

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009546.D
 Acq On : 12 Jul 2022 20:29
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 13 01:17:37 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	156156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	233088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57149	52.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.480%	
35) Dibromofluoromethane	7.710	113	62264	48.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.140%	
50) Toluene-d8	10.179	98	185550	53.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.477	95	102492	56.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 113.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	63549	53.068	ug/l	100
3) Chloromethane	2.107	50	74002	55.337	ug/l	93
4) Vinyl Chloride	2.241	62	89685	58.905	ug/l	98
5) Bromomethane	2.631	94	56767	51.897	ug/l	94
6) Chloroethane	2.778	64	51180	57.575	ug/l	98
7) Trichlorofluoromethane	3.113	101	118464	58.277	ug/l	89
8) Diethyl Ether	3.521	74	40602	52.207	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	71067	51.599	ug/l	95
10) Methyl Iodide	4.076	142	95567	51.502	ug/l	90
11) Tert butyl alcohol	4.942	59	38653	185.100	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	67848	53.112	ug/l	86
13) Acrolein	3.716	56	21525	183.406	ug/l	100
14) Allyl chloride	4.460	41	116159	52.850	ug/l	96
15) Acrylonitrile	5.149	53	110234	257.600	ug/l	99
16) Acetone	3.936	43	81843	215.448	ug/l	95
17) Carbon Disulfide	4.180	76	199449	47.250	ug/l	99
18) Methyl Acetate	4.466	43	52186	46.789	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	208760	53.994	ug/l	96
20) Methylene Chloride	4.704	84	85680	47.390	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	80695	53.912	ug/l	88
22) Diisopropyl ether	6.106	45	274844	58.819	ug/l	95
23) Vinyl Acetate	6.045	43	875575	269.682	ug/l	97
24) 1,1-Dichloroethane	6.003	63	140627	53.368	ug/l	99
25) 2-Butanone	6.978	43	148869	242.255	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	117011	45.054	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	93485	53.051	ug/l	89
28) Bromochloromethane	7.325	49	58808	53.099	ug/l #	87
29) Tetrahydrofuran	7.338	42	103700	260.903	ug/l	94
30) Chloroform	7.496	83	149739	51.922	ug/l	97
31) Cyclohexane	7.777	56	130980	51.126	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	135191	53.170	ug/l	97
36) 1,1-Dichloropropene	7.905	75	115972	55.564	ug/l	98
37) Ethyl Acetate	7.063	43	69480	53.106	ug/l	98
38) Carbon Tetrachloride	7.892	117	124884	55.946	ug/l	98
39) Methylcyclohexane	9.179	83	143316	57.203	ug/l	92
40) Benzene	8.155	78	334610	54.595	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	95079	139.953	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	101051	54.917	ug/l	93
43) Isopropyl Acetate	8.264	43	135151	55.364	ug/l	94
44) Trichloroethene	8.935	130	94104	54.351	ug/l	98
45) 1,2-Dichloropropane	9.209	63	85172	54.912	ug/l	96
46) Dibromomethane	9.301	93	50420	55.385	ug/l	99
47) Bromodichloromethane	9.490	83	119905	55.337	ug/l	99
48) Methyl methacrylate	9.289	41	60925	57.927	ug/l	94
49) 1,4-Dioxane	9.289	88	14344	1069.923	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	367208	286.037	ug/l	96
52) Toluene	10.240	92	226130	57.899	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	128550	56.297	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	138993	54.590	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	72860	55.478	ug/l	97
56) Ethyl methacrylate	10.508	69	103516	59.368	ug/l	87
57) 1,3-Dichloropropane	10.782	76	122643	56.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	239507	281.188	ug/l	96
59) 2-Hexanone	10.825	43	255105	286.773	ug/l	93
60) Dibromochloromethane	10.977	129	90970	57.200	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71503	56.791	ug/l	98
64) Tetrachloroethene	10.715	164	94990	48.742	ug/l	95
65) Chlorobenzene	11.514	112	251819	55.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	94715	55.003	ug/l	98
67) Ethyl Benzene	11.587	91	446824	55.910	ug/l	96
68) m/p-Xylenes	11.697	106	360874	115.780	ug/l	92
69) o-Xylene	12.026	106	172891	57.870	ug/l	92
70) Styrene	12.038	104	298762	59.871	ug/l	95
71) Bromoform	12.203	173	63578	57.927	ug/l #	97
73) Isopropylbenzene	12.325	105	461429	54.809	ug/l	99
74) N-amyl acetate	12.142	43	134818	56.283	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	92848	55.081	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	121579	93.299	ug/l #	100
77) Bromobenzene	12.605	156	109507	53.430	ug/l	96
78) n-propylbenzene	12.666	91	560671	55.124	ug/l	98
79) 2-Chlorotoluene	12.751	91	318204	55.881	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	386814	54.968	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	32466	50.990	ug/l	88
82) 4-Chlorotoluene	12.849	91	329606	55.233	ug/l	97
83) tert-Butylbenzene	13.074	119	352566	56.315	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	388880	55.520	ug/l	97
85) sec-Butylbenzene	13.251	105	517855	56.165	ug/l	98
86) p-Isopropyltoluene	13.367	119	428707	55.780	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	219388	54.228	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	221174	54.016	ug/l	99
89) n-Butylbenzene	13.690	91	399883	55.717	ug/l	97
90) Hexachloroethane	13.958	117	83013	55.049	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	202219	54.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15235	51.564	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	116143	51.375	ug/l	100
94) Hexachlorobutadiene	15.111	225	64214	51.665	ug/l	98
95) Naphthalene	15.233	128	247404	52.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	101302	51.736	ug/l	99

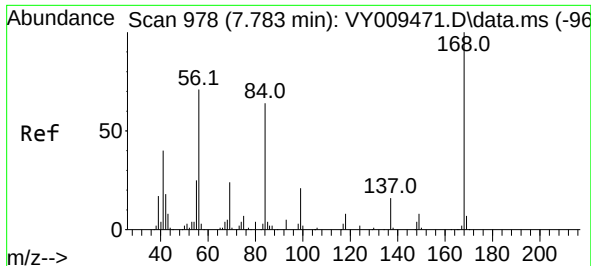
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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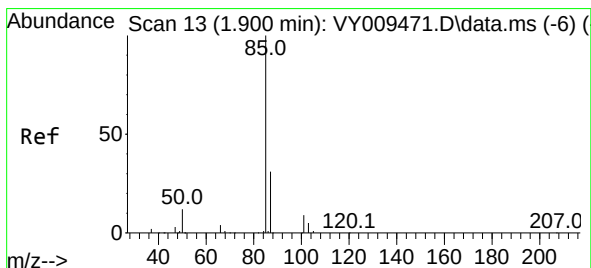
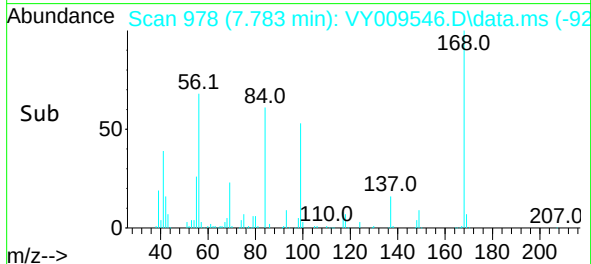
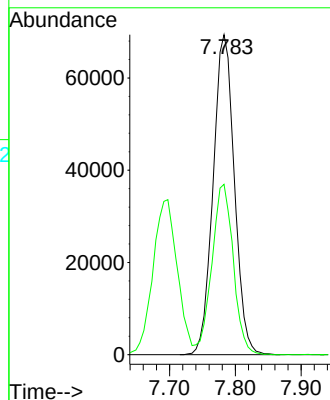
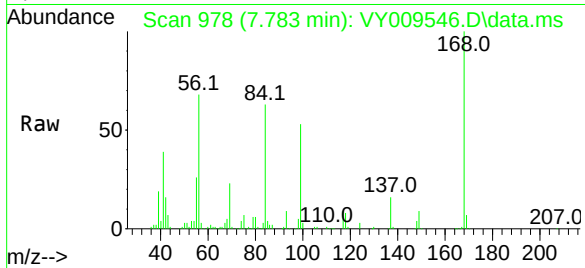
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

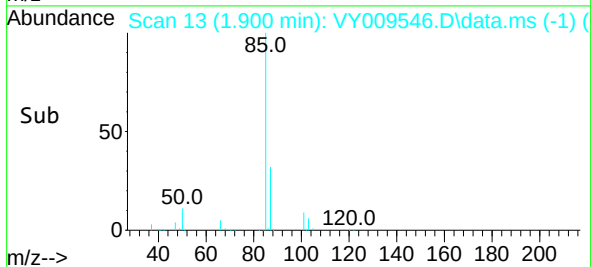
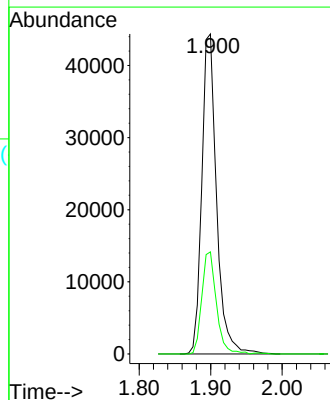
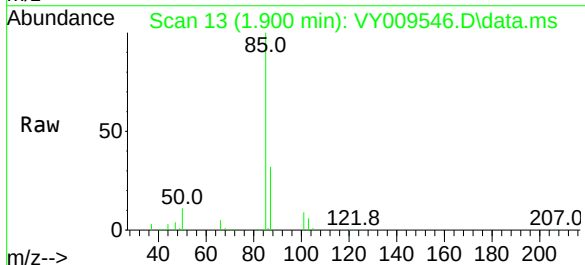
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MSVOA_D
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VSTDCCC050EC

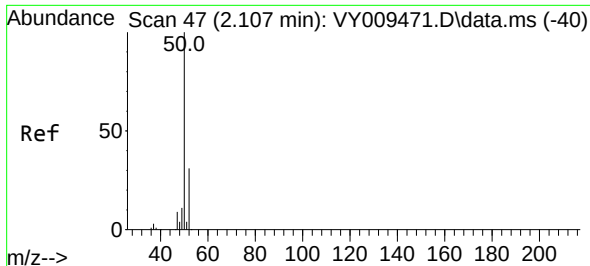
Tgt Ion:168 Resp: 156156
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.068 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 85 Resp: 63549
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

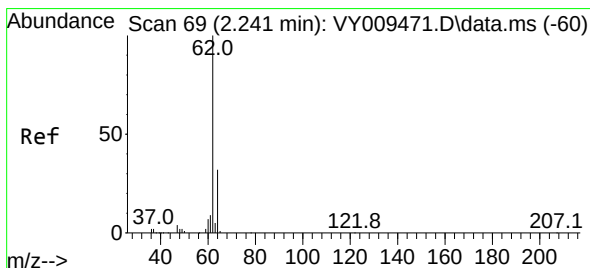
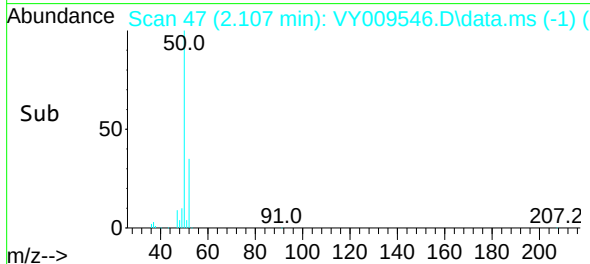
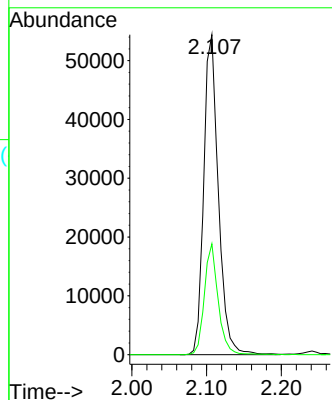
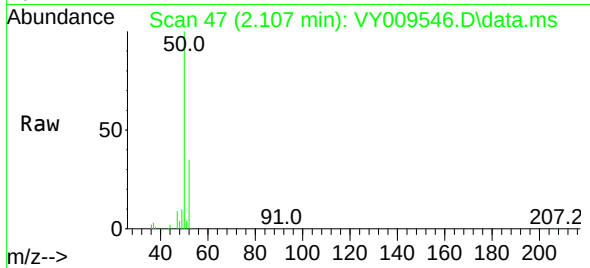




#3
Chloromethane
Concen: 55.337 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

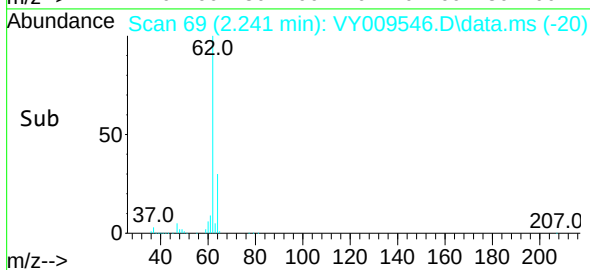
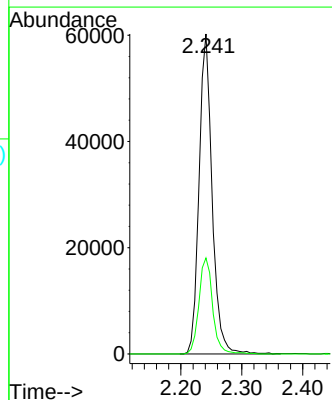
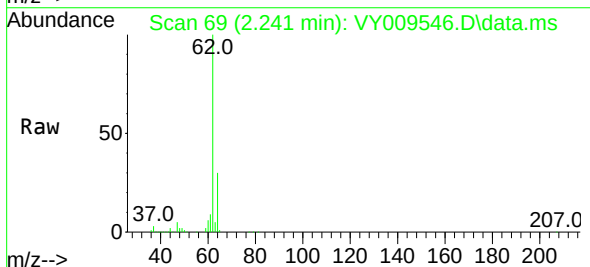
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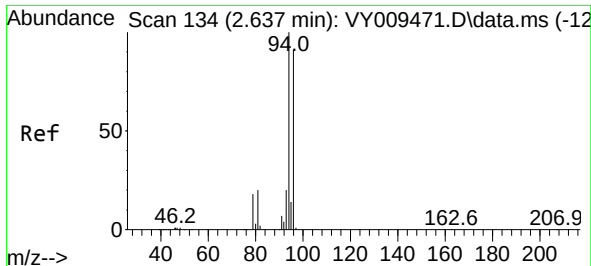
Tgt Ion: 50 Resp: 74002
Ion Ratio Lower Upper
50 100
52 34.7 24.6 37.0



#4
Vinyl Chloride
Concen: 58.905 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 62 Resp: 89685
Ion Ratio Lower Upper
62 100
64 30.0 25.0 37.6

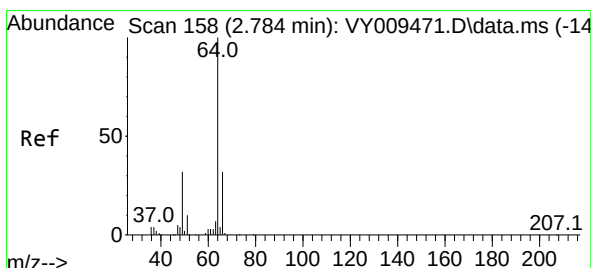
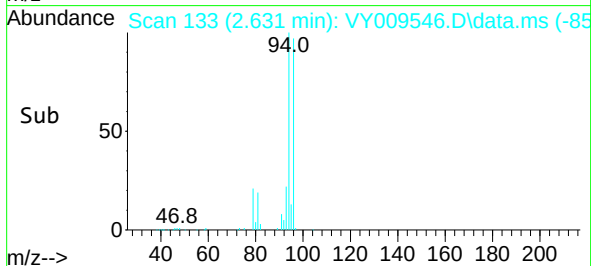
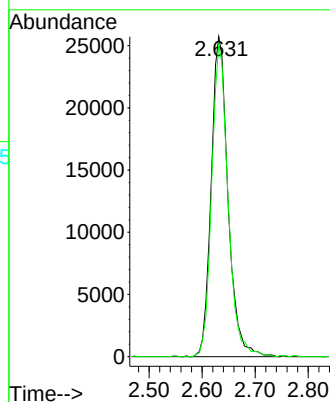
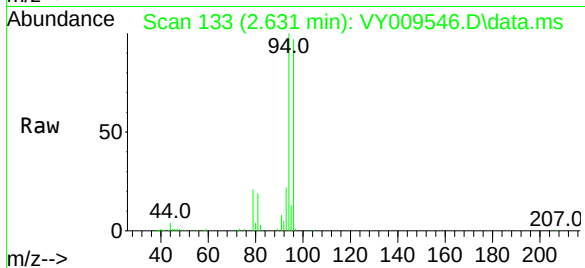




#5
Bromomethane
Concen: 51.897 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

