

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009562.D
 Acq On : 14 Jul 2022 11:54
 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: Jul 14 12:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55852	47.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.710	113	59542	43.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.360%
50) Toluene-d8	10.173	98	179200	47.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.477	95	98118	50.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	101.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	121762	95.981	ug/l	100
3) Chloromethane	2.107	50	66046	46.620	ug/l	96
4) Vinyl Chloride	2.241	62	78239	48.507	ug/l	100
5) Bromomethane	2.631	94	56991	49.182	ug/l	98
6) Chloroethane	2.784	64	49522	52.588	ug/l	99
7) Trichlorofluoromethane	3.113	101	114157	53.011	ug/l	92
8) Diethyl Ether	3.515	74	39640	48.114	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	69378	47.550	ug/l	97
10) Methyl Iodide	4.076	142	88789	45.680	ug/l	91
11) Tert butyl alcohol	4.942	59	39654	178.451	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	66153	48.883	ug/l	84
13) Acrolein	3.717	56	25865	203.974	ug/l	95
14) Allyl chloride	4.466	41	115234	45.059	ug/l	97
15) Acrylonitrile	5.149	53	110284	243.273	ug/l	98
16) Acetone	3.942	43	99463	209.699	ug/l	95
17) Carbon Disulfide	4.180	76	189994	42.933	ug/l	99
18) Methyl Acetate	4.466	43	51570	43.645	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	201524	49.201	ug/l	99
20) Methylene Chloride	4.704	84	83085	42.937	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	78804	49.698	ug/l	86
22) Diisopropyl ether	6.106	45	277042	54.901	ug/l	96
23) Vinyl Acetate	6.045	43	892562	259.462	ug/l	96
24) 1,1-Dichloroethane	6.003	63	140517	50.337	ug/l	99
25) 2-Butanone	6.978	43	165215	253.787	ug/l	94
26) 2,2-Dichloropropane	6.972	77	134604	48.924	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	91648	49.094	ug/l	91
28) Bromochloromethane	7.320	49	59834	50.997	ug/l	90
29) Tetrahydrofuran	7.338	42	106888	253.853	ug/l	93
30) Chloroform	7.496	83	147819	48.383	ug/l	100
31) Cyclohexane	7.771	56	128866	47.481	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	133701	49.637	ug/l	96
36) 1,1-Dichloropropene	7.911	75	115377	51.984	ug/l	98
37) Ethyl Acetate	7.064	43	69328	49.832	ug/l	95
38) Carbon Tetrachloride	7.893	117	121604	51.230	ug/l	98
39) Methylcyclohexane	9.179	83	138668	52.050	ug/l	91
40) Benzene	8.155	78	332498	51.017	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	33620m	21.213	ug/l	
42) 1,2-Dichloroethane	8.228	62	99366	50.784	ug/l	93
43) Isopropyl Acetate	8.265	43	134383	51.769	ug/l	95
44) Trichloroethene	8.935	130	93076	50.554	ug/l	95
45) 1,2-Dichloropropane	9.209	63	85257	51.691	ug/l	95
46) Dibromomethane	9.301	93	50418	52.082	ug/l	99
47) Bromodichloromethane	9.490	83	117576	51.029	ug/l	99
48) Methyl methacrylate	9.289	41	60053	53.695	ug/l	93
49) 1,4-Dioxane	9.289	88	14675	1029.386	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	371432	272.087	ug/l	95
52) Toluene	10.240	92	226695	54.585	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	128329	52.852	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	141331	52.200	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	71109	50.918	ug/l	97
56) Ethyl methacrylate	10.508	69	102427	55.243	ug/l	88
57) 1,3-Dichloropropane	10.788	76	119908	52.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	230670	254.675	ug/l	97
59) 2-Hexanone	10.825	43	270437	285.893	ug/l	93
60) Dibromochloromethane	10.984	129	87953	52.008	ug/l	99
61) 1,2-Dibromoethane	11.087	107	68593	51.234	ug/l	100
64) Tetrachloroethene	10.715	164	90720	44.398	ug/l	98
65) Chlorobenzene	11.514	112	246870	51.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	92956	51.484	ug/l	98
67) Ethyl Benzene	11.587	91	436171	52.052	ug/l	98
68) m/p-Xylenes	11.697	106	357111	109.273	ug/l	91
69) o-Xylene	12.026	106	167548	53.487	ug/l	92
70) Styrene	12.044	104	291183	55.653	ug/l	95
71) Bromoform	12.203	173	61042	53.044	ug/l #	100
73) Isopropylbenzene	12.325	105	450541	49.971	ug/l	99
74) N-amyl acetate	12.142	43	137997	53.795	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	91354	50.605	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66508m	26.688	ug/l	
77) Bromobenzene	12.605	156	107469	48.963	ug/l	95
78) n-propylbenzene	12.666	91	556308	51.073	ug/l	98
79) 2-Chlorotoluene	12.752	91	314490	51.571	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	382567	50.764	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	34112	50.027	ug/l	88
82) 4-Chlorotoluene	12.849	91	324683	50.804	ug/l	96
83) tert-Butylbenzene	13.075	119	344448	51.375	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	388338	51.771	ug/l	98
85) sec-Butylbenzene	13.251	105	516397	52.297	ug/l	99
86) p-Isopropyltoluene	13.367	119	428590	52.072	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	219017	50.551	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	218867	49.912	ug/l	99
89) n-Butylbenzene	13.696	91	398399	51.834	ug/l	98
90) Hexachloroethane	13.959	117	81017	50.167	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	199403	50.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14206	44.897	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	104605	43.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	58855	44.217	ug/l	98
95) Naphthalene	15.233	128	205958	41.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90427	43.124	ug/l	99

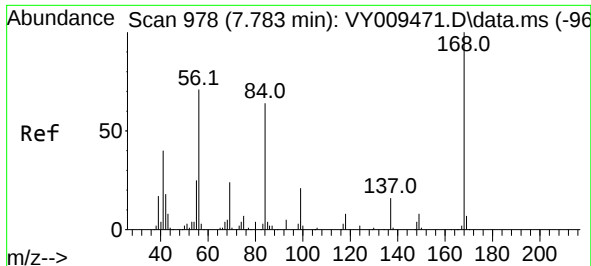
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QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

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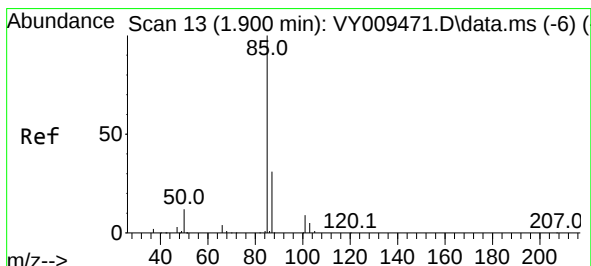
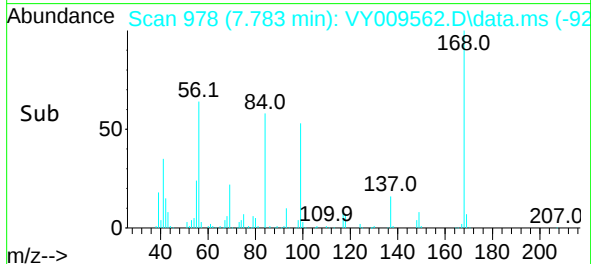
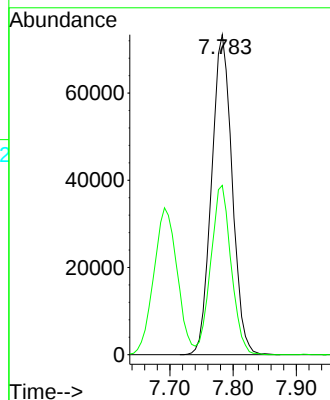
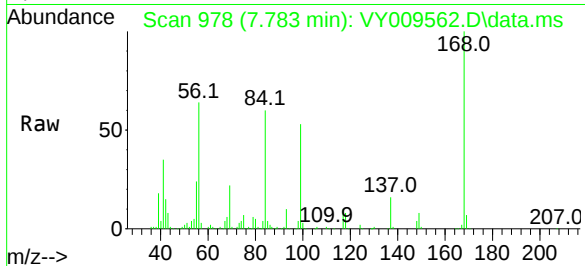
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

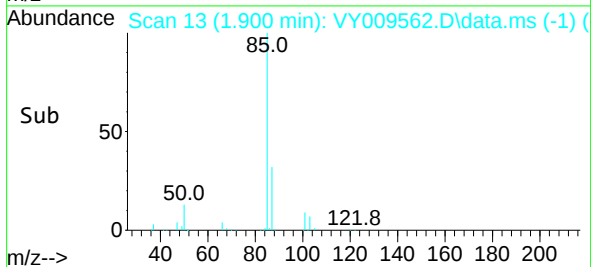
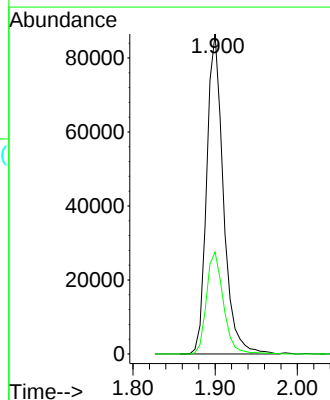
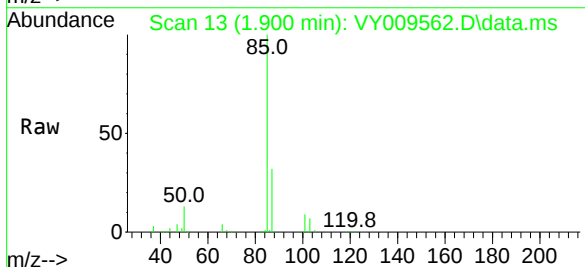
Instrument :
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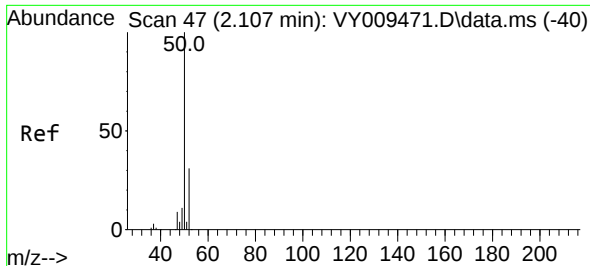
Tgt Ion:168 Resp: 165427
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 95.981 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 85 Resp: 121762
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

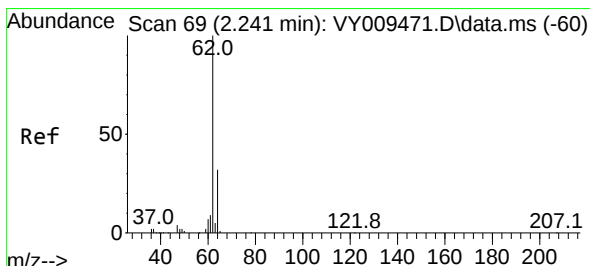
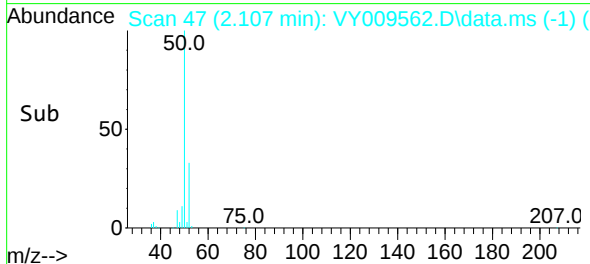
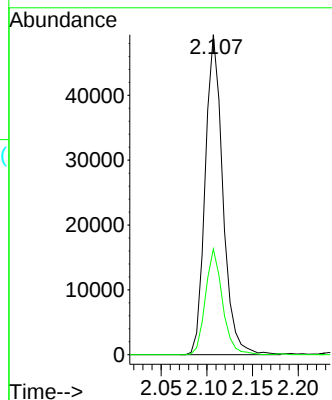
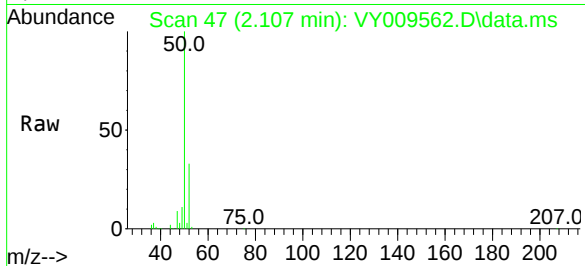




#3
Chloromethane
Concen: 46.620 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

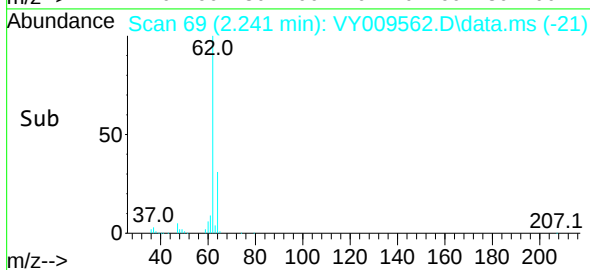
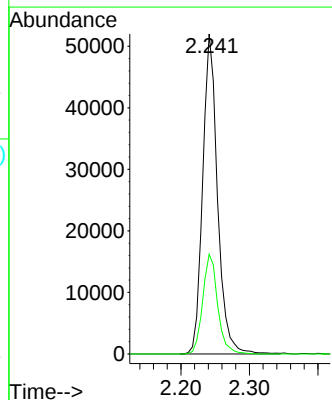
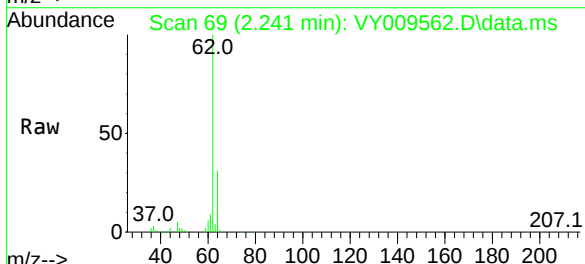
Instrument :
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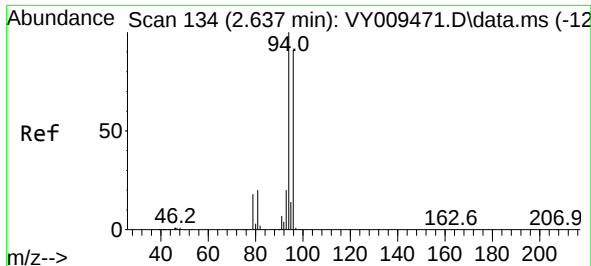
Tgt Ion: 50 Resp: 66046
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 48.507 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 62 Resp: 78239
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

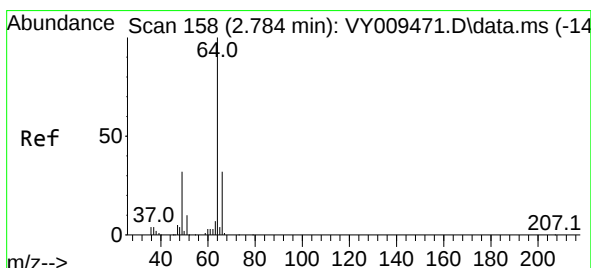
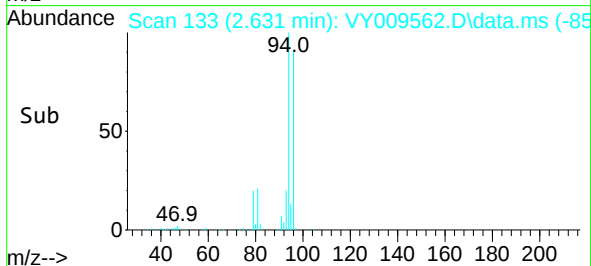
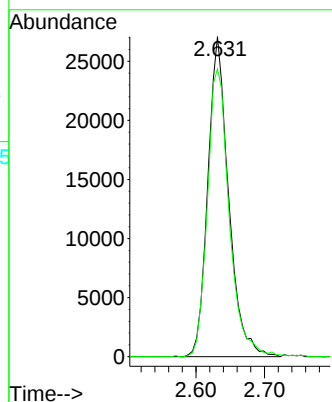
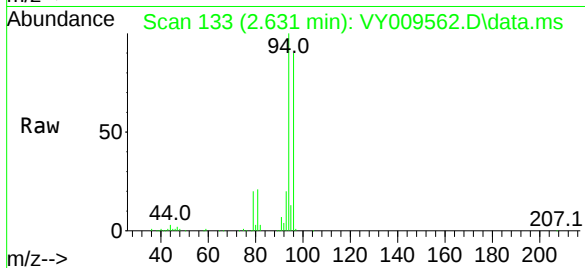




#5
Bromomethane
Concen: 49.182 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

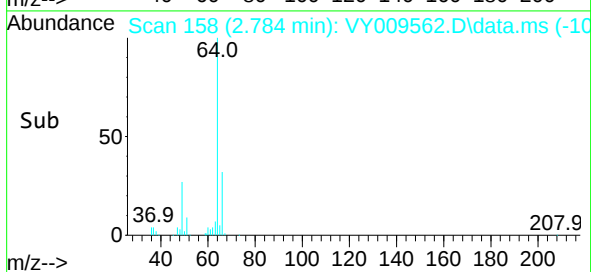
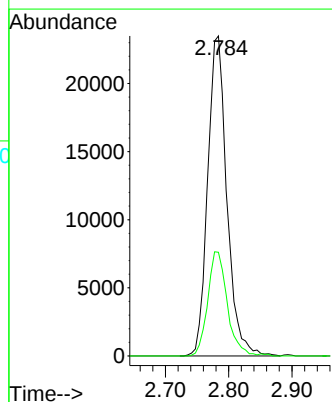
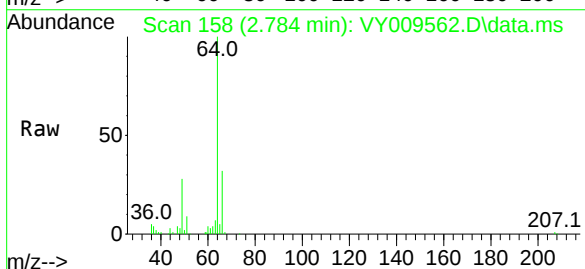
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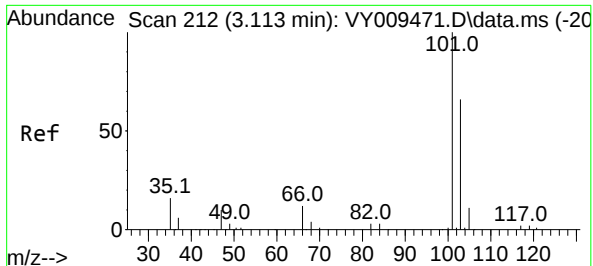
Tgt Ion: 94 Resp: 56991
Ion Ratio Lower Upper
94 100
96 90.0 73.5 110.3



#6
Chloroethane
Concen: 52.588 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 64 Resp: 49522
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0

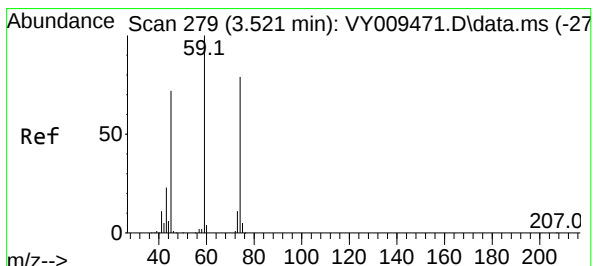
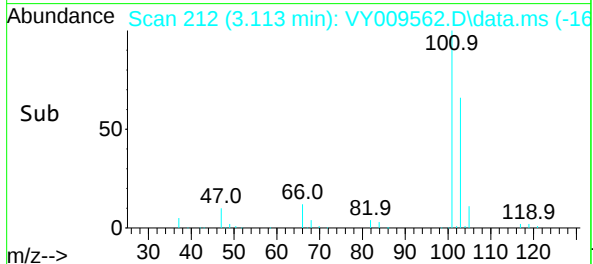
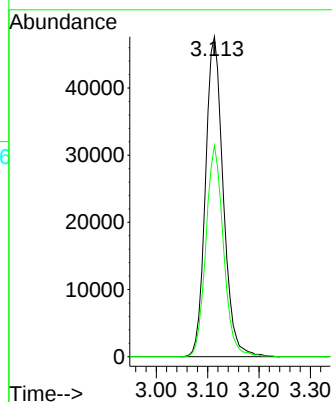
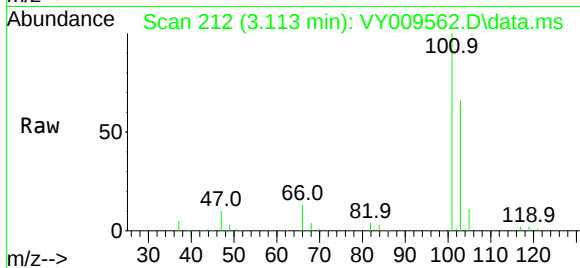




#7
 Trichlorofluoromethane
 Concen: 53.011 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY009562.D
 Acq: 14 Jul 2022 11:54

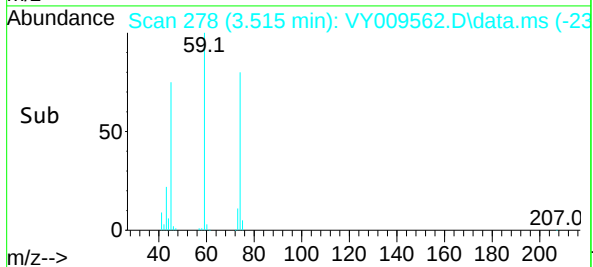
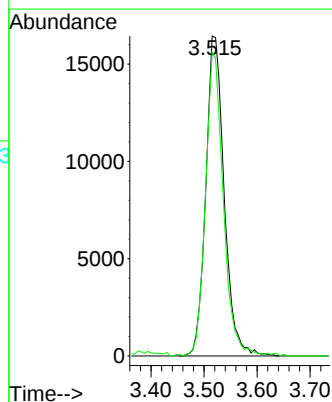
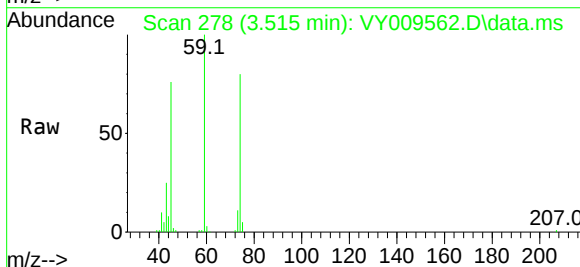
Instrument :
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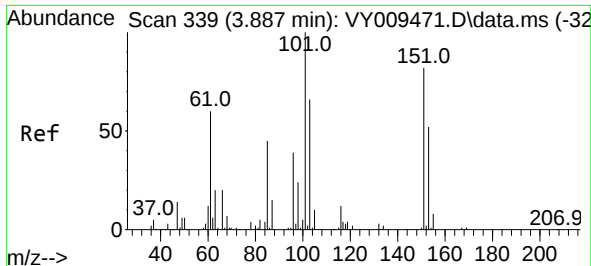
Tgt Ion:101 Resp: 114157
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.114 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009562.D
 Acq: 14 Jul 2022 11:54

Tgt Ion: 74 Resp: 39640
 Ion Ratio Lower Upper
 74 100
 45 91.9 55.1 165.5

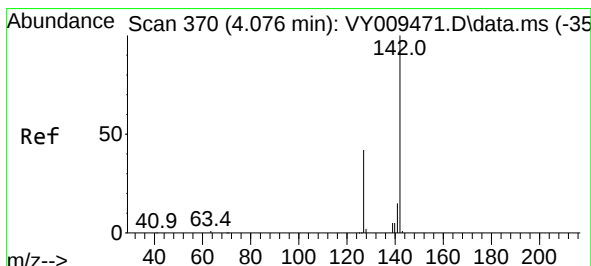
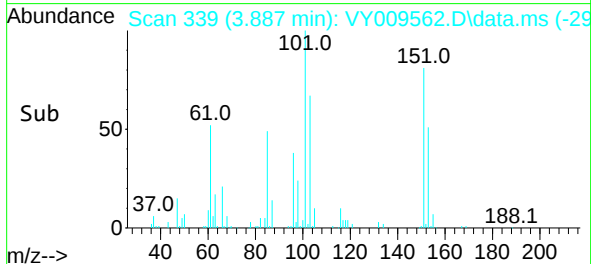
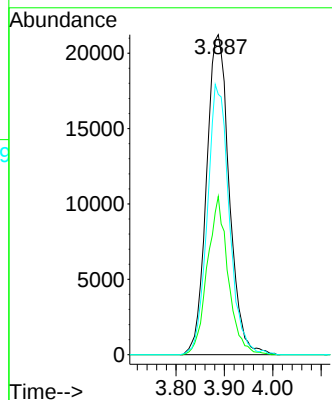
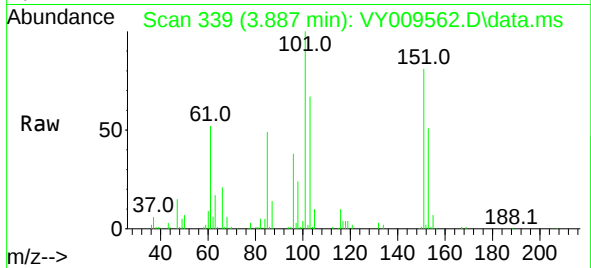




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.550 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009562.D
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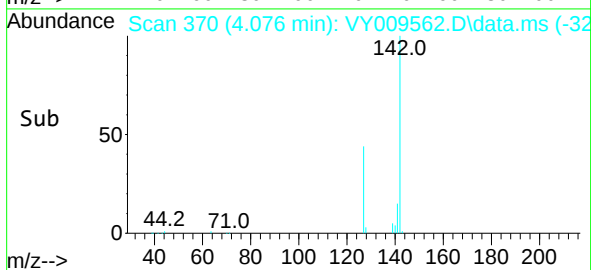
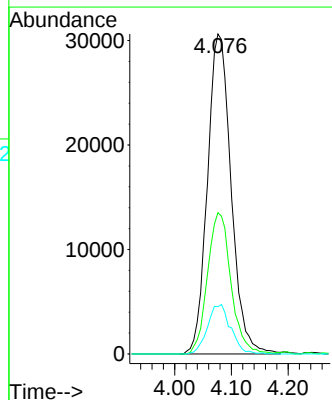
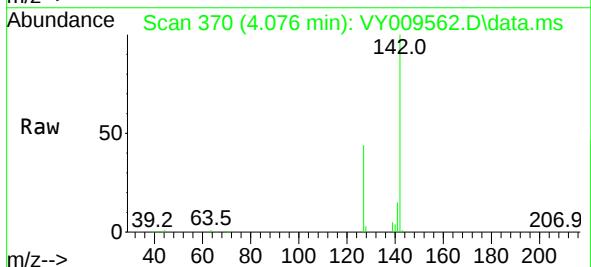
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

