

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY008995.D
 Acq On : 23 May 2022 10:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 01:45:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	125940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59738	46.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.180%
35) Dibromofluoromethane	7.716	113	62508	50.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.179	98	210264	45.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.483	95	109958	59.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64074	55.626	ug/l	95
3) Chloromethane	2.113	50	99946	60.566	ug/l	97
4) Vinyl Chloride	2.247	62	139024	56.865	ug/l	100
5) Bromomethane	2.644	94	109565	45.718	ug/l	100
6) Chloroethane	2.790	64	94181	54.376	ug/l	95
7) Trichlorofluoromethane	3.125	101	111306	53.610	ug/l	92
8) Diethyl Ether	3.534	74	34325	52.872	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	68962	54.044	ug/l	93
10) Methyl Iodide	4.088	142	77178	58.573	ug/l	93
11) Tert butyl alcohol	4.948	59	28901	219.826	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	64194	54.192	ug/l	87
13) Acrolein	3.723	56	6101	140.982	ug/l	95
14) Allyl chloride	4.479	41	99422	55.693	ug/l #	89
15) Acrylonitrile	5.161	53	94607	260.271	ug/l	98
16) Acetone	3.942	43	75766	280.819	ug/l	90
17) Carbon Disulfide	4.192	76	212957	55.028	ug/l	99
18) Methyl Acetate	4.473	43	41360	49.229	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	188582	53.040	ug/l	97
20) Methylene Chloride	4.716	84	74922	49.650	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	80702	53.079	ug/l	86
22) Diisopropyl ether	6.119	45	244016	56.896	ug/l #	94
23) Vinyl Acetate	6.058	43	795959	280.568	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	141069	54.993	ug/l	99
25) 2-Butanone	6.984	43	129048	267.791	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	131477	55.640	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	92827	54.160	ug/l	88
28) Bromochloromethane	7.332	49	45356	51.513	ug/l #	91
29) Tetrahydrofuran	7.344	42	86188	263.295	ug/l #	87
30) Chloroform	7.502	83	151734	54.797	ug/l	99
31) Cyclohexane	7.777	56	134107	52.888	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	136331	54.268	ug/l	98
36) 1,1-Dichloropropene	7.917	75	121859	57.565	ug/l	99
37) Ethyl Acetate	7.070	43	58069	52.881	ug/l #	94
38) Carbon Tetrachloride	7.899	117	124745	56.331	ug/l	99
39) Methylcyclohexane	9.185	83	156313	57.206	ug/l	88
40) Benzene	8.161	78	348592	57.106	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	80831	142.647	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	100789	56.229	ug/l	92
43) Isopropyl Acetate	8.271	43	115059	56.351	ug/l #	92
44) Trichloroethene	8.941	130	90579	56.040	ug/l	97
45) 1,2-Dichloropropane	9.216	63	86095	58.738	ug/l	95
46) Dibromomethane	9.307	93	52045	55.842	ug/l	94
47) Bromodichloromethane	9.496	83	121494	57.039	ug/l	97
48) Methyl methacrylate	9.289	41	52162	57.212	ug/l #	88
49) 1,4-Dioxane	9.295	88	12798	1027.224	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	316061	279.698	ug/l	91
52) Toluene	10.246	92	251939	59.058	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	135216	59.779	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	140924	57.955	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	74175	56.886	ug/l	98
56) Ethyl methacrylate	10.508	69	97212	58.313	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	123525	58.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	206593	286.450	ug/l	95
59) 2-Hexanone	10.831	43	228244	295.009	ug/l	89
60) Dibromochloromethane	10.984	129	90589	57.312	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71548	55.374	ug/l	100
64) Tetrachloroethene	10.721	164	80648	53.484	ug/l	99
65) Chlorobenzene	11.514	112	262953	55.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	98388	56.509	ug/l	97
67) Ethyl Benzene	11.593	91	490273	57.214	ug/l	97
68) m/p-Xylenes	11.703	106	415940	119.569	ug/l	91
69) o-Xylene	12.032	106	192152	59.483	ug/l	90
70) Styrene	12.044	104	335862	60.458	ug/l	94
71) Bromoform	12.209	173	65404	56.667	ug/l #	100
73) Isopropylbenzene	12.331	105	520696	52.142	ug/l	100
74) N-amyl acetate	12.142	43	125296	54.381	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	100727	48.965	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	129325	90.174	ug/l #	100
77) Bromobenzene	12.611	156	118266	51.089	ug/l	93
78) n-propylbenzene	12.672	91	658017	57.033	ug/l	100
79) 2-Chlorotoluene	12.758	91	356756	53.606	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	462209	55.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36604	52.385	ug/l #	85
82) 4-Chlorotoluene	12.855	91	400510	56.266	ug/l	97
83) tert-Butylbenzene	13.075	119	401137	54.019	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	466369	56.127	ug/l	97
85) sec-Butylbenzene	13.251	105	641326	56.446	ug/l	99
86) p-Isopropyltoluene	13.373	119	545052	57.527	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	271869	55.056	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	267455	53.911	ug/l	99
89) n-Butylbenzene	13.696	91	491856	56.745	ug/l	100
90) Hexachloroethane	13.959	117	94568	53.262	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	238434	54.700	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14827	46.425	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	120634	50.426	ug/l	100
94) Hexachlorobutadiene	15.111	225	64560	49.515	ug/l	97
95) Naphthalene	15.239	128	237238	49.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	103980	50.018	ug/l	99

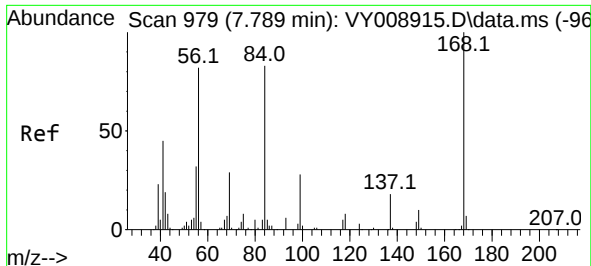
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

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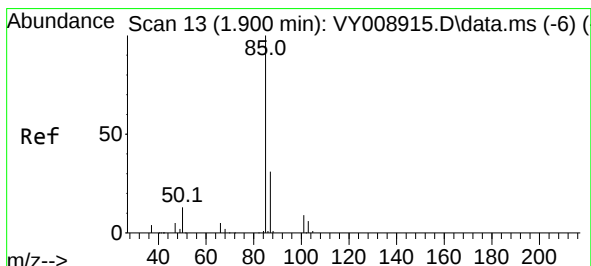
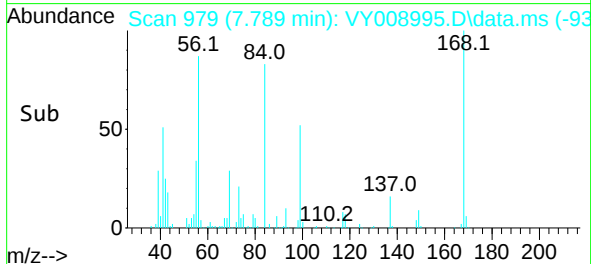
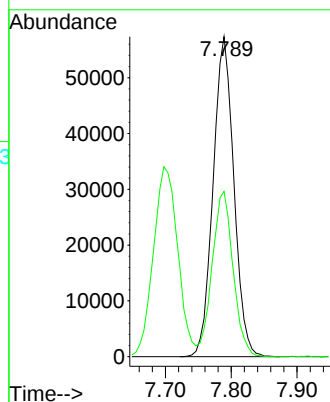
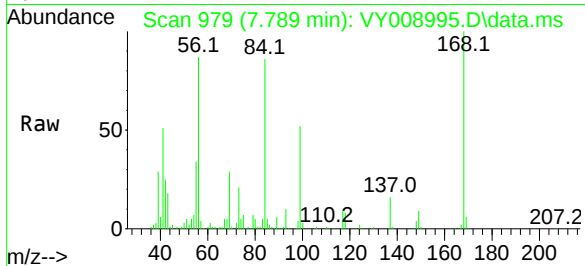
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

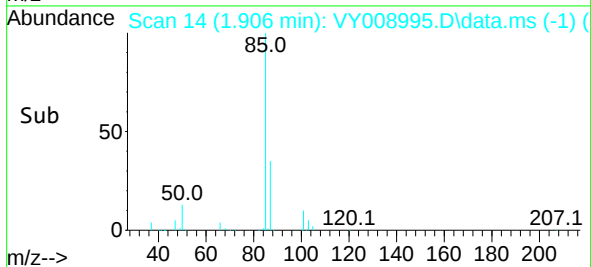
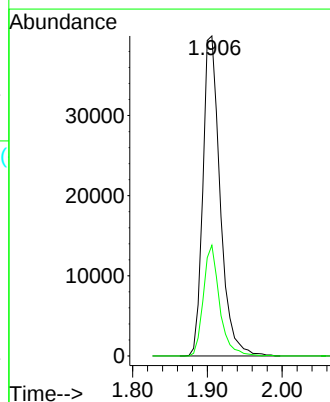
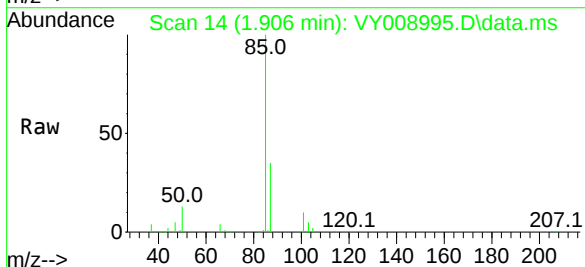
Instrument :
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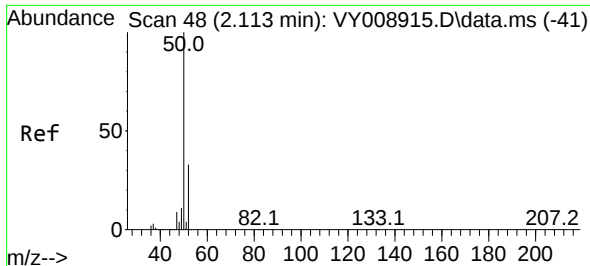
Tgt Ion:168 Resp: 125940
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 55.626 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 85 Resp: 64074
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.2

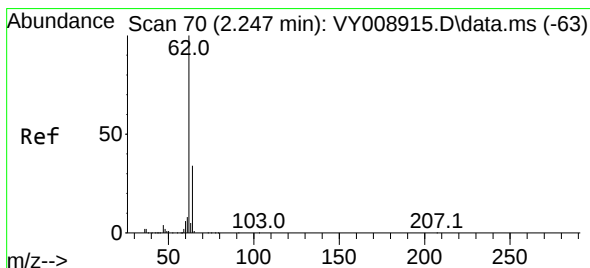
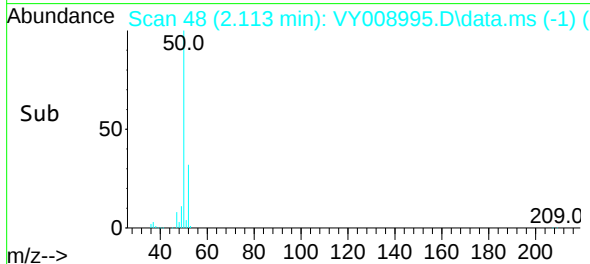
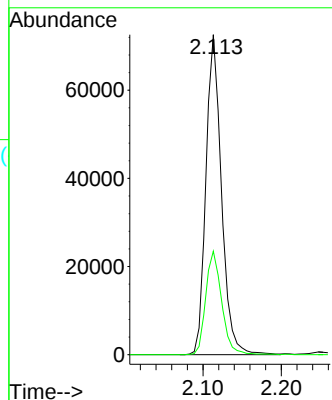
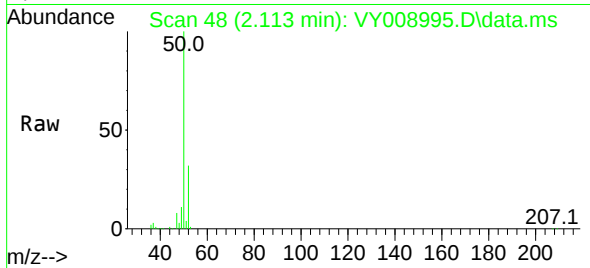




#3
Chloromethane
Concen: 60.566 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

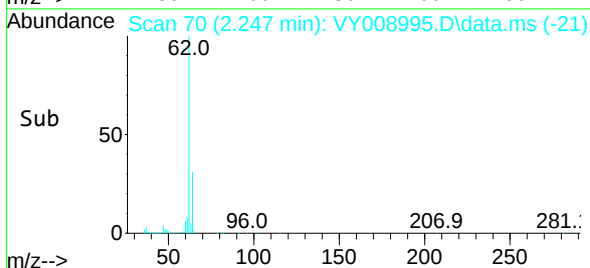
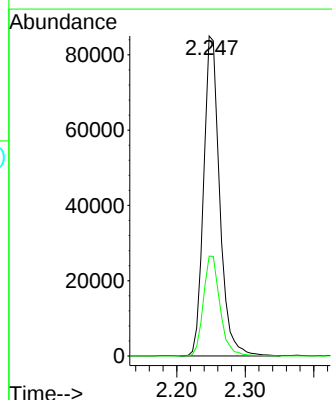
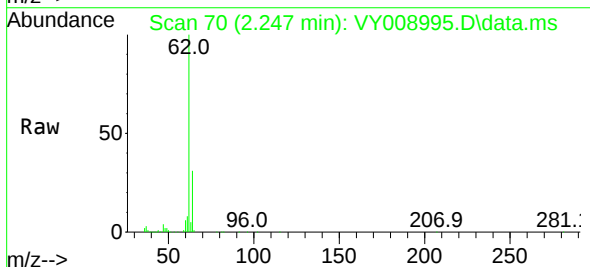
Instrument :
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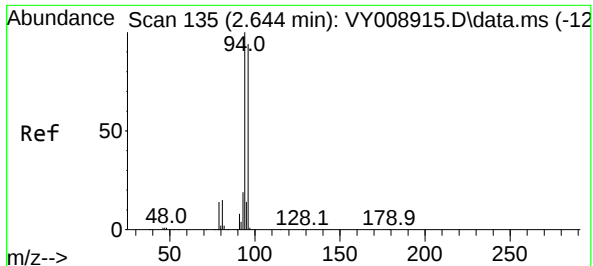
Tgt Ion: 50 Resp: 99946
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 56.865 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 62 Resp: 139024
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

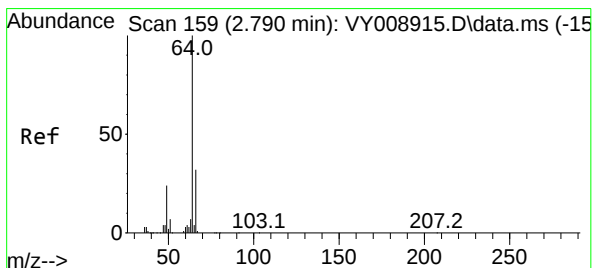
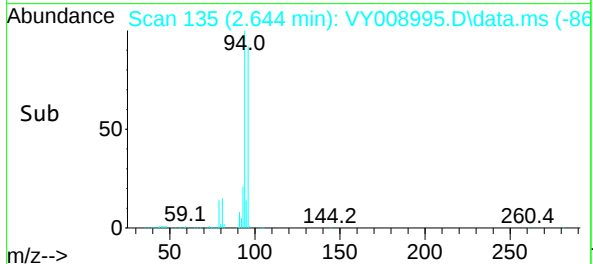
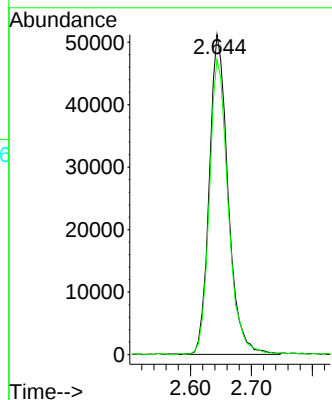
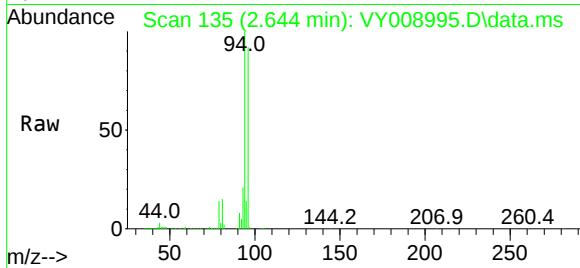




#5
Bromomethane
Concen: 45.718 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

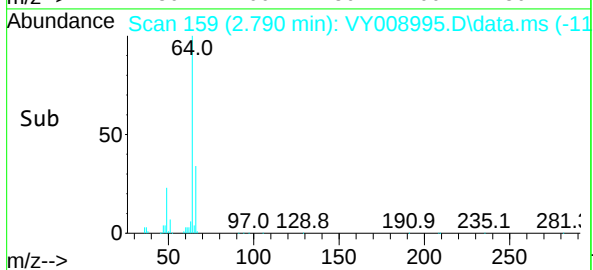
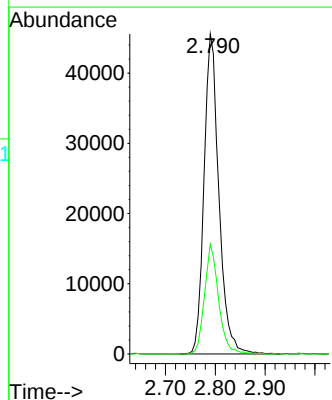
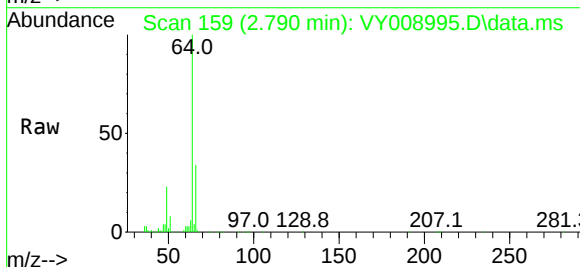
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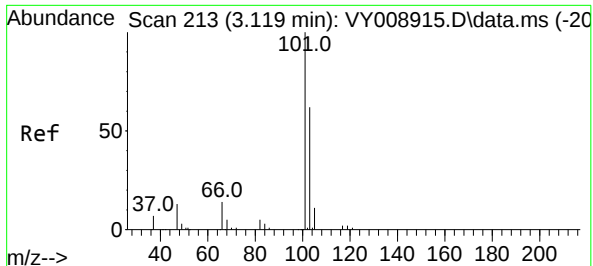
Tgt Ion: 94 Resp: 109565
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3



#6
Chloroethane
Concen: 54.376 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 64 Resp: 94181
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.0

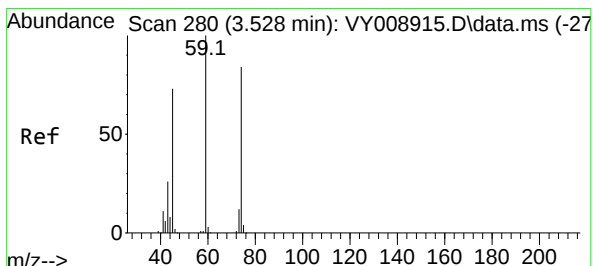
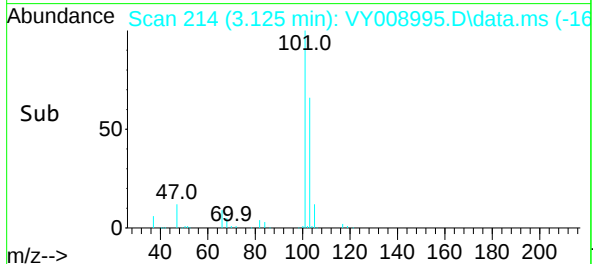
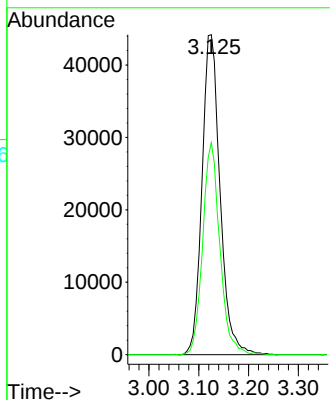
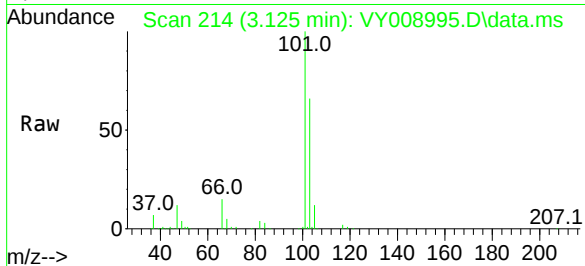




#7
Trichlorofluoromethane
Concen: 53.610 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

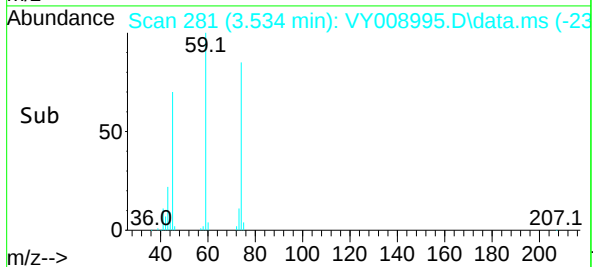
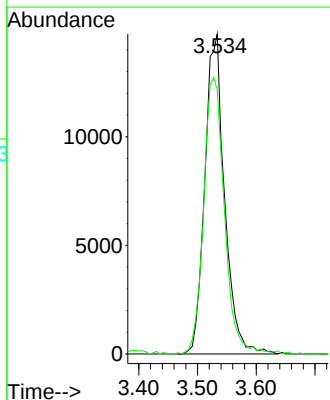
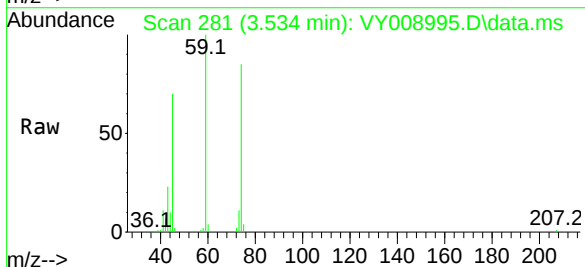
Instrument :
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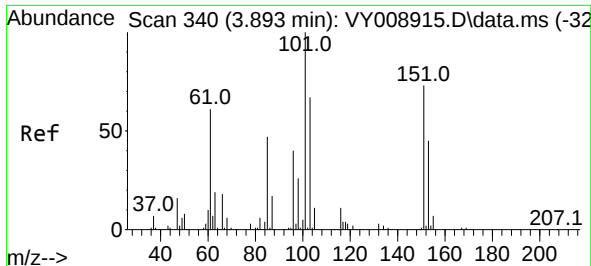
Tgt Ion:101 Resp: 111306
Ion Ratio Lower Upper
101 100
103 66.2 48.0 72.0



#8
Diethyl Ether
Concen: 52.872 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 74 Resp: 34325
Ion Ratio Lower Upper
74 100
45 91.6 55.1 165.5

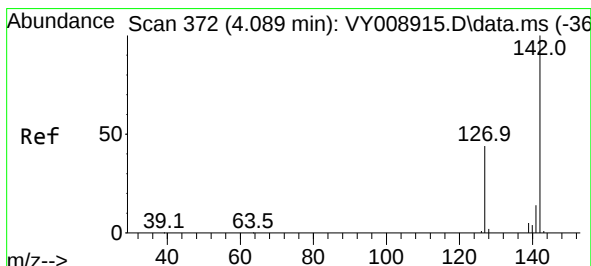
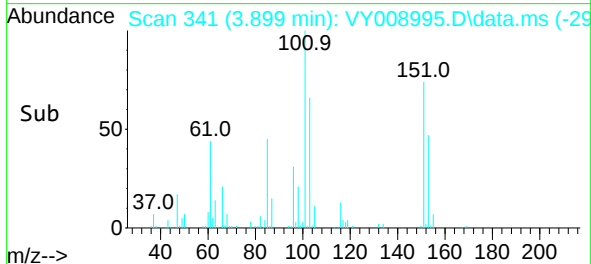
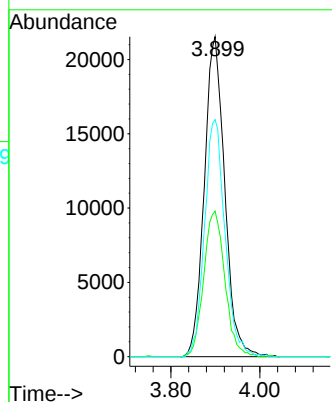
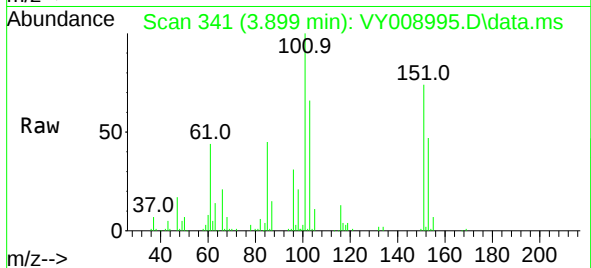




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.044 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008995.D
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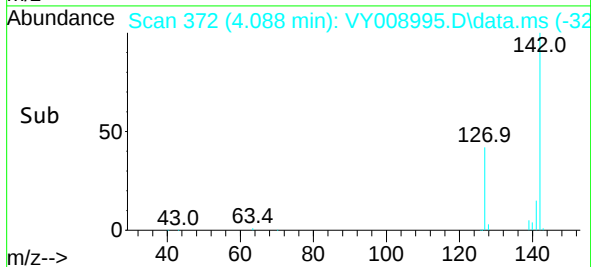
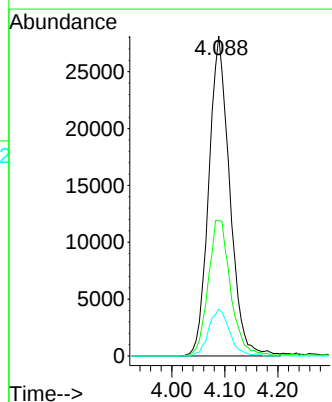
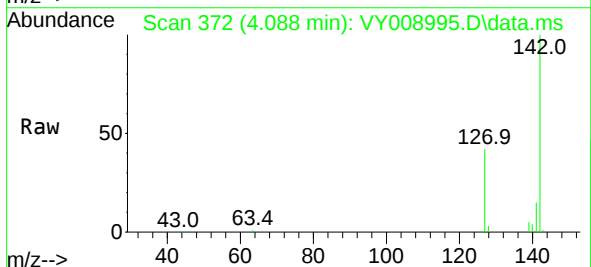
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