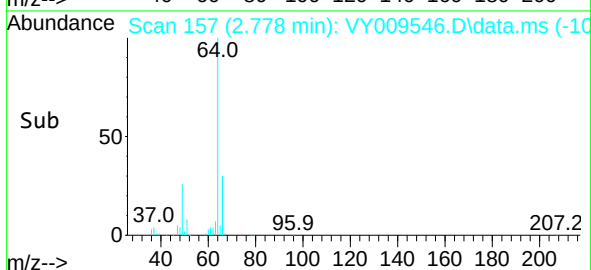
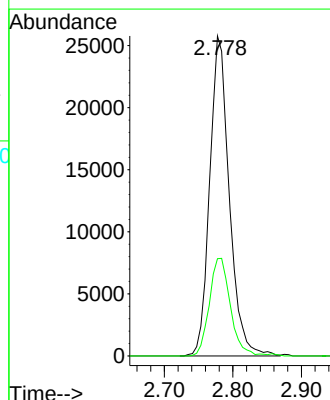
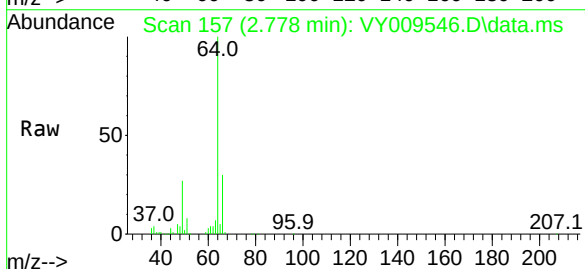
Instrument :
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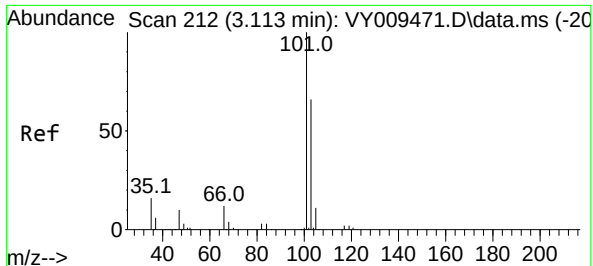
Tgt Ion: 94 Resp: 56767
Ion Ratio Lower Upper
94 100
96 97.2 73.5 110.3



#6
Chloroethane
Concen: 57.575 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 64 Resp: 51180
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0

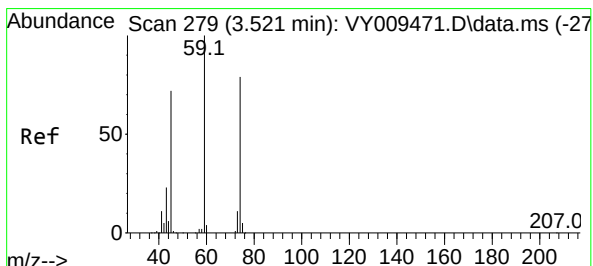
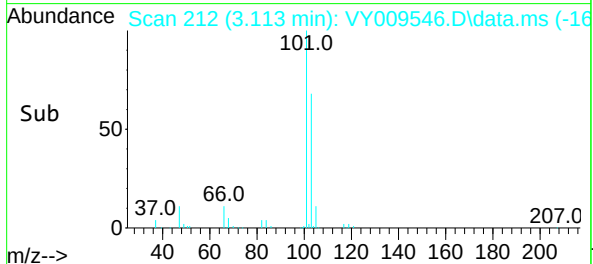
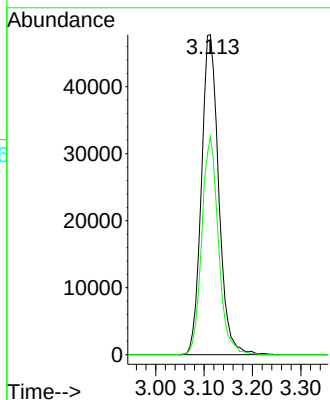
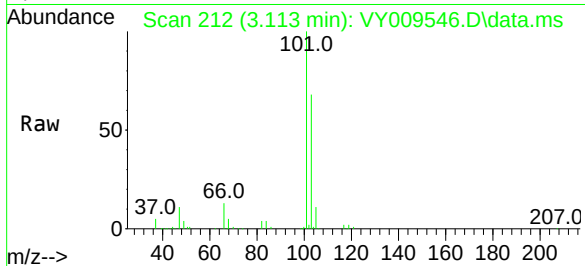




#7
 Trichlorofluoromethane
 Concen: 58.277 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

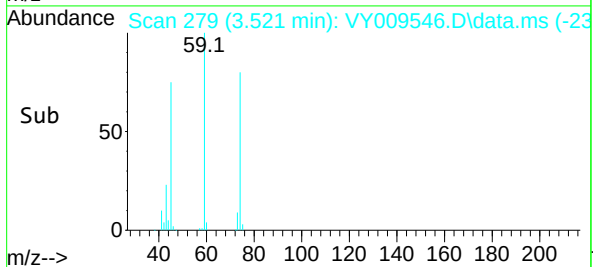
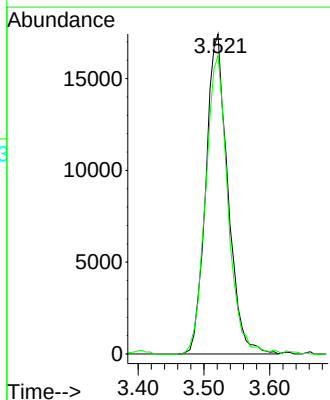
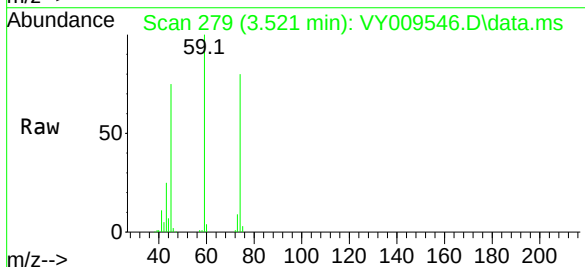
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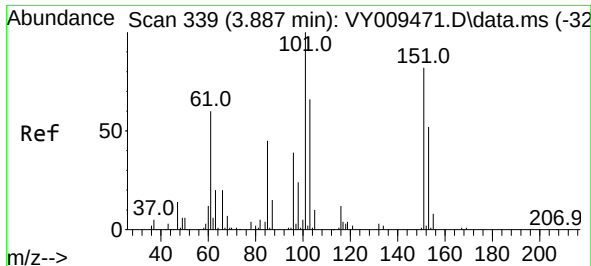
Tgt Ion:101 Resp: 118464
 Ion Ratio Lower Upper
 101 100
 103 68.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.207 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

Tgt Ion: 74 Resp: 40602
 Ion Ratio Lower Upper
 74 100
 45 94.7 55.1 165.5

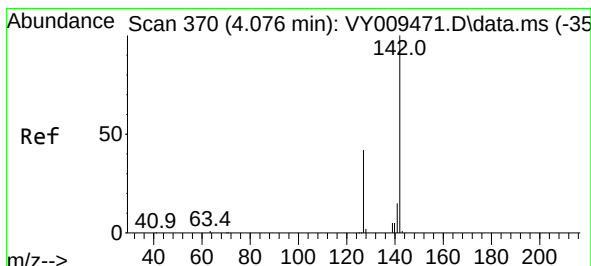
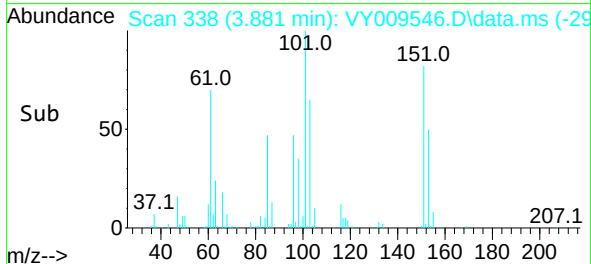
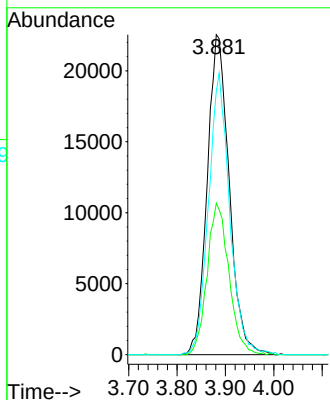
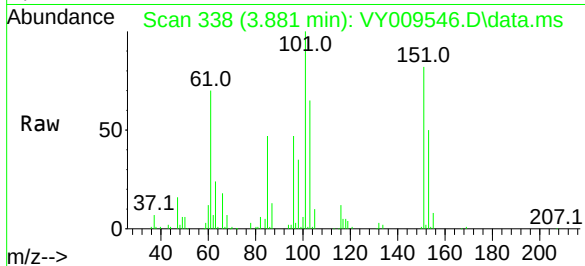




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.599 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009546.D
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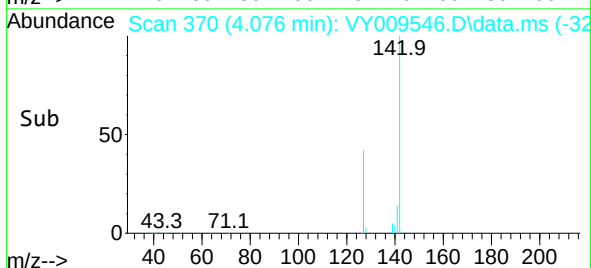
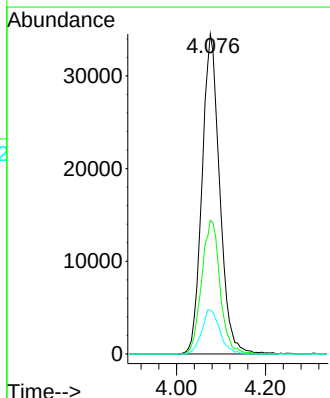
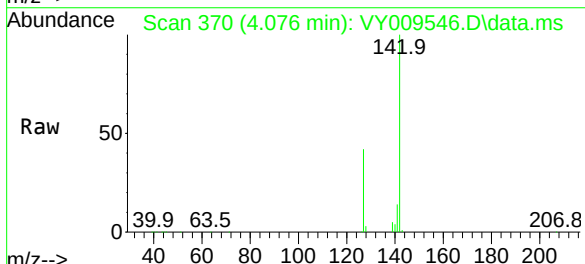
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ClientSampleId :
VSTDCCC050EC

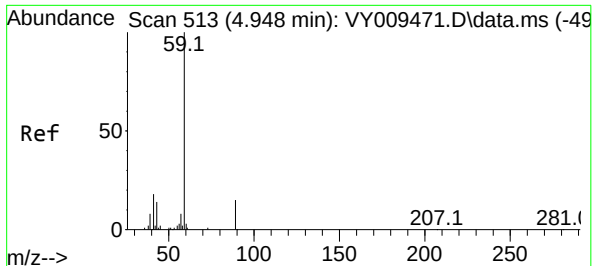
Tgt Ion:101 Resp: 71067
Ion Ratio Lower Upper
101 100
85 46.9 40.6 60.8
151 85.0 64.9 97.3



#10
Methyl Iodide
Concen: 51.502 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion:142 Resp: 95567
Ion Ratio Lower Upper
142 100
127 43.4 41.5 62.3
141 14.2 11.9 17.9

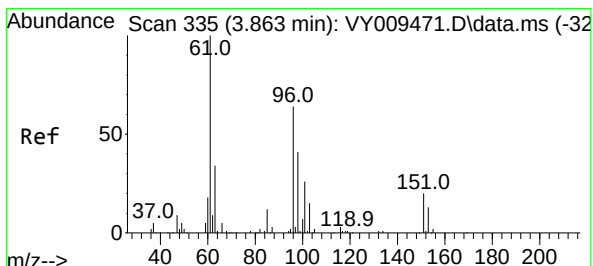
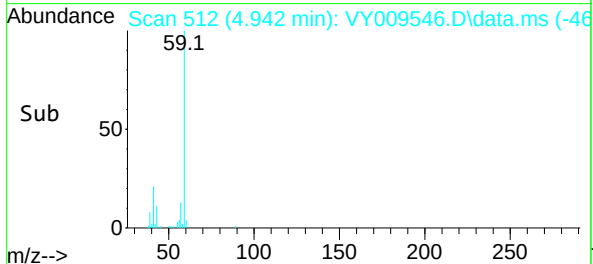
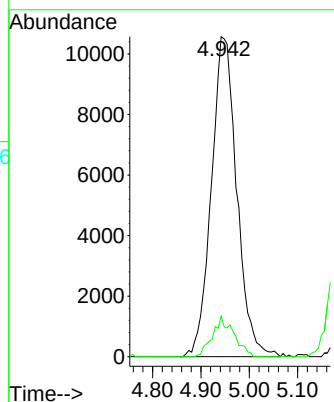
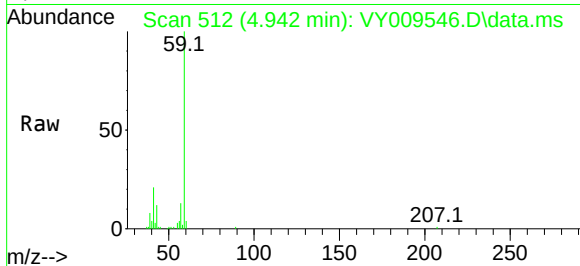




#11
Tert butyl alcohol
Concen: 185.100 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

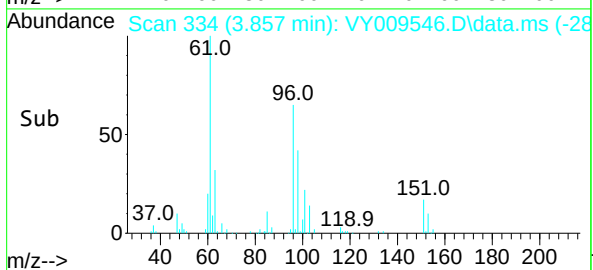
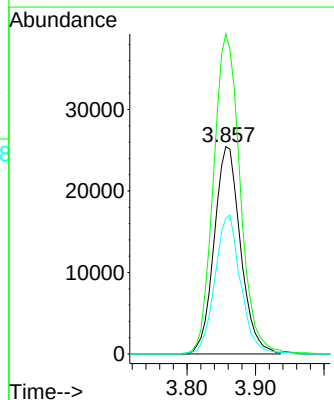
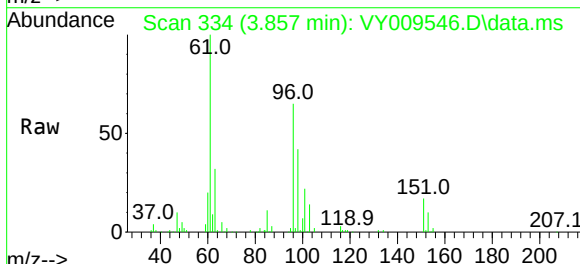
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

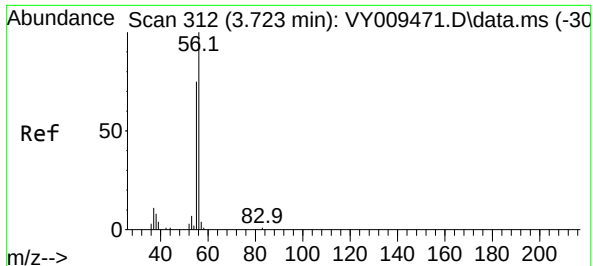
Tgt Ion: 59 Resp: 38653
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 53.112 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 96 Resp: 67848
Ion Ratio Lower Upper
96 100
61 154.3 145.8 218.6
98 65.3 52.5 78.7





#13

Acrolein

Concen: 183.406 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

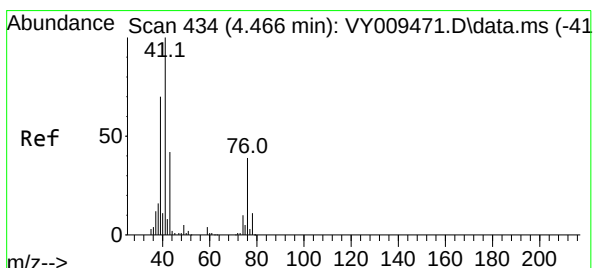
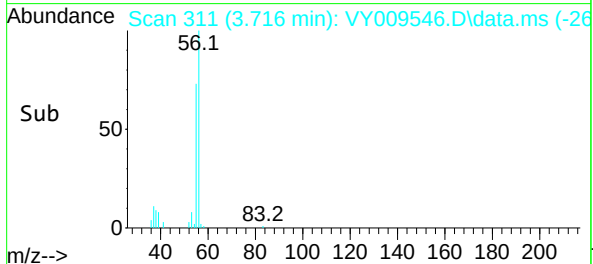
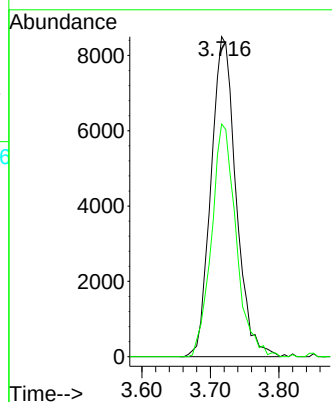
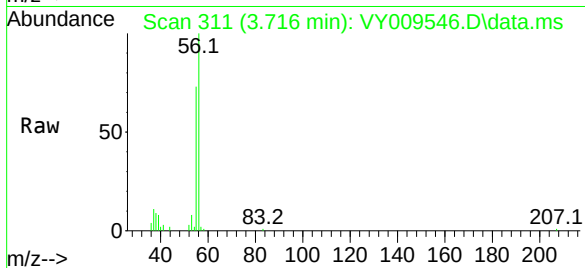
VSTDCCC050EC

