

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012451.D
 Acq On : 02 Feb 2023 11:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 03:10:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	197045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75875	46.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.300%
35) Dibromofluoromethane	7.722	113	75470	47.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.300%
50) Toluene-d8	10.185	98	255249	45.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.483	95	102352	45.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69598	40.417	ug/l	96
3) Chloromethane	2.119	50	74742	47.018	ug/l	100
4) Vinyl Chloride	2.259	62	90720	48.893	ug/l	97
5) Bromomethane	2.656	94	67104	46.777	ug/l	97
6) Chloroethane	2.802	64	61046	50.447	ug/l	99
7) Trichlorofluoromethane	3.131	101	175939	48.584	ug/l	97
8) Diethyl Ether	3.533	74	56994	52.891	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	95990	54.463	ug/l	96
10) Methyl Iodide	4.094	142	130258	48.632	ug/l	99
11) Tert butyl alcohol	4.948	59	57862	301.046	ug/l	97
12) 1,1-Dichloroethene	3.881	96	93506	51.668	ug/l	97
13) Acrolein	3.728	56	19908	278.830	ug/l	99
14) Allyl chloride	4.484	41	128139	57.264	ug/l	93
15) Acrylonitrile	5.167	53	137483	292.093	ug/l	99
16) Acetone	3.948	43	134486	245.107	ug/l	100
17) Carbon Disulfide	4.204	76	252502	45.108	ug/l	99
18) Methyl Acetate	4.478	43	71063	57.880	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	275870	54.684	ug/l	96
20) Methylene Chloride	4.722	84	113050	49.051	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	103309	51.156	ug/l	91
22) Diisopropyl ether	6.124	45	266521	59.743	ug/l #	96
23) Vinyl Acetate	6.063	43	813693	292.709	ug/l	95
24) 1,1-Dichloroethane	6.021	63	172588	55.776	ug/l	99
25) 2-Butanone	6.990	43	167795	277.010	ug/l	91
26) 2,2-Dichloropropane	6.984	77	173118	51.538	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	120013	54.101	ug/l	95
28) Bromochloromethane	7.338	49	33773	49.976	ug/l	83
29) Tetrahydrofuran	7.350	42	99522	299.111	ug/l	88
30) Chloroform	7.508	83	194318	53.199	ug/l	98
31) Cyclohexane	7.789	56	145813	50.754	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	185449	51.284	ug/l	98
36) 1,1-Dichloropropene	7.923	75	138463	50.899	ug/l	98
37) Ethyl Acetate	7.075	43	67065	55.923	ug/l #	94
38) Carbon Tetrachloride	7.905	117	172139	48.995	ug/l	98
39) Methylcyclohexane	9.185	83	173690	52.247	ug/l	97
40) Benzene	8.161	78	415565	52.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	95183	135.028	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	126269	50.515	ug/l	100
43) Isopropyl Acetate	8.270	43	128431	57.562	ug/l	95
44) Trichloroethene	8.941	130	122924	52.379	ug/l	97
45) 1,2-Dichloropropane	9.221	63	94759	57.838	ug/l	98
46) Dibromomethane	9.307	93	58050	52.927	ug/l	95
47) Bromodichloromethane	9.496	83	149227	54.050	ug/l	99
48) Methyl methacrylate	9.295	41	59006	57.397	ug/l	93
49) 1,4-Dioxane	9.301	88	16678	1115.943	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	345822	290.672	ug/l	95
52) Toluene	10.246	92	276786	52.945	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	153900	53.291	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	169734	54.575	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	85600	54.932	ug/l	97
56) Ethyl methacrylate	10.514	69	116827	57.146	ug/l	94
57) 1,3-Dichloropropane	10.794	76	142201	55.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	175675	259.699	ug/l	92
59) 2-Hexanone	10.831	43	248609	274.463	ug/l	94
60) Dibromochloromethane	10.989	129	111981	54.181	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81463	54.176	ug/l	100
64) Tetrachloroethene	10.721	164	135826	54.550	ug/l	98
65) Chlorobenzene	11.520	112	298731	53.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	114836	54.492	ug/l	98
67) Ethyl Benzene	11.593	91	535197	53.637	ug/l	100
68) m/p-Xylenes	11.703	106	420660	106.625	ug/l	98
69) o-Xylene	12.032	106	202007	53.607	ug/l	98
70) Styrene	12.044	104	342341	54.373	ug/l	99
71) Bromoform	12.209	173	72173	53.604	ug/l #	98
73) Isopropylbenzene	12.331	105	542567	55.799	ug/l	99
74) N-amyl acetate	12.148	43	112506	59.024	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	90133	58.850	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	130274	105.063	ug/l #	100
77) Bromobenzene	12.611	156	128546	54.939	ug/l	93
78) n-propylbenzene	12.672	91	634373	55.752	ug/l	99
79) 2-Chlorotoluene	12.757	91	354865	55.160	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	461193	54.560	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	34259	56.928	ug/l	97
82) 4-Chlorotoluene	12.855	91	363543	53.797	ug/l	97
83) tert-Butylbenzene	13.080	119	408443	55.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	452658	54.301	ug/l	99
85) sec-Butylbenzene	13.257	105	584929	55.765	ug/l	98
86) p-Isopropyltoluene	13.373	119	497115	54.244	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	249292	53.570	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	247339	53.295	ug/l	99
89) n-Butylbenzene	13.696	91	441011	55.529	ug/l	99
90) Hexachloroethane	13.964	117	90891	54.938	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	224314	54.022	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16867	53.289	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	136355	51.251	ug/l	100
94) Hexachlorobutadiene	15.111	225	81527	50.895	ug/l	99
95) Naphthalene	15.239	128	279968	53.313	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	118236	51.643	ug/l	100

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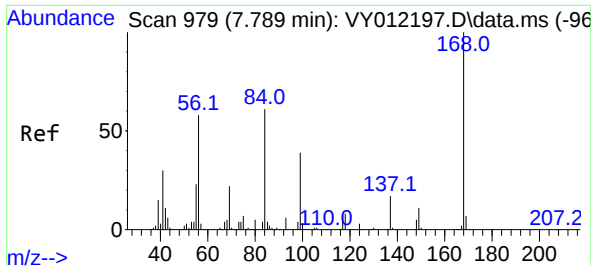
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QLast Update : Tue Jan 17 04:31:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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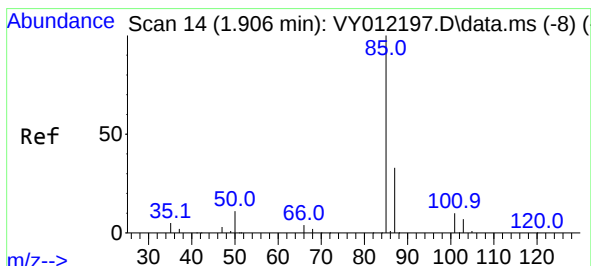
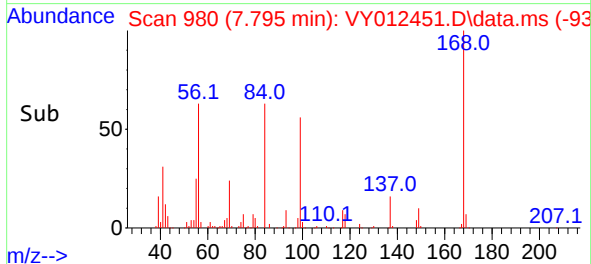
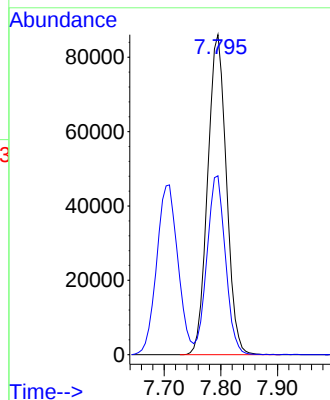
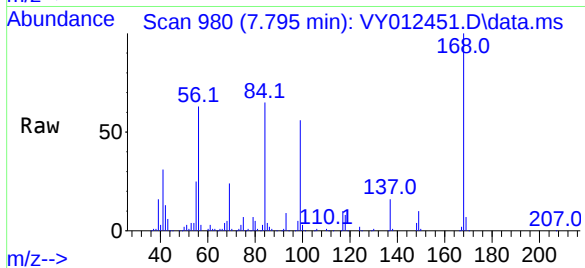




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012451.D
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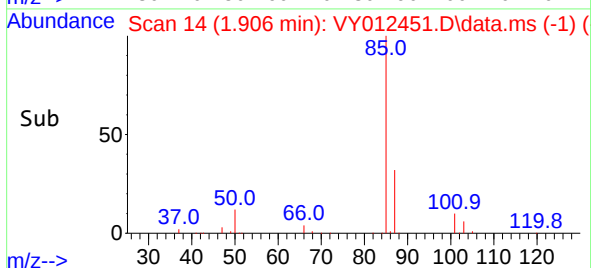
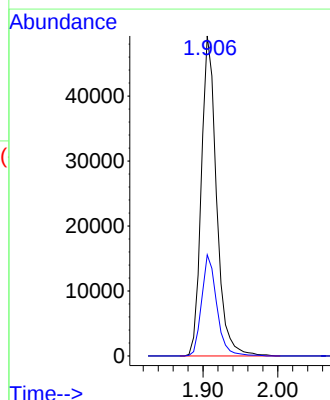
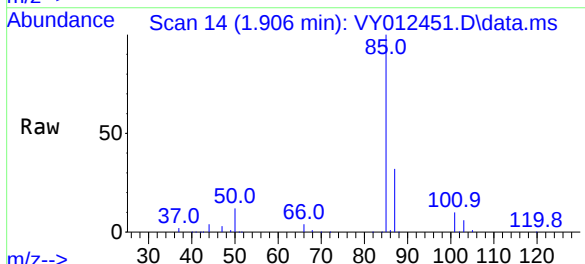
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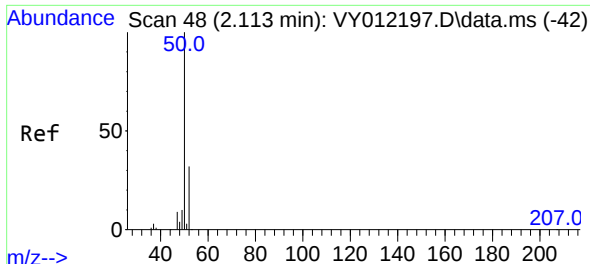
Tgt Ion:168 Resp: 197045
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 40.417 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 85 Resp: 69598
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.4

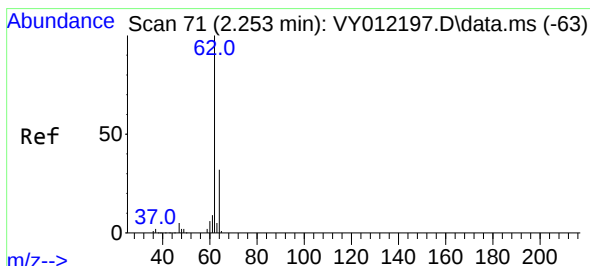
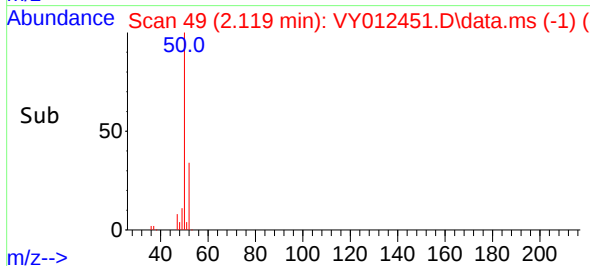
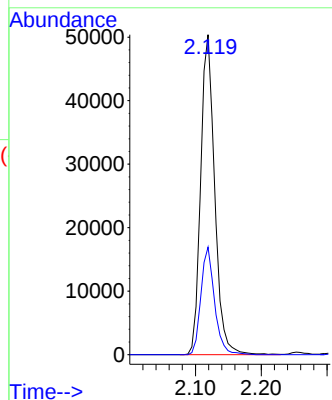
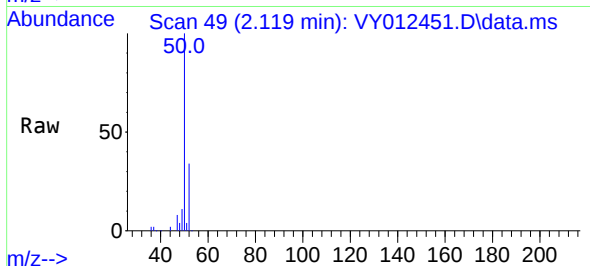




#3
Chloromethane
Concen: 47.018 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

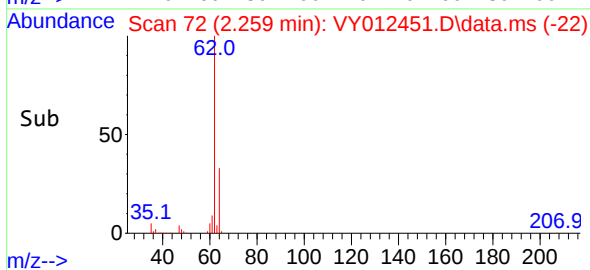
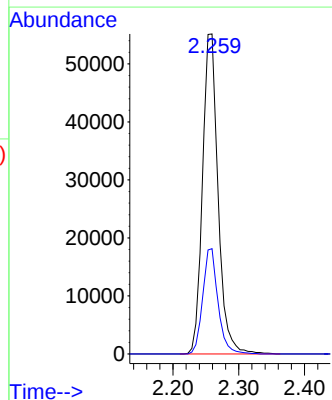
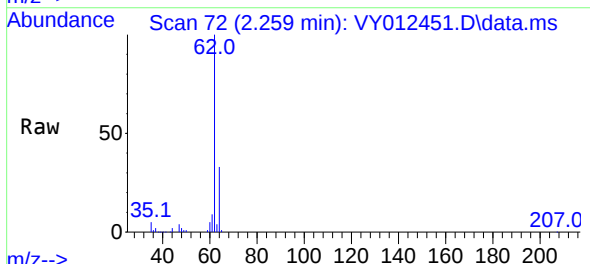
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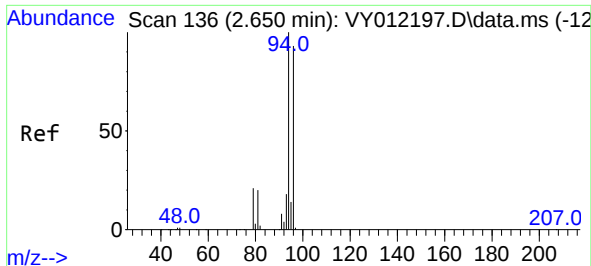
Tgt Ion: 50 Resp: 74742
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2



#4
Vinyl Chloride
Concen: 48.893 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 62 Resp: 90720
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6

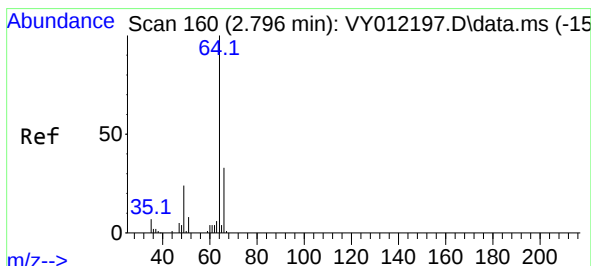
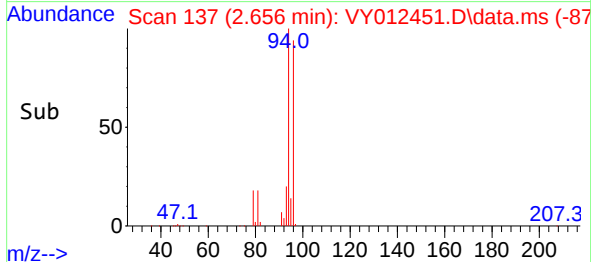
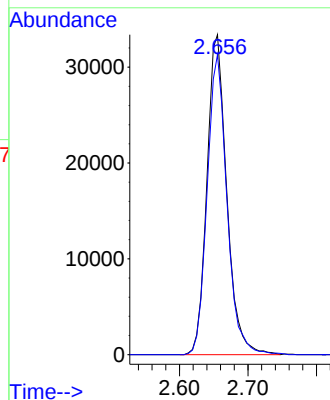
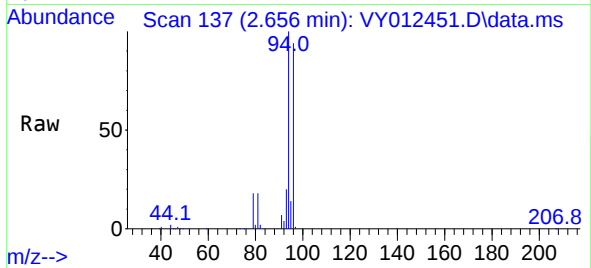




#5
Bromomethane
Concen: 46.777 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

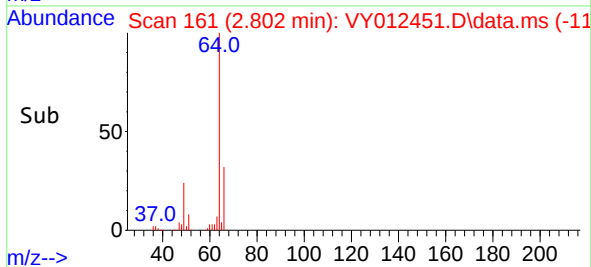
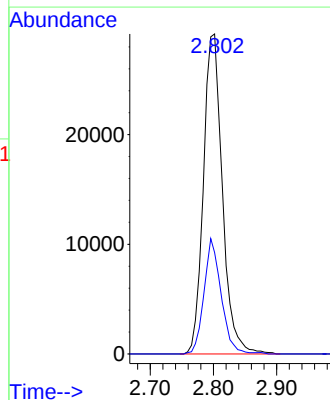
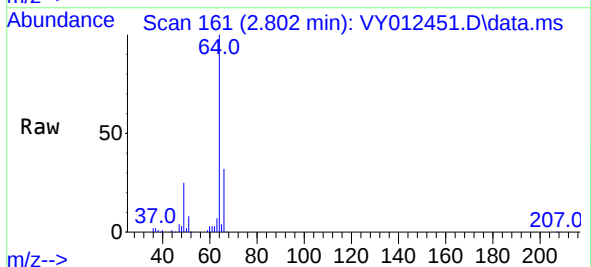
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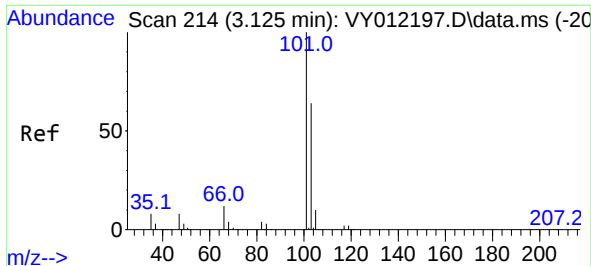
Tgt Ion: 94 Resp: 67104
Ion Ratio Lower Upper
94 100
96 93.8 77.4 116.2



#6
Chloroethane
Concen: 50.447 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 64 Resp: 61046
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.4

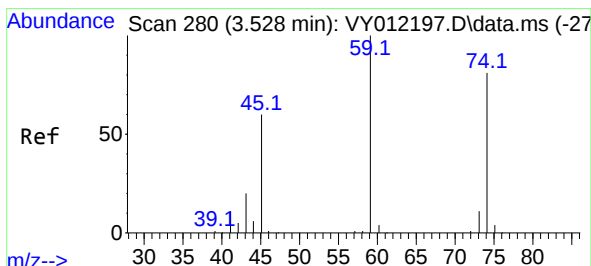
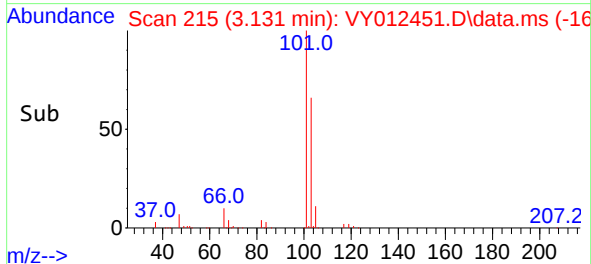
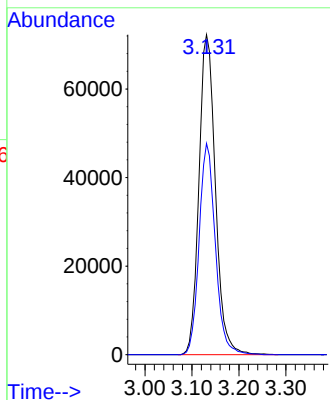
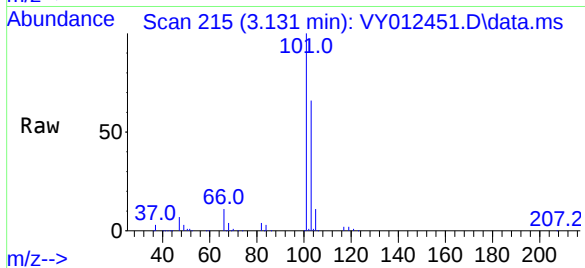




#7
Trichlorofluoromethane
Concen: 48.584 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012451.D
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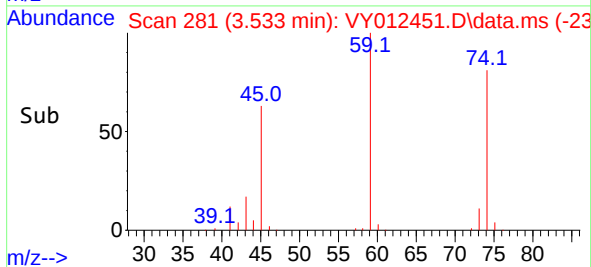
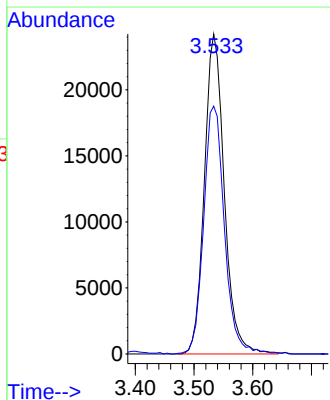
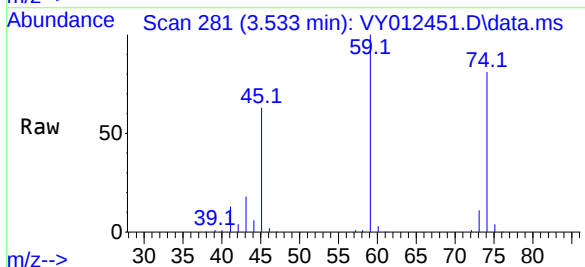
Instrument :
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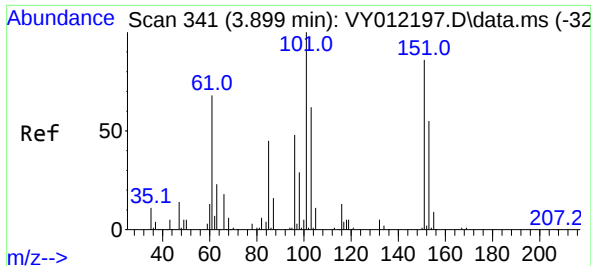
Tgt Ion:101 Resp: 175939
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6



#8
Diethyl Ether
Concen: 52.891 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 74 Resp: 56994
Ion Ratio Lower Upper
74 100
45 81.2 46.8 140.3

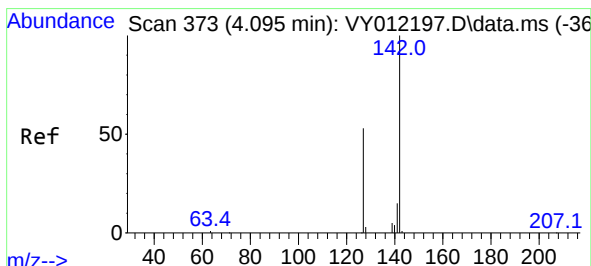
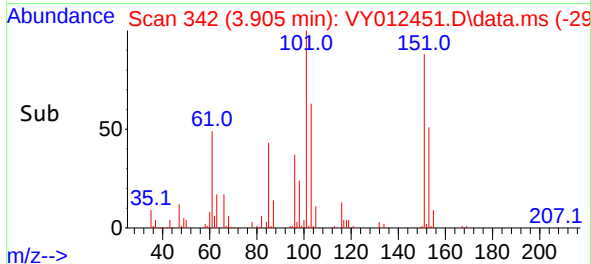
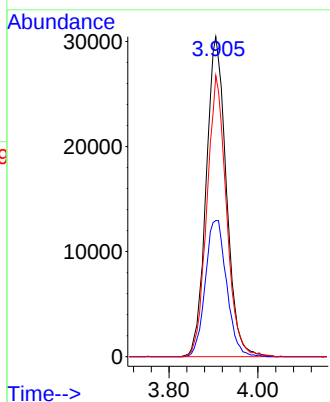
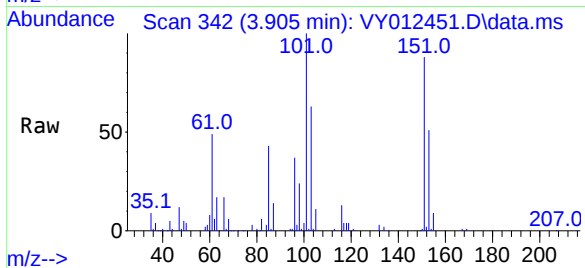




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.463 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

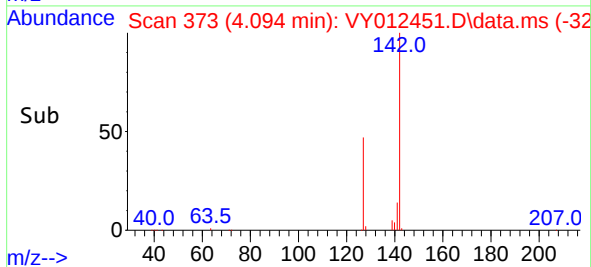
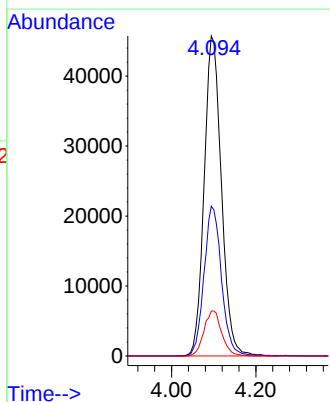
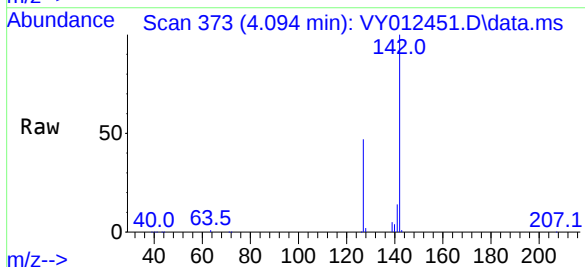
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