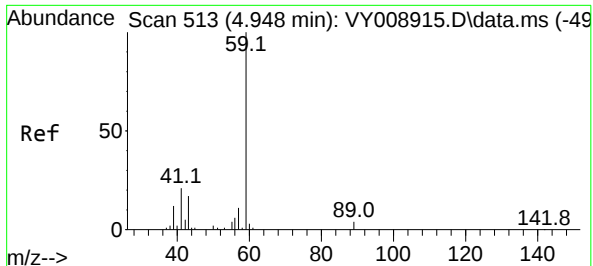
Tgt Ion:101 Resp: 68962
Ion Ratio Lower Upper
101 100
85 47.1 40.6 60.8
151 74.4 64.9 97.3



#10
Methyl Iodide
Concen: 58.573 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:142 Resp: 77178
Ion Ratio Lower Upper
142 100
127 45.4 41.5 62.3
141 14.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 219.826 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

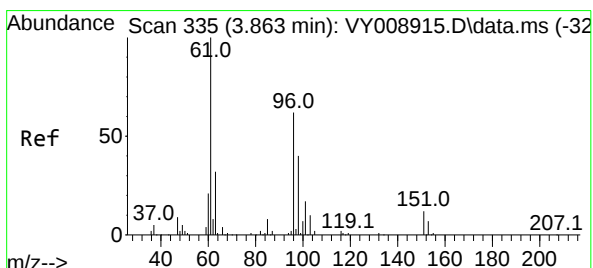
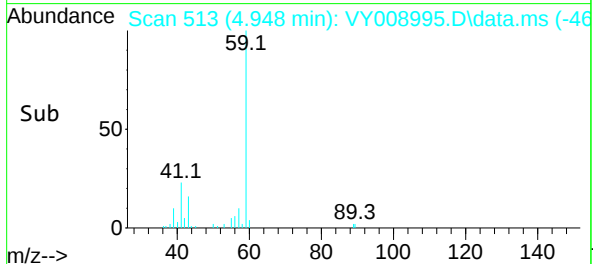
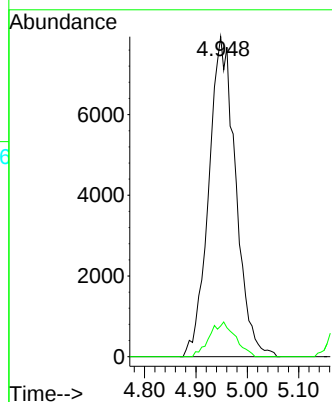
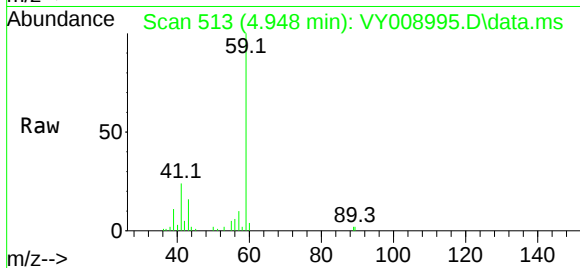
VSTDCCC050

Tgt Ion: 59 Resp: 28901

Ion Ratio Lower Upper

59 100

57 10.4 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 54.192 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

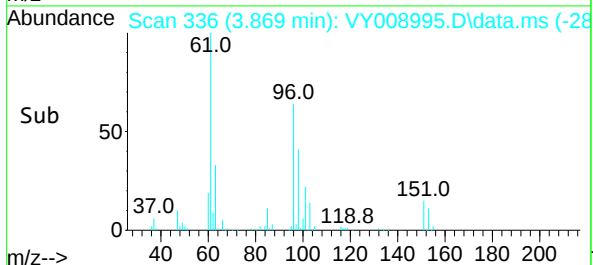
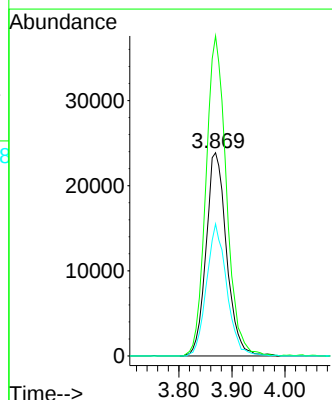
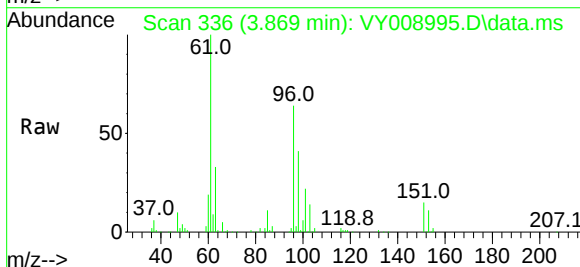
Tgt Ion: 96 Resp: 64194

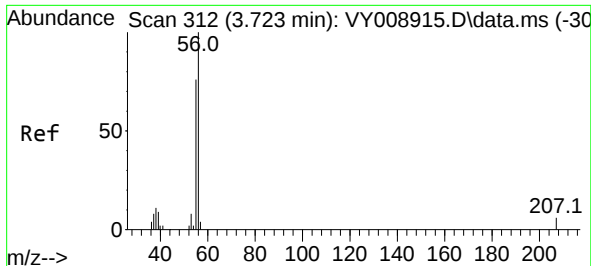
Ion Ratio Lower Upper

96 100

61 157.4 145.8 218.6

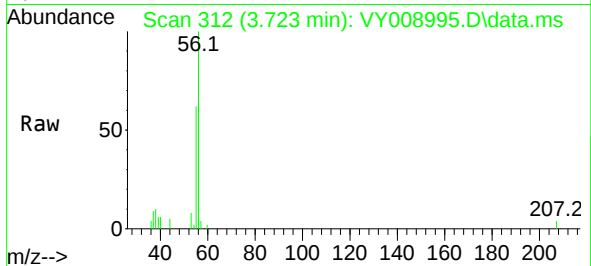
98 65.0 52.5 78.7



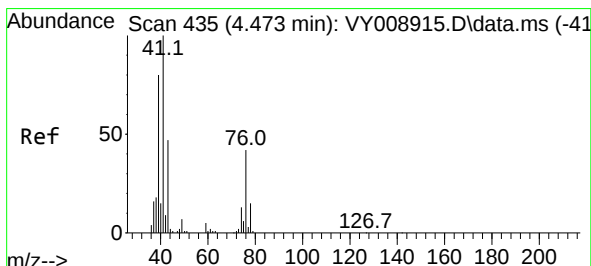
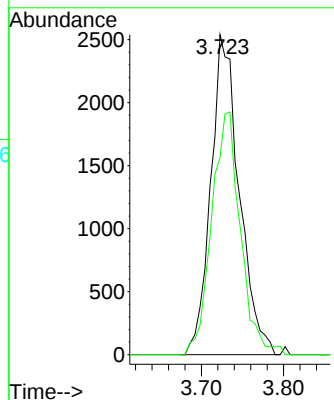
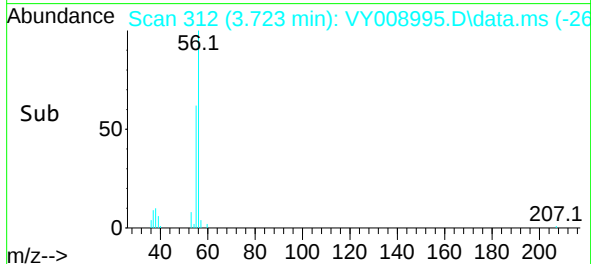


#13
Acrolein
Concen: 140.982 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

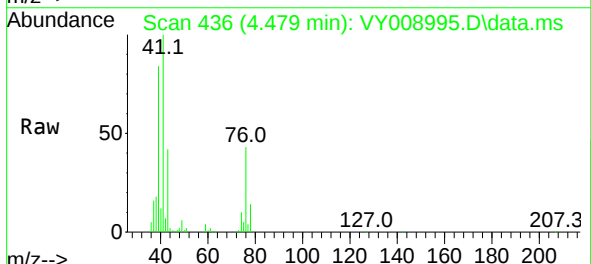
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



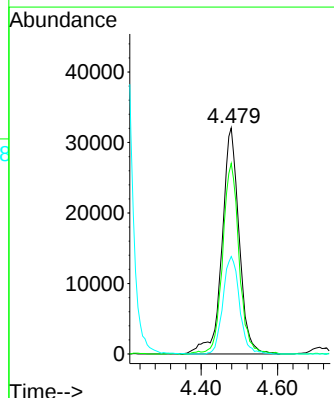
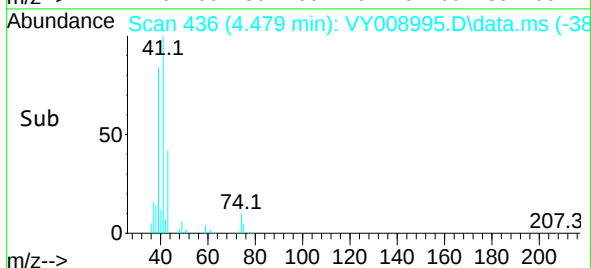
Tgt Ion: 56 Resp: 6101
Ion Ratio Lower Upper
56 100
55 76.5 57.6 86.4

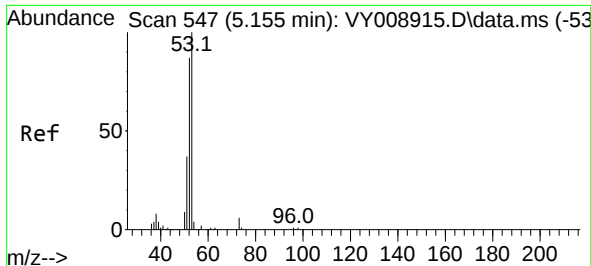


#14
Allyl chloride
Concen: 55.693 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33



Tgt Ion: 41 Resp: 99422
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 41.9 25.1 37.7#

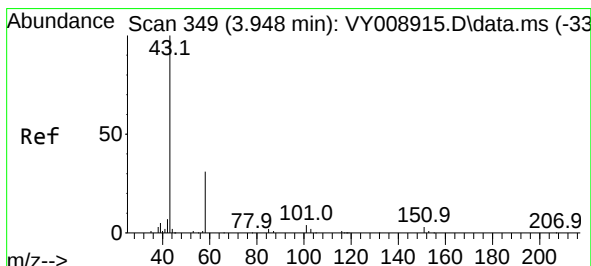
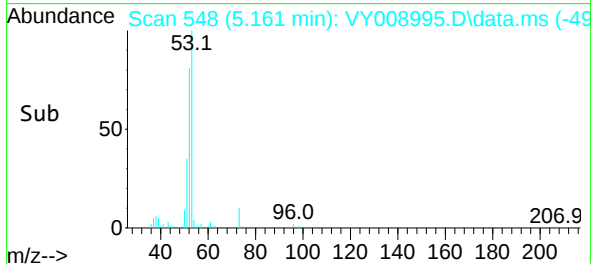
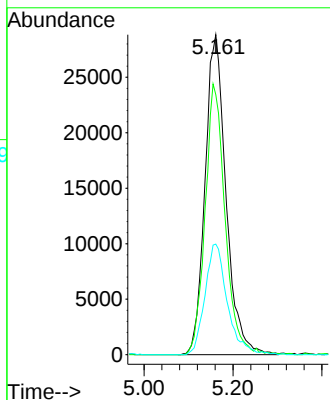
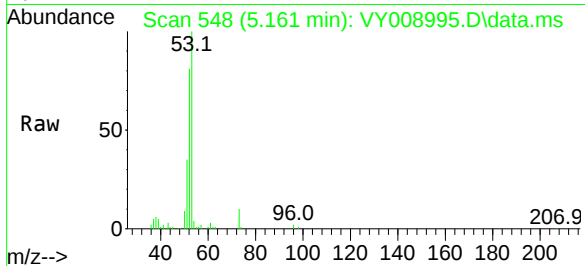




#15
Acrylonitrile
Concen: 260.271 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

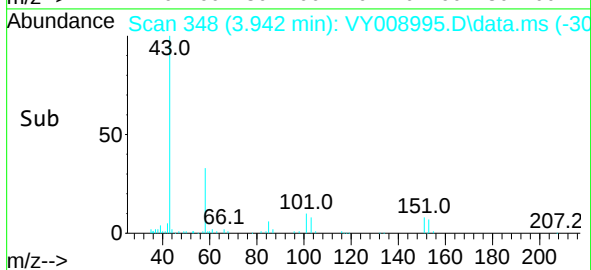
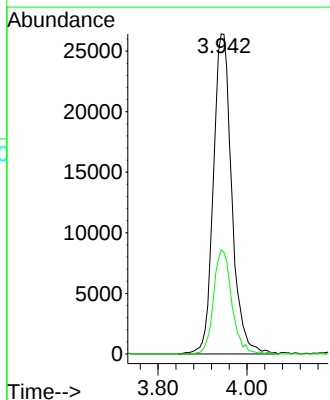
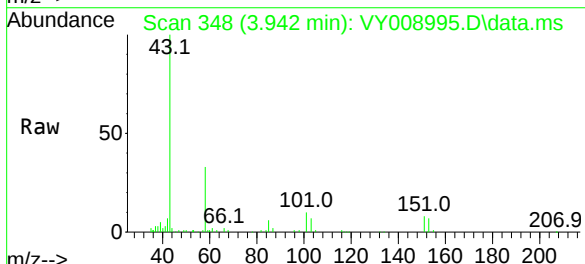
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

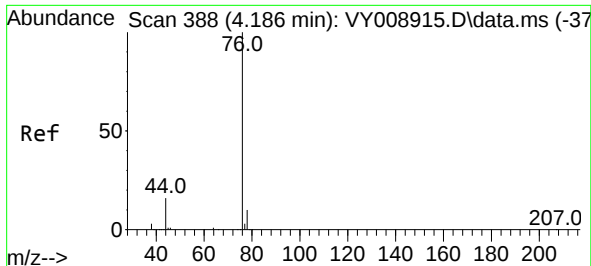
Tgt Ion: 53 Resp: 94607
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 37.0 29.8 44.6



#16
Acetone
Concen: 280.819 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 43 Resp: 75766
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

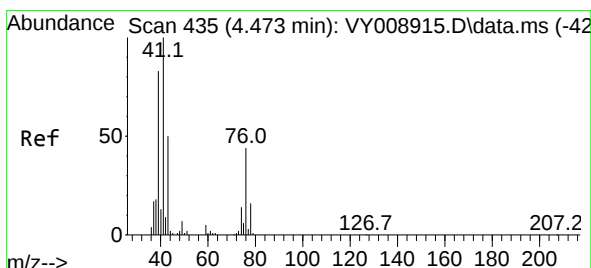
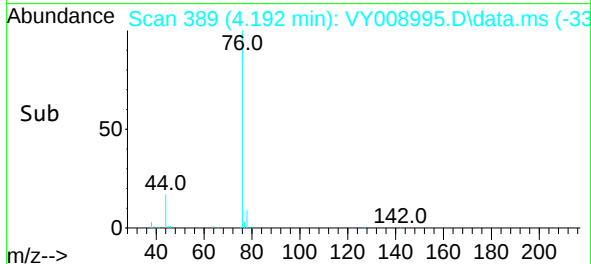
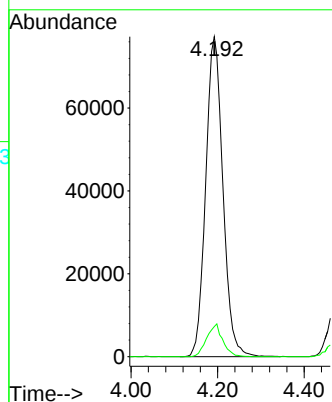
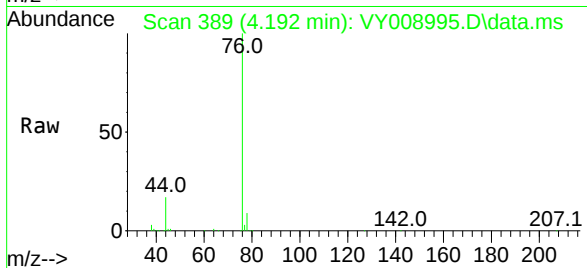




#17
Carbon Disulfide
Concen: 55.028 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

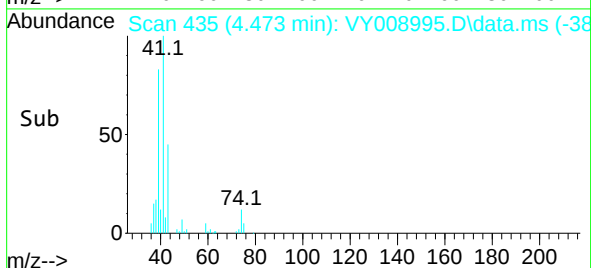
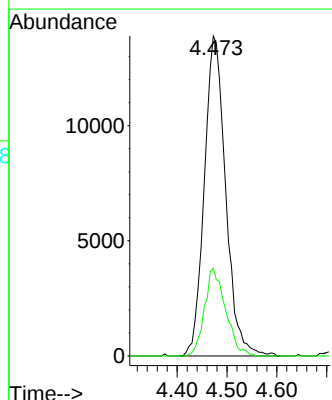
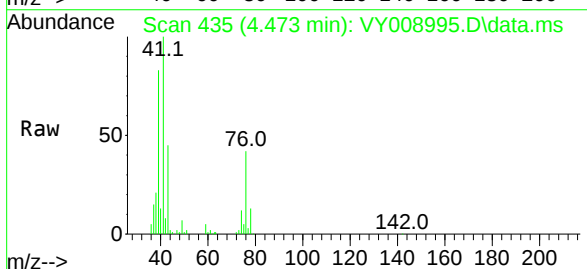
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 212957
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 49.229 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 43 Resp: 41360
Ion Ratio Lower Upper
43 100
74 27.0 16.6 24.8#

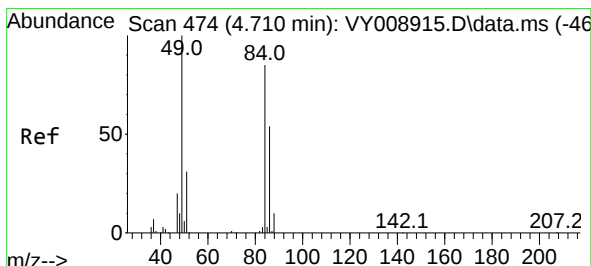
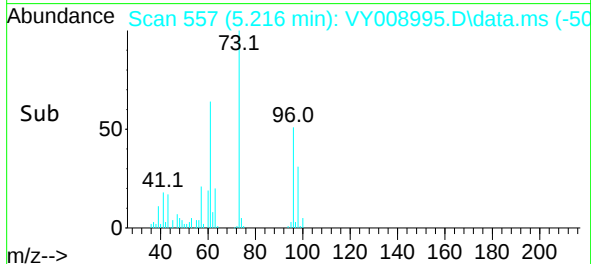
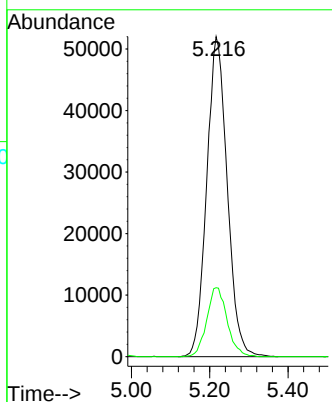
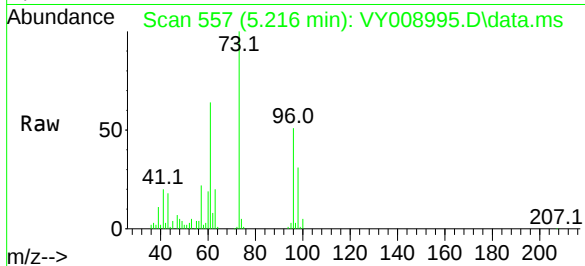




#19
Methyl tert-butyl Ether
Concen: 53.040 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

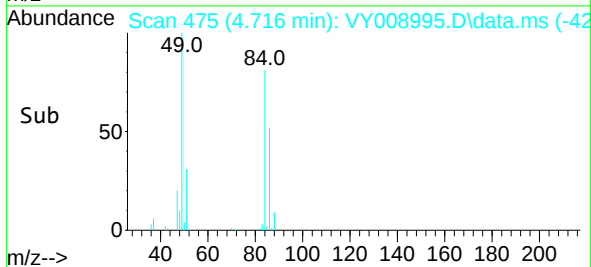
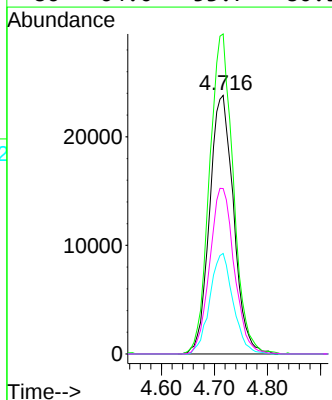
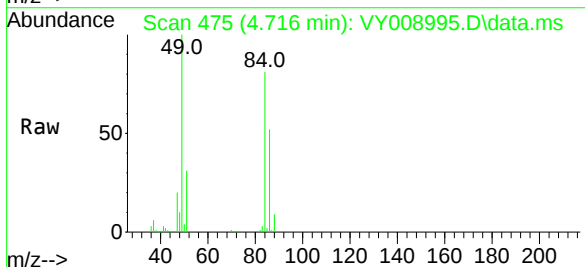
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 188582
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 49.650 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 84 Resp: 74922
Ion Ratio Lower Upper
84 100
49 123.7 114.4 171.6
51 38.9 35.3 52.9
86 64.0 53.7 80.5

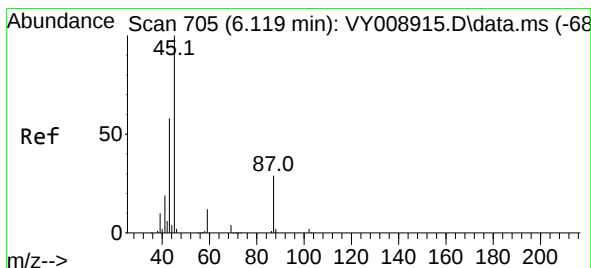
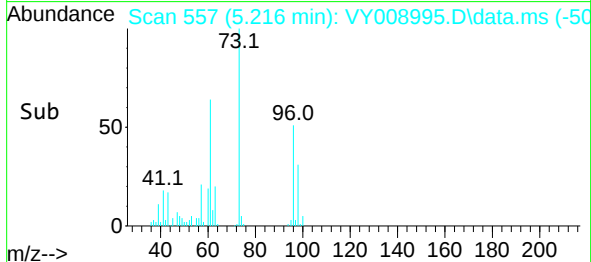
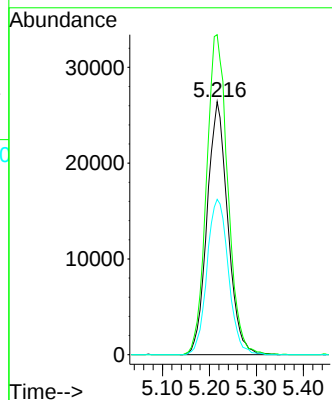
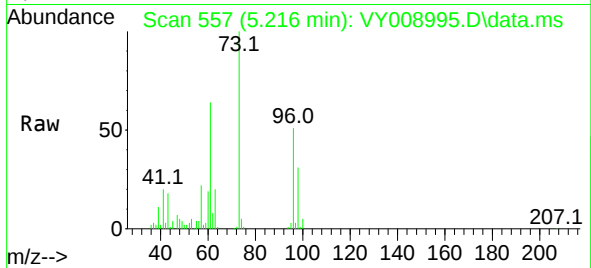




#21
trans-1,2-Dichloroethene
Concen: 53.079 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

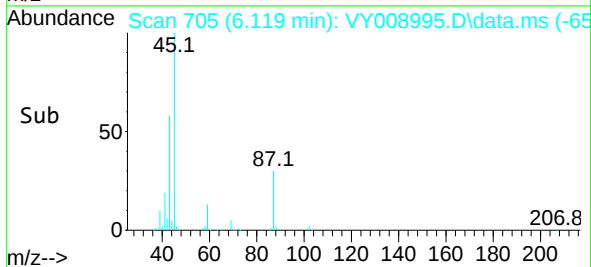
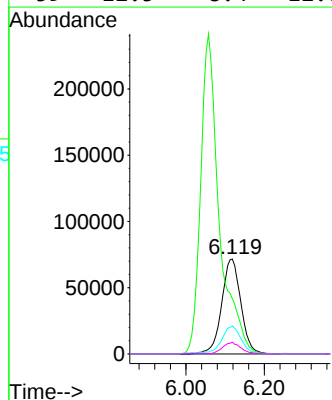
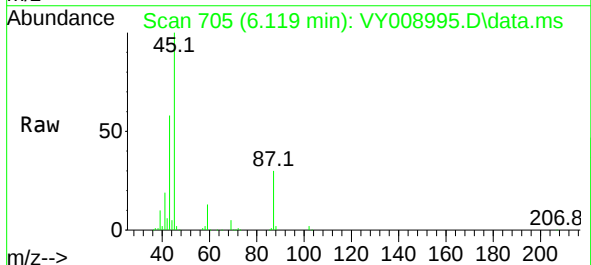
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