Tgt Ion: 56 Resp: 21525

Ion Ratio Lower Upper

56 100

55 71.7 57.6 86.4



#14

Allyl chloride

Concen: 52.850 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

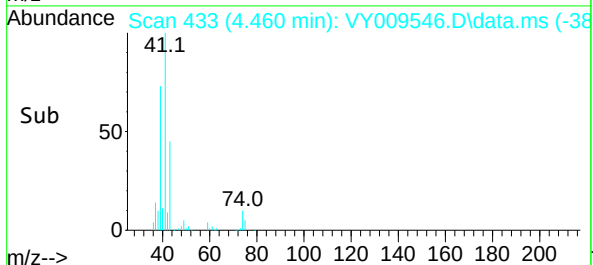
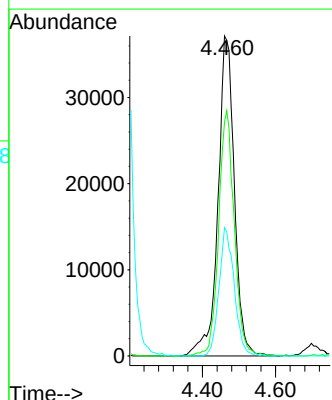
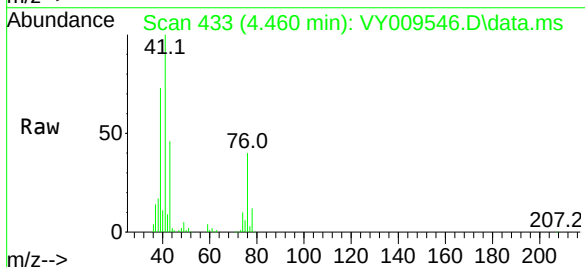
Tgt Ion: 41 Resp: 116159

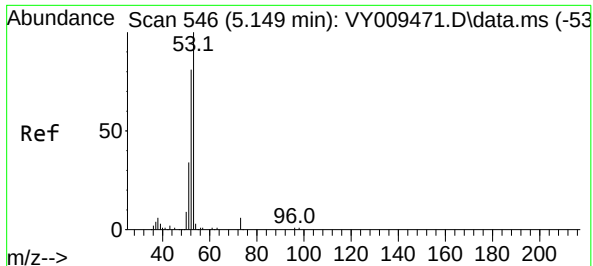
Ion Ratio Lower Upper

41 100

39 72.9 58.8 88.2

76 37.1 25.1 37.7

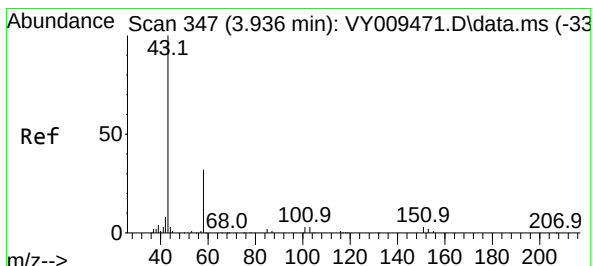
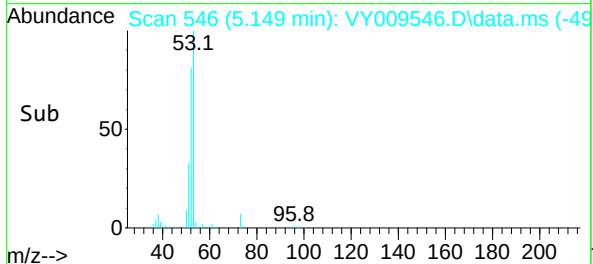
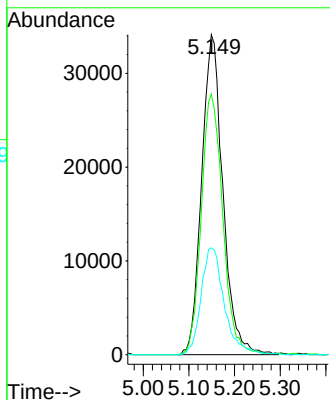
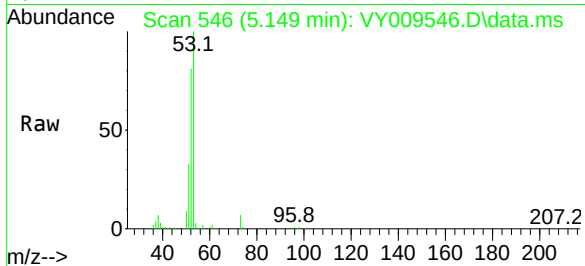




#15
Acrylonitrile
Concen: 257.600 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

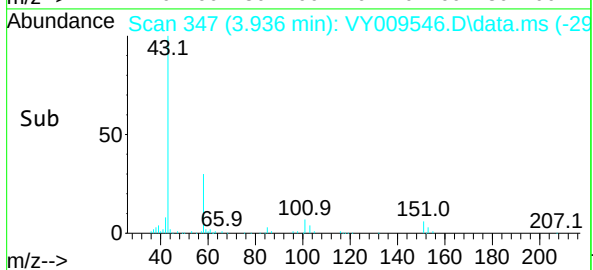
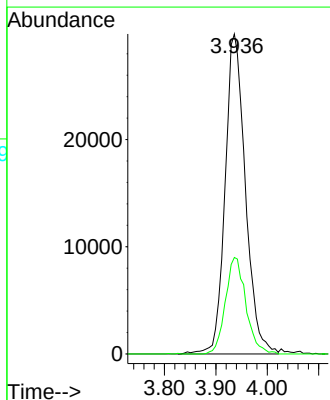
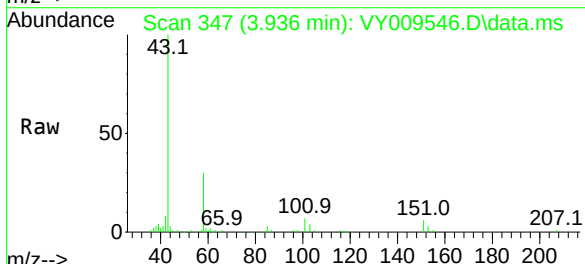
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

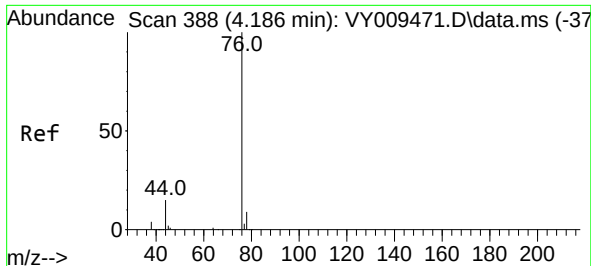
Tgt Ion: 53 Resp: 110234
Ion Ratio Lower Upper
53 100
52 82.5 67.0 100.4
51 36.6 29.8 44.6



#16
Acetone
Concen: 215.448 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 43 Resp: 81843
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

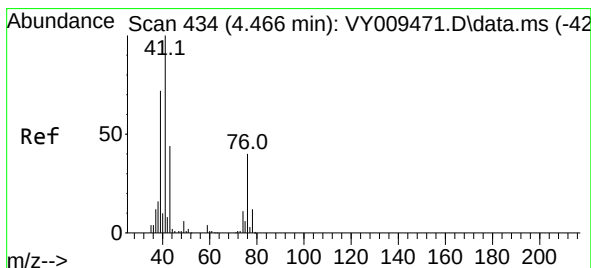
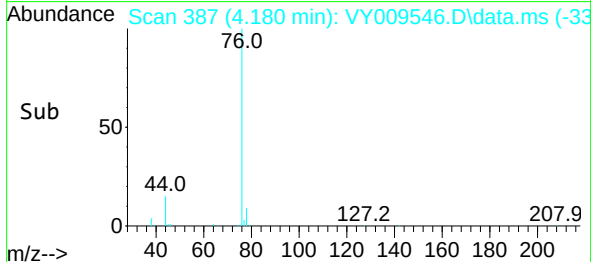
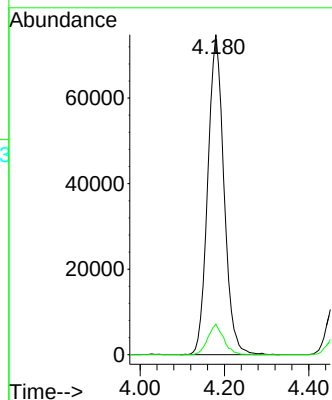
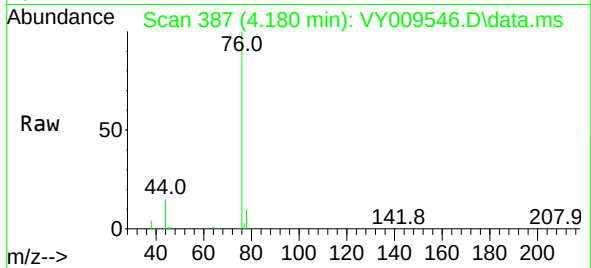




#17
Carbon Disulfide
Concen: 47.250 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

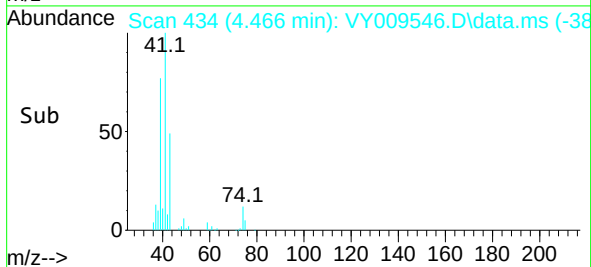
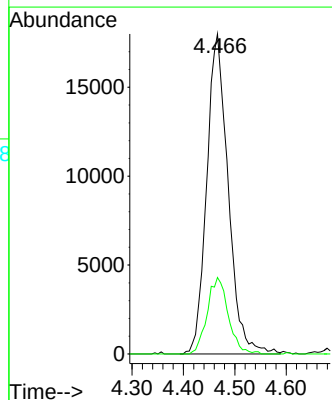
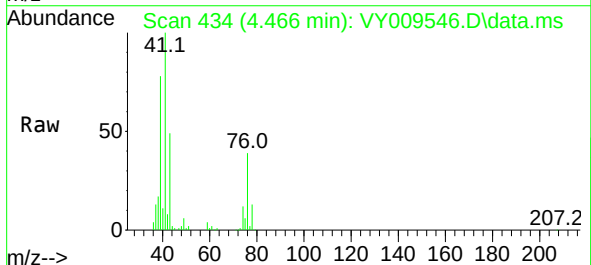
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

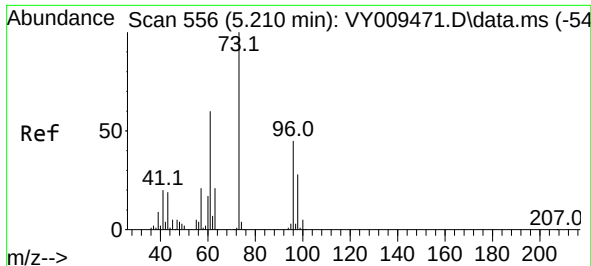
Tgt Ion: 76 Resp: 199449
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 46.789 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 43 Resp: 52186
Ion Ratio Lower Upper
43 100
74 23.5 16.6 24.8

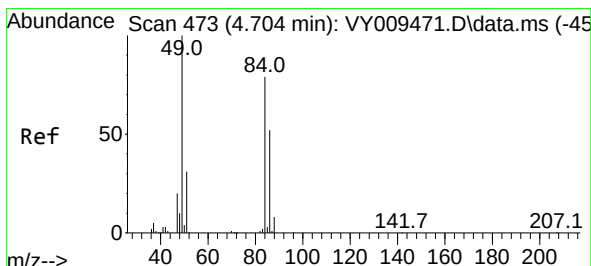
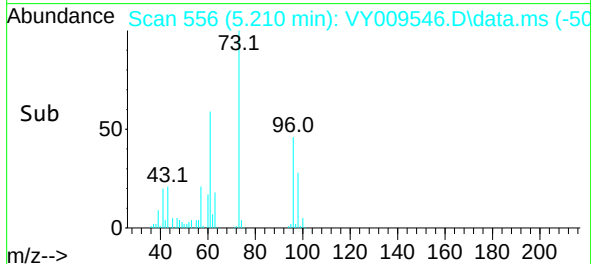
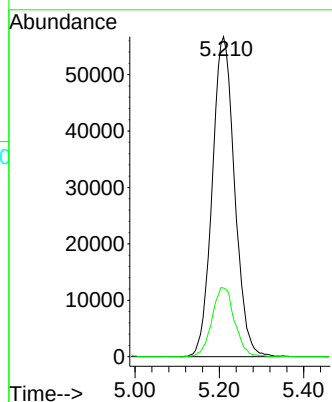
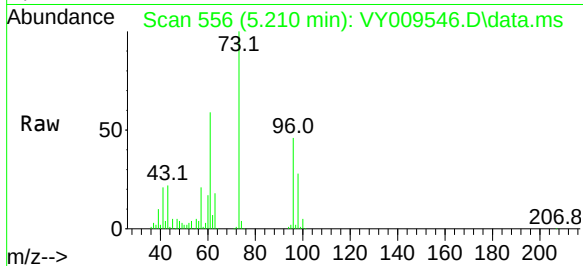




#19
Methyl tert-butyl Ether
Concen: 53.994 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

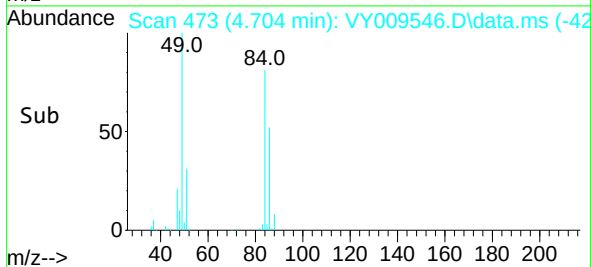
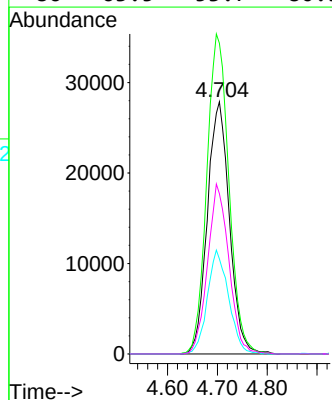
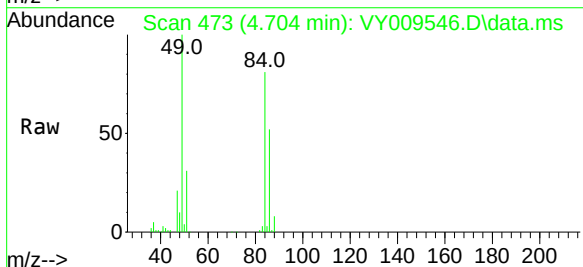
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

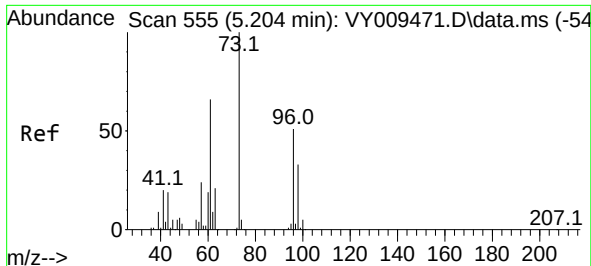
Tgt Ion: 73 Resp: 208760
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 47.390 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 84 Resp: 85680
Ion Ratio Lower Upper
84 100
49 123.2 114.4 171.6
51 37.7 35.3 52.9
86 63.5 53.7 80.5

