100

83 79.0 67.7 101.5

85 53.2 43.8 65.8

99 60.7 49.0 73.4



#56

Ethyl methacrylate

Concen: 51.381 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

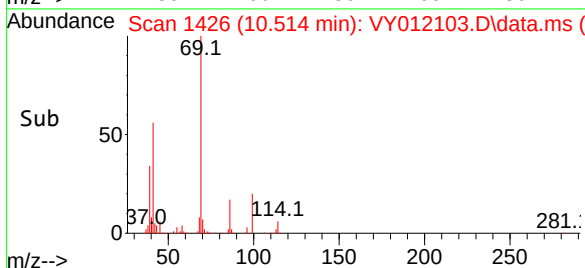
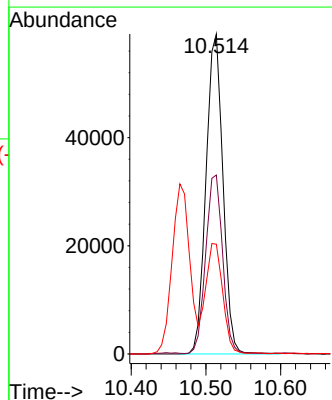
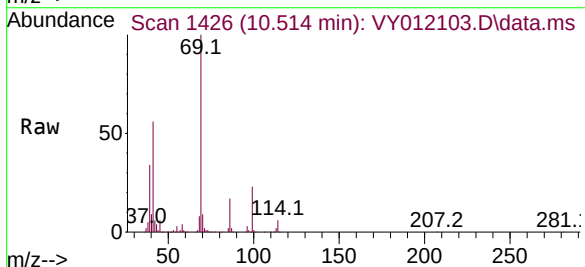
Tgt Ion: 69 Resp: 92819

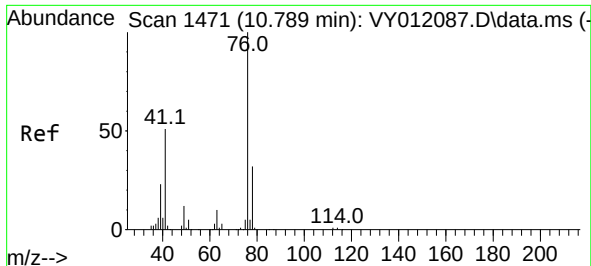
Ion Ratio Lower Upper

69 100

41 56.2 48.9 73.3

39 34.4 25.9 38.9





#57

1,3-Dichloropropane

Concen: 50.395 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.005 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

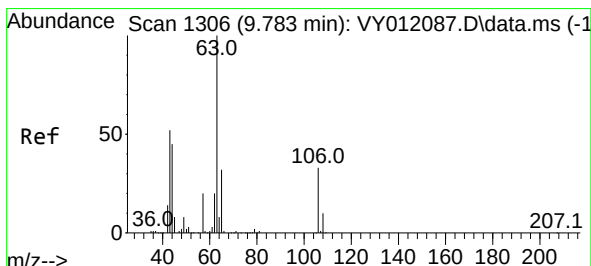
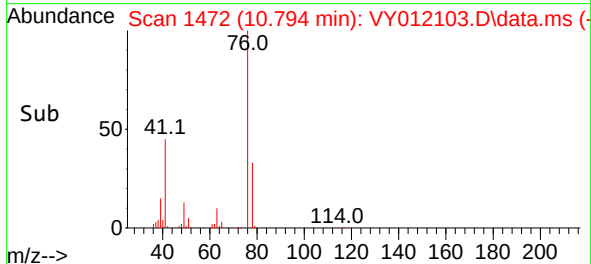
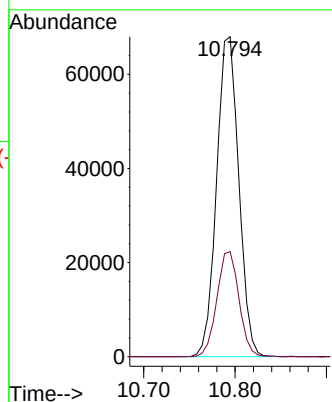
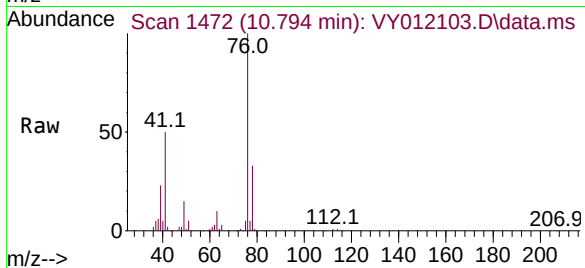
VSTDCCC050

Tgt Ion: 76 Resp: 114690

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 248.217 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012103.D

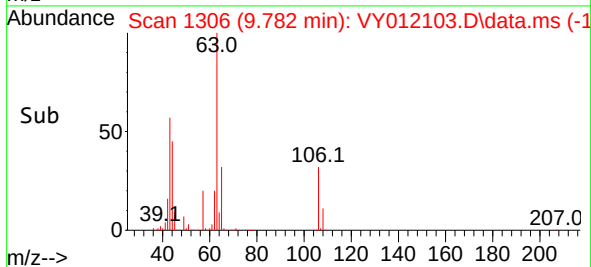
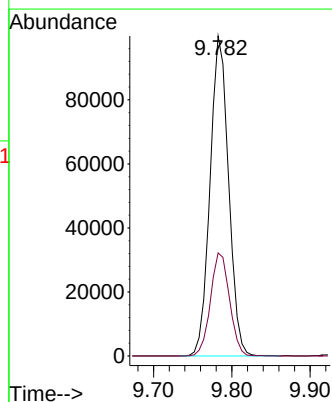
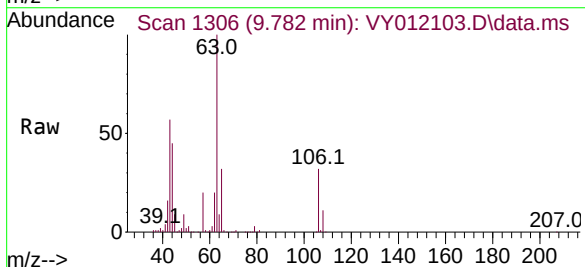
Acq: 09 Jan 2023 11:41

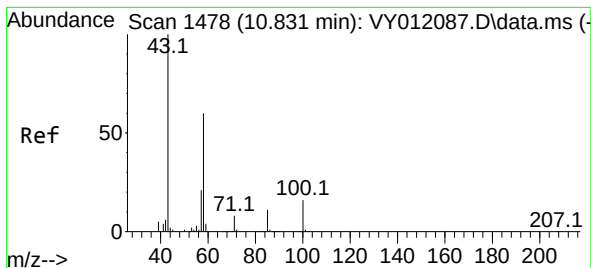
Tgt Ion: 63 Resp: 164012

Ion Ratio Lower Upper

63 100

106 33.1 23.2 34.8

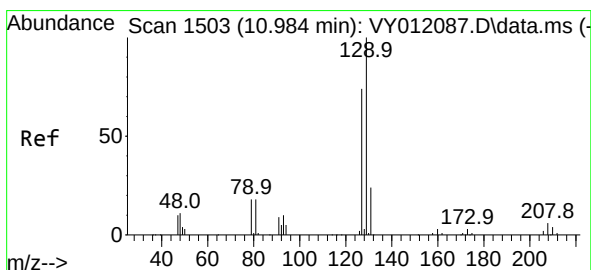
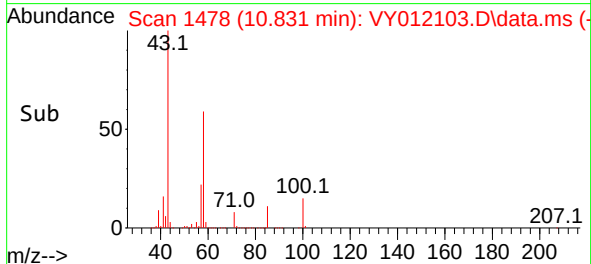
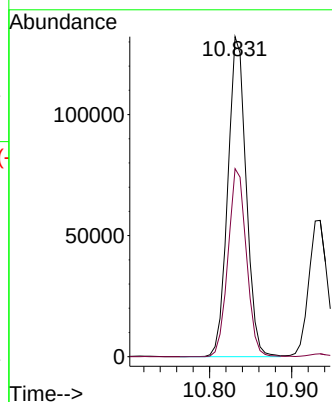
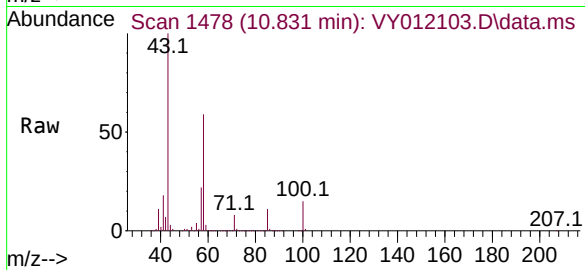




#59
2-Hexanone
Concen: 261.657 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

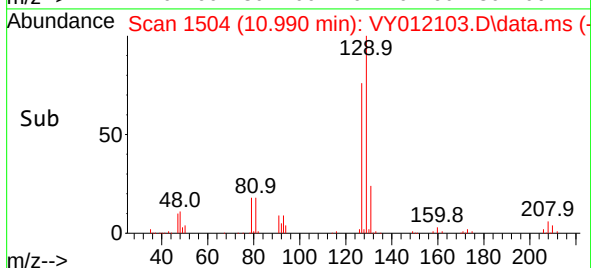
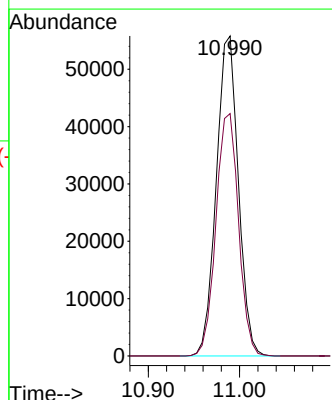
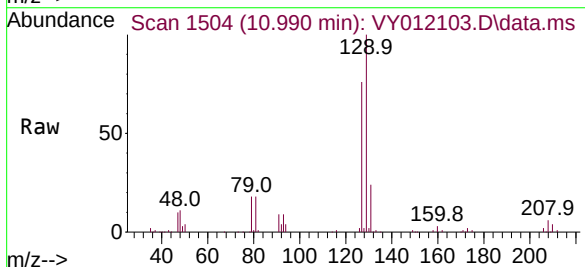
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

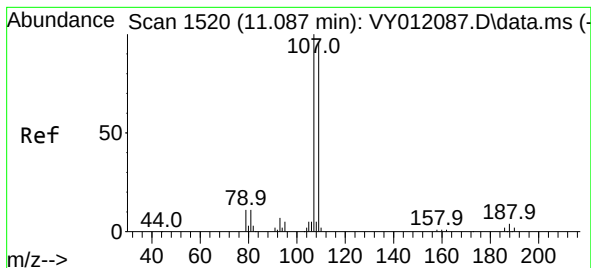
Tgt Ion: 43 Resp: 204925
Ion Ratio Lower Upper
43 100
58 58.8 28.4 85.2