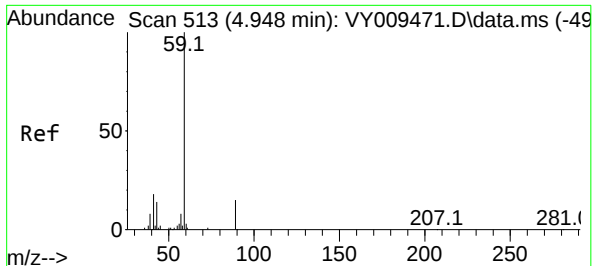
Tgt Ion:101 Resp: 69378
Ion Ratio Lower Upper
101 100
85 45.2 40.6 60.8
151 81.0 64.9 97.3



#10
Methyl Iodide
Concen: 45.680 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion:142 Resp: 88789
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 15.1 11.9 17.9

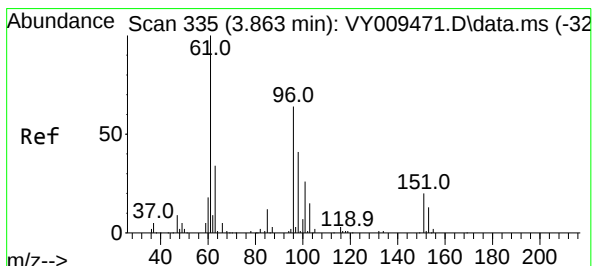
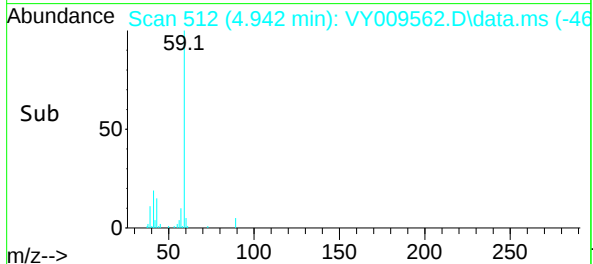
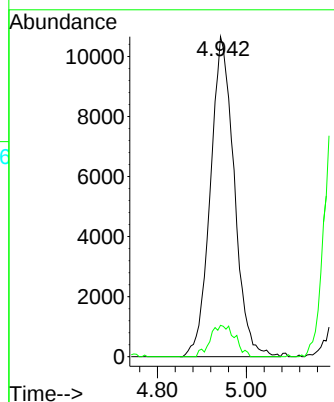
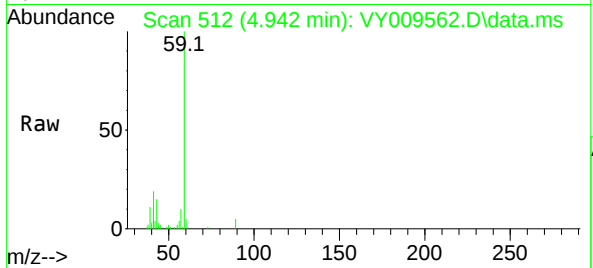




#11
Tert butyl alcohol
Concen: 178.451 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

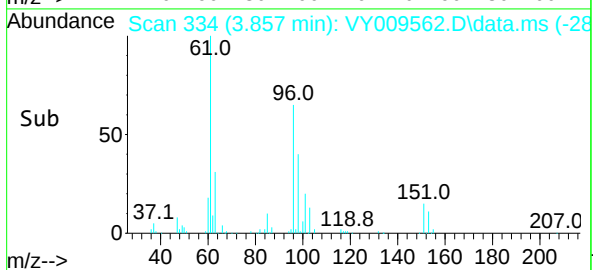
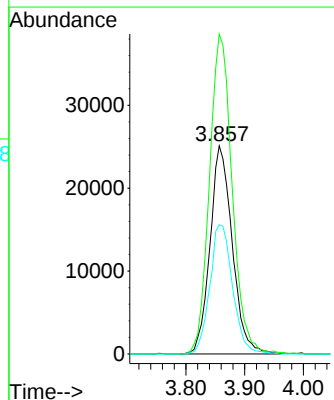
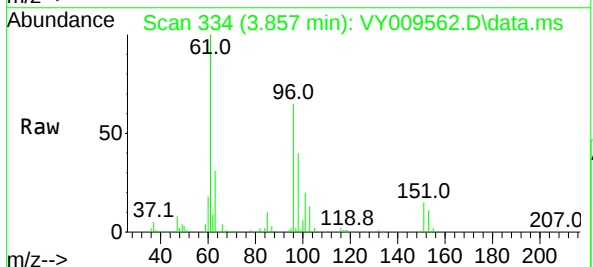
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

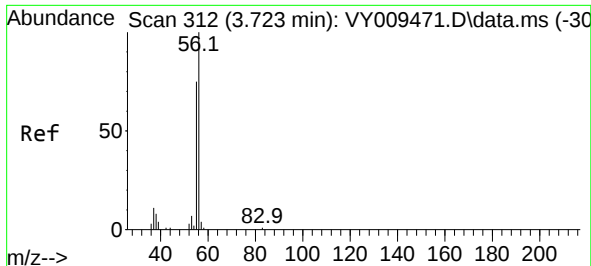
Tgt Ion: 59 Resp: 39654
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.883 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 96 Resp: 66153
Ion Ratio Lower Upper
96 100
61 153.7 145.8 218.6
98 62.1 52.5 78.7





#13

Acrolein

Concen: 203.974 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

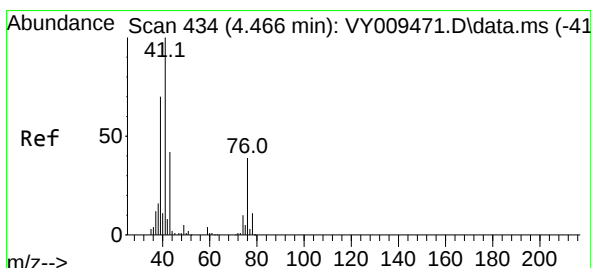
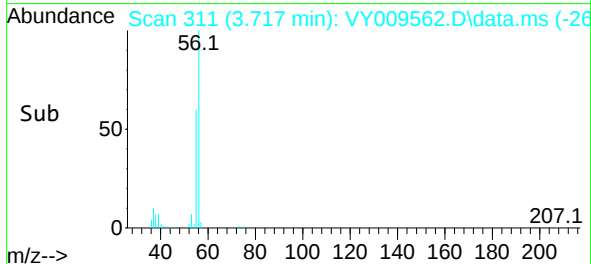
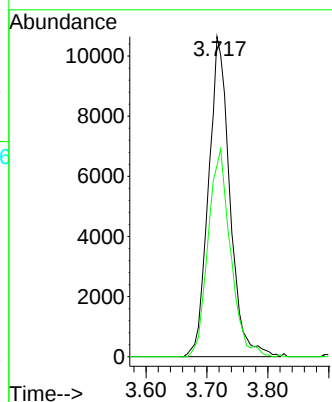
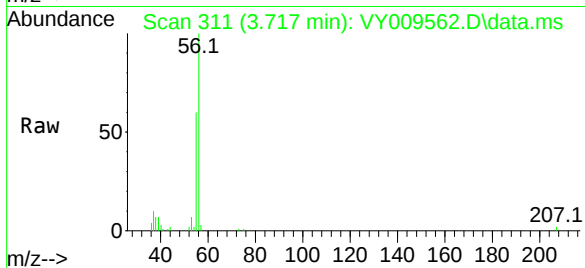
VSTDCCC050

Tgt Ion: 56 Resp: 25865

Ion Ratio Lower Upper

56 100

55 68.1 57.6 86.4



#14

Allyl chloride

Concen: 45.059 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

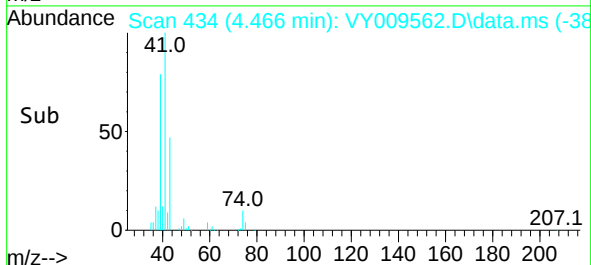
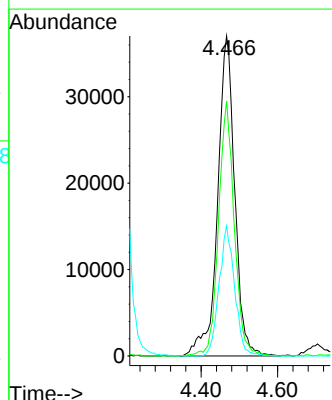
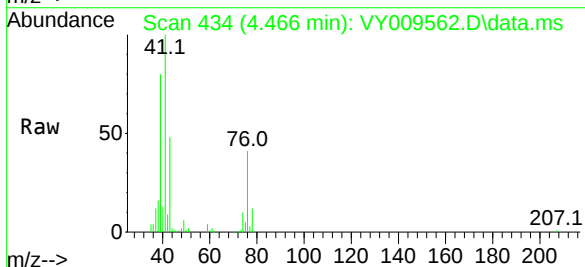
Tgt Ion: 41 Resp: 115234

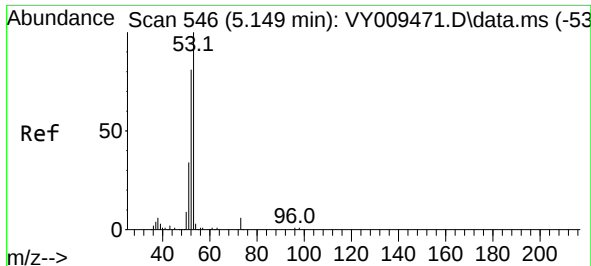
Ion Ratio Lower Upper

41 100

39 73.2 58.8 88.2

76 36.8 25.1 37.7

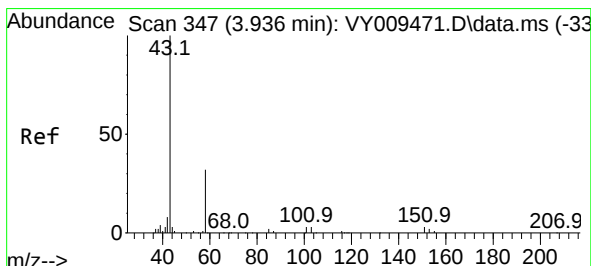
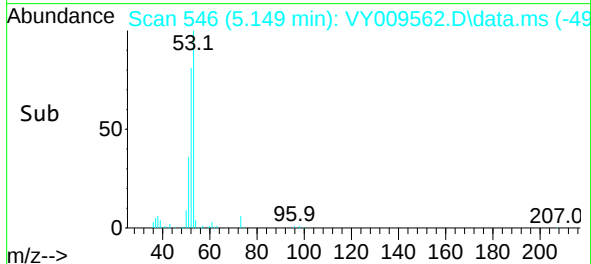
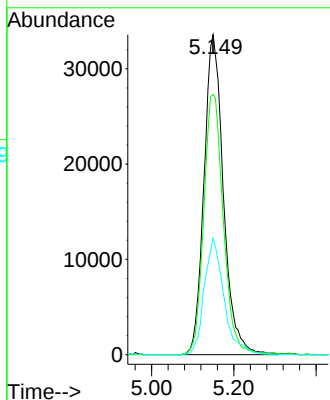
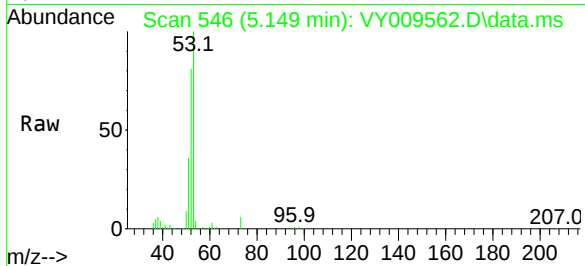




#15
Acrylonitrile
Concen: 243.273 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

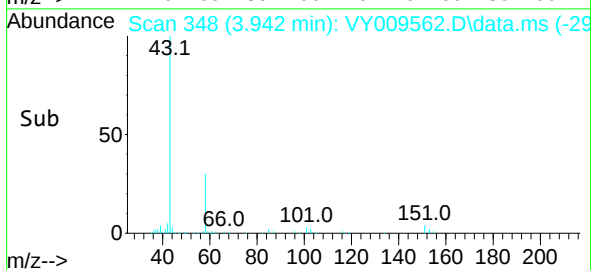
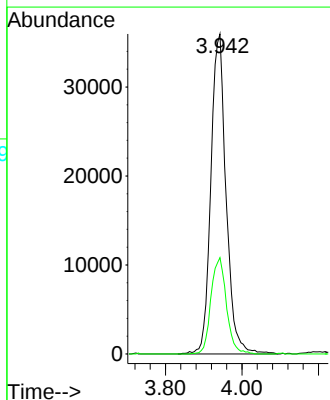
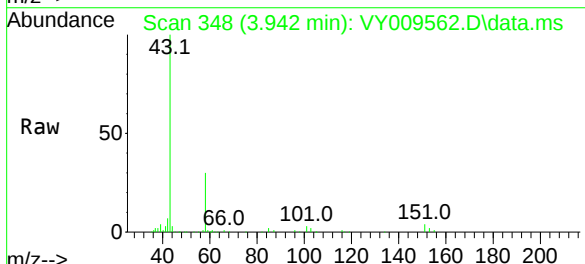
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

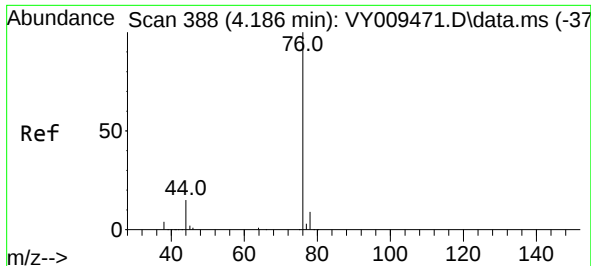
Tgt Ion: 53 Resp: 110284
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 36.9 29.8 44.6



#16
Acetone
Concen: 209.699 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 43 Resp: 99463
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

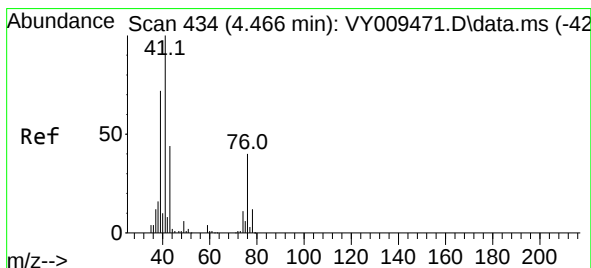
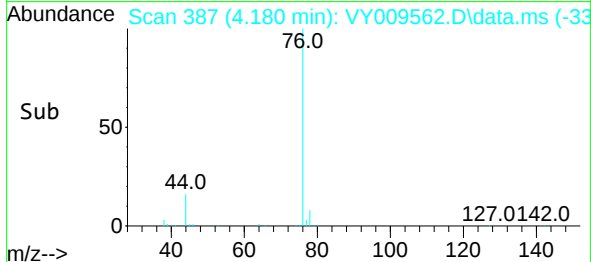
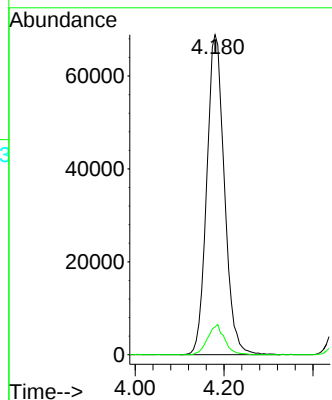
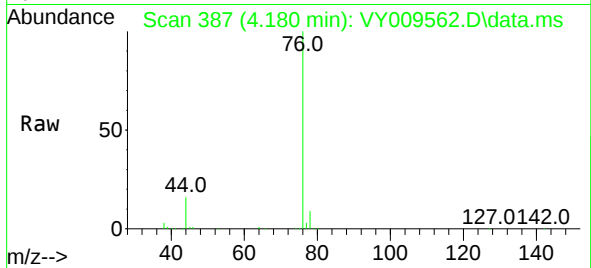




#17
Carbon Disulfide
Concen: 42.933 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

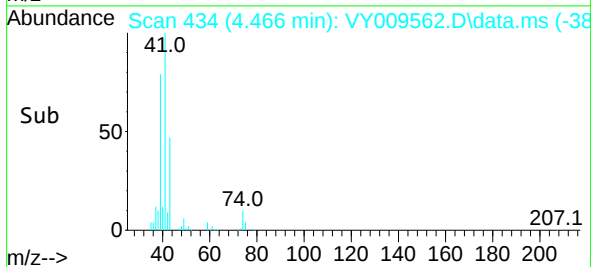
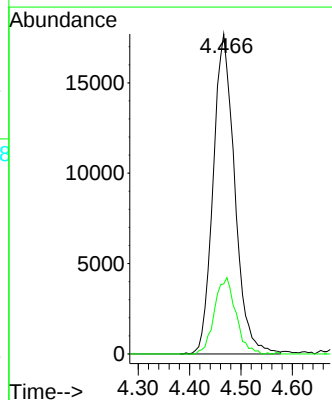
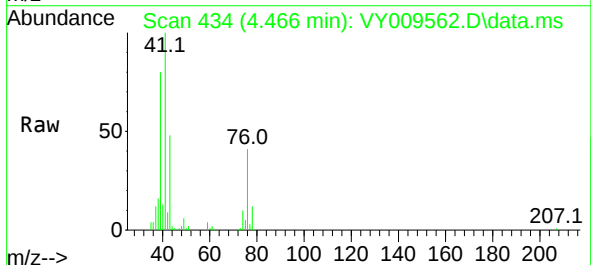
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

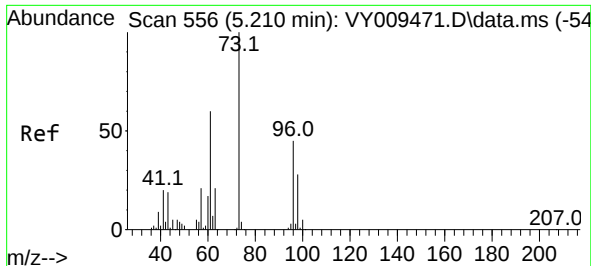
Tgt Ion: 76 Resp: 189994
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 43.645 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 43 Resp: 51570
Ion Ratio Lower Upper
43 100
74 23.6 16.6 24.8

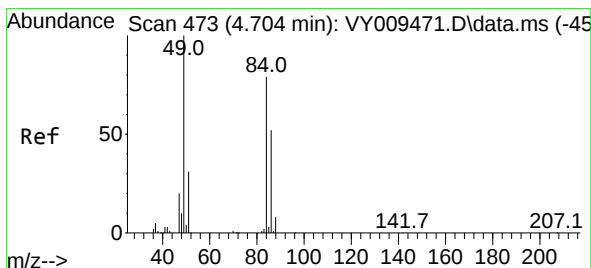
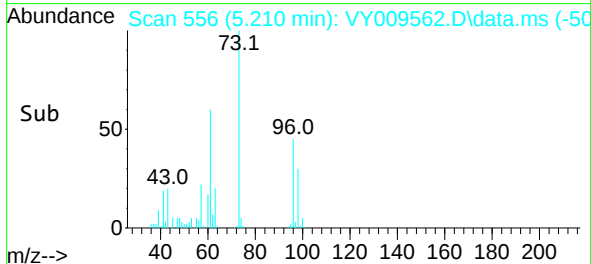
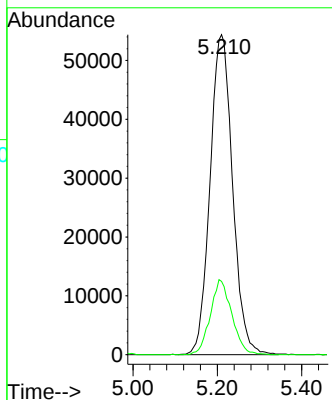
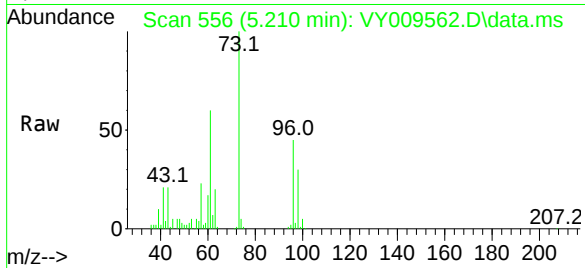




#19
Methyl tert-butyl Ether
Concen: 49.201 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

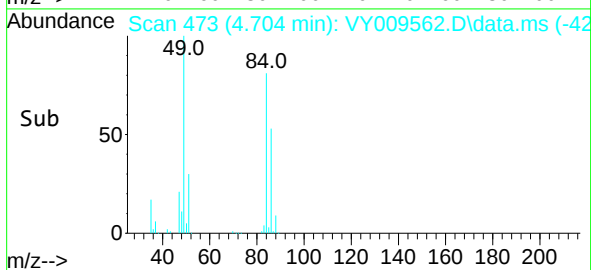
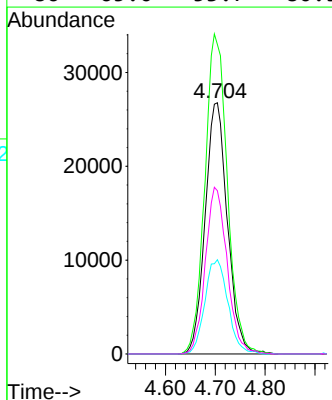
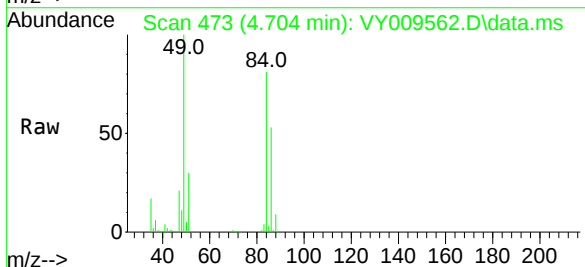
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 201524
Ion Ratio Lower Upper
73 100
57 22.9 18.6 27.8



#20
Methylene Chloride
Concen: 42.937 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 84 Resp: 83085
Ion Ratio Lower Upper
84 100
49 123.2 114.4 171.6
51 37.5 35.3 52.9
86 65.0 53.7 80.5

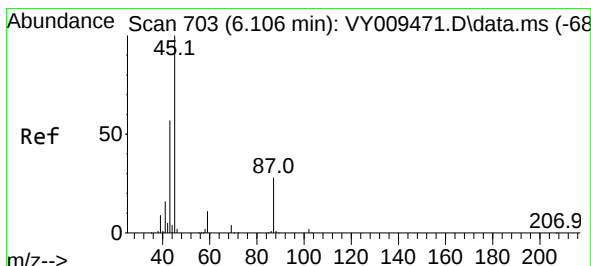
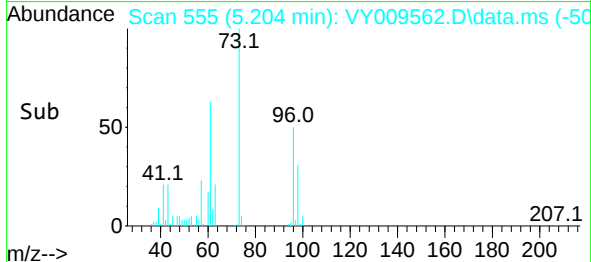
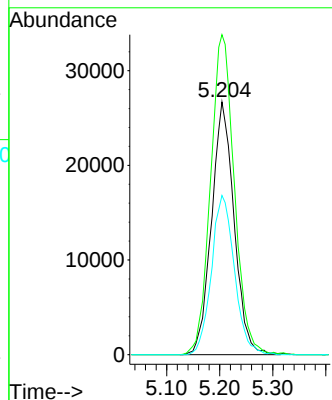
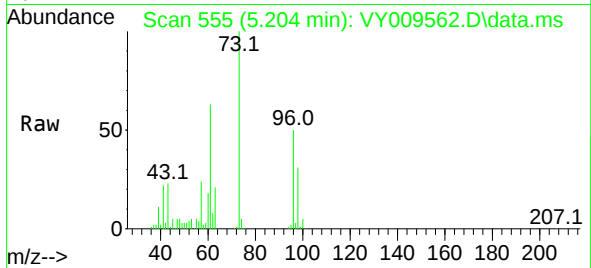




#21
trans-1,2-Dichloroethene
Concen: 49.698 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

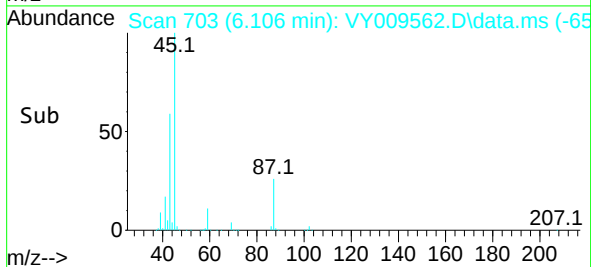
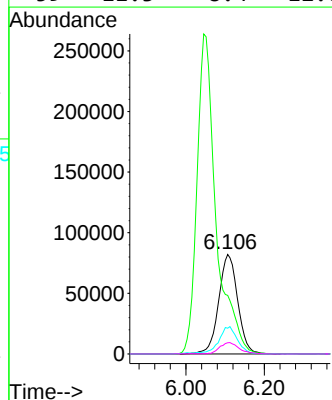
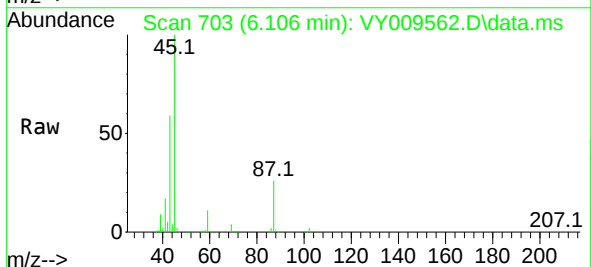
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