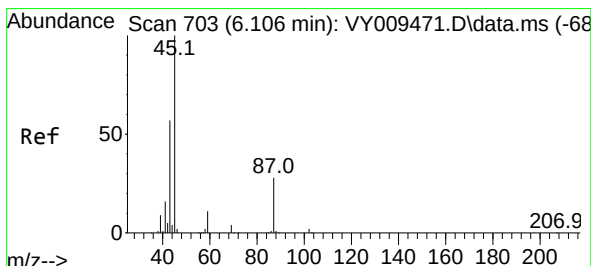
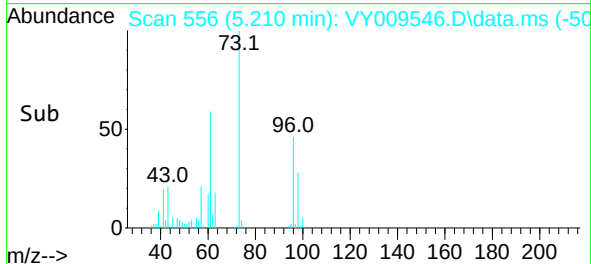
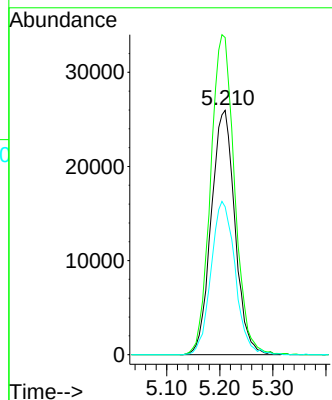
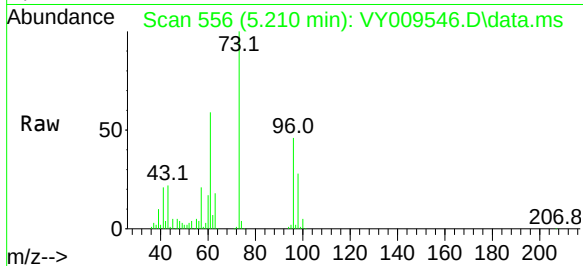




#21
trans-1,2-Dichloroethene
Concen: 53.912 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

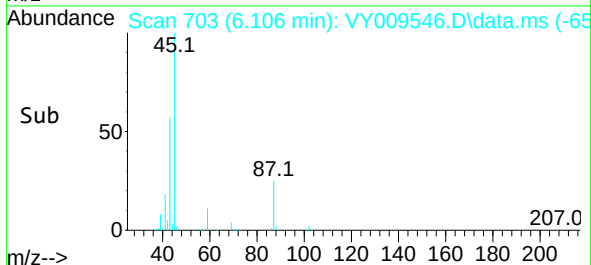
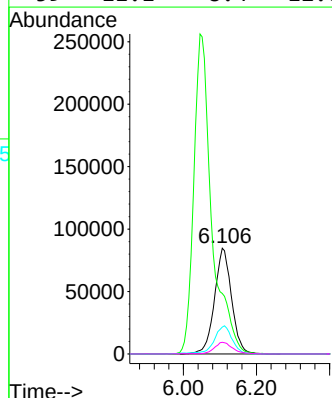
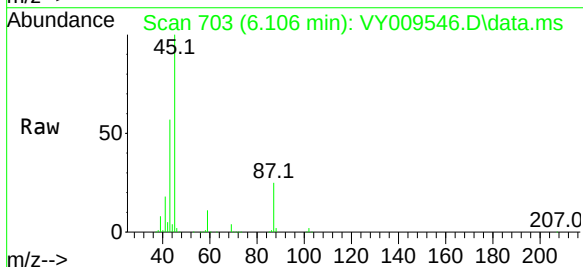
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

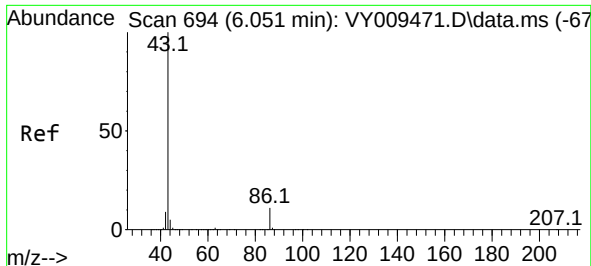
Tgt Ion: 96 Resp: 80695
Ion Ratio Lower Upper
96 100
61 129.7 120.5 180.7
98 60.5 49.8 74.8



#22
Diisopropyl ether
Concen: 58.819 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 45 Resp: 274844
Ion Ratio Lower Upper
45 100
43 57.0 49.3 73.9
87 25.4 19.2 28.8
59 11.1 8.4 12.6

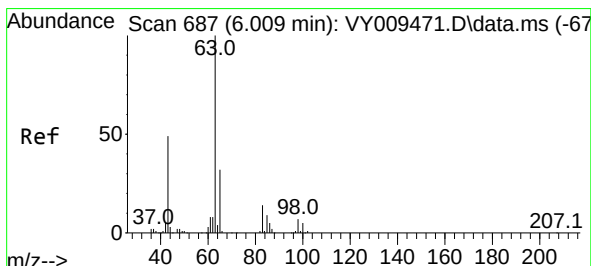
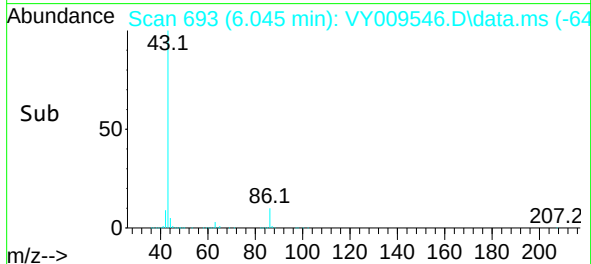
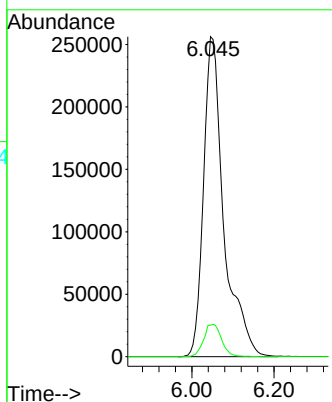
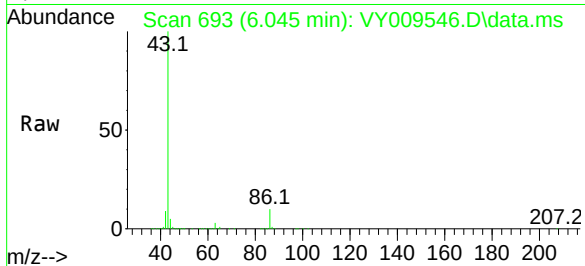




#23
 Vinyl Acetate
 Concen: 269.682 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

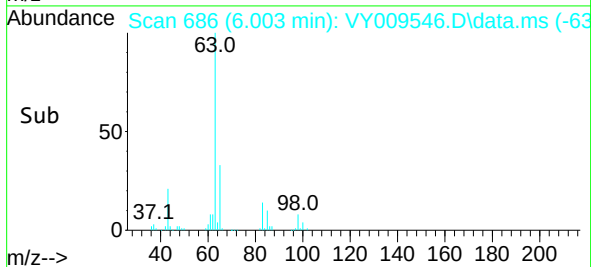
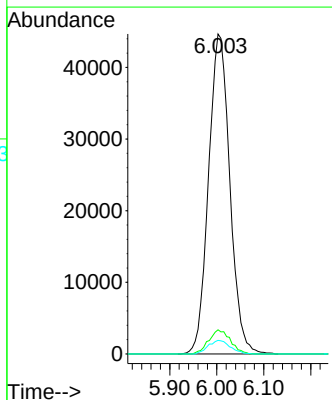
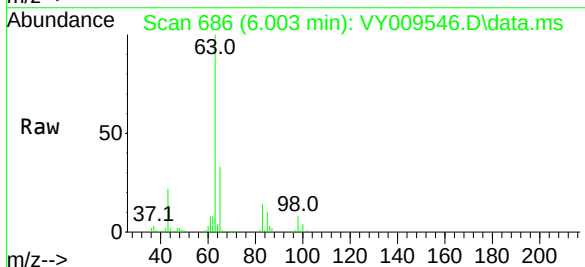
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

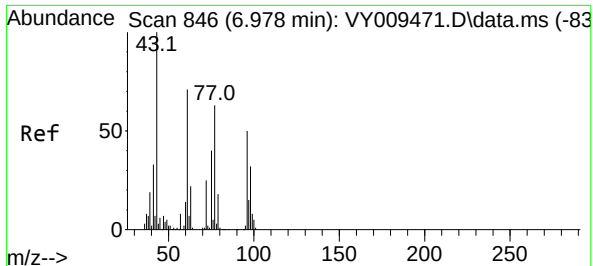
Tgt Ion: 43 Resp: 875575
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 53.368 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

Tgt Ion: 63 Resp: 140627
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.3 2.0 5.8

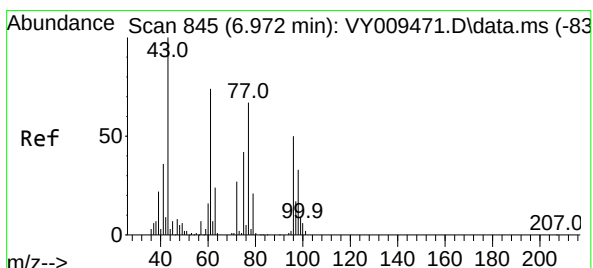
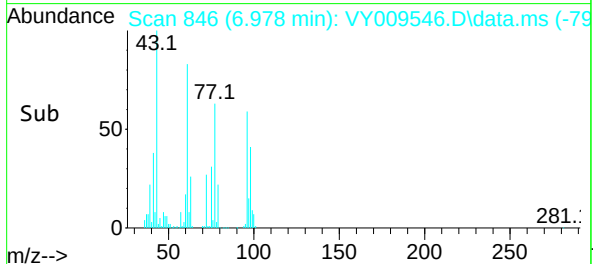
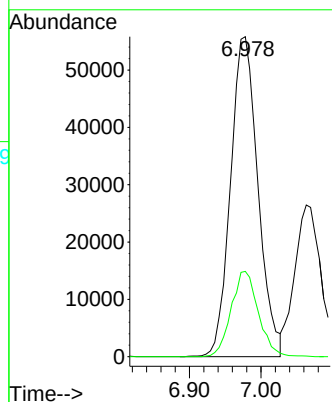
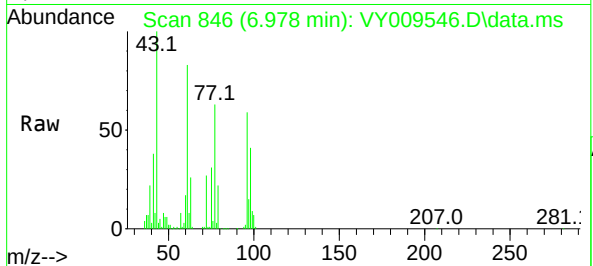




#25
2-Butanone
Concen: 242.255 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

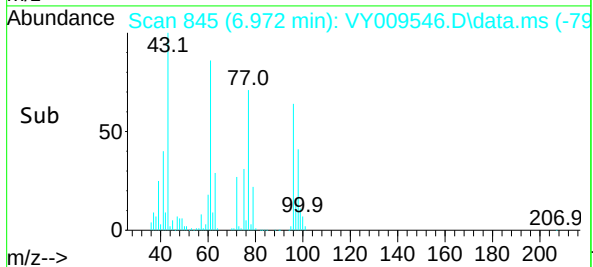
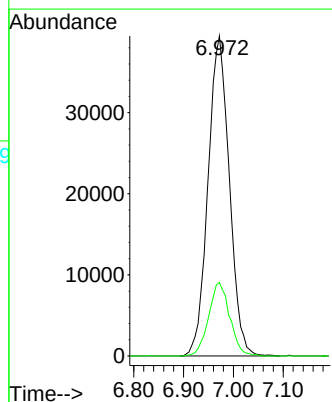
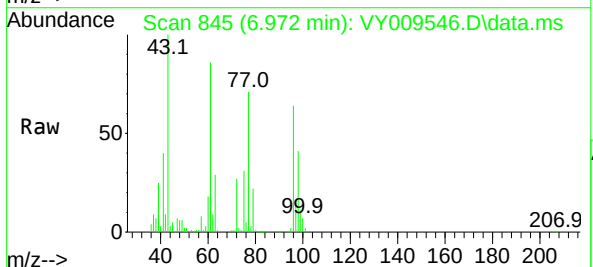
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

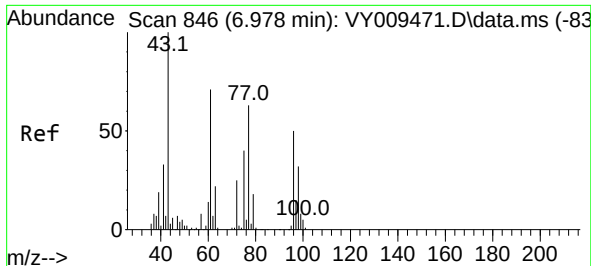
Tgt Ion: 43 Resp: 148869
Ion Ratio Lower Upper
43 100
72 26.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 45.054 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 77 Resp: 117011
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.051 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

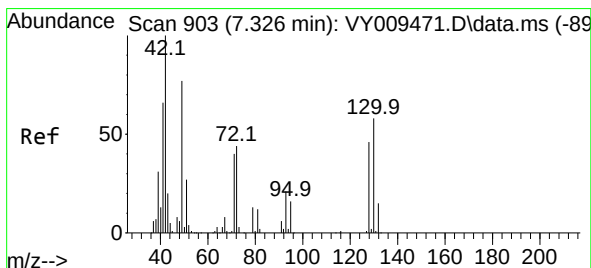
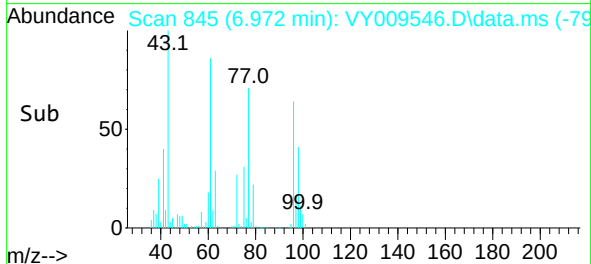
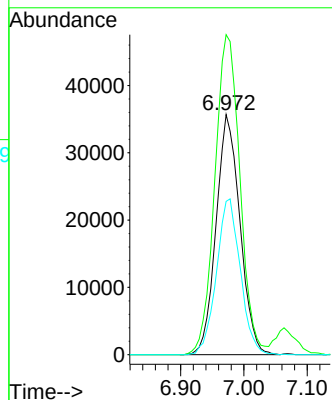
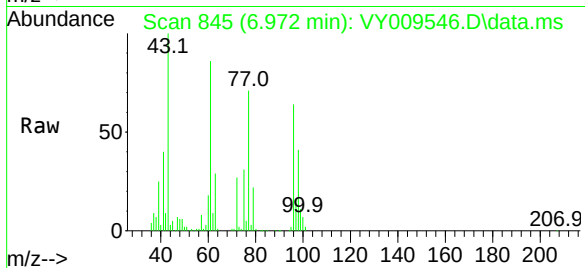
Tgt Ion: 96 Resp: 93485

Ion Ratio Lower Upper

96 100

61 140.3 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 53.099 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

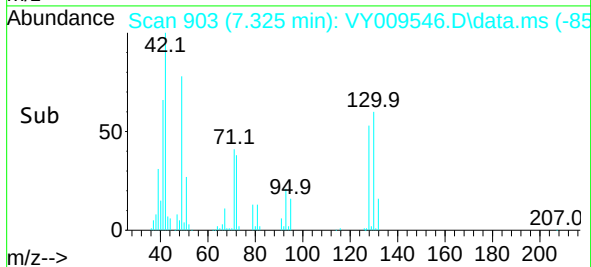
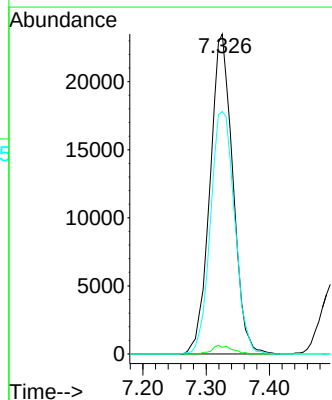
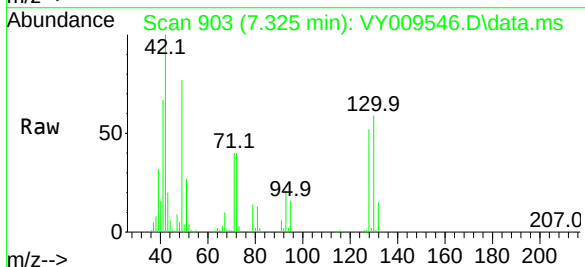
Tgt Ion: 49 Resp: 58808

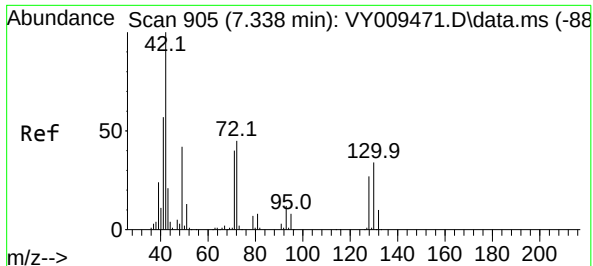
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 80.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 260.903 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