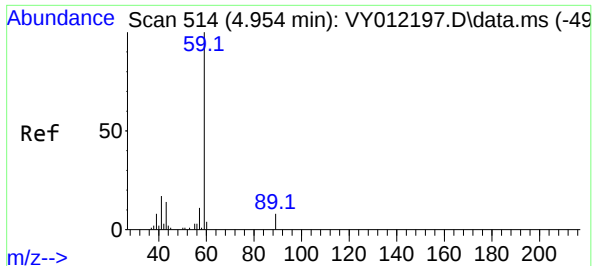
Tgt Ion:101 Resp: 95990
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.2
151 85.1 64.2 96.2



#10
Methyl Iodide
Concen: 48.632 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:142 Resp: 130258
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 14.5 11.4 17.0

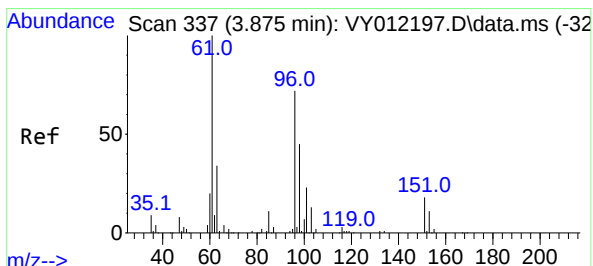
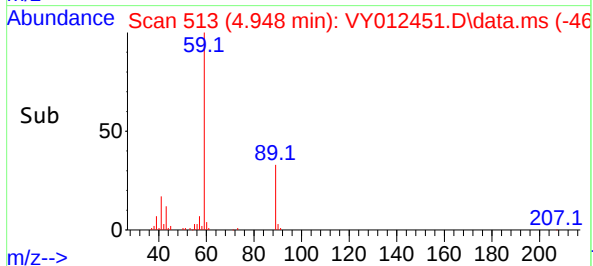
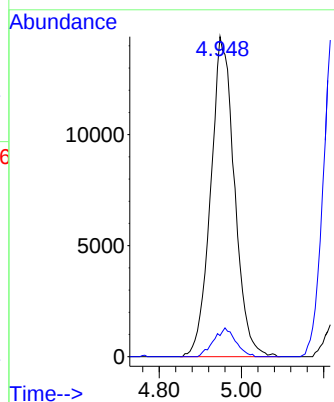
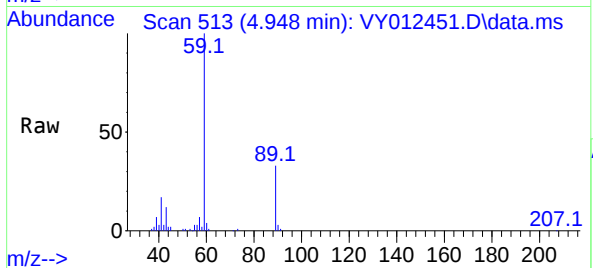




#11
Tert butyl alcohol
Concen: 301.046 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

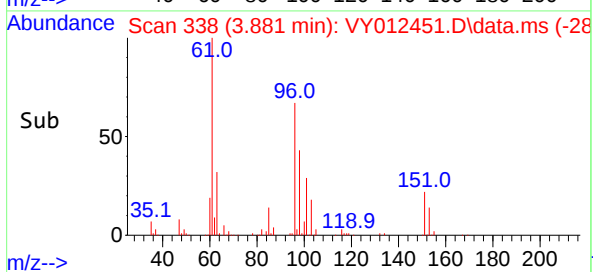
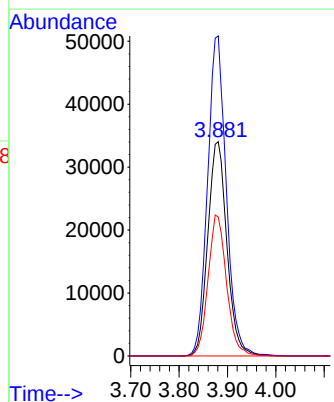
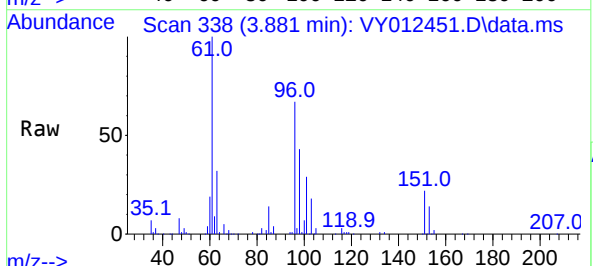
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

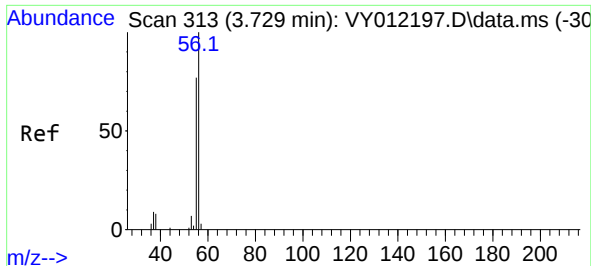
Tgt Ion: 59 Resp: 57862
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 51.668 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 96 Resp: 93506
Ion Ratio Lower Upper
96 100
61 149.3 122.0 183.0
98 64.8 48.6 73.0

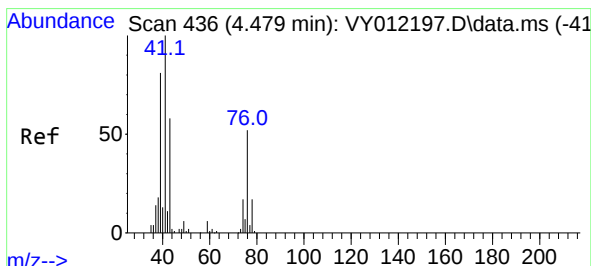
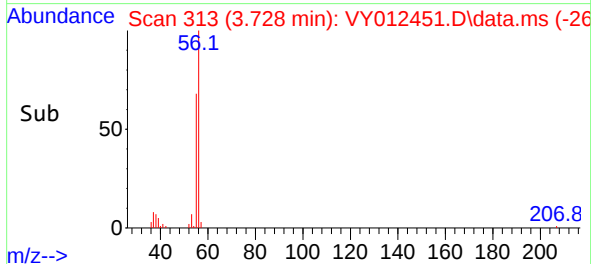
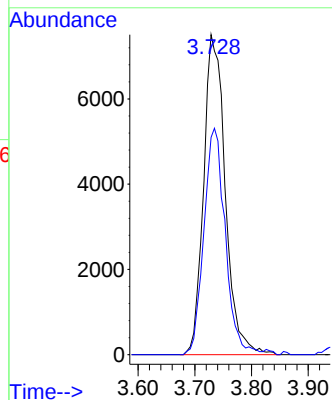
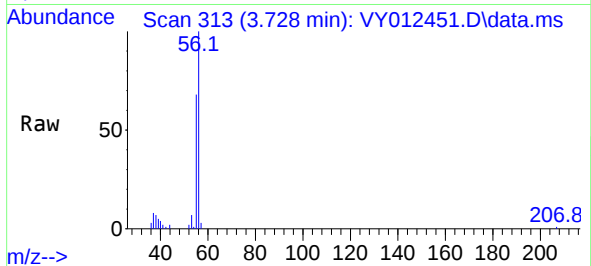




#13
Acrolein
Concen: 278.830 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

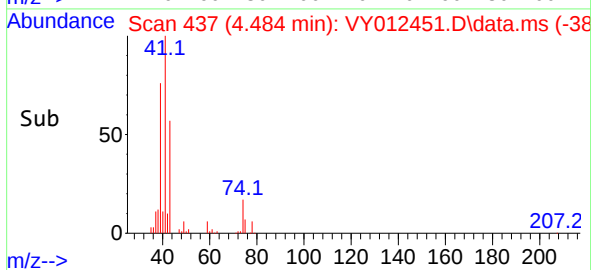
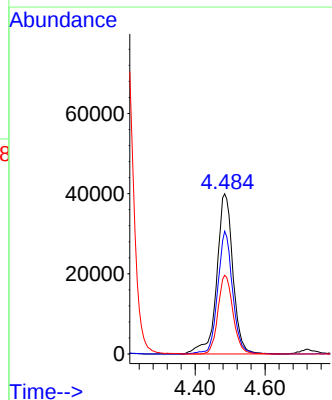
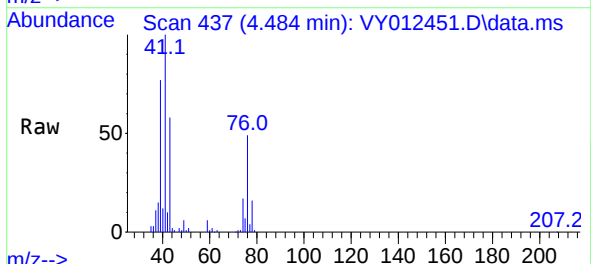
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

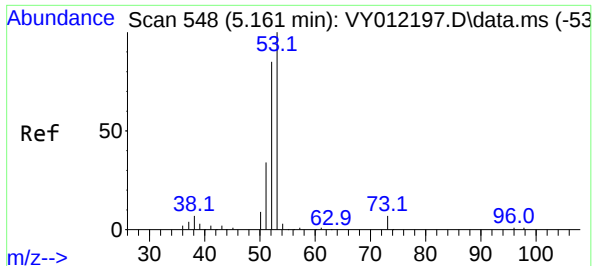
Tgt Ion: 56 Resp: 19908
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0



#14
Allyl chloride
Concen: 57.264 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 41 Resp: 128139
Ion Ratio Lower Upper
41 100
39 70.4 53.5 80.3
76 45.6 31.1 46.7

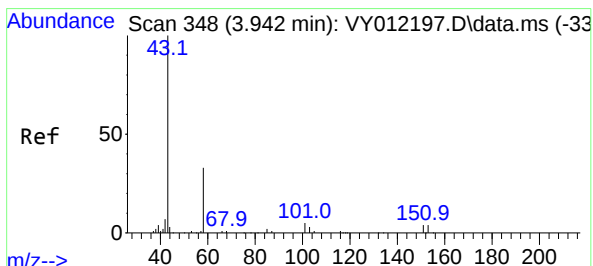
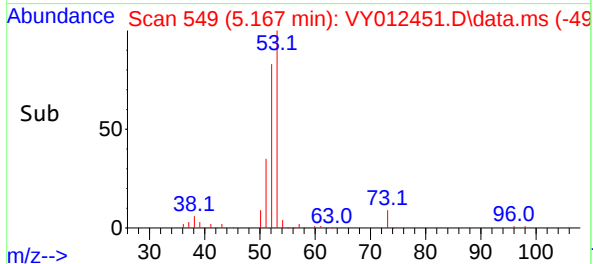
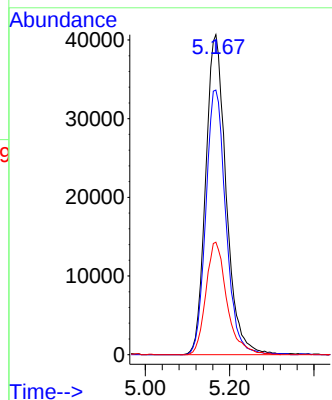
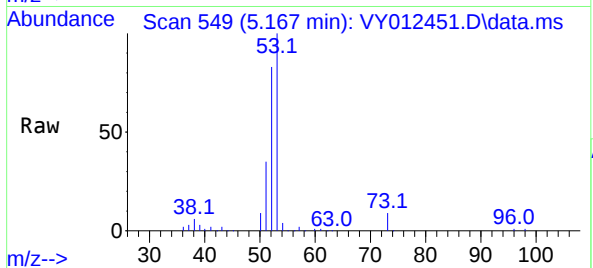




#15
Acrylonitrile
Concen: 292.093 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

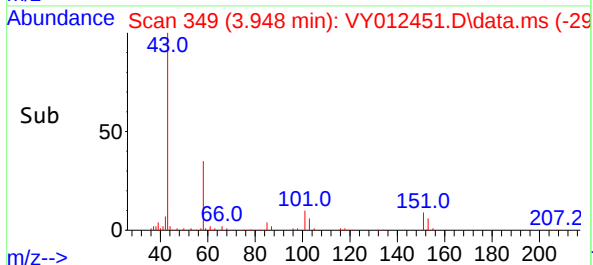
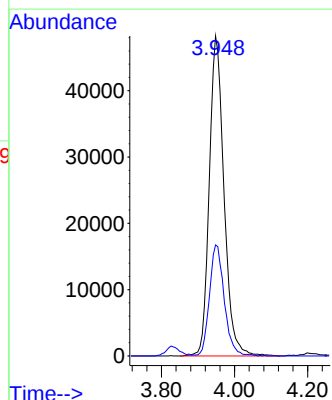
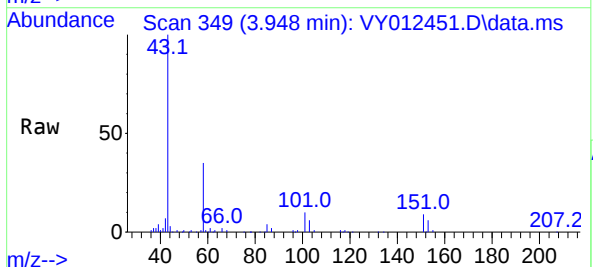
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

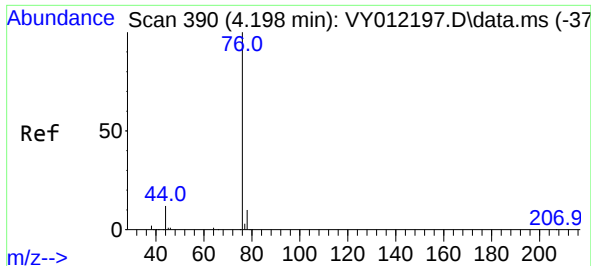
Tgt Ion: 53 Resp: 137483
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 36.2 28.7 43.1



#16
Acetone
Concen: 245.107 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 43 Resp: 134486
Ion Ratio Lower Upper
43 100
58 34.7 27.9 41.9

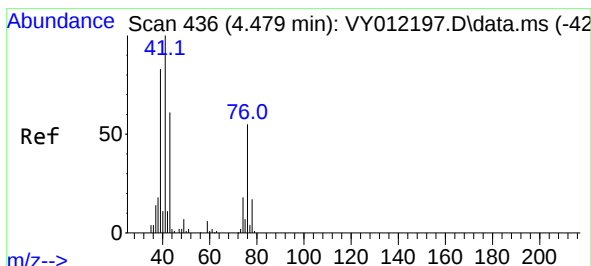
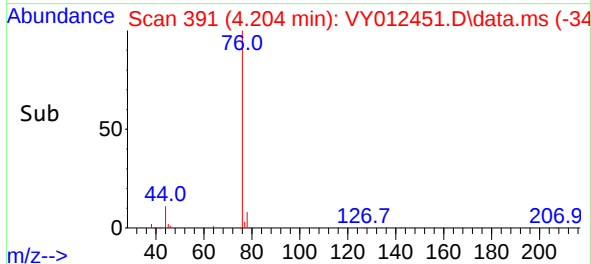
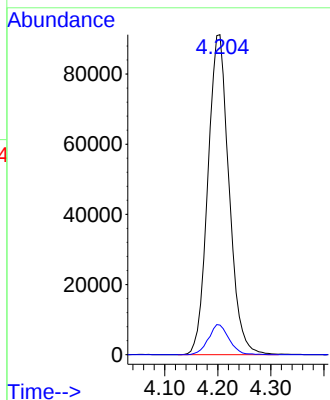
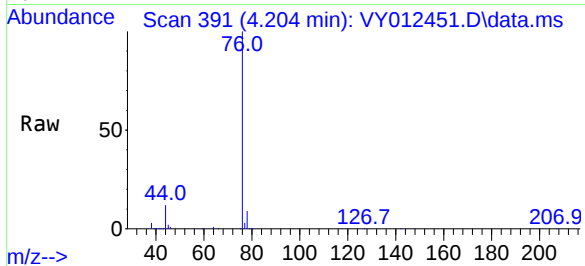




#17
Carbon Disulfide
Concen: 45.108 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

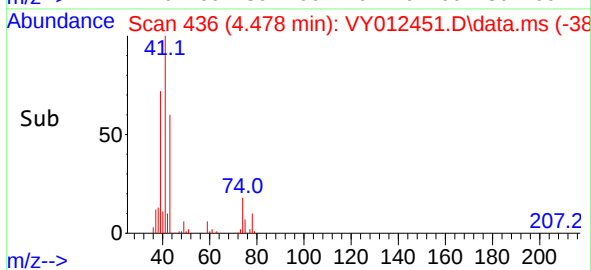
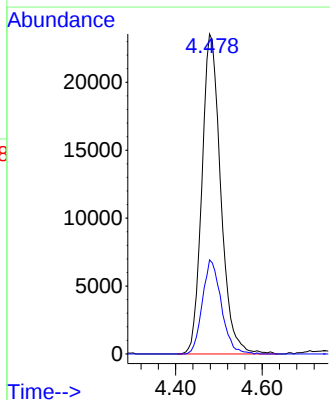
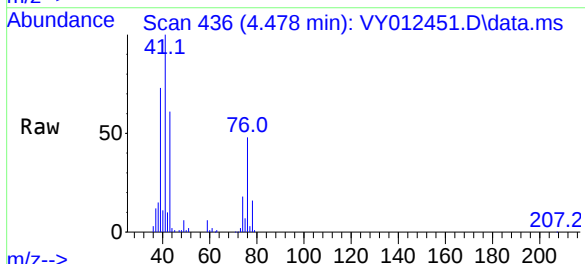
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

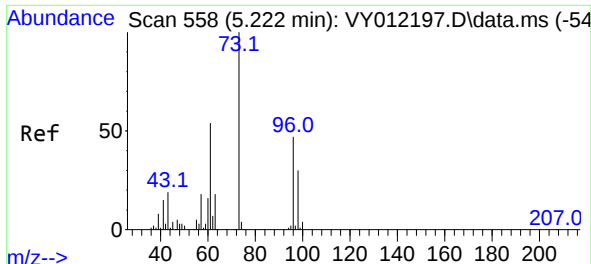
Tgt Ion: 76 Resp: 252502
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 57.880 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 43 Resp: 71063
Ion Ratio Lower Upper
43 100
74 29.6 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 54.684 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

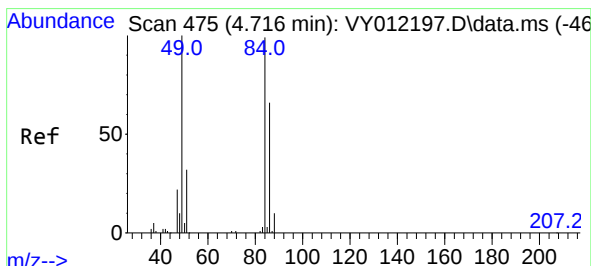
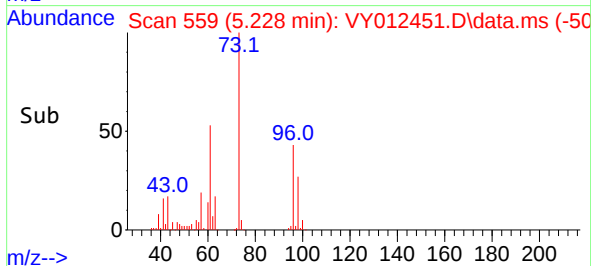
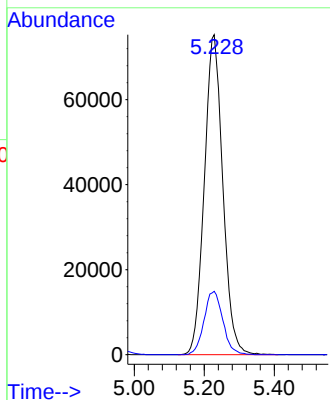
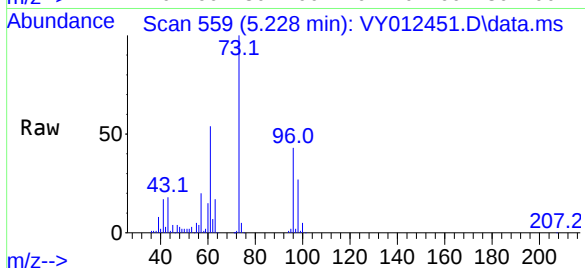
VSTDCCC050

Tgt Ion: 73 Resp: 275870

Ion Ratio Lower Upper

73 100

57 19.8 17.4 26.0



#20

Methylene Chloride

Concen: 49.051 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Tgt Ion: 84 Resp: 113050

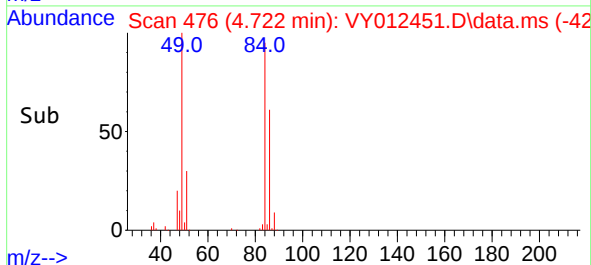
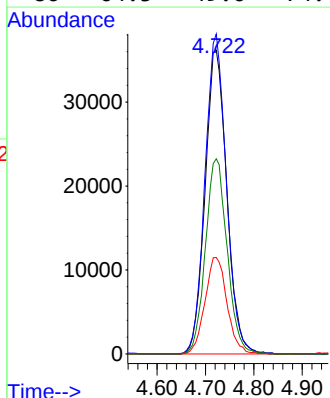
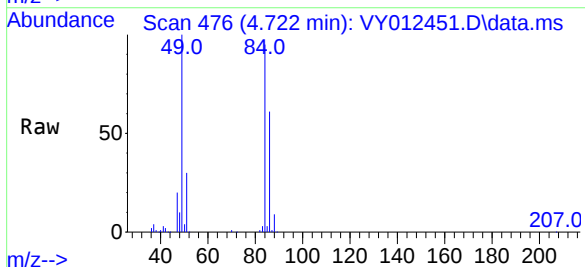
Ion Ratio Lower Upper

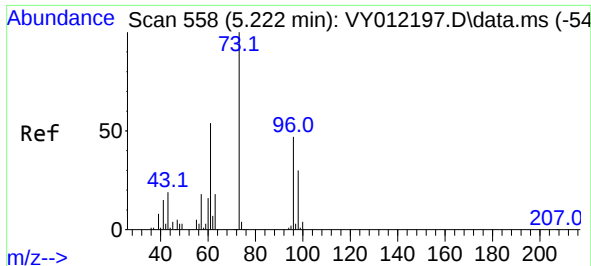
84 100

49 105.4 95.4 143.2

51 31.7 29.9 44.9

86 64.3 49.6 74.4

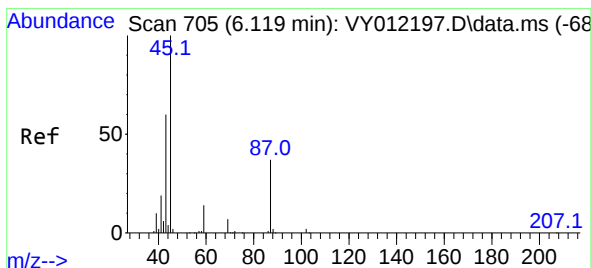
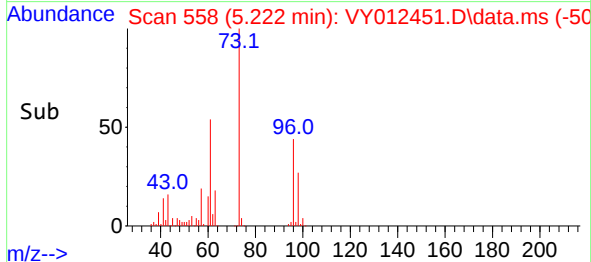
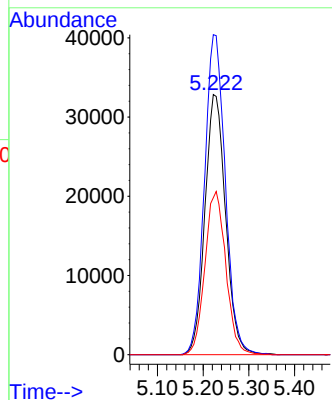
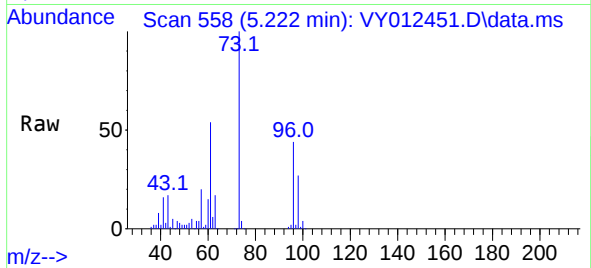




#21
trans-1,2-Dichloroethene
Concen: 51.156 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

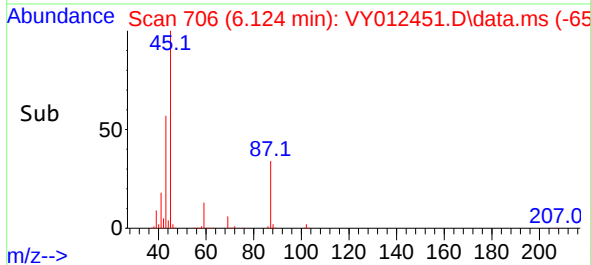
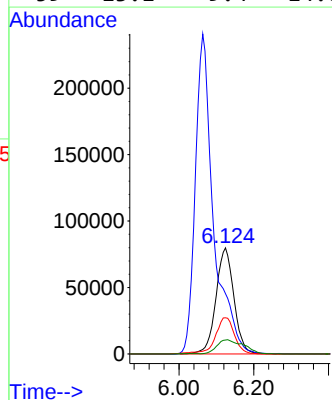
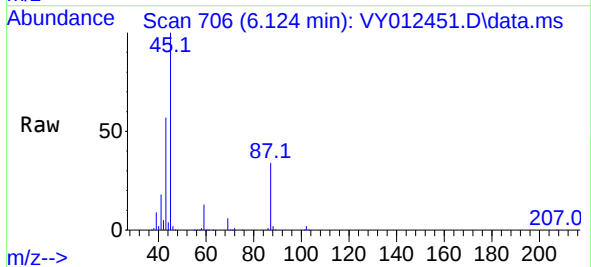
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