#60
Dibromochloromethane
Concen: 51.497 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.005 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:129 Resp: 93634
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.659 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

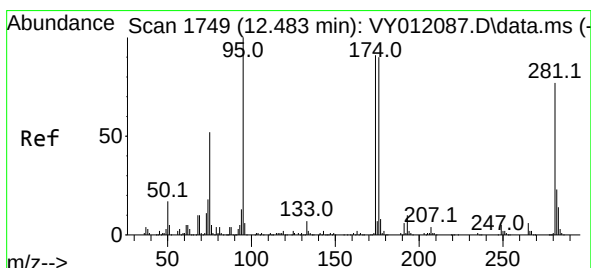
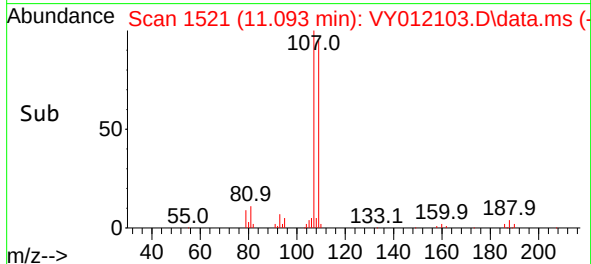
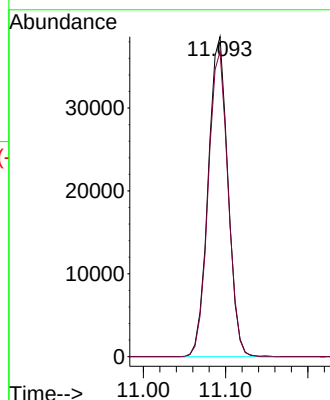
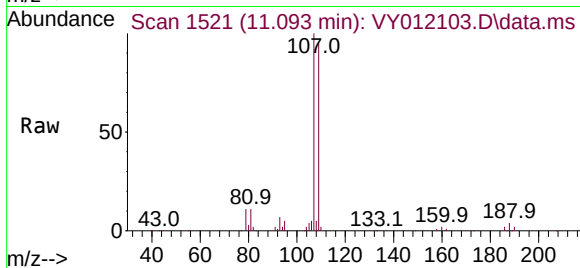
VSTDCCC050

Tgt Ion:107 Resp: 64223

Ion Ratio Lower Upper

107 100

109 96.2 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 50.403 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

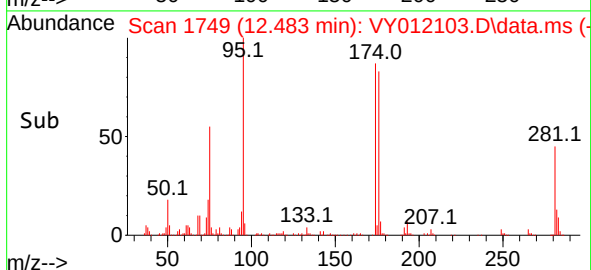
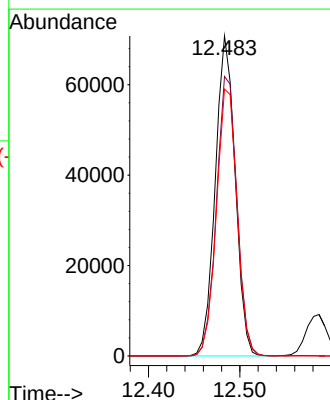
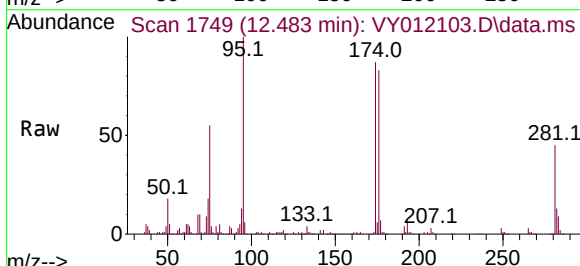
Tgt Ion: 95 Resp: 107071

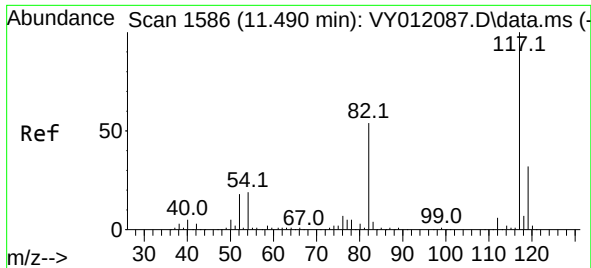
Ion Ratio Lower Upper

95 100

174 90.4 0.0 172.0

176 86.6 0.0 167.6

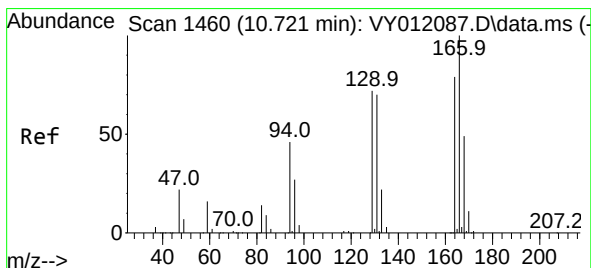
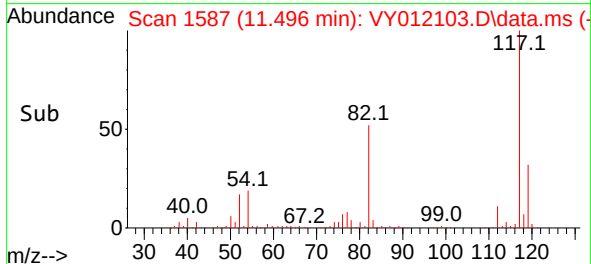
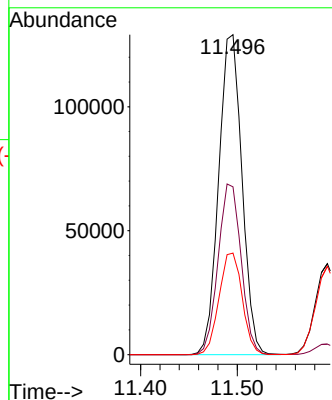
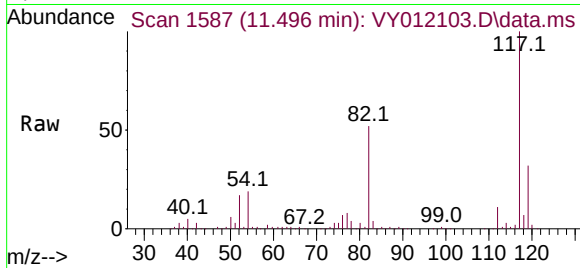




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

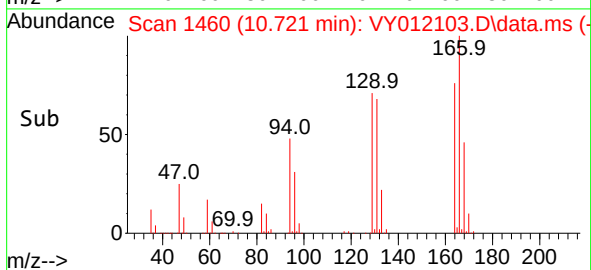
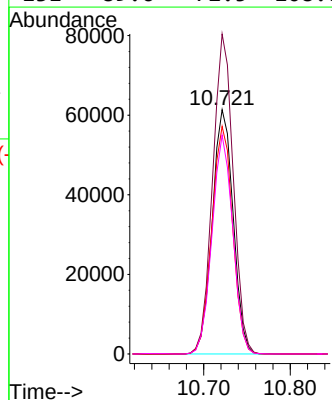
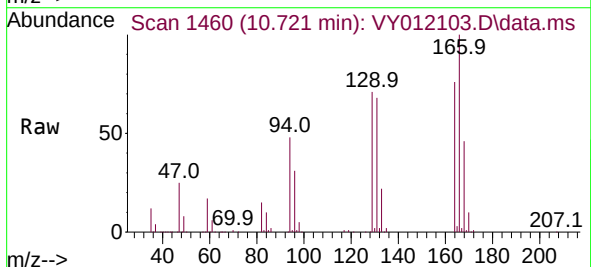
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

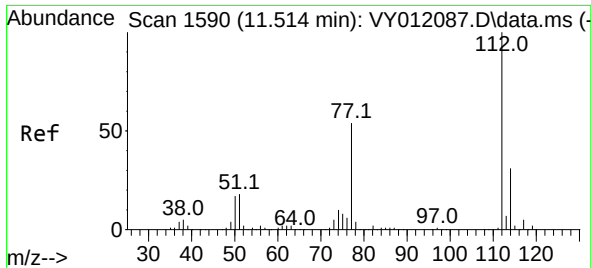
Tgt Ion:117 Resp: 215403
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 48.804 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:164 Resp: 102983
Ion Ratio Lower Upper
164 100
166 131.0 102.3 153.5
129 93.1 77.2 115.8
131 89.6 72.5 108.7

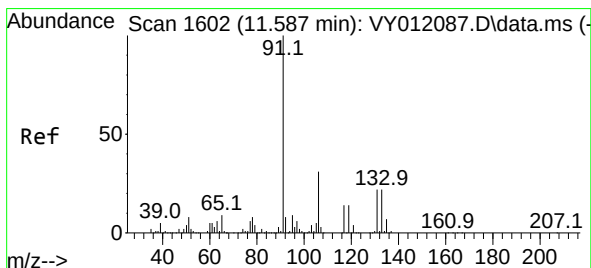
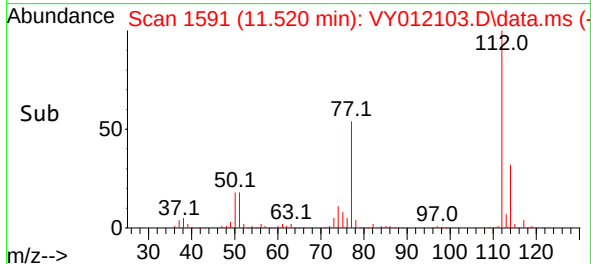
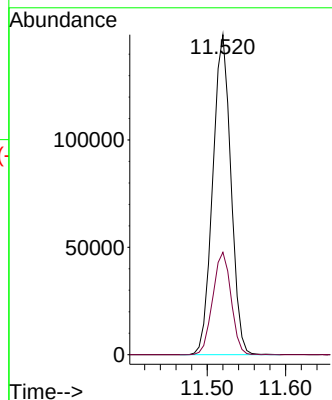
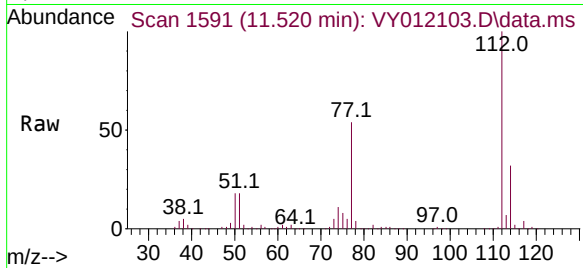