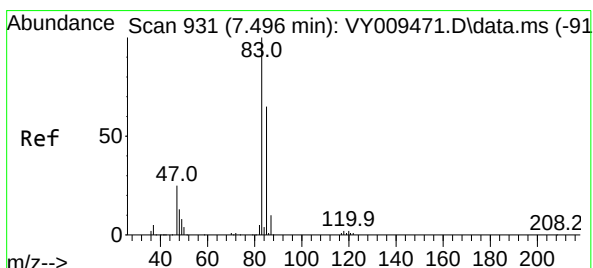
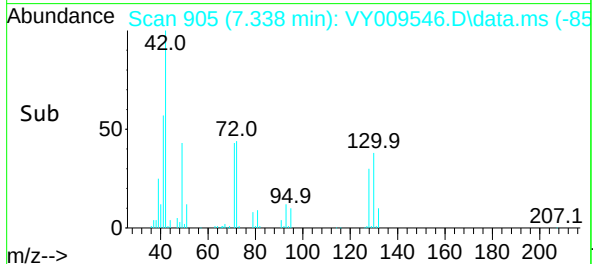
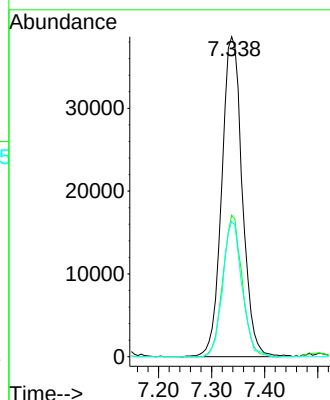
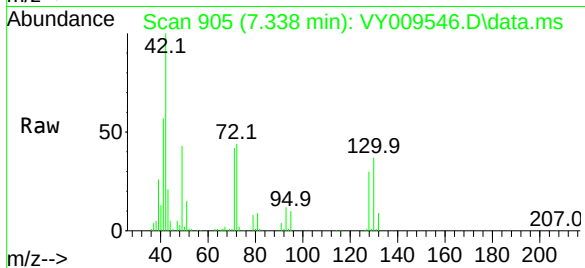
Tgt Ion: 42 Resp: 103700

Ion Ratio Lower Upper

42 100

72 41.5 30.3 45.5

71 40.0 29.0 43.4



#30

Chloroform

Concen: 51.922 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009546.D

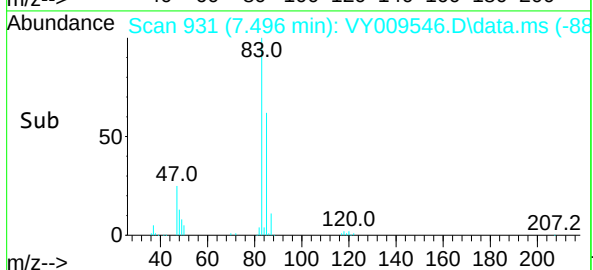
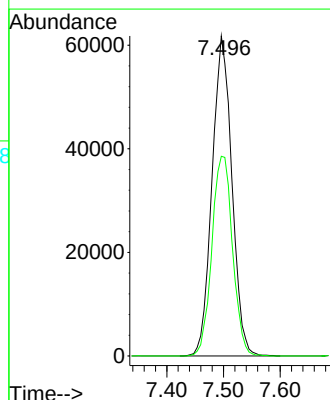
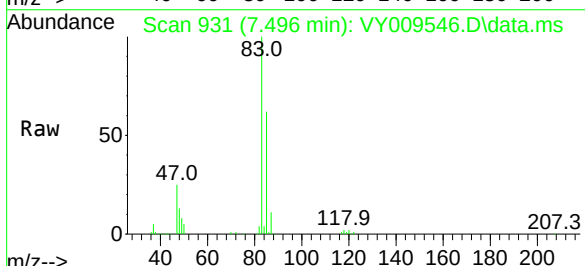
Acq: 12 Jul 2022 20:29

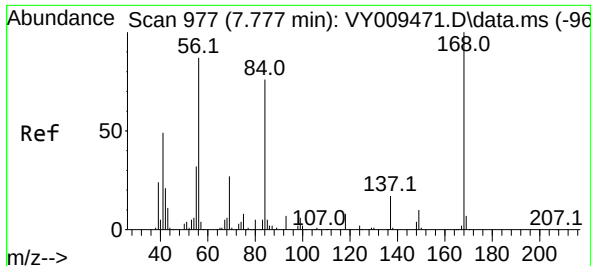
Tgt Ion: 83 Resp: 149739

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6

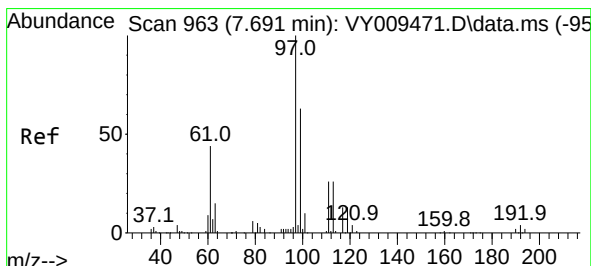
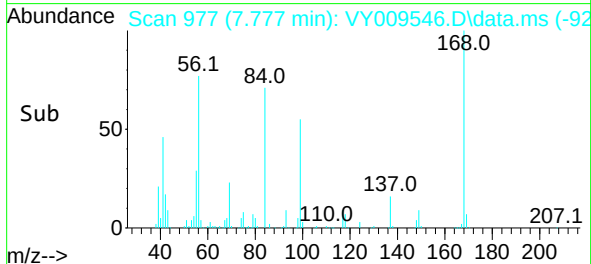
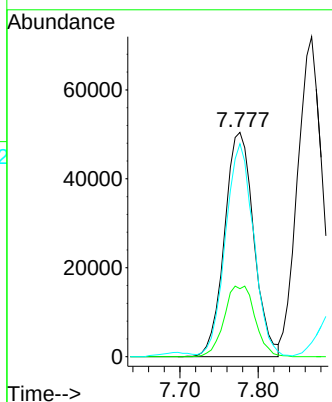
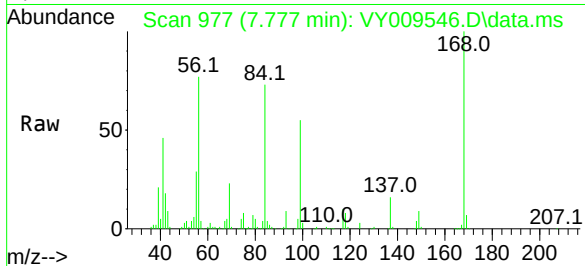




#31
Cyclohexane
Concen: 51.126 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

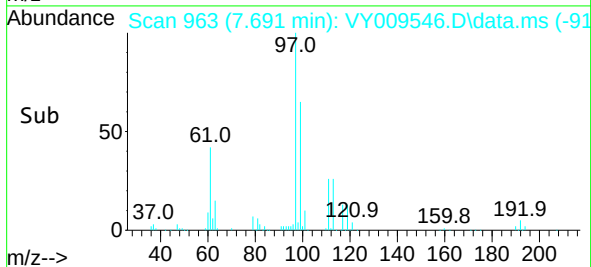
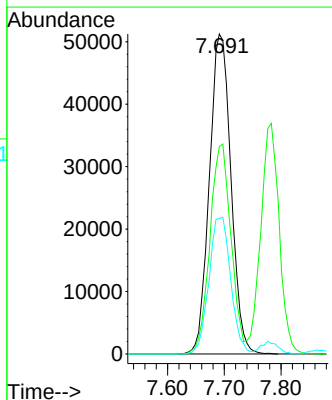
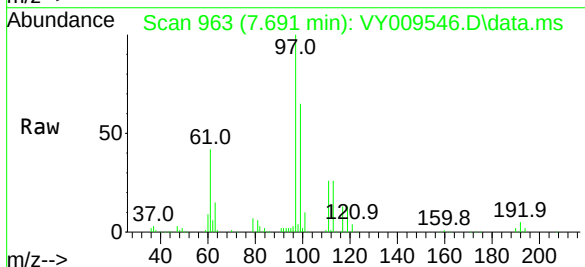
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

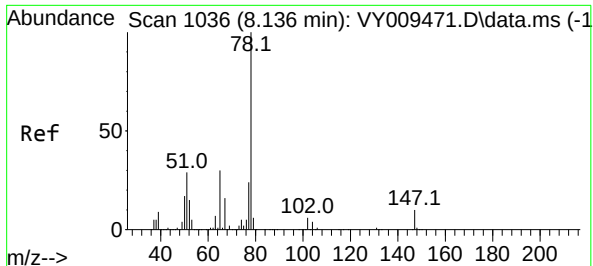
Tgt Ion: 56 Resp: 130980
Ion Ratio Lower Upper
56 100
69 30.3 26.7 40.1
84 93.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.170 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 97 Resp: 135191
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.245 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

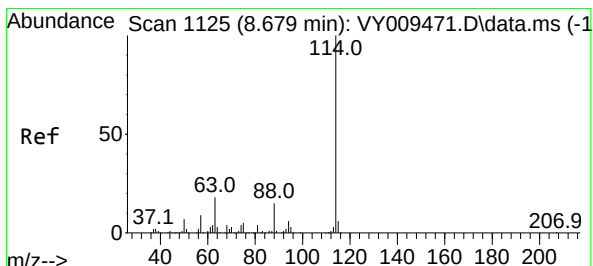
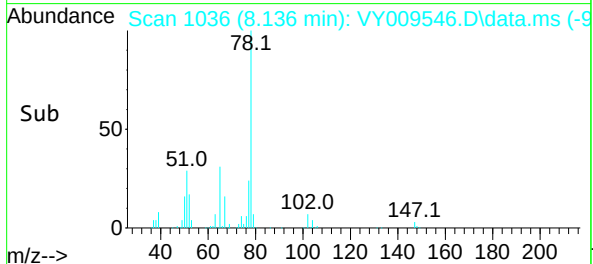
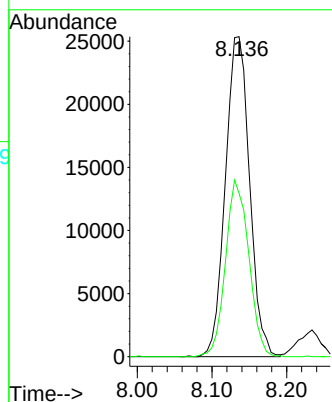
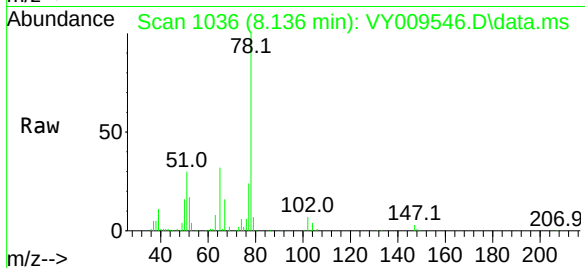
VSTDCCC050EC

Tgt Ion: 65 Resp: 57149

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

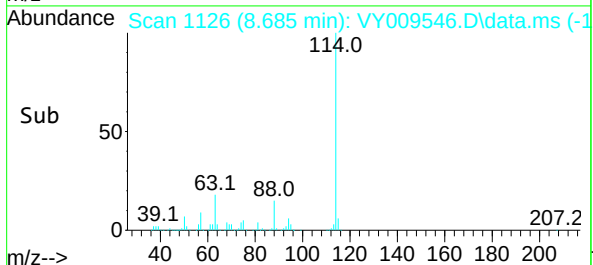
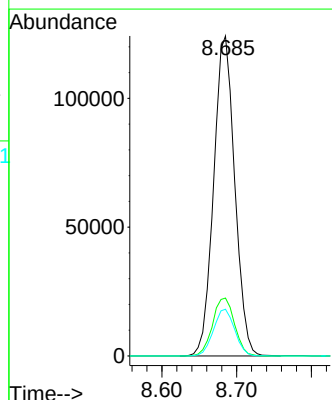
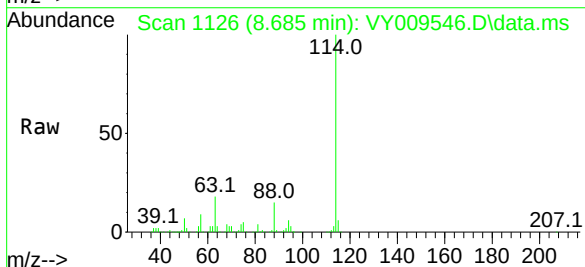
Tgt Ion: 114 Resp: 243654

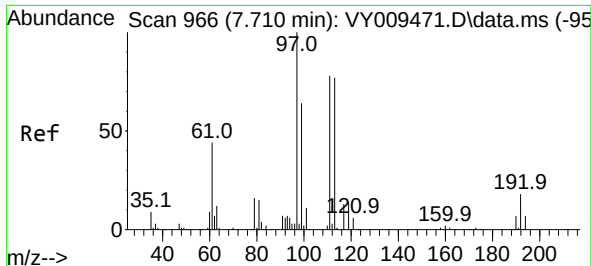
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.6 0.0 31.8

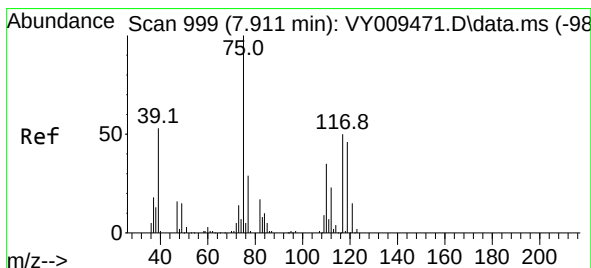
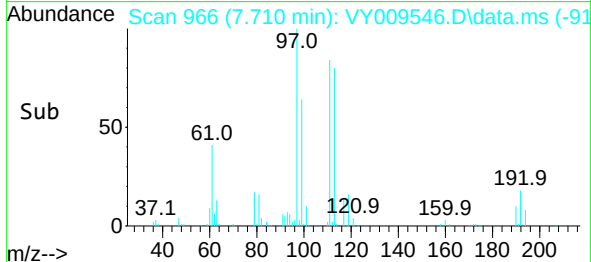
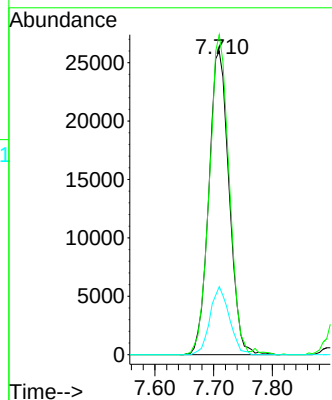
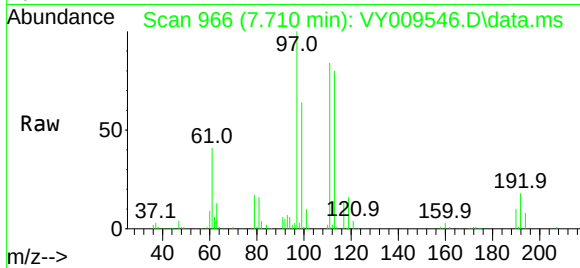




#35
Dibromofluoromethane
Concen: 48.567 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

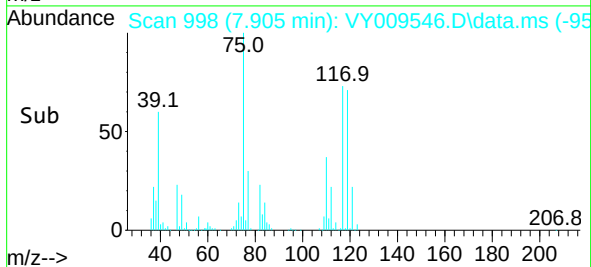
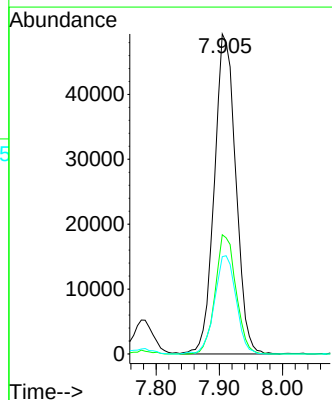
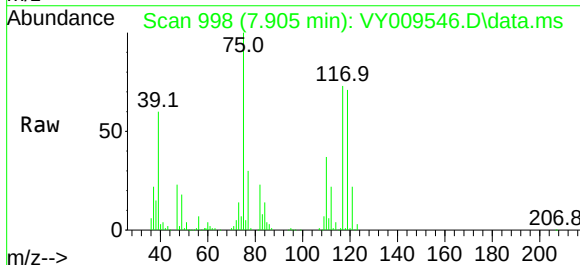
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

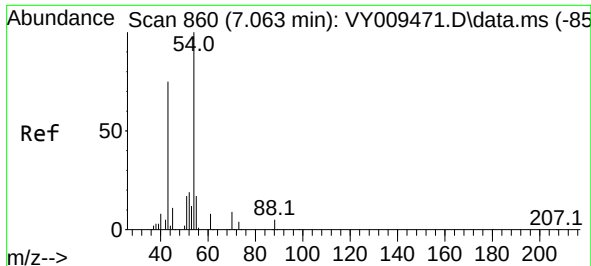
Tgt Ion:113 Resp: 62264
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 55.564 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 75 Resp: 115972
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 30.9 24.4 36.6