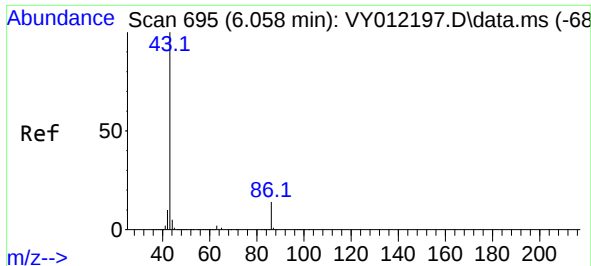
Tgt Ion: 96 Resp: 103309
Ion Ratio Lower Upper
96 100
61 123.0 108.0 162.0
98 60.4 51.6 77.4



#22
Diisopropyl ether
Concen: 59.743 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 45 Resp: 266521
Ion Ratio Lower Upper
45 100
43 56.4 45.0 67.4
87 34.1 22.6 33.8#
59 13.1 9.4 14.0

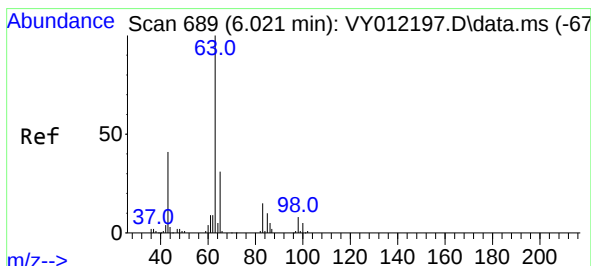
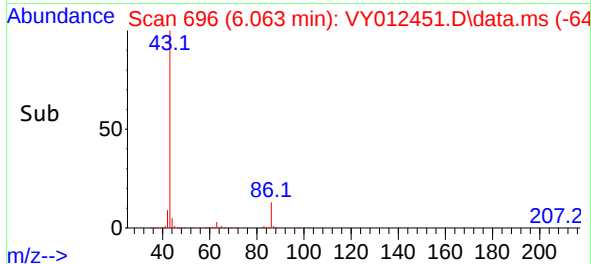
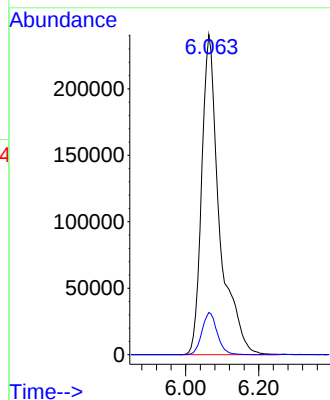
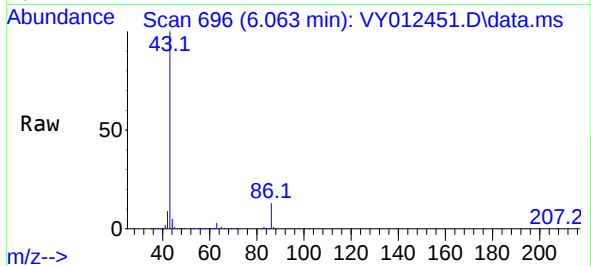




#23
 Vinyl Acetate
 Concen: 292.709 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.005 min
 Lab File: VY012451.D
 Acq: 02 Feb 2023 11:58

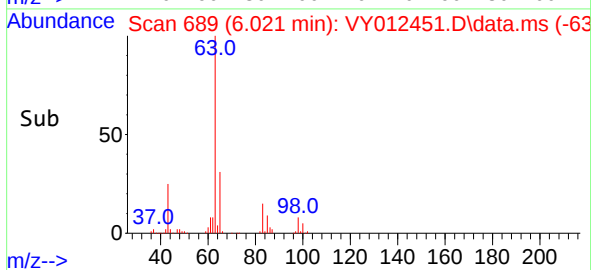
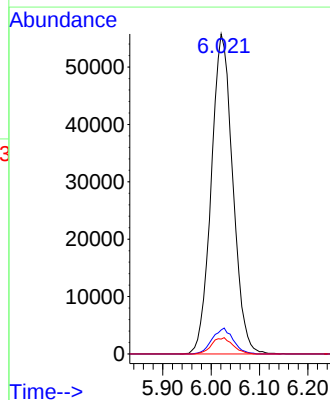
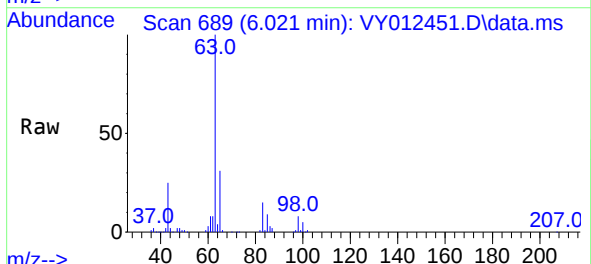
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

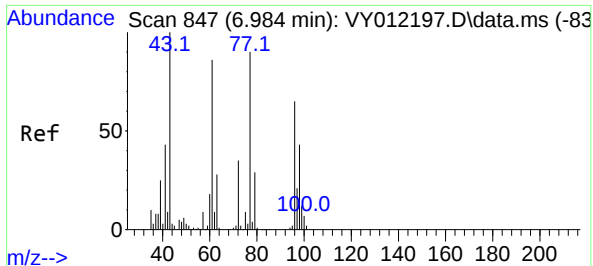
Tgt Ion: 43 Resp: 813693
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 55.776 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012451.D
 Acq: 02 Feb 2023 11:58

Tgt Ion: 63 Resp: 172588
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.6 2.2 6.6

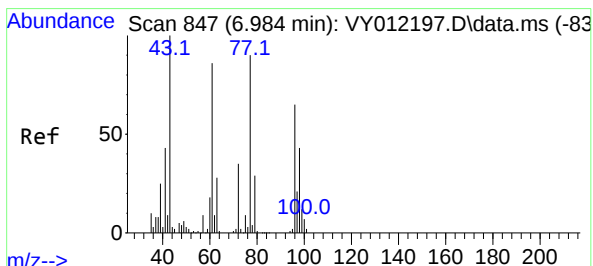
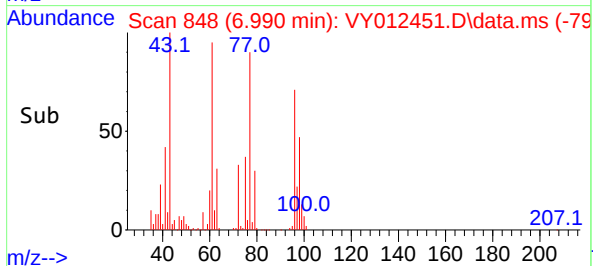
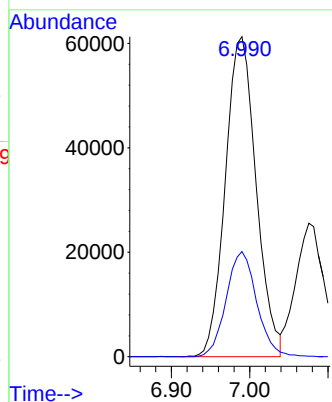
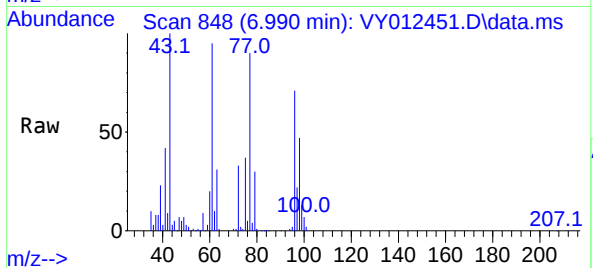




#25
2-Butanone
Concen: 277.010 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

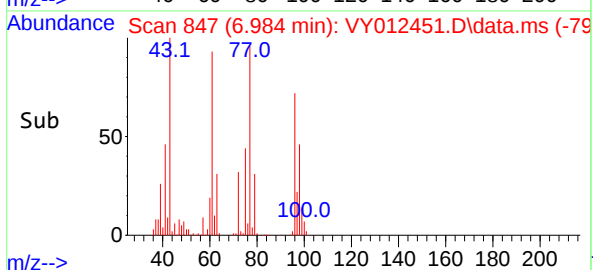
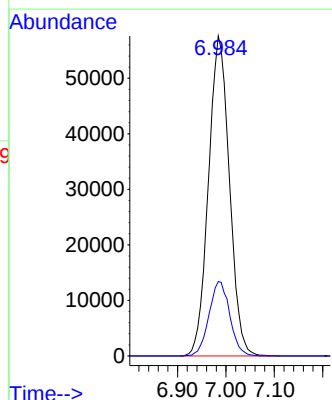
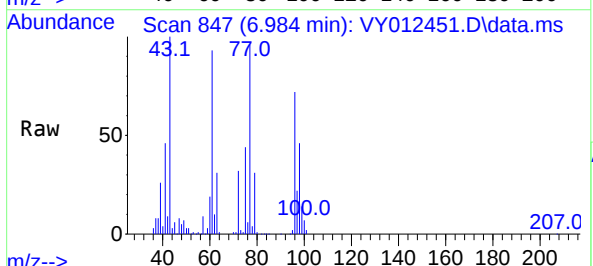
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

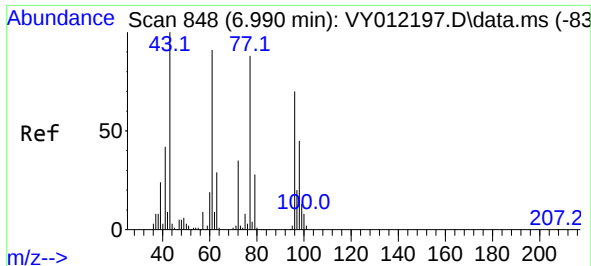
Tgt Ion: 43 Resp: 167795
Ion Ratio Lower Upper
43 100
72 32.9 22.6 34.0



#26
2,2-Dichloropropane
Concen: 51.538 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 77 Resp: 173118
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1

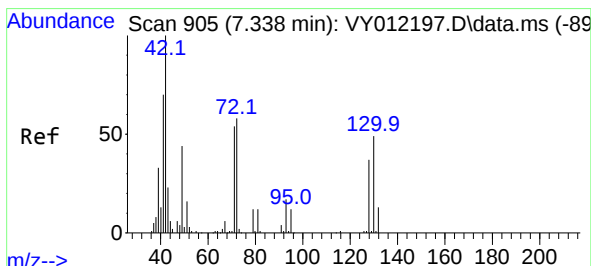
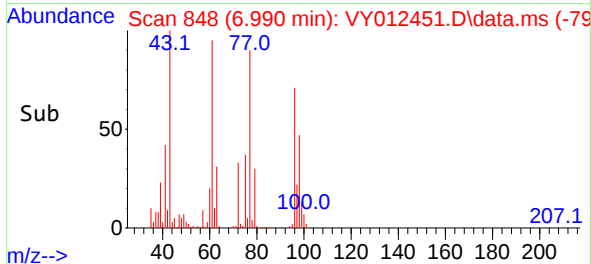
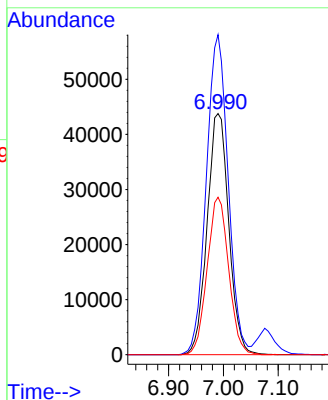
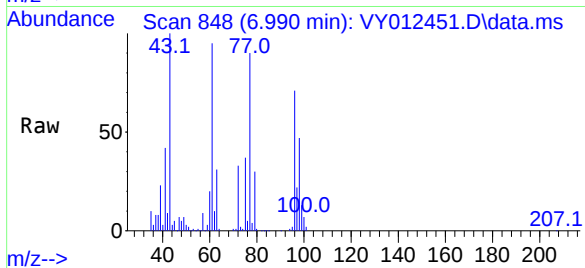




#27
cis-1,2-Dichloroethene
Concen: 54.101 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

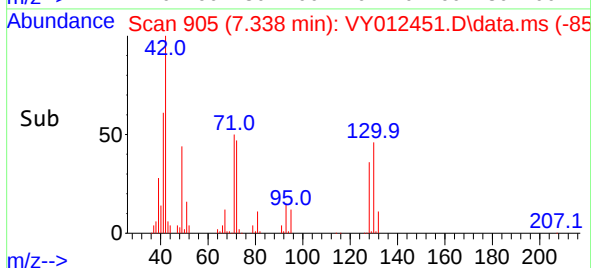
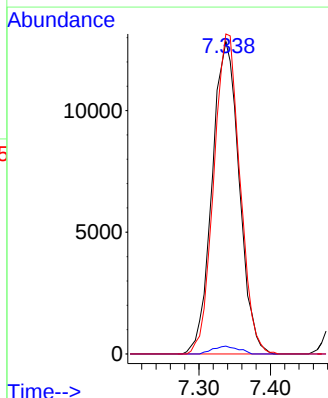
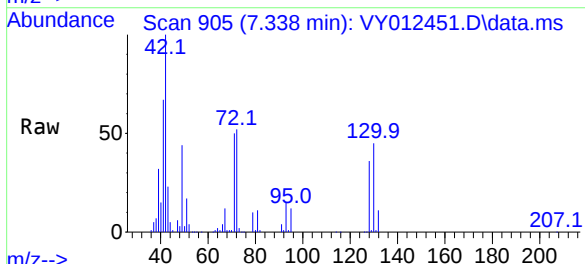
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

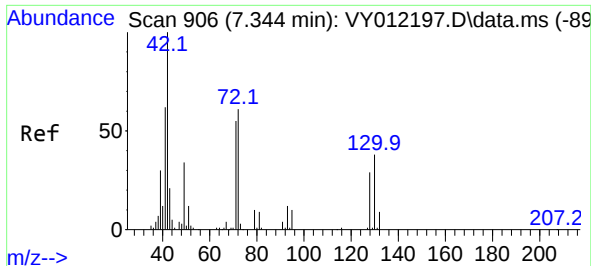
Tgt Ion: 96 Resp: 120013
Ion Ratio Lower Upper
96 100
61 133.3 0.0 283.4
98 64.8 0.0 127.6



#28
Bromochloromethane
Concen: 49.976 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 49 Resp: 33773
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 98.9 66.7 100.1





#29

Tetrahydrofuran

Concen: 299.111 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

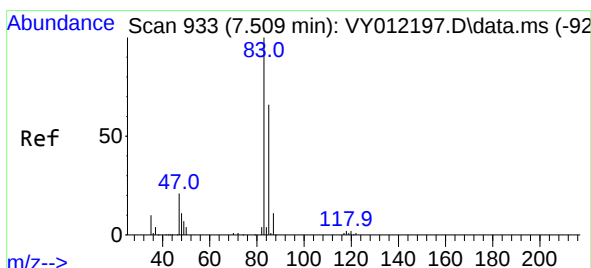
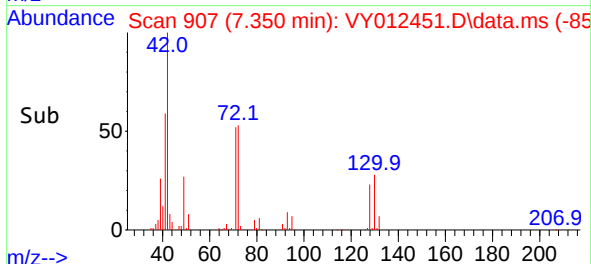
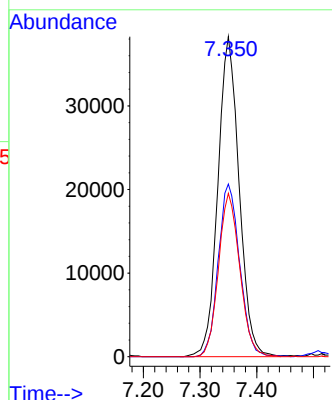
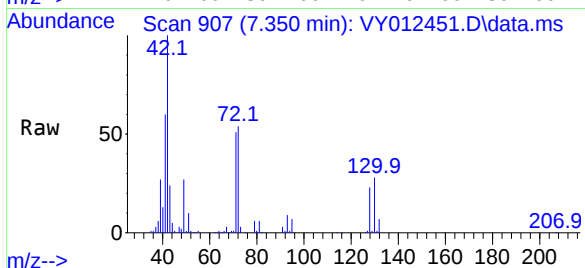
Tgt Ion: 42 Resp: 99522

Ion Ratio Lower Upper

42 100

72 54.5 37.0 55.6

71 51.1 34.9 52.3



#30

Chloroform

Concen: 53.199 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012451.D

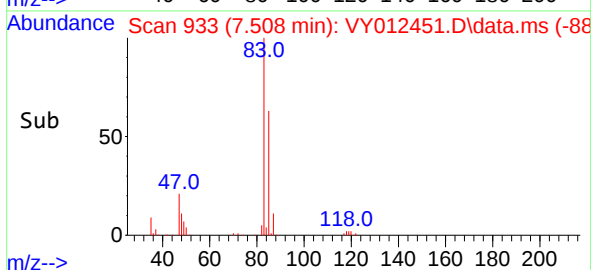
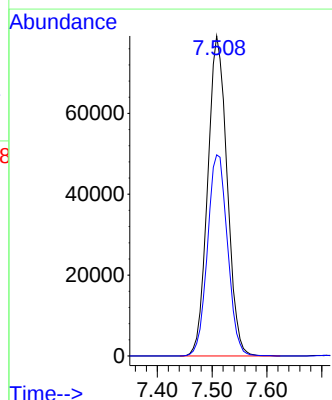
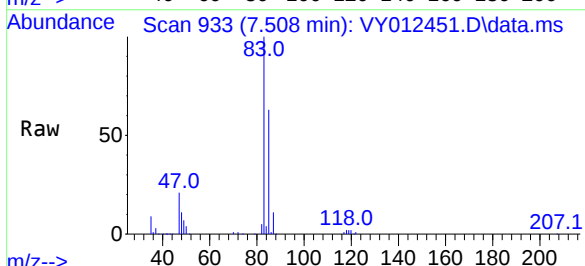
Acq: 02 Feb 2023 11:58

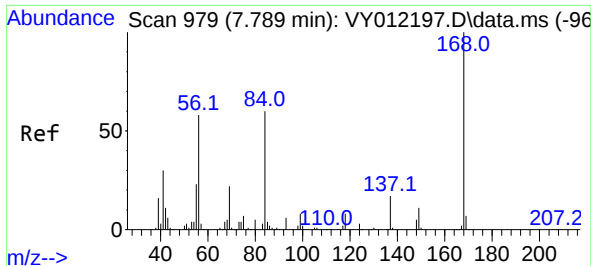
Tgt Ion: 83 Resp: 194318

Ion Ratio Lower Upper

83 100

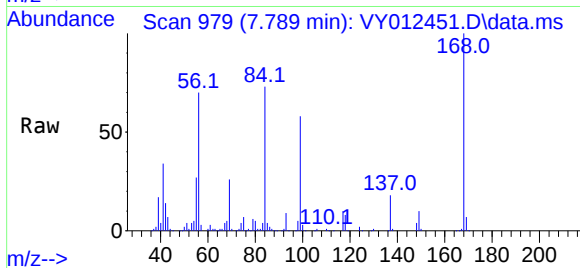
85 62.8 51.5 77.3



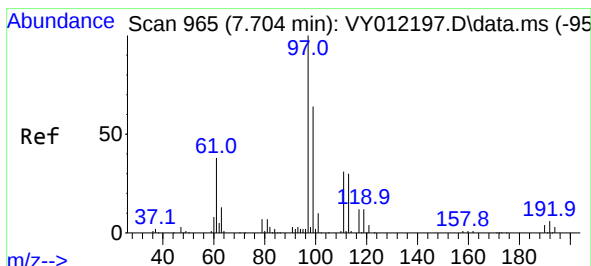
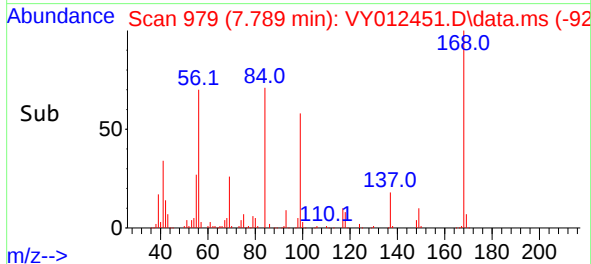
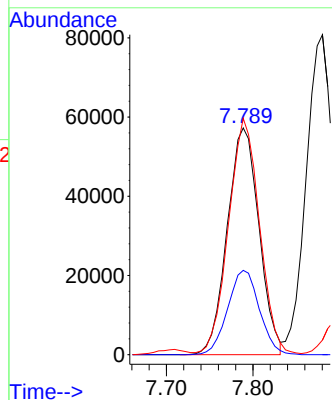


#31
Cyclohexane
Concen: 50.754 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

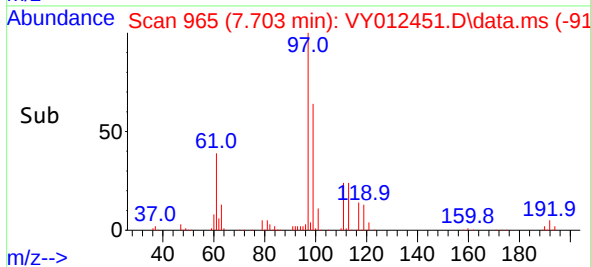
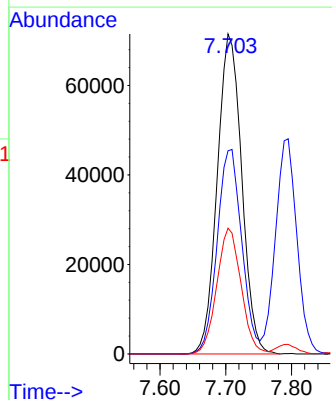
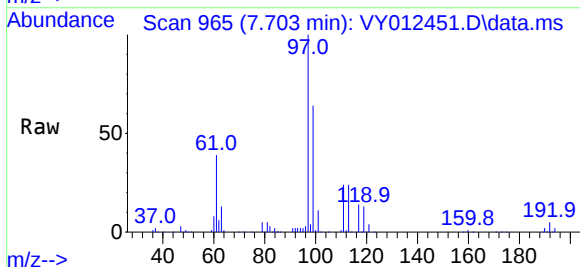


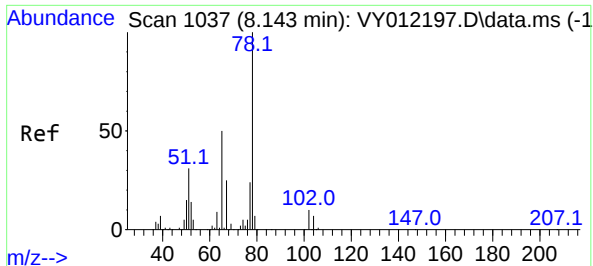
Tgt Ion: 56 Resp: 145813
Ion Ratio Lower Upper
56 100
69 37.2 29.2 43.8
84 102.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.284 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 97 Resp: 185449
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 38.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.153 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

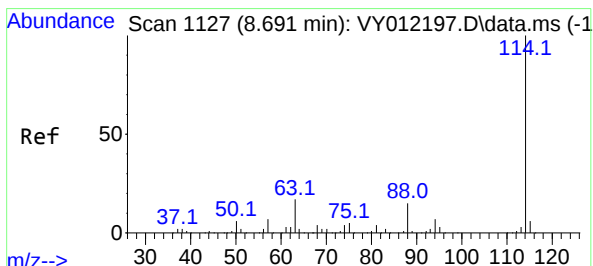
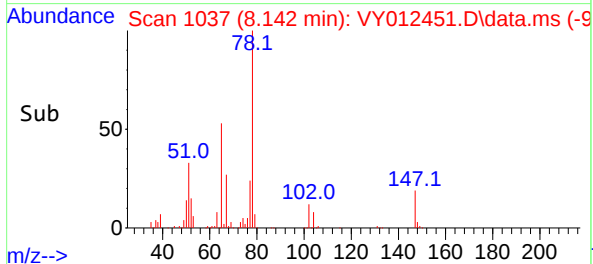
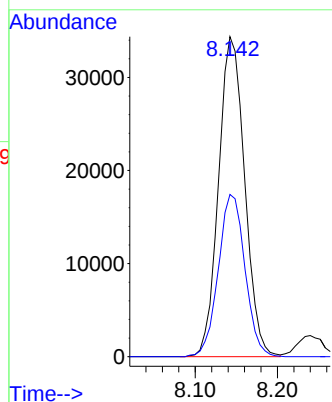
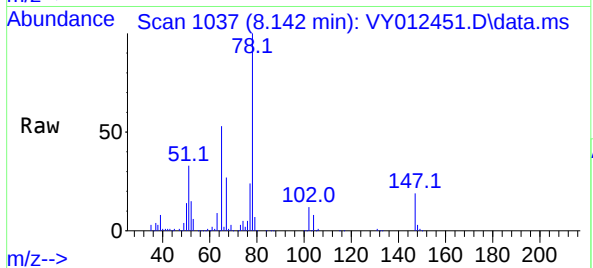
VSTDCCC050

Tgt Ion: 65 Resp: 75875

Ion Ratio Lower Upper

65 100

67 51.7 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: VY012451.D

Acq: 02 Feb 2023 11:58

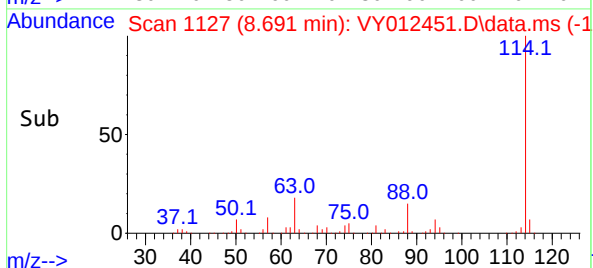
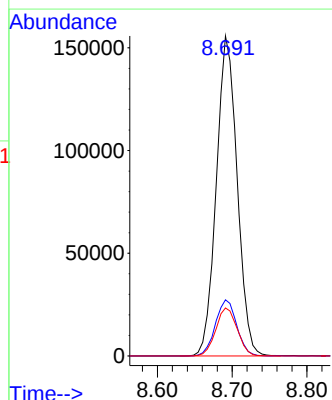
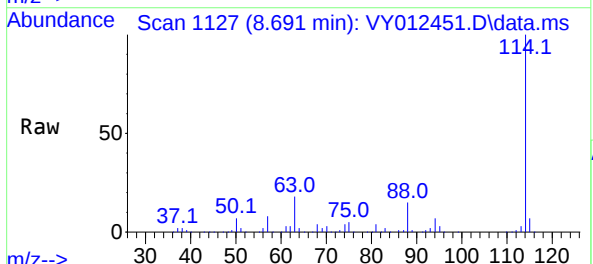
Tgt Ion: 114 Resp: 302298