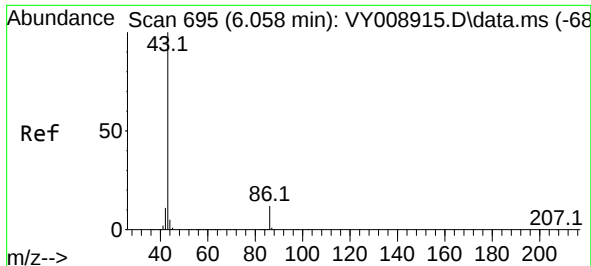
Tgt Ion: 96 Resp: 80702
Ion Ratio Lower Upper
96 100
61 126.5 120.5 180.7
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 56.896 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 45 Resp: 244016
Ion Ratio Lower Upper
45 100
43 58.1 49.3 73.9
87 29.5 19.2 28.8#
59 12.5 8.4 12.6

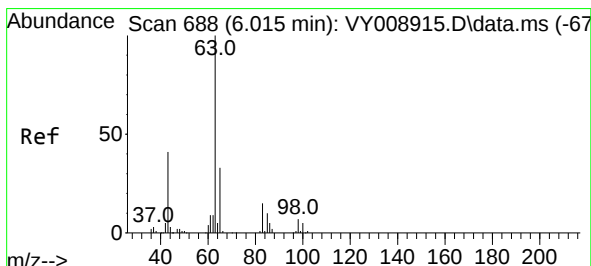
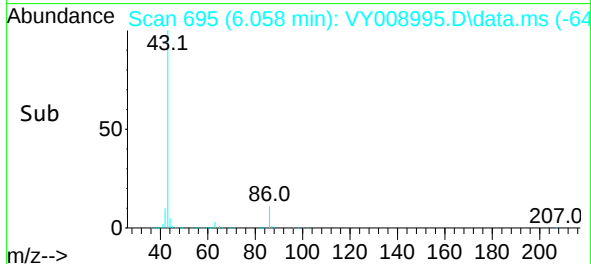
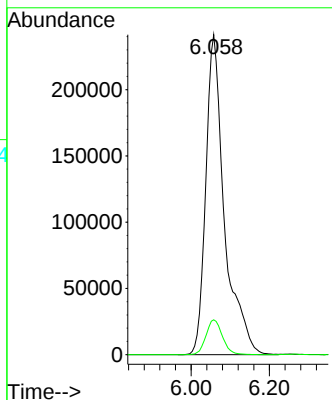
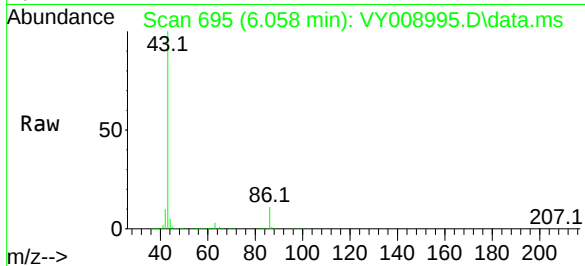




#23
 Vinyl Acetate
 Concen: 280.568 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008995.D
 Acq: 23 May 2022 10:33

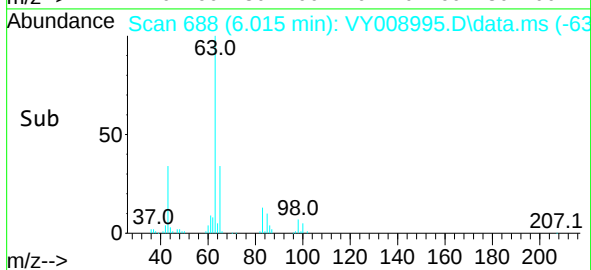
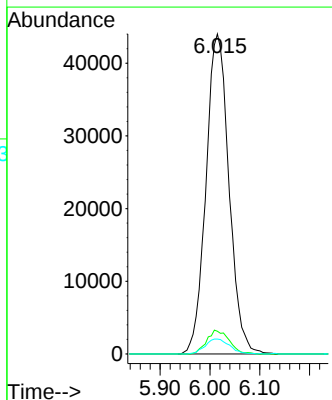
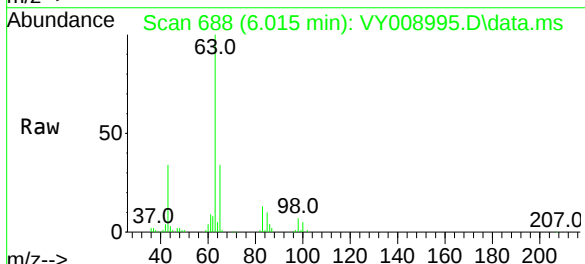
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

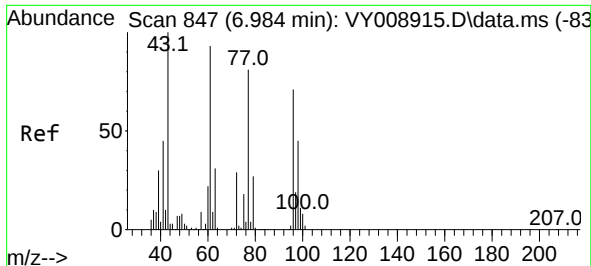
Tgt Ion: 43 Resp: 795959
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.993 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008995.D
 Acq: 23 May 2022 10:33

Tgt Ion: 63 Resp: 141069
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.7 2.0 5.8

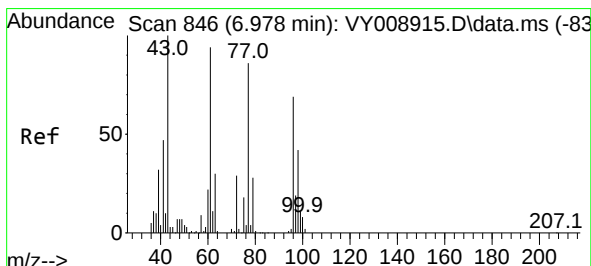
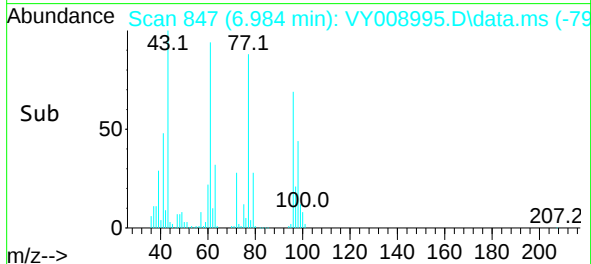
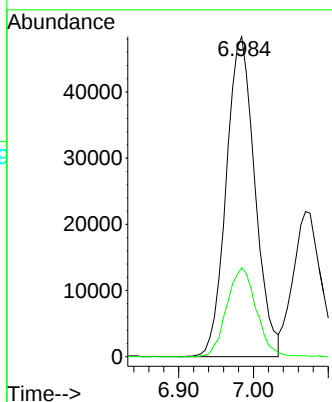
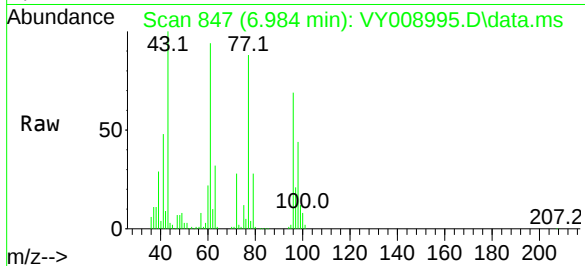




#25
2-Butanone
Concen: 267.791 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

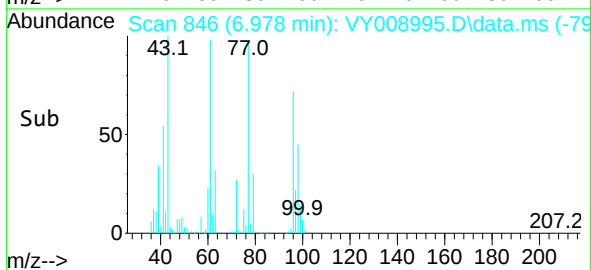
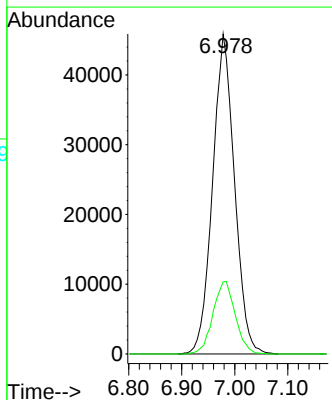
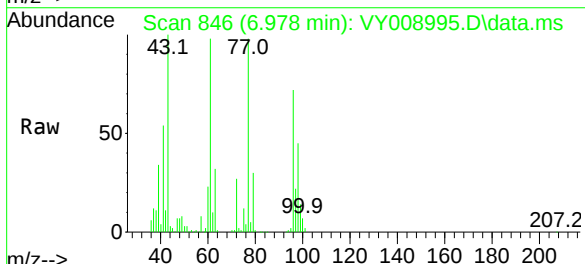
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

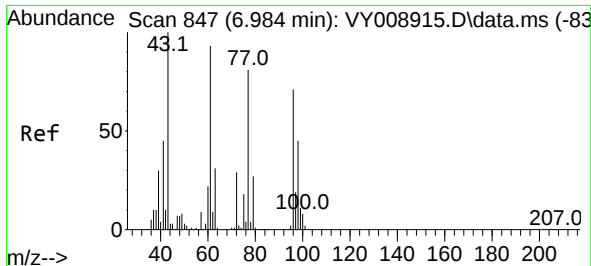
Tgt Ion: 43 Resp: 129048
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 55.640 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 77 Resp: 131477
Ion Ratio Lower Upper
77 100
97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 54.160 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

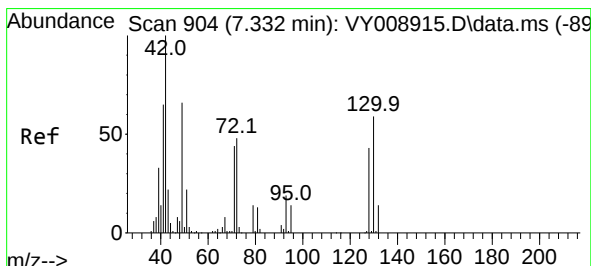
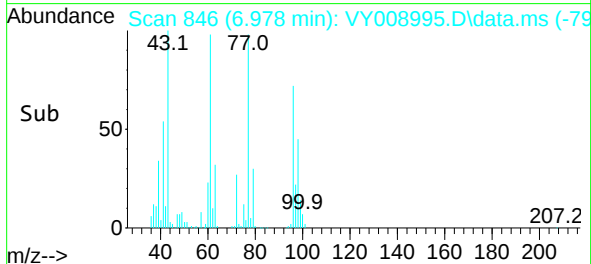
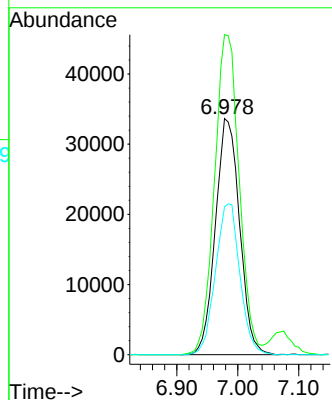
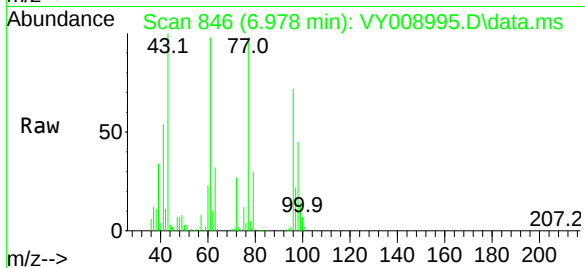
Tgt Ion: 96 Resp: 92827

Ion Ratio Lower Upper

96 100

61 138.5 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 51.513 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

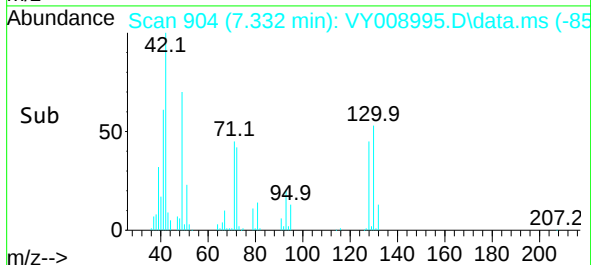
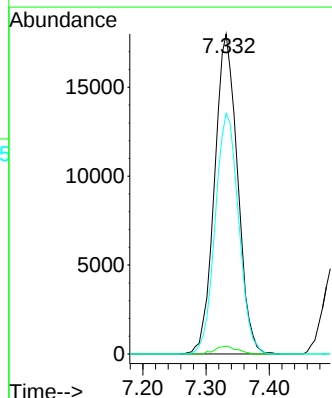
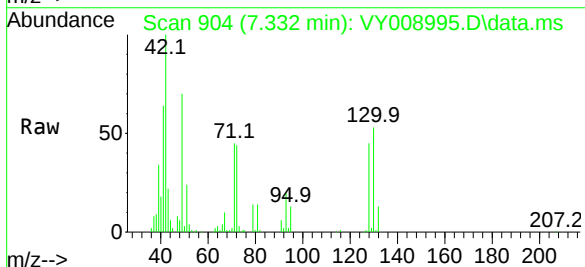
Tgt Ion: 49 Resp: 45356

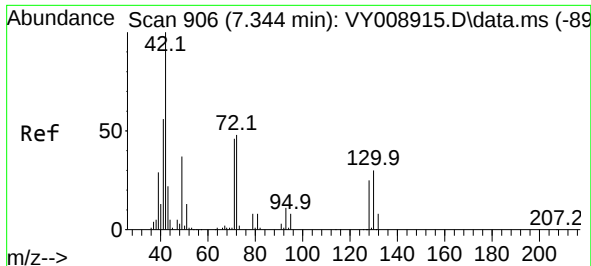
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 76.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 263.295 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

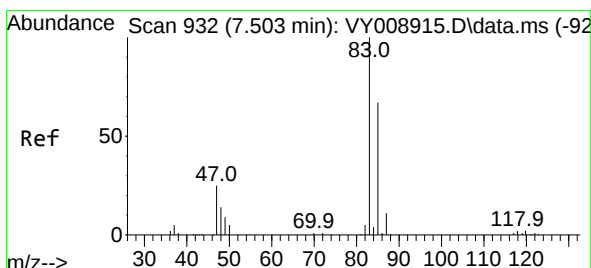
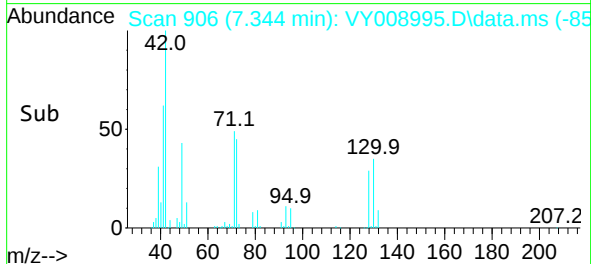
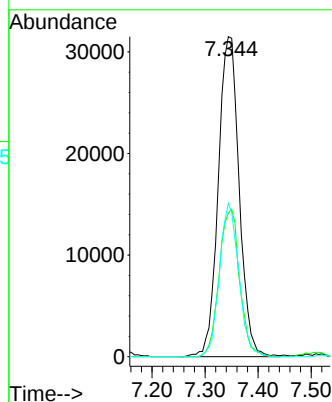
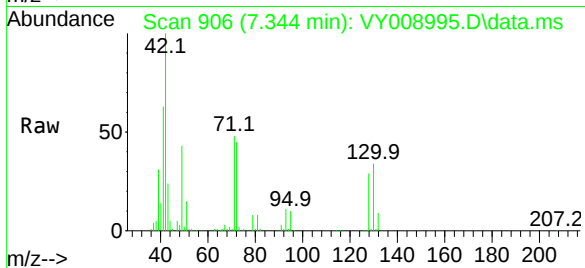
Tgt Ion: 42 Resp: 86188

Ion Ratio Lower Upper

42 100

72 45.2 30.3 45.5

71 44.4 29.0 43.4#



#30

Chloroform

Concen: 54.797 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY008995.D

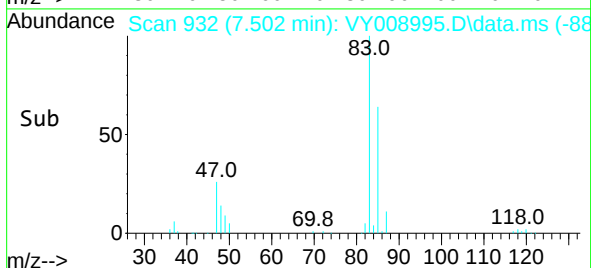
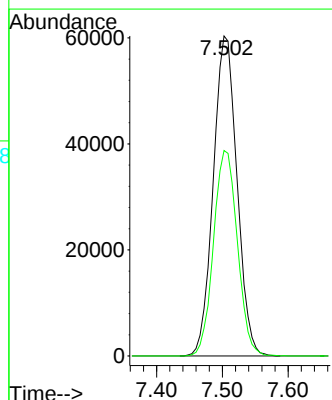
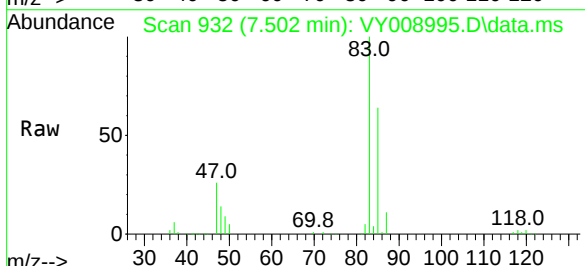
Acq: 23 May 2022 10:33

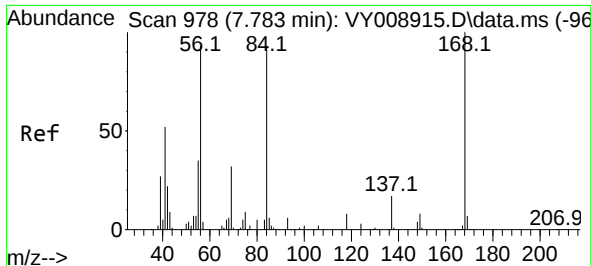
Tgt Ion: 83 Resp: 151734

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

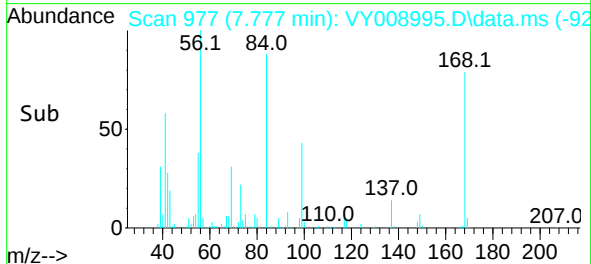
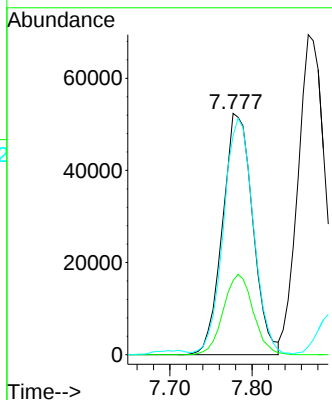
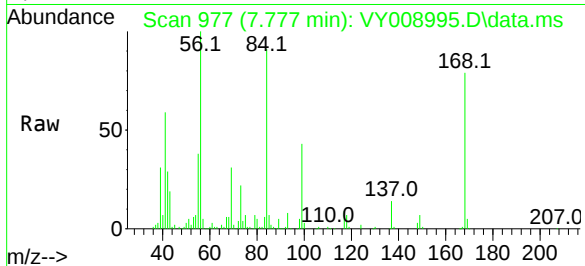




#31
Cyclohexane
Concen: 52.888 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

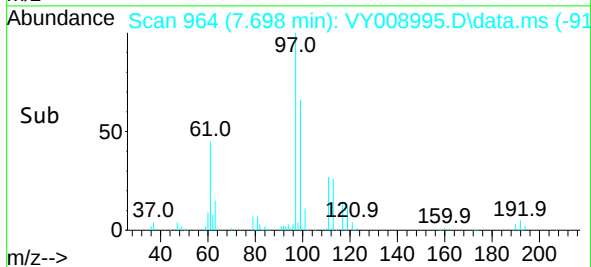
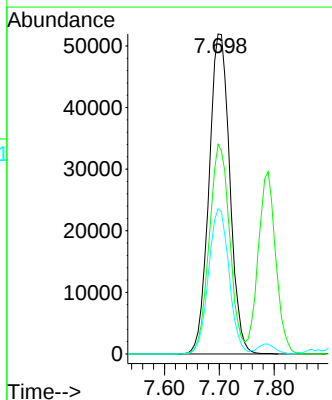
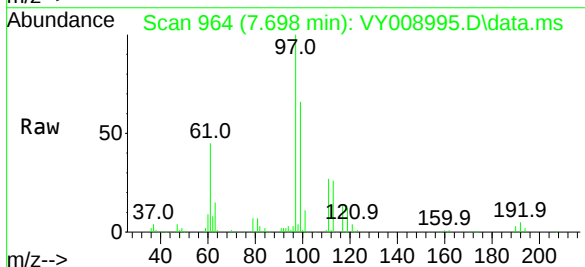
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

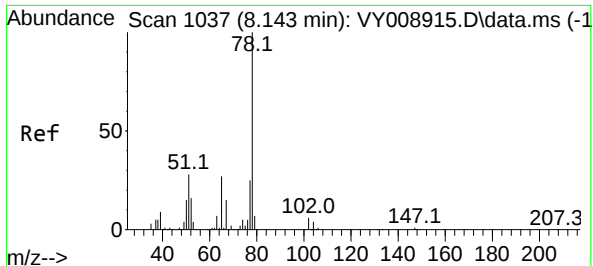
Tgt Ion: 56 Resp: 134107
Ion Ratio Lower Upper
56 100
69 30.7 26.7 40.1
84 89.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 54.268 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 97 Resp: 136331
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 45.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.089 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

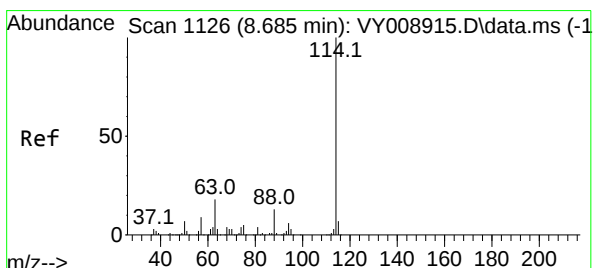
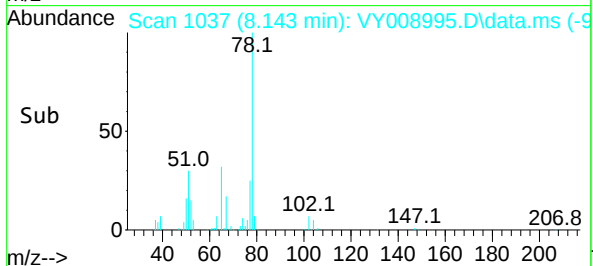
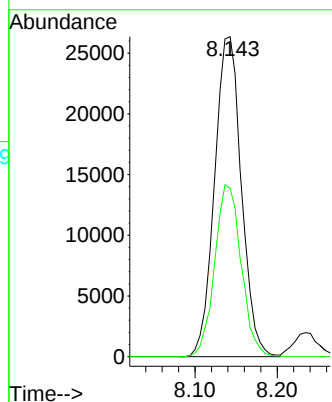
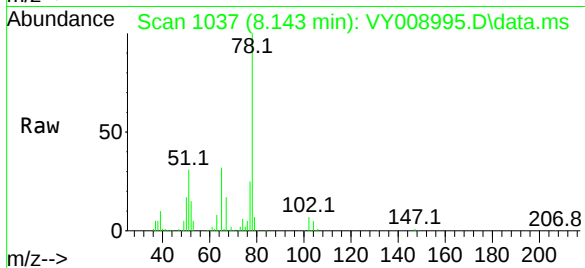
VSTDCCC050

Tgt Ion: 65 Resp: 59738

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

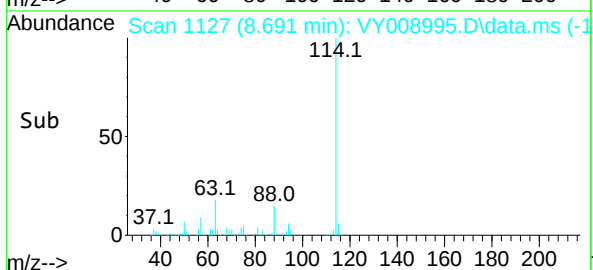
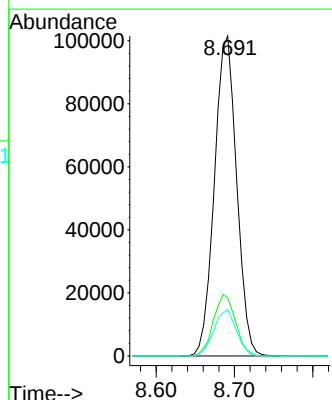
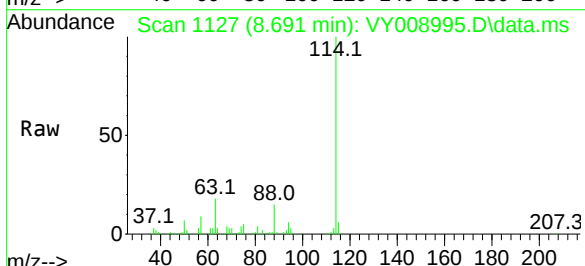
Tgt Ion: 114 Resp: 200038

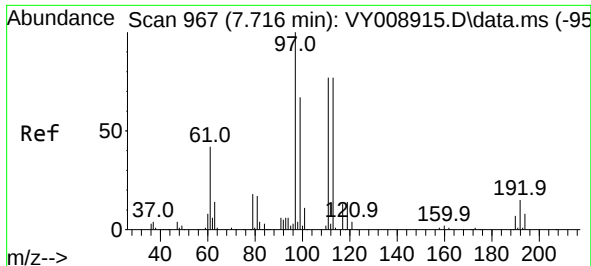
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.5 0.0 31.8