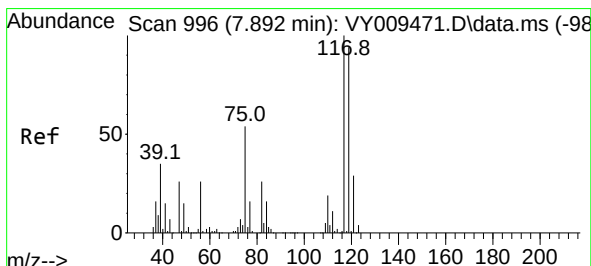
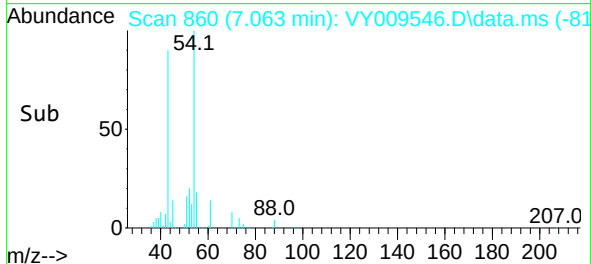
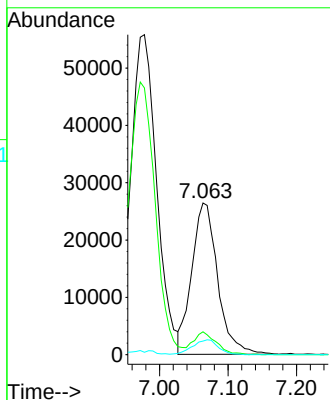
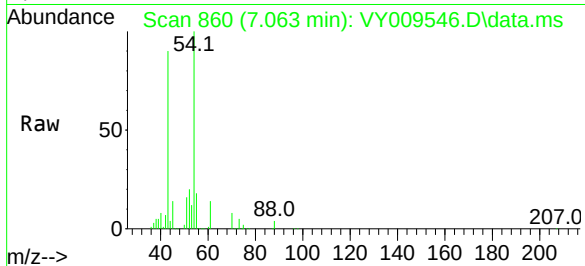




#37
Ethyl Acetate
Concen: 53.106 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

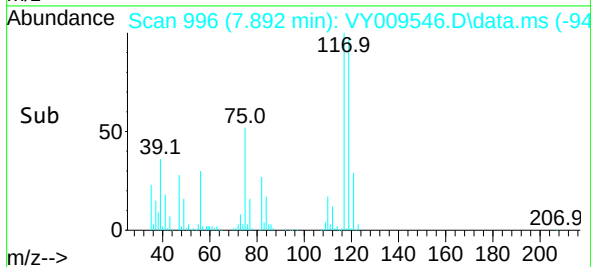
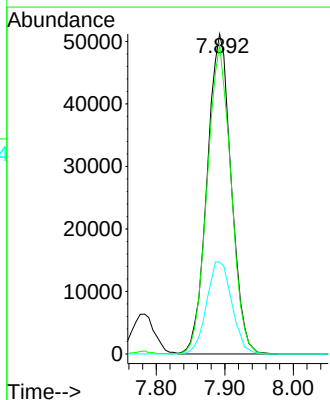
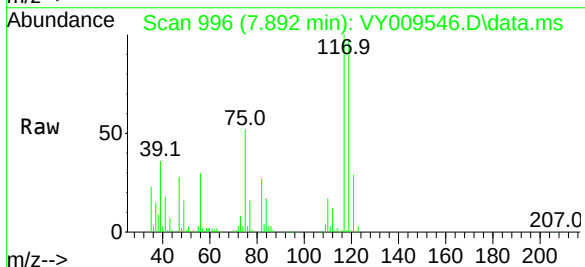
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

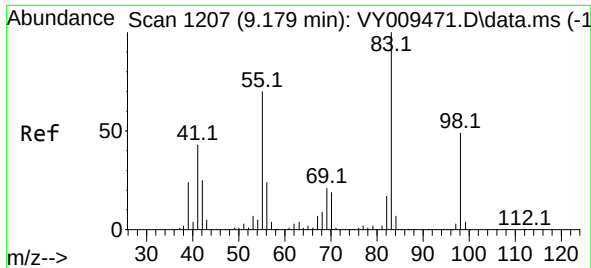
Tgt Ion: 43 Resp: 69480
Ion Ratio Lower Upper
43 100
61 13.0 9.7 14.5
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.946 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 117 Resp: 124884
Ion Ratio Lower Upper
117 100
119 96.6 77.9 116.9
121 28.7 24.8 37.2





#39

Methylcyclohexane

Concen: 57.203 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

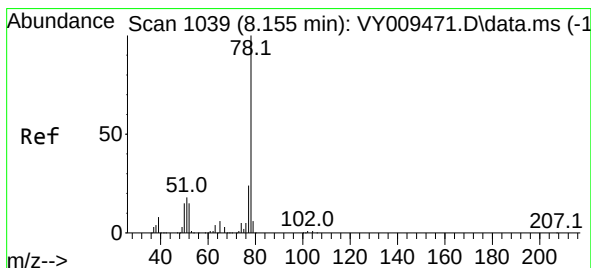
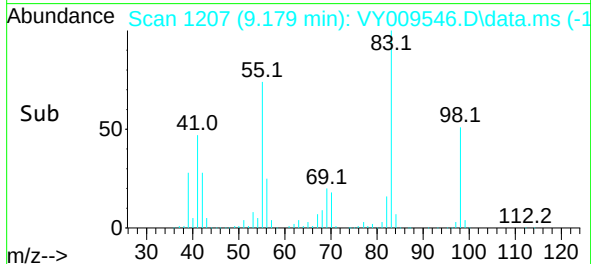
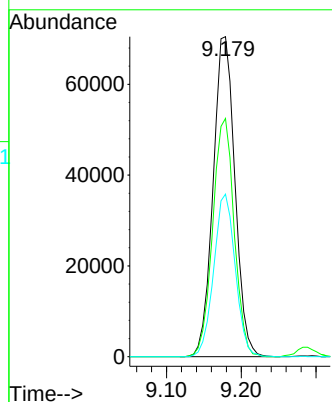
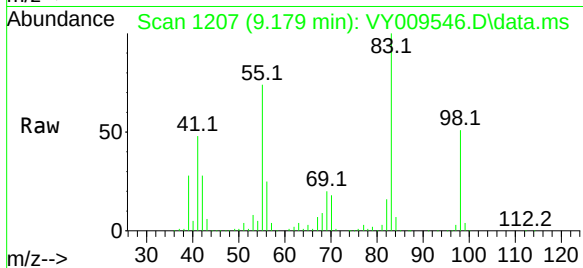
Tgt Ion: 83 Resp: 143316

Ion Ratio Lower Upper

83 100

55 74.5 66.5 99.7

98 50.8 37.9 56.9



#40

Benzene

Concen: 54.595 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009546.D

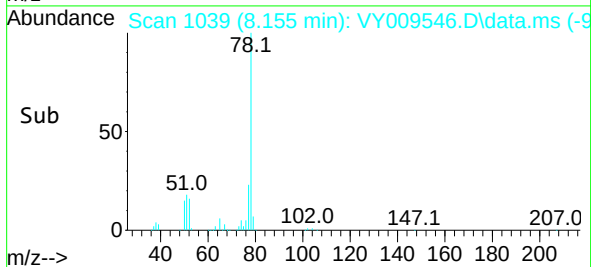
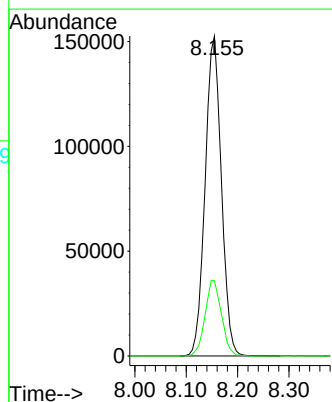
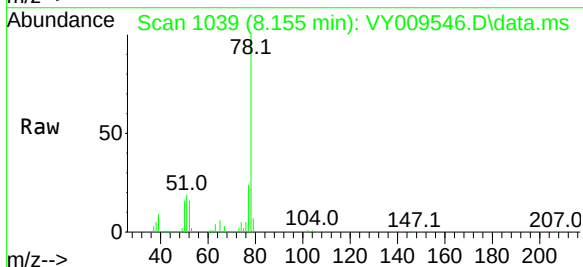
Acq: 12 Jul 2022 20:29

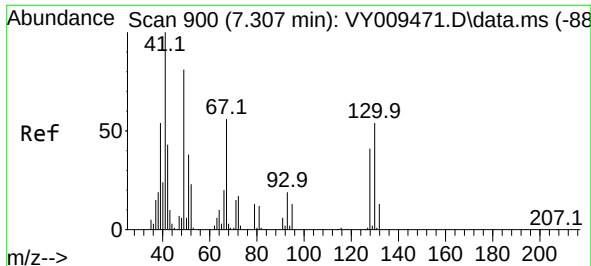
Tgt Ion: 78 Resp: 334610

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

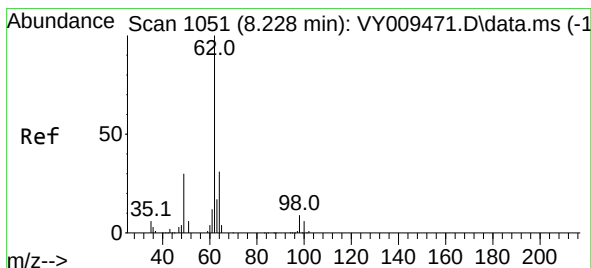
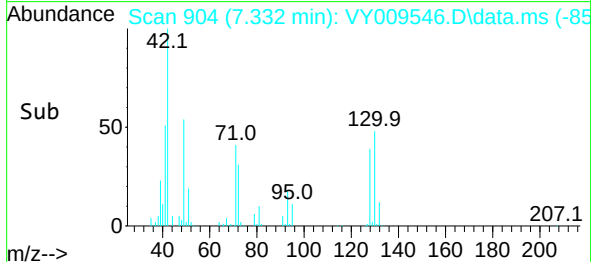
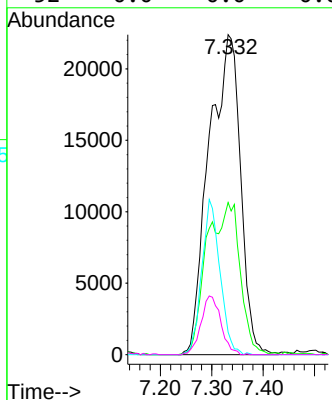
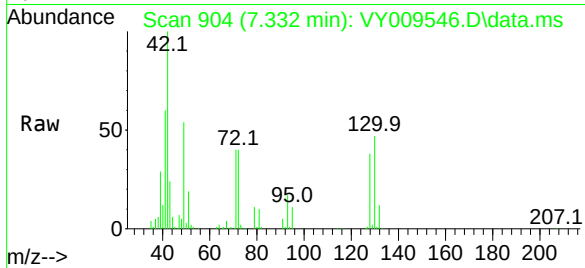




#41
Methacrylonitrile
Concen: 139.953 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

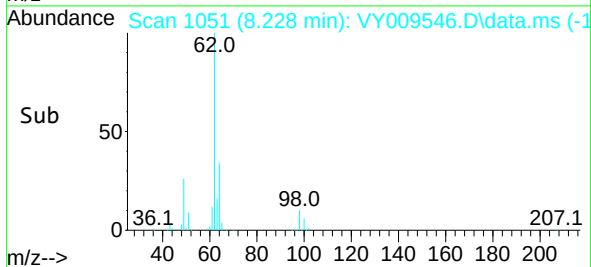
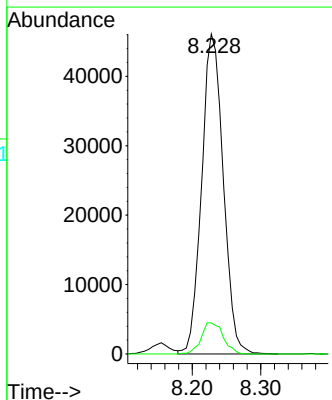
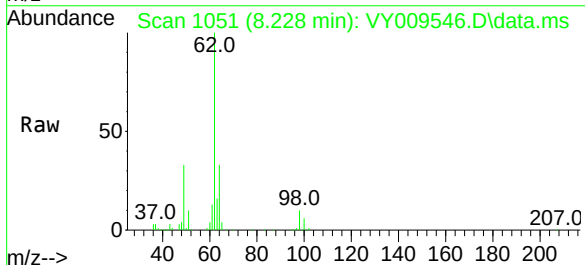
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

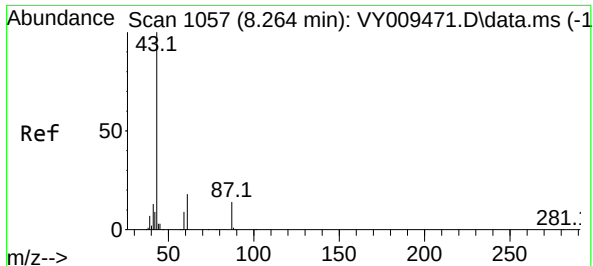
Tgt Ion: 41 Resp: 95079
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.917 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 62 Resp: 101051
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

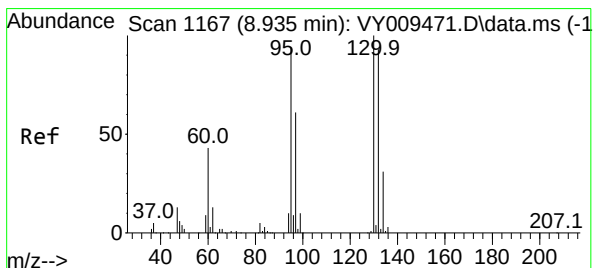
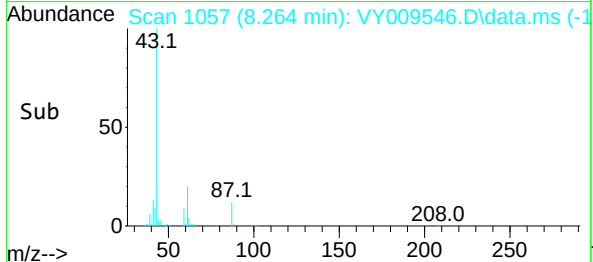
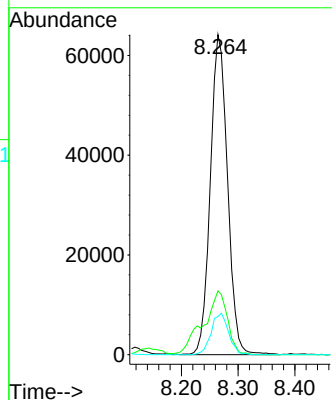
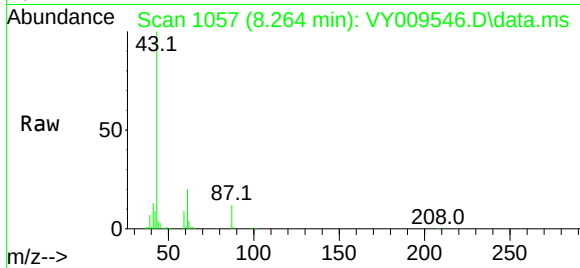




#43
Isopropyl Acetate
Concen: 55.364 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

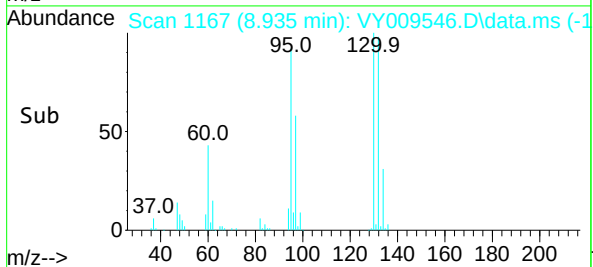
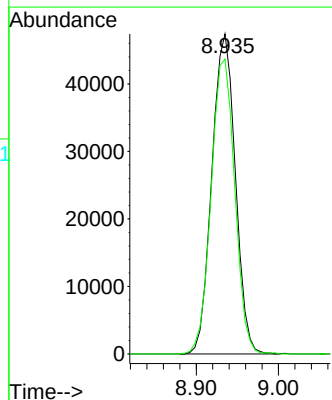
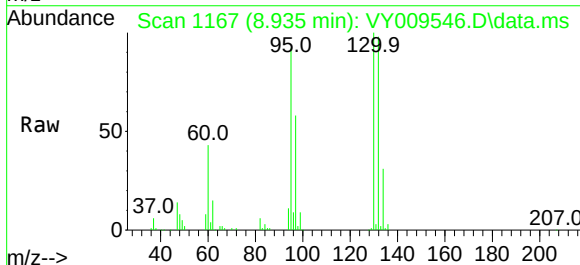
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