#65
Chlorobenzene
Concen: 48.709 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

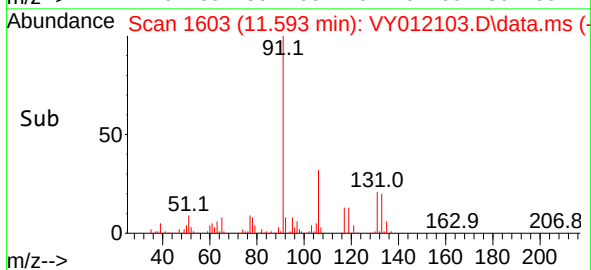
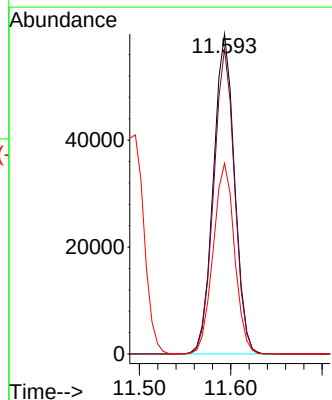
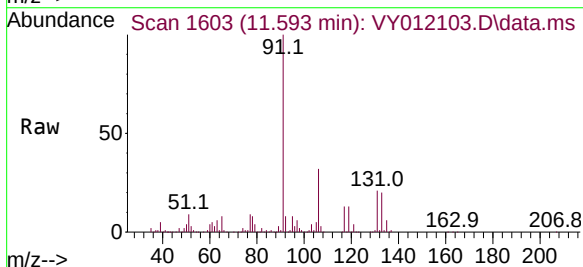
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

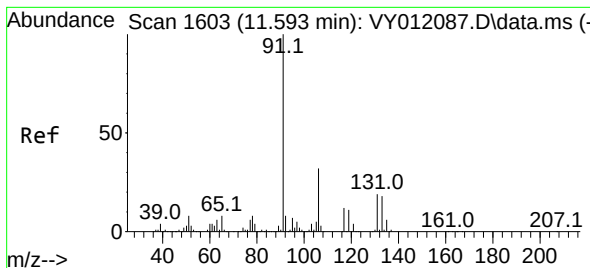
Tgt Ion:112 Resp: 239623
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.587 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:131 Resp: 96081
Ion Ratio Lower Upper
131 100
133 94.3 47.3 142.0
119 60.2 32.1 96.3





#67

Ethyl Benzene

Concen: 49.714 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

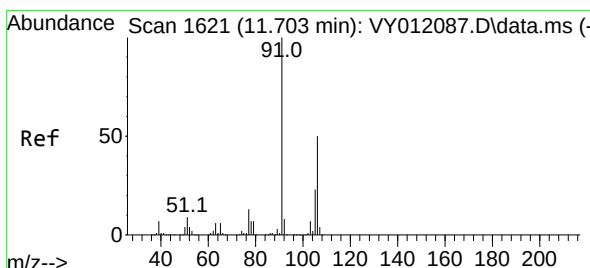
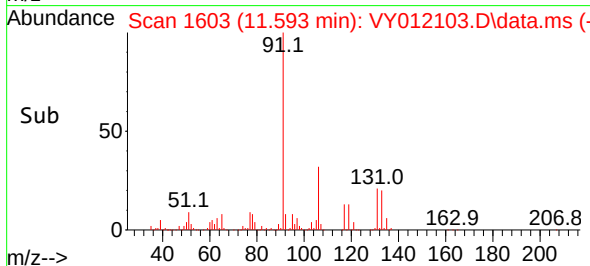
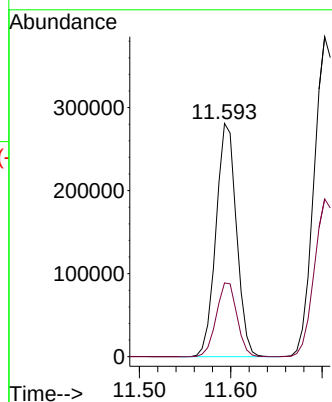
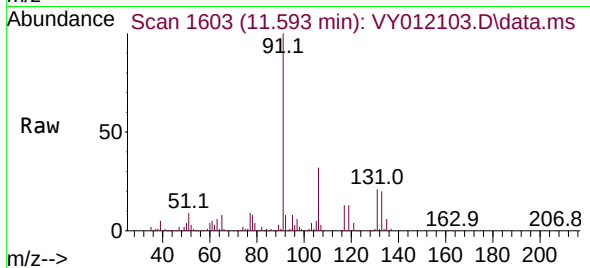
VSTDCCC050

Tgt Ion: 91 Resp: 437140

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 99.611 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012103.D

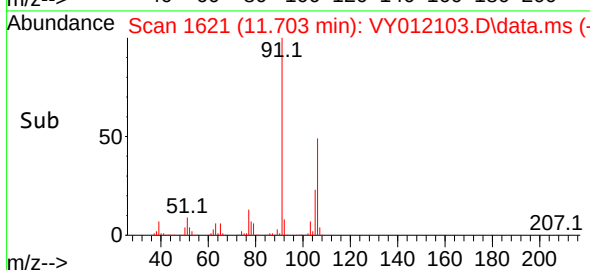
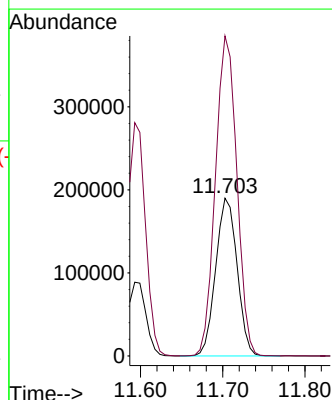
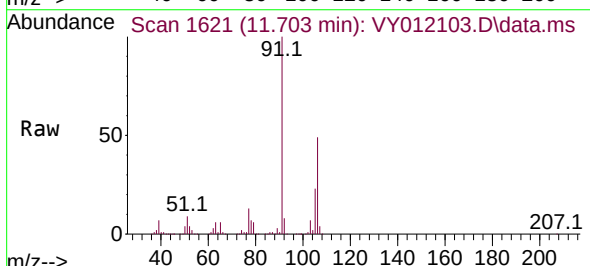
Acq: 09 Jan 2023 11:41

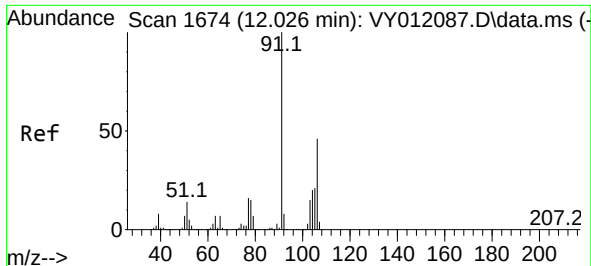
Tgt Ion:106 Resp: 343536

Ion Ratio Lower Upper

106 100

91 202.7 162.5 243.7

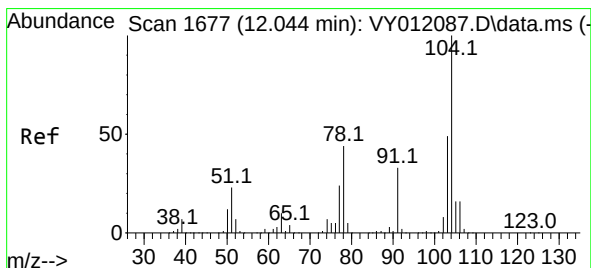
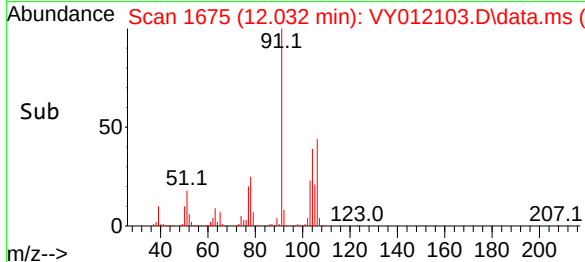
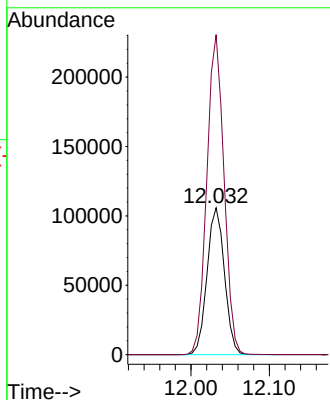
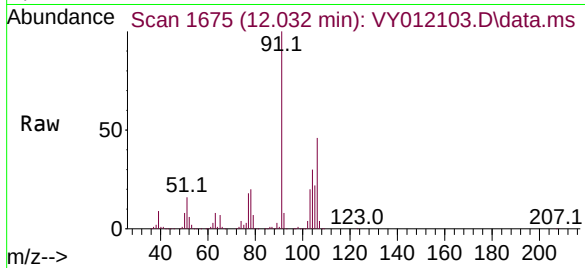




#69
o-Xylene
Concen: 49.769 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

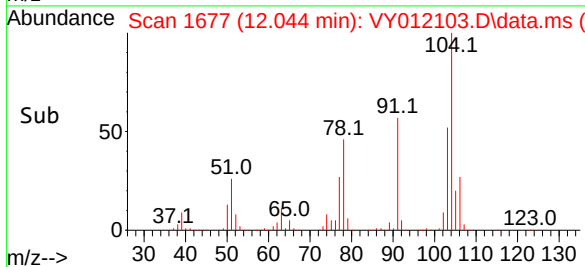
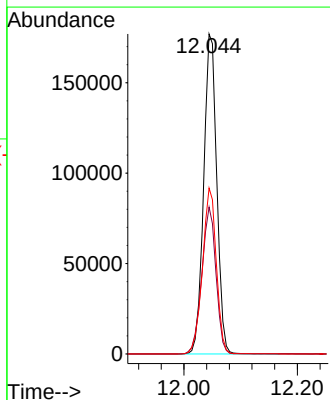
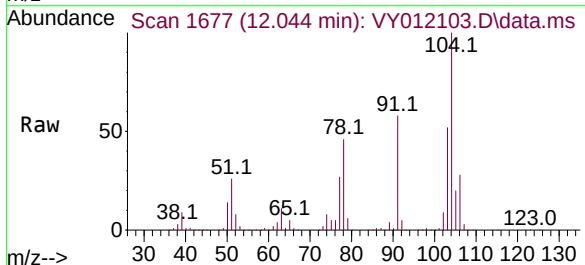
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

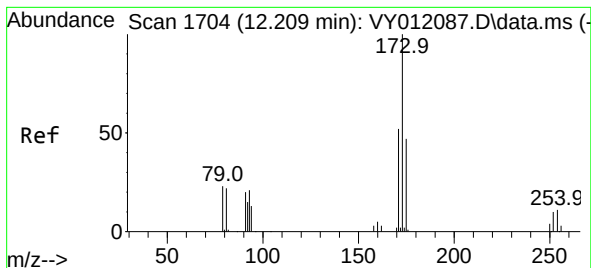
Tgt Ion:106 Resp: 163432
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.4