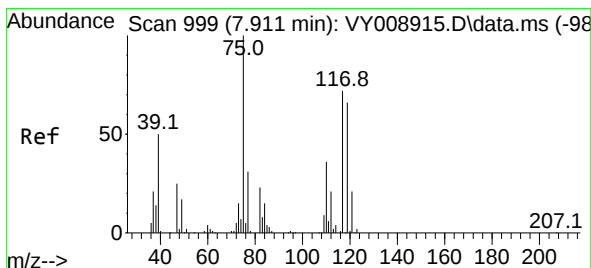
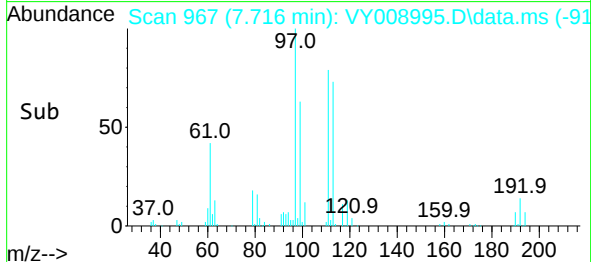
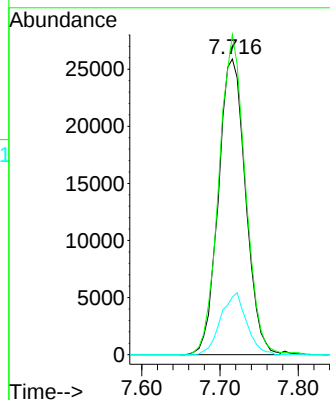
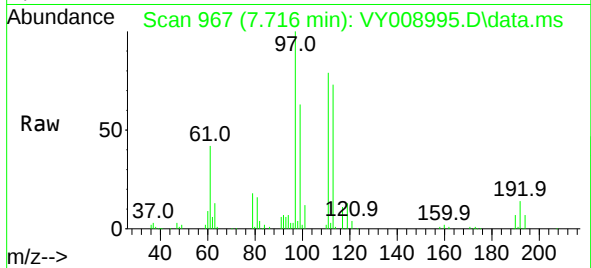




#35
Dibromofluoromethane
Concen: 50.251 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

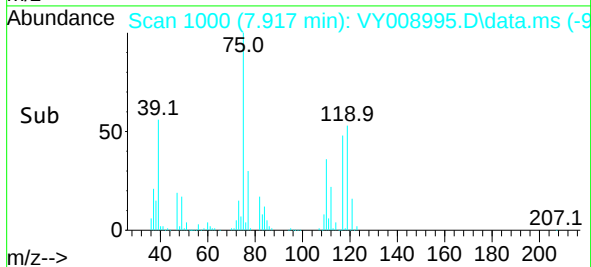
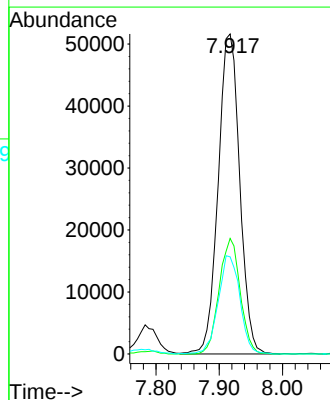
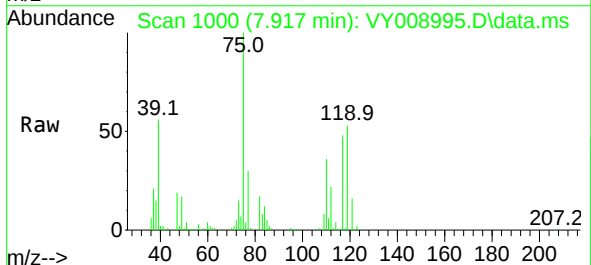
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

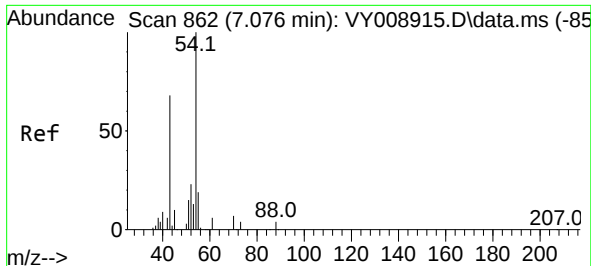
Tgt Ion:113 Resp: 62508
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 57.565 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 75 Resp: 121859
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 31.0 24.4 36.6

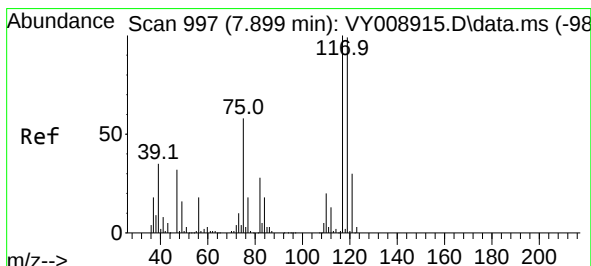
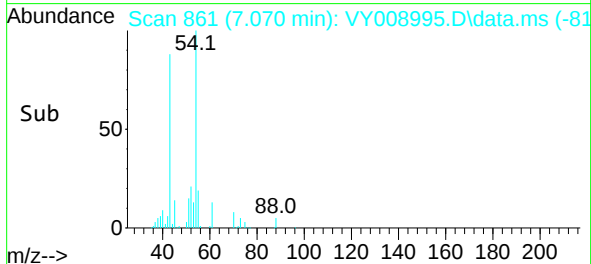
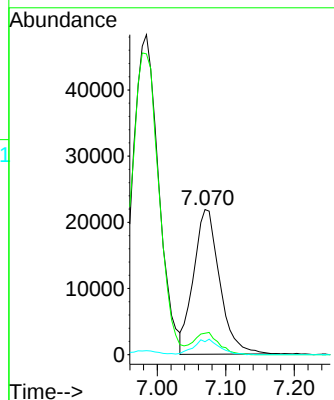
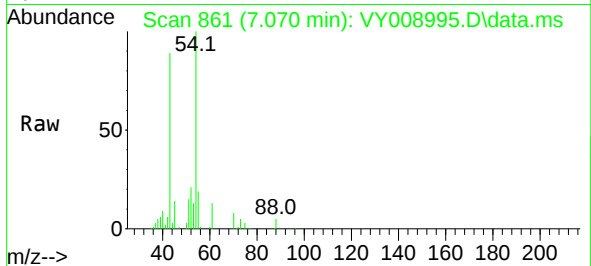




#37
Ethyl Acetate
Concen: 52.881 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

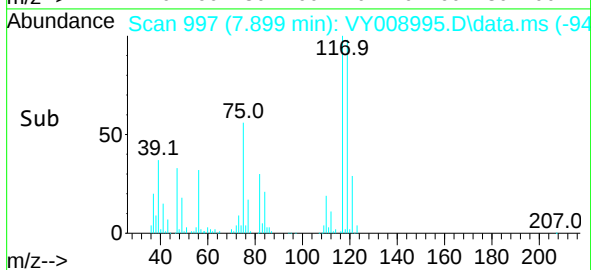
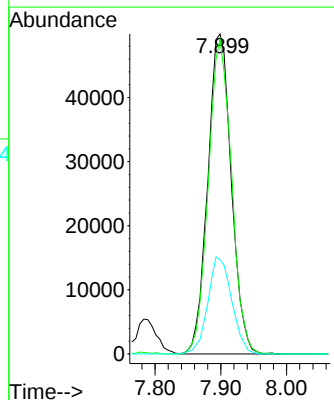
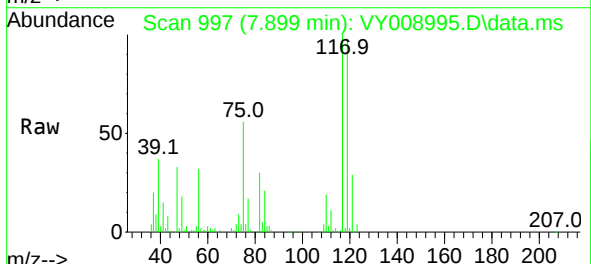
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58069
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5#
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 56.331 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 117 Resp: 124745
Ion Ratio Lower Upper
117 100
119 98.2 77.9 116.9
121 29.4 24.8 37.2





#39

Methylcyclohexane

Concen: 57.206 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

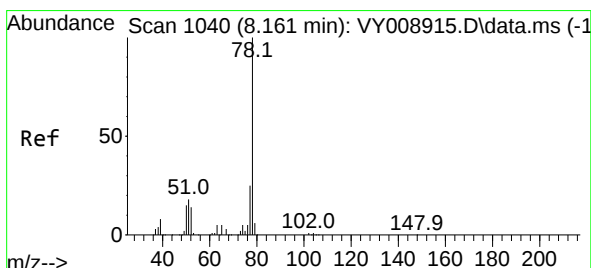
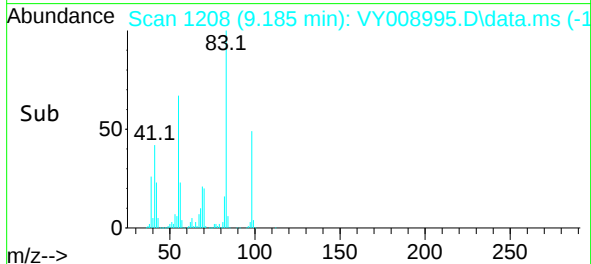
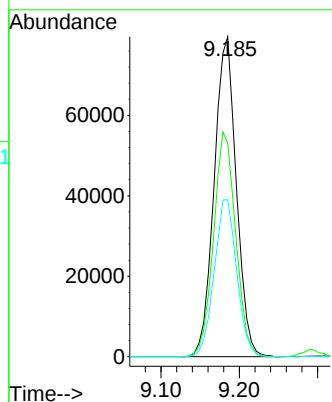
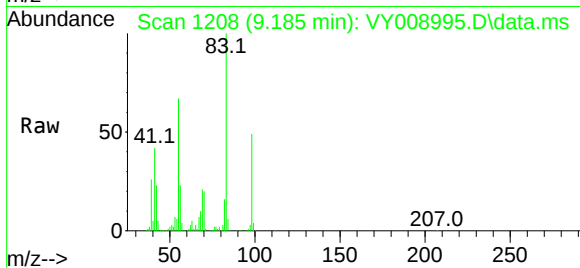
Tgt Ion: 83 Resp: 156313

Ion Ratio Lower Upper

83 100

55 66.8 66.5 99.7

98 49.1 37.9 56.9



#40

Benzene

Concen: 57.106 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008995.D

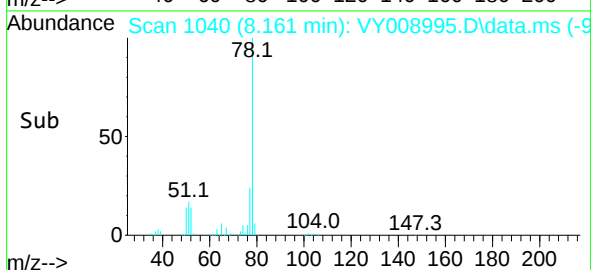
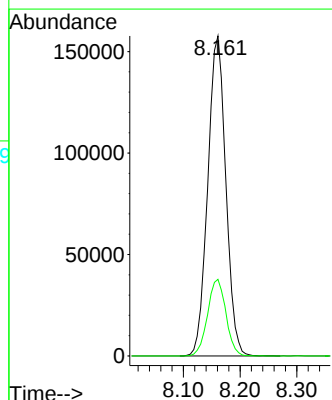
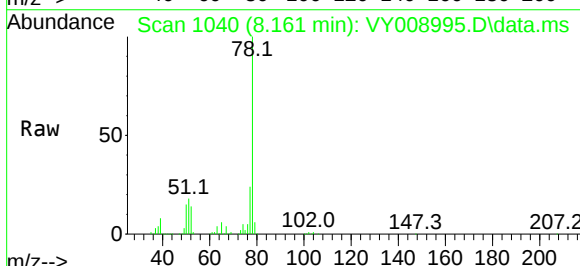
Acq: 23 May 2022 10:33

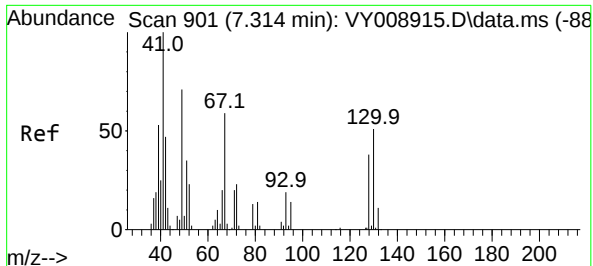
Tgt Ion: 78 Resp: 348592

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

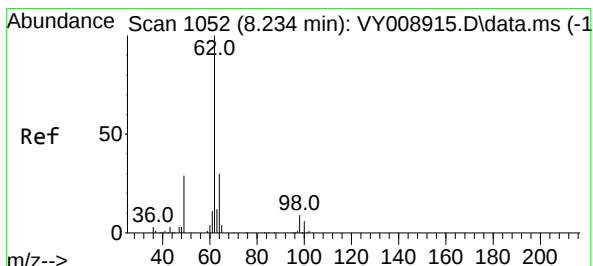
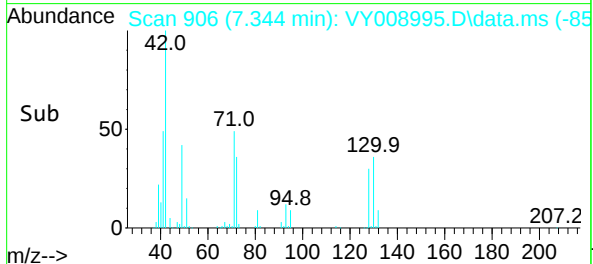
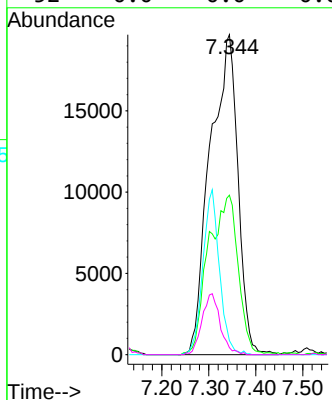
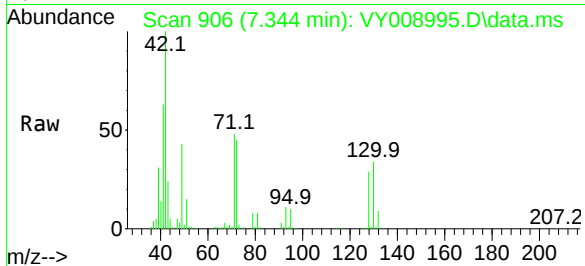




#41
Methacrylonitrile
Concen: 142.647 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

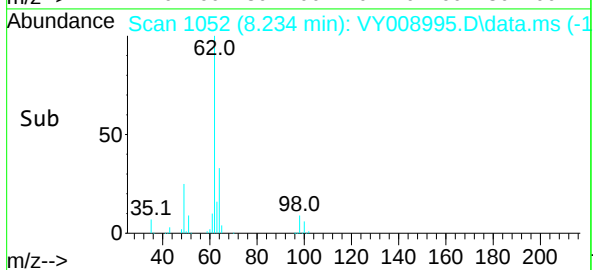
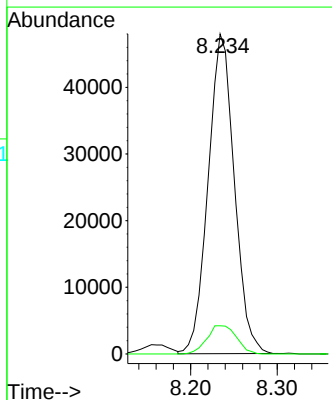
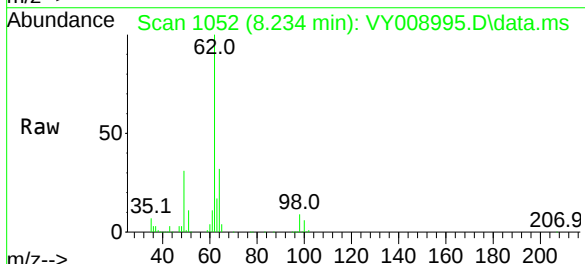
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

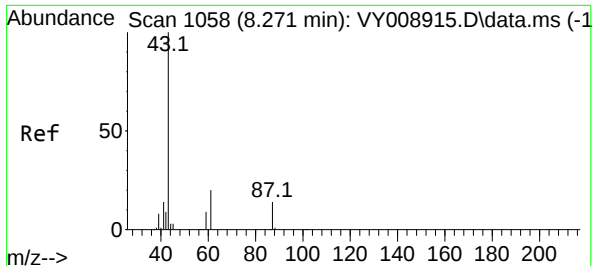
Tgt Ion: 41 Resp: 80831
Ion Ratio Lower Upper
41 100
39 53.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.229 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 62 Resp: 100789
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

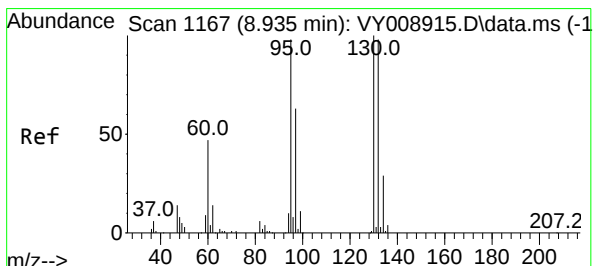
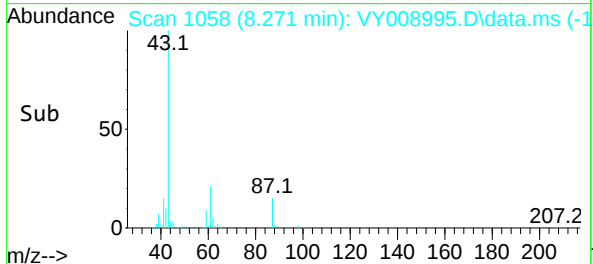
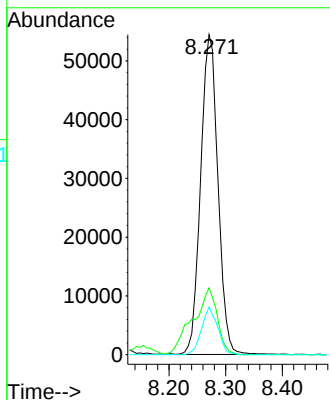
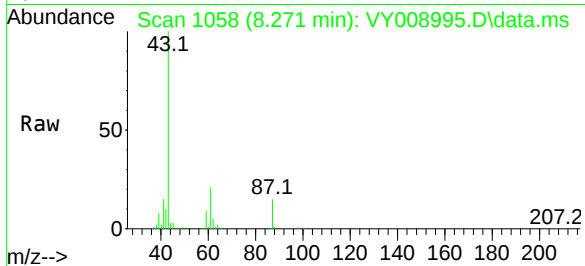




#43
Isopropyl Acetate
Concen: 56.351 ug/l
RT: 8.271 min Scan# 11059
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

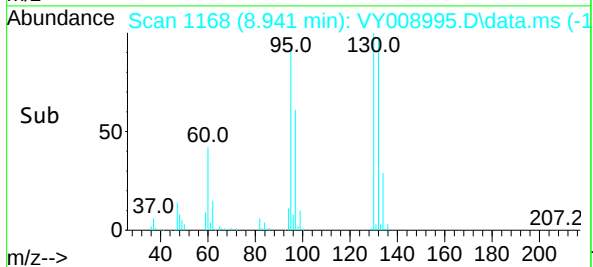
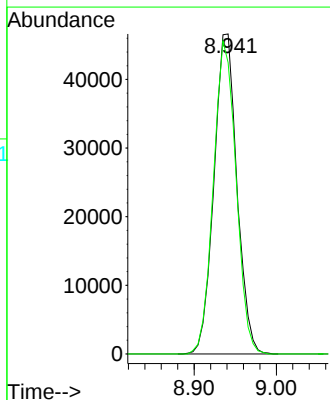
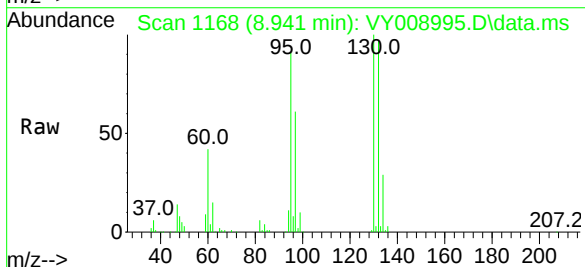
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

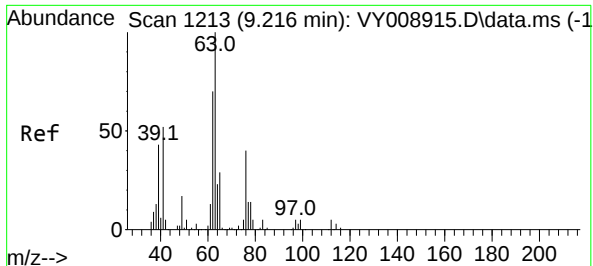
Tgt Ion: 43 Resp: 115059
Ion Ratio Lower Upper
43 100
61 29.5 20.2 30.2
87 14.0 8.9 13.3#



#44
Trichloroethene
Concen: 56.040 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:130 Resp: 90579
Ion Ratio Lower Upper
130 100
95 91.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 58.738 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

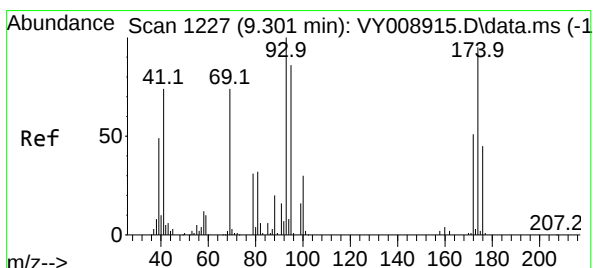
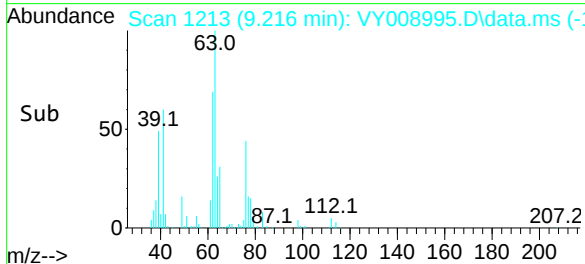
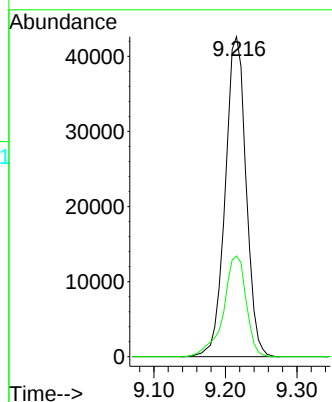
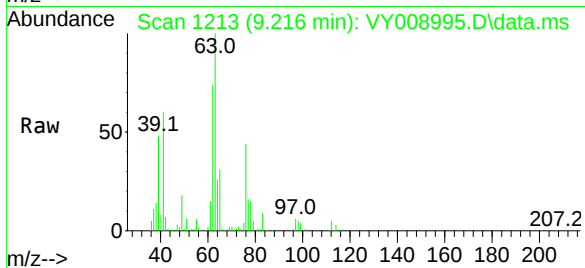
VSTDCCC050

Tgt Ion: 63 Resp: 86095

Ion Ratio Lower Upper

63 100

65 31.5 23.0 34.6



#46

Dibromomethane

Concen: 55.842 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

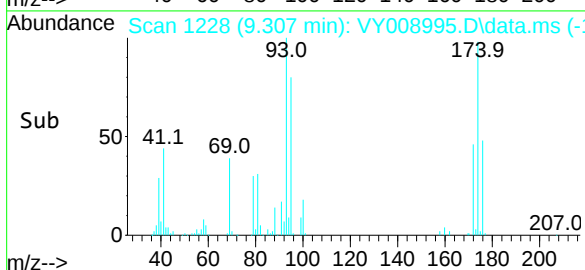
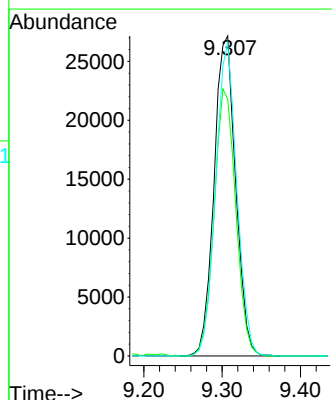
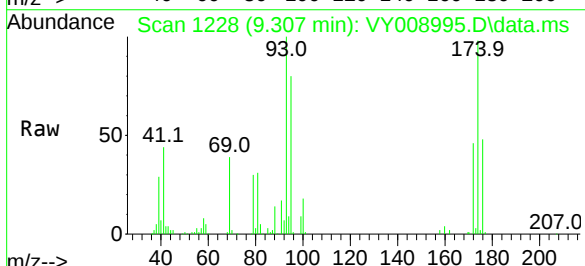
Tgt Ion: 93 Resp: 52045

Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 95.8 83.4 125.0

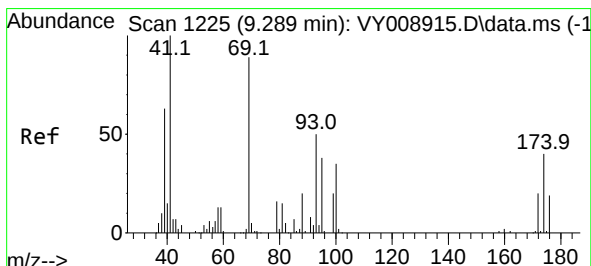
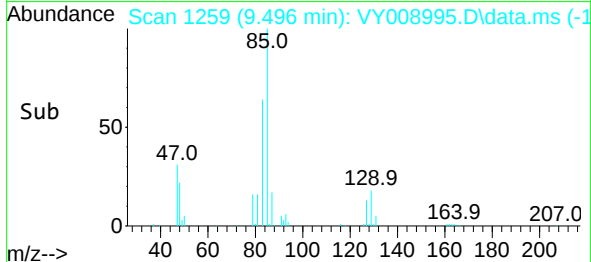
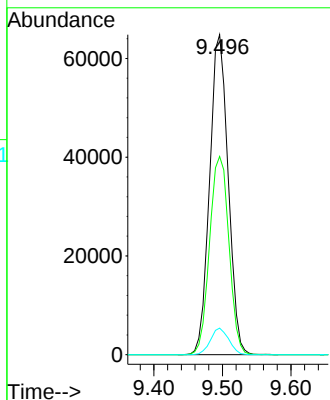
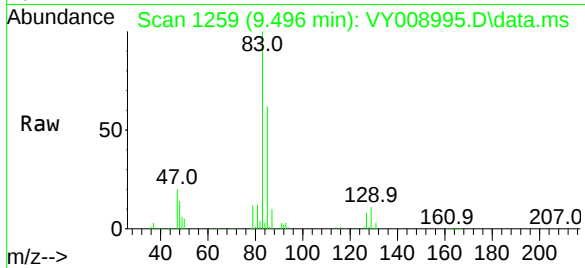