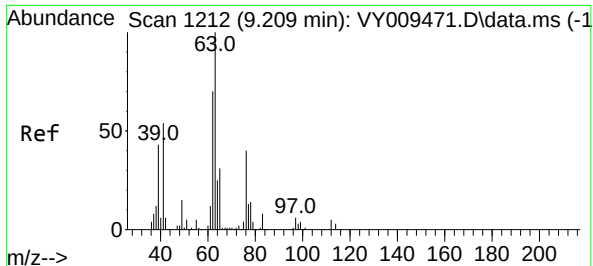
Tgt Ion: 43 Resp: 135151
Ion Ratio Lower Upper
43 100
61 28.0 20.2 30.2
87 13.1 8.9 13.3



#44
Trichloroethene
Concen: 54.351 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion:130 Resp: 94104
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.912 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

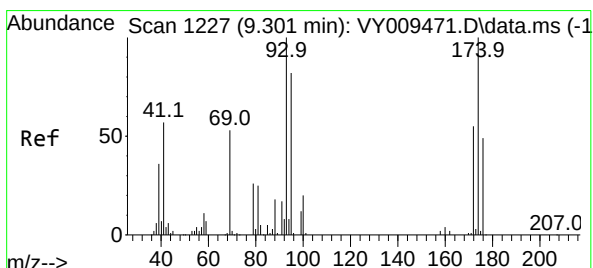
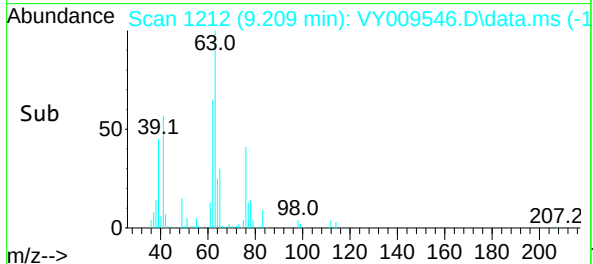
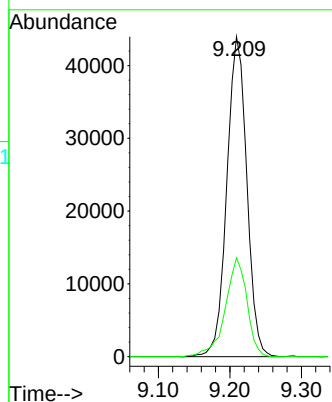
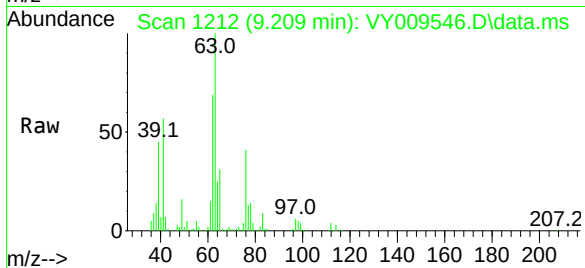
VSTDCCC050EC

Tgt Ion: 63 Resp: 85172

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 55.385 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

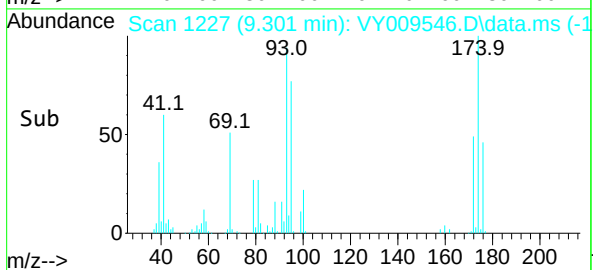
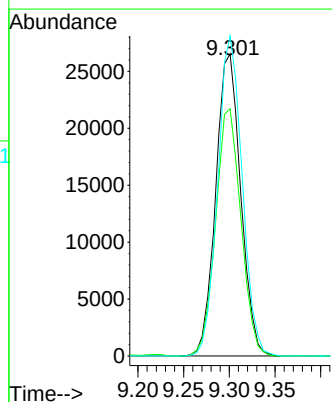
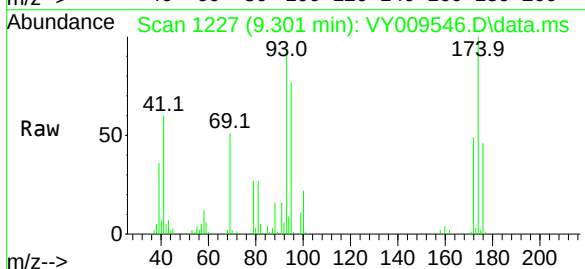
Tgt Ion: 93 Resp: 50420

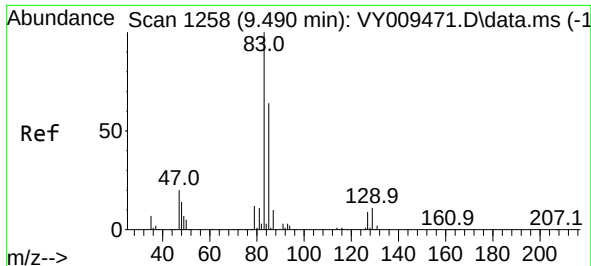
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 103.7 83.4 125.0

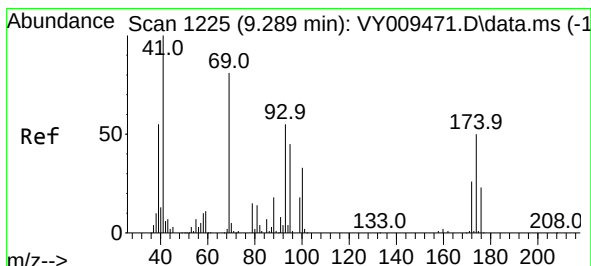
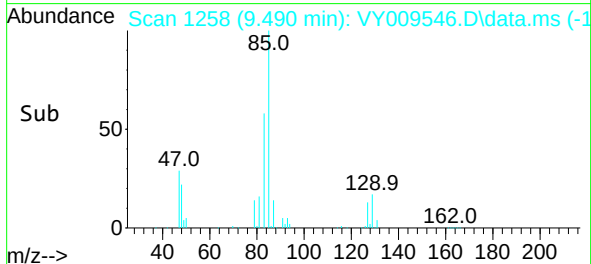
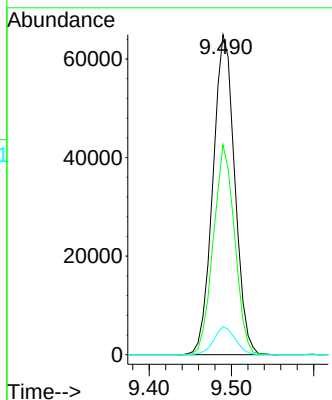
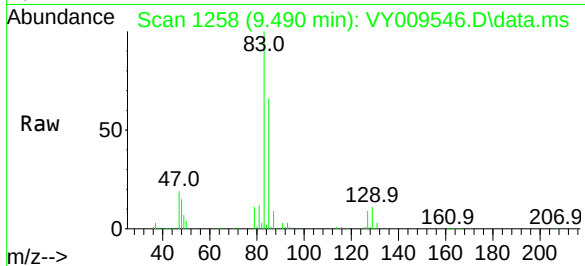




#47
Bromodichloromethane
Concen: 55.337 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

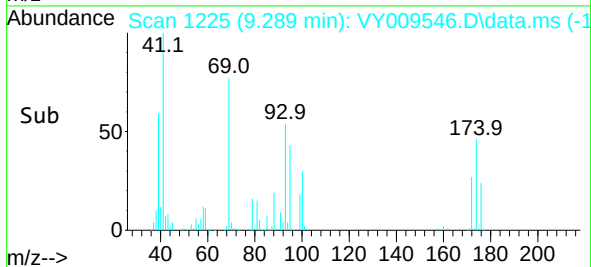
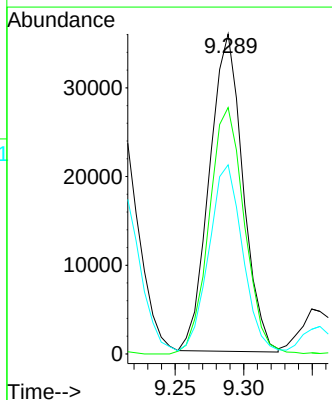
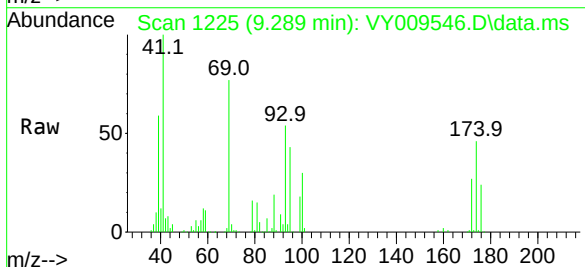
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

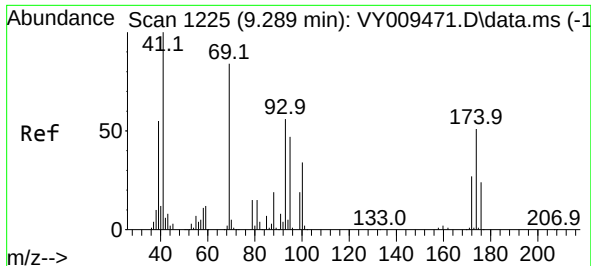
Tgt Ion: 83 Resp: 119905
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 57.927 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 41 Resp: 60925
Ion Ratio Lower Upper
41 100
69 81.7 58.2 87.2
39 58.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1069.923 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

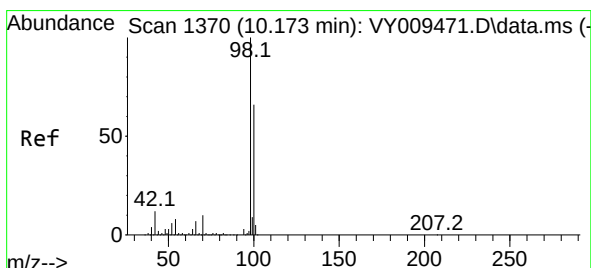
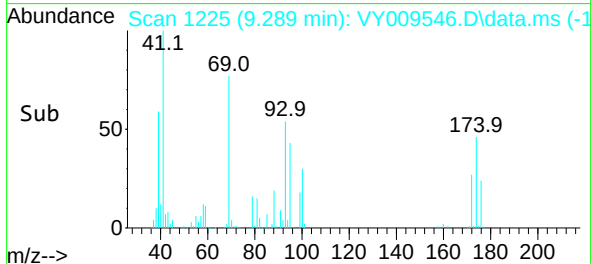
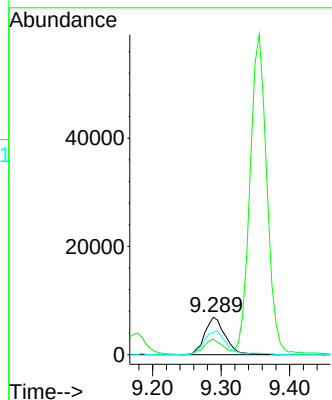
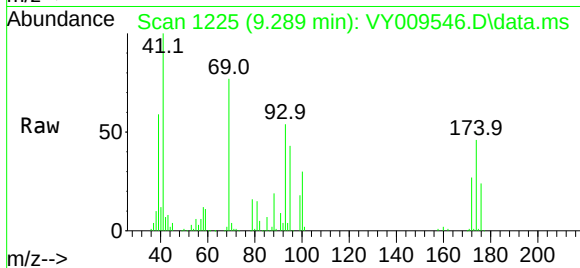
Tgt Ion: 88 Resp: 14344

Ion Ratio Lower Upper

88 100

43 38.4 32.8 49.2

58 65.9 59.8 89.6



#50

Toluene-d8

Concen: 53.328 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009546.D

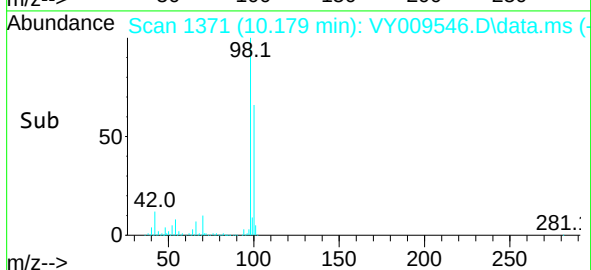
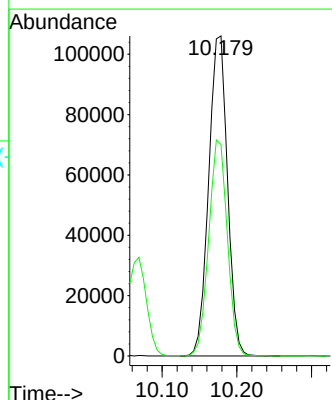
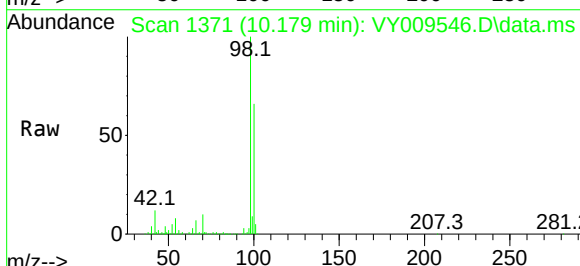
Acq: 12 Jul 2022 20:29

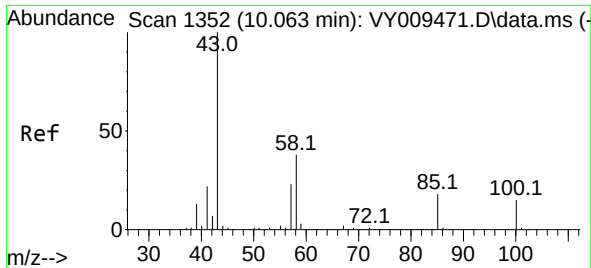
Tgt Ion: 98 Resp: 185550

Ion Ratio Lower Upper

98 100

100 67.0 50.2 75.2

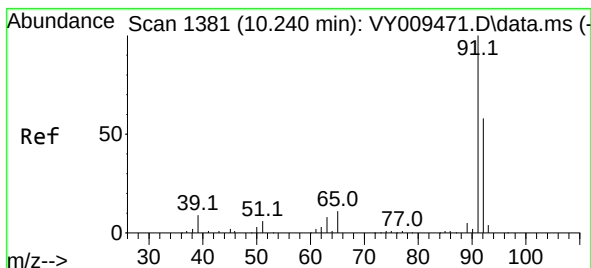
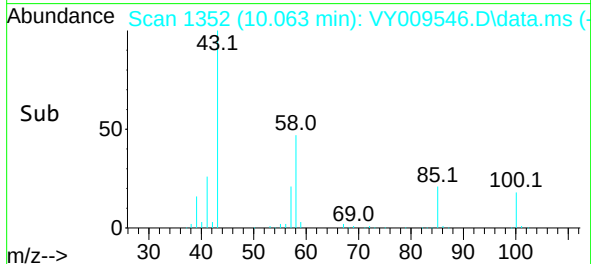
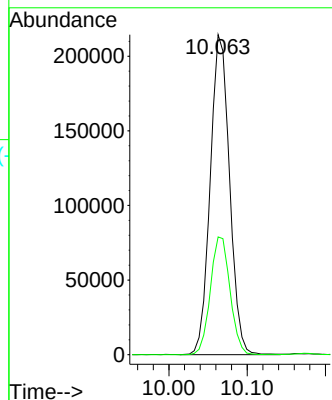
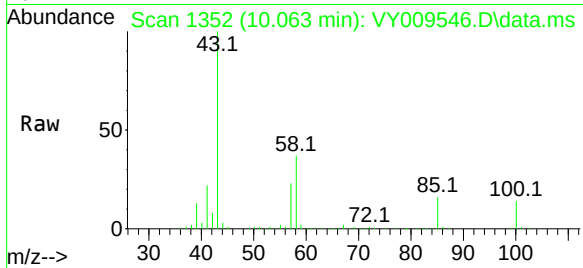




#51
4-Methyl-2-Pentanone
Concen: 286.037 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

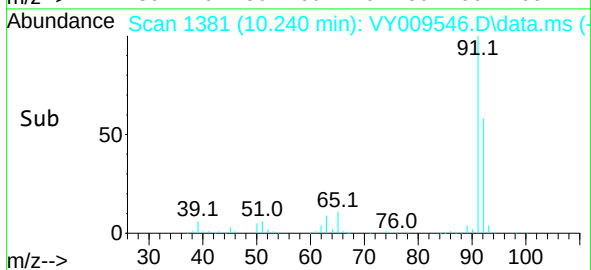
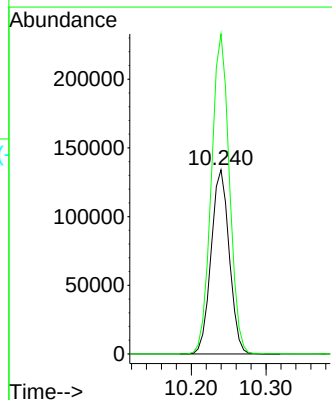
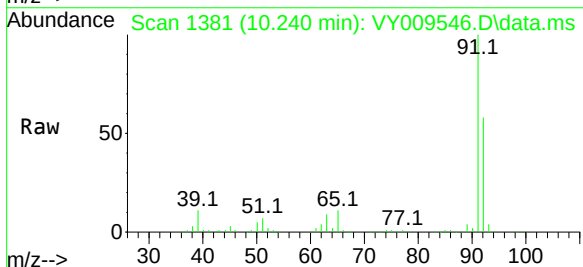
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