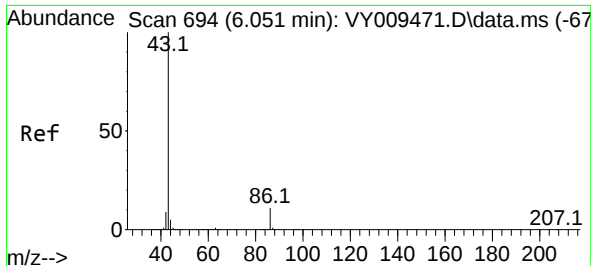
Tgt Ion: 96 Resp: 78804
Ion Ratio Lower Upper
96 100
61 126.6 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 54.901 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 45 Resp: 277042
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 26.0 19.2 28.8
59 11.3 8.4 12.6

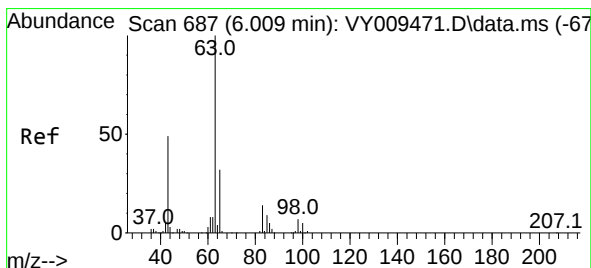
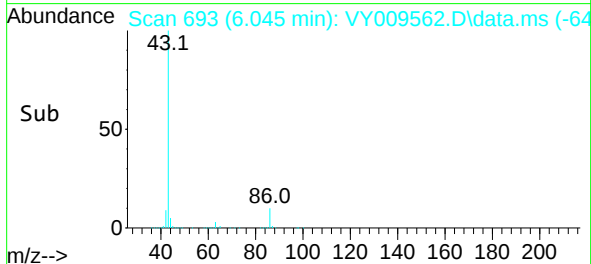
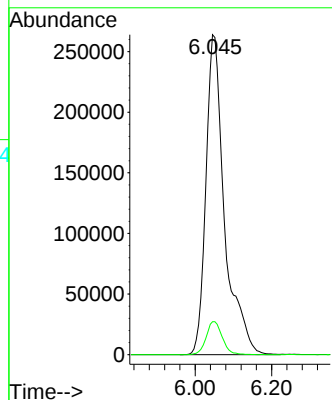
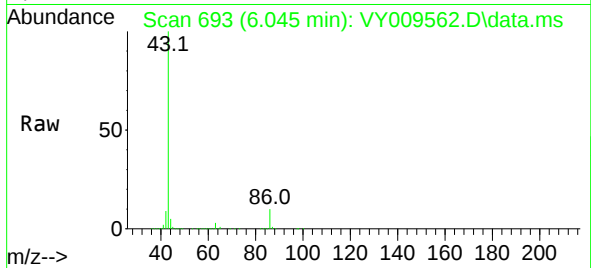




#23
 Vinyl Acetate
 Concen: 259.462 ug/l
 RT: 6.045 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY009562.D
 Acq: 14 Jul 2022 11:54

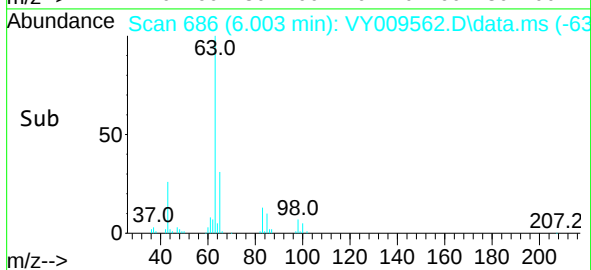
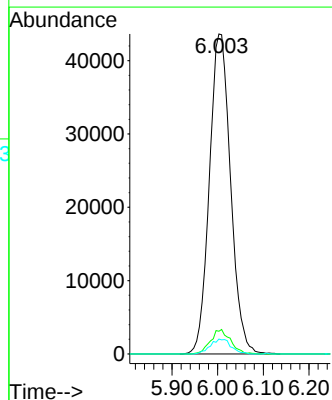
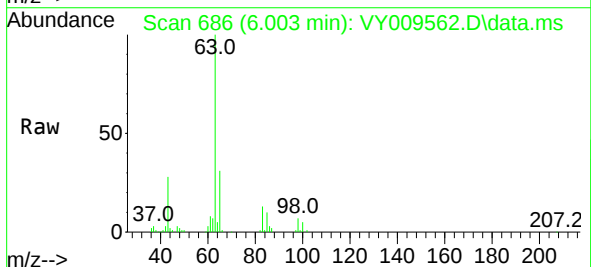
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

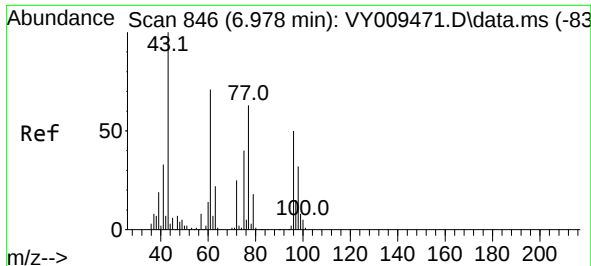
Tgt Ion: 43 Resp: 892562
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 50.337 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY009562.D
 Acq: 14 Jul 2022 11:54

Tgt Ion: 63 Resp: 140517
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.7 2.0 5.8

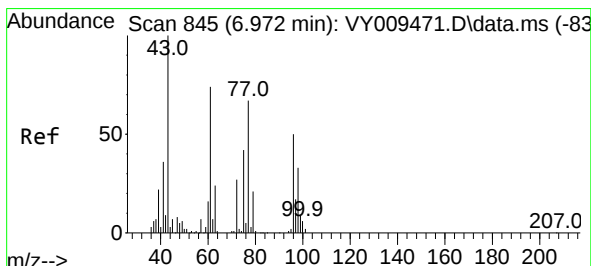
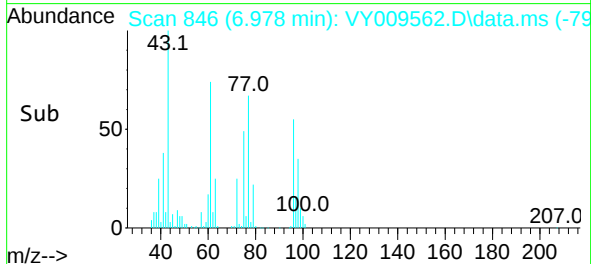
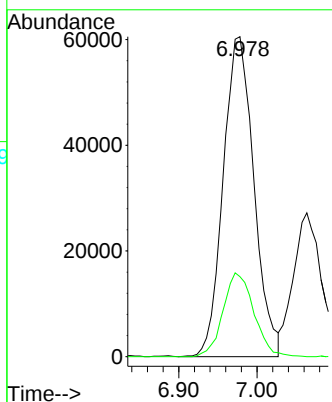
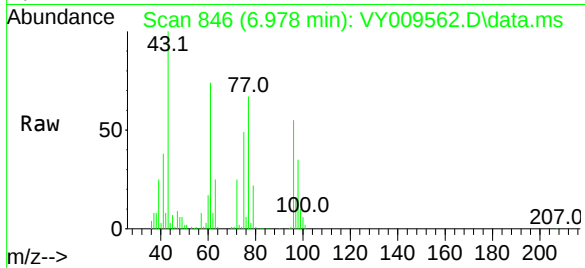




#25
2-Butanone
Concen: 253.787 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

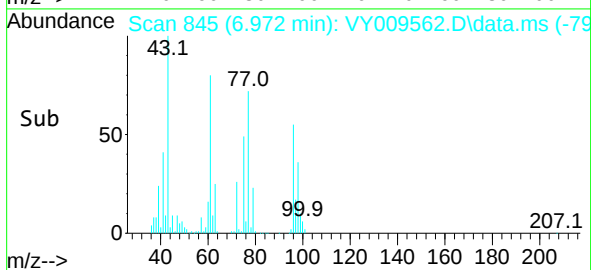
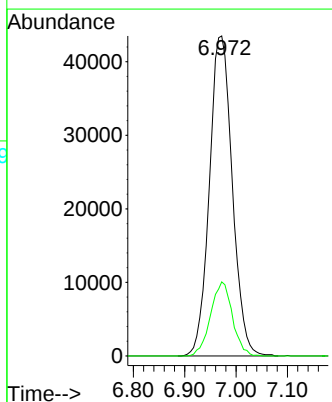
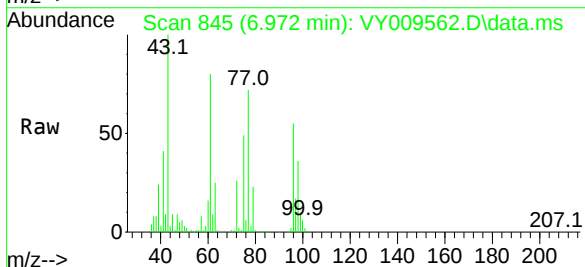
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

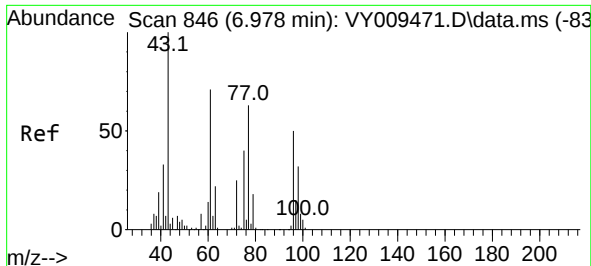
Tgt Ion: 43 Resp: 165215
Ion Ratio Lower Upper
43 100
72 25.0 17.7 26.5



#26
2,2-Dichloropropane
Concen: 48.924 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 77 Resp: 134604
Ion Ratio Lower Upper
77 100
97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.094 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

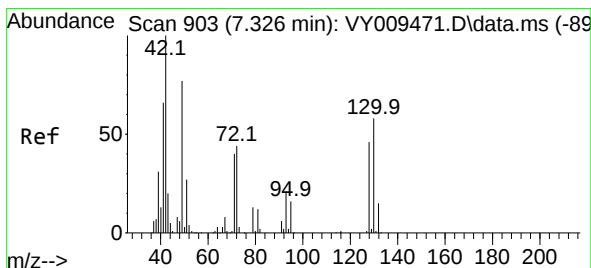
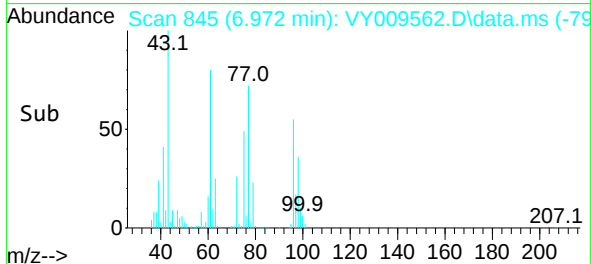
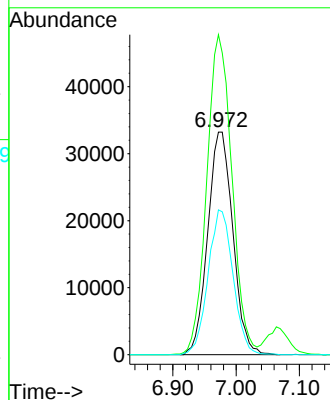
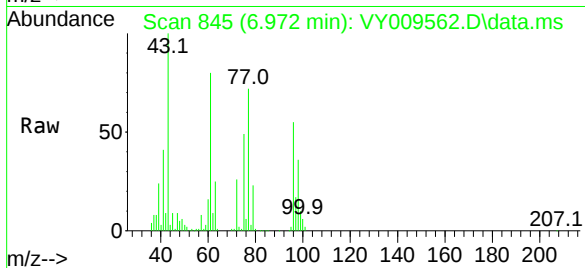
Tgt Ion: 96 Resp: 91648

Ion Ratio Lower Upper

96 100

61 144.1 0.0 319.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 50.997 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

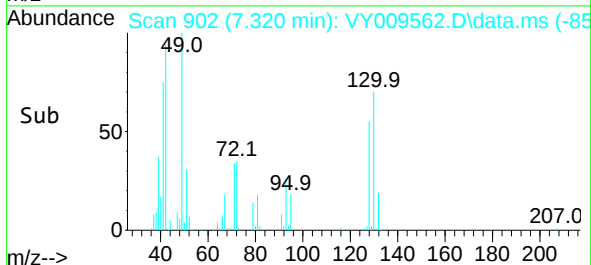
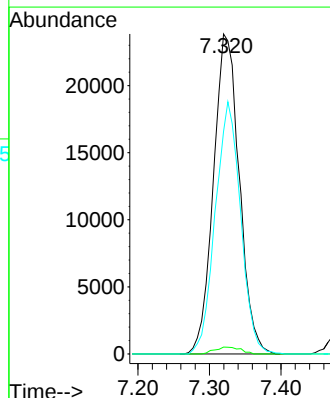
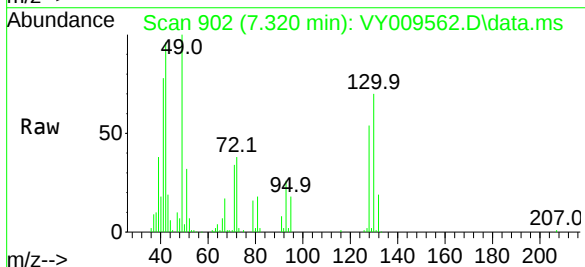
Tgt Ion: 49 Resp: 59834

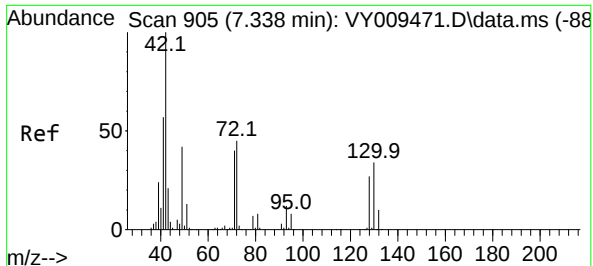
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 77.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 253.853 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

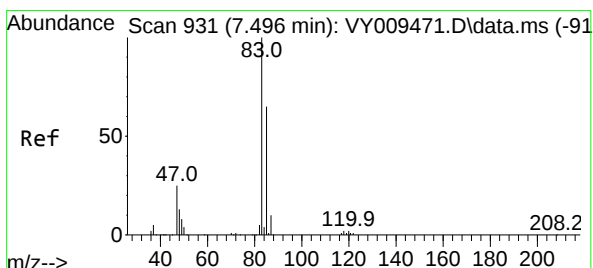
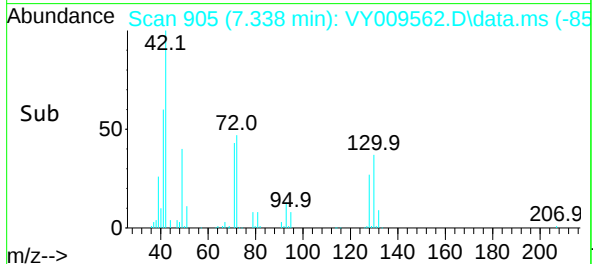
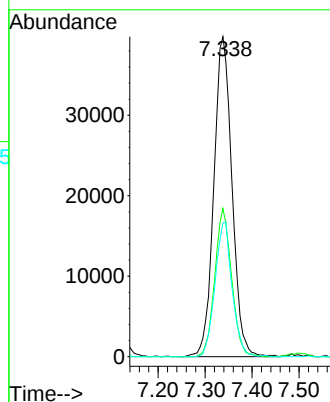
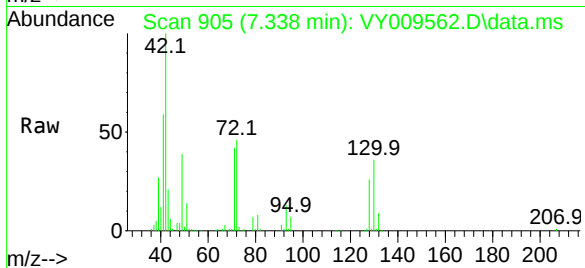
Tgt Ion: 42 Resp: 106888

Ion Ratio Lower Upper

42 100

72 42.8 30.3 45.5

71 39.4 29.0 43.4



#30

Chloroform

Concen: 48.383 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009562.D

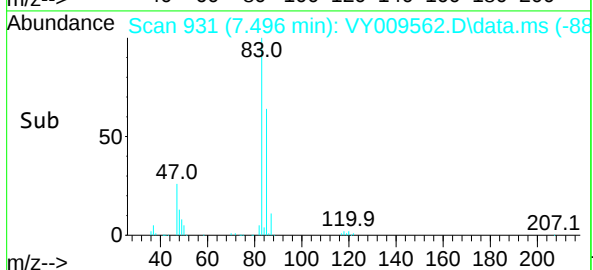
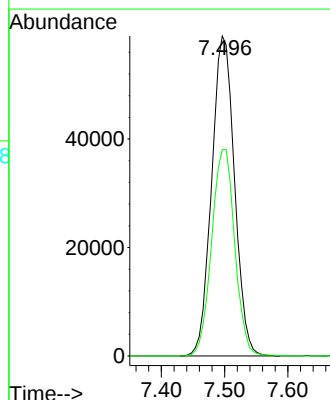
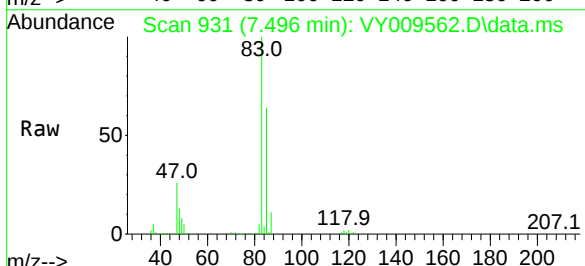
Acq: 14 Jul 2022 11:54

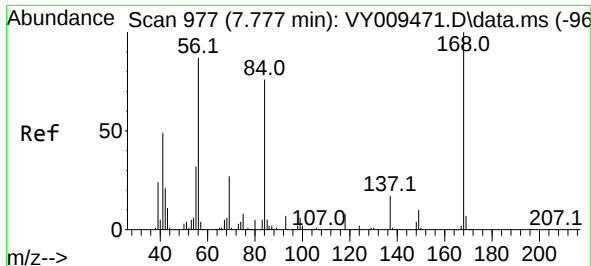
Tgt Ion: 83 Resp: 147819

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

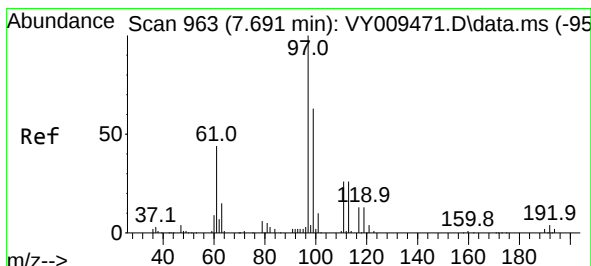
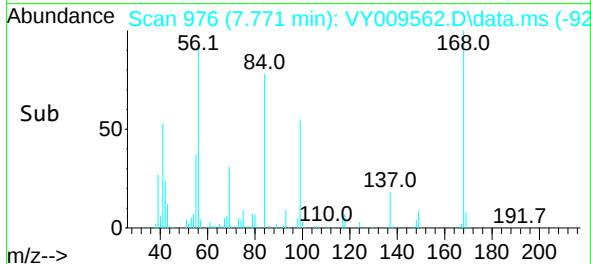
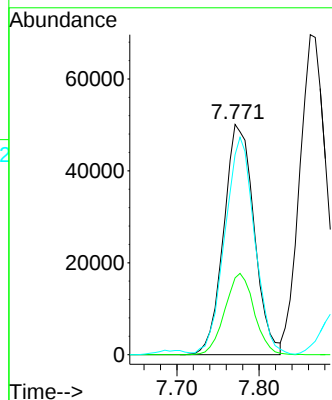
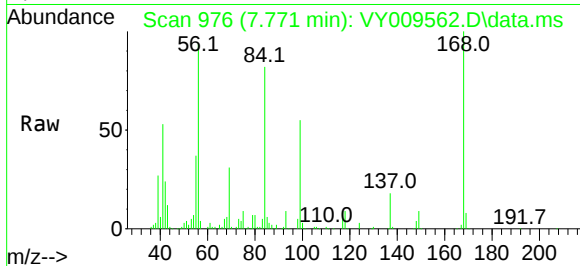




#31
Cyclohexane
Concen: 47.481 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

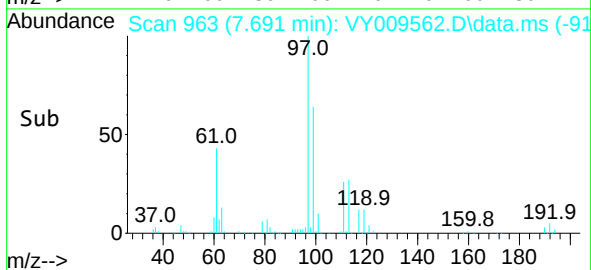
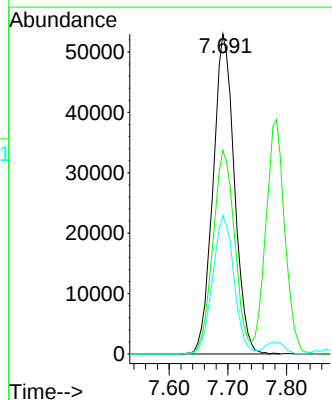
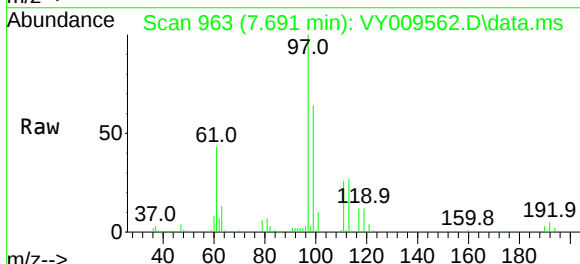
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

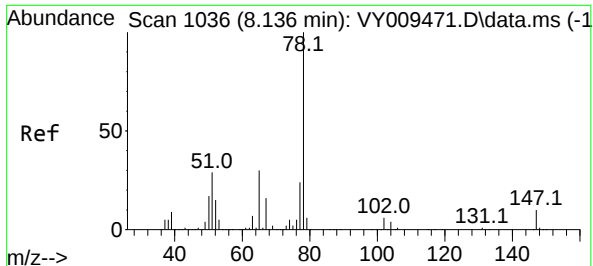
Tgt Ion: 56 Resp: 128866
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 85.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.637 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 97 Resp: 133701
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 43.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.621 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

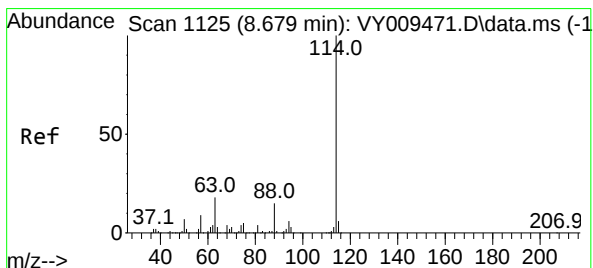
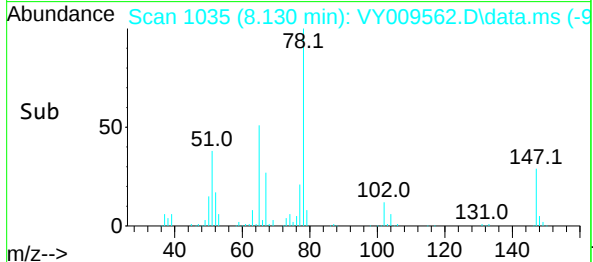
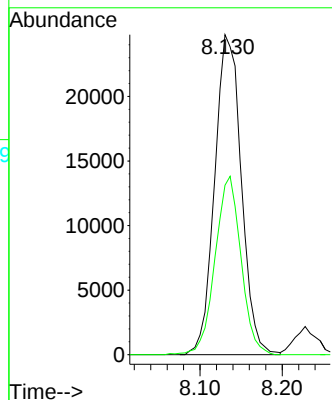
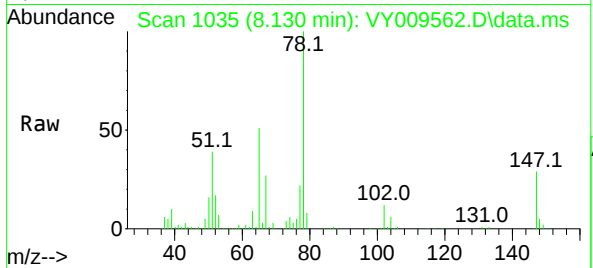
VSTDCCC050

Tgt Ion: 65 Resp: 55852

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

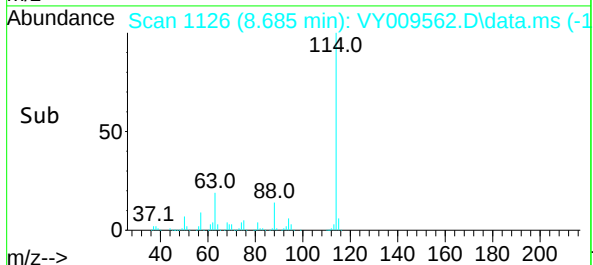
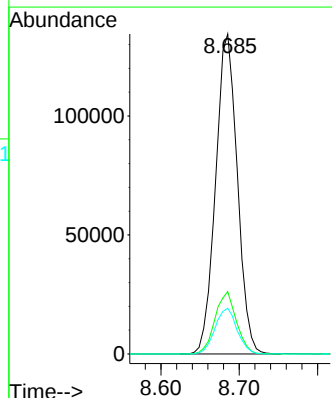
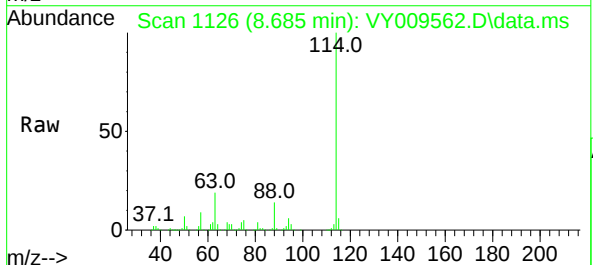
Tgt Ion: 114 Resp: 259093