#47
Bromodichloromethane
Concen: 57.039 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

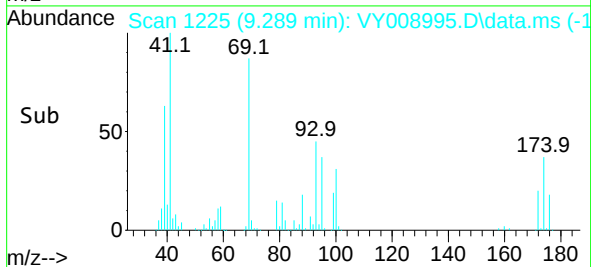
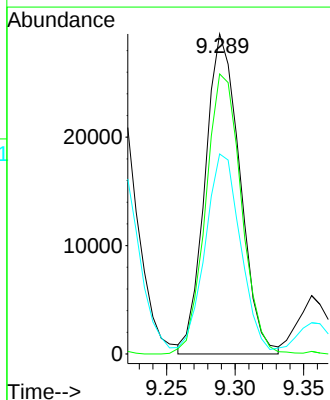
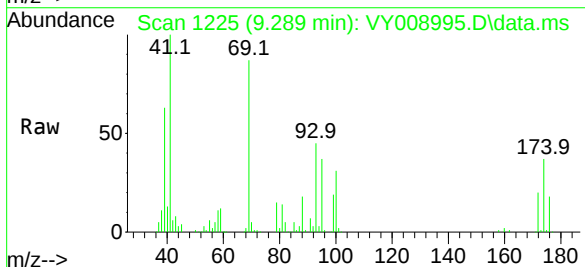
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

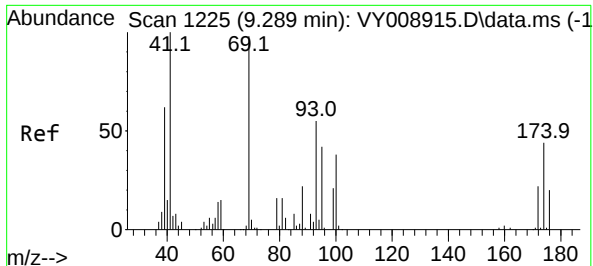
Tgt Ion: 83 Resp: 121494
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 57.212 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 41 Resp: 52162
Ion Ratio Lower Upper
41 100
69 89.4 58.2 87.2#
39 60.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1027.224 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

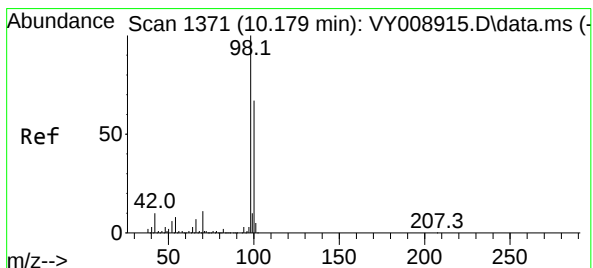
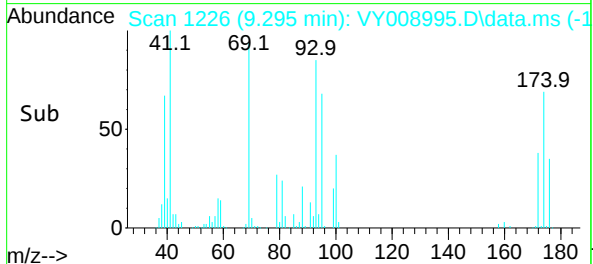
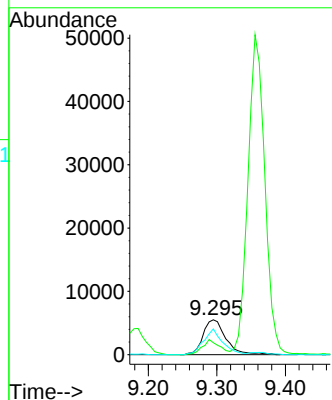
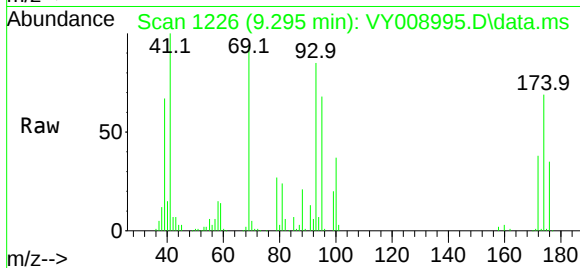
Tgt Ion: 88 Resp: 12798

Ion Ratio Lower Upper

88 100

43 32.9 32.8 49.2

58 62.7 59.8 89.6



#50

Toluene-d8

Concen: 45.819 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008995.D

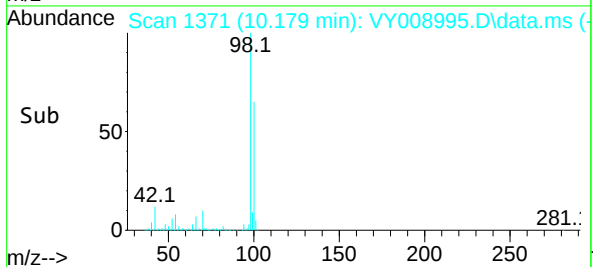
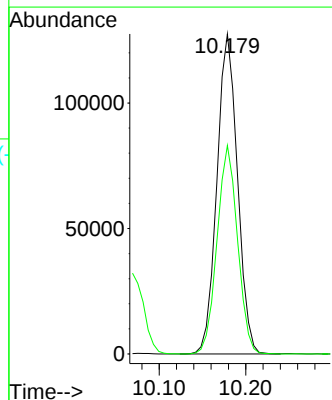
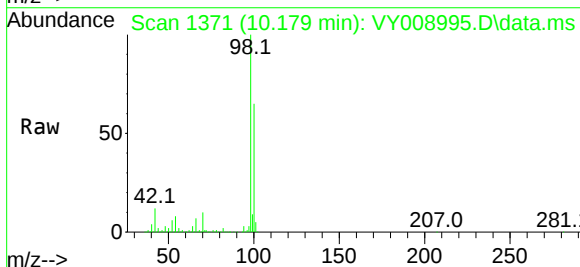
Acq: 23 May 2022 10:33

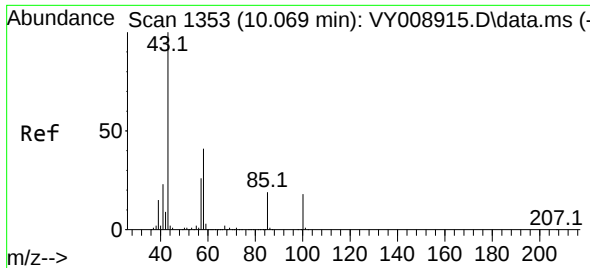
Tgt Ion: 98 Resp: 210264

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

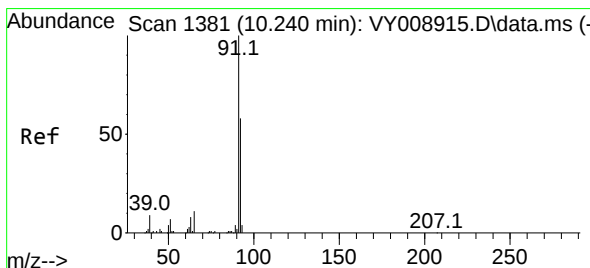
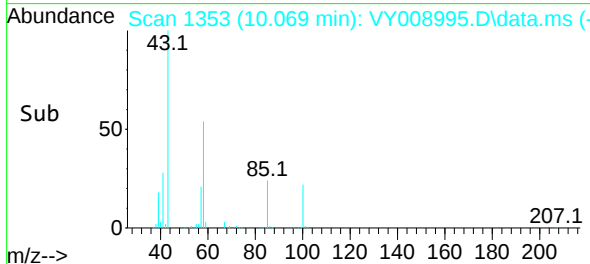
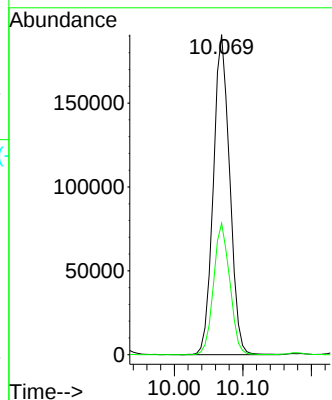
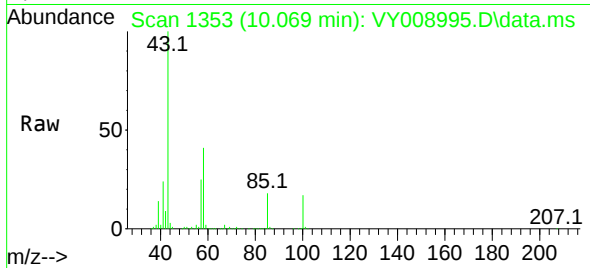




#51
4-Methyl-2-Pentanone
Concen: 279.698 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

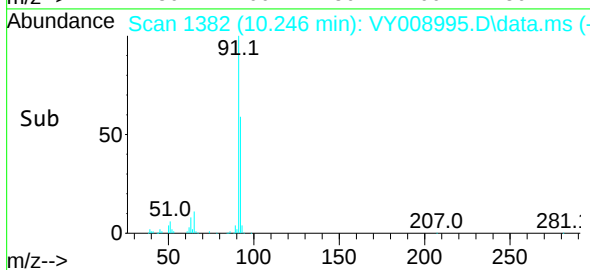
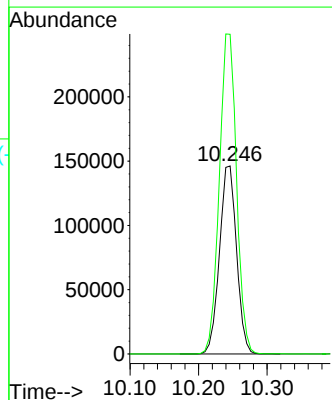
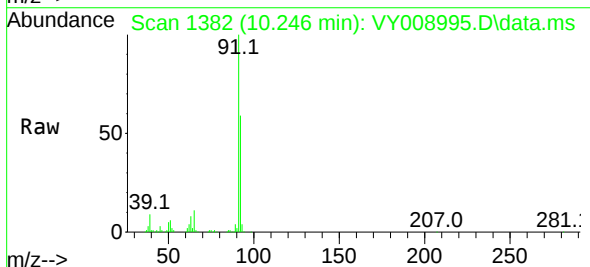
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

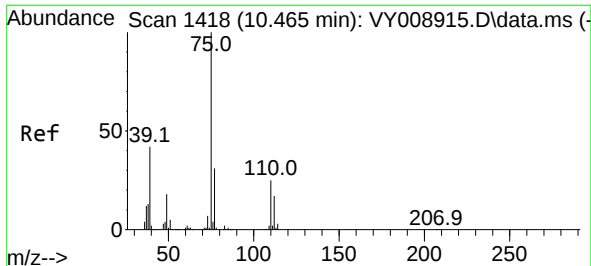
Tgt Ion: 43 Resp: 316061
Ion Ratio Lower Upper
43 100
58 40.6 28.1 42.1



#52
Toluene
Concen: 59.058 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 92 Resp: 251939
Ion Ratio Lower Upper
92 100
91 171.8 142.6 213.8

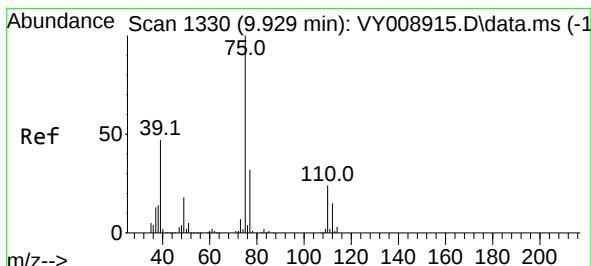
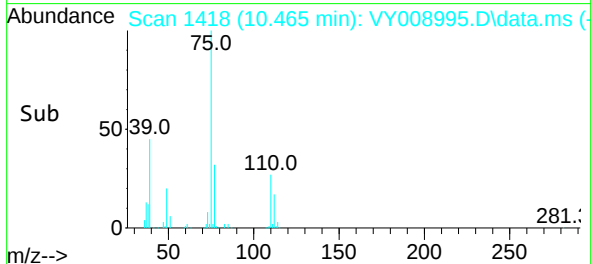
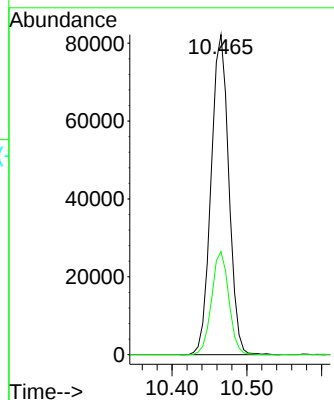
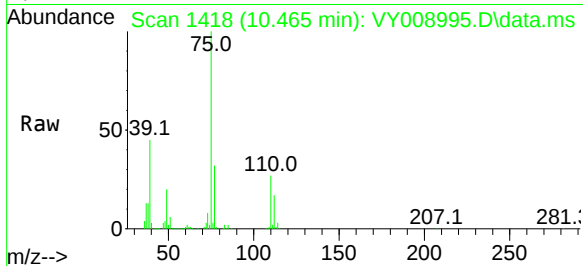




#53
t-1,3-Dichloropropene
Concen: 59.779 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

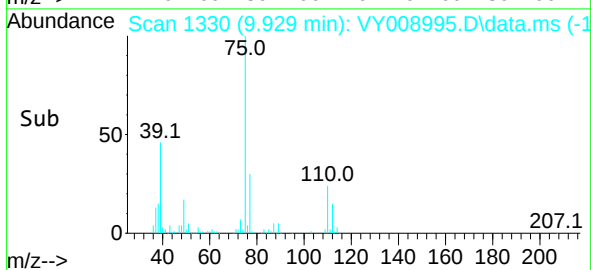
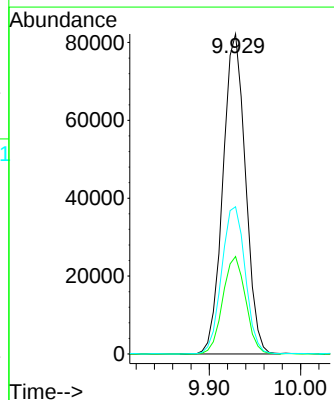
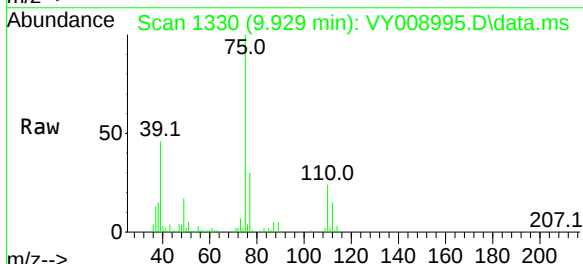
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

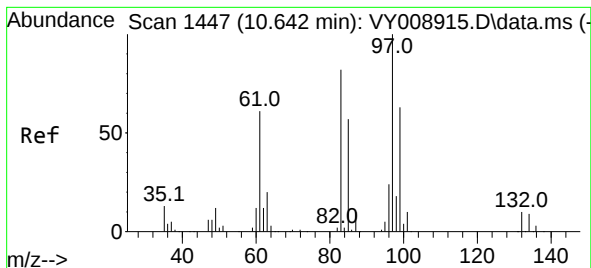
Tgt Ion: 75 Resp: 135216
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.955 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 75 Resp: 140924
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 46.0 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 56.886 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 74175

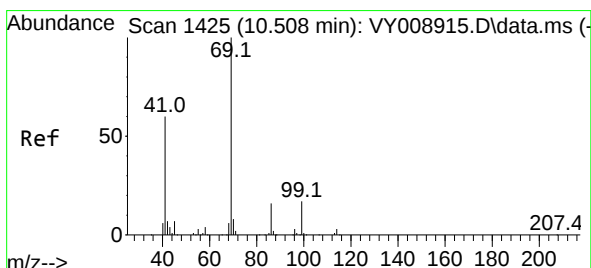
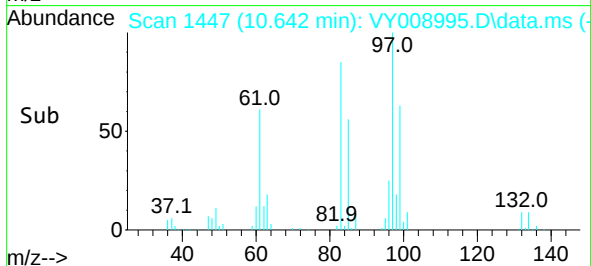
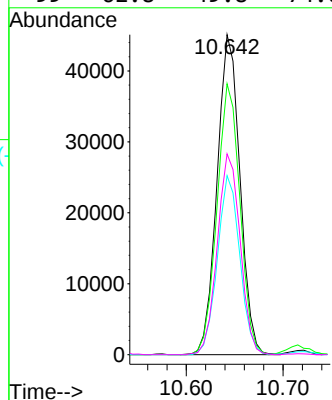
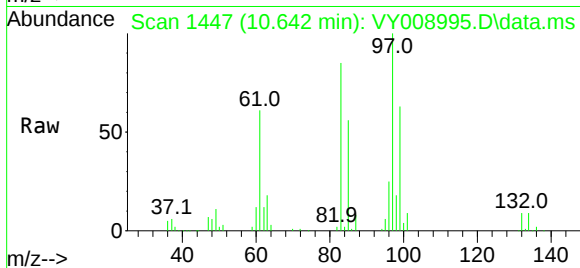
Ion Ratio Lower Upper

97 100

83 84.7 69.8 104.8

85 56.0 44.3 66.5

99 62.8 49.8 74.6



#56

Ethyl methacrylate

Concen: 58.313 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

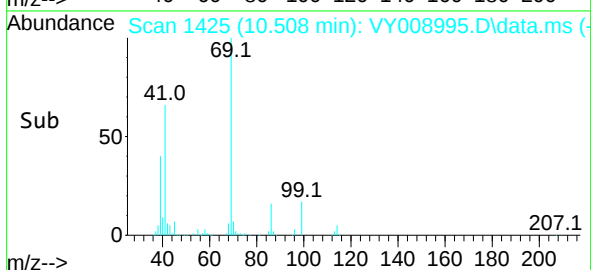
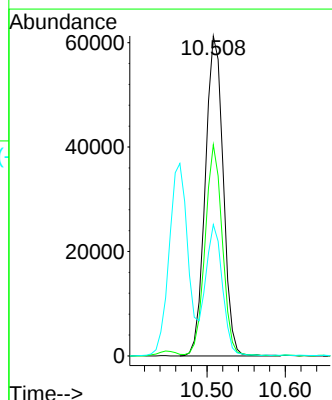
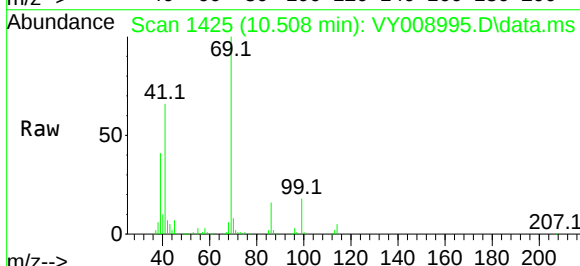
Tgt Ion: 69 Resp: 97212

Ion Ratio Lower Upper

69 100

41 63.3 63.4 95.0#

39 37.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 58.074 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

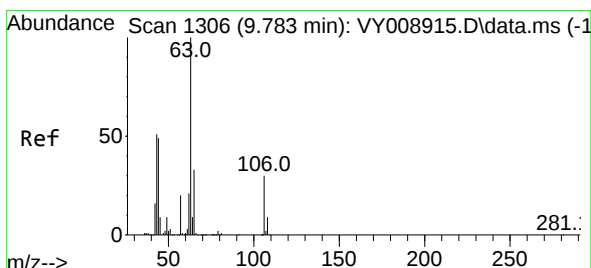
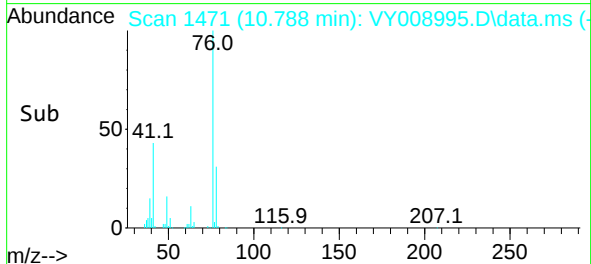
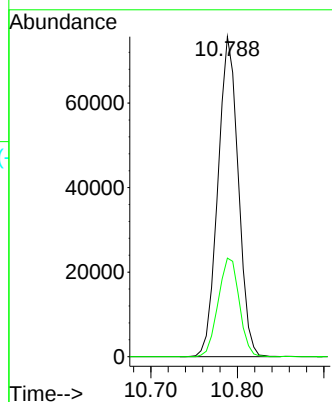
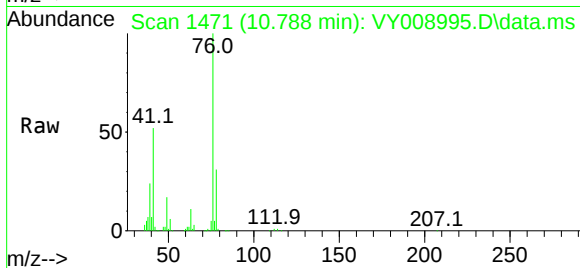
VSTDCCC050

Tgt Ion: 76 Resp: 123525

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 286.450 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008995.D

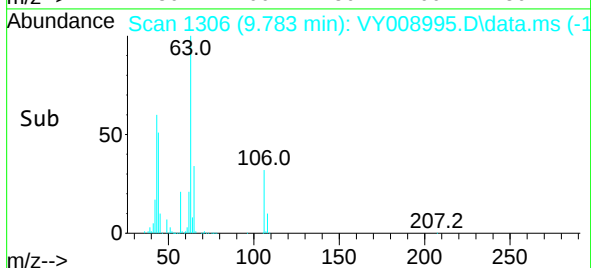
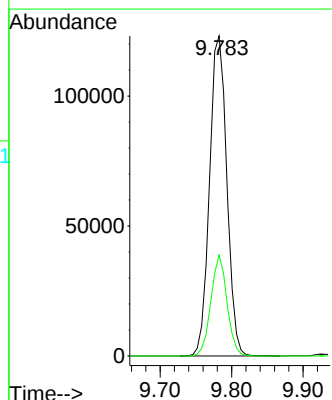
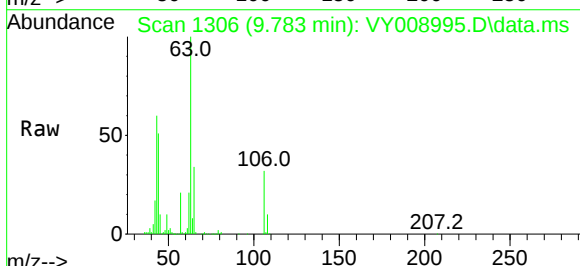
Acq: 23 May 2022 10:33

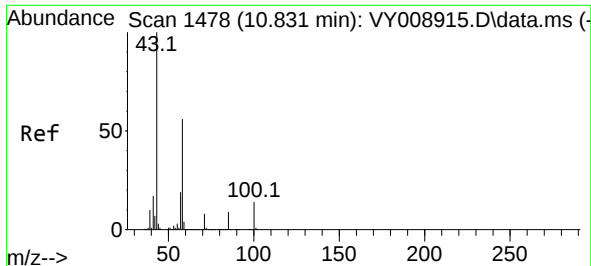
Tgt Ion: 63 Resp: 206593

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

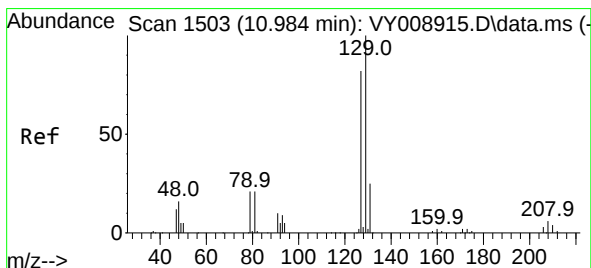
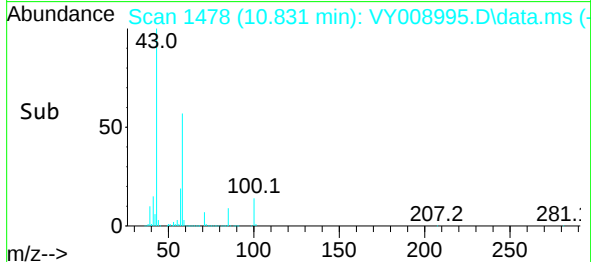
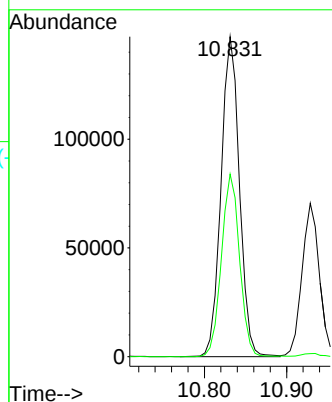
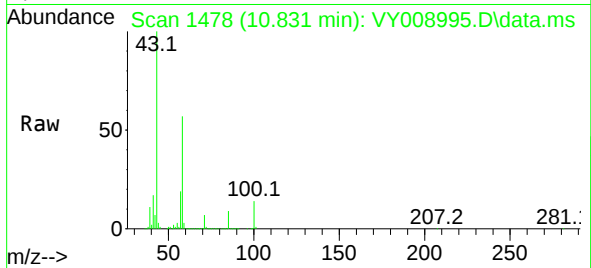