#70
Styrene
Concen: 50.814 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:104 Resp: 283443
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 51.658 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

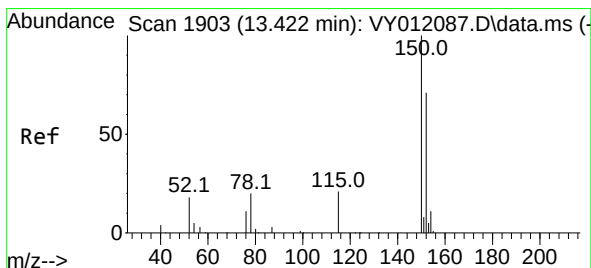
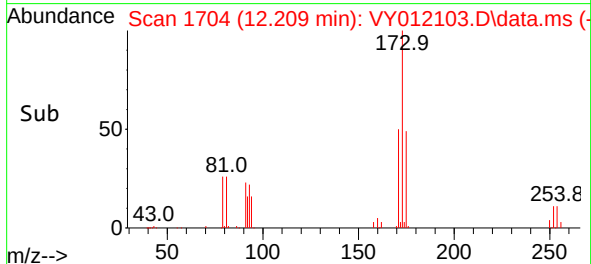
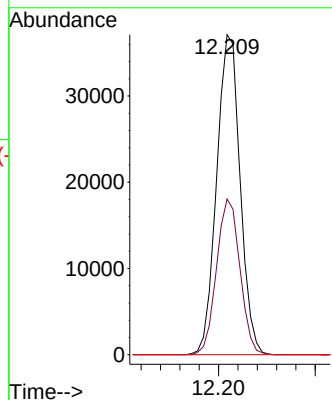
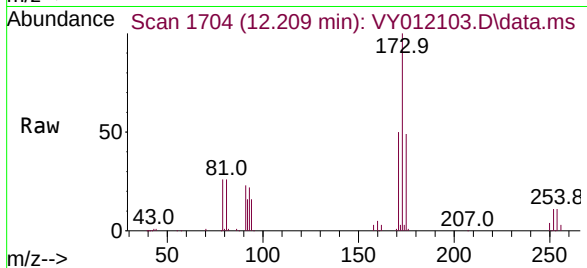
Tgt Ion:173 Resp: 62340

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

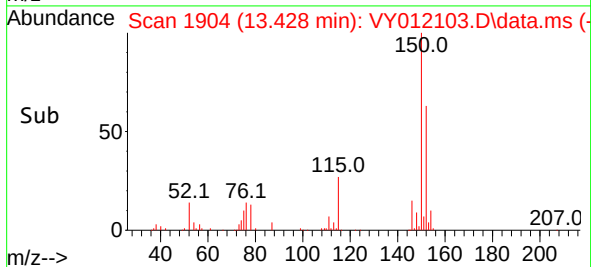
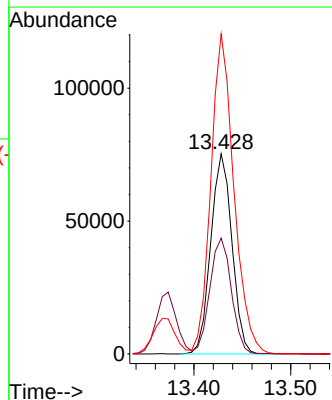
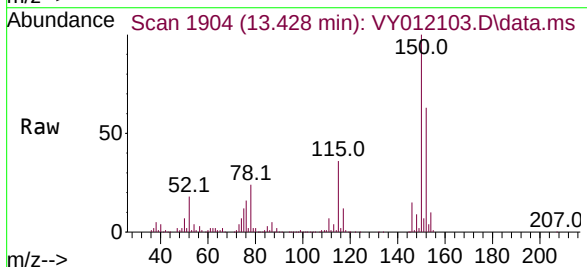
Tgt Ion:152 Resp: 114812

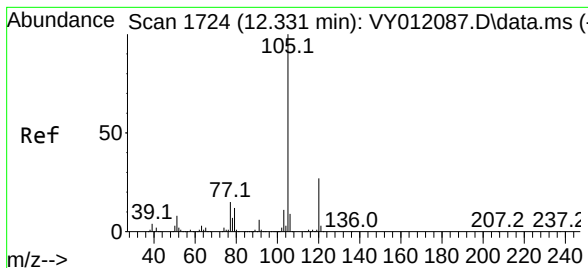
Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

150 173.7 0.0 342.6





#73

Isopropylbenzene

Concen: 49.655 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

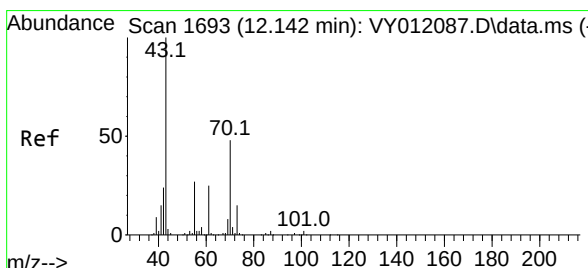
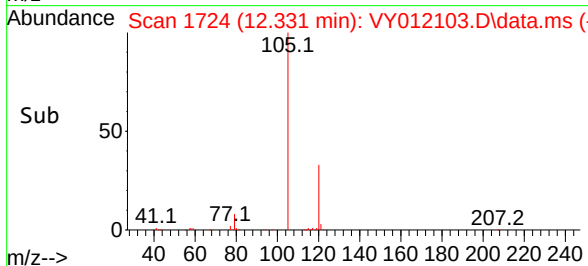
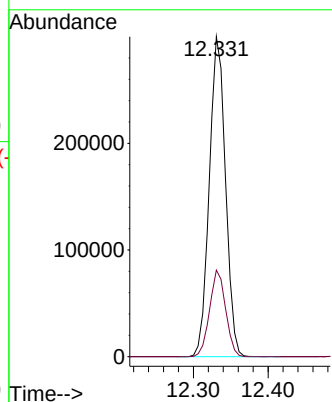
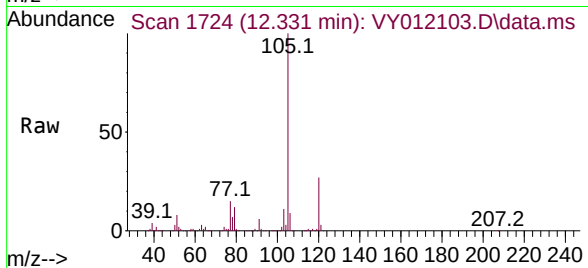
VSTDCCC050

Tgt Ion:105 Resp: 451108

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 49.597 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Tgt Ion: 43 Resp: 93021

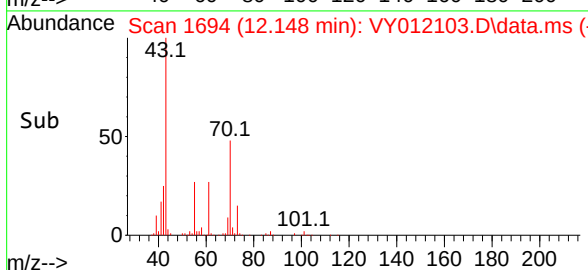
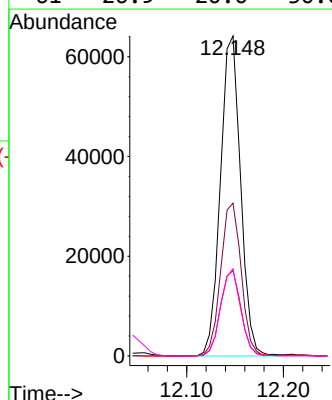
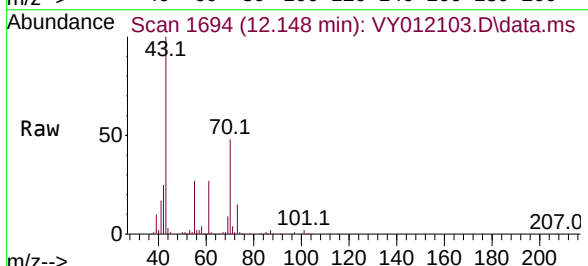
Ion Ratio Lower Upper

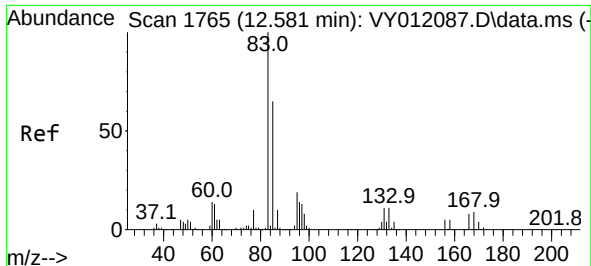
43 100

70 48.5 35.8 53.8

55 27.2 21.0 31.4

61 26.9 20.0 30.0

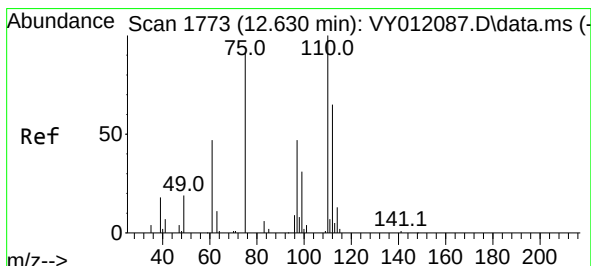
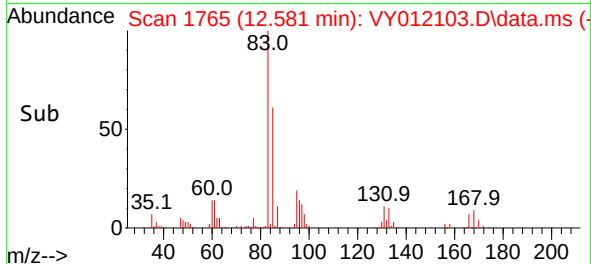
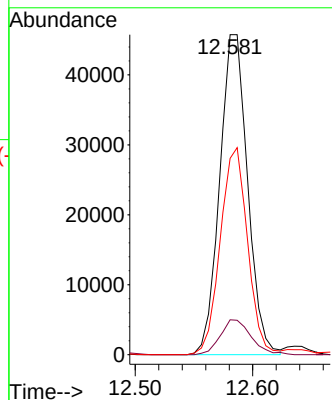
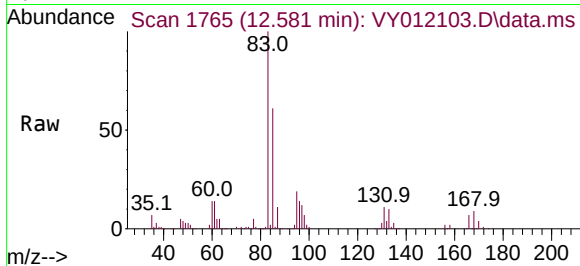




#75
1,1,2,2-Tetrachloroethane
Concen: 49.486 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