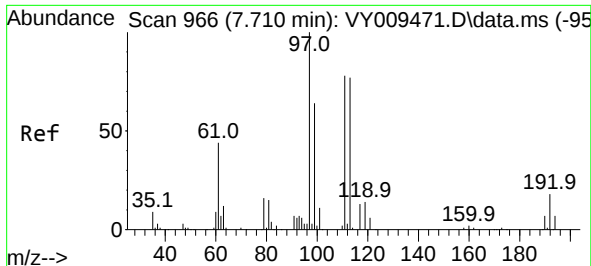
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.3 0.0 31.8

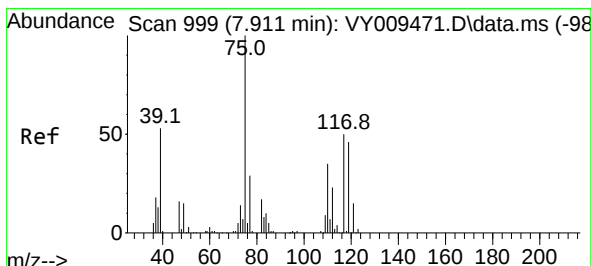
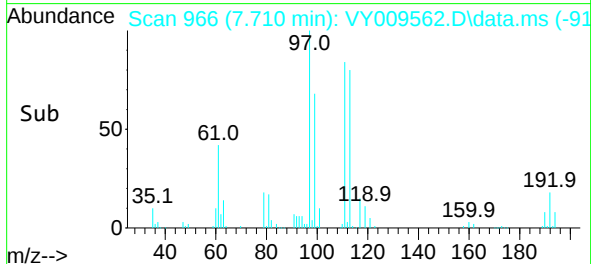
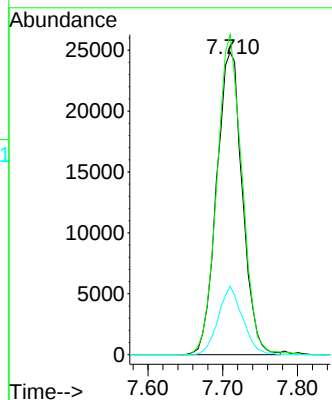
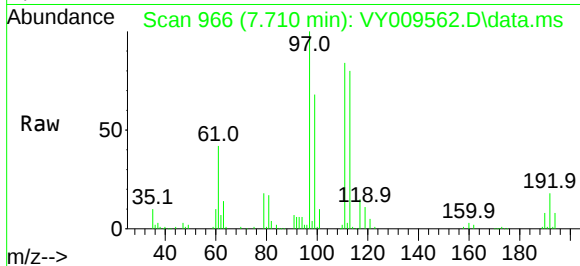




#35
Dibromofluoromethane
Concen: 43.676 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

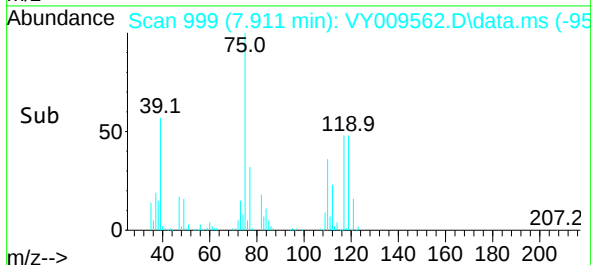
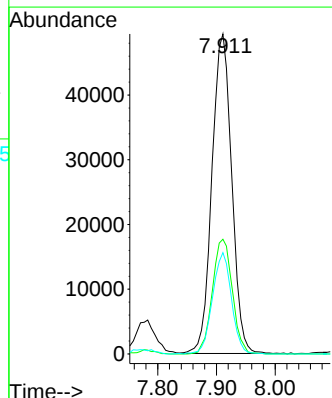
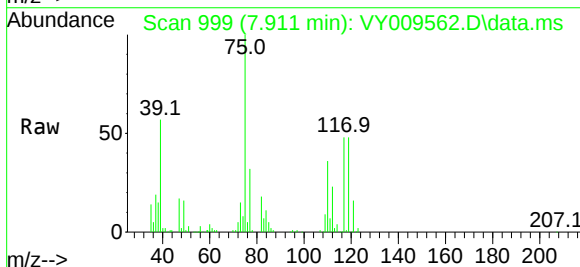
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

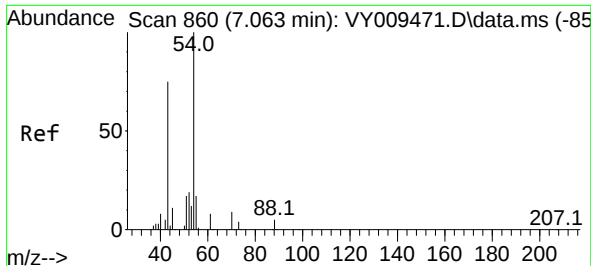
Tgt Ion:113 Resp: 59542
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.984 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 75 Resp: 115377
Ion Ratio Lower Upper
75 100
110 36.3 17.1 51.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 49.832 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

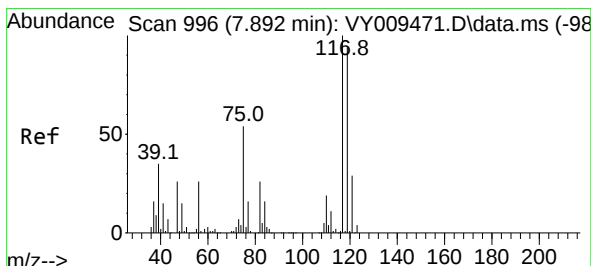
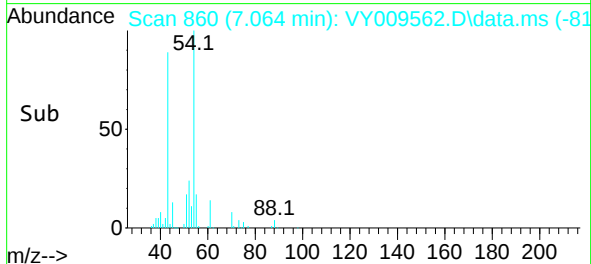
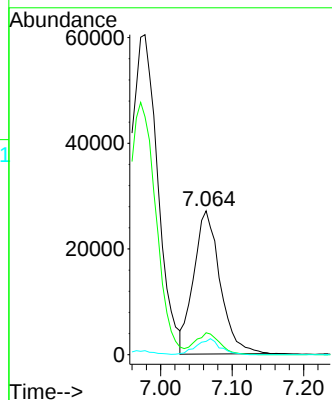
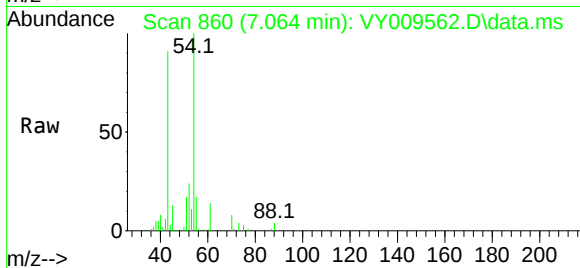
Tgt Ion: 43 Resp: 69328

Ion Ratio Lower Upper

43 100

61 14.3 9.7 14.5

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.230 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

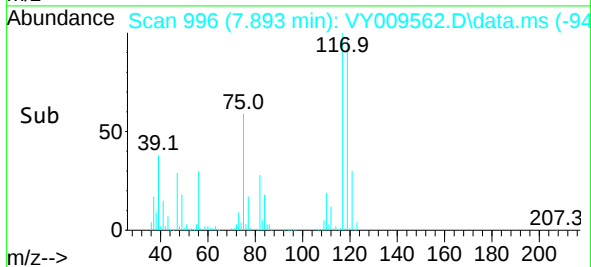
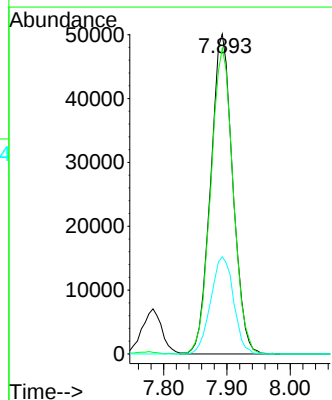
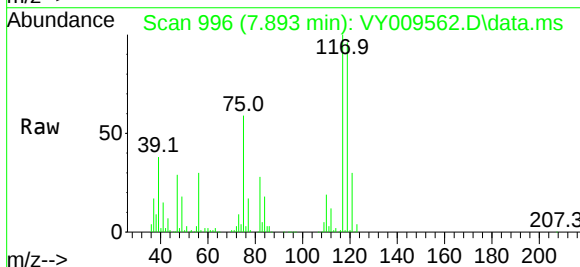
Tgt Ion: 117 Resp: 121604

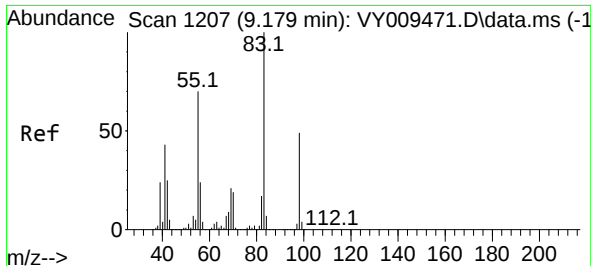
Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 52.050 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

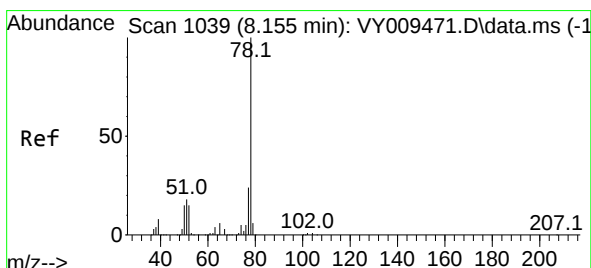
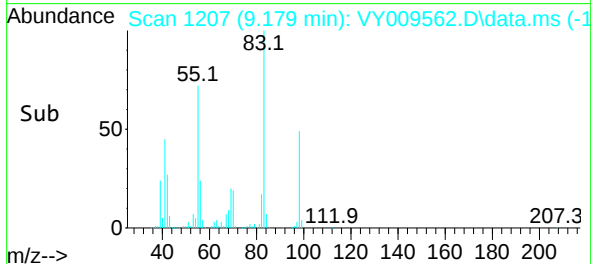
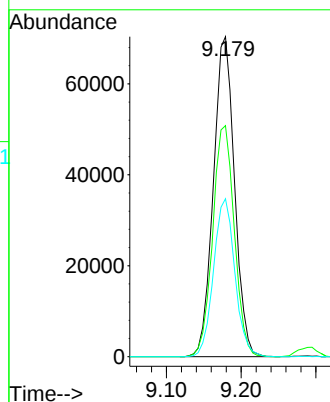
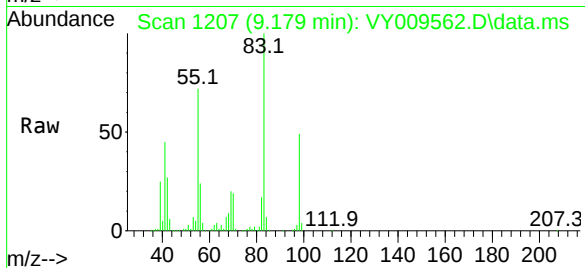
Tgt Ion: 83 Resp: 138668

Ion Ratio Lower Upper

83 100

55 72.2 66.5 99.7

98 49.4 37.9 56.9



#40

Benzene

Concen: 51.017 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009562.D

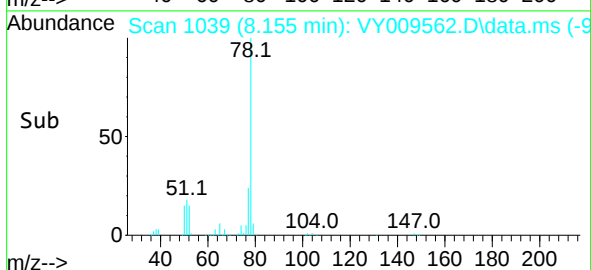
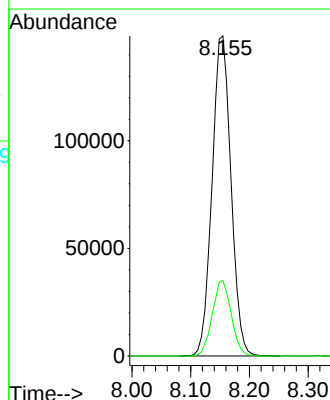
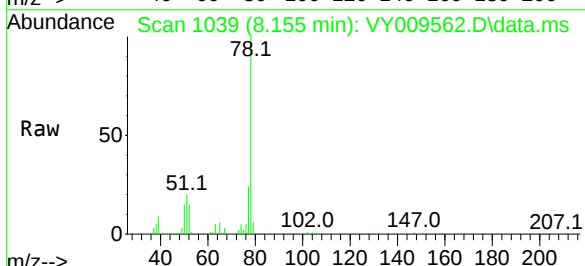
Acq: 14 Jul 2022 11:54

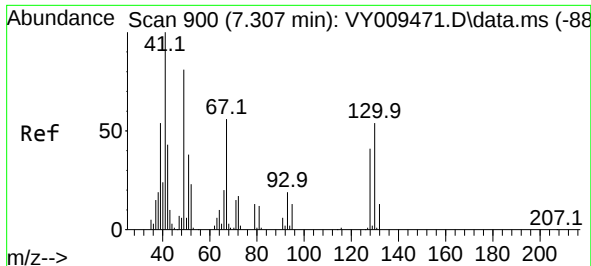
Tgt Ion: 78 Resp: 332498

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

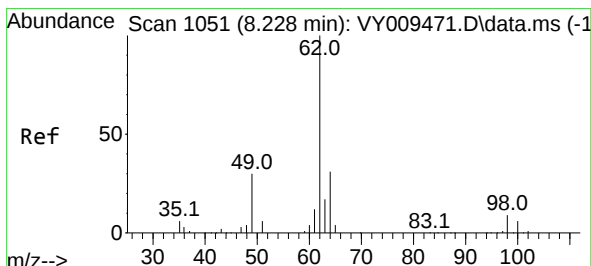
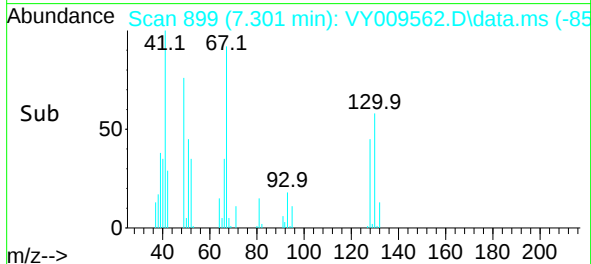
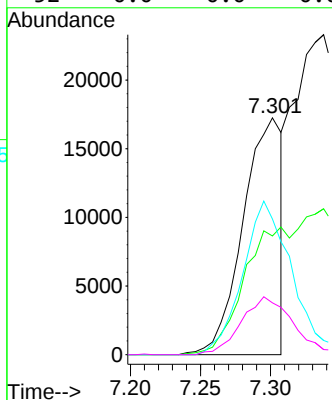
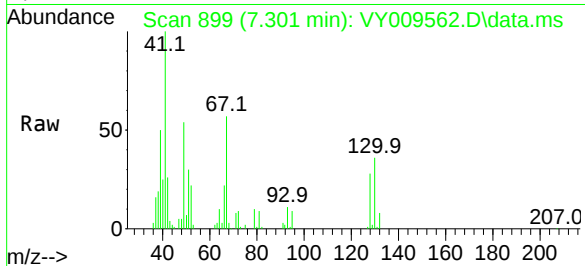




#41
Methacrylonitrile
Concen: 21.213 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

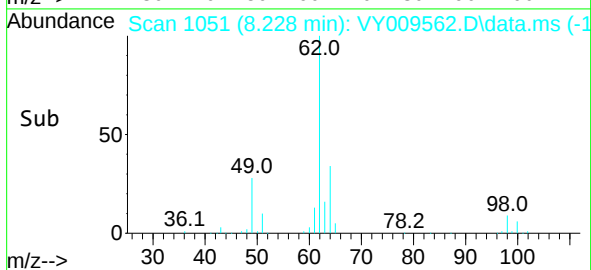
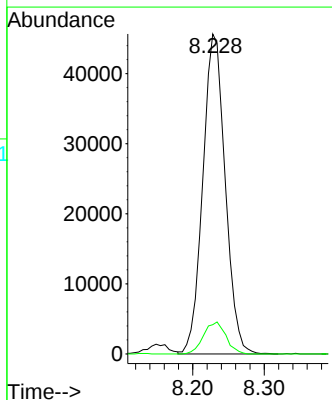
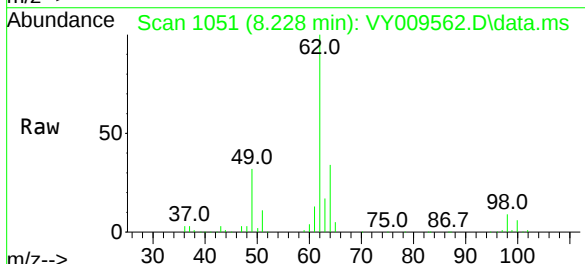
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

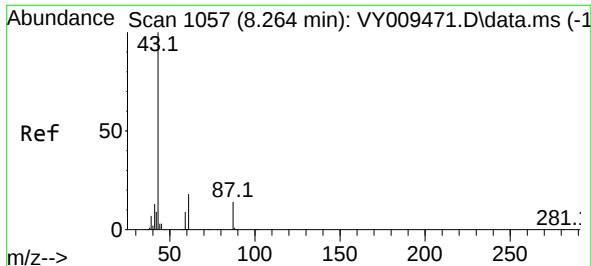
Tgt Ion: 41 Resp: 33620
Ion Ratio Lower Upper
41 100
39 144.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.784 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 62 Resp: 99366
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

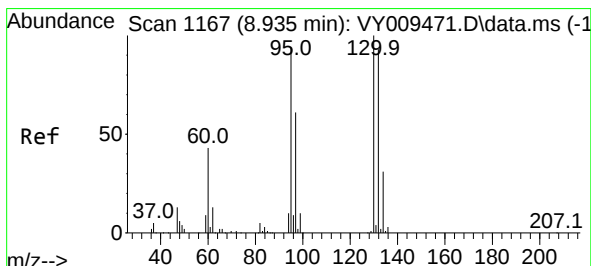
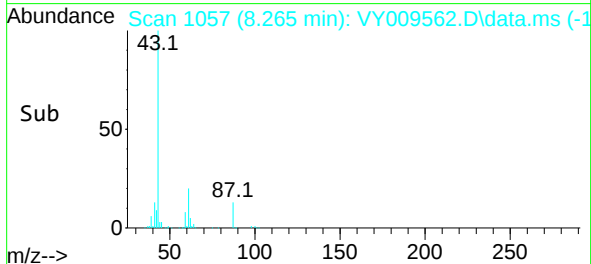
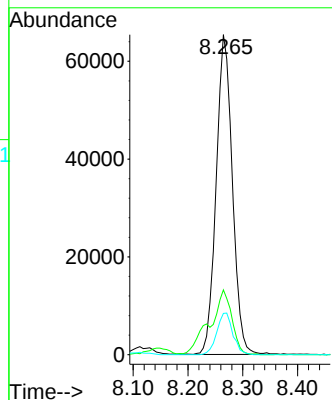
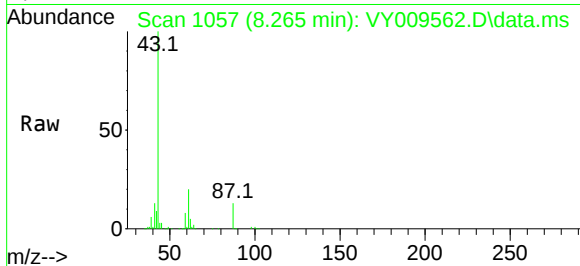




#43
Isopropyl Acetate
Concen: 51.769 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

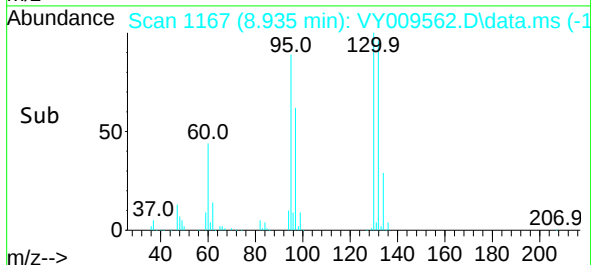
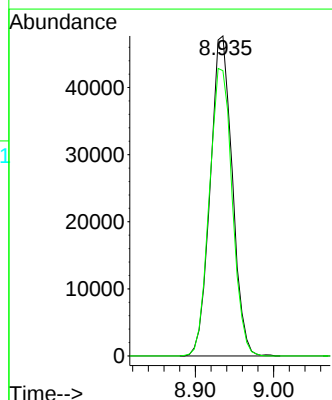
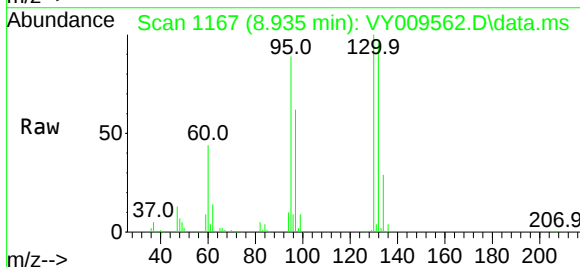
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

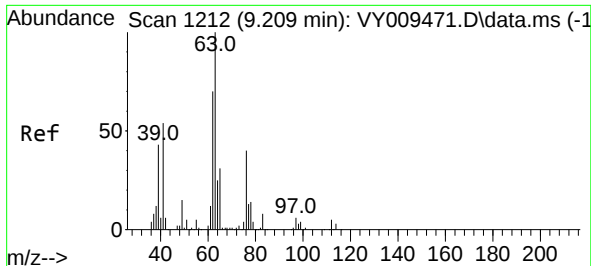
Tgt Ion: 43 Resp: 134383
Ion Ratio Lower Upper
43 100
61 27.7 20.2 30.2
87 12.9 8.9 13.3



#44
Trichloroethene
Concen: 50.554 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 130 Resp: 93076
Ion Ratio Lower Upper
130 100
95 89.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.691 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

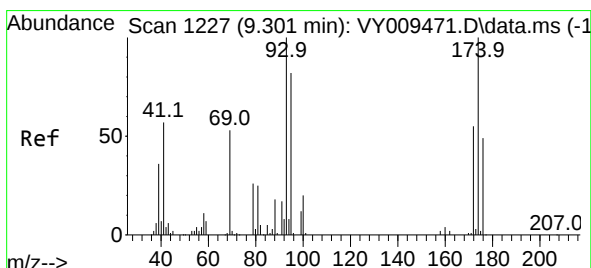
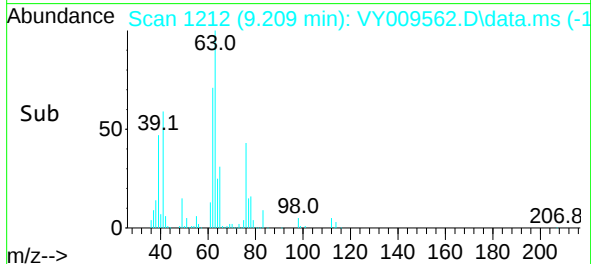
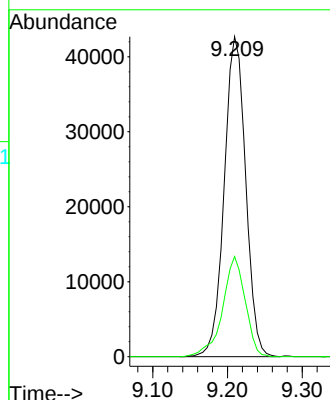
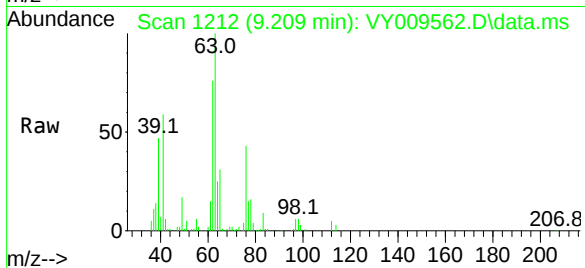
VSTDCCC050

Tgt Ion: 63 Resp: 85257

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 52.082 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

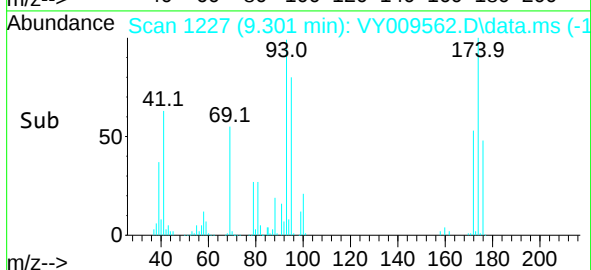
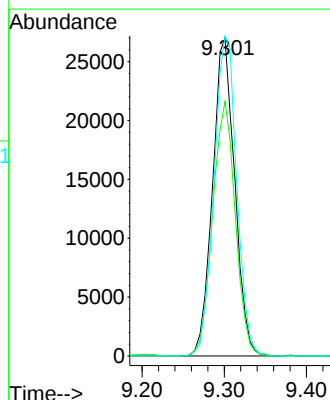
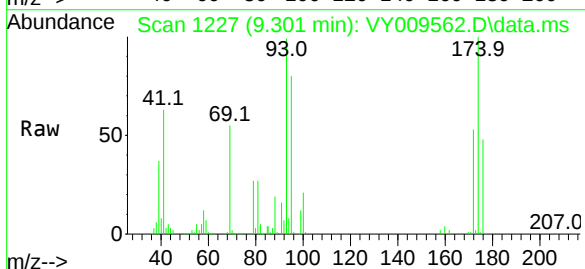
Tgt Ion: 93 Resp: 50418

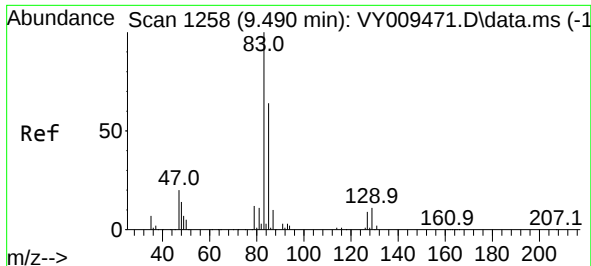
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 103.2 83.4 125.0