#59
2-Hexanone
Concen: 295.009 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

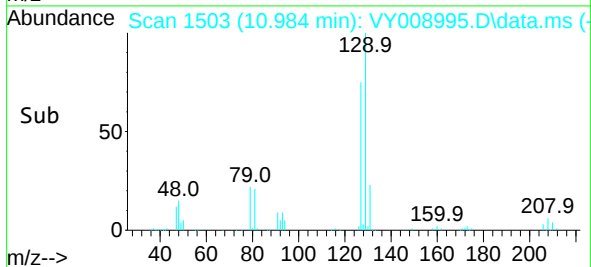
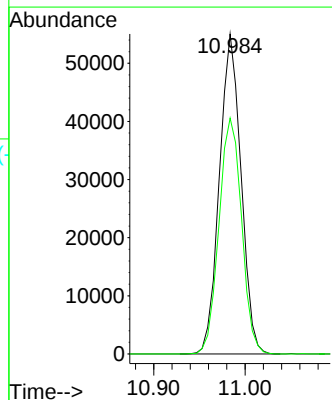
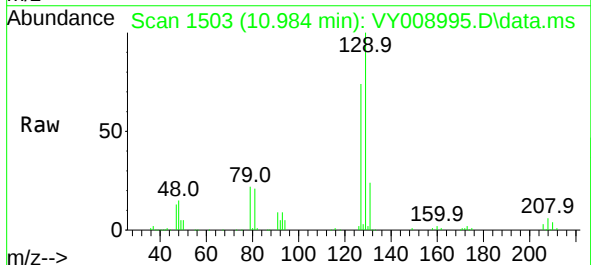
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

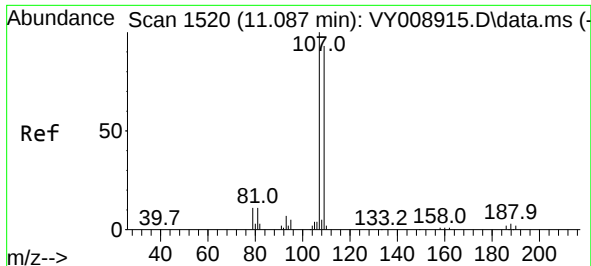
Tgt Ion: 43 Resp: 228244
Ion Ratio Lower Upper
43 100
58 56.4 24.4 73.4



#60
Dibromochloromethane
Concen: 57.312 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:129 Resp: 90589
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

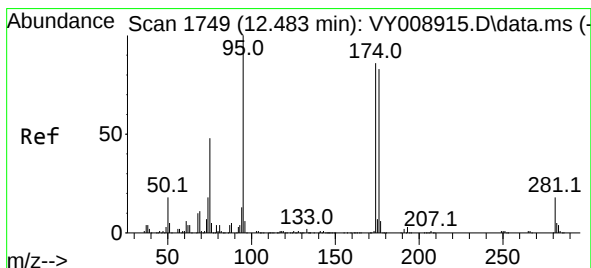
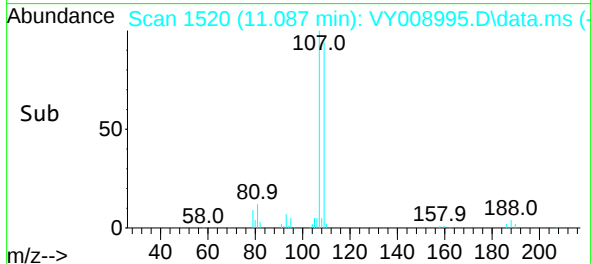
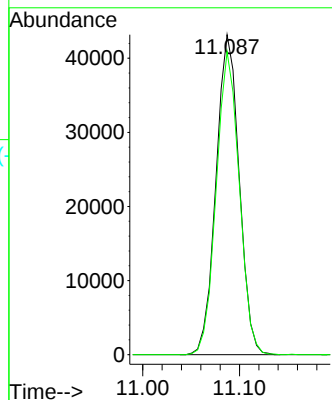
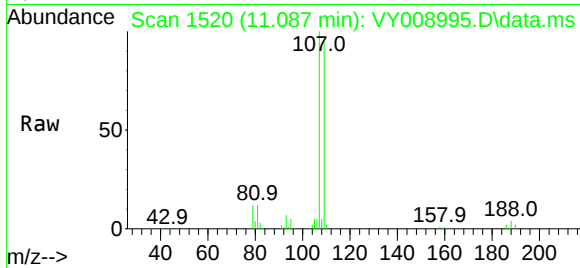




#61
1,2-Dibromoethane
Concen: 55.374 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

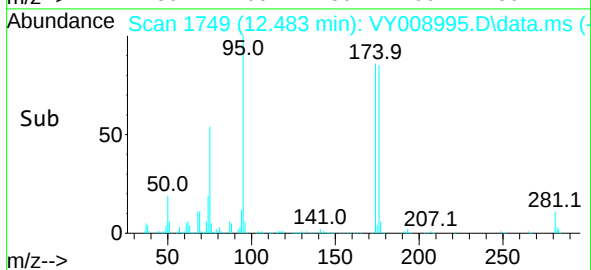
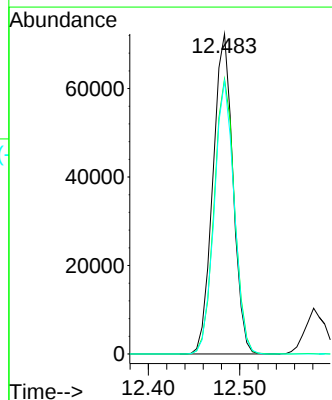
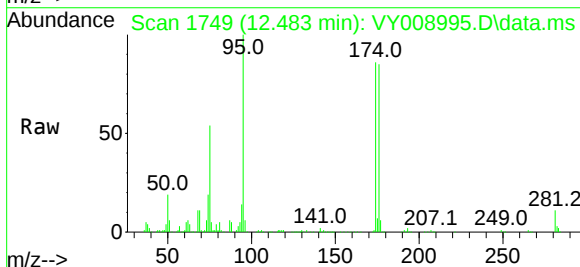
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

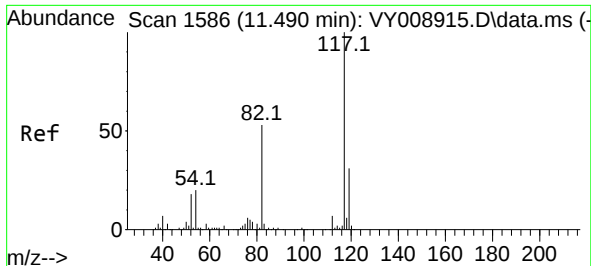
Tgt Ion:107 Resp: 71548
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 59.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 95 Resp: 109958
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 84.9 0.0 175.8

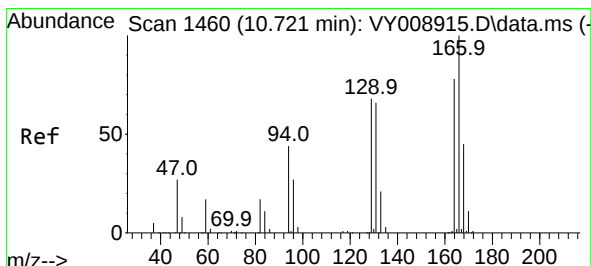
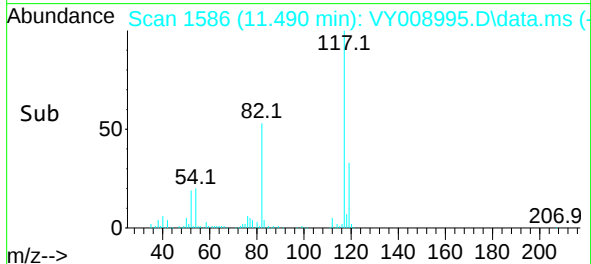
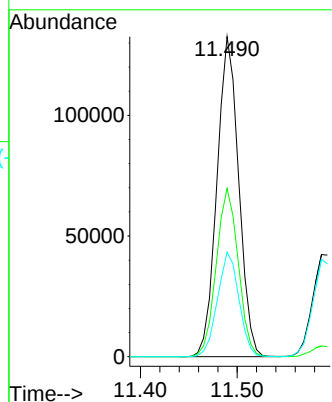
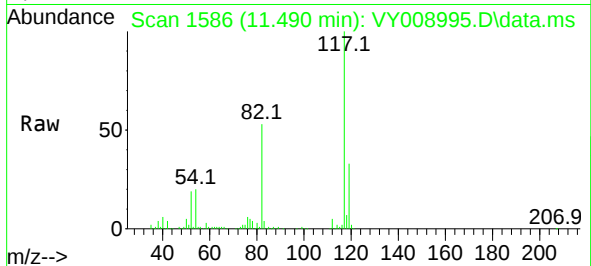




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

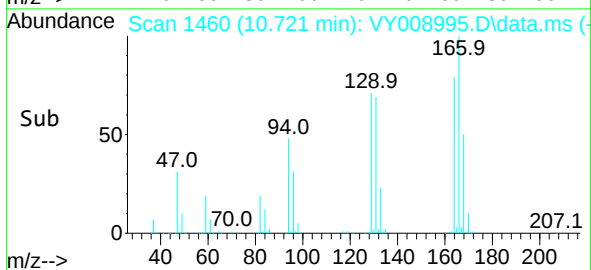
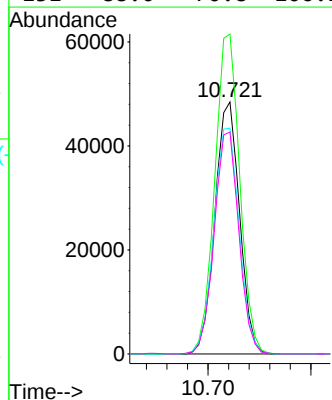
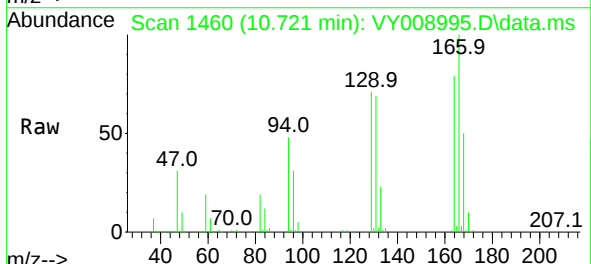
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

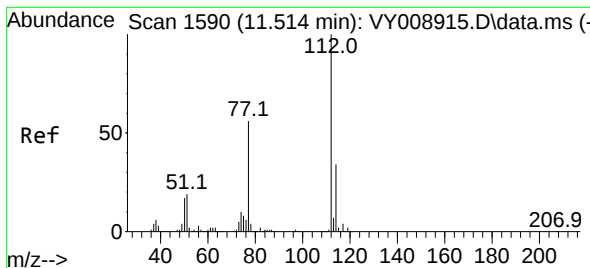
Tgt Ion:117 Resp: 207168
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 53.484 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:164 Resp: 80648
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 89.6 71.4 107.0
131 88.0 70.8 106.2

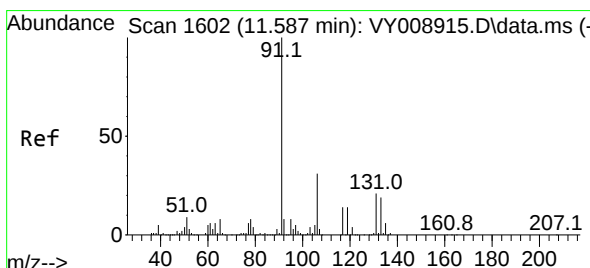
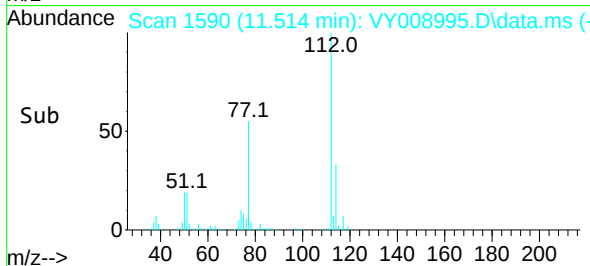
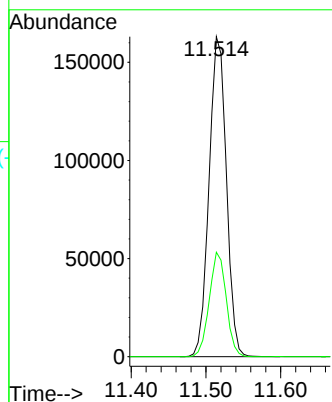
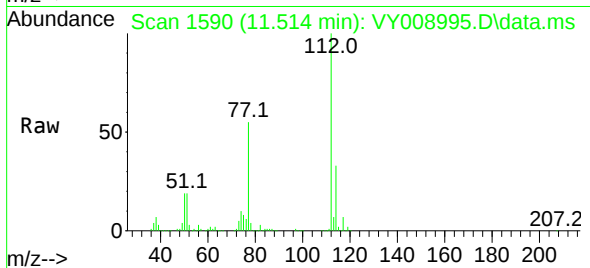




#65
Chlorobenzene
Concen: 55.301 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

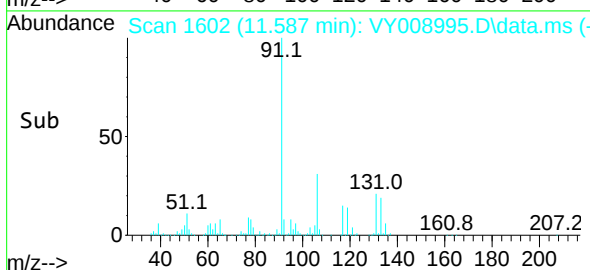
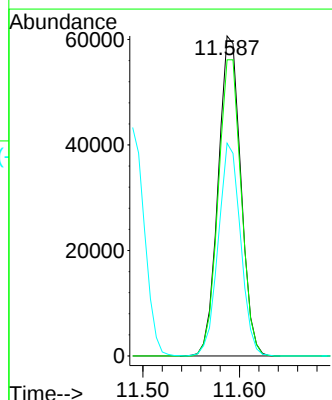
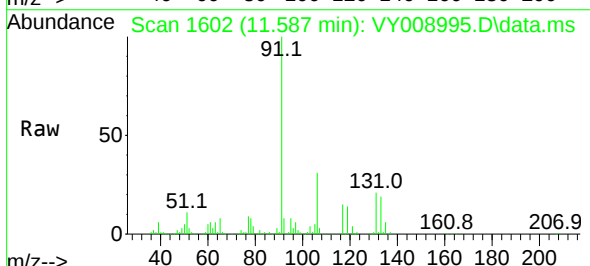
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

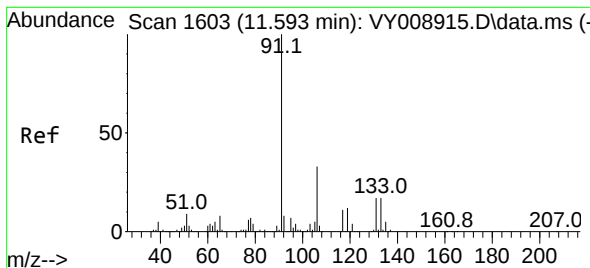
Tgt Ion:112 Resp: 262953
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.509 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:131 Resp: 98388
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 57.214 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

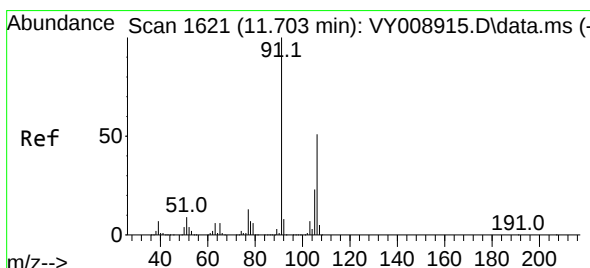
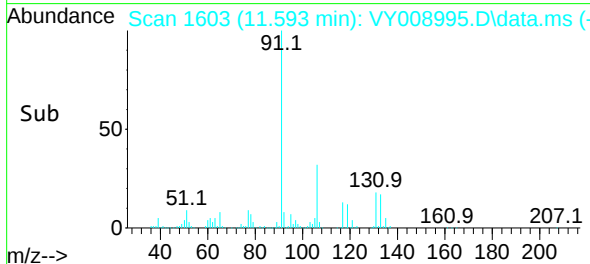
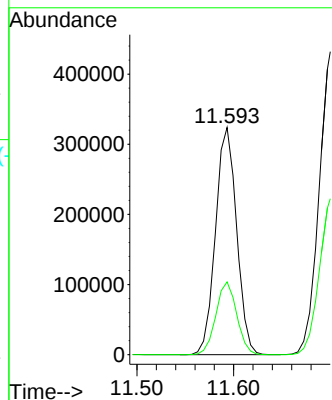
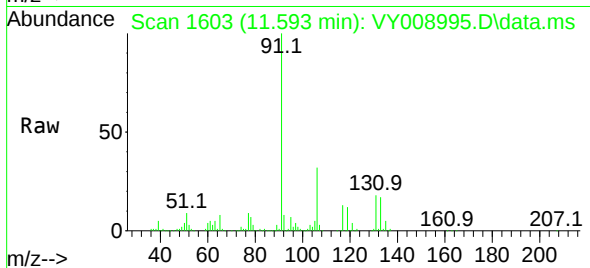
VSTDCCC050

Tgt Ion: 91 Resp: 490273

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 119.569 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008995.D

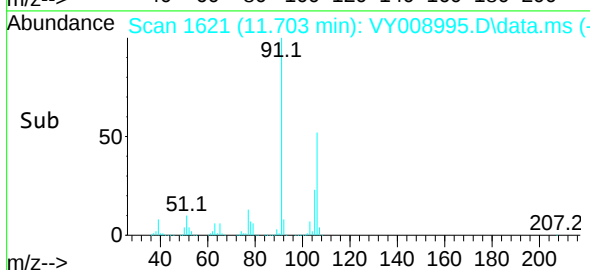
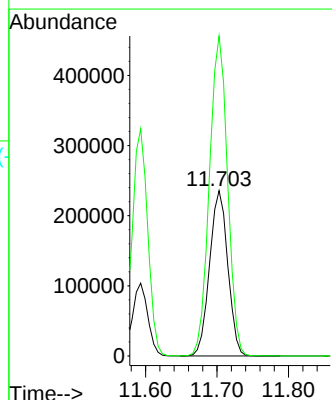
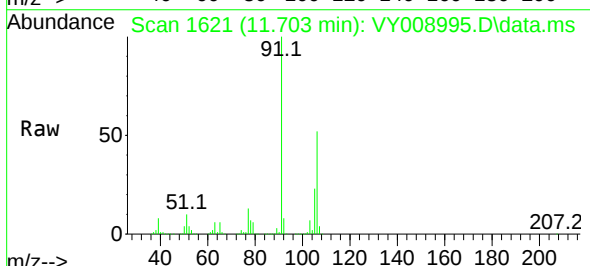
Acq: 23 May 2022 10:33

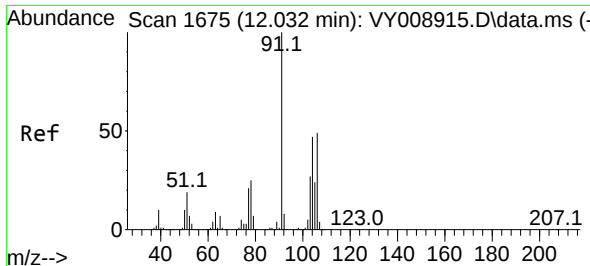
Tgt Ion: 106 Resp: 415940

Ion Ratio Lower Upper

106 100

91 193.5 166.6 249.8

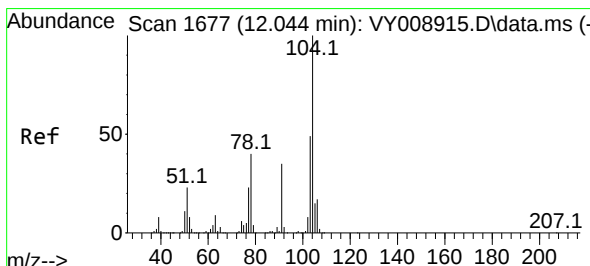
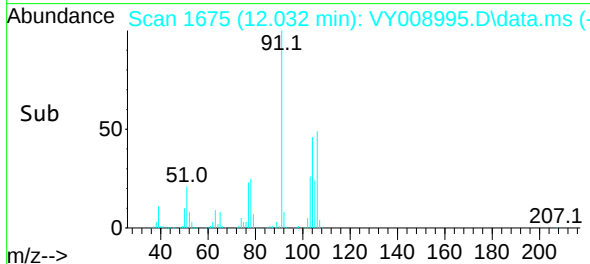
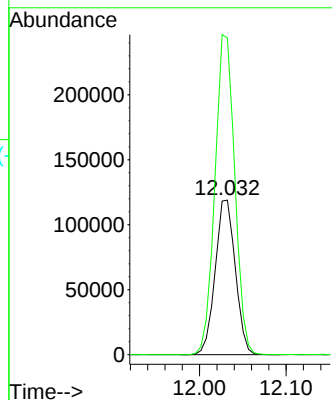
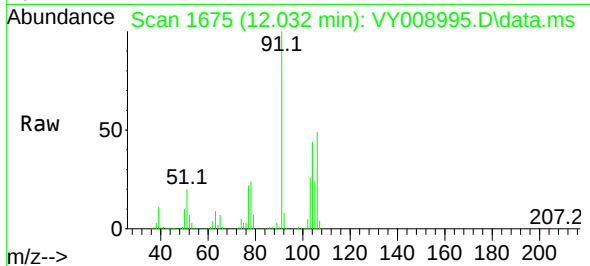




#69
o-Xylene
Concen: 59.483 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

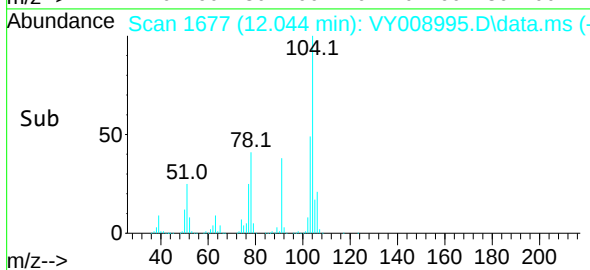
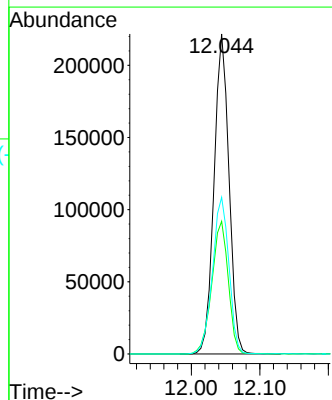
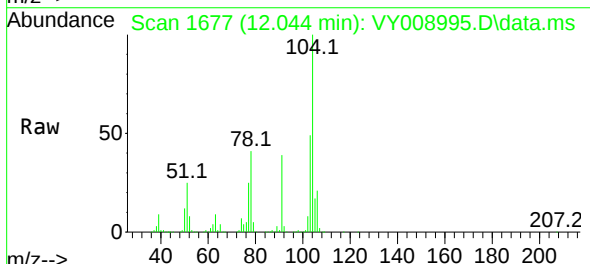
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

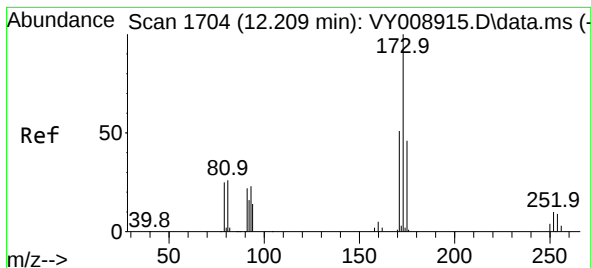
Tgt Ion:106 Resp: 192152
Ion Ratio Lower Upper
106 100
91 204.0 110.3 331.0



#70
Styrene
Concen: 60.458 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:104 Resp: 335862
Ion Ratio Lower Upper
104 100
78 45.6 42.4 63.6
103 53.8 44.4 66.6





#71

Bromoform

Concen: 56.667 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

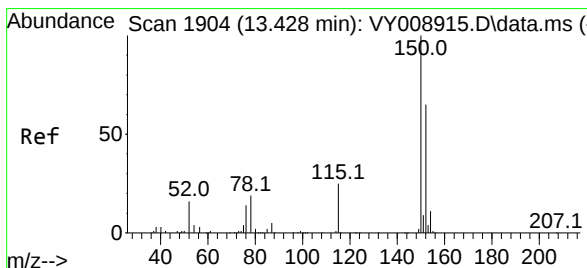
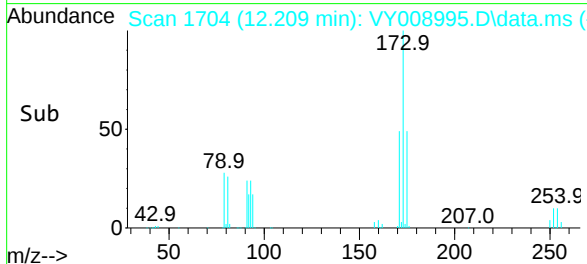
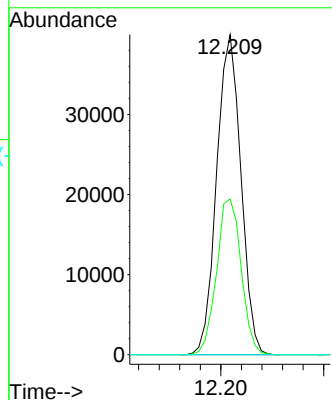
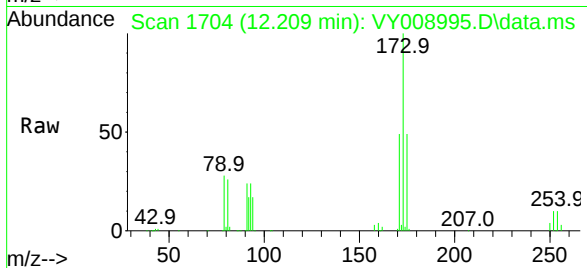
Tgt Ion:173 Resp: 65404