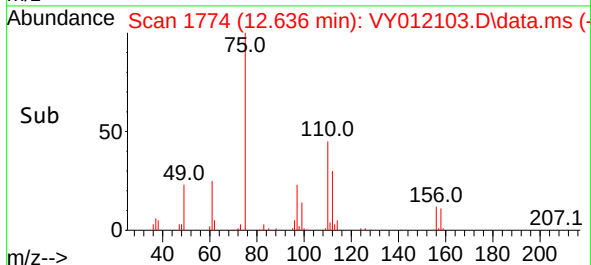
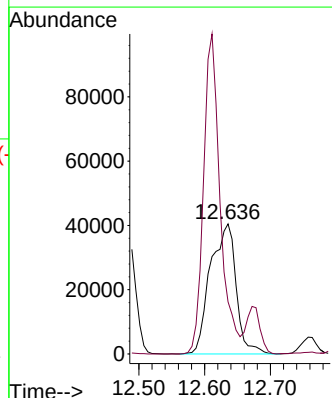
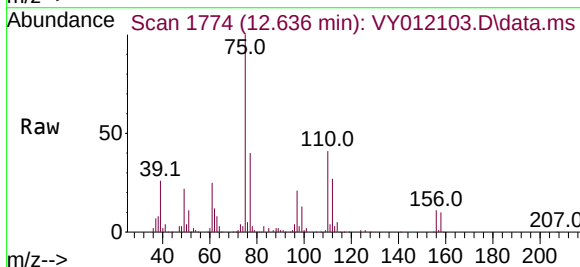
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

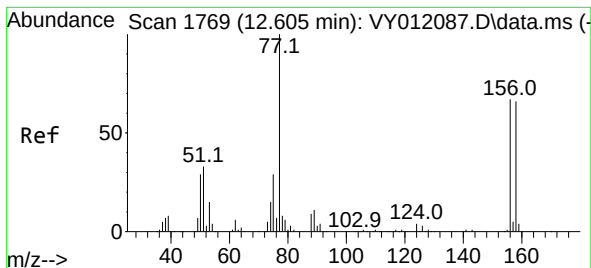
Tgt Ion: 83 Resp: 75625
Ion Ratio Lower Upper
83 100
131 12.0 5.6 16.8
85 63.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 84.170 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 75 Resp: 110341
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.354 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

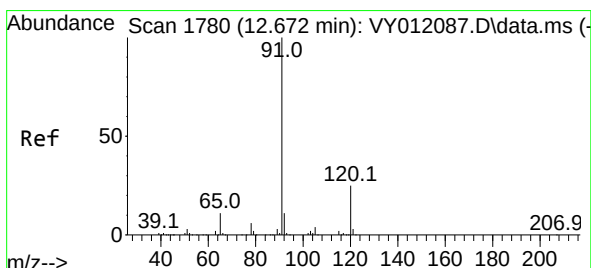
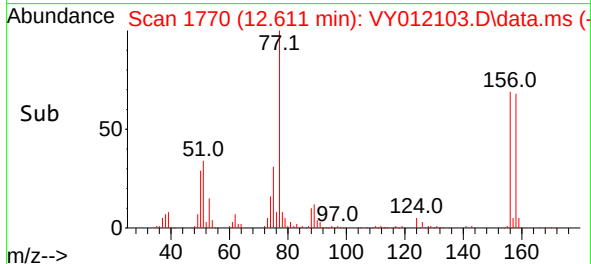
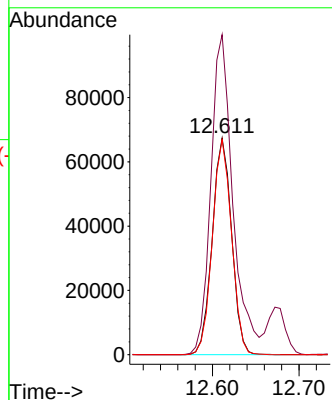
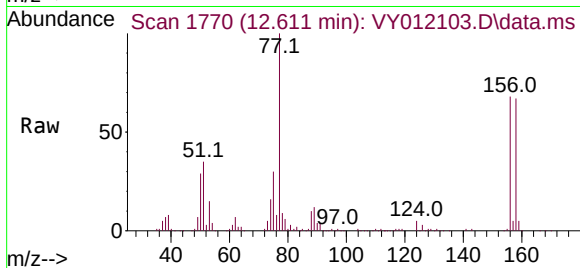
Tgt Ion:156 Resp: 104771

Ion Ratio Lower Upper

156 100

77 167.3 90.0 270.0

158 98.4 48.4 145.2



#78

n-propylbenzene

Concen: 49.637 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012103.D

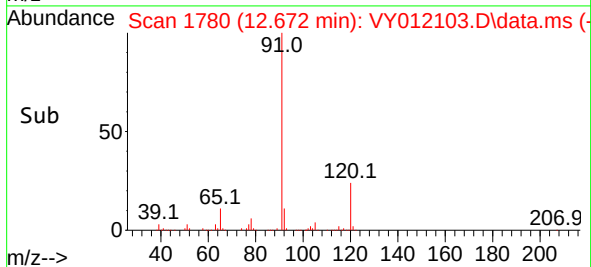
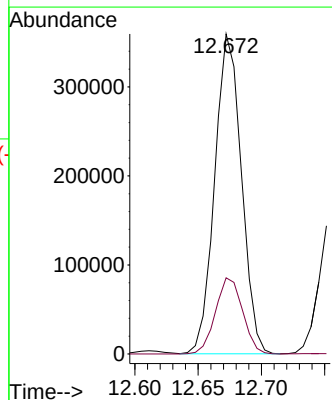
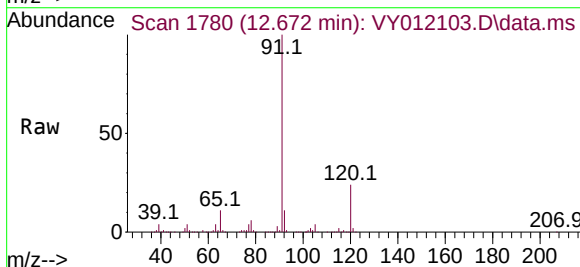
Acq: 09 Jan 2023 11:41

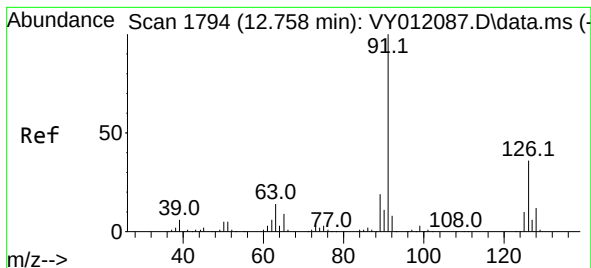
Tgt Ion: 91 Resp: 526422

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4

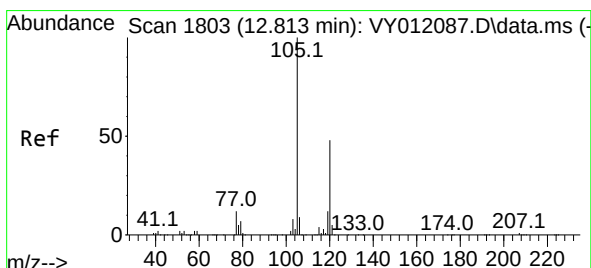
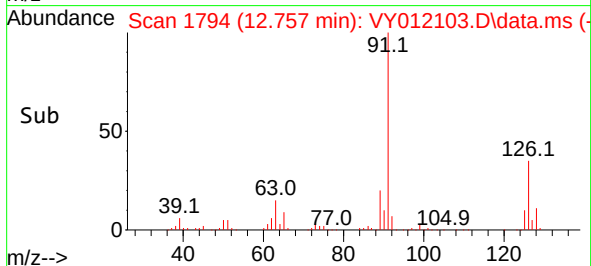
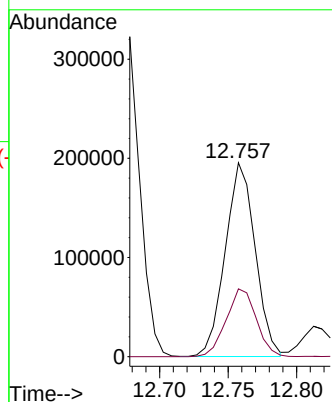
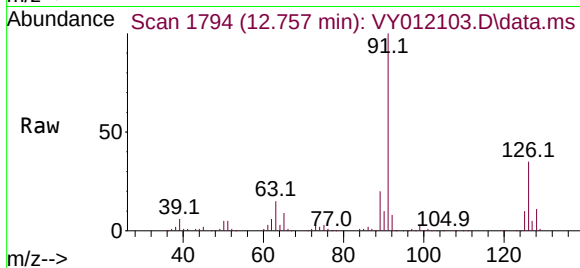




#79
2-Chlorotoluene
Concen: 48.948 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

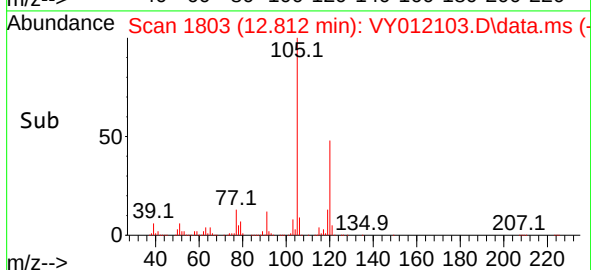
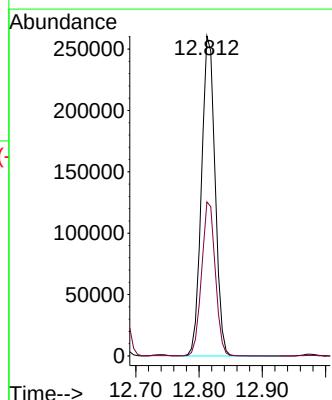
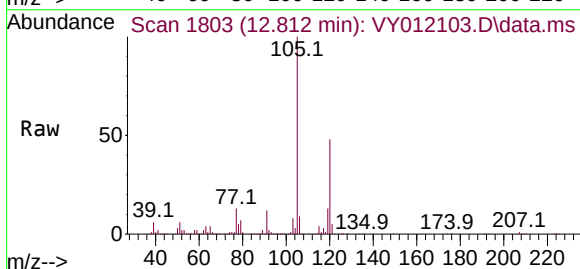
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

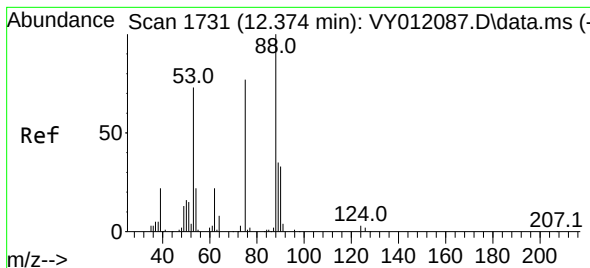
Tgt Ion: 91 Resp: 296943
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 50.081 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 105 Resp: 390232
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6