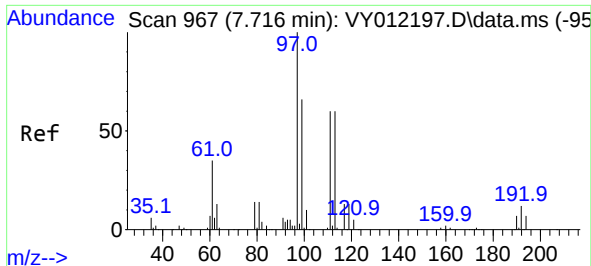
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.0 0.0 32.2

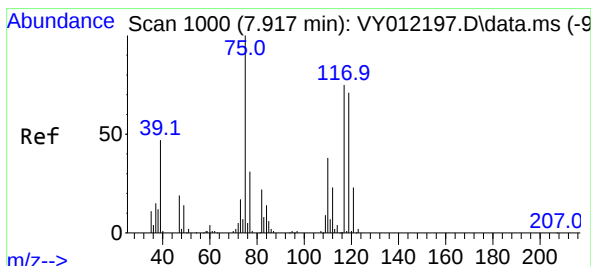
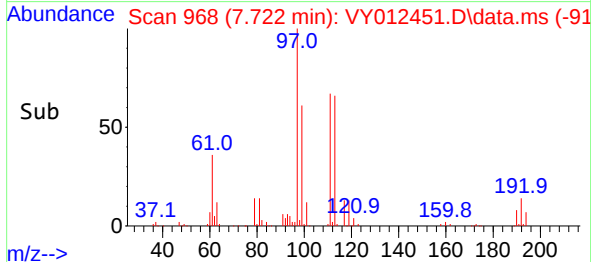
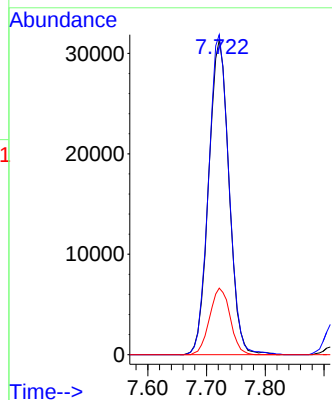
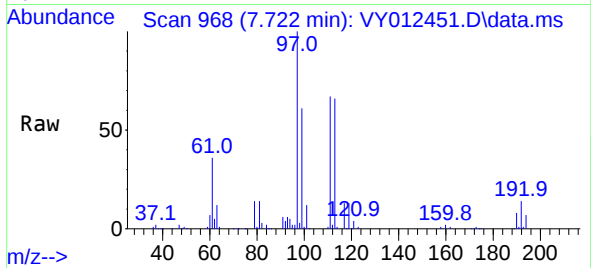




#35
Dibromofluoromethane
Concen: 47.149 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

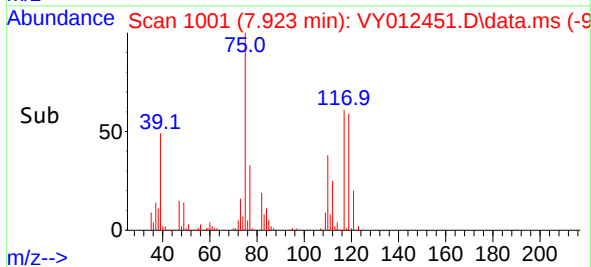
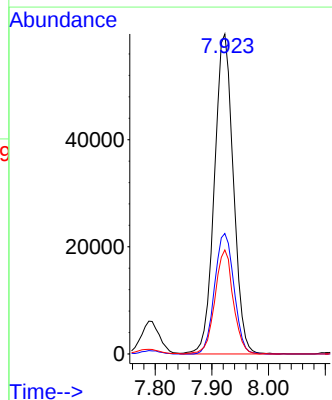
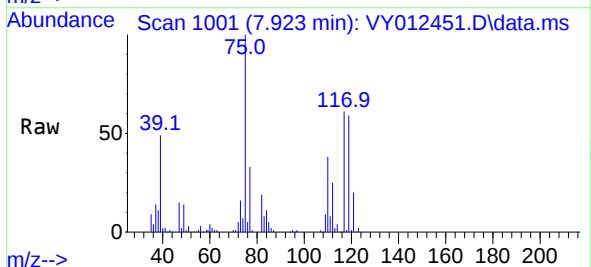
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

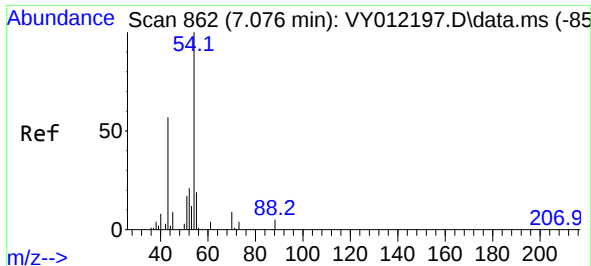
Tgt Ion:113 Resp: 75470
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 50.899 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 75 Resp: 138463
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.1
77 31.4 25.1 37.7

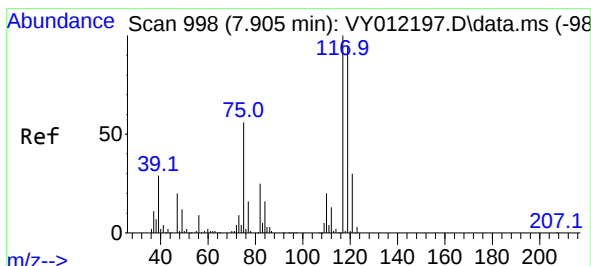
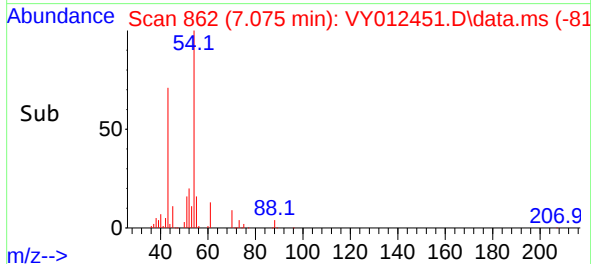
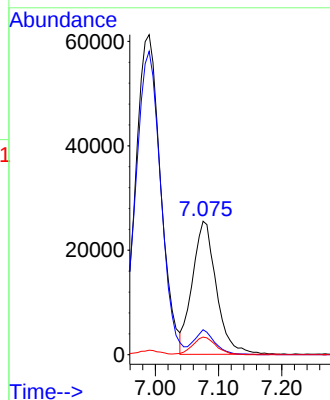
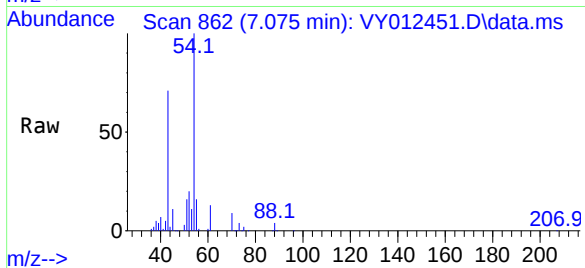




#37
Ethyl Acetate
Concen: 55.923 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.001 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

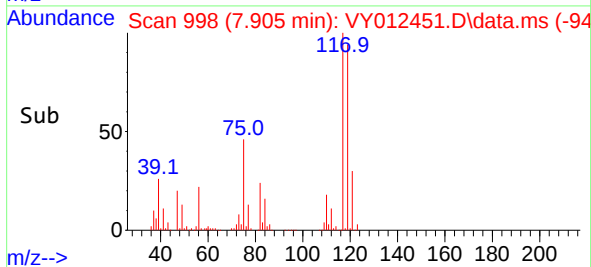
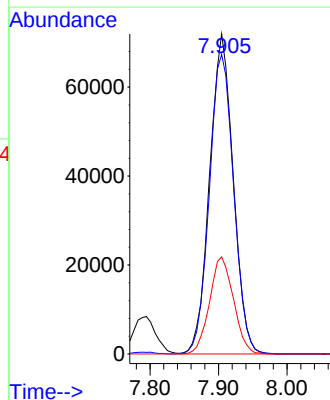
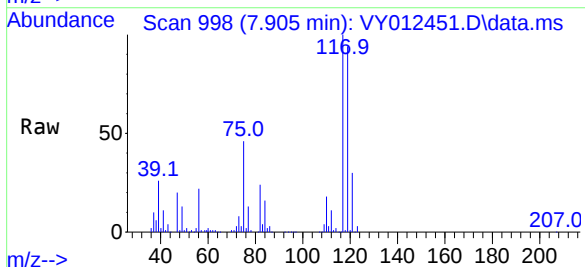
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

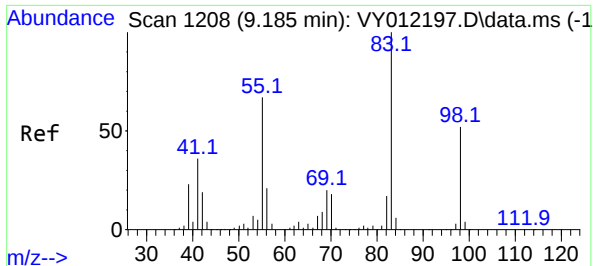
Tgt Ion: 43 Resp: 67065
Ion Ratio Lower Upper
43 100
61 16.4 11.3 16.9
70 12.9 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 48.995 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 117 Resp: 172139
Ion Ratio Lower Upper
117 100
119 93.6 73.8 110.8
121 30.4 25.2 37.8





#39

Methylcyclohexane

Concen: 52.247 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

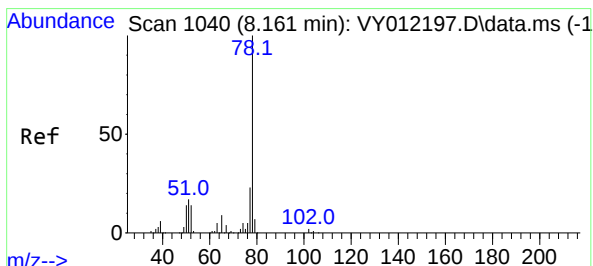
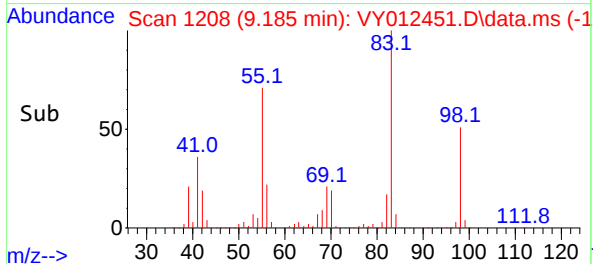
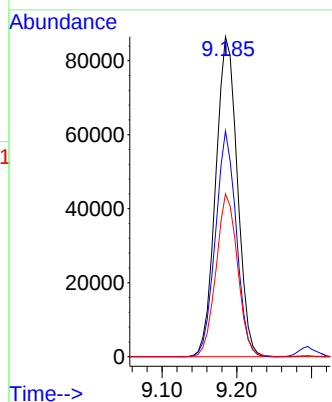
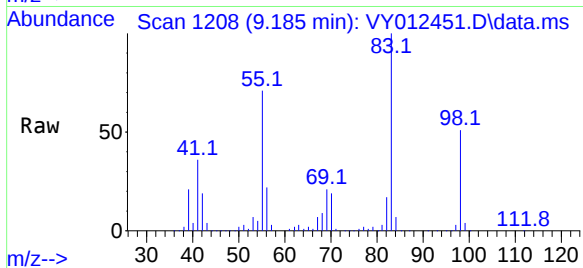
Tgt Ion: 83 Resp: 173690

Ion Ratio Lower Upper

83 100

55 70.5 58.2 87.2

98 50.9 38.6 58.0



#40

Benzene

Concen: 52.927 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012451.D

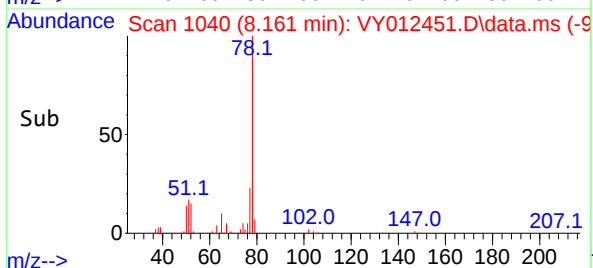
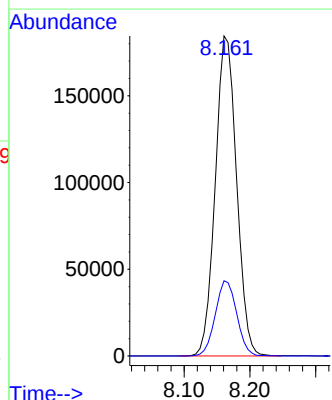
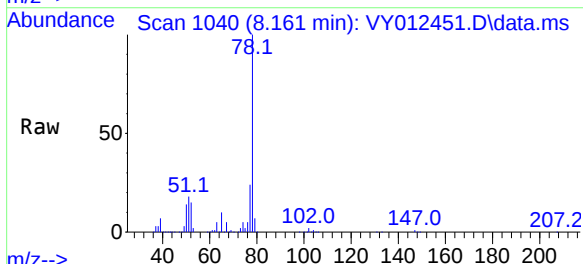
Acq: 02 Feb 2023 11:58

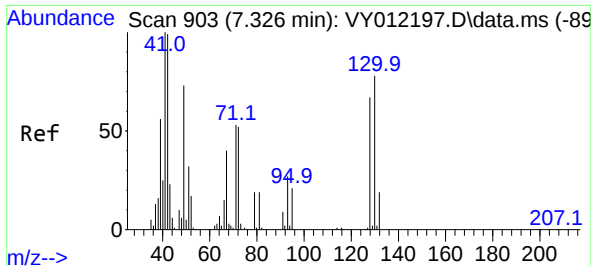
Tgt Ion: 78 Resp: 415565

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

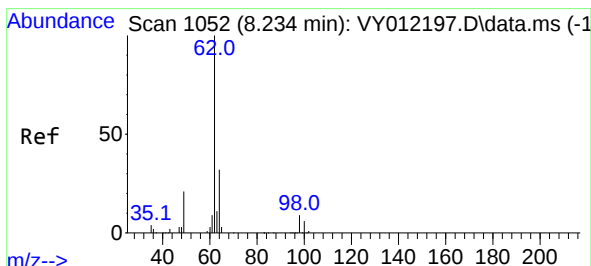
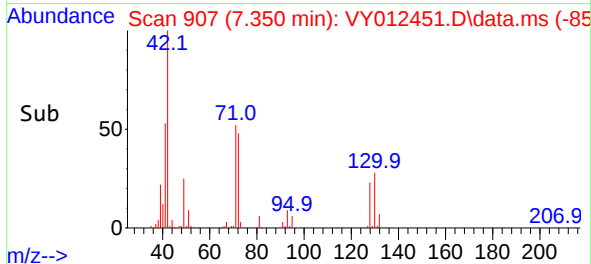
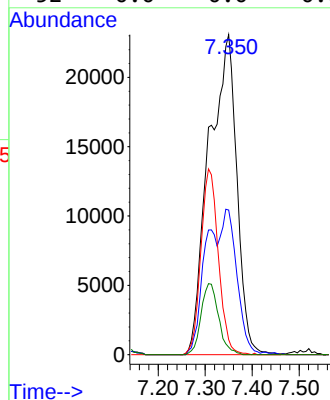
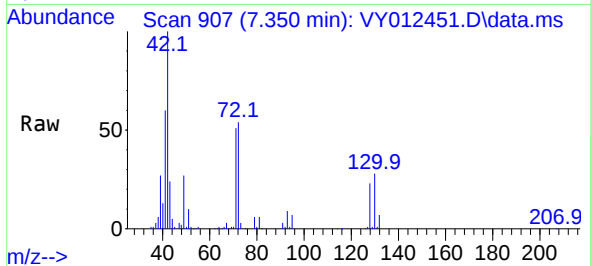




#41
Methacrylonitrile
Concen: 135.028 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

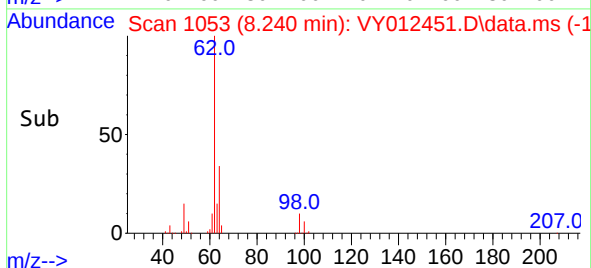
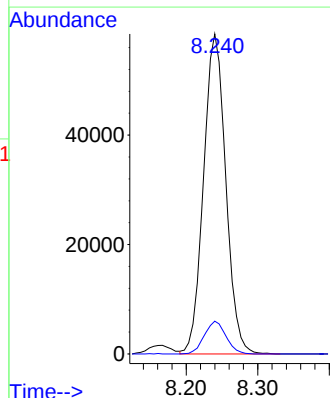
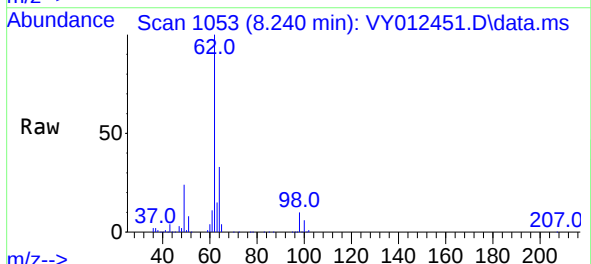
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

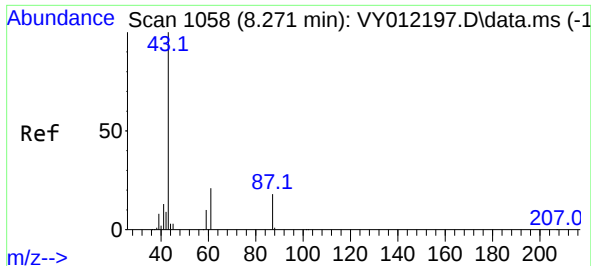
Tgt Ion:	41	Resp:	95183
Ion	Ratio	Lower	Upper
41	100		
39	23.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.515 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:	62	Resp:	126269
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6

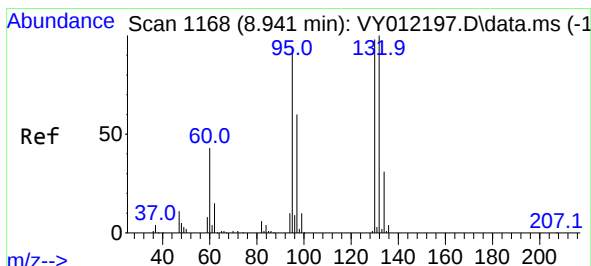
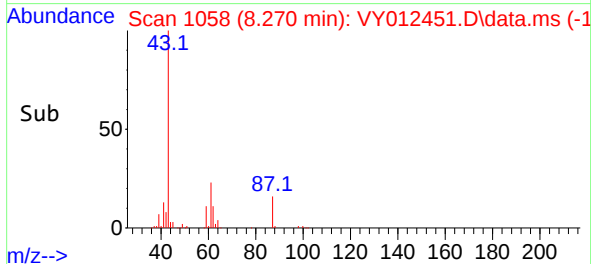
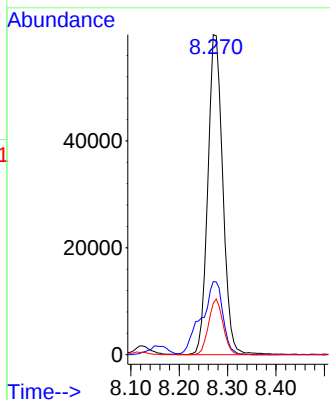
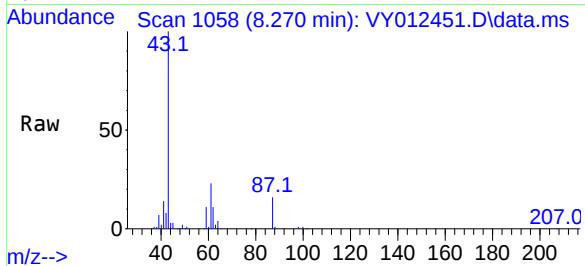




#43
Isopropyl Acetate
Concen: 57.562 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

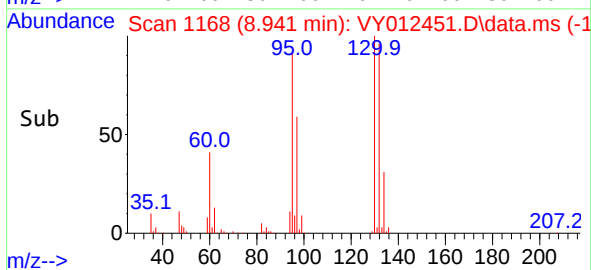
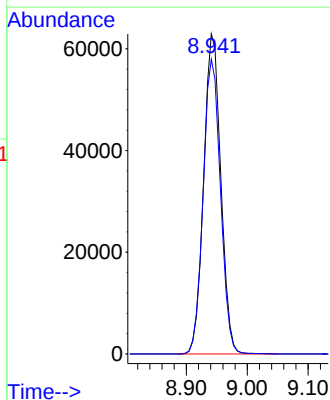
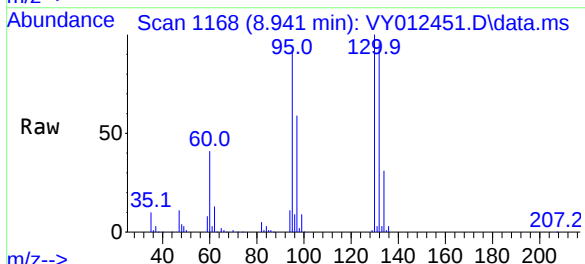
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

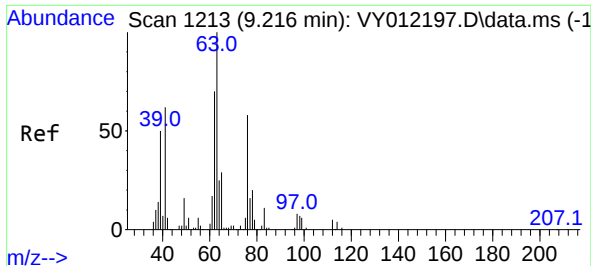
Tgt Ion: 43 Resp: 128431
Ion Ratio Lower Upper
43 100
61 32.8 24.4 36.6
87 16.9 11.4 17.2



#44
Trichloroethene
Concen: 52.379 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:130 Resp: 122924
Ion Ratio Lower Upper
130 100
95 92.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 57.838 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.005 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

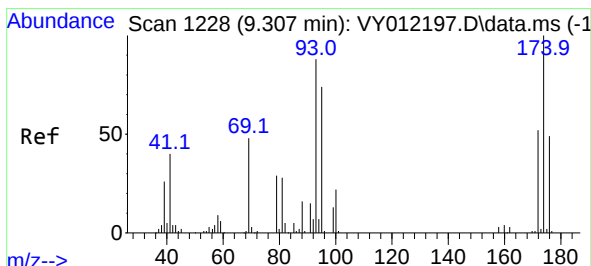
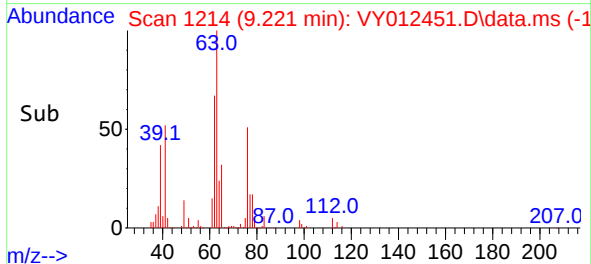
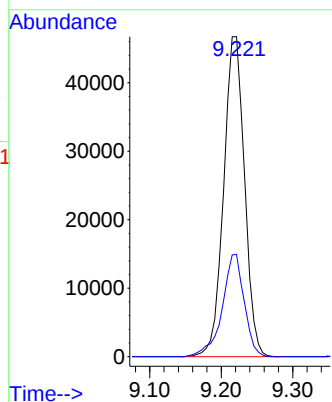
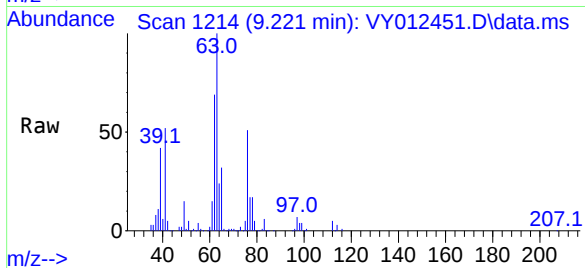
VSTDCCC050

Tgt Ion: 63 Resp: 94759

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 52.927 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

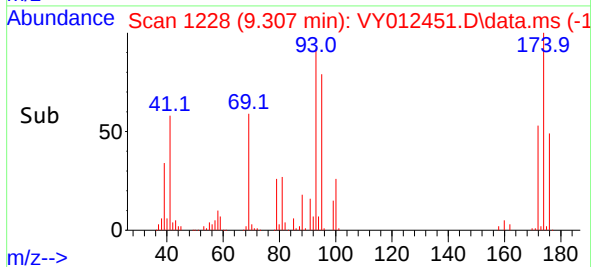
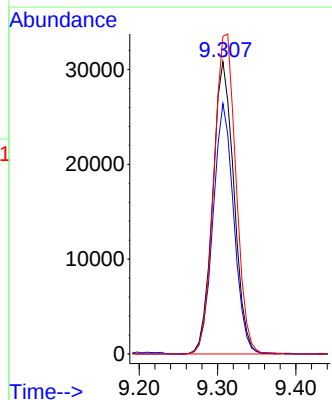
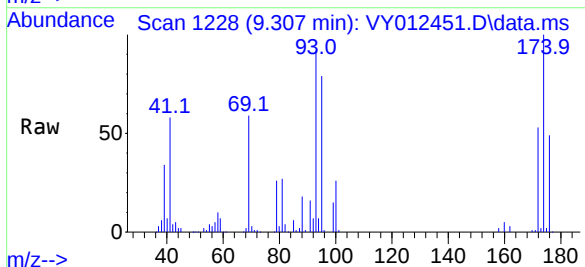
Tgt Ion: 93 Resp: 58050

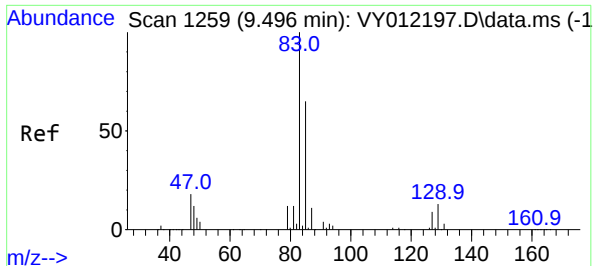
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 113.8 84.7 127.1