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

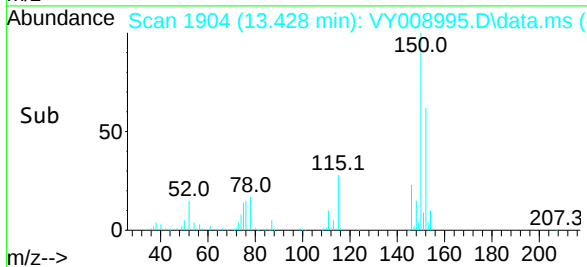
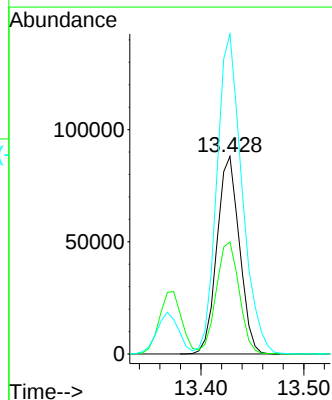
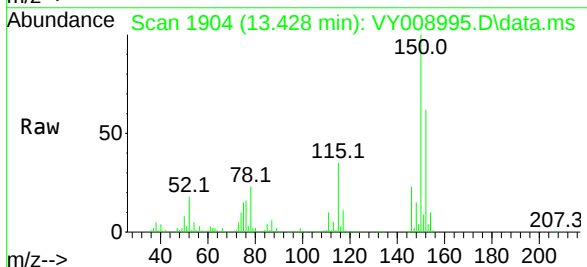
Tgt Ion:152 Resp: 133551

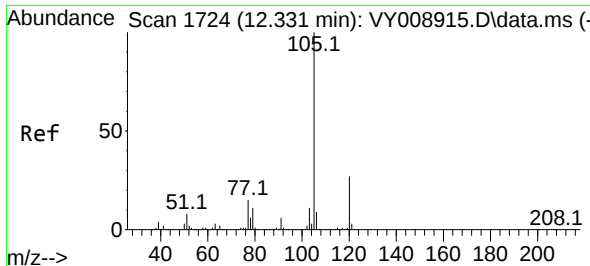
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 181.2 0.0 347.6

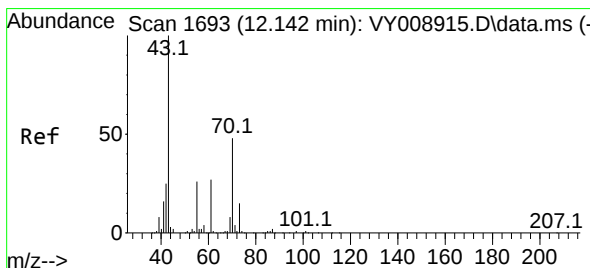
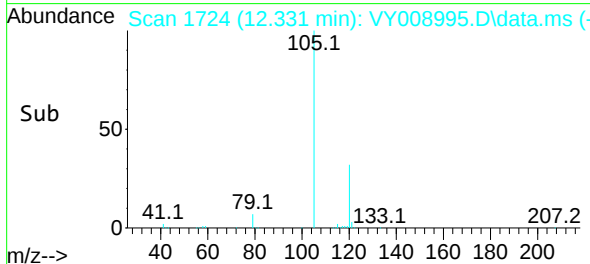
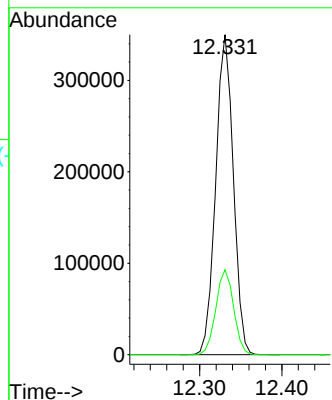
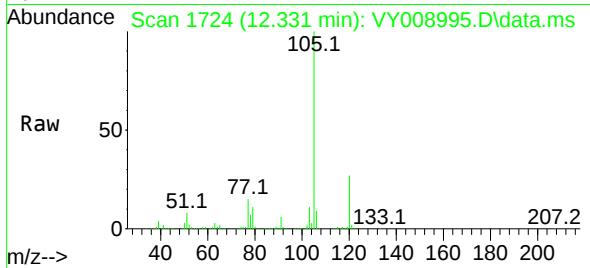




#73
Isopropylbenzene
Concen: 52.142 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

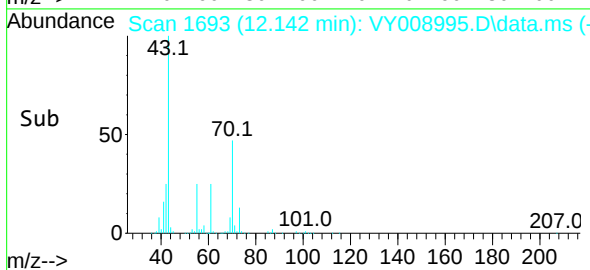
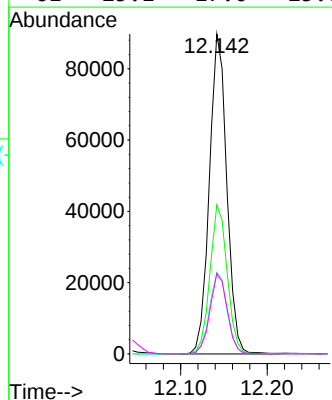
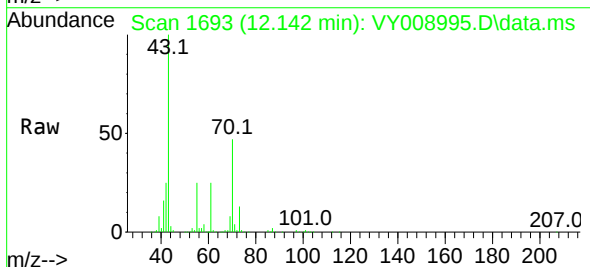
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

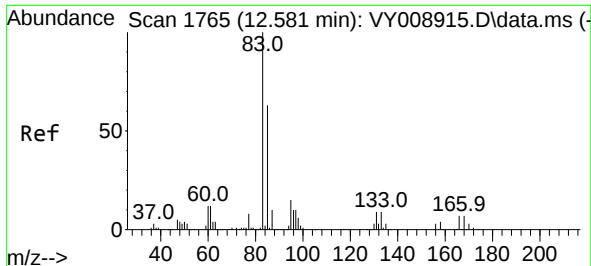
Tgt Ion:105 Resp: 520696
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 54.381 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 43 Resp: 125296
Ion Ratio Lower Upper
43 100
70 46.4 28.7 43.1#
55 25.7 17.3 25.9
61 25.1 17.0 25.6

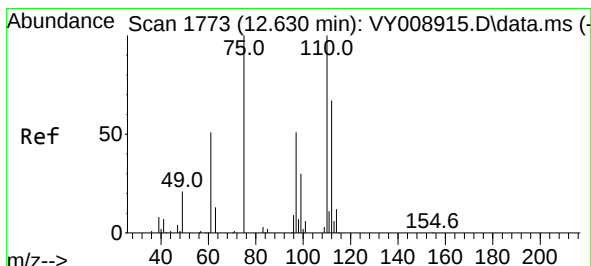
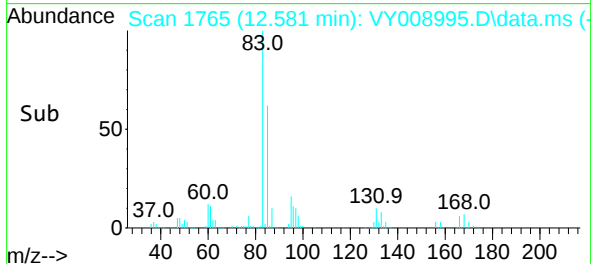
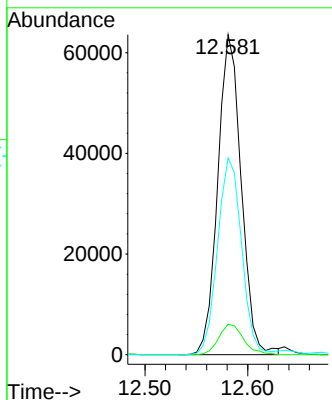
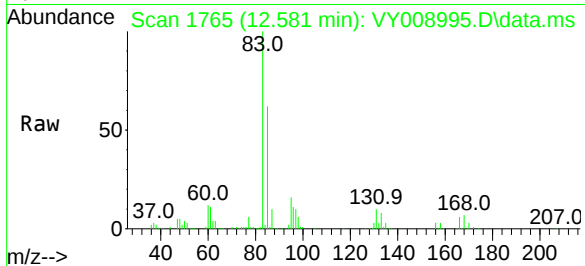




#75
1,1,2,2-Tetrachloroethane
Concen: 48.965 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

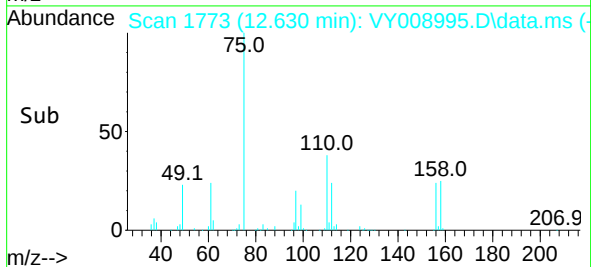
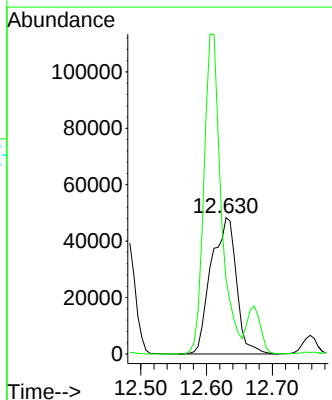
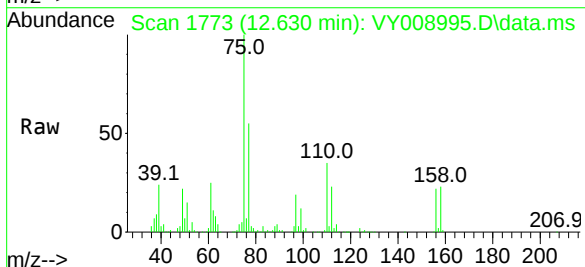
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

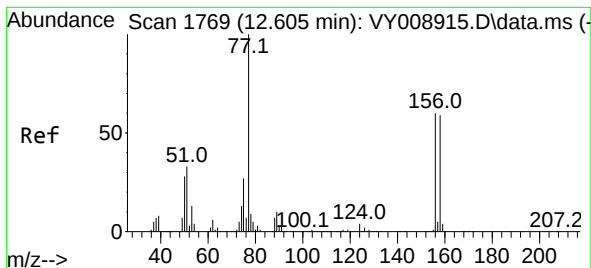
Tgt Ion: 83 Resp: 100727
Ion Ratio Lower Upper
83 100
131 10.1 5.6 16.8
85 62.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 90.174 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 75 Resp: 129325
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.089 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

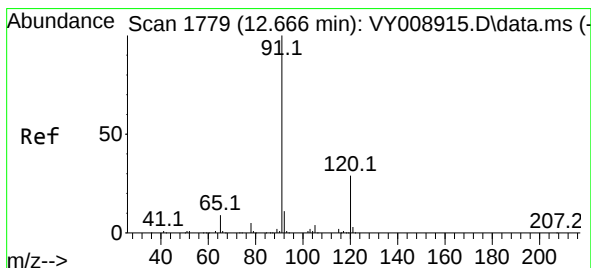
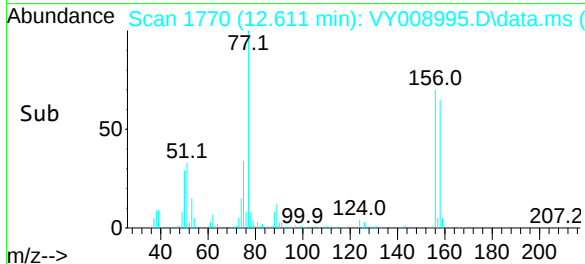
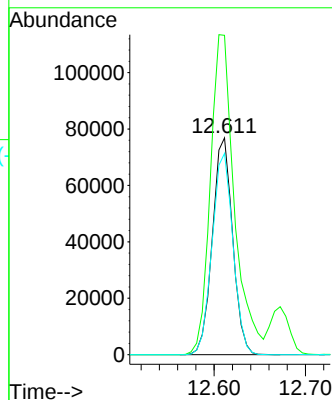
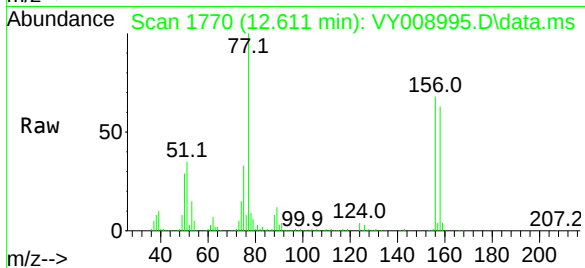
Tgt Ion:156 Resp: 118266

Ion Ratio Lower Upper

156 100

77 175.7 95.5 286.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 57.033 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008995.D

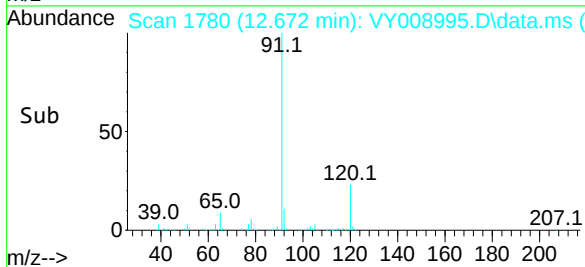
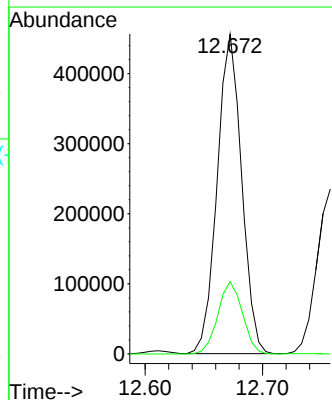
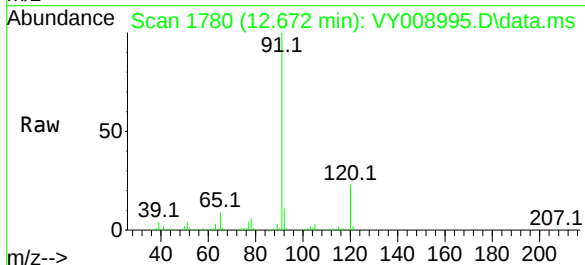
Acq: 23 May 2022 10:33

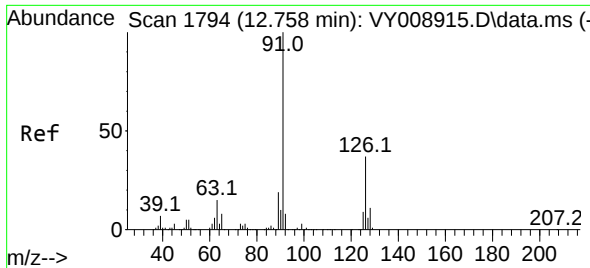
Tgt Ion: 91 Resp: 658017

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

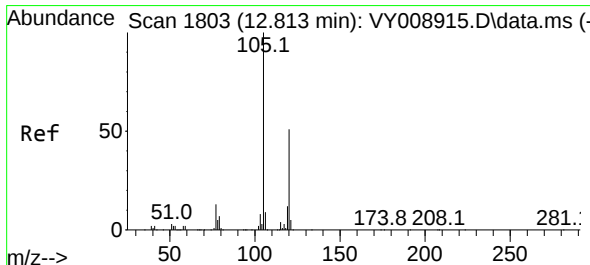
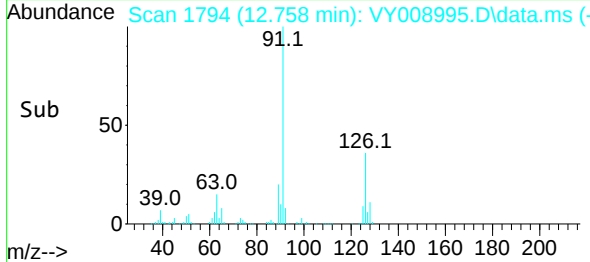
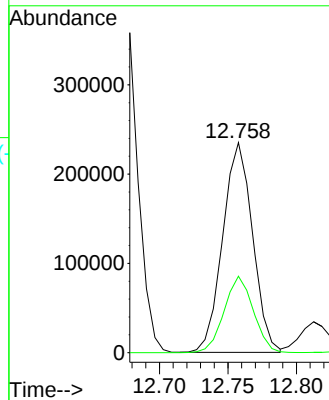
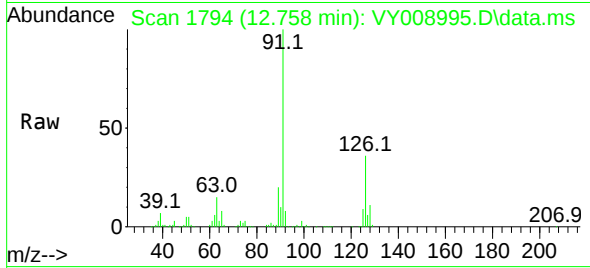




#79
2-Chlorotoluene
Concen: 53.606 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

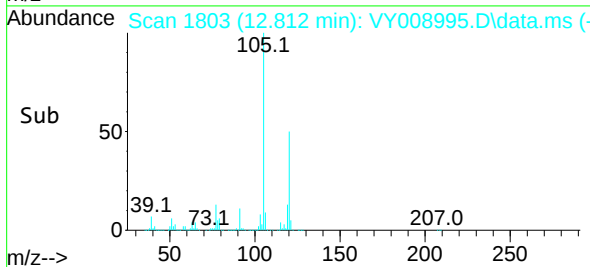
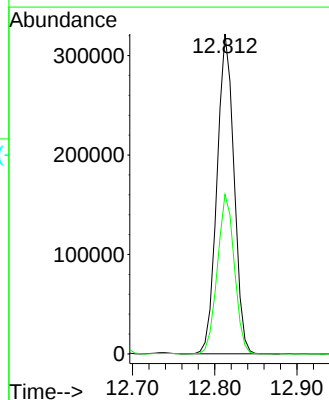
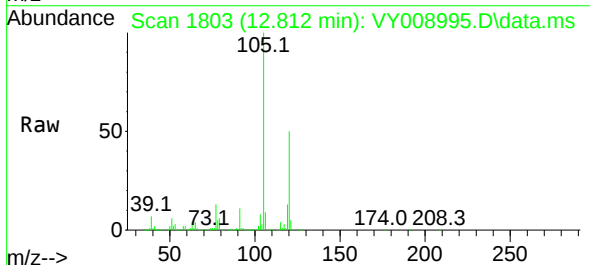
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

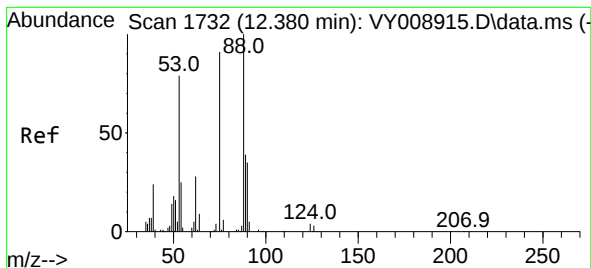
Tgt Ion: 91 Resp: 356756
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.221 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 105 Resp: 462209
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

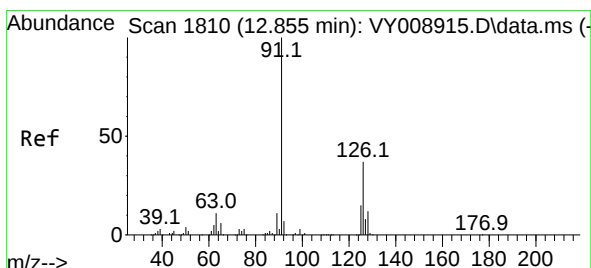
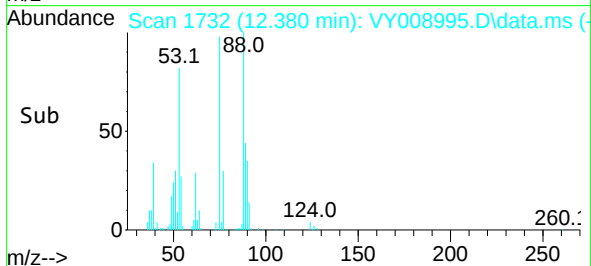
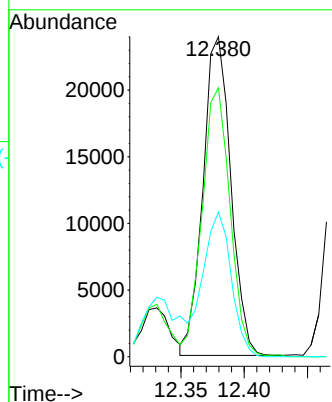
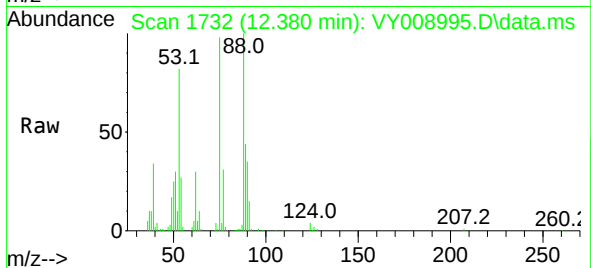




#81
trans-1,4-Dichloro-2-butene
Concen: 52.385 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

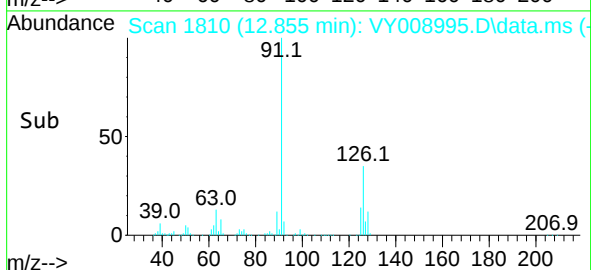
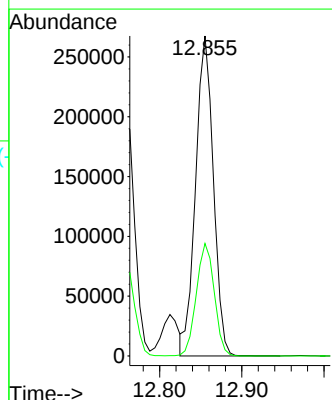
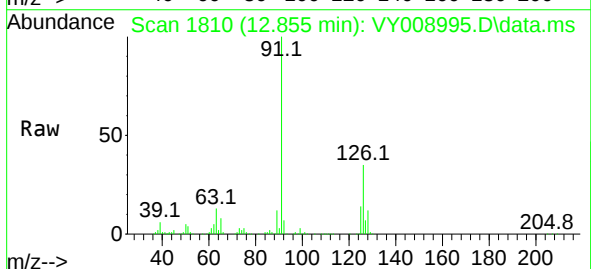
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

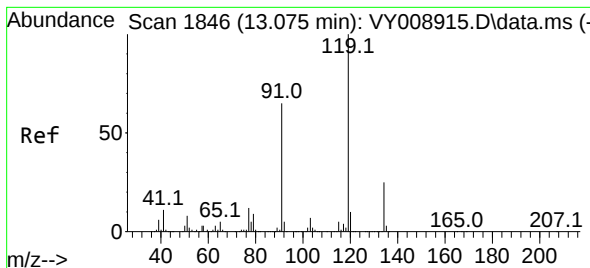
Tgt Ion: 75 Resp: 36604
Ion Ratio Lower Upper
75 100
53 85.1 85.3 127.9#
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 56.266 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 91 Resp: 400510
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

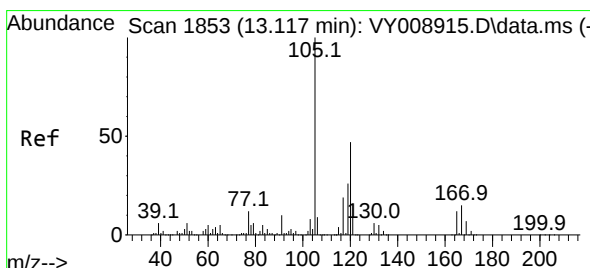
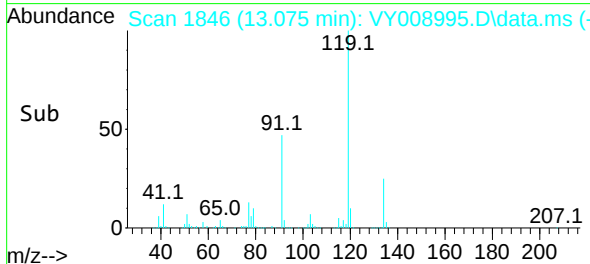
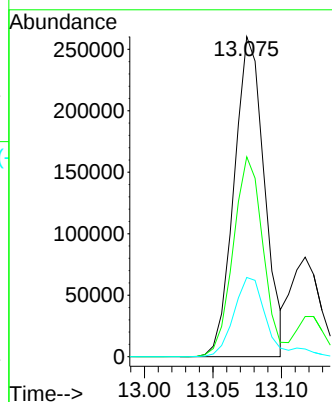
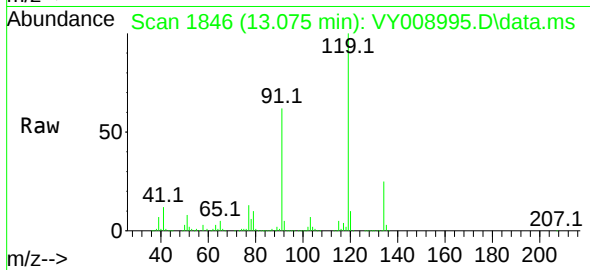