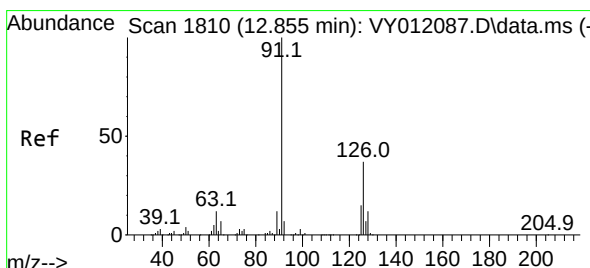
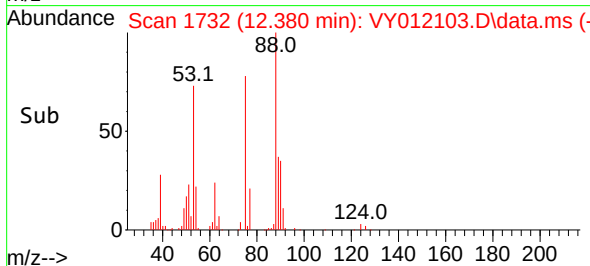
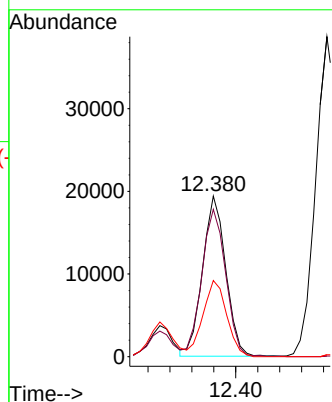
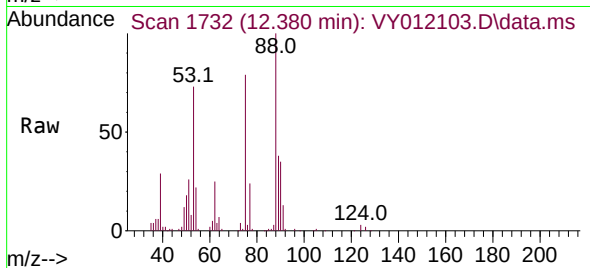




#81
trans-1,4-Dichloro-2-butene
Concen: 48.216 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

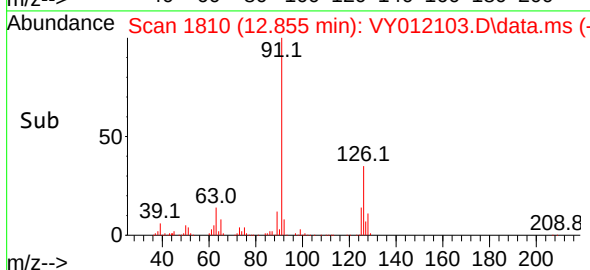
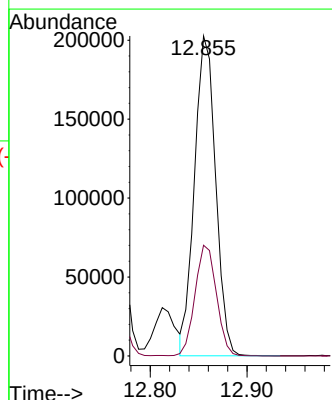
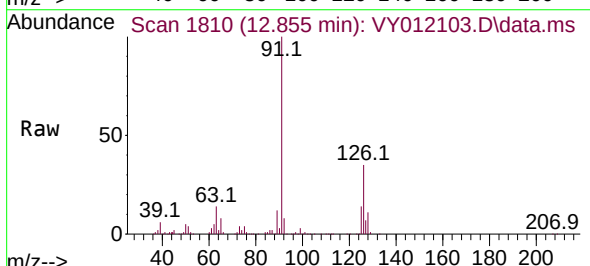
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

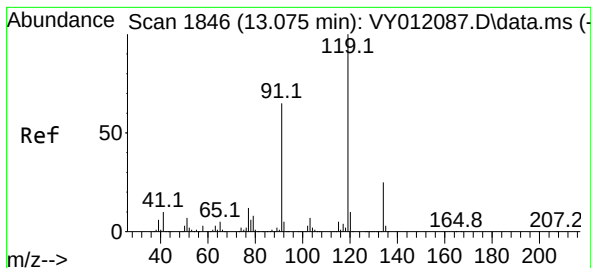
Tgt Ion: 75 Resp: 28461
Ion Ratio Lower Upper
75 100
53 95.6 72.5 108.7
89 48.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.501 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 91 Resp: 307747
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.133 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

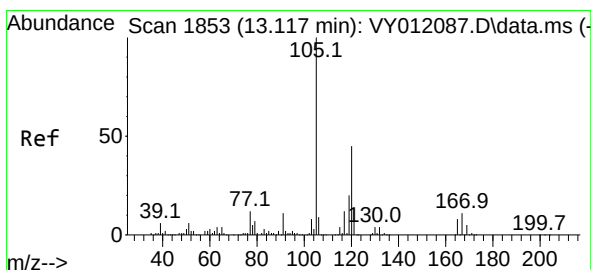
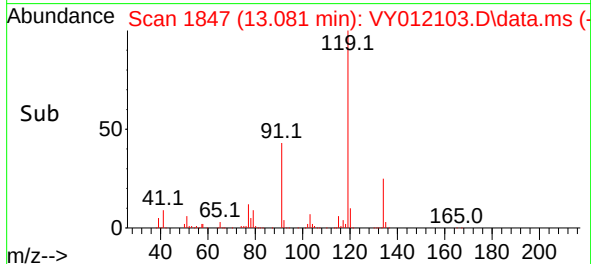
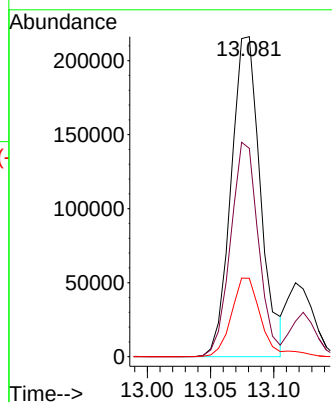
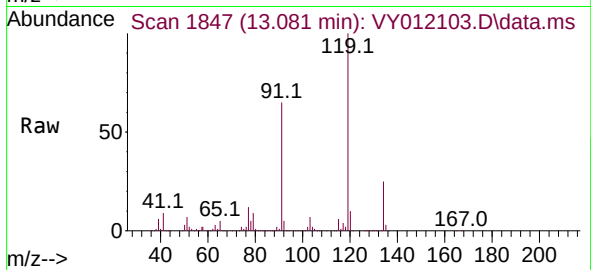
Tgt Ion:119 Resp: 349096

Ion Ratio Lower Upper

119 100

91 63.9 32.3 96.8

134 25.1 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 50.433 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012103.D

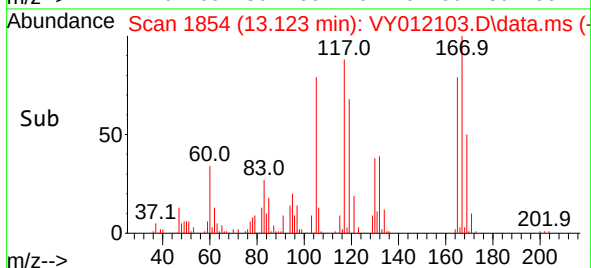
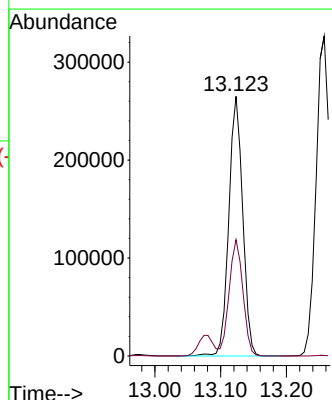
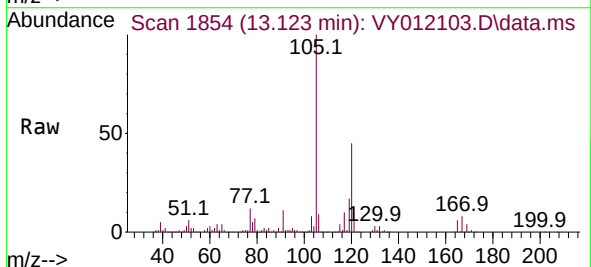
Acq: 09 Jan 2023 11:41

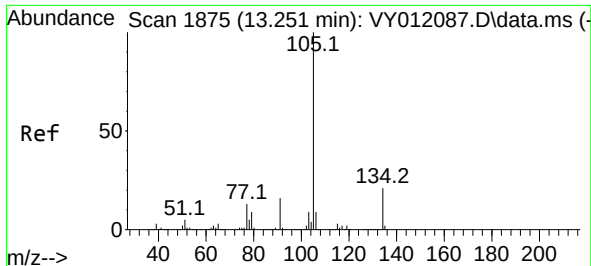
Tgt Ion:105 Resp: 388994

Ion Ratio Lower Upper

105 100

120 44.1 22.9 68.7

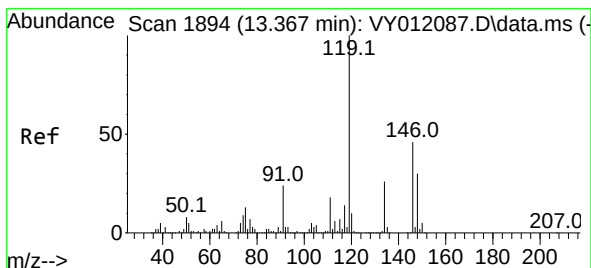
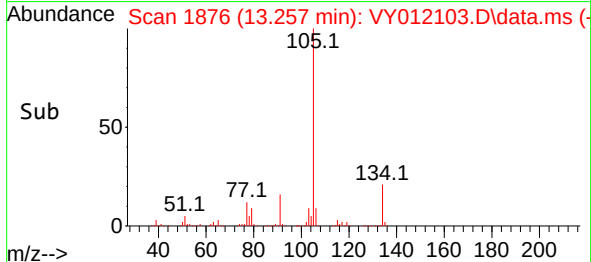
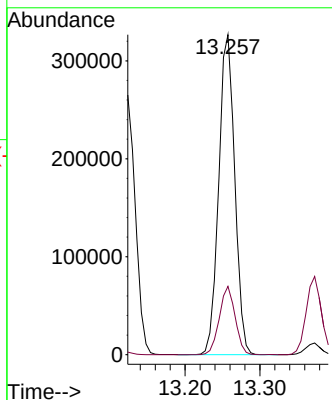
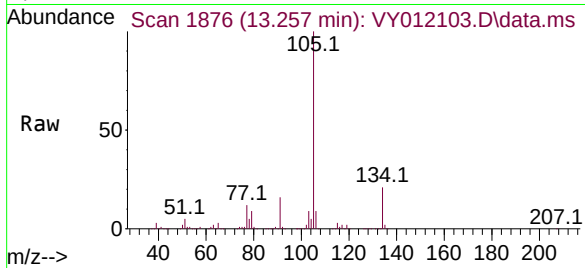




#85
 sec-Butylbenzene
 Concen: 49.712 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