#47

Bromodichloromethane

Concen: 54.050 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

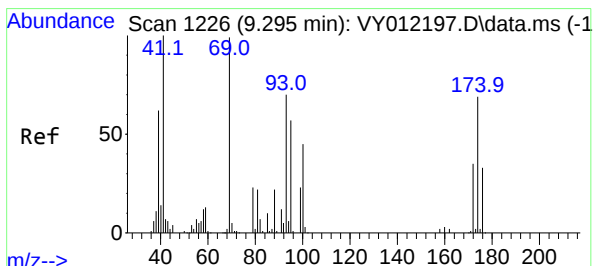
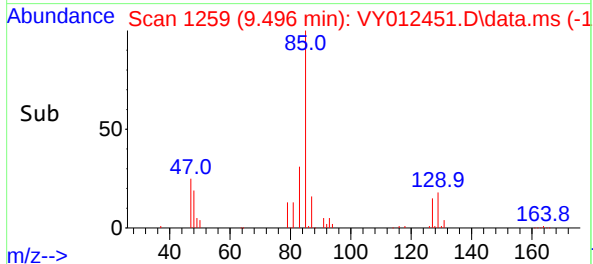
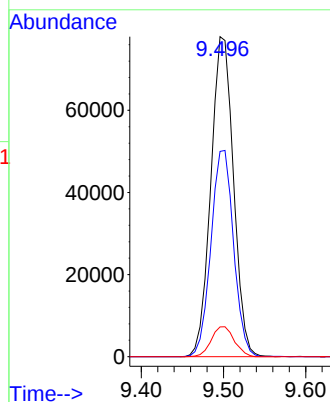
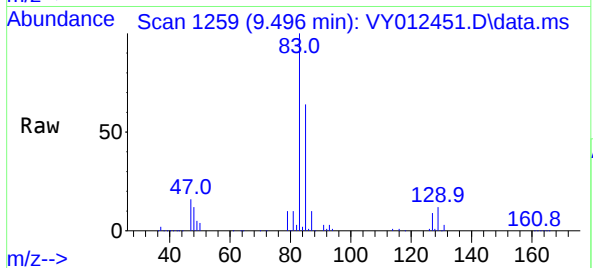
Tgt Ion: 83 Resp: 149227

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

127 9.3 7.3 10.9



#48

Methyl methacrylate

Concen: 57.397 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

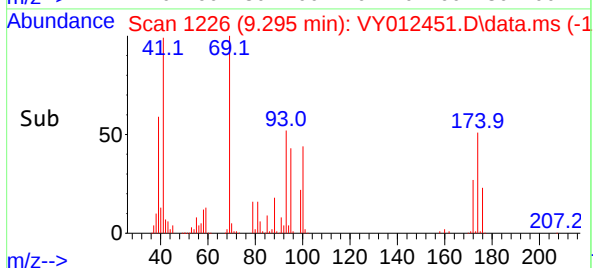
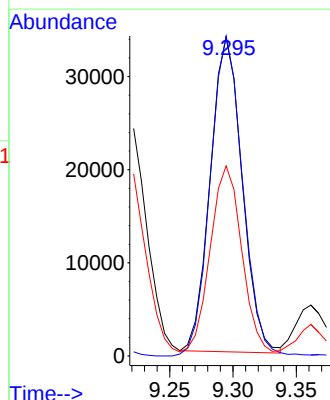
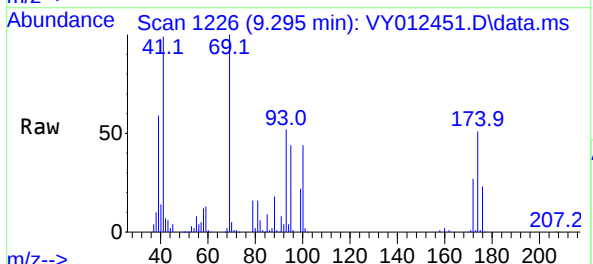
Tgt Ion: 41 Resp: 59006

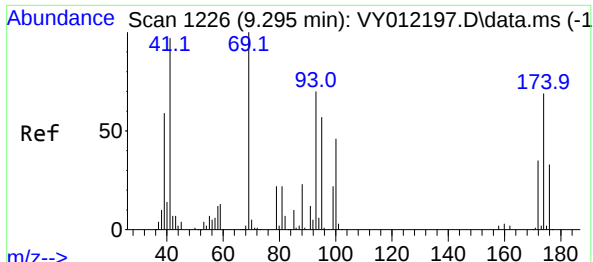
Ion Ratio Lower Upper

41 100

69 103.5 74.2 111.2

39 58.5 46.3 69.5

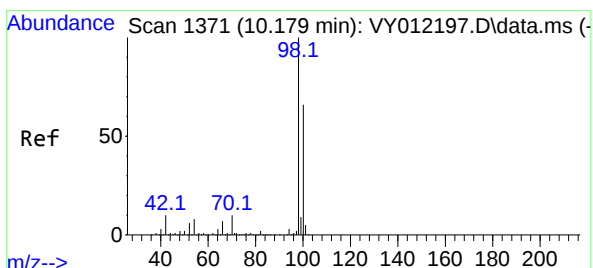
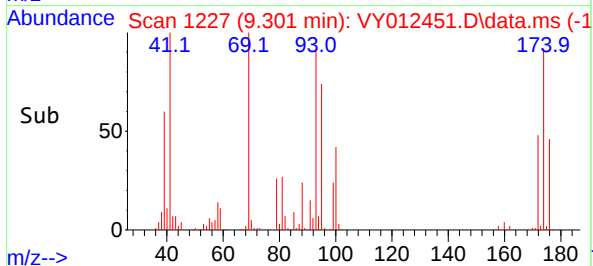
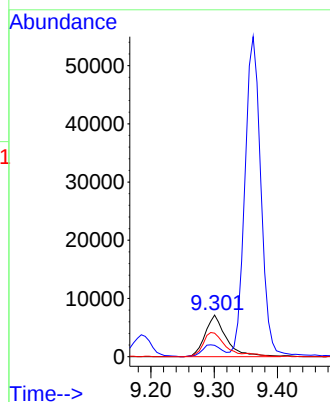
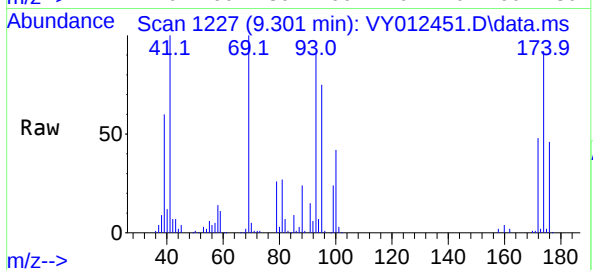




#49
1,4-Dioxane
Concen: 1115.943 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

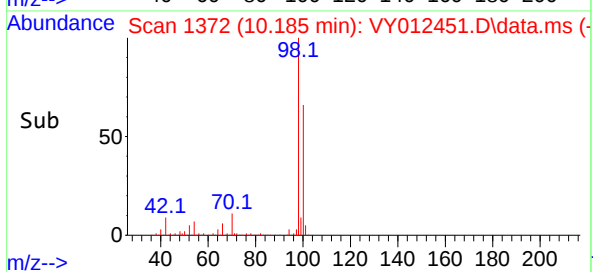
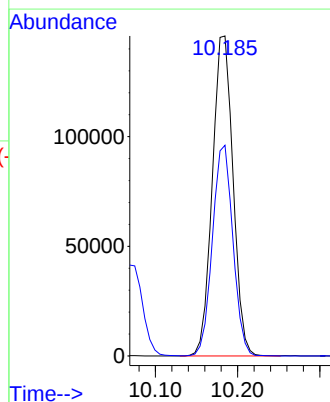
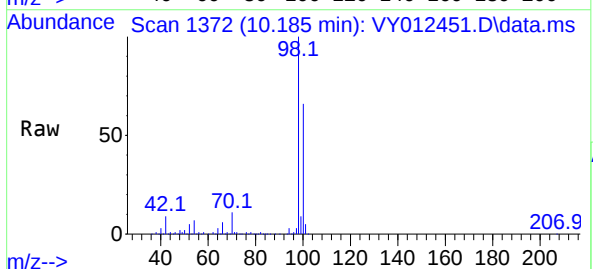
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

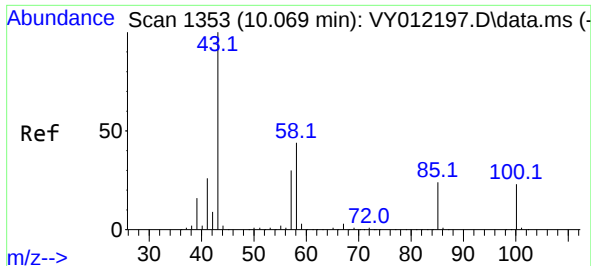
Tgt Ion: 88 Resp: 16678
Ion Ratio Lower Upper
88 100
43 25.7 26.2 39.2#
58 64.7 54.3 81.5



#50
Toluene-d8
Concen: 45.647 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 98 Resp: 255249
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

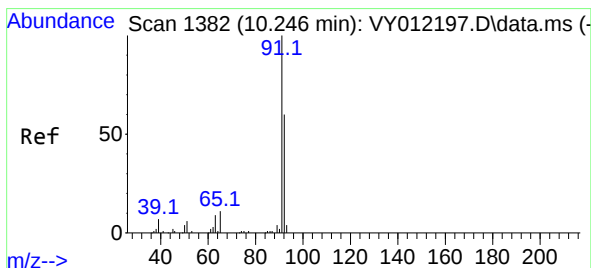
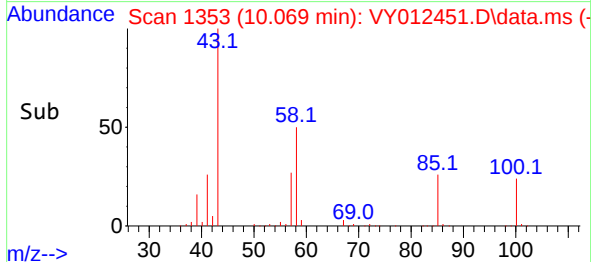
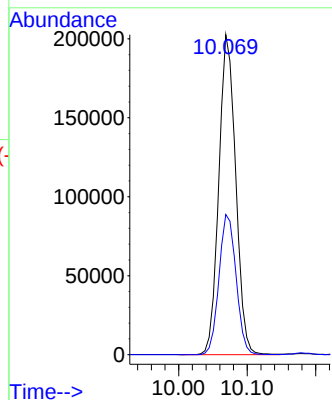
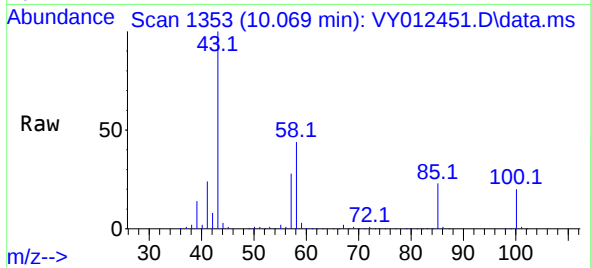




#51
4-Methyl-2-Pentanone
Concen: 290.672 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

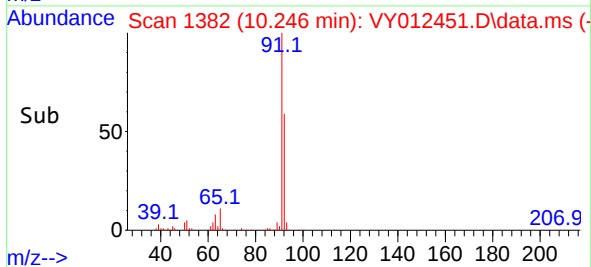
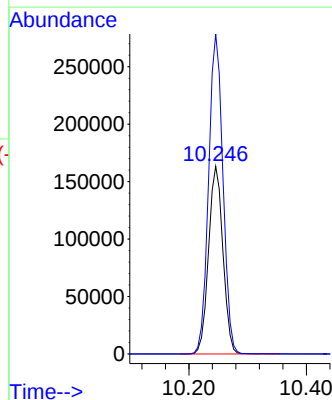
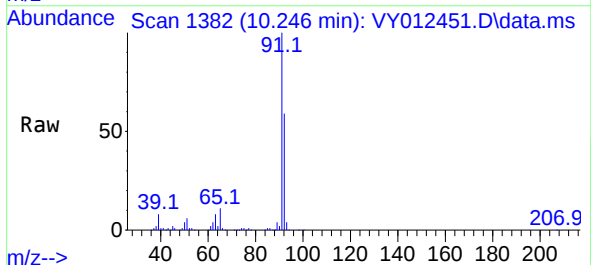
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

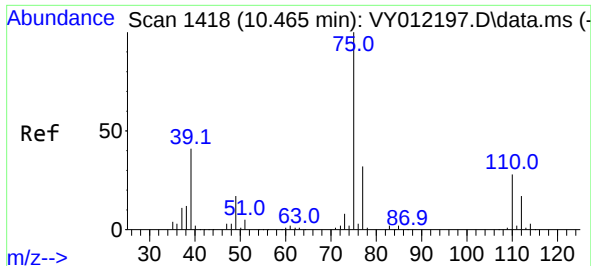
Tgt Ion: 43 Resp: 345822
Ion Ratio Lower Upper
43 100
58 44.4 32.9 49.3



#52
Toluene
Concen: 52.945 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 92 Resp: 276786
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0

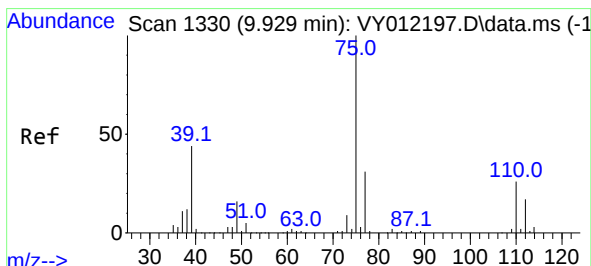
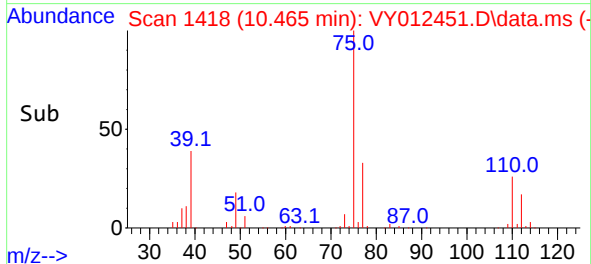
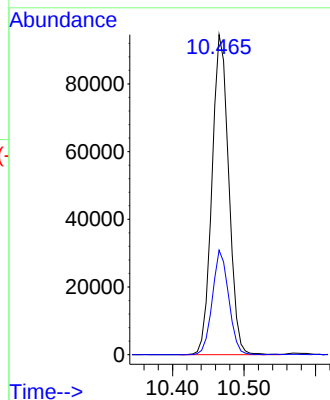
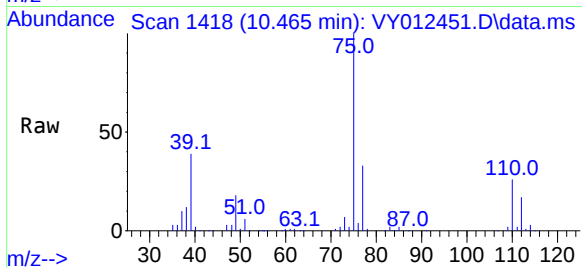




#53
t-1,3-Dichloropropene
Concen: 53.291 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

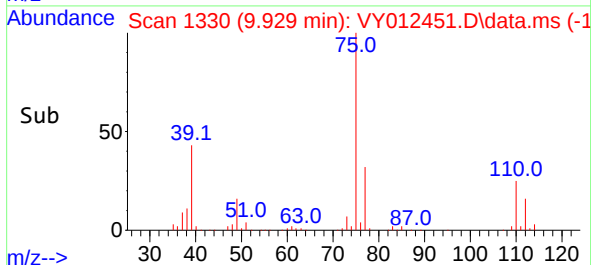
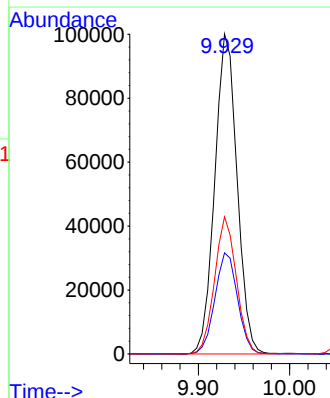
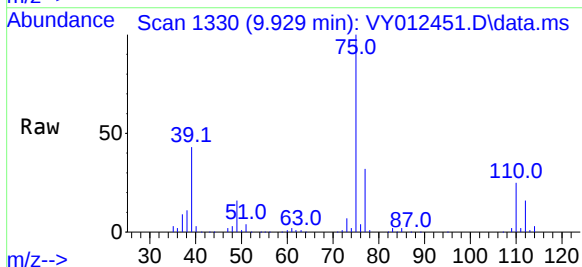
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

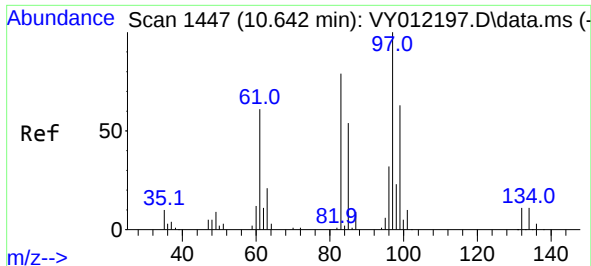
Tgt Ion: 75 Resp: 153900
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 54.575 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 75 Resp: 169734
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9
39 42.8 34.6 52.0



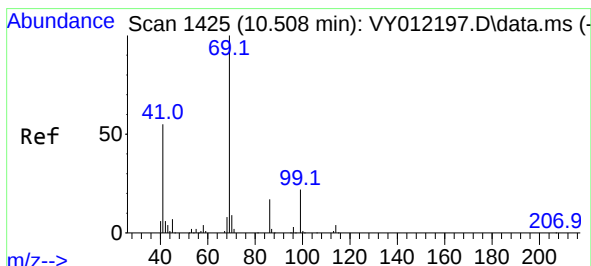
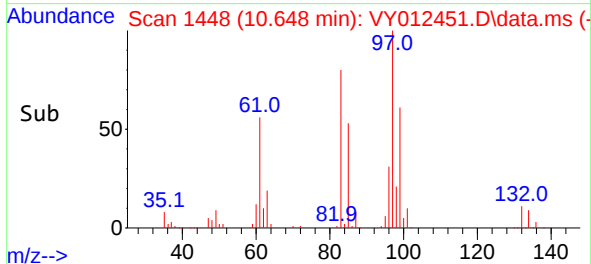
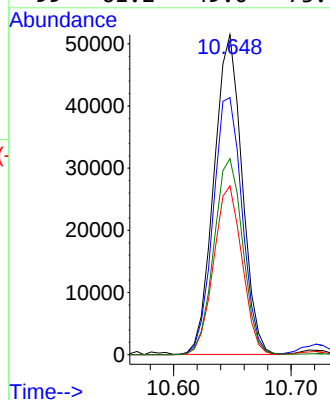
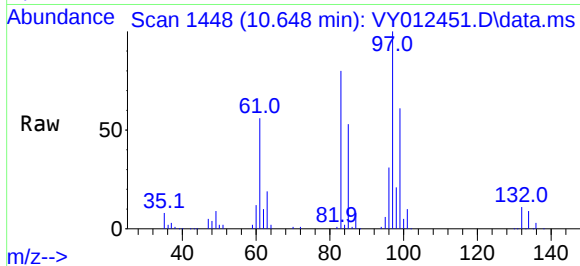


#55
1,1,2-Trichloroethane
Concen: 54.932 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 85600

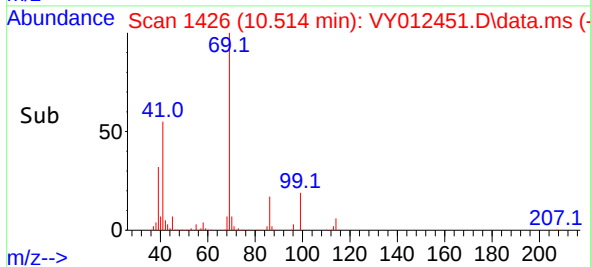
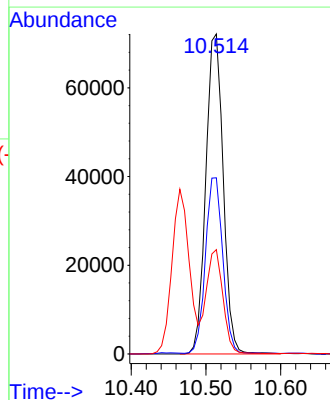
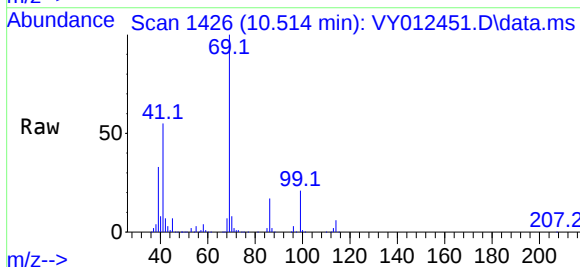
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.7	101.5
85	52.8	43.8	65.8
99	61.2	49.0	73.4

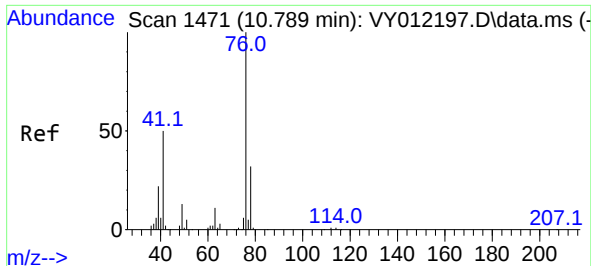


#56
Ethyl methacrylate
Concen: 57.146 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 69 Resp: 116827

Ion	Ratio	Lower	Upper
69	100		
41	54.8	48.9	73.3
39	31.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 55.876 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.005 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

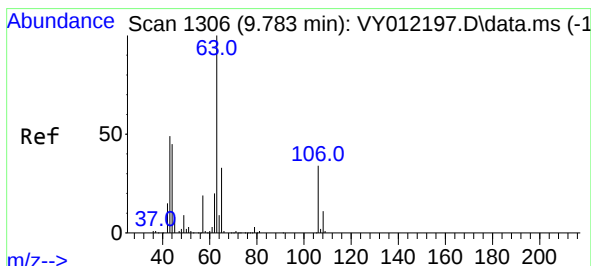
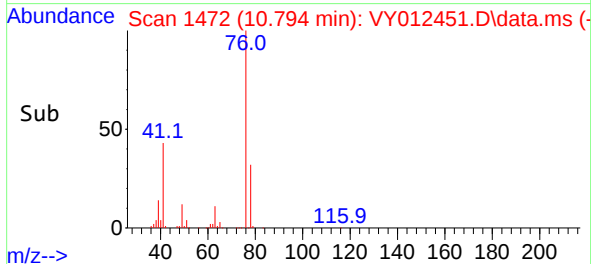
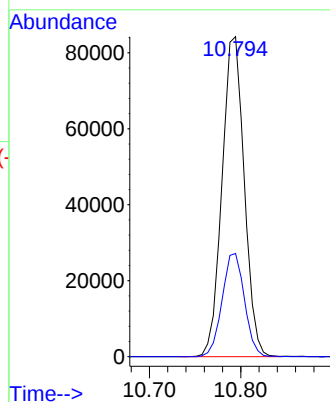
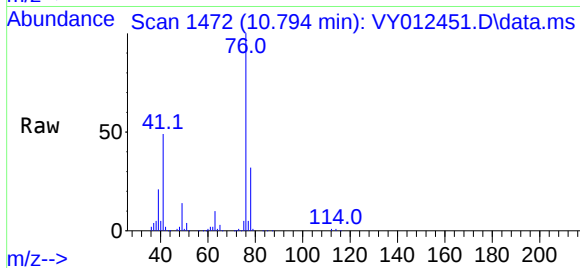
VSTDCCC050

Tgt Ion: 76 Resp: 142201

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 259.699 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012451.D

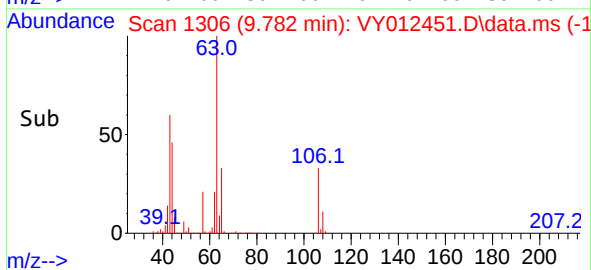
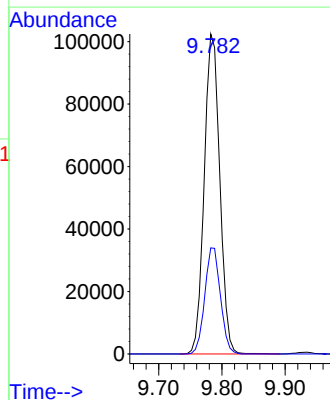
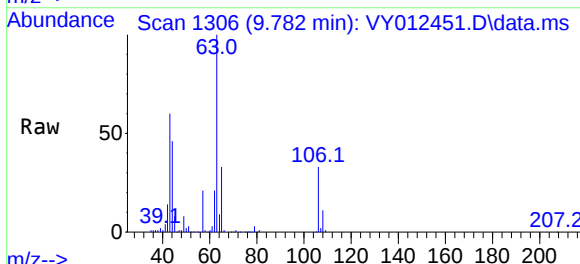
Acq: 02 Feb 2023 11:58