#83
tert-Butylbenzene
Concen: 54.019 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

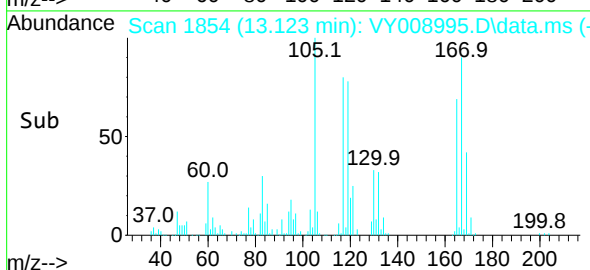
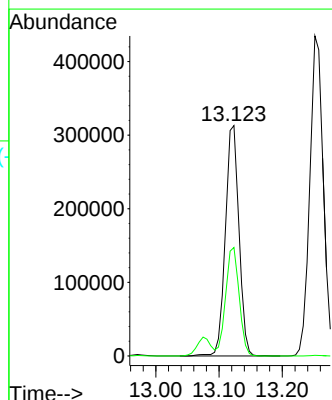
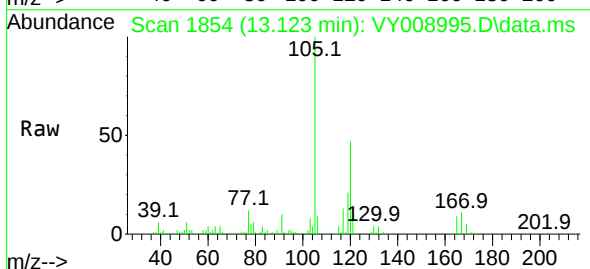
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

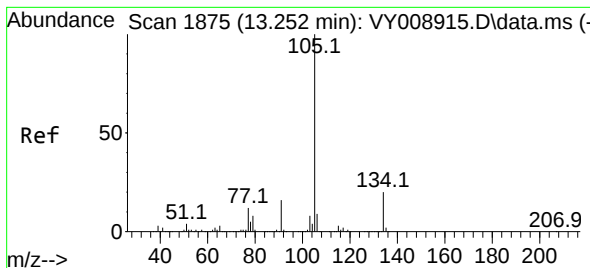
Tgt Ion:119 Resp: 401137
Ion Ratio Lower Upper
119 100
91 62.1 34.8 104.4
134 27.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 56.127 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:105 Resp: 466369
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.446 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

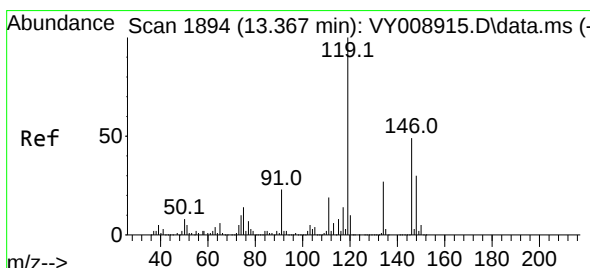
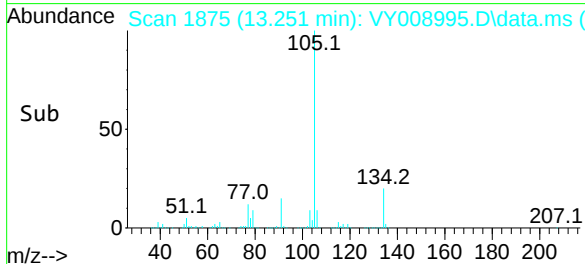
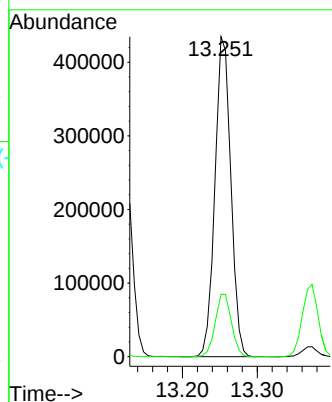
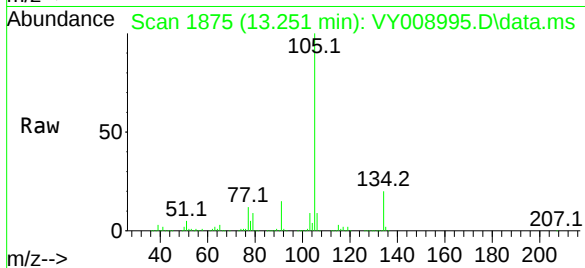
VSTDCCC050

Tgt Ion:105 Resp: 641326

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 57.527 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

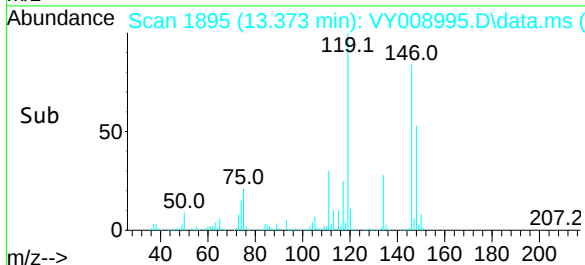
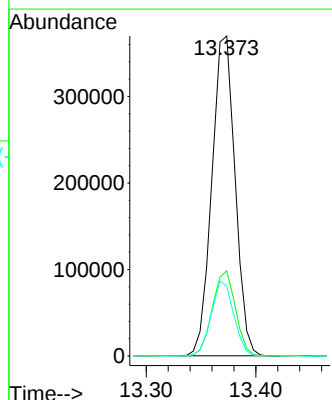
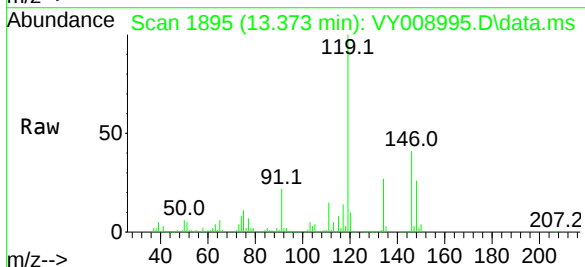
Tgt Ion:119 Resp: 545052

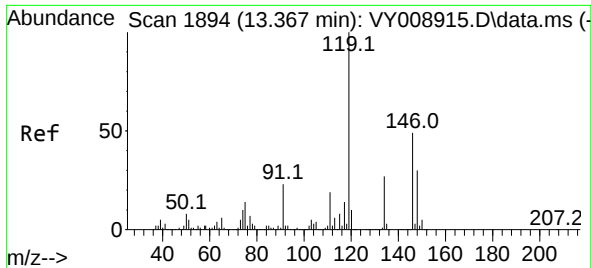
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.7 12.4 37.2

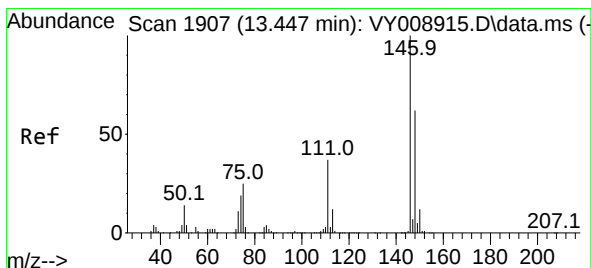
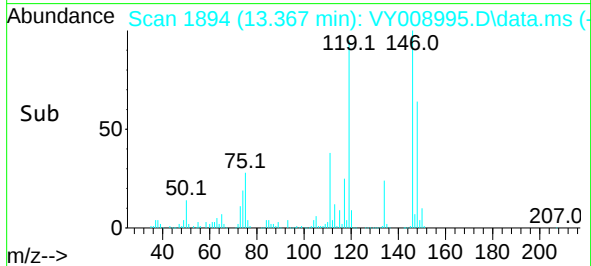
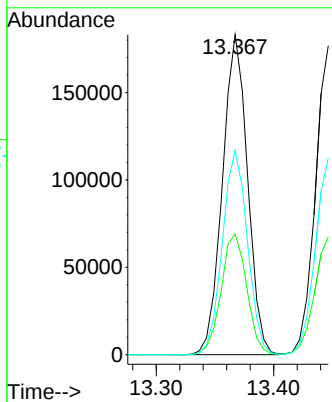
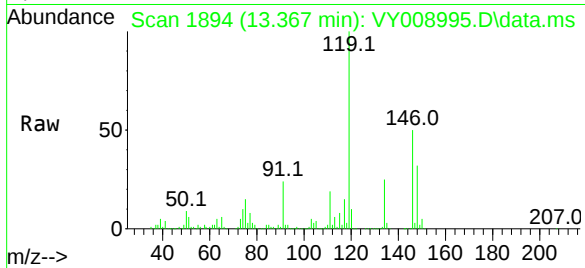




#87
1,3-Dichlorobenzene
Concen: 55.056 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

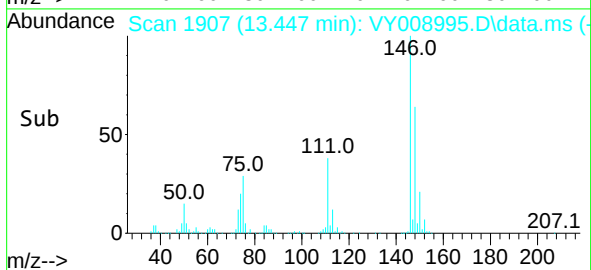
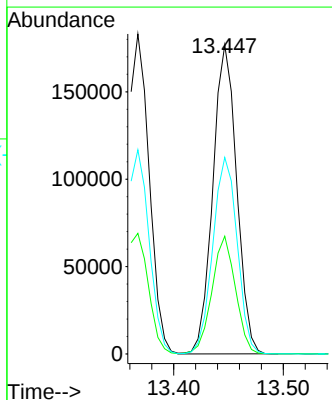
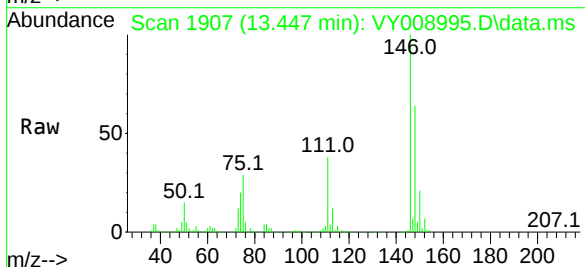
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

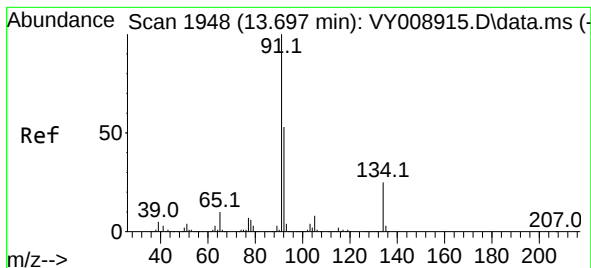
Tgt Ion:146 Resp: 271869
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 53.911 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion:146 Resp: 267455
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 65.2 32.6 97.8





#89

n-Butylbenzene

Concen: 56.745 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

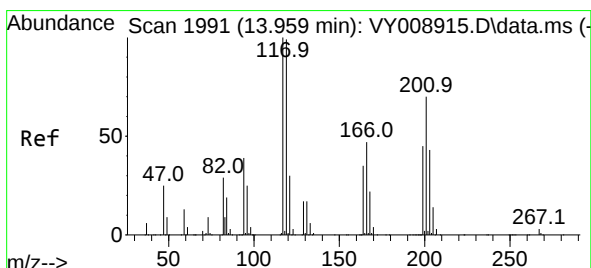
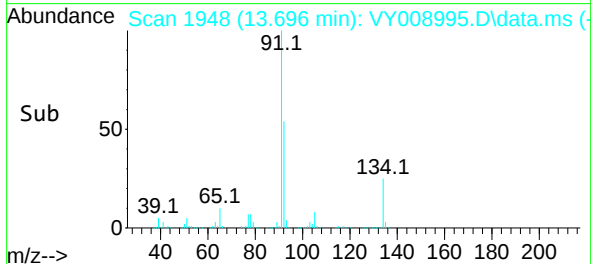
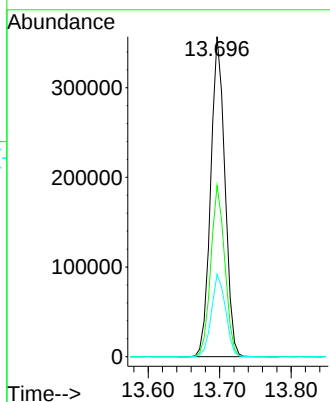
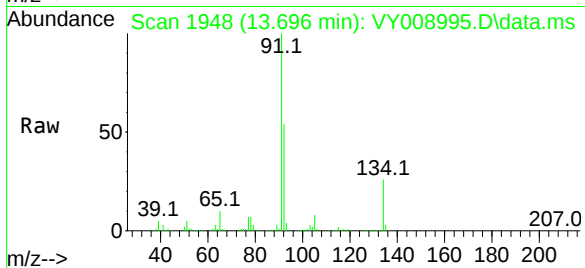
Tgt Ion: 91 Resp: 491856

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 53.262 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008995.D

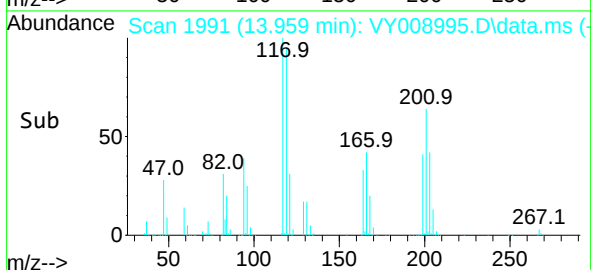
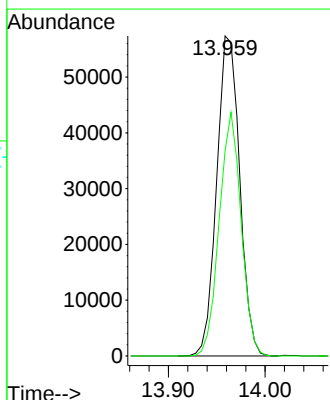
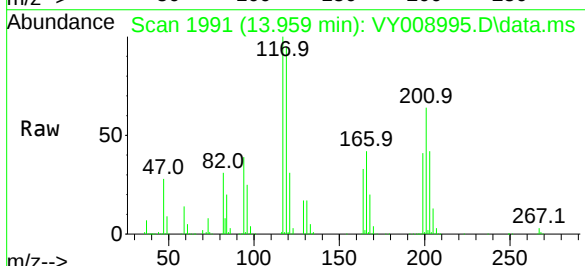
Acq: 23 May 2022 10:33

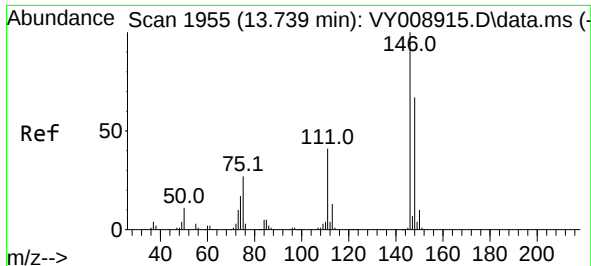
Tgt Ion: 117 Resp: 94568

Ion Ratio Lower Upper

117 100

201 72.4 43.0 128.8

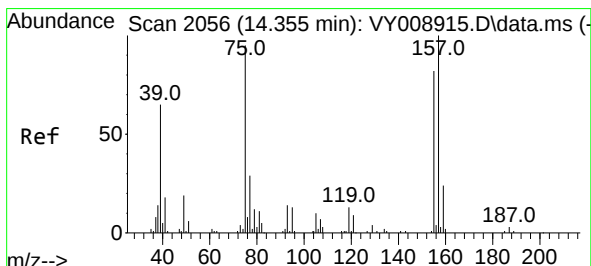
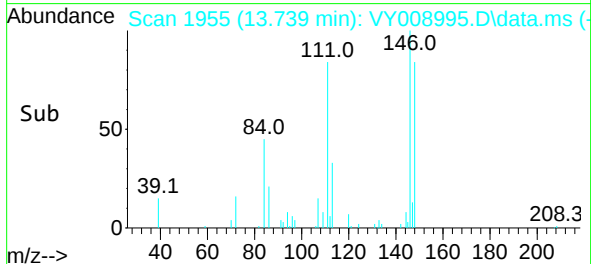
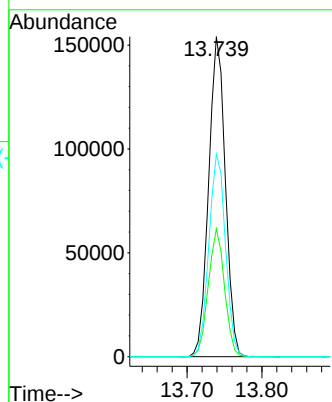
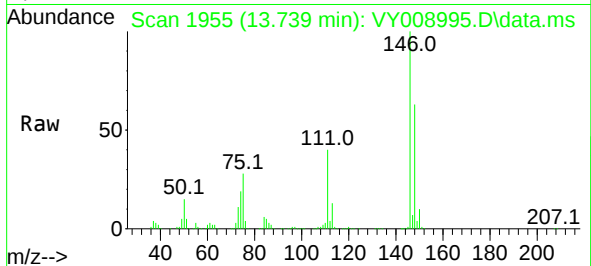




#91
1,2-Dichlorobenzene
Concen: 54.700 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

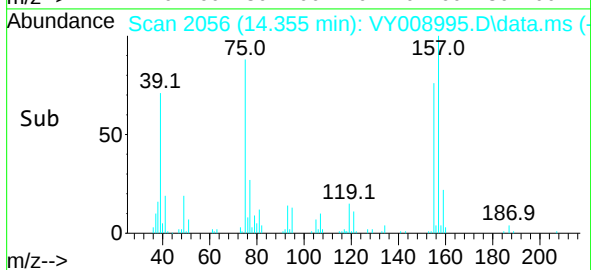
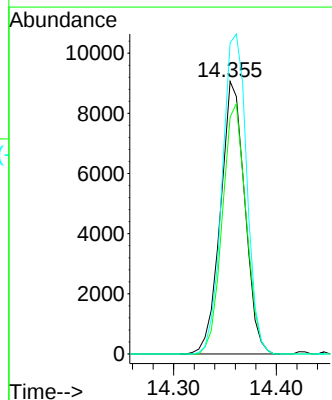
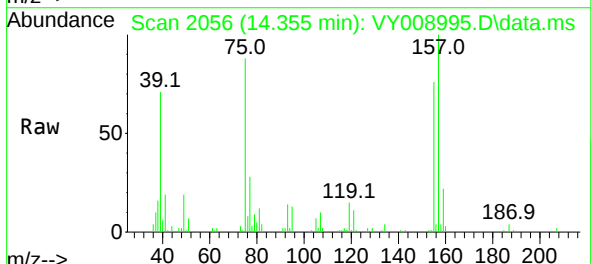
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

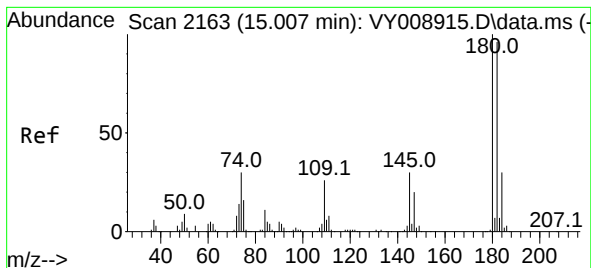
Tgt Ion:146 Resp: 238434
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.9
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.425 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008995.D
Acq: 23 May 2022 10:33

Tgt Ion: 75 Resp: 14827
Ion Ratio Lower Upper
75 100
155 89.8 38.0 113.9
157 117.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.426 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

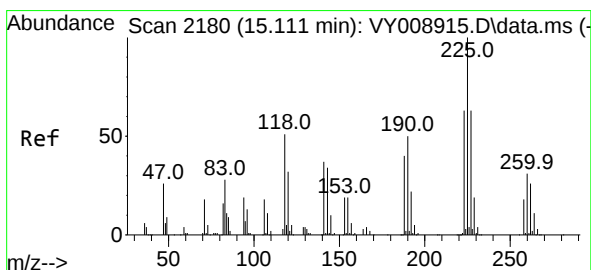
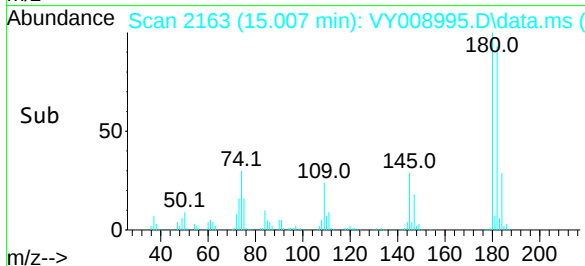
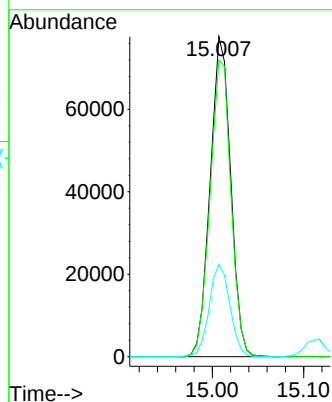
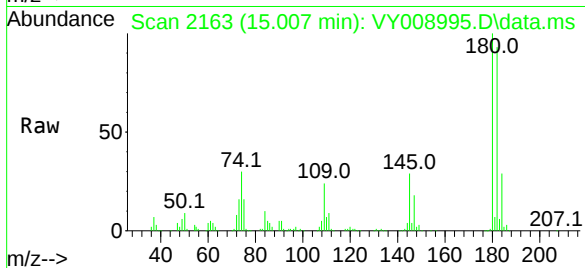
Tgt Ion:180 Resp: 120634

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.515 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

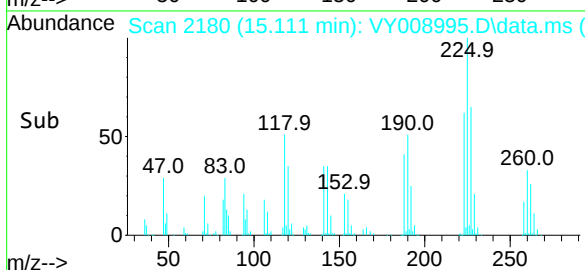
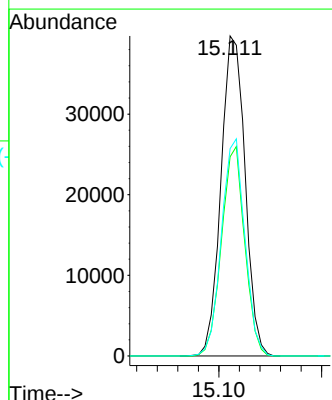
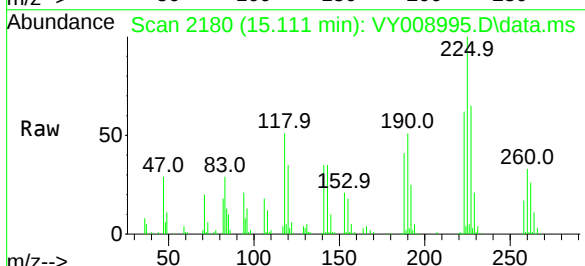
Tgt Ion:225 Resp: 64560

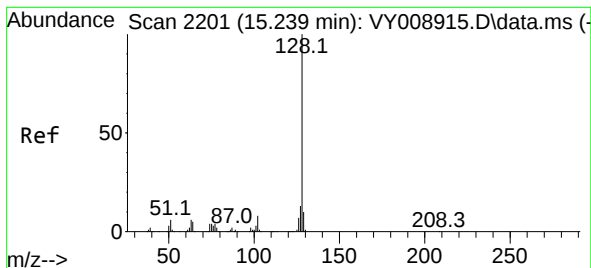
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 66.1 31.6 94.7





#95

Naphthalene

Concen: 49.365 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

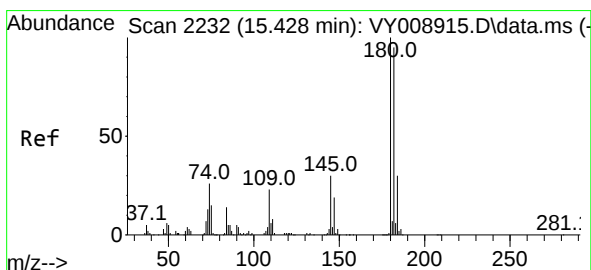
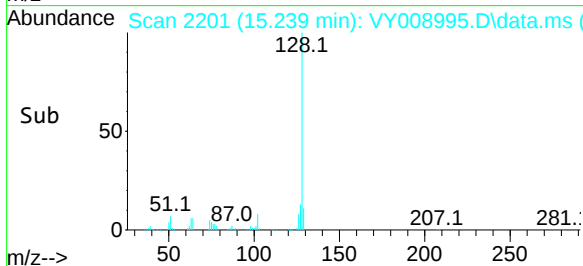
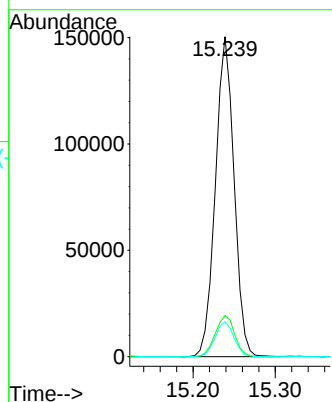
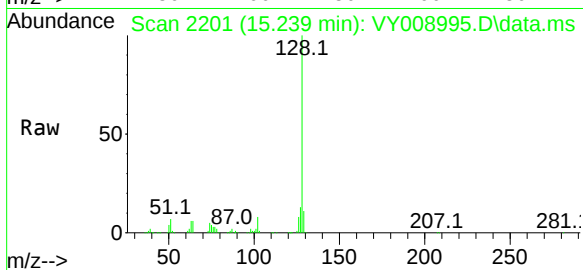
Tgt Ion:128 Resp: 237238

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.018 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008995.D

Acq: 23 May 2022 10:33

Tgt Ion:180 Resp: 103980

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 30.3 15.3 45.9