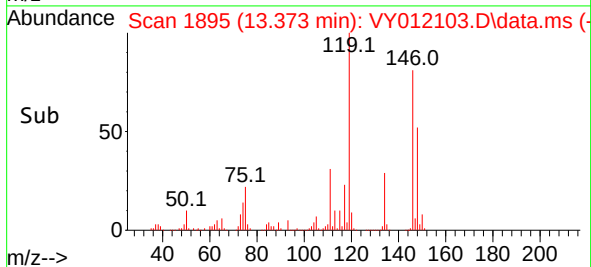
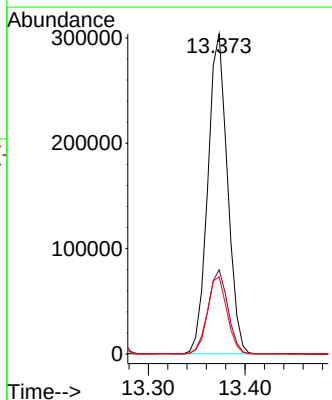
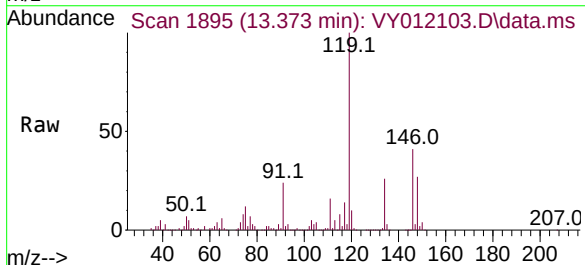
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

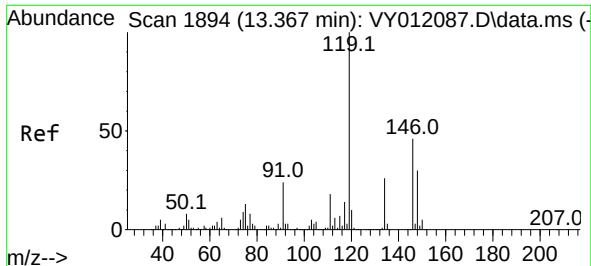
Tgt Ion:105 Resp: 487818
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.345 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012103.D
 Acq: 09 Jan 2023 11:41

Tgt Ion:119 Resp: 428005
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 11.9 35.9

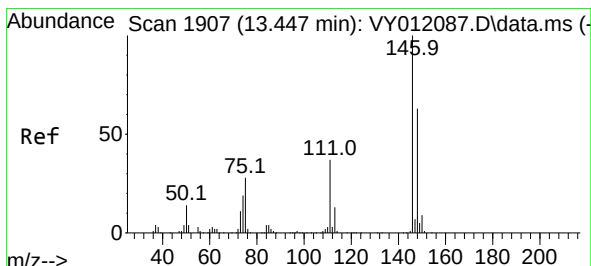
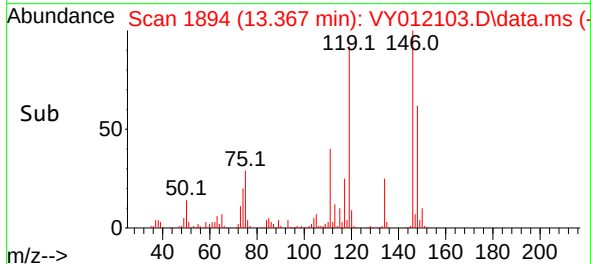
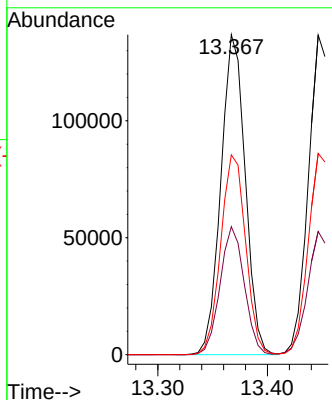
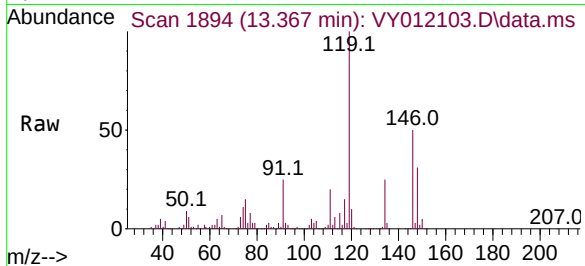




#87
1,3-Dichlorobenzene
Concen: 48.616 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

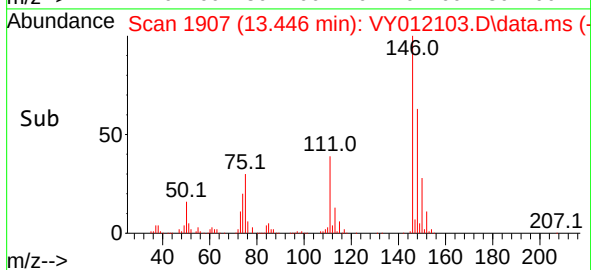
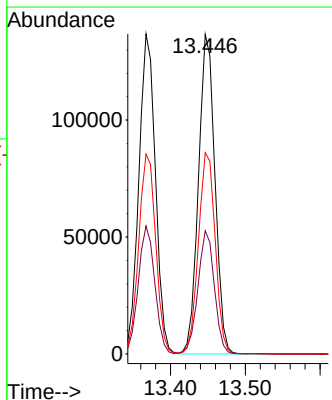
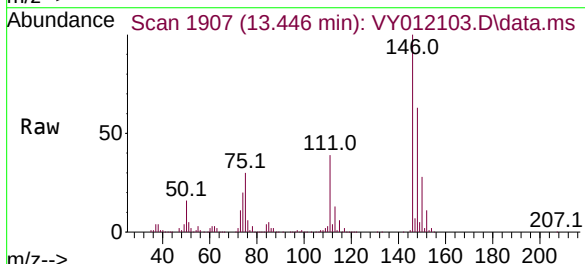
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

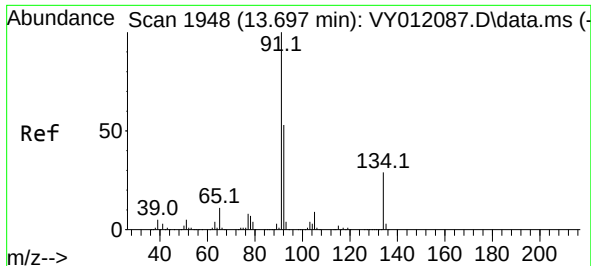
Tgt Ion:146 Resp: 211158
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.0
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.273 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:146 Resp: 209447
Ion Ratio Lower Upper
146 100
111 38.3 19.6 58.7
148 64.2 31.9 95.7

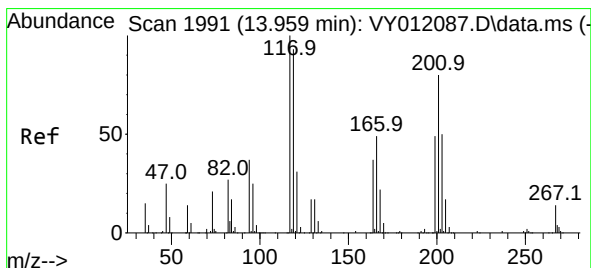
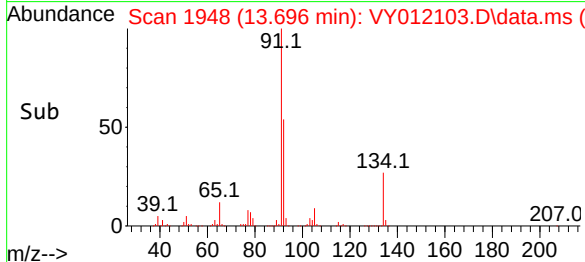
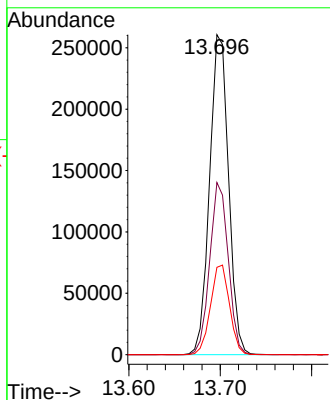
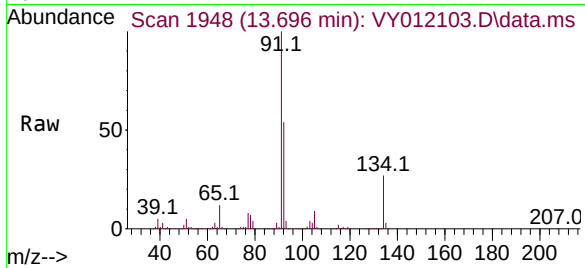




#89
n-Butylbenzene
Concen: 50.905 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

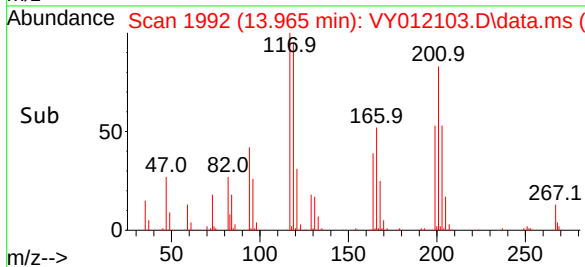
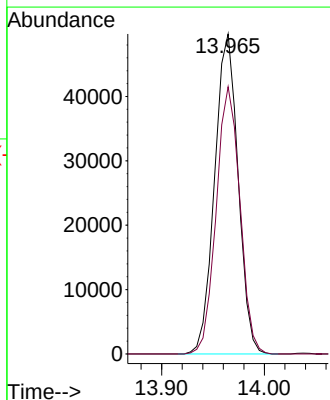
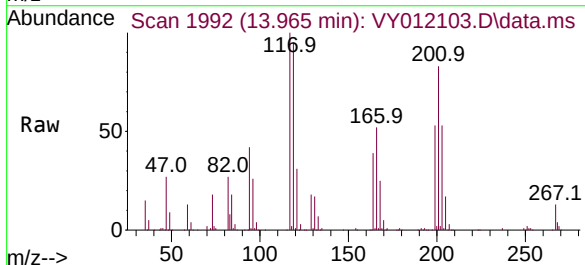
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

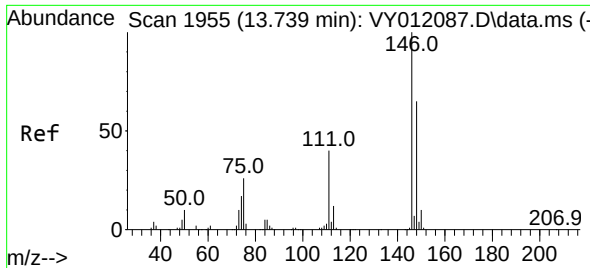
Tgt Ion: 91 Resp: 375031
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 28.1 13.3 39.8



#90
Hexachloroethane
Concen: 49.894 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion: 117 Resp: 78693
Ion Ratio Lower Upper
117 100
201 84.2 40.3 120.8