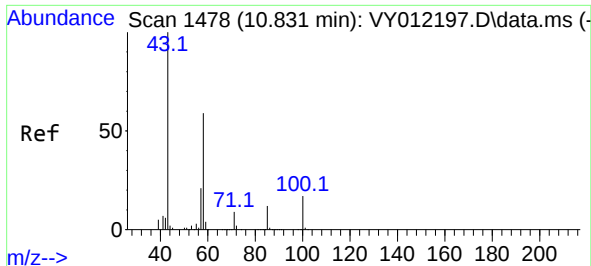
Tgt Ion: 63 Resp: 175675

Ion Ratio Lower Upper

63 100

106 33.3 23.2 34.8

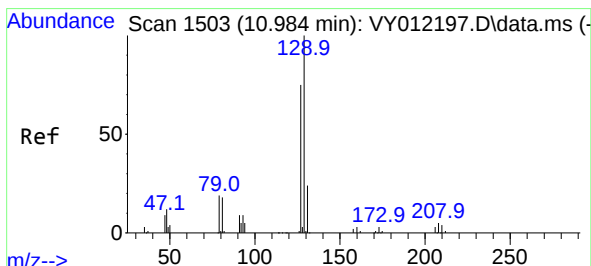
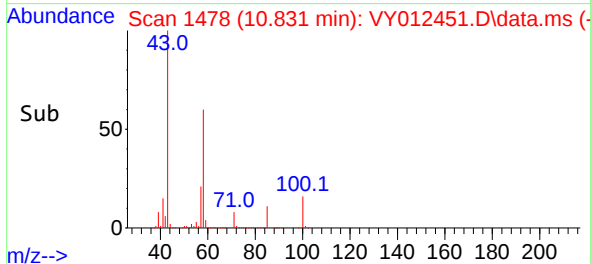
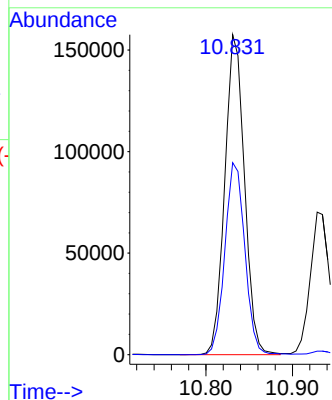
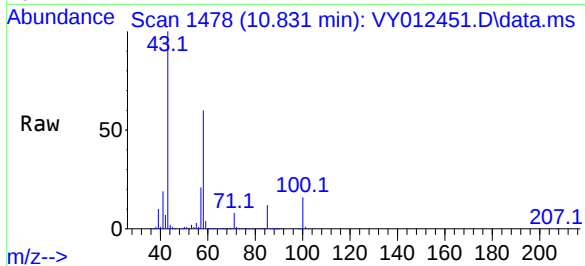




#59
2-Hexanone
Concen: 274.463 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

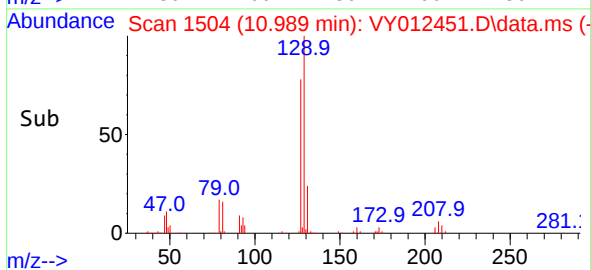
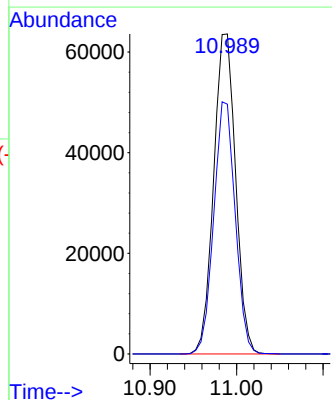
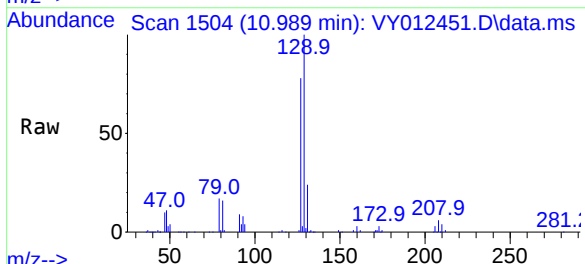
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

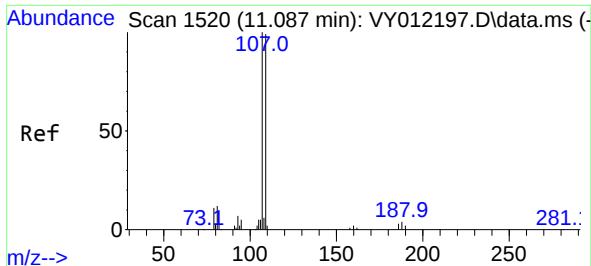
Tgt Ion: 43 Resp: 248609
Ion Ratio Lower Upper
43 100
58 60.9 28.4 85.2



#60
Dibromochloromethane
Concen: 54.181 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 129 Resp: 111981
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

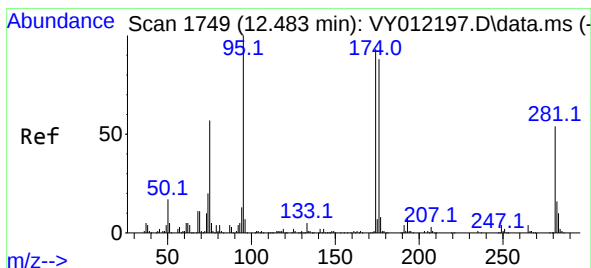
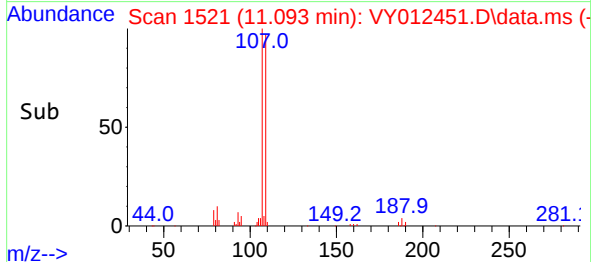
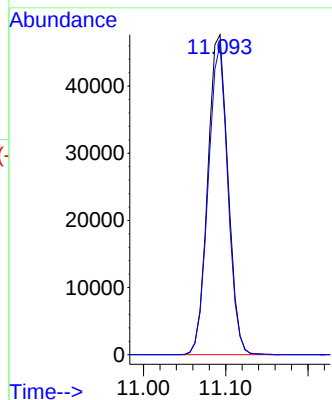
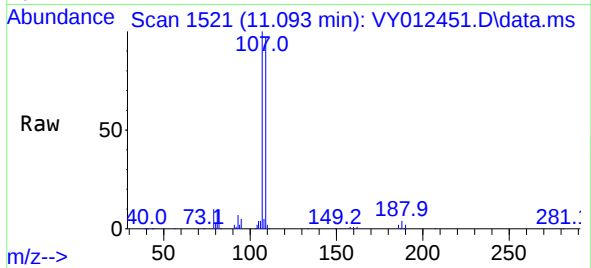




#61
1,2-Dibromoethane
Concen: 54.176 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

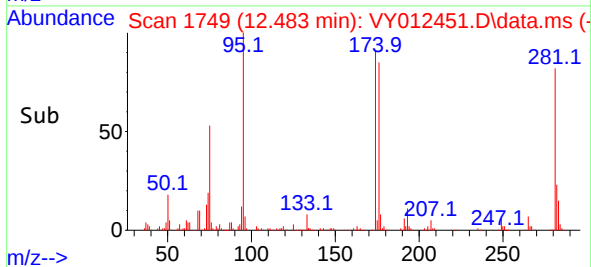
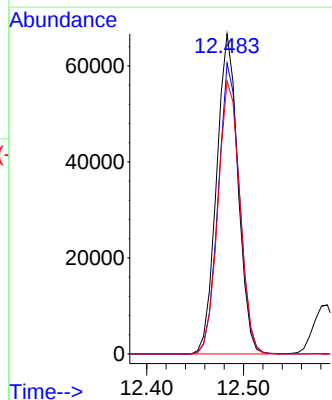
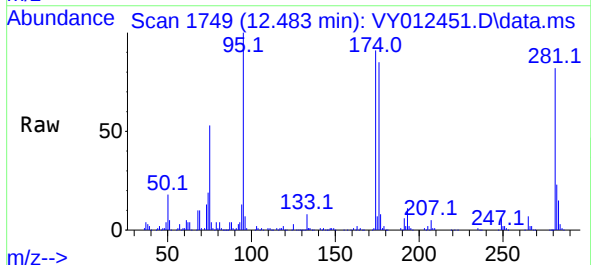
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

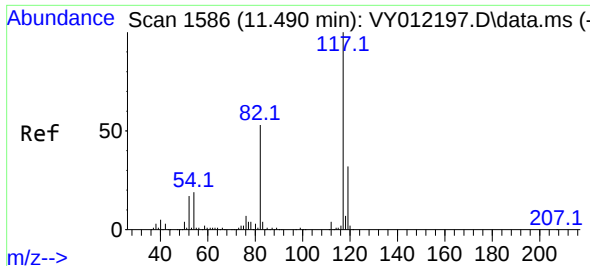
Tgt Ion:107 Resp: 81463
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 95 Resp: 102352
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.0
176 87.1 0.0 167.6

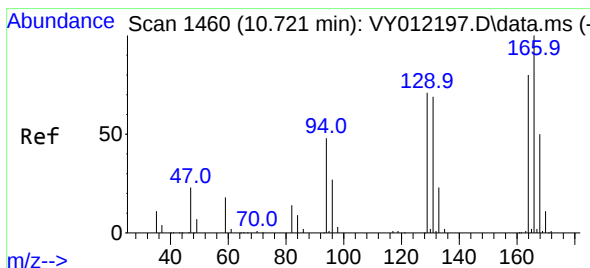
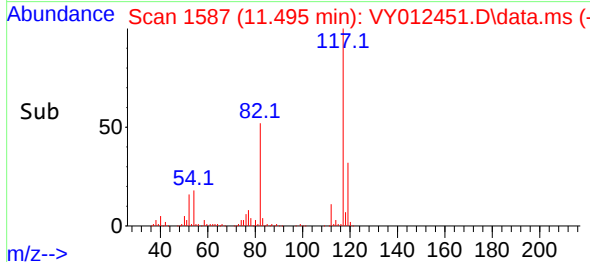
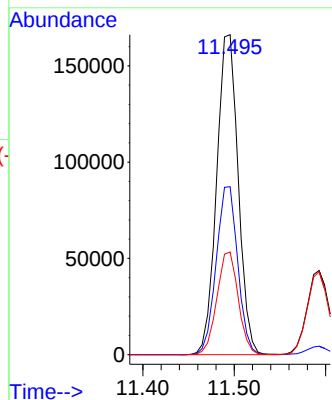
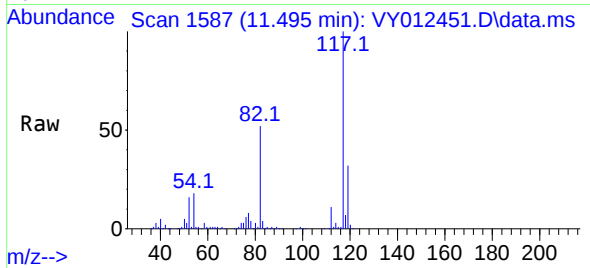




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

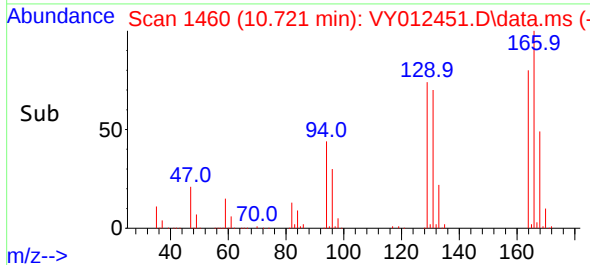
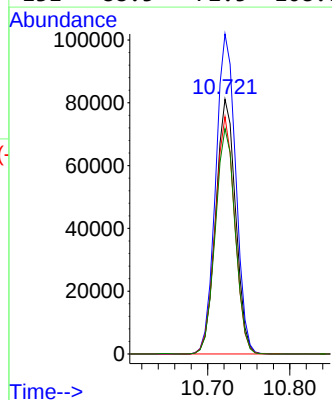
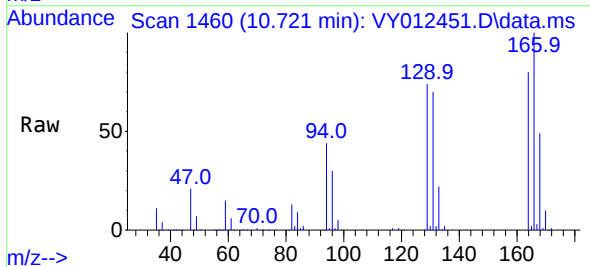
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

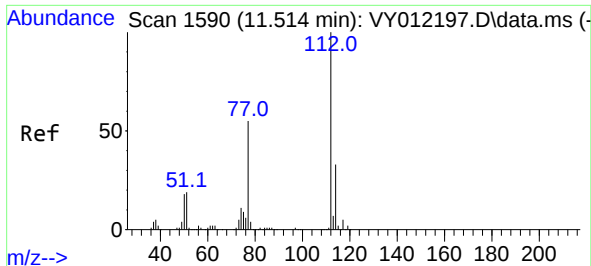
Tgt Ion:117 Resp: 272875
Ion Ratio Lower Upper
117 100
82 52.5 44.8 67.2
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 54.550 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:164 Resp: 135826
Ion Ratio Lower Upper
164 100
166 125.7 102.3 153.5
129 93.2 77.2 115.8
131 88.5 72.5 108.7

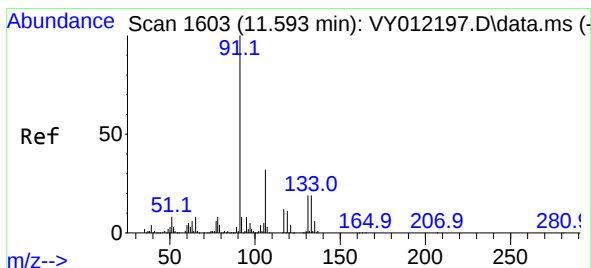
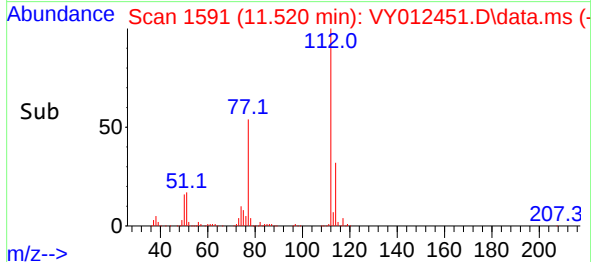
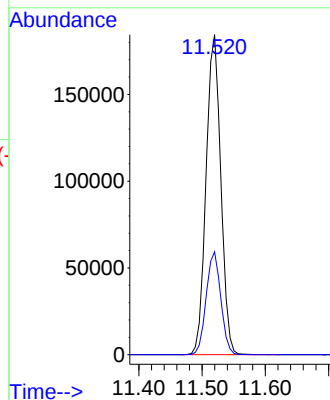
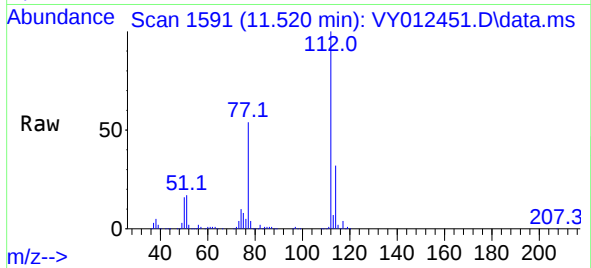




#65
Chlorobenzene
Concen: 53.506 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

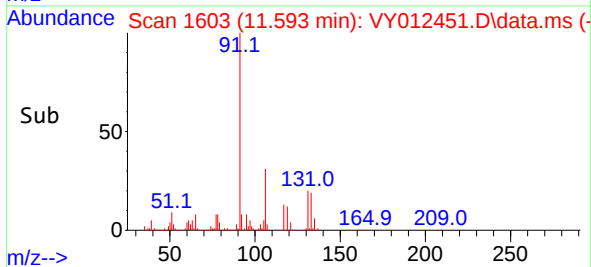
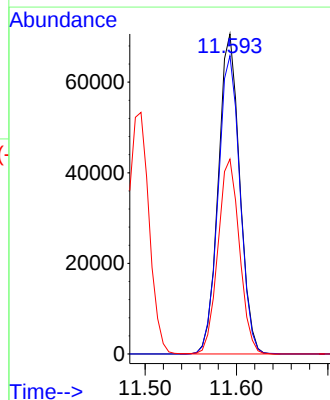
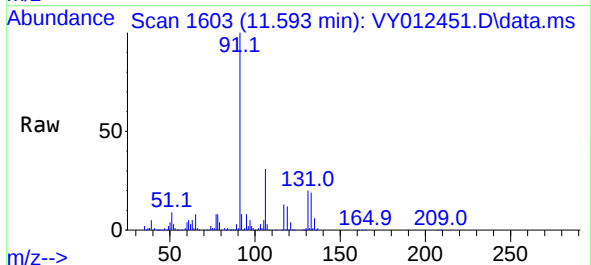
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

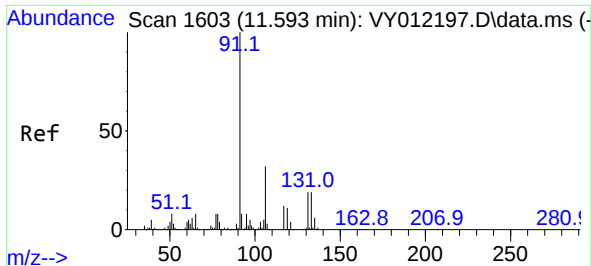
Tgt Ion:112 Resp: 298731
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.492 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:131 Resp: 114836
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 61.4 32.1 96.3





#67

Ethyl Benzene

Concen: 53.637 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

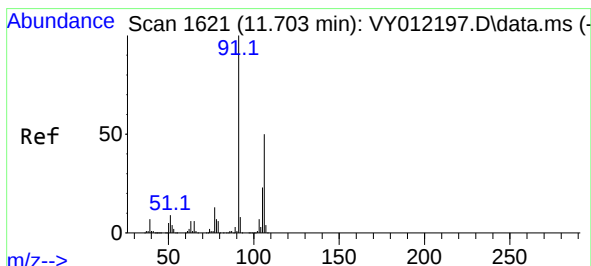
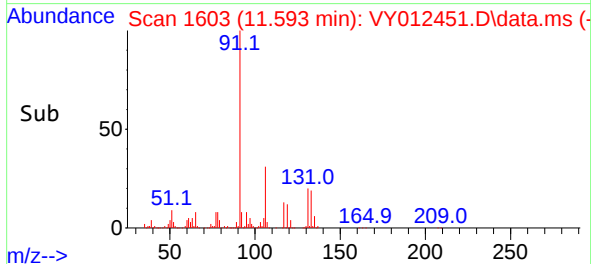
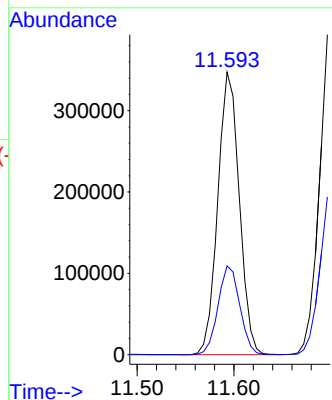
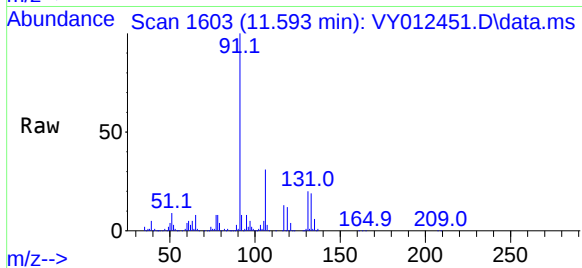
VSTDCCC050

Tgt Ion: 91 Resp: 535197

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 106.625 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012451.D

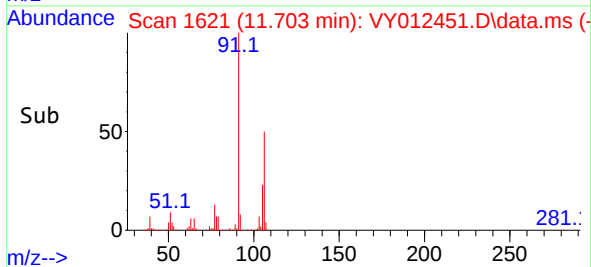
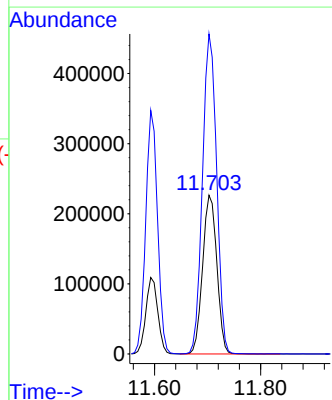
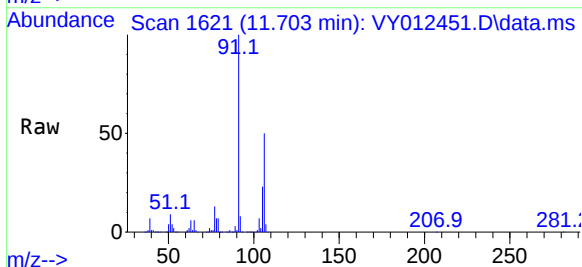
Acq: 02 Feb 2023 11:58

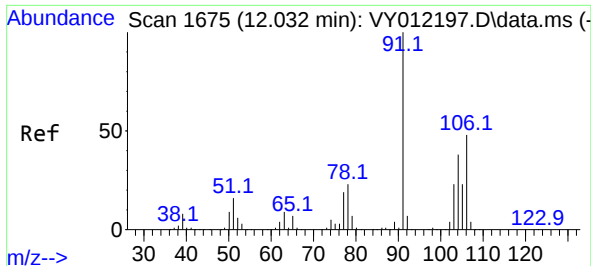
Tgt Ion:106 Resp: 420660

Ion Ratio Lower Upper

106 100

91 200.3 162.5 243.7

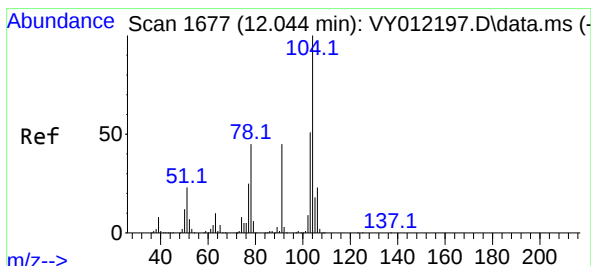
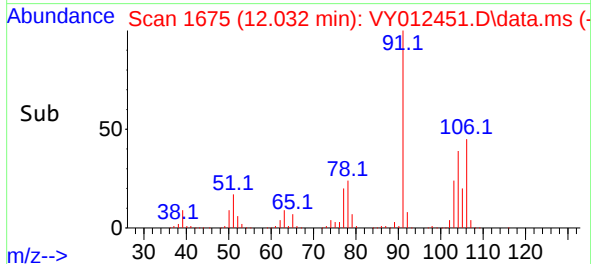
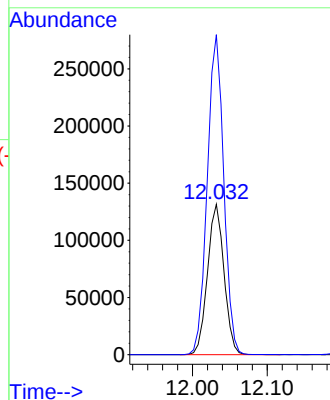
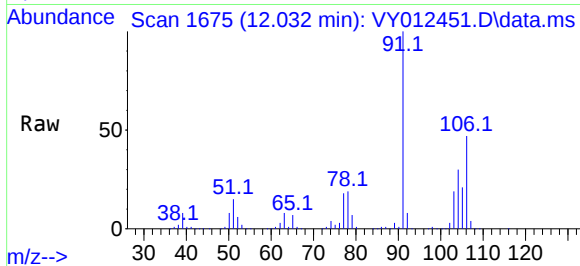




#69
o-Xylene
Concen: 53.607 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

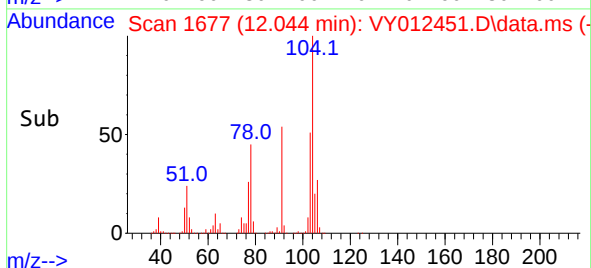
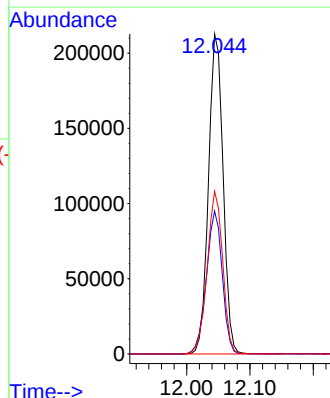
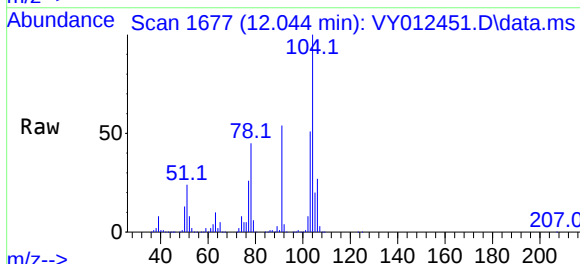
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

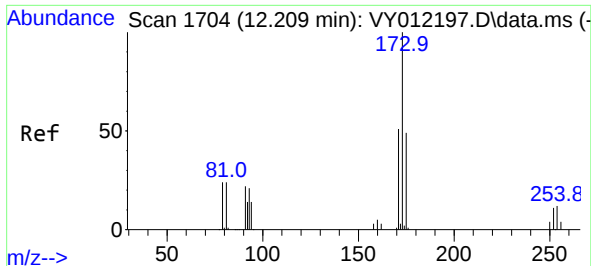
Tgt Ion:106 Resp: 202007
Ion Ratio Lower Upper
106 100
91 212.1 107.5 322.4



#70
Styrene
Concen: 54.373 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:104 Resp: 342341
Ion Ratio Lower Upper
104 100
78 48.5 39.4 59.0
103 54.1 43.0 64.4

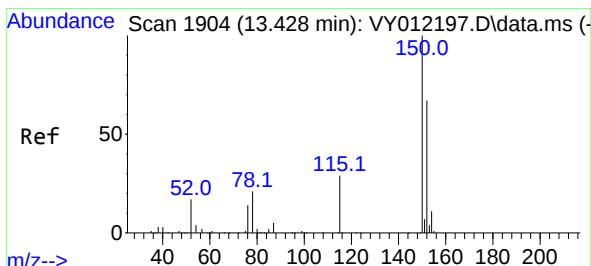
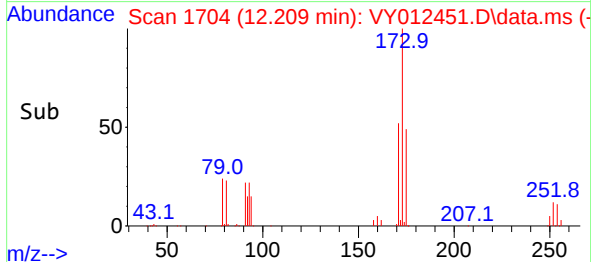
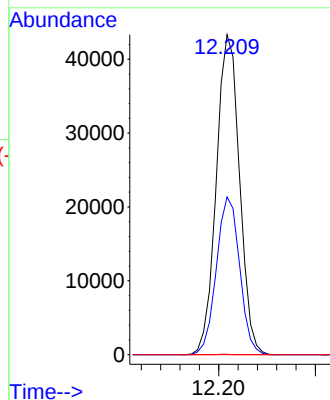
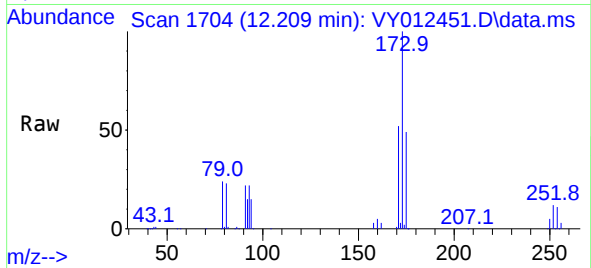