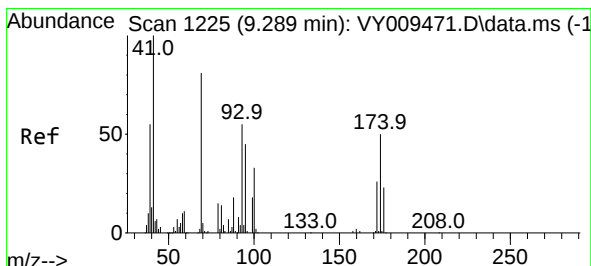
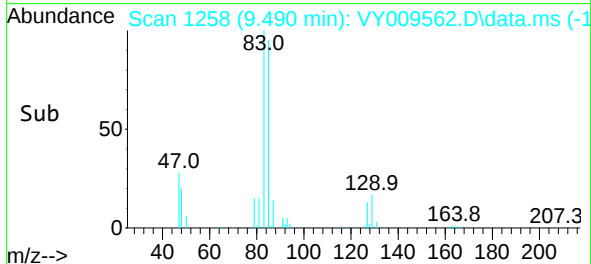
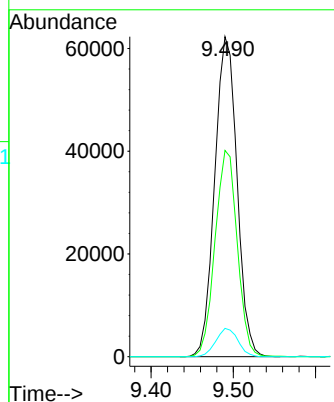
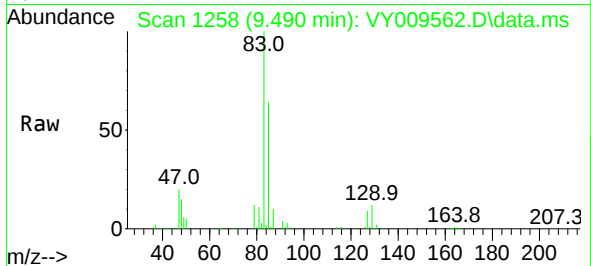




#47
Bromodichloromethane
Concen: 51.029 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

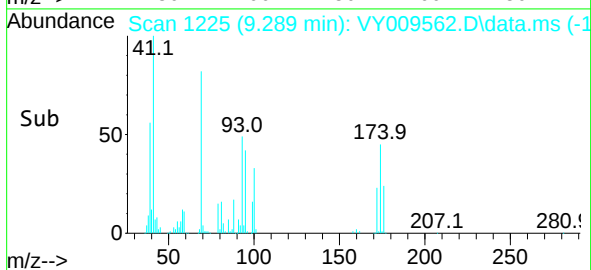
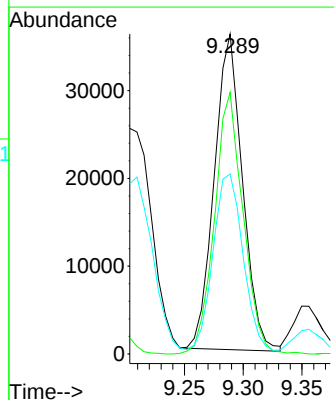
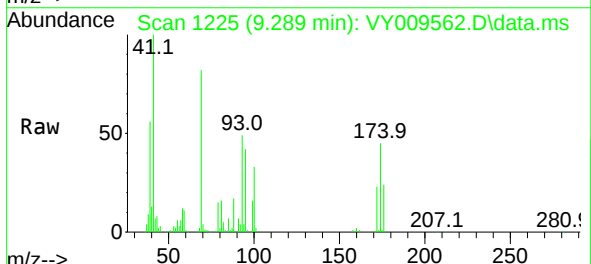
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

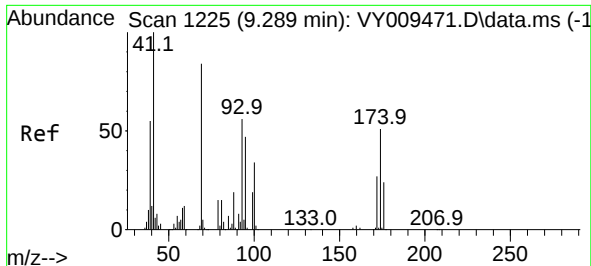
Tgt Ion: 83 Resp: 117576
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 53.695 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 41 Resp: 60053
Ion Ratio Lower Upper
41 100
69 83.7 58.2 87.2
39 59.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1029.386 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

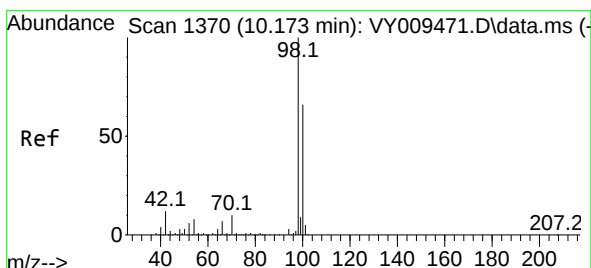
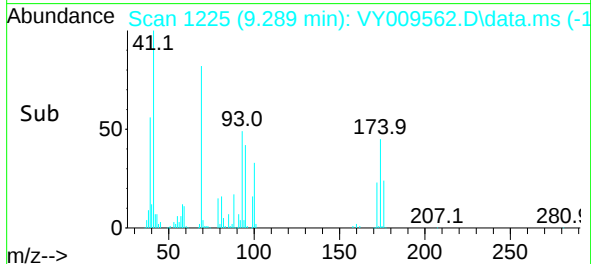
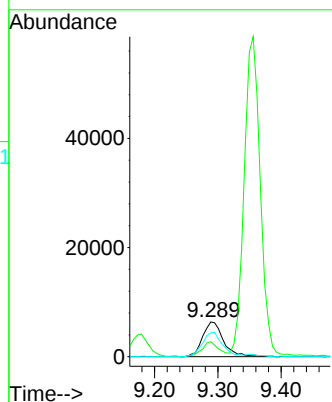
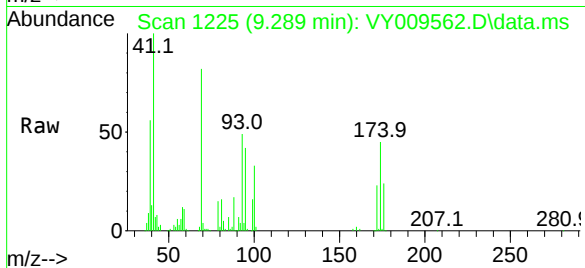
Tgt Ion: 88 Resp: 14675

Ion Ratio Lower Upper

88 100

43 34.9 32.8 49.2

58 68.5 59.8 89.6



#50

Toluene-d8

Concen: 47.544 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009562.D

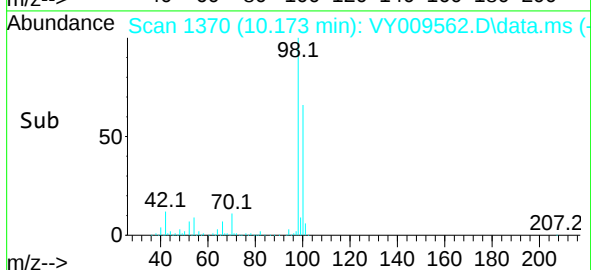
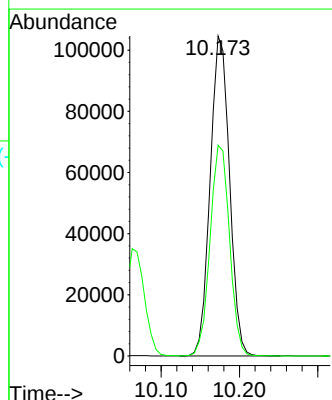
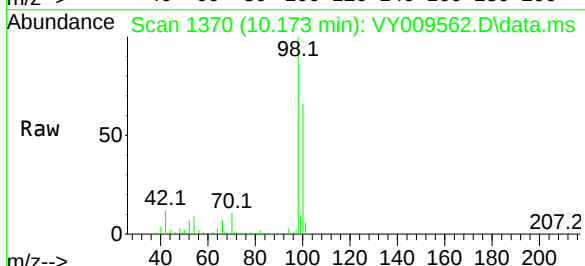
Acq: 14 Jul 2022 11:54

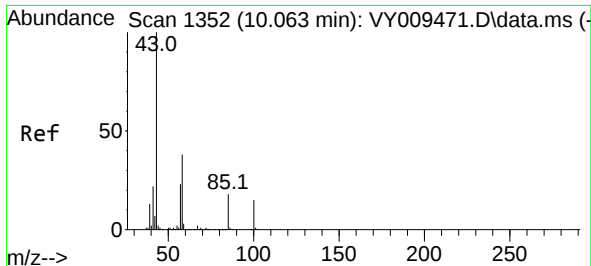
Tgt Ion: 98 Resp: 179200

Ion Ratio Lower Upper

98 100

100 66.5 50.2 75.2

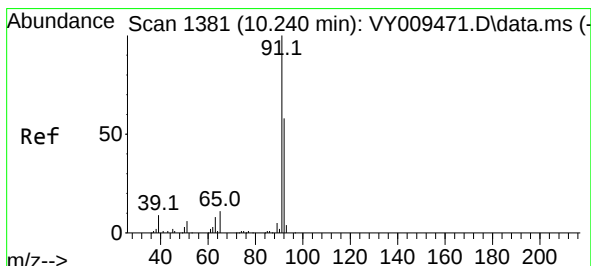
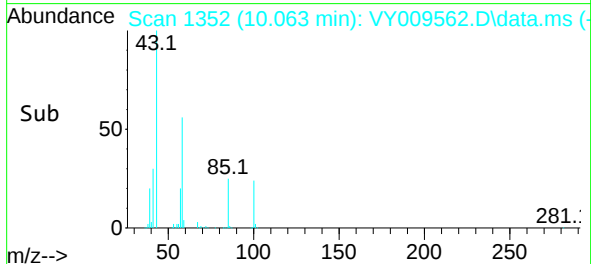
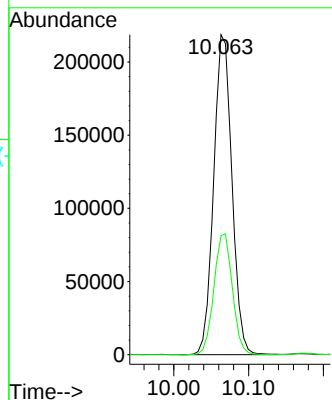
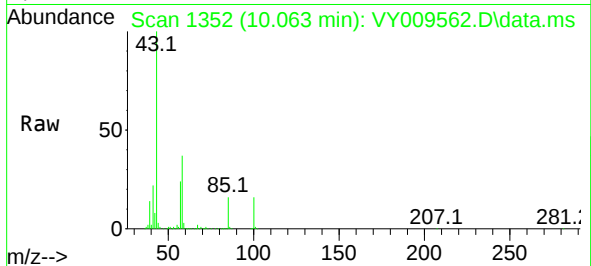




#51
4-Methyl-2-Pentanone
Concen: 272.087 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

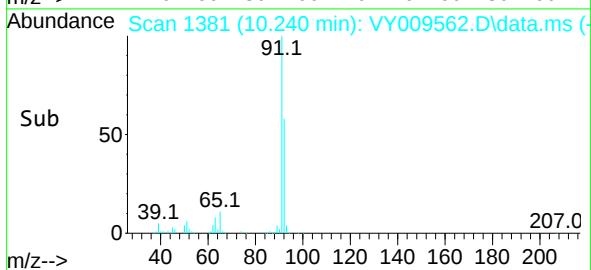
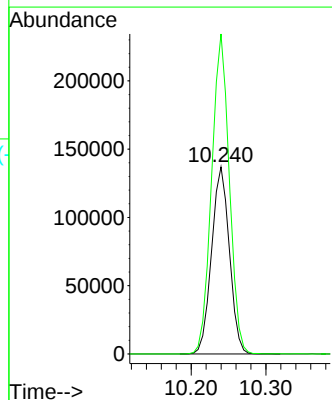
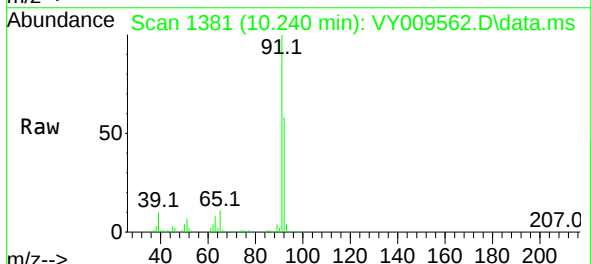
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

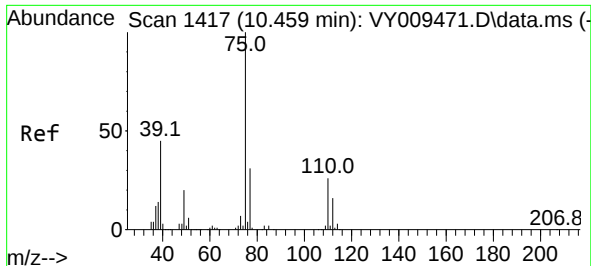
Tgt Ion: 43 Resp: 371432
Ion Ratio Lower Upper
43 100
58 38.2 28.1 42.1



#52
Toluene
Concen: 54.585 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 92 Resp: 226695
Ion Ratio Lower Upper
92 100
91 170.1 142.6 213.8

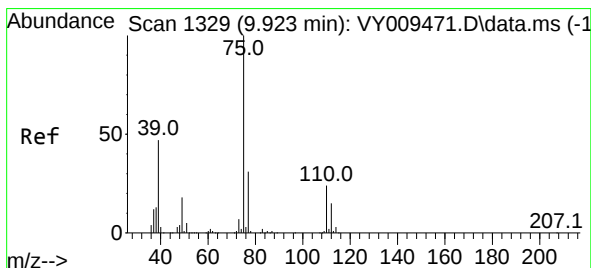
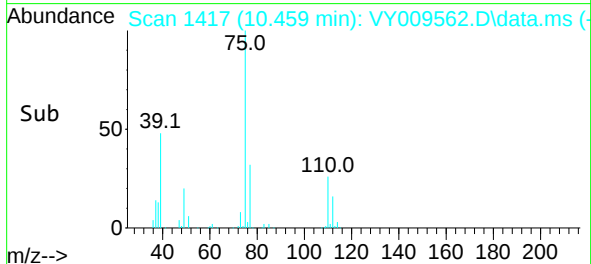
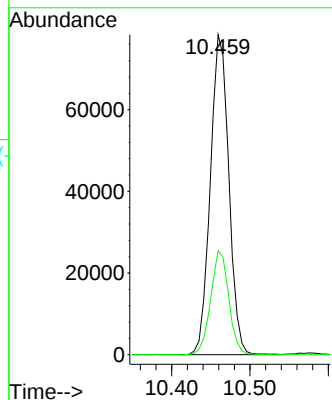
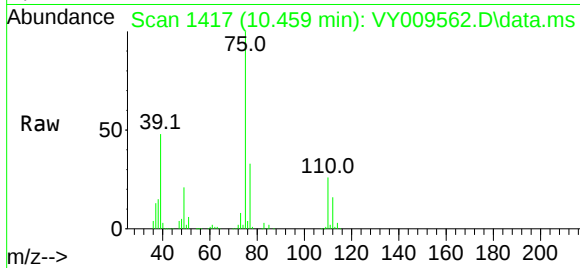




#53
t-1,3-Dichloropropene
Concen: 52.852 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

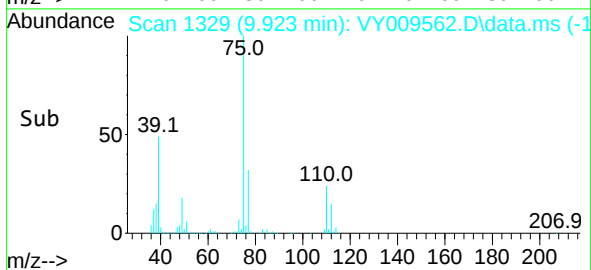
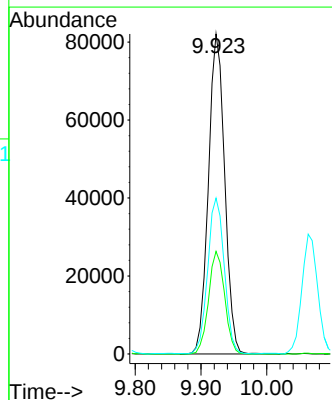
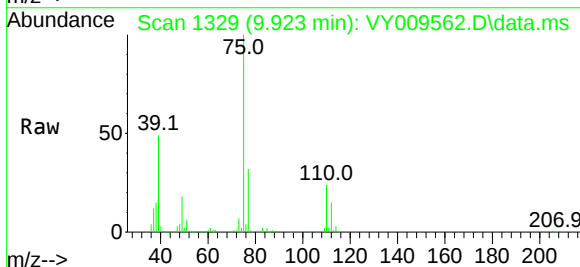
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

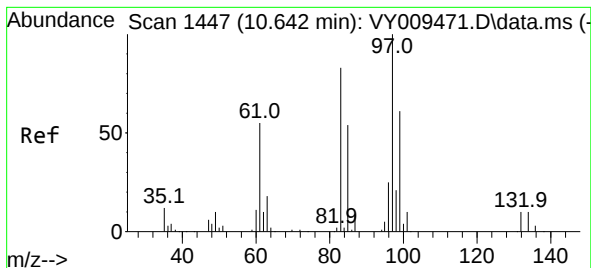
Tgt Ion: 75 Resp: 128329
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.200 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 75 Resp: 141331
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 48.6 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 50.918 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 71109

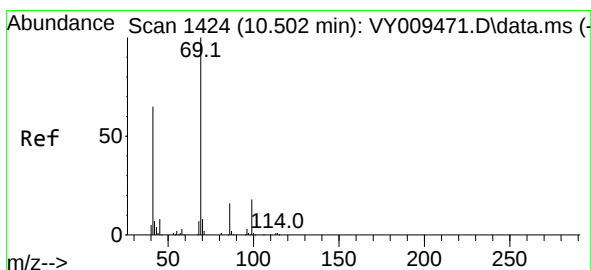
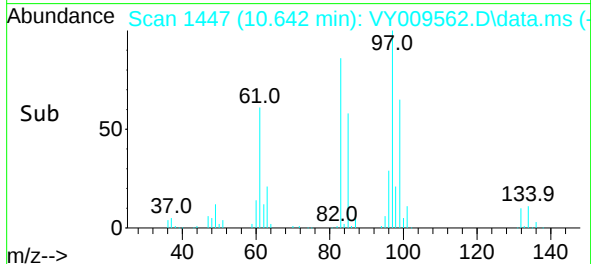
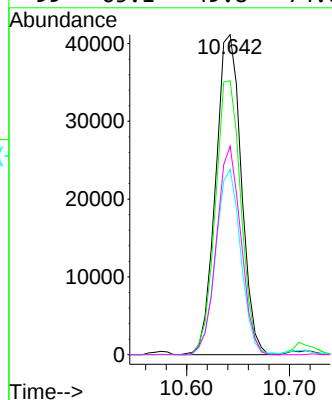
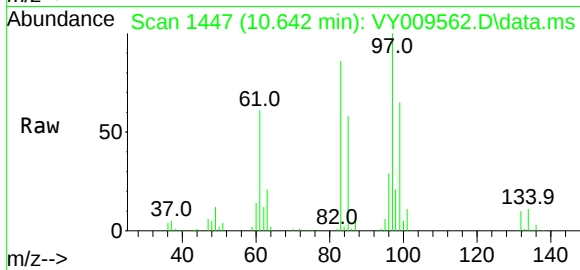
Ion Ratio Lower Upper

97 100

83 85.6 69.8 104.8

85 57.9 44.3 66.5

99 65.1 49.8 74.6



#56

Ethyl methacrylate

Concen: 55.243 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

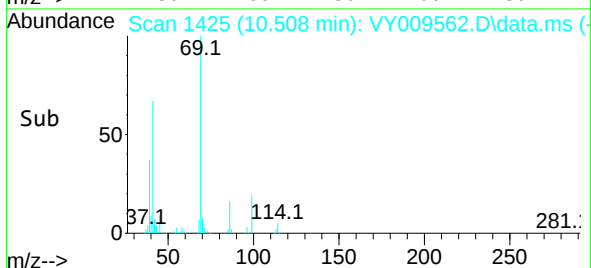
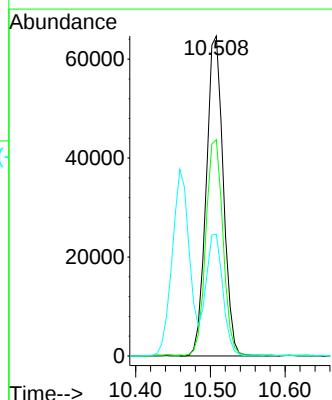
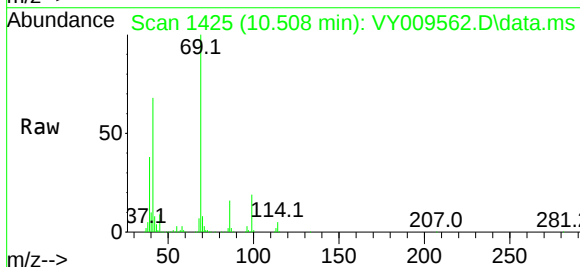
Tgt Ion: 69 Resp: 102427

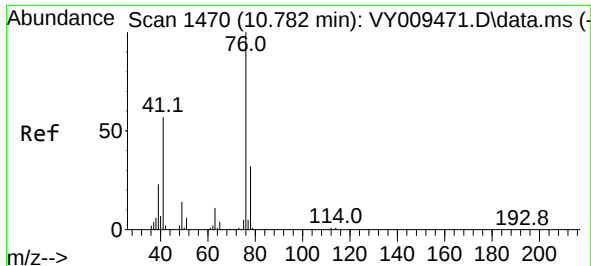
Ion Ratio Lower Upper

69 100

41 67.8 63.4 95.0

39 37.4 35.8 53.8





#57

1,3-Dichloropropane

Concen: 52.084 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

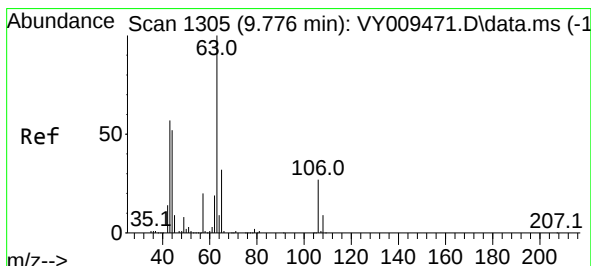
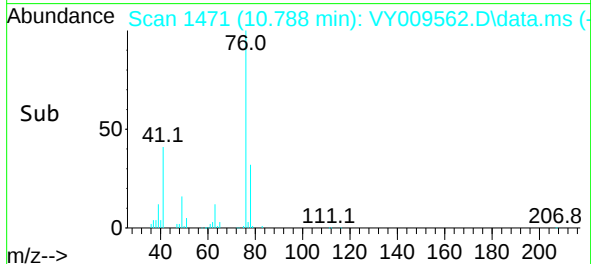
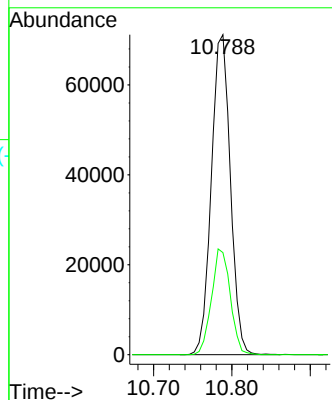
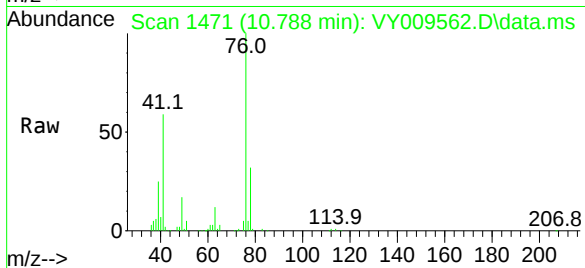
VSTDCCC050

Tgt Ion: 76 Resp: 119908

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.675 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009562.D

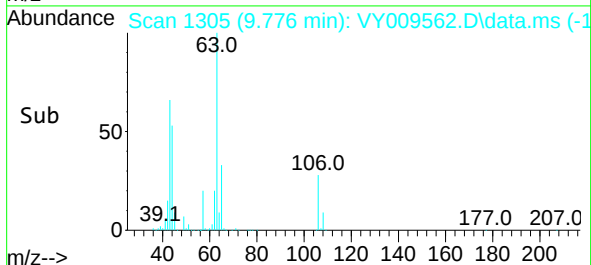
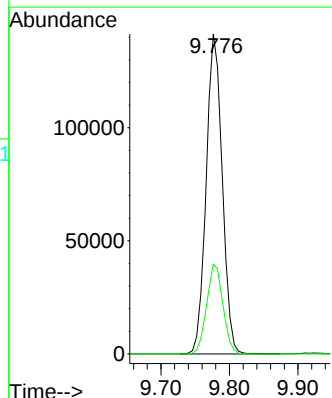
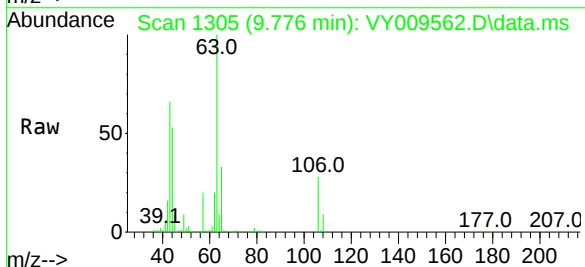
Acq: 14 Jul 2022 11:54