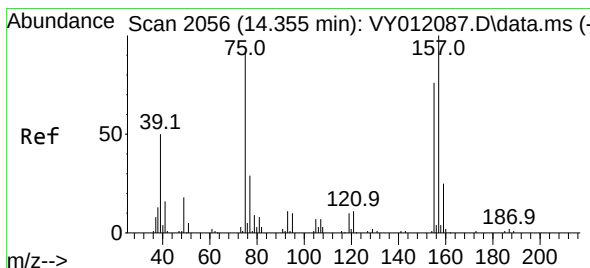
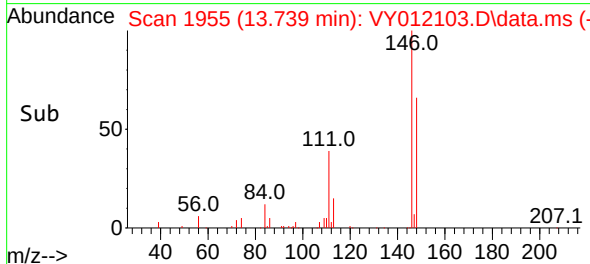
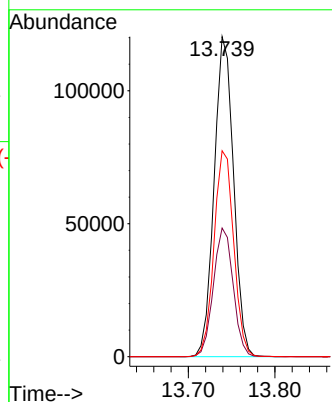
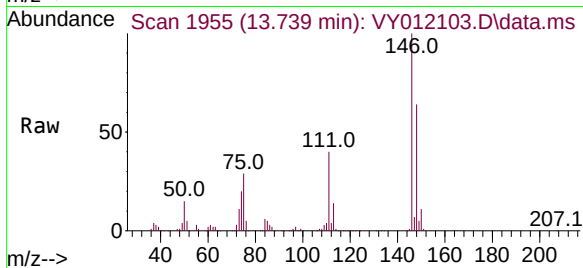




#91
1,2-Dichlorobenzene
Concen: 48.481 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

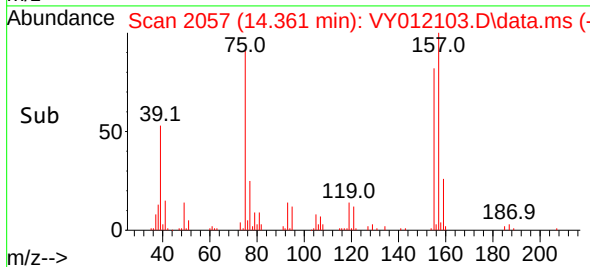
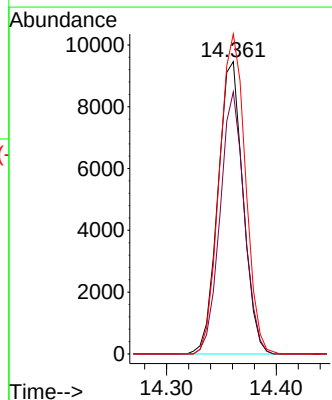
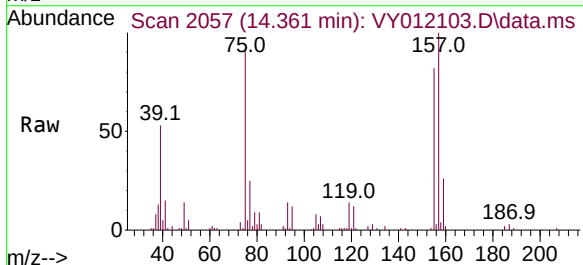
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

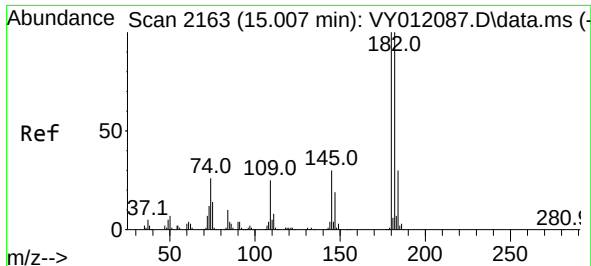
Tgt Ion:	146	Resp:	187592
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	60.8
148	65.1	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.626 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:	75	Resp:	15073
Ion Ratio	Lower	Upper	
75	100		
155	85.9	42.3	126.8
157	113.2	54.4	163.3

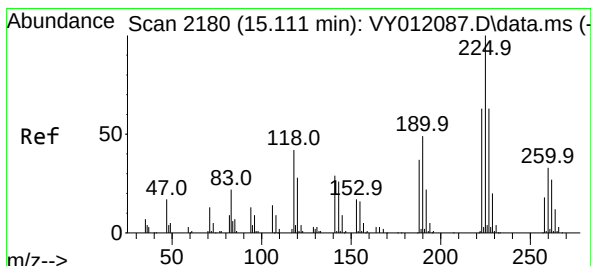
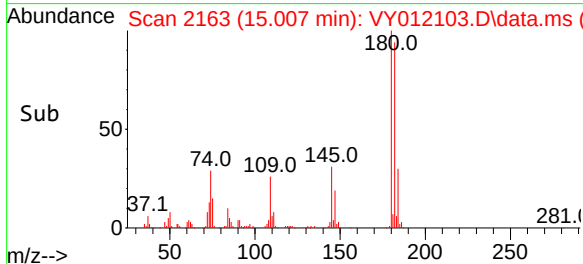
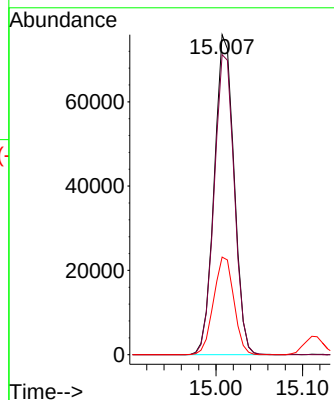
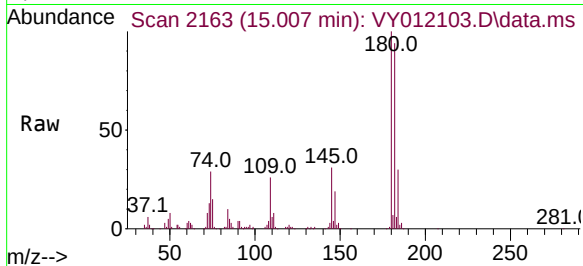




#93
1,2,4-Trichlorobenzene
Concen: 49.898 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

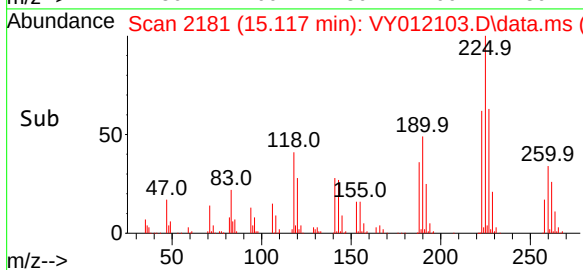
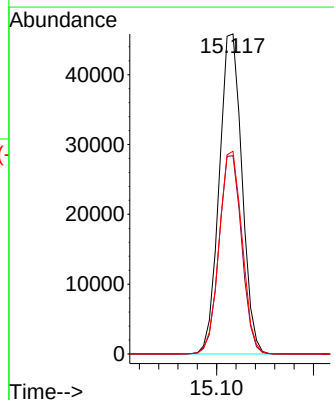
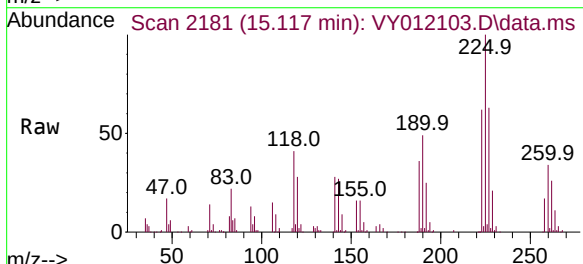
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

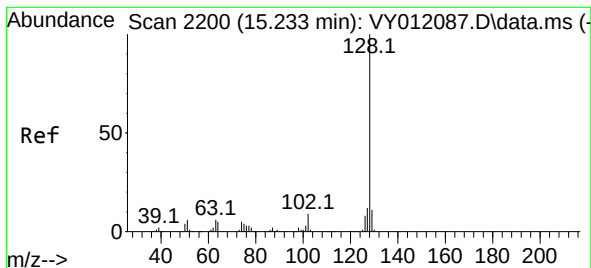
Tgt Ion:180 Resp: 120374
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 31.3 15.4 46.4



#94
Hexachlorobutadiene
Concen: 51.232 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY012103.D
Acq: 09 Jan 2023 11:41

Tgt Ion:225 Resp: 74571
Ion Ratio Lower Upper
225 100
223 62.0 31.4 94.2
227 64.0 32.6 97.8





#95

Naphthalene

Concen: 51.524 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

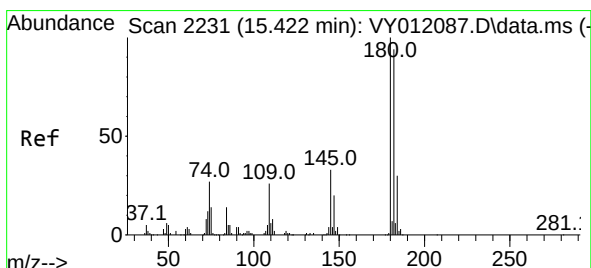
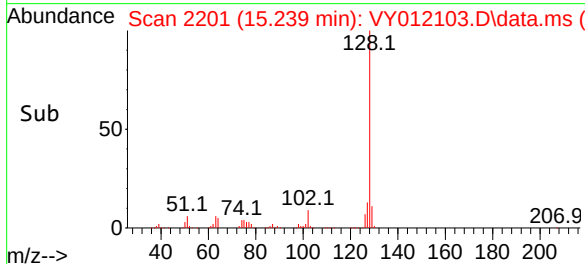
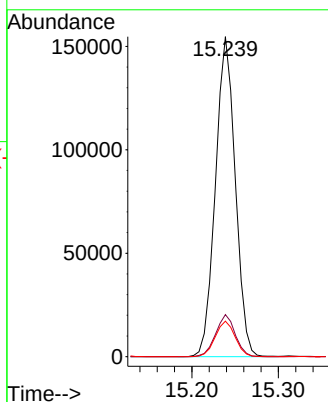
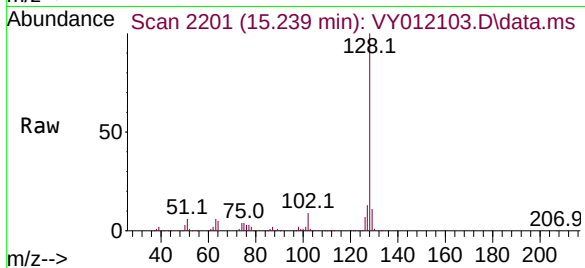
Tgt Ion:128 Resp: 245986

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.373 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012103.D

Acq: 09 Jan 2023 11:41

Tgt Ion:180 Resp: 105653

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 33.2 16.1 48.2