#71
Bromoform
Concen: 53.604 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

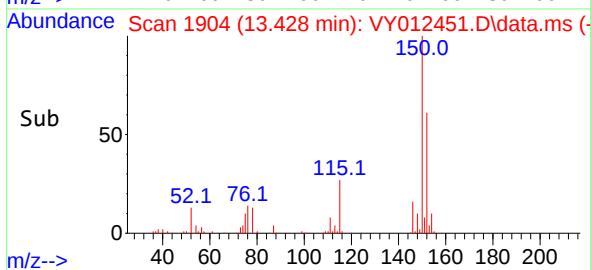
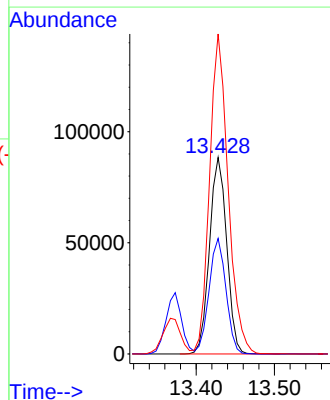
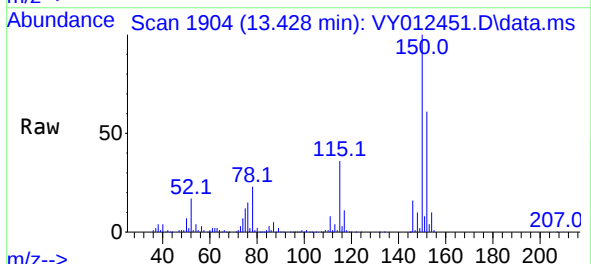
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

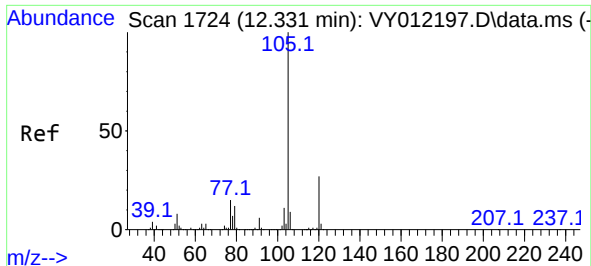
Tgt Ion:173 Resp: 72173
Ion Ratio Lower Upper
173 100
175 49.3 23.8 71.5
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:152 Resp: 134846
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 175.7 0.0 342.6

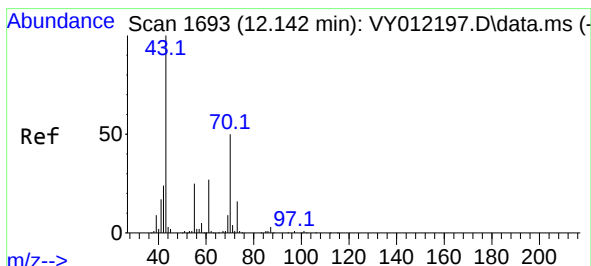
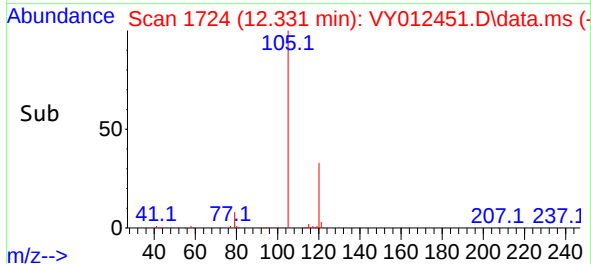
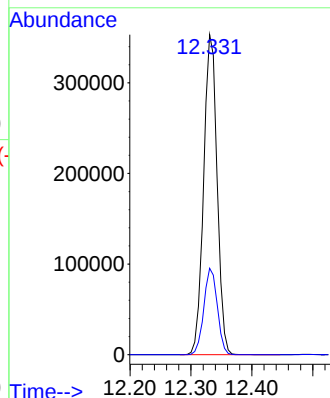
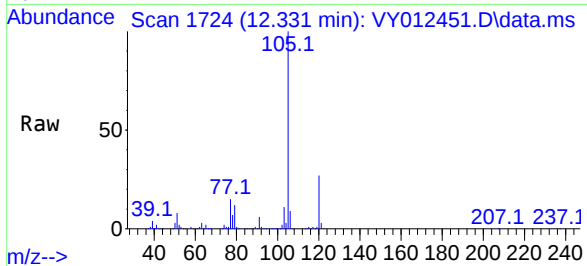




#73
Isopropylbenzene
Concen: 55.799 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

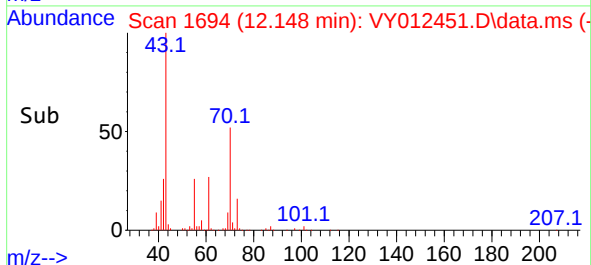
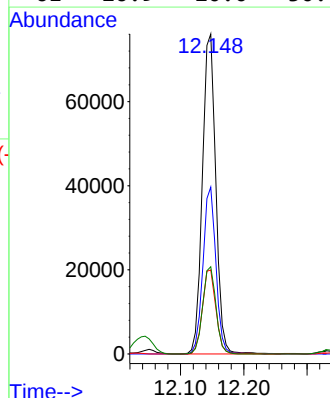
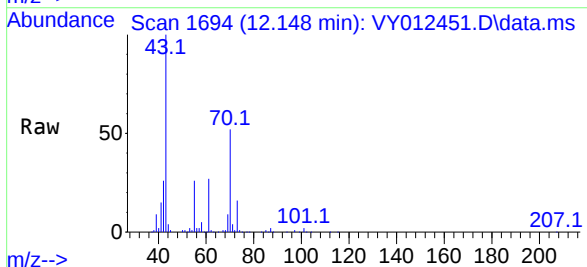
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

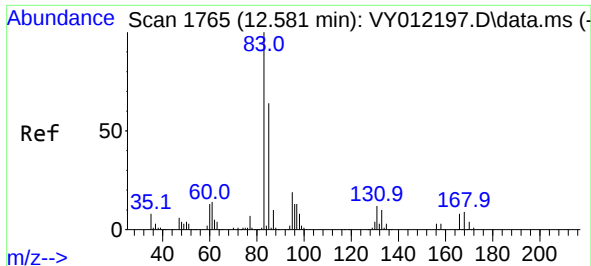
Tgt Ion:105 Resp: 542567
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 59.024 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 43 Resp: 112506
Ion Ratio Lower Upper
43 100
70 50.5 35.8 53.8
55 26.6 21.0 31.4
61 26.9 20.0 30.0

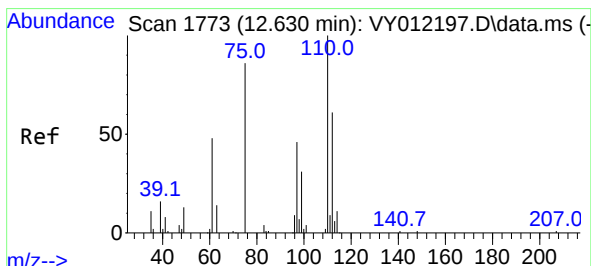
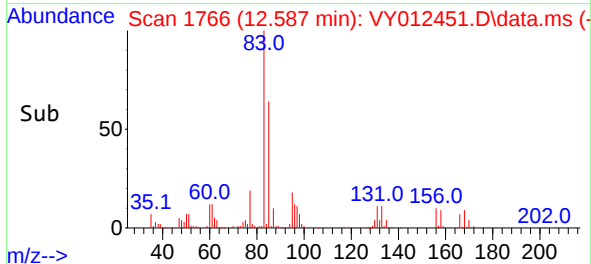
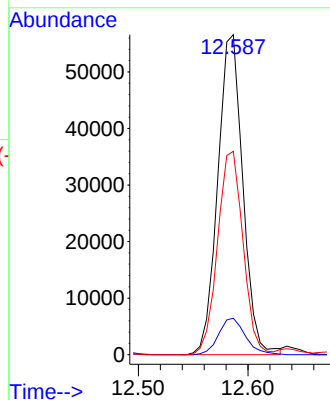
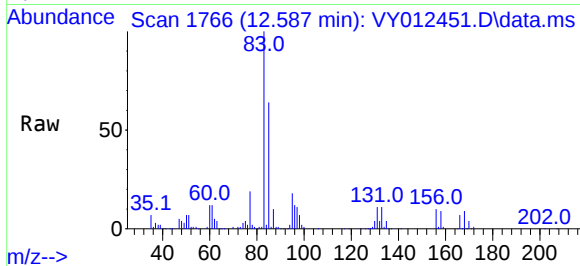




#75
1,1,2,2-Tetrachloroethane
Concen: 58.850 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

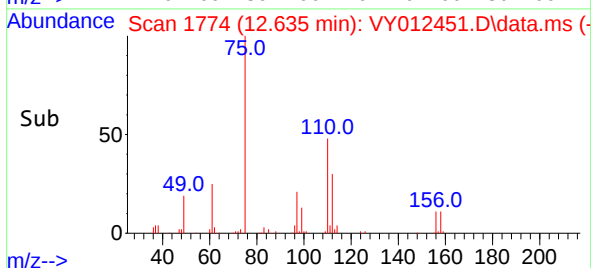
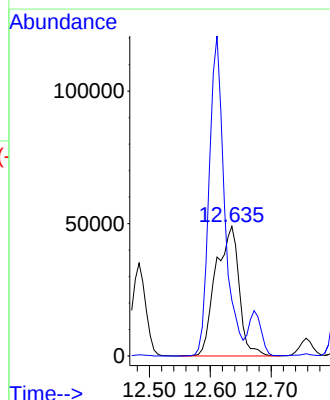
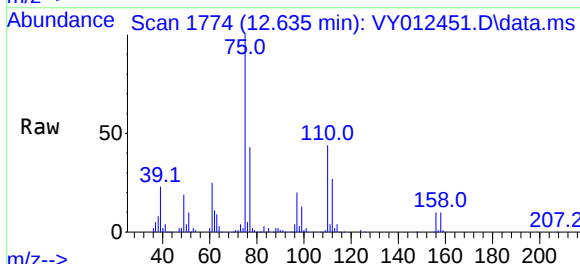
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

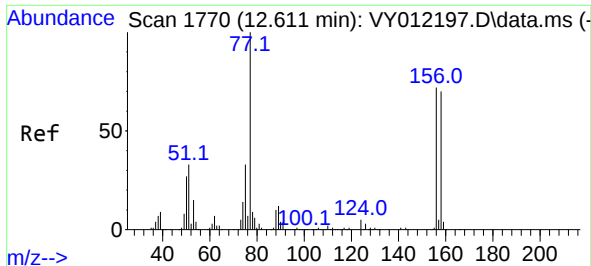
Tgt Ion: 83 Resp: 90133
Ion Ratio Lower Upper
83 100
131 12.2 5.6 16.8
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 105.063 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 75 Resp: 130274
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

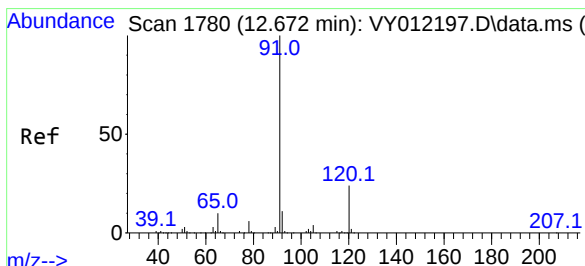
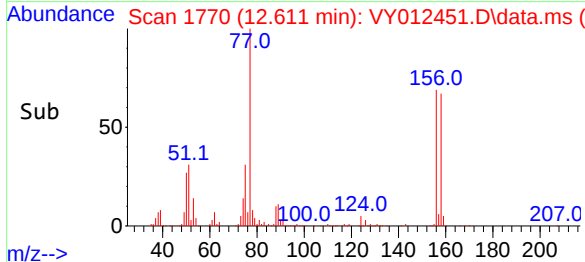
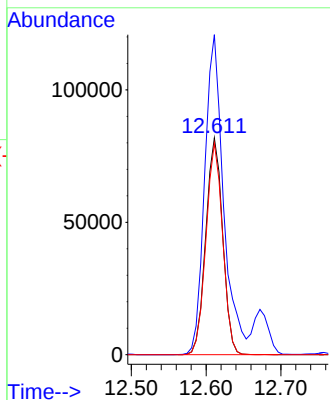
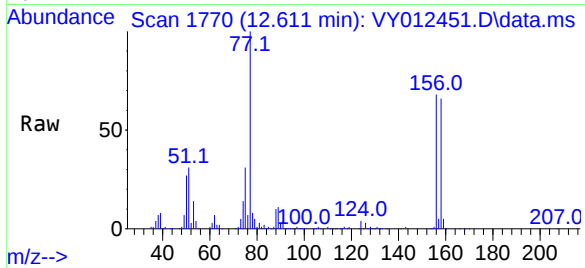




#77
Bromobenzene
Concen: 54.939 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

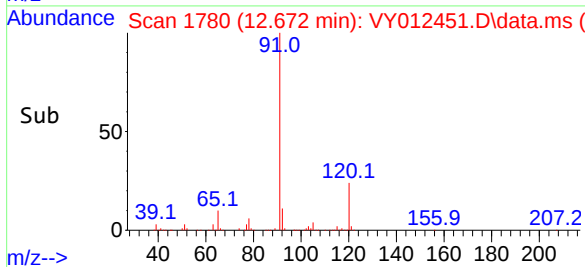
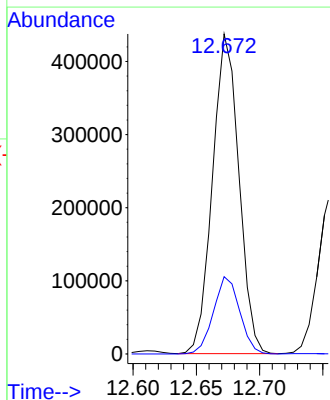
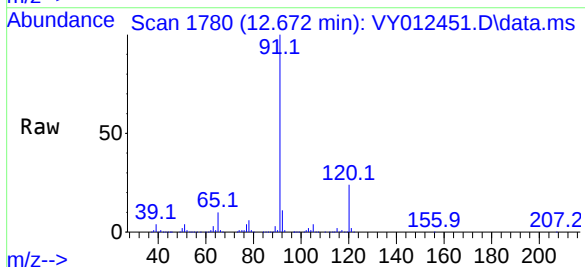
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

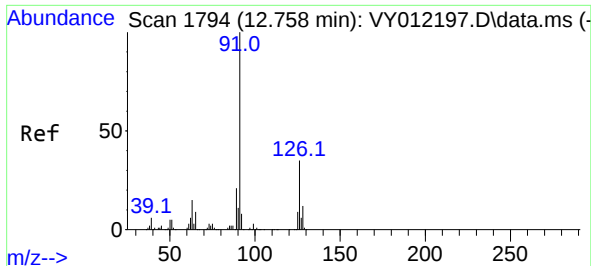
Tgt Ion:156 Resp: 128546
Ion Ratio Lower Upper
156 100
77 165.0 90.0 270.0
158 96.3 48.4 145.2



#78
n-propylbenzene
Concen: 55.752 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 91 Resp: 634373
Ion Ratio Lower Upper
91 100
120 24.0 11.8 35.4





#79

2-Chlorotoluene

Concen: 55.160 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

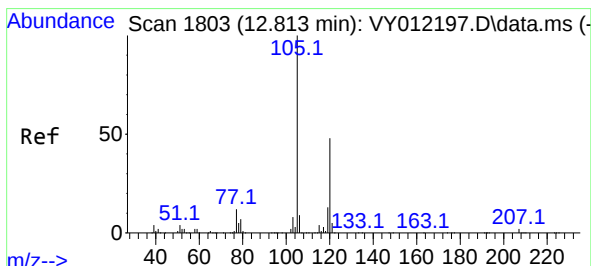
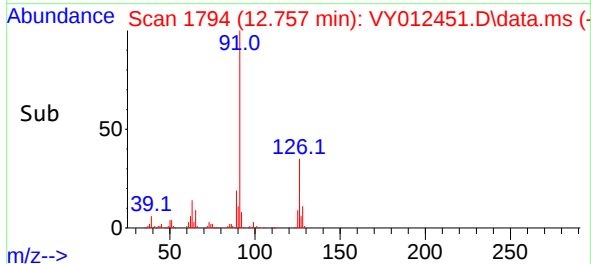
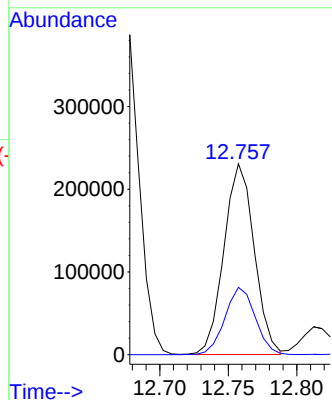
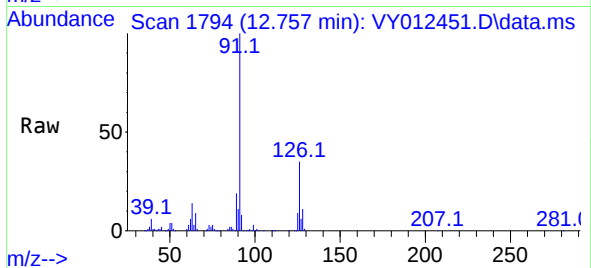
VSTDCCC050

Tgt Ion: 91 Resp: 354865

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 54.560 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012451.D

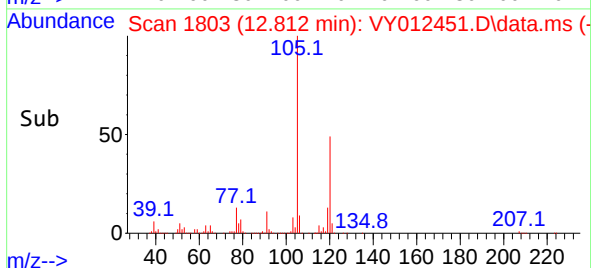
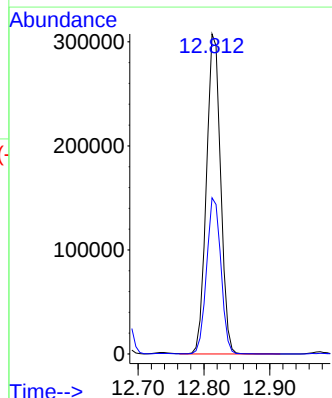
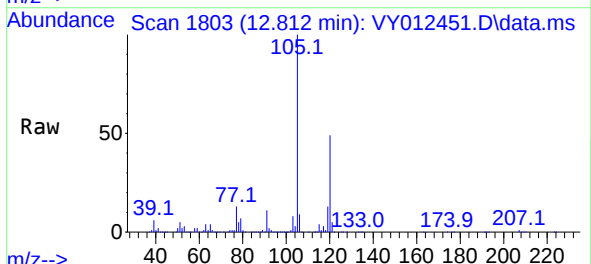
Acq: 02 Feb 2023 11:58

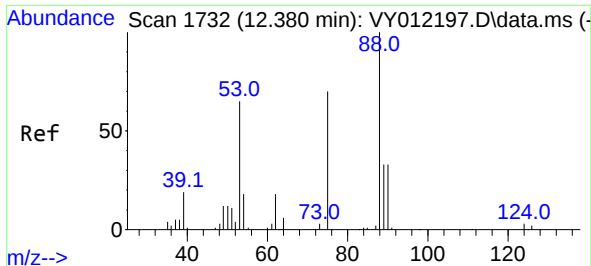
Tgt Ion:105 Resp: 461193

Ion Ratio Lower Upper

105 100

120 49.3 24.2 72.6

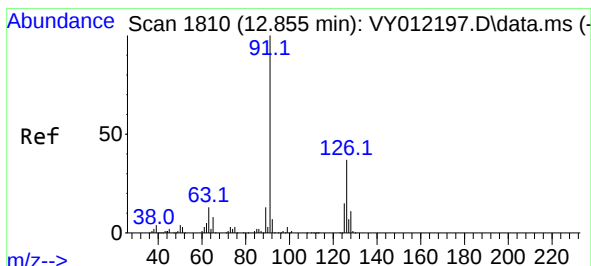
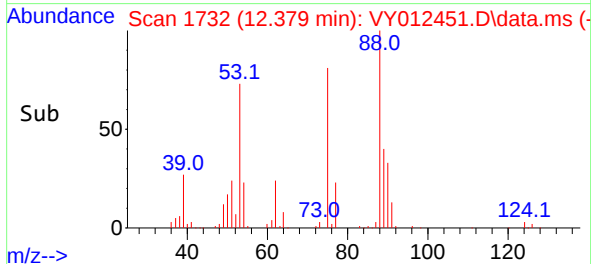
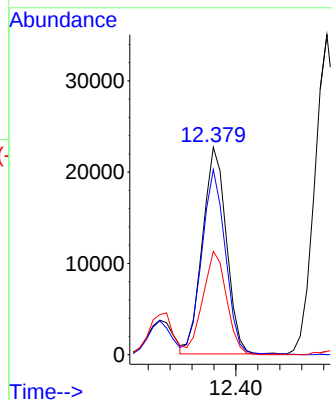
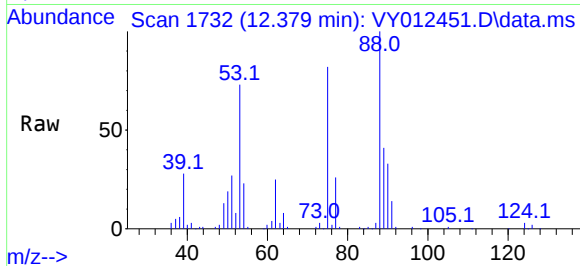




#81
trans-1,4-Dichloro-2-butene
Concen: 56.928 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

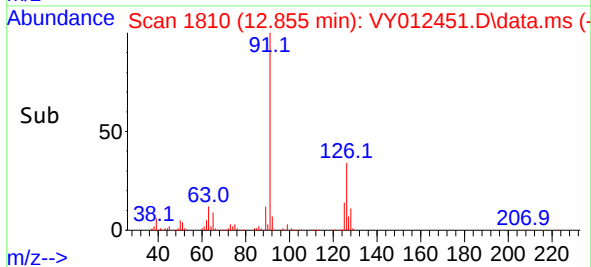
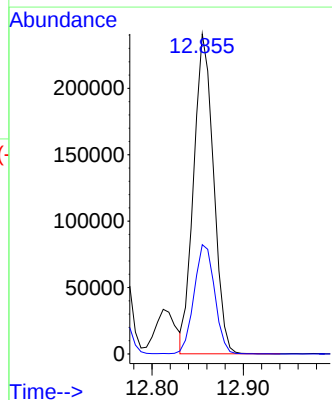
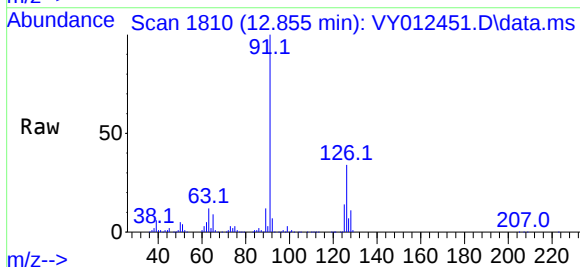
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

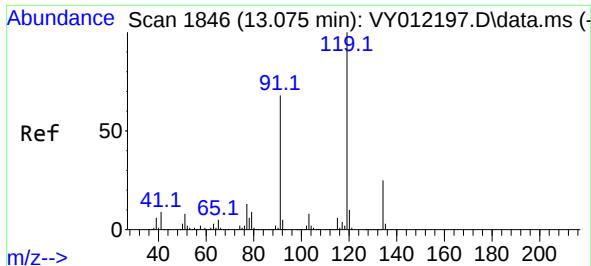
Tgt Ion: 75 Resp: 34259
Ion Ratio Lower Upper
75 100
53 89.2 72.5 108.7
89 49.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.797 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 91 Resp: 363543
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2

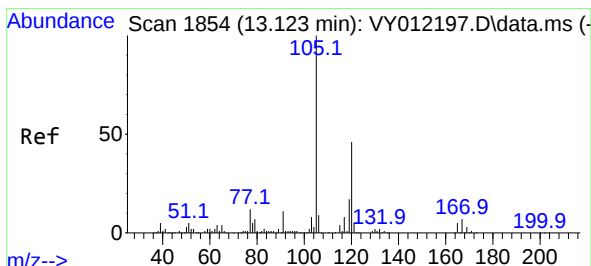
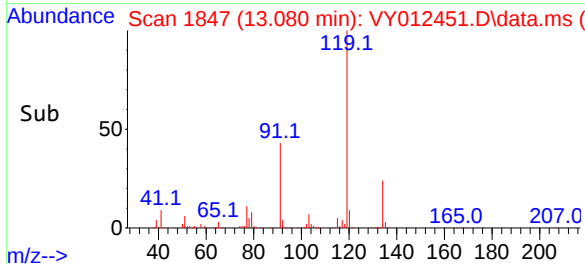
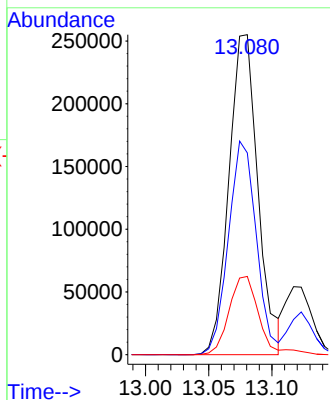
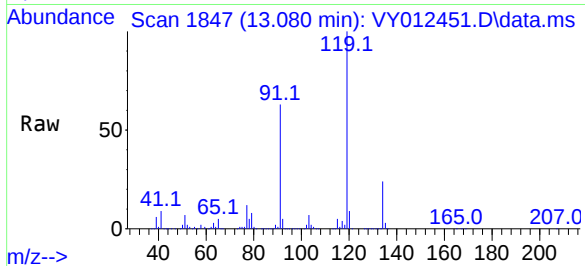