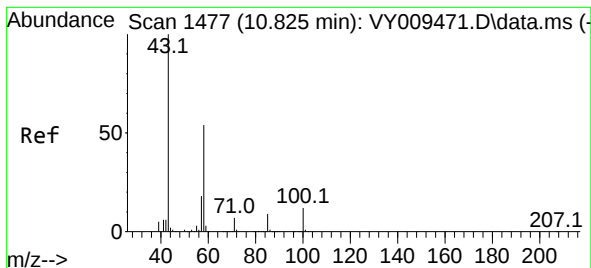
Tgt Ion: 63 Resp: 230670

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

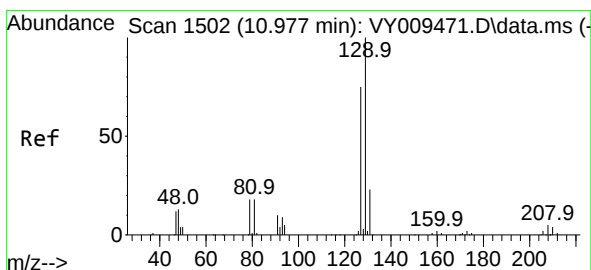
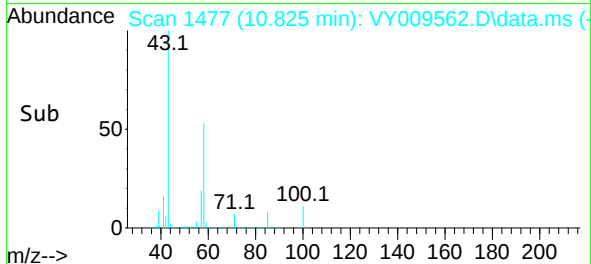
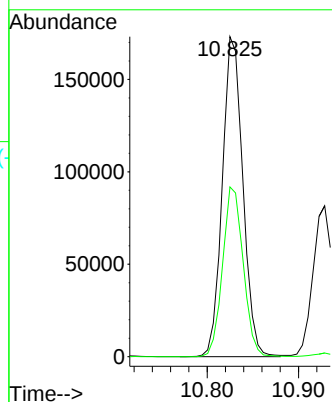
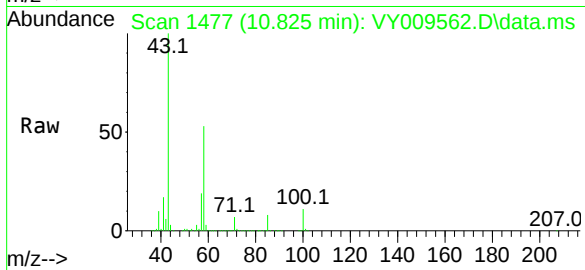




#59
2-Hexanone
Concen: 285.893 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

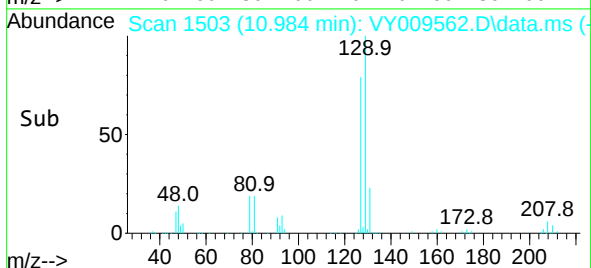
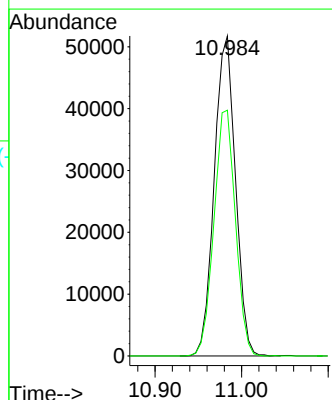
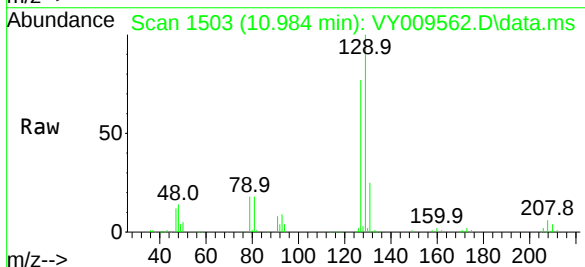
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

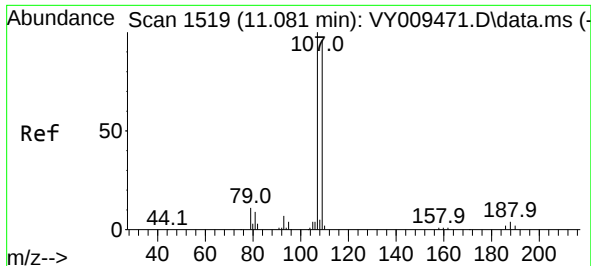
Tgt Ion: 43 Resp: 270437
Ion Ratio Lower Upper
43 100
58 53.3 24.4 73.4



#60
Dibromochloromethane
Concen: 52.008 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 129 Resp: 87953
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

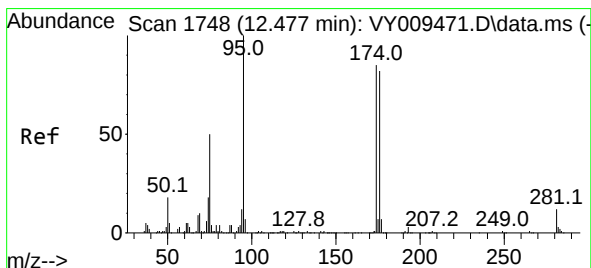
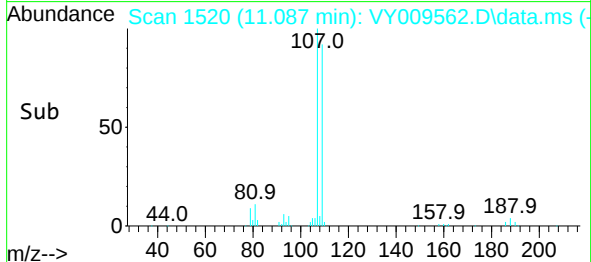
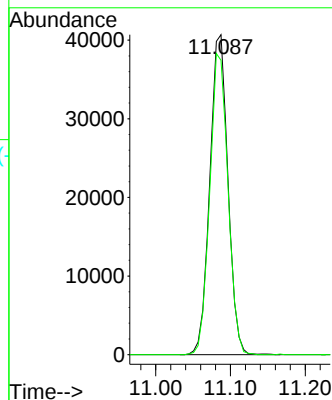
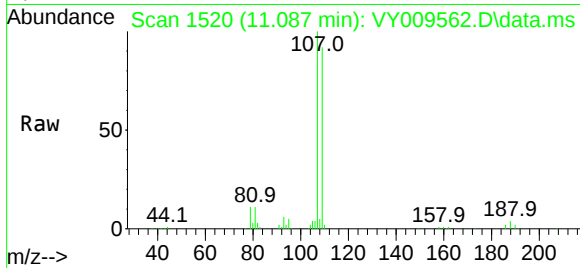




#61
1,2-Dibromoethane
Concen: 51.234 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

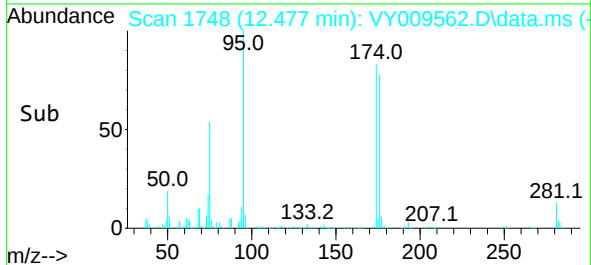
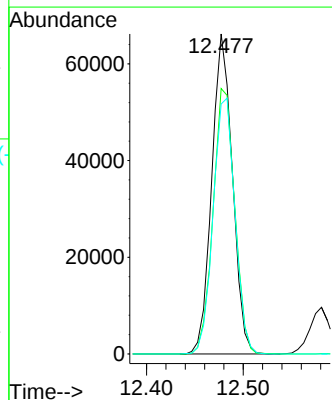
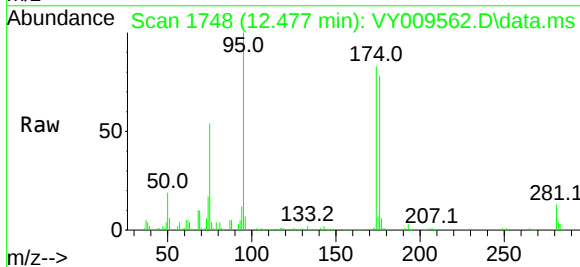
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

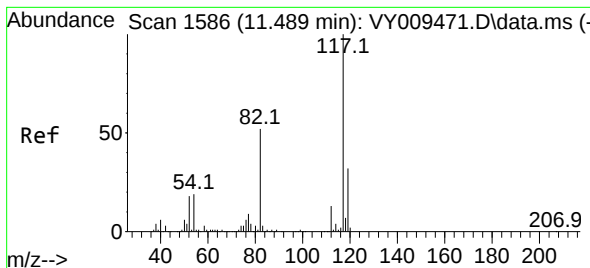
Tgt Ion:107 Resp: 68593
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 95 Resp: 98118
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.6 0.0 175.8

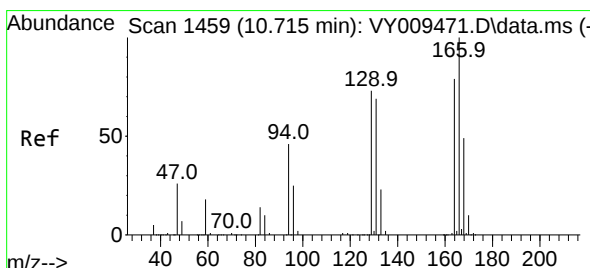
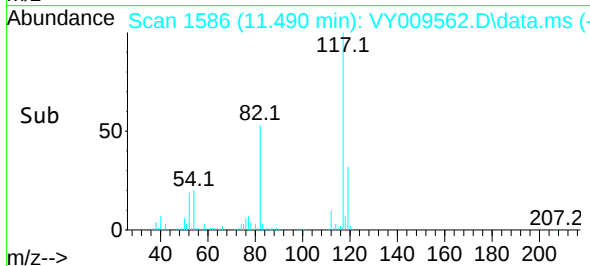
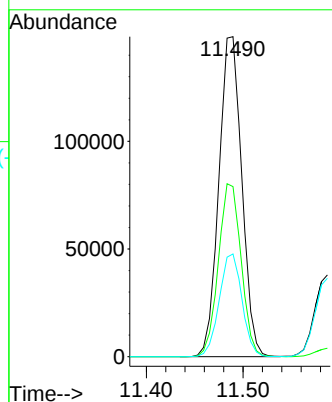
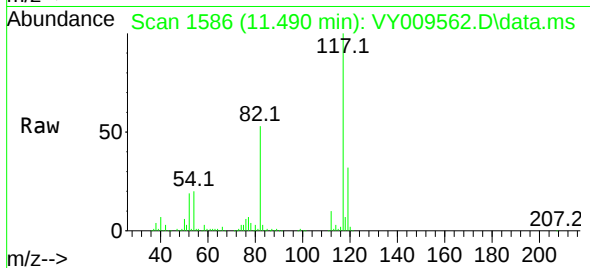




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

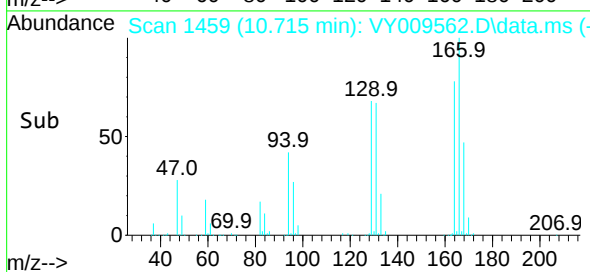
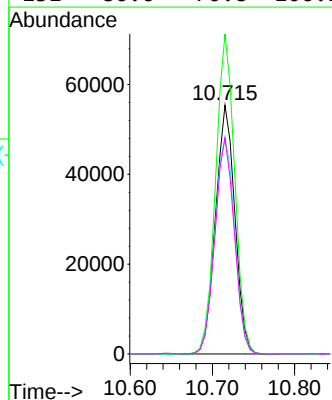
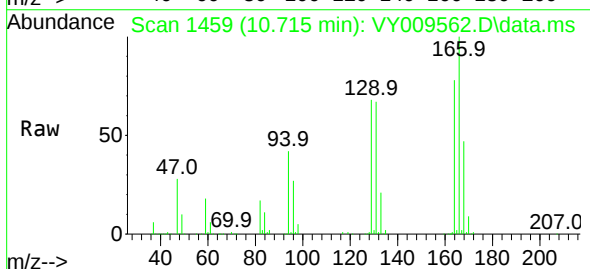
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

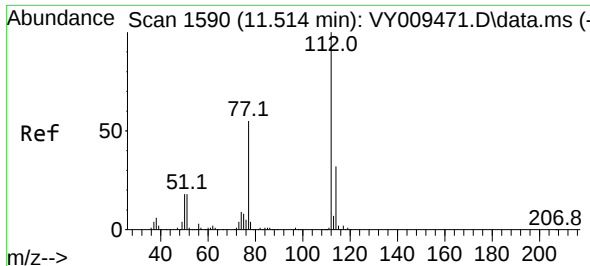
Tgt Ion:117 Resp: 244393
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 44.398 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion:164 Resp: 90720
Ion Ratio Lower Upper
164 100
166 128.6 100.4 150.6
129 87.3 71.4 107.0
131 86.6 70.8 106.2

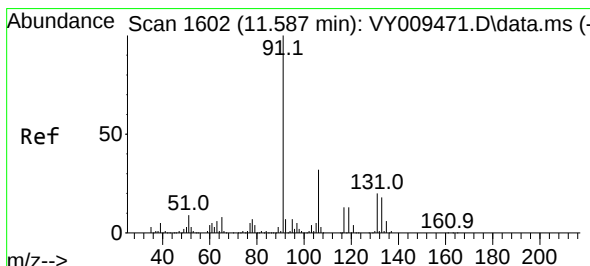
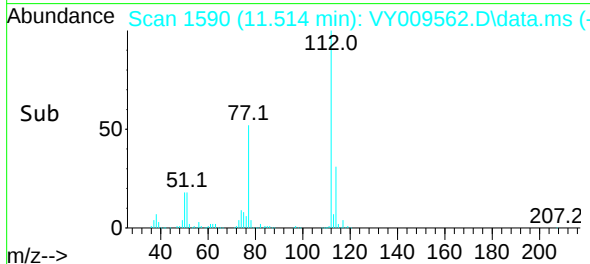
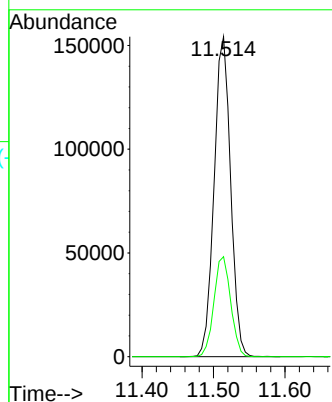
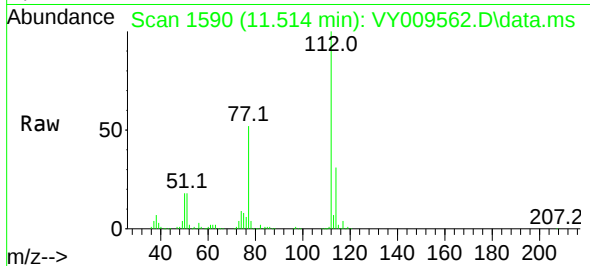




#65
Chlorobenzene
Concen: 51.433 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

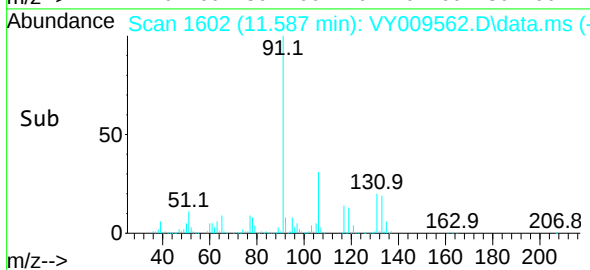
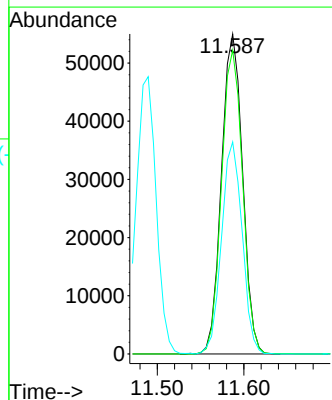
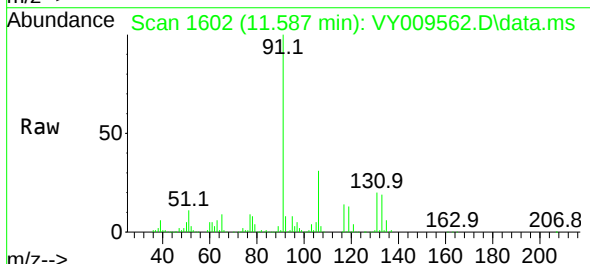
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

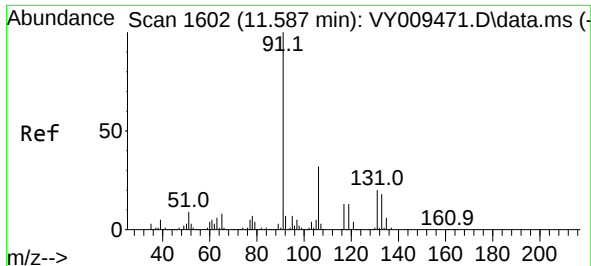
Tgt Ion:112 Resp: 246870
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.484 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion:131 Resp: 92956
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 64.8 30.8 92.3





#67

Ethyl Benzene

Concen: 52.052 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

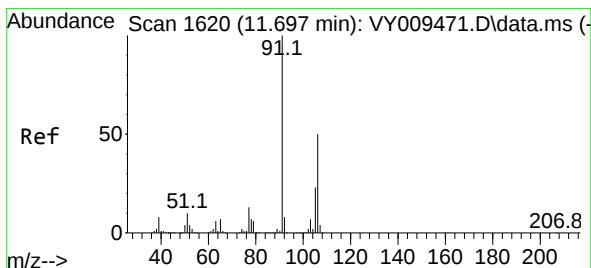
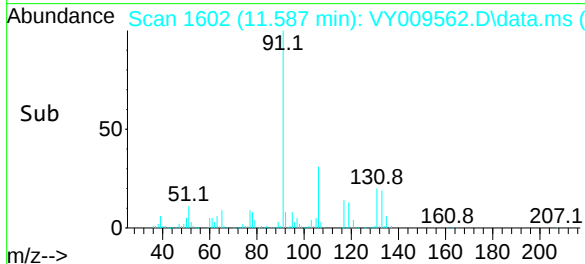
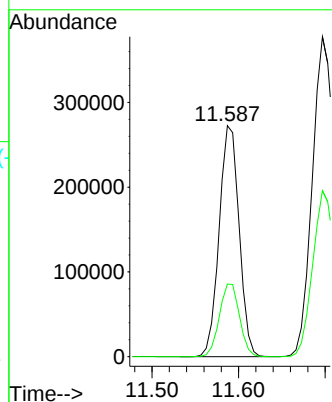
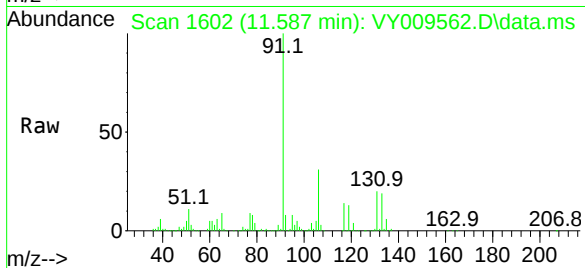
VSTDCCC050

Tgt Ion: 91 Resp: 436171

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 109.273 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009562.D

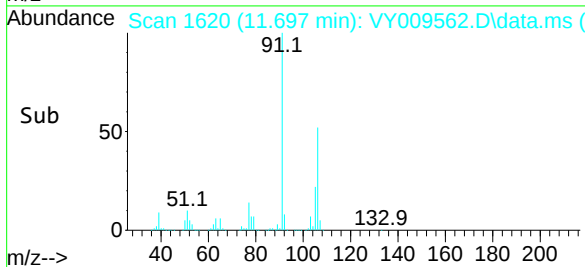
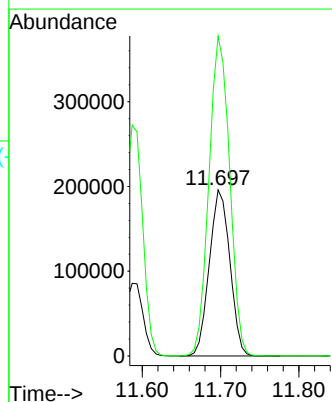
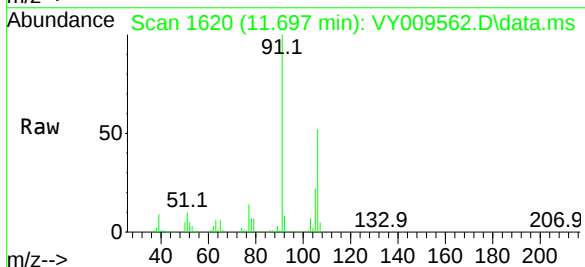
Acq: 14 Jul 2022 11:54

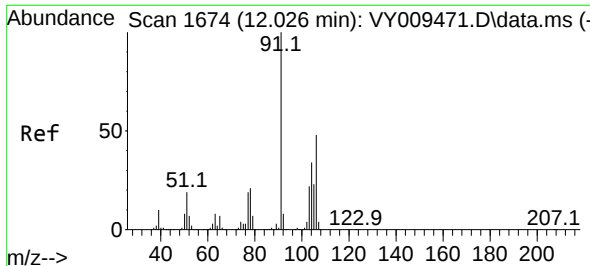
Tgt Ion:106 Resp: 357111

Ion Ratio Lower Upper

106 100

91 193.7 166.6 249.8

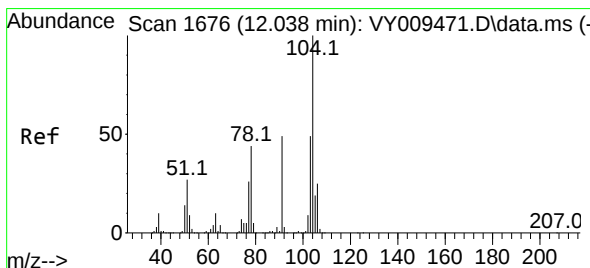
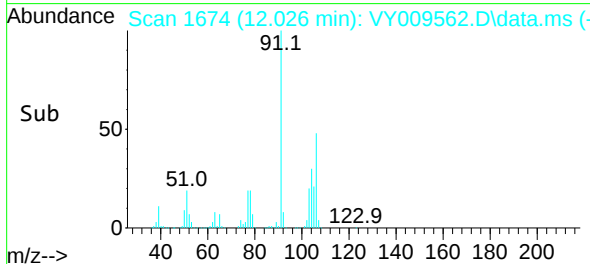
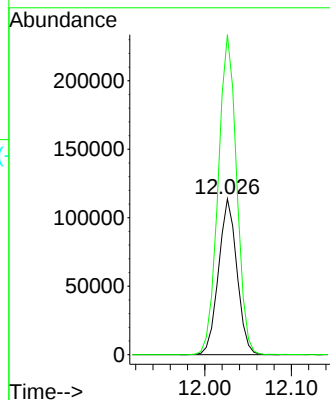
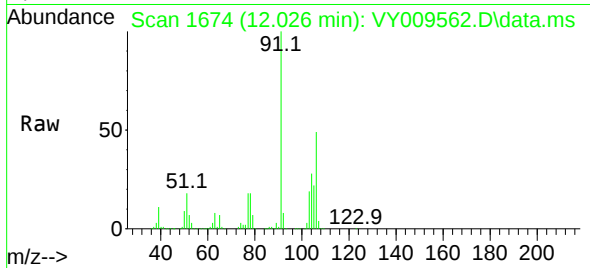




#69
o-Xylene
Concen: 53.487 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

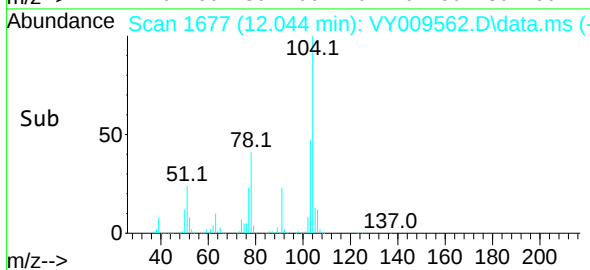
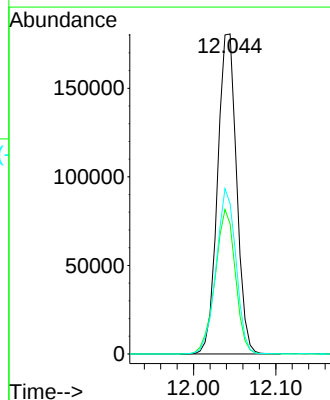
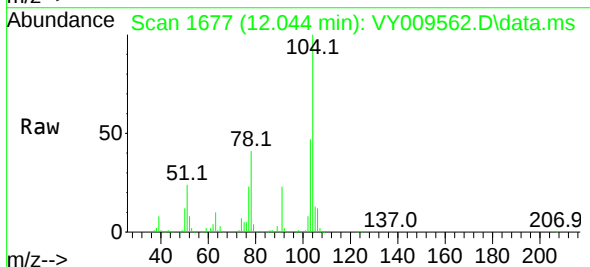
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

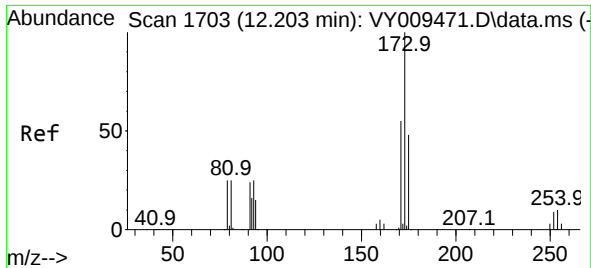
Tgt Ion:106 Resp: 167548
Ion Ratio Lower Upper
106 100
91 207.0 110.3 331.0



#70
Styrene
Concen: 55.653 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion:104 Resp: 291183
Ion Ratio Lower Upper
104 100
78 48.0 42.4 63.6
103 53.9 44.4 66.6

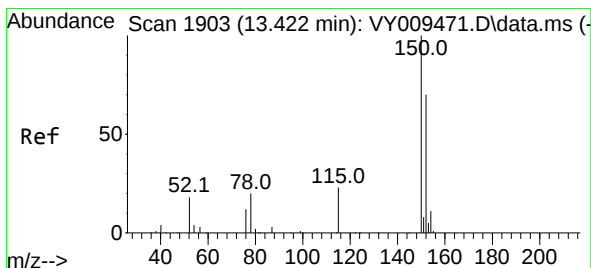
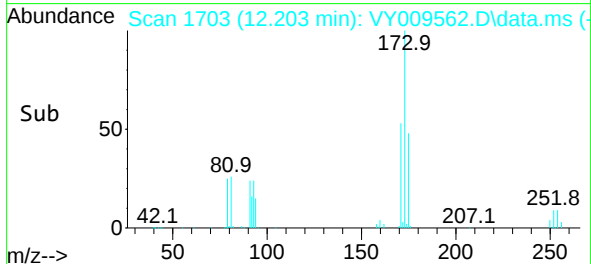
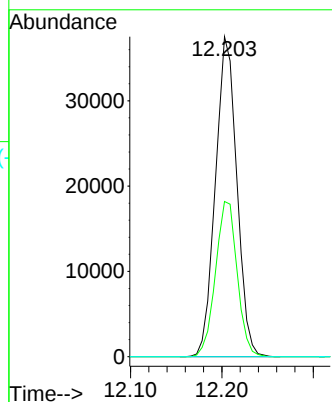
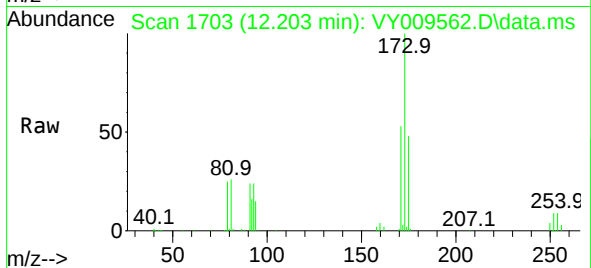




#71
Bromoform
Concen: 53.044 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

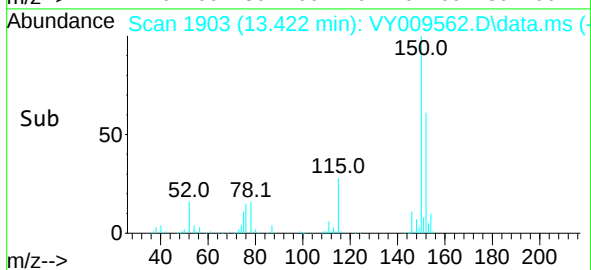
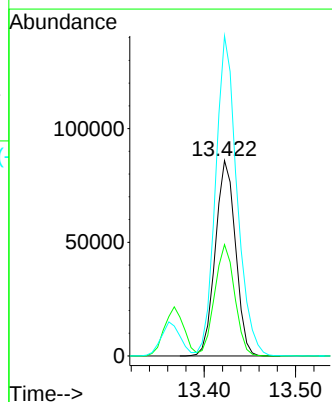
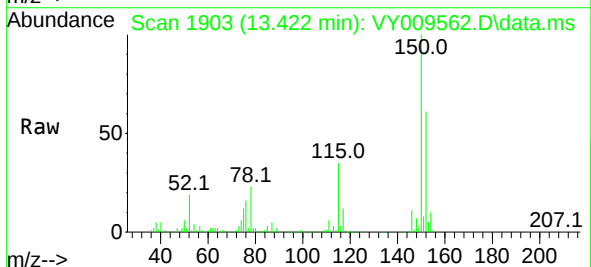
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 61042
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion:152 Resp: 131832
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 174.2 0.0 347.6

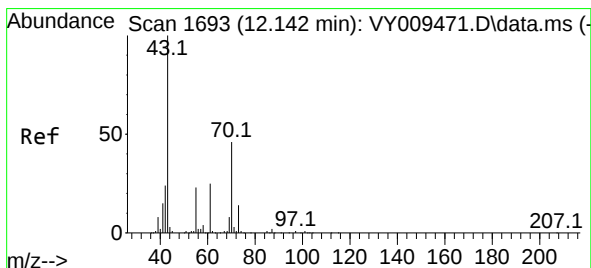
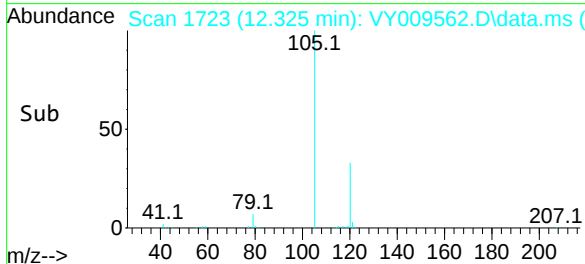
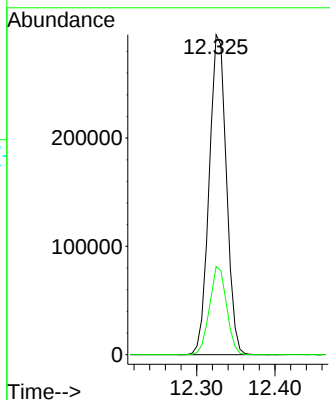
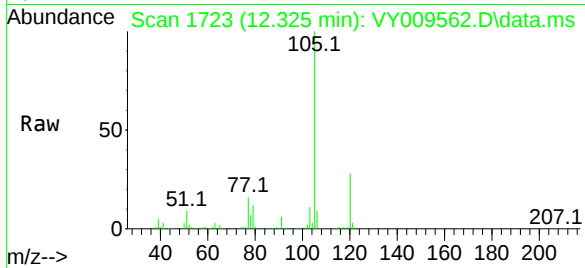




#73
Isopropylbenzene
Concen: 49.971 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

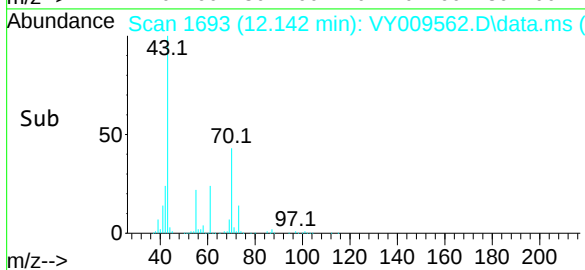
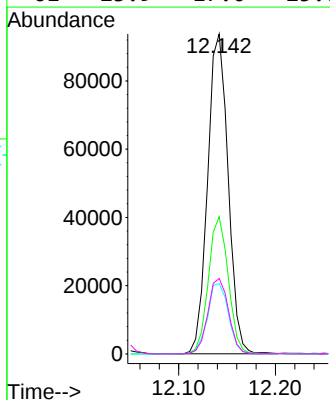
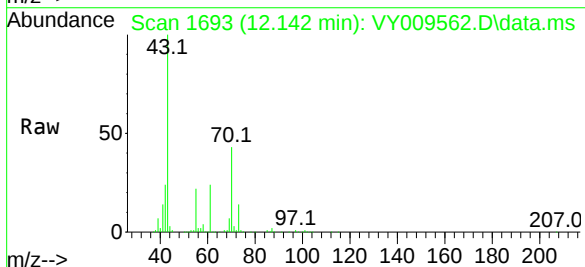
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

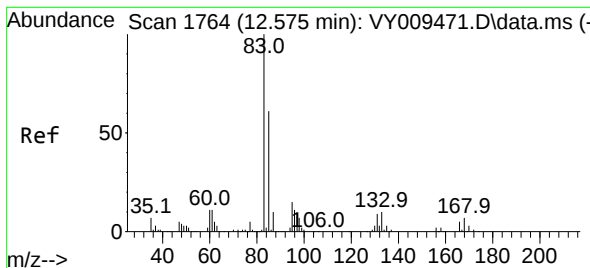
Tgt Ion:105 Resp: 450541
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 53.795 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 43 Resp: 137997
Ion Ratio Lower Upper
43 100
70 41.8 28.7 43.1
55 22.8 17.3 25.9
61 23.9 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.605 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

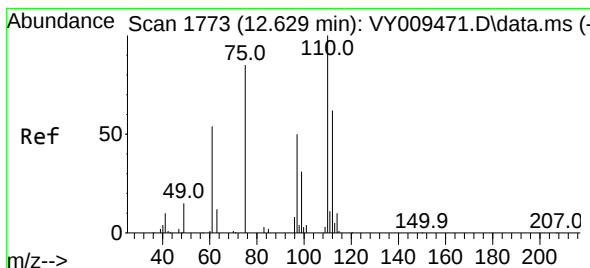
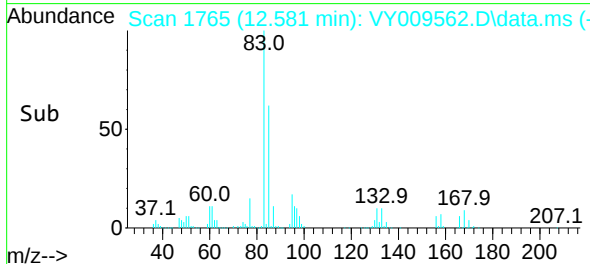
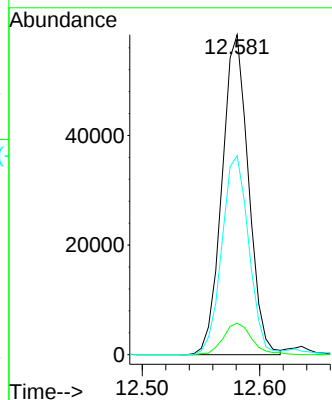
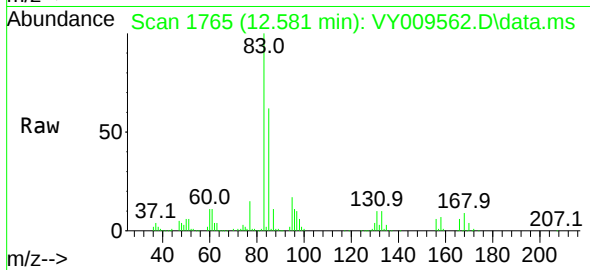
Tgt Ion: 83 Resp: 91354

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

85 63.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.688 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY009562.D

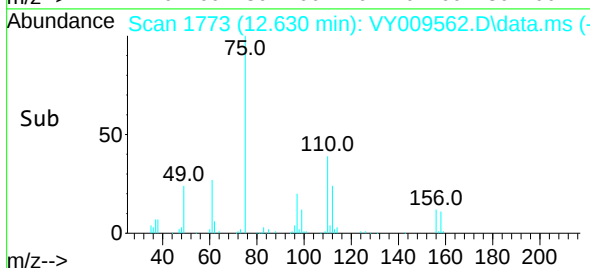
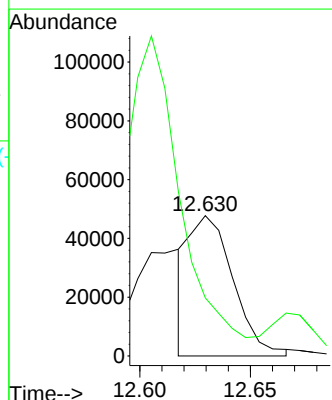
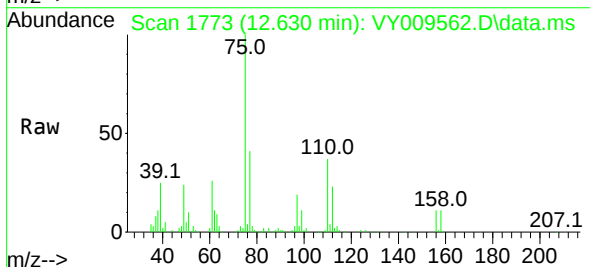
Acq: 14 Jul 2022 11:54

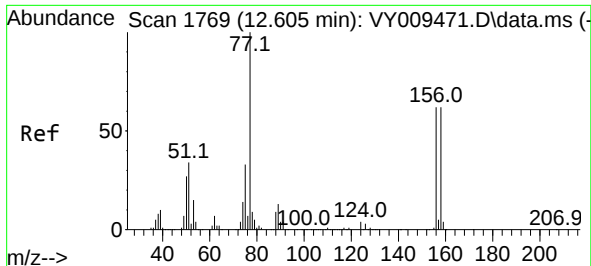
Tgt Ion: 75 Resp: 66508

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

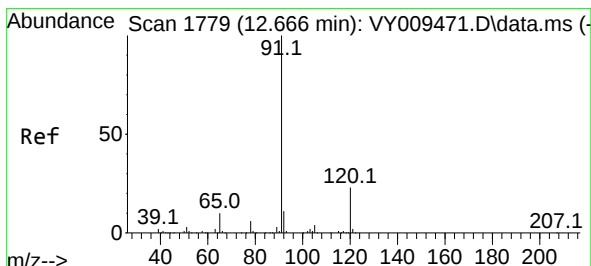
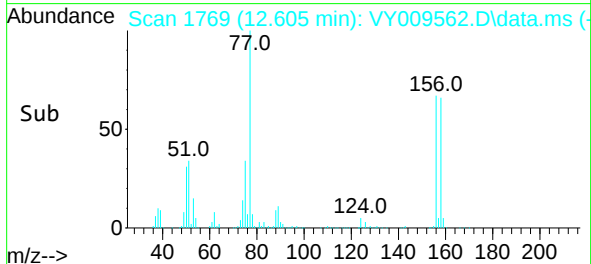
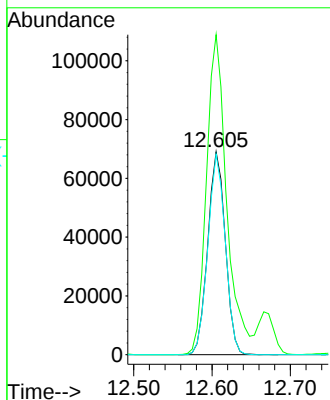
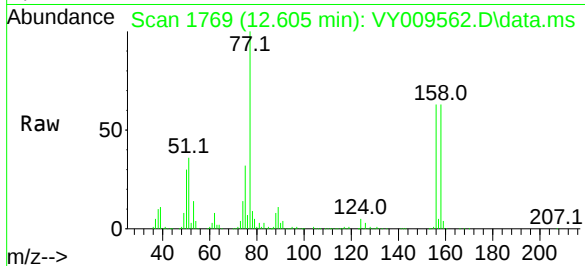




#77
Bromobenzene
Concen: 48.963 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

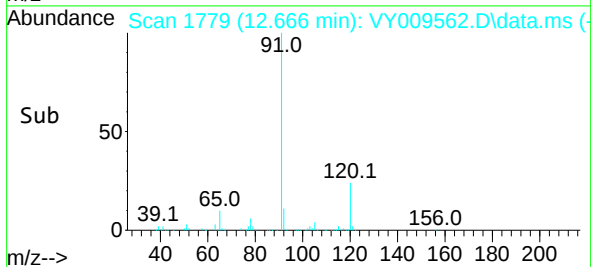
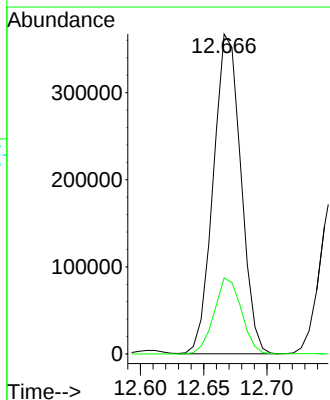
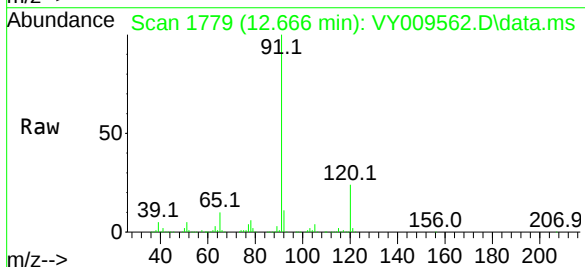
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

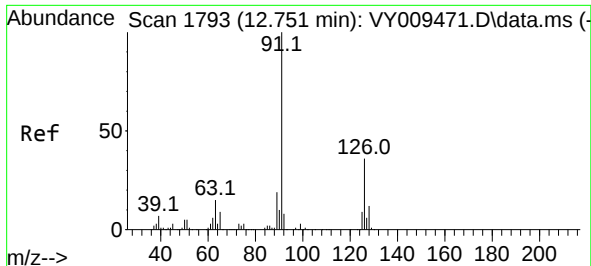
Tgt Ion:156 Resp: 107469
Ion Ratio Lower Upper
156 100
77 181.1 95.5 286.4
158 97.9 48.0 144.0



#78
n-propylbenzene
Concen: 51.073 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 91 Resp: 556308
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

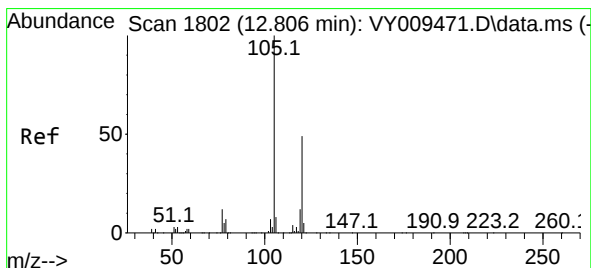
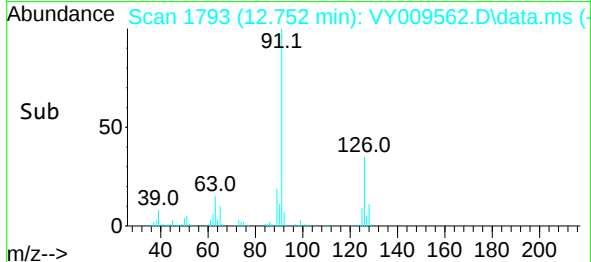
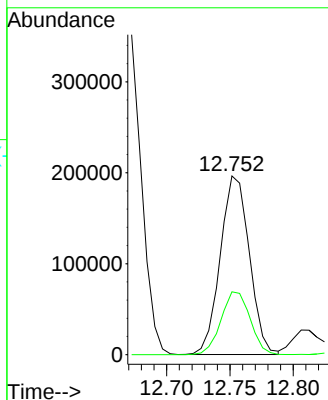
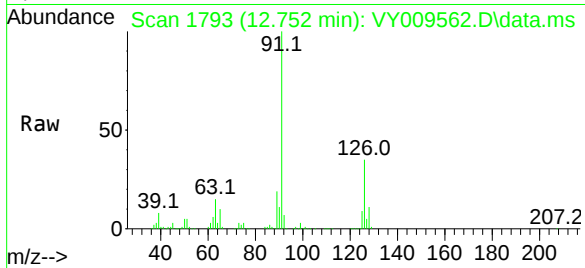




#79
2-Chlorotoluene
Concen: 51.571 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

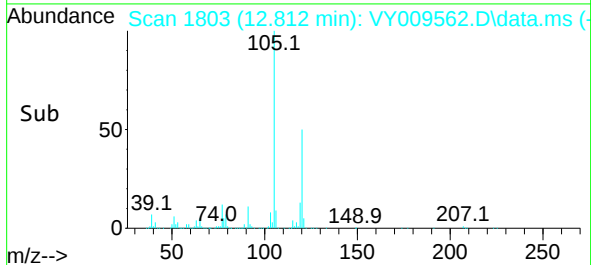
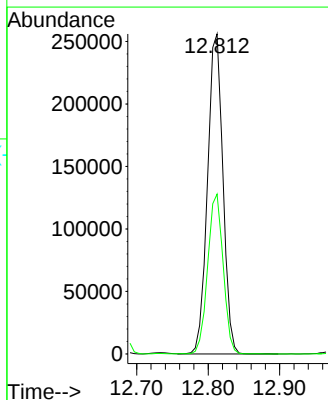
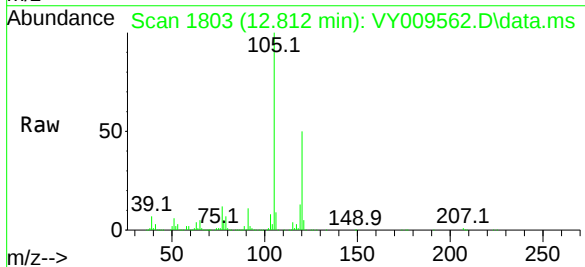
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

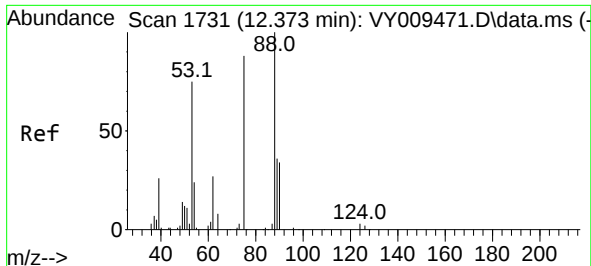
Tgt Ion: 91 Resp: 314490
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.764 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 105 Resp: 382567
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

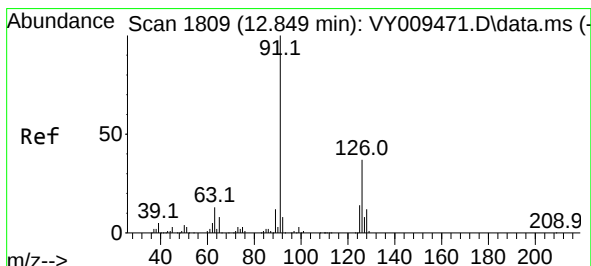
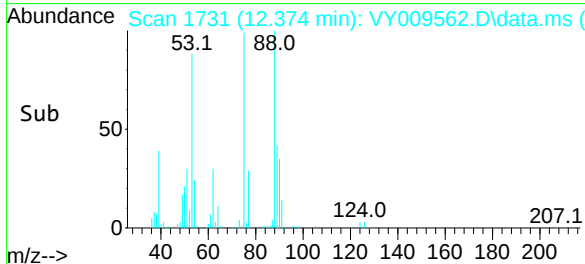
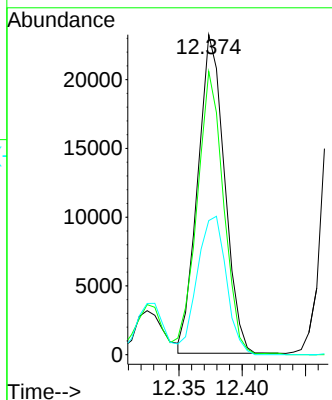
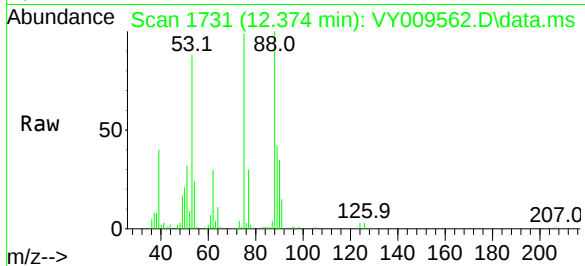




#81
trans-1,4-Dichloro-2-butene
Concen: 50.027 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

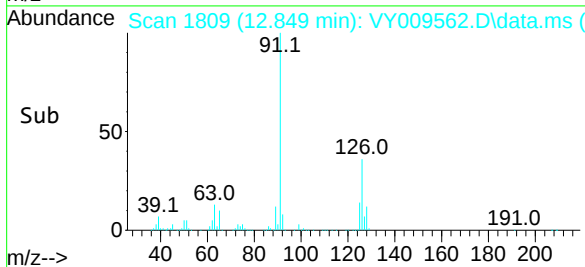
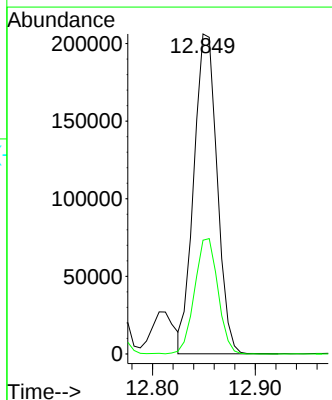
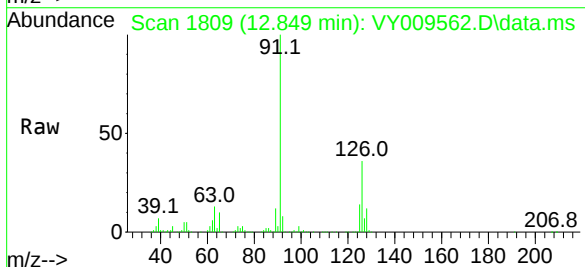
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

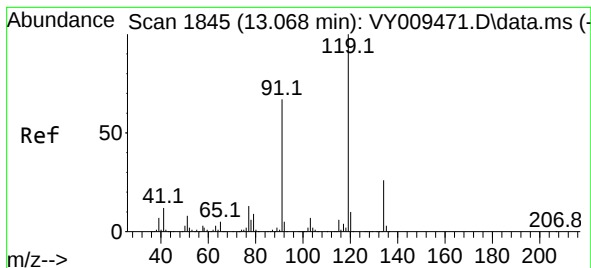
Tgt Ion: 75 Resp: 34112
Ion Ratio Lower Upper
75 100
53 88.9 85.3 127.9
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.804 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 91 Resp: 324683
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.375 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

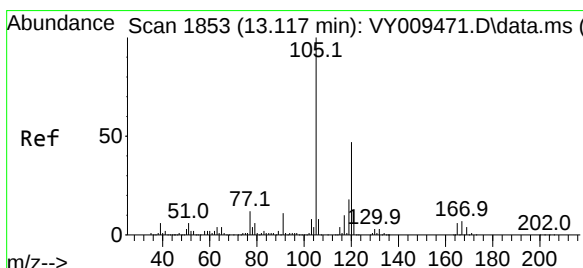
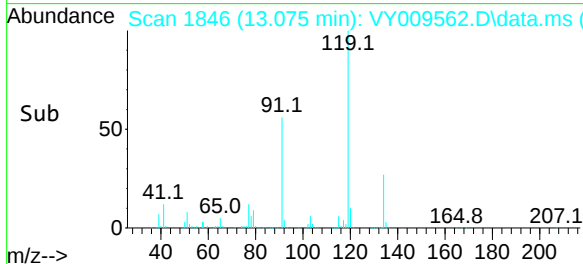
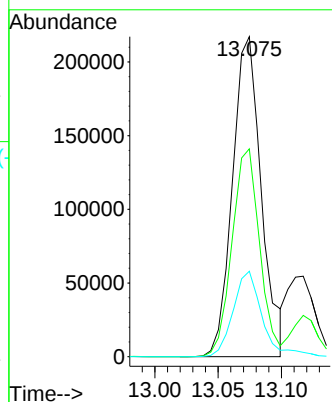
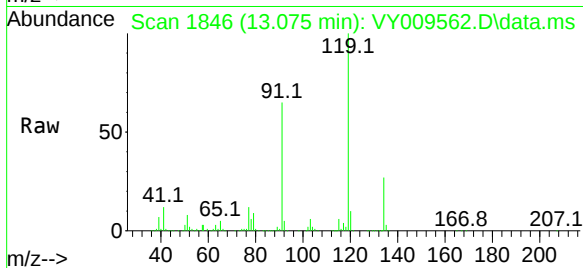
Tgt Ion:119 Resp: 344448