#83
tert-Butylbenzene
Concen: 55.440 ug/l
RT: 13.080 min Scan# 1846
Delta R.T. 0.005 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

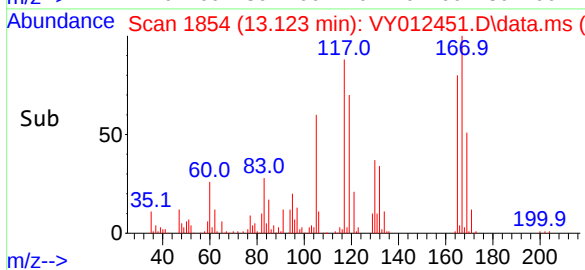
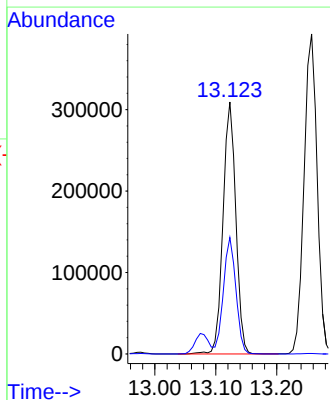
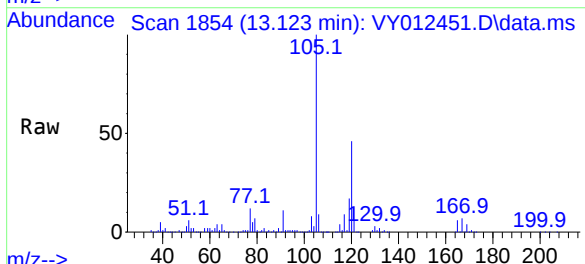
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

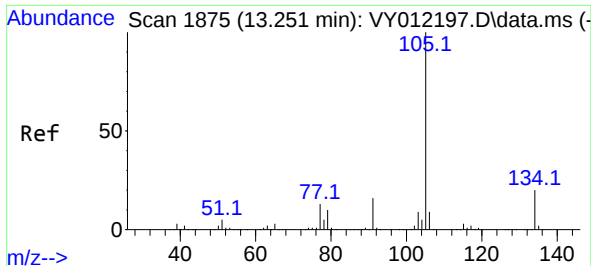
Tgt Ion:119 Resp: 408443
Ion Ratio Lower Upper
119 100
91 64.2 32.3 96.8
134 25.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 54.301 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:105 Resp: 452658
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7

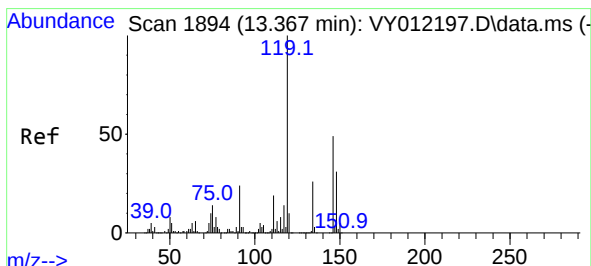
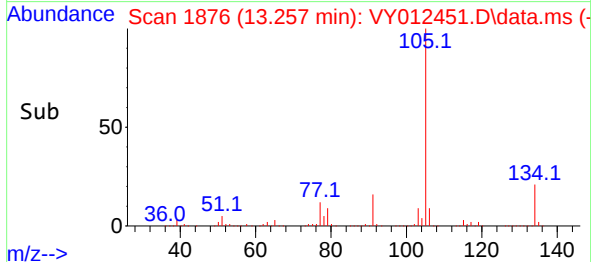
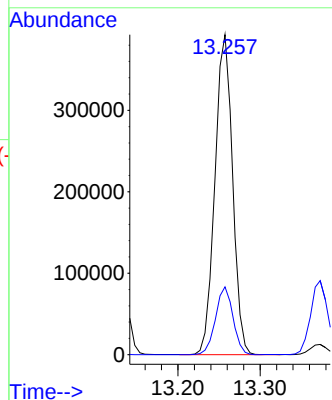
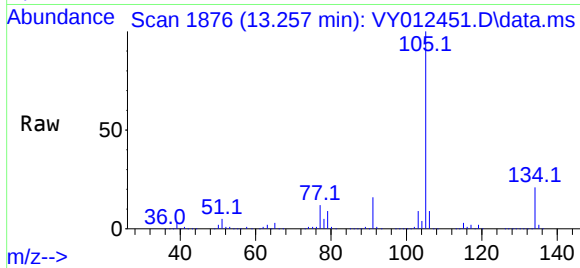




#85
 sec-Butylbenzene
 Concen: 55.765 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012451.D
 Acq: 02 Feb 2023 11:58

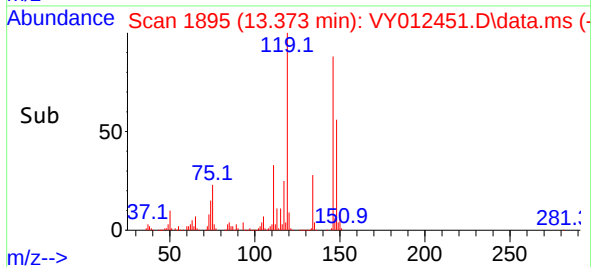
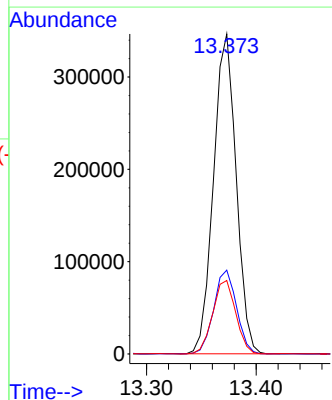
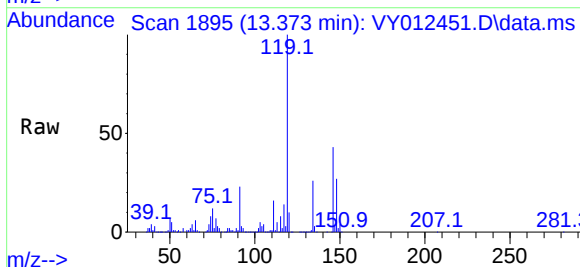
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

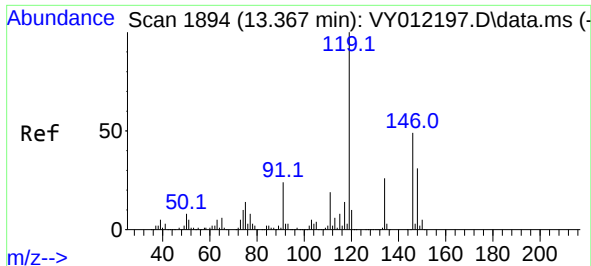
Tgt Ion:105 Resp: 584929
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 54.244 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012451.D
 Acq: 02 Feb 2023 11:58

Tgt Ion:119 Resp: 497115
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.4 11.9 35.9

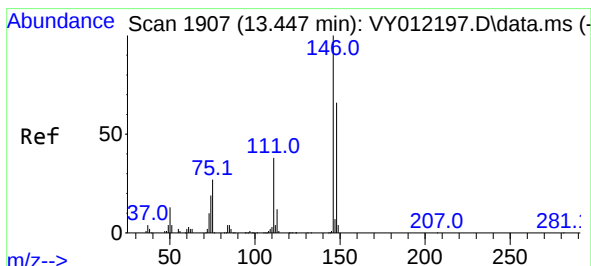
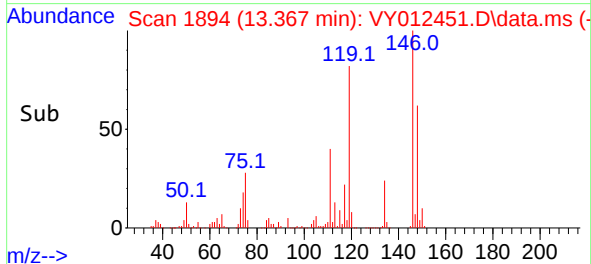
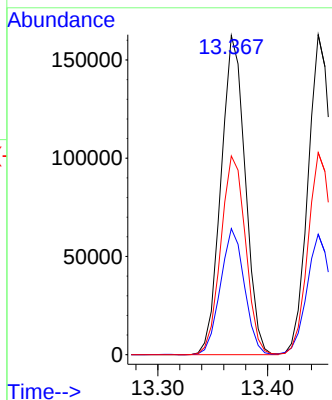
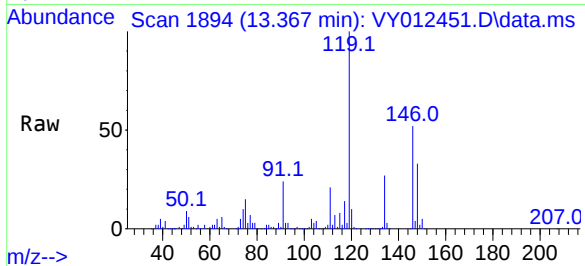




#87
1,3-Dichlorobenzene
Concen: 53.570 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

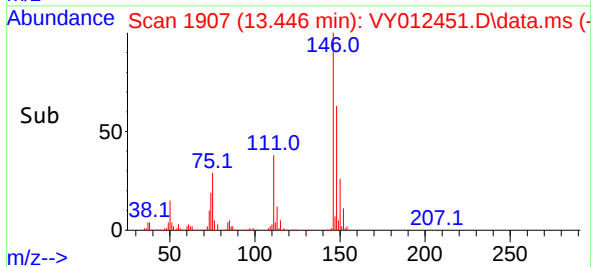
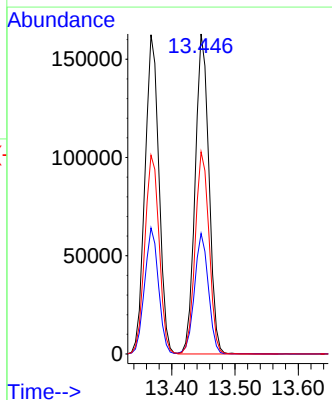
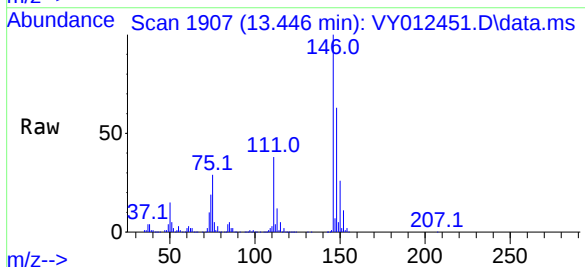
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

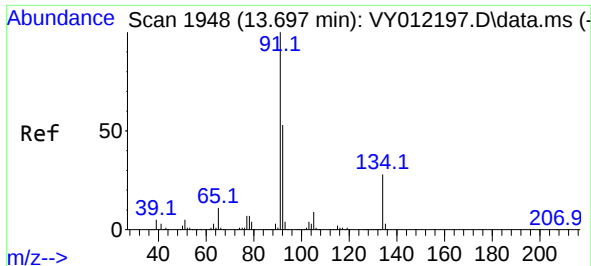
Tgt Ion:146 Resp: 249292
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.295 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:146 Resp: 247339
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.7
148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 55.529 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012451.D

Acq: 02 Feb 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

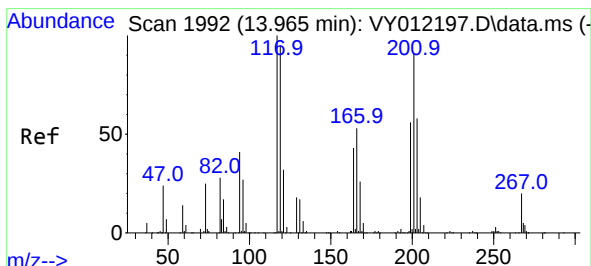
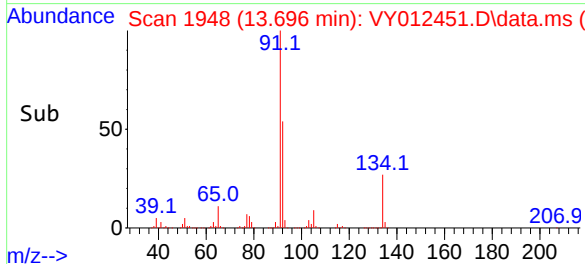
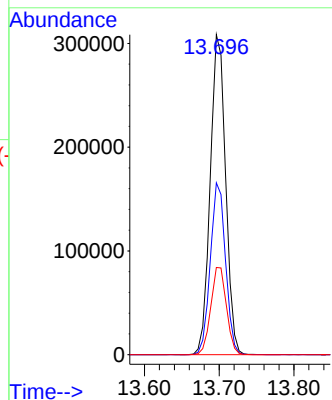
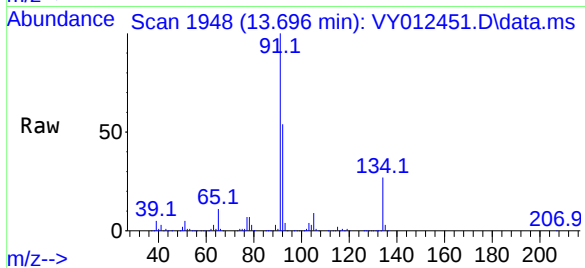
Tgt Ion: 91 Resp: 441011

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 27.8 13.3 39.8



#90

Hexachloroethane

Concen: 54.938 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VY012451.D

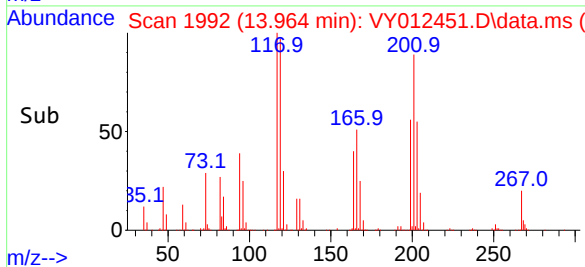
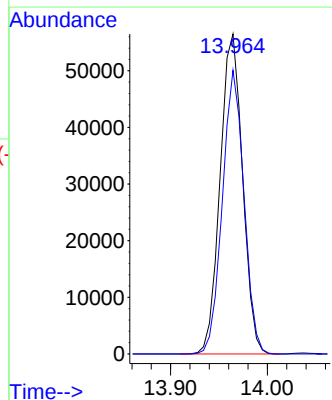
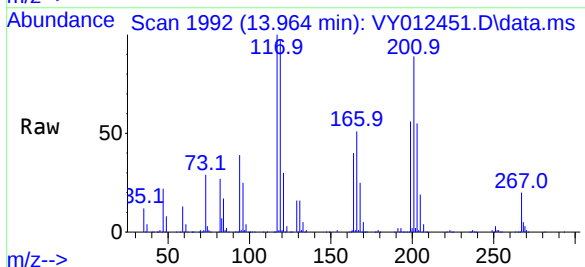
Acq: 02 Feb 2023 11:58

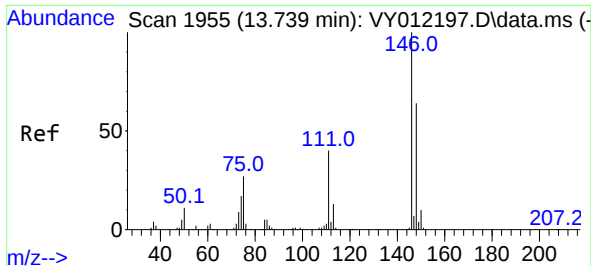
Tgt Ion: 117 Resp: 90891

Ion Ratio Lower Upper

117 100

201 85.2 40.3 120.8

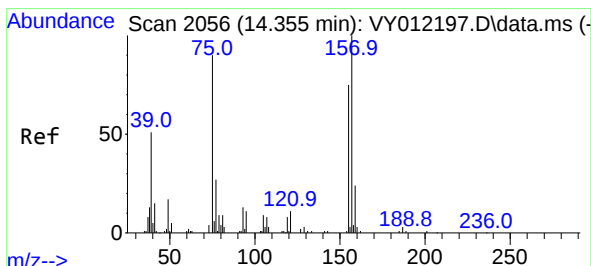
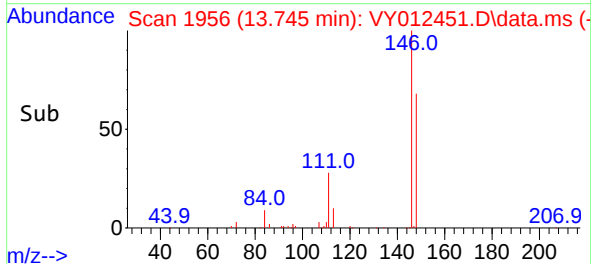
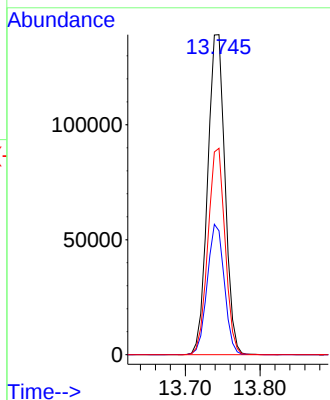
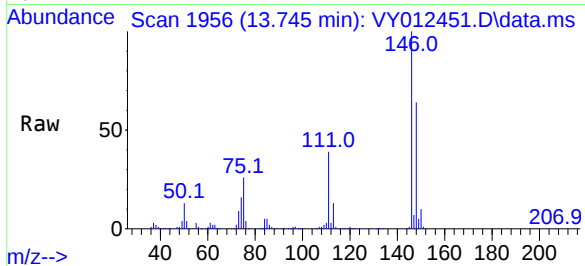




#91
1,2-Dichlorobenzene
Concen: 54.022 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

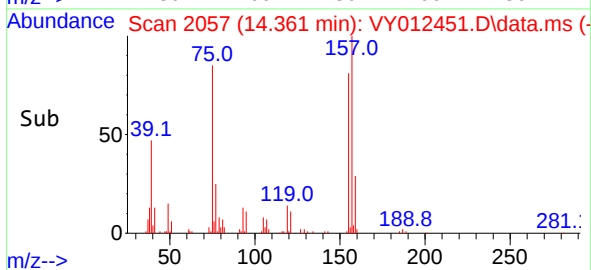
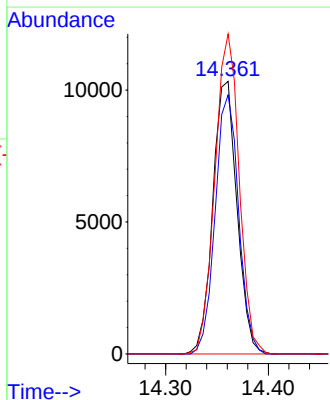
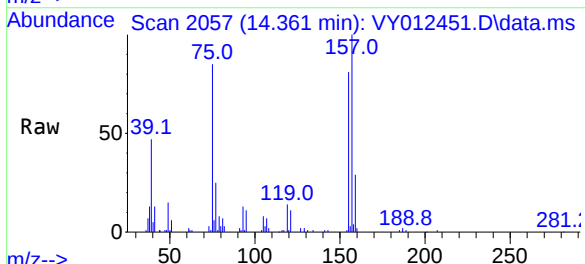
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

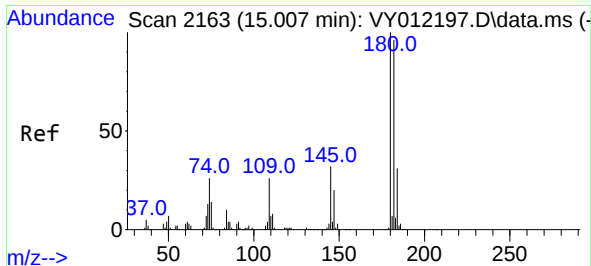
Tgt Ion:146 Resp: 224314
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.289 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion: 75 Resp: 16867
Ion Ratio Lower Upper
75 100
155 92.0 42.3 126.8
157 117.9 54.4 163.3

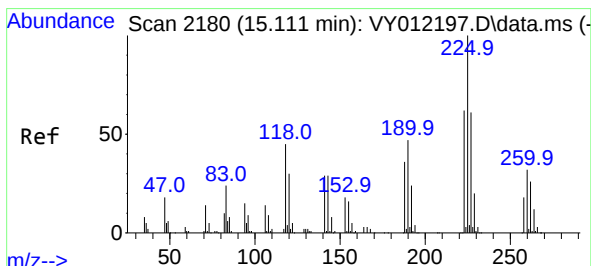
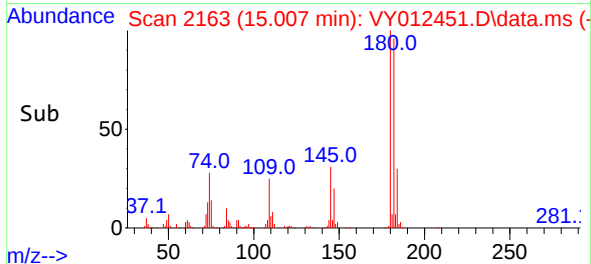
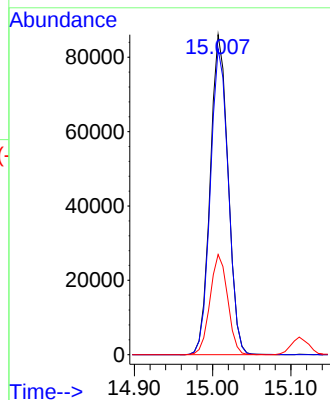
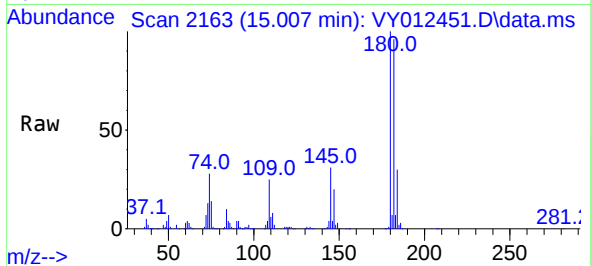




#93
1,2,4-Trichlorobenzene
Concen: 51.251 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

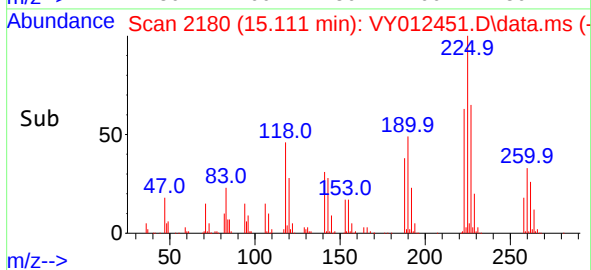
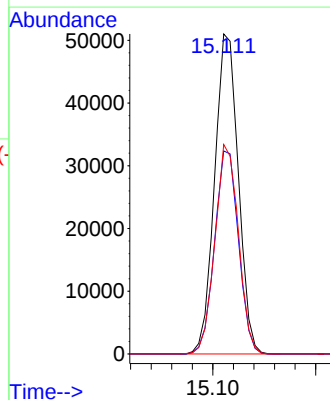
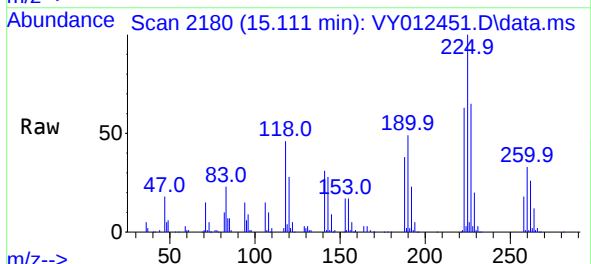
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

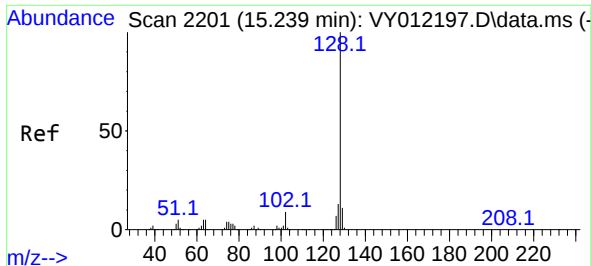
Tgt Ion:180 Resp: 136355
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 30.9 15.4 46.4



#94
Hexachlorobutadiene
Concen: 50.895 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:225 Resp: 81527
Ion Ratio Lower Upper
225 100
223 63.9 31.4 94.2
227 64.9 32.6 97.8

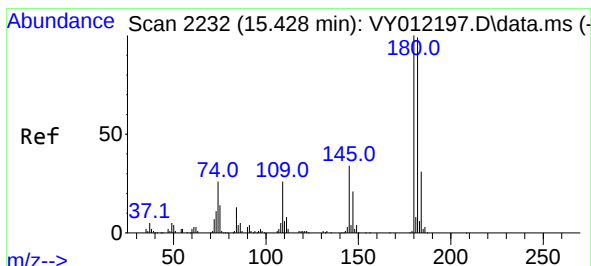
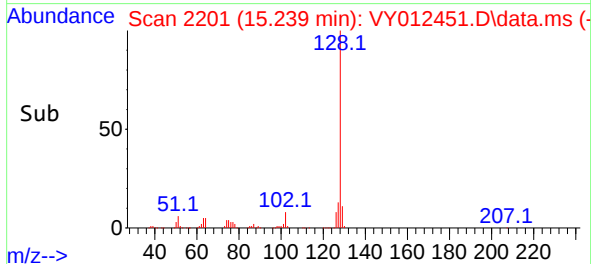
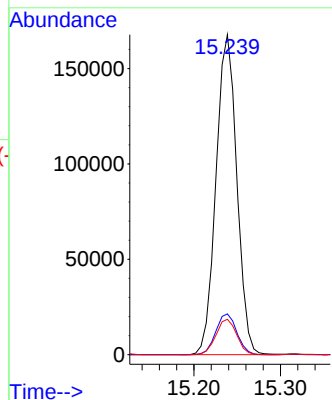
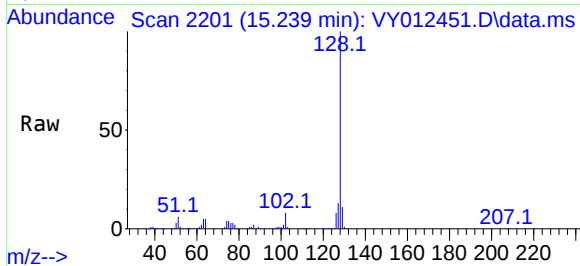




#95
Naphthalene
Concen: 53.313 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 279968
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.643 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012451.D
Acq: 02 Feb 2023 11:58

Tgt Ion:180 Resp: 118236
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 32.4 16.1 48.2