Ion Ratio Lower Upper

119 100

91 62.2 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.771 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009562.D

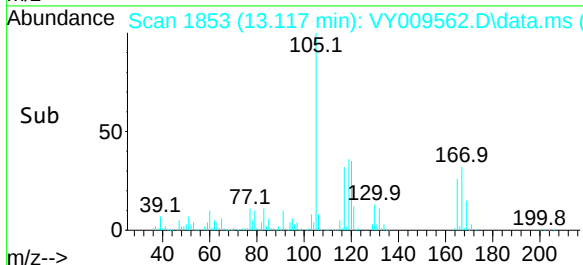
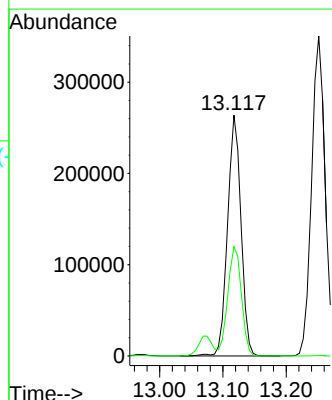
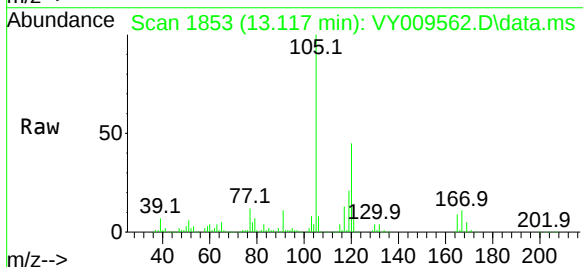
Acq: 14 Jul 2022 11:54

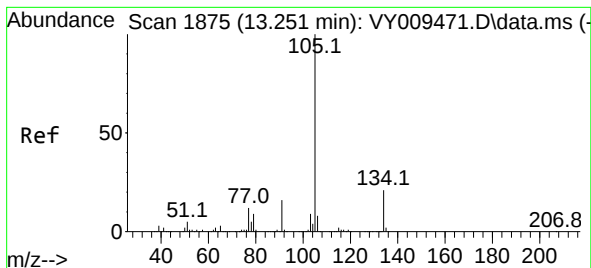
Tgt Ion:105 Resp: 388338

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.297 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

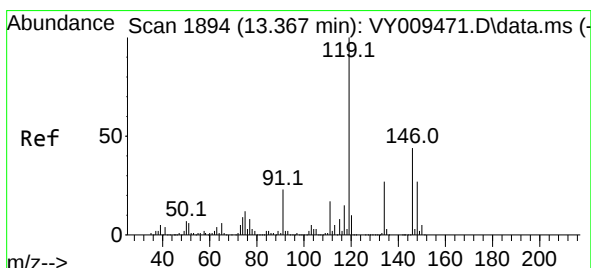
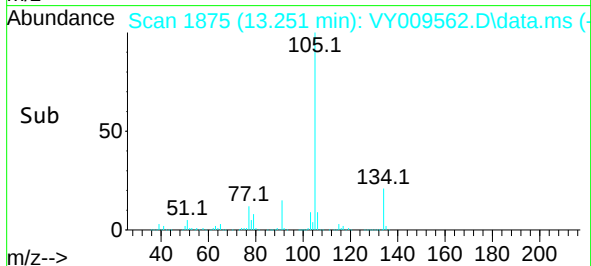
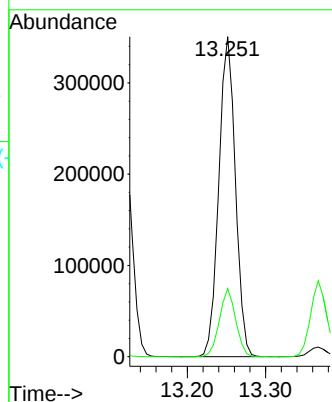
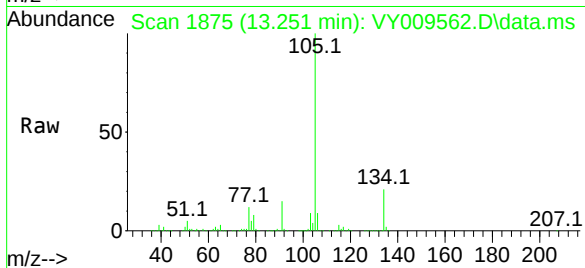
VSTDCCC050

Tgt Ion:105 Resp: 516397

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.072 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

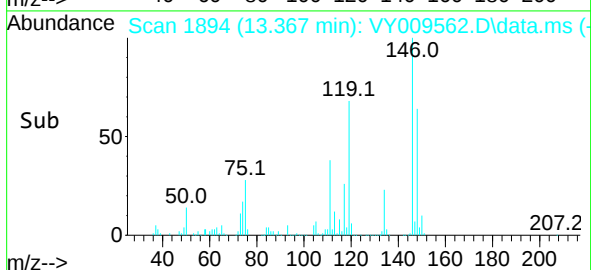
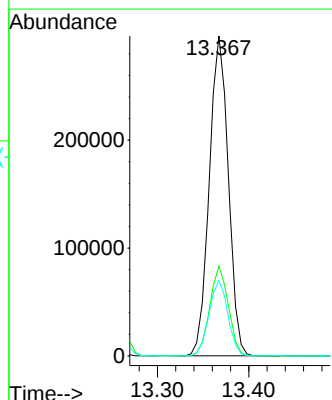
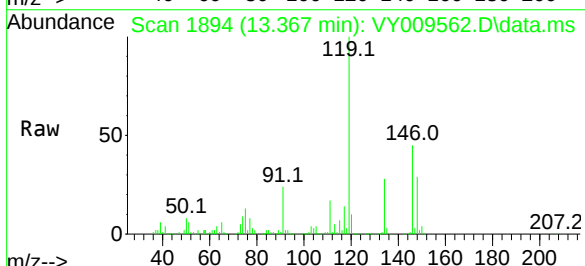
Tgt Ion:119 Resp: 428590

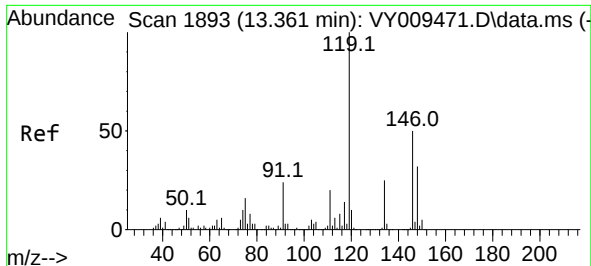
Ion Ratio Lower Upper

119 100

134 27.5 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.551 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

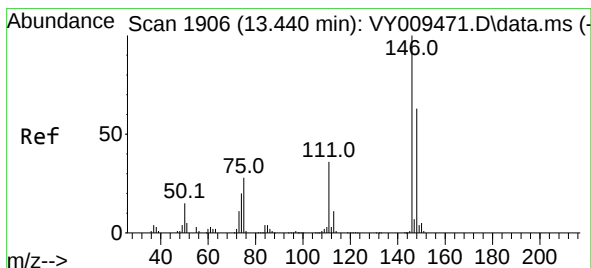
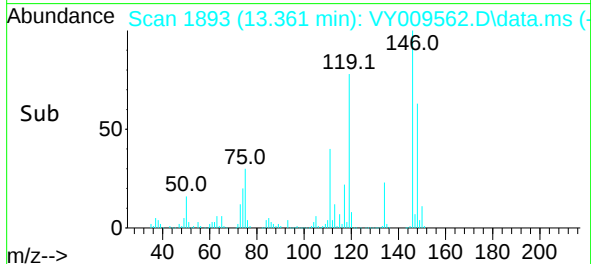
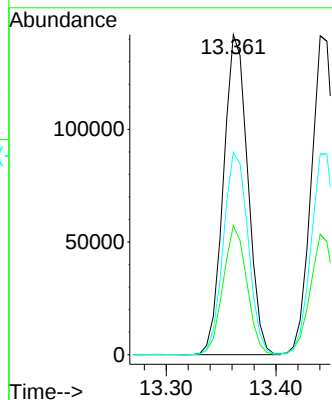
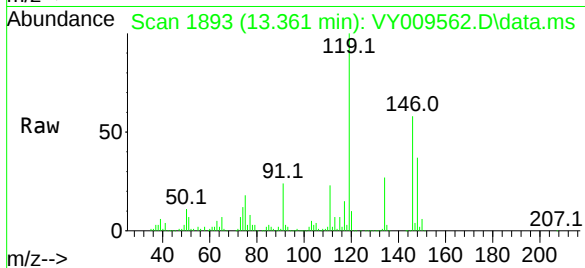
Tgt Ion:146 Resp: 219017

Ion Ratio Lower Upper

146 100

111 39.4 19.5 58.5

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.912 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

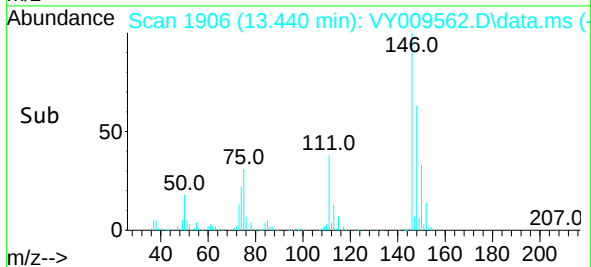
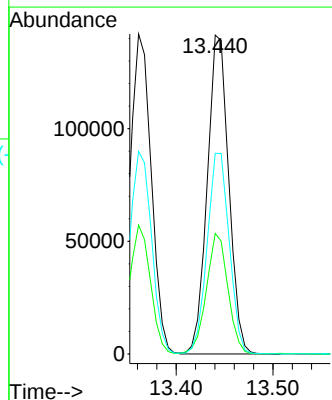
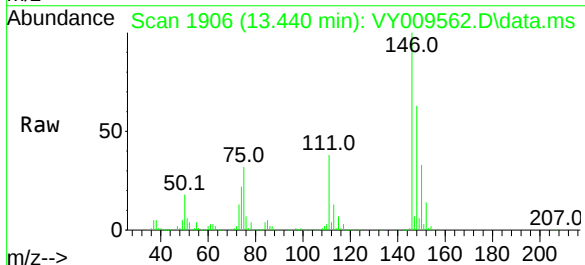
Tgt Ion:146 Resp: 218867

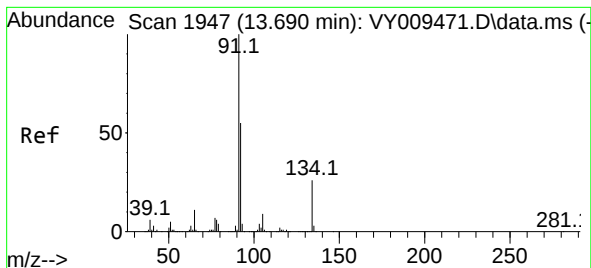
Ion Ratio Lower Upper

146 100

111 37.6 19.3 57.8

148 64.8 32.6 97.8





#89

n-Butylbenzene

Concen: 51.834 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

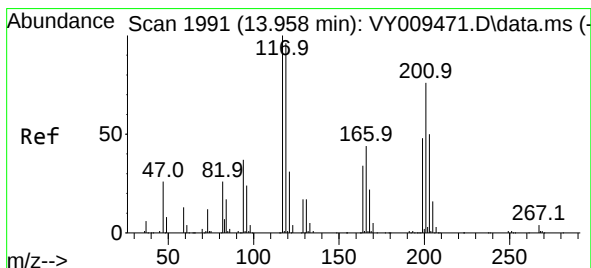
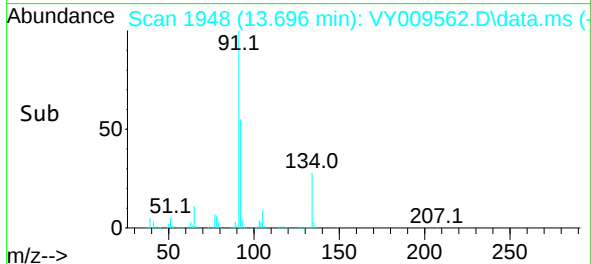
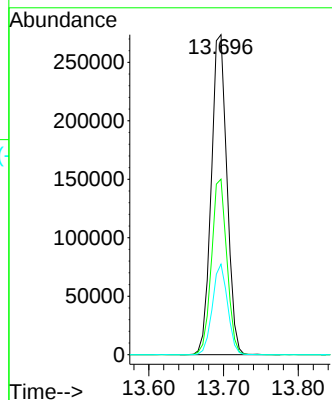
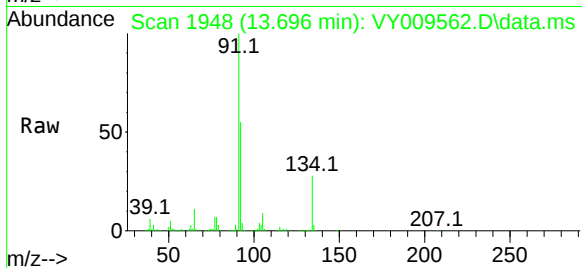
Tgt Ion: 91 Resp: 398399

Ion Ratio Lower Upper

91 100

92 54.0 26.3 78.9

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 50.167 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009562.D

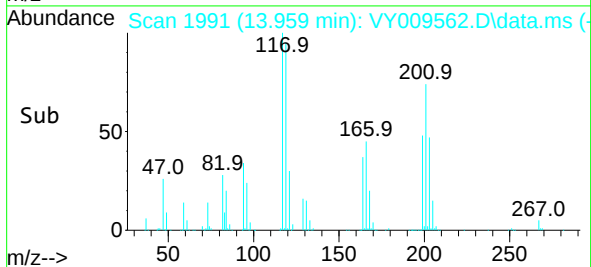
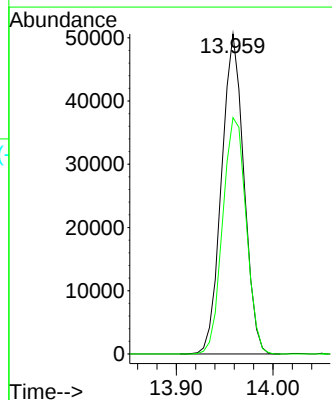
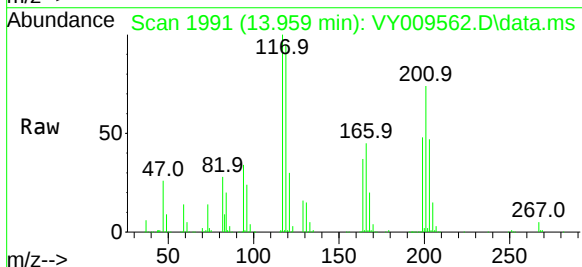
Acq: 14 Jul 2022 11:54

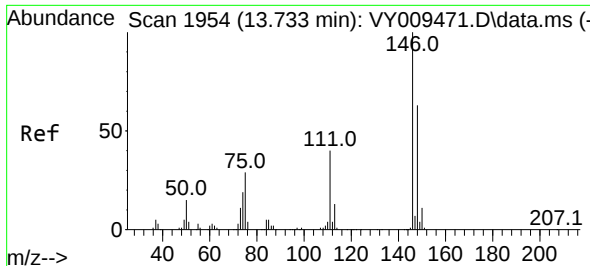
Tgt Ion: 117 Resp: 81017

Ion Ratio Lower Upper

117 100

201 77.6 43.0 128.8

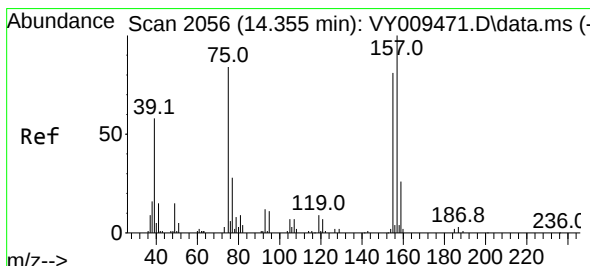
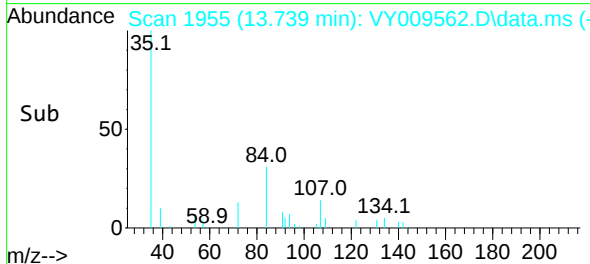
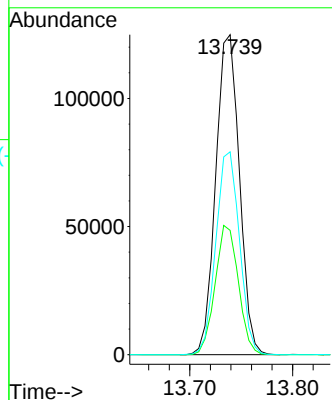
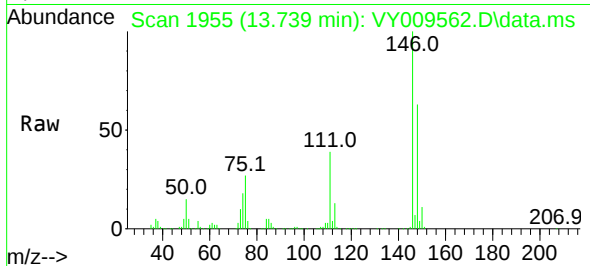




#91
1,2-Dichlorobenzene
Concen: 50.233 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

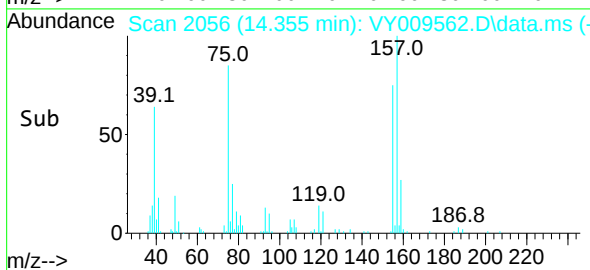
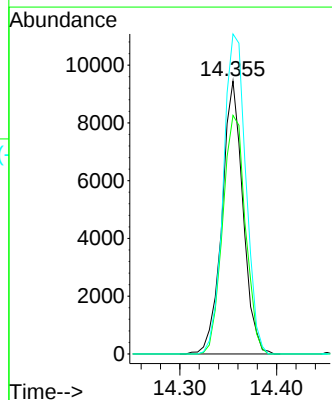
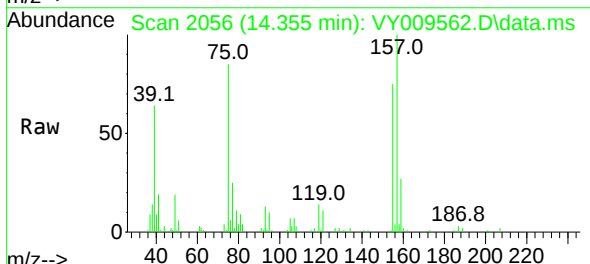
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

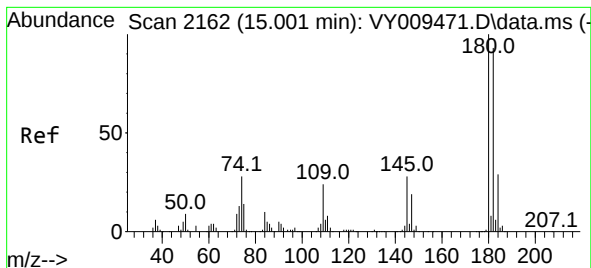
Tgt Ion:146 Resp: 199403
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.897 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009562.D
Acq: 14 Jul 2022 11:54

Tgt Ion: 75 Resp: 14206
Ion Ratio Lower Upper
75 100
155 94.6 38.0 113.9
157 125.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 43.207 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

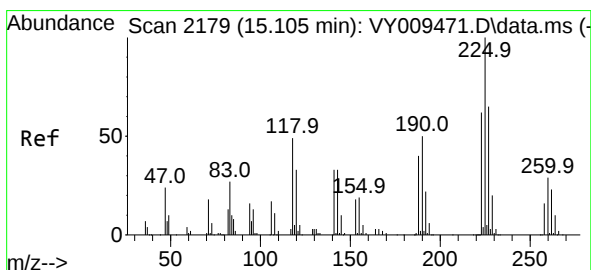
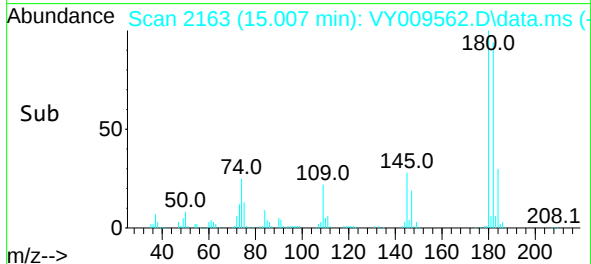
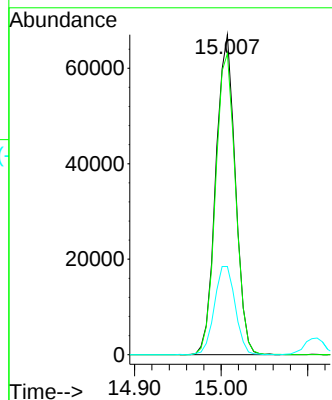
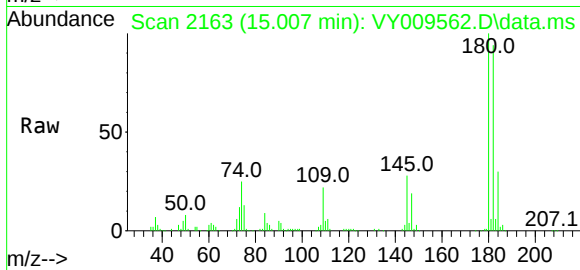
Tgt Ion:180 Resp: 104605

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 44.217 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

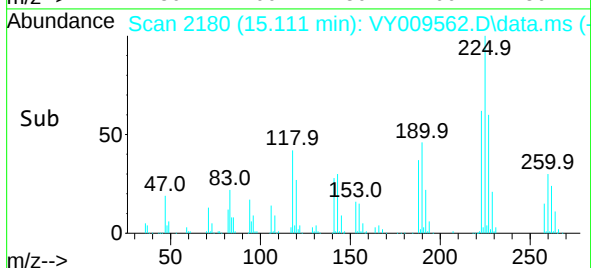
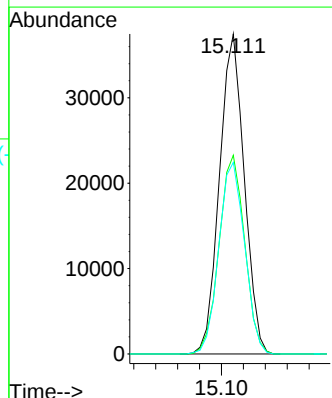
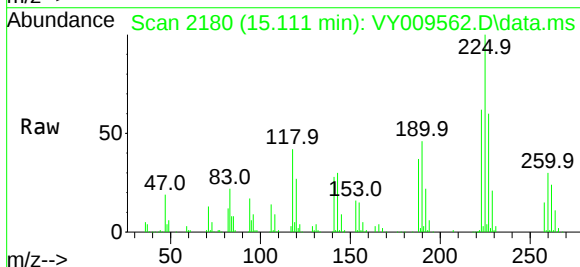
Tgt Ion:225 Resp: 58855

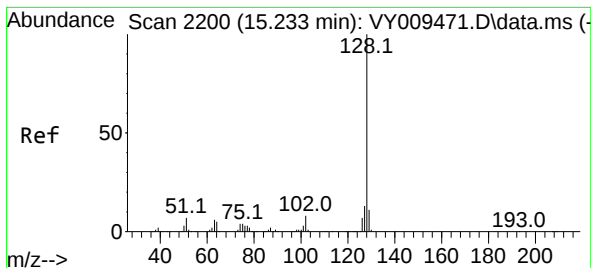
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 62.2 31.6 94.7





#95

Naphthalene

Concen: 41.145 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

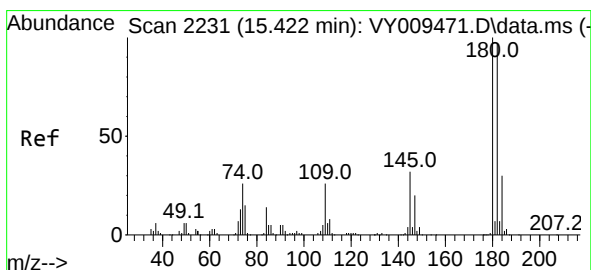
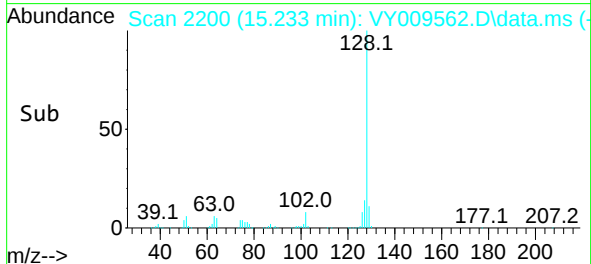
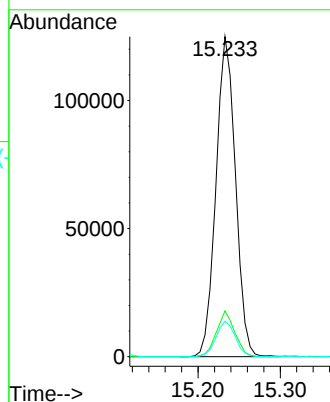
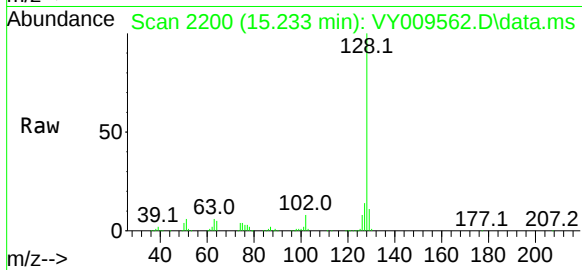
Tgt Ion:128 Resp: 205958

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 43.124 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009562.D

Acq: 14 Jul 2022 11:54

Tgt Ion:180 Resp: 90427

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 30.9 15.3 45.9