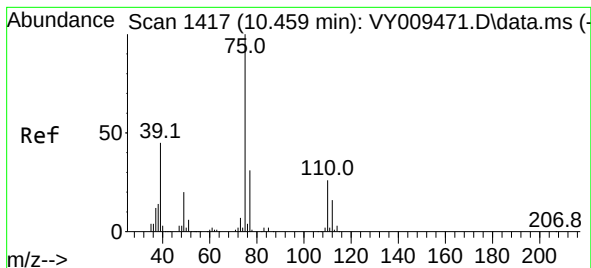
Tgt Ion: 43 Resp: 367208
Ion Ratio Lower Upper
43 100
58 37.5 28.1 42.1



#52
Toluene
Concen: 57.899 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 92 Resp: 226130
Ion Ratio Lower Upper
92 100
91 173.3 142.6 213.8

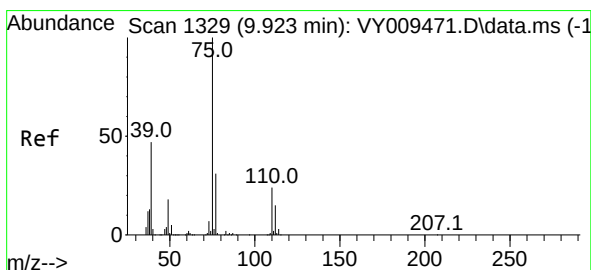
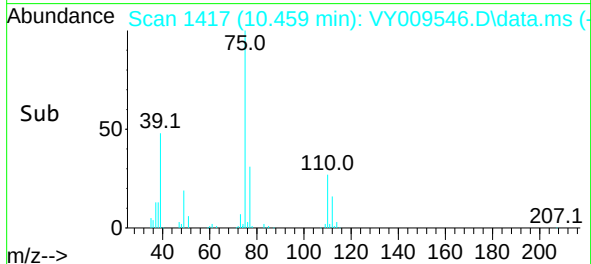
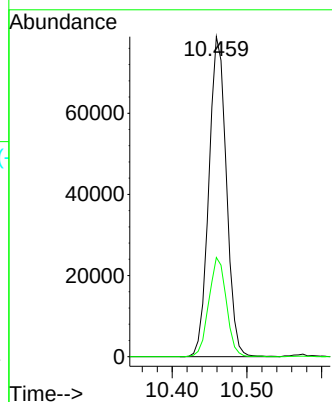
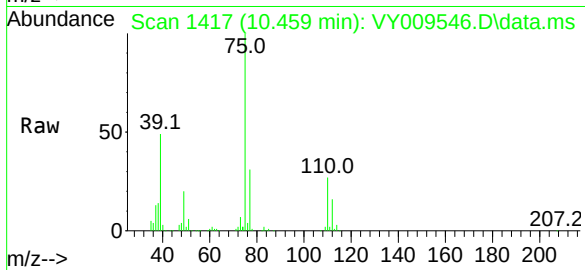




#53
t-1,3-Dichloropropene
Concen: 56.297 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

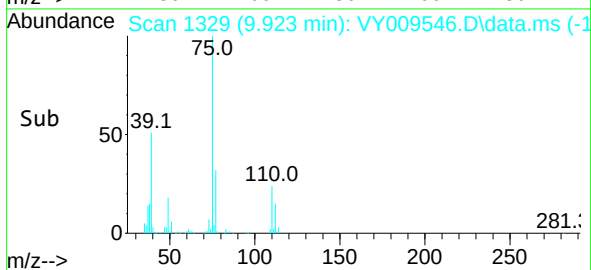
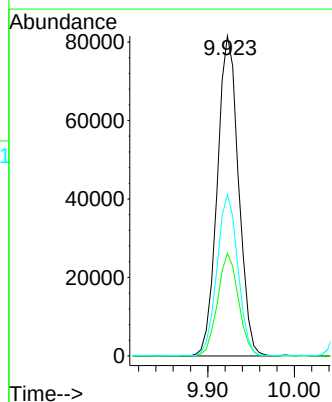
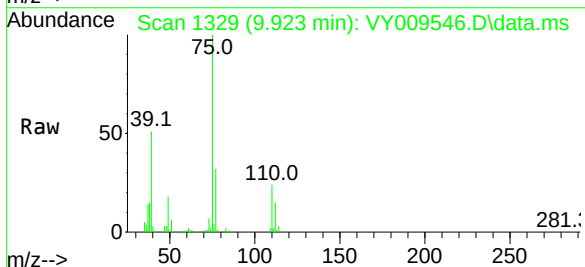
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

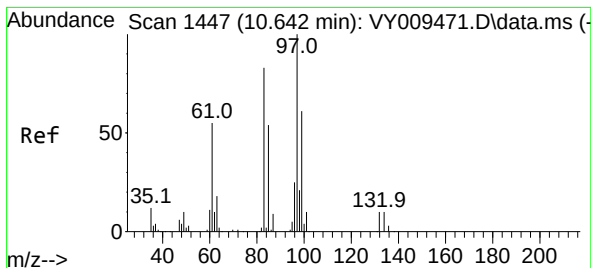
Tgt Ion: 75 Resp: 128550
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.590 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 75 Resp: 138993
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 50.4 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 55.478 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 72860

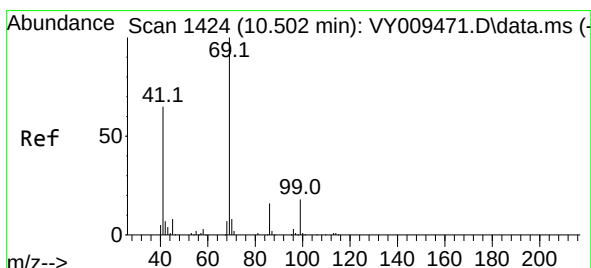
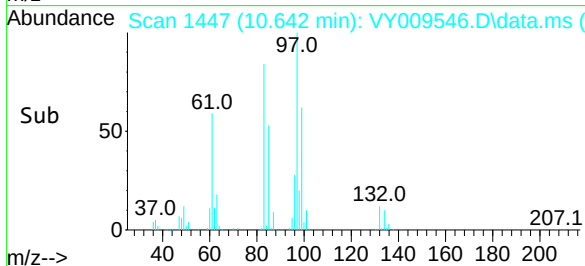
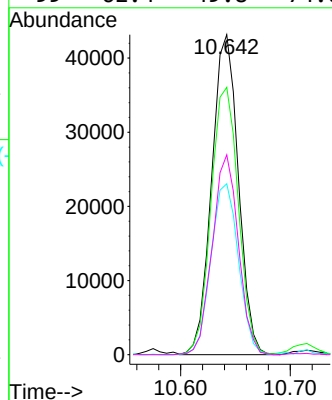
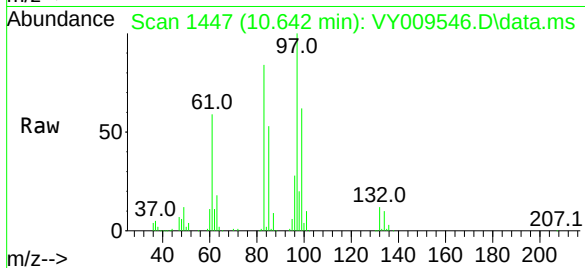
Ion Ratio Lower Upper

97 100

83 83.5 69.8 104.8

85 53.2 44.3 66.5

99 62.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 59.368 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

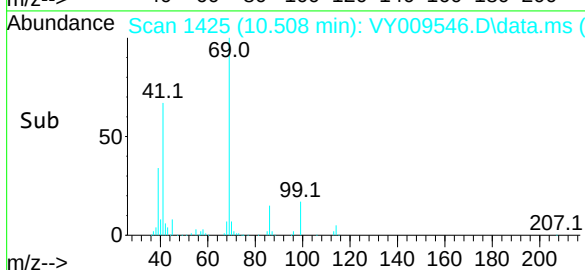
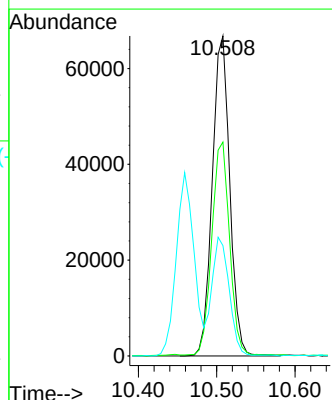
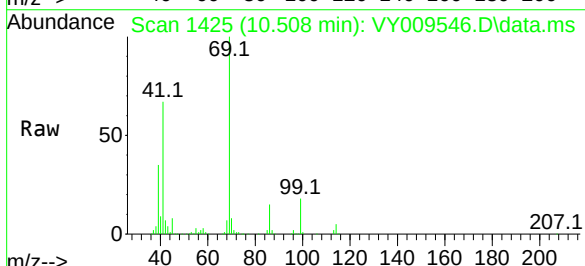
Tgt Ion: 69 Resp: 103516

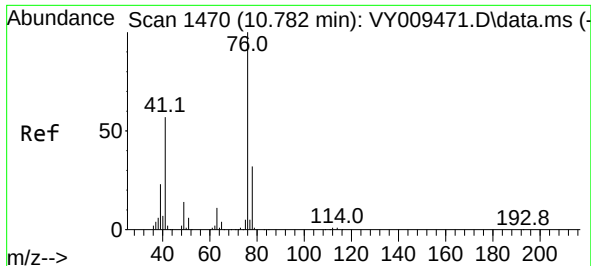
Ion Ratio Lower Upper

69 100

41 67.3 63.4 95.0

39 37.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 56.647 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

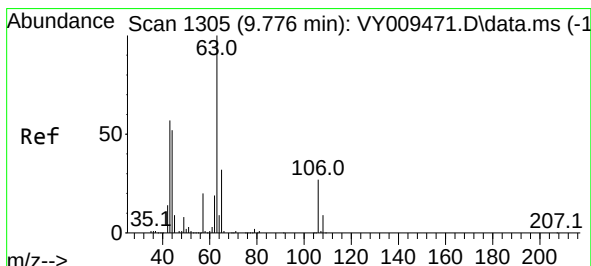
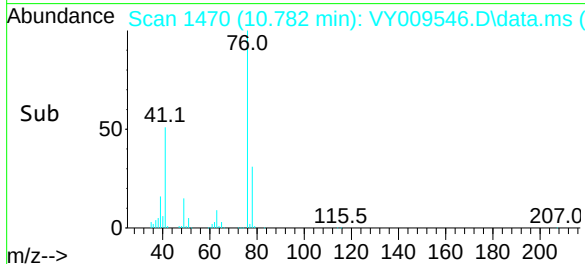
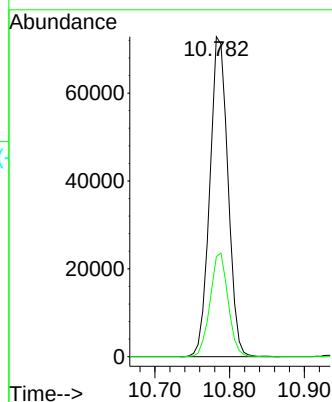
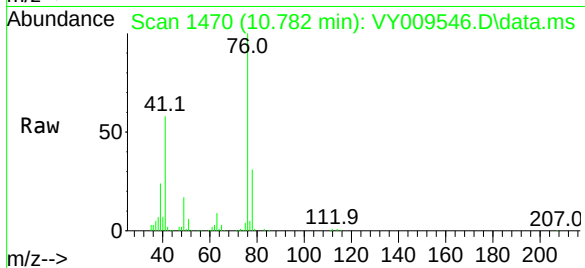
VSTDCCC050EC

Tgt Ion: 76 Resp: 122643

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.188 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009546.D

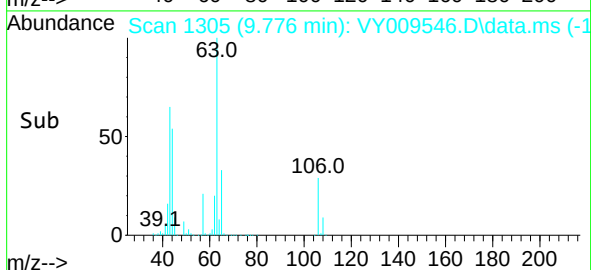
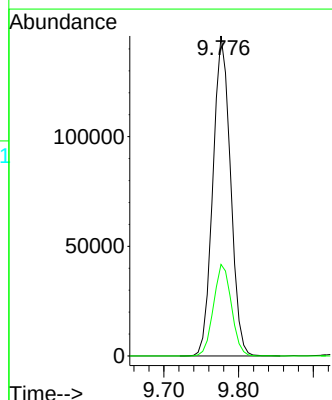
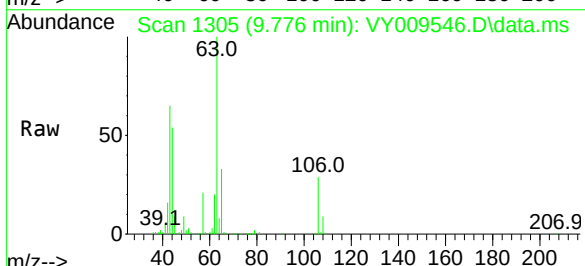
Acq: 12 Jul 2022 20:29

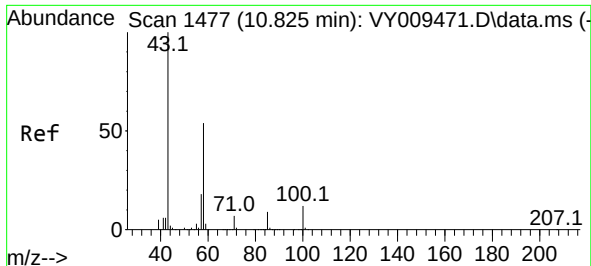
Tgt Ion: 63 Resp: 239507

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

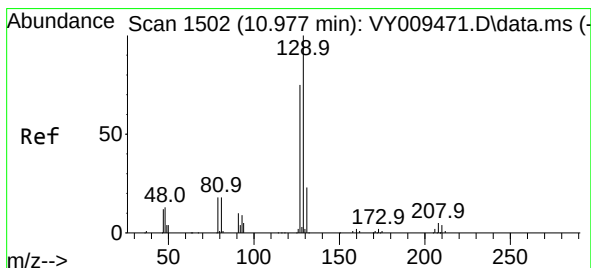
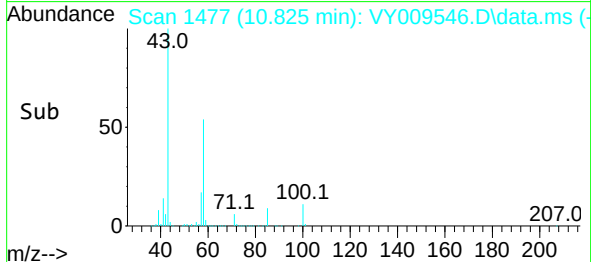
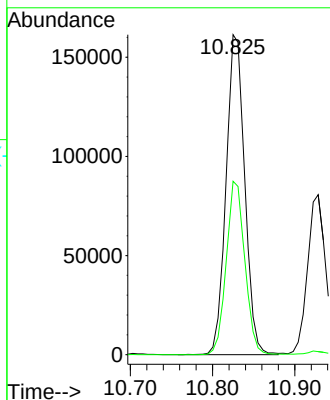
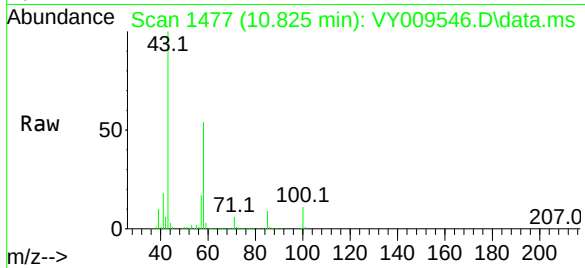




#59
2-Hexanone
Concen: 286.773 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

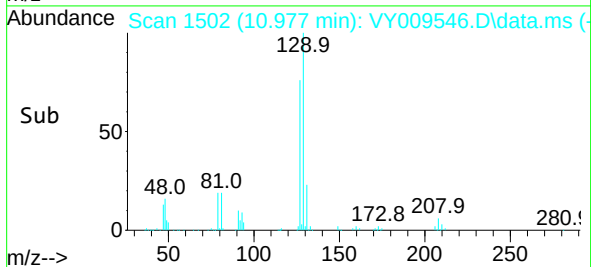
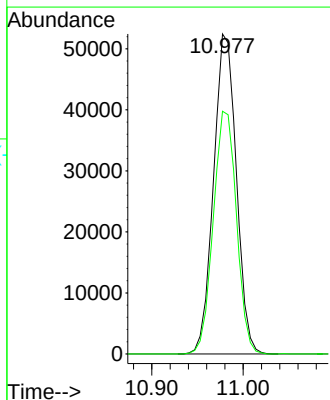
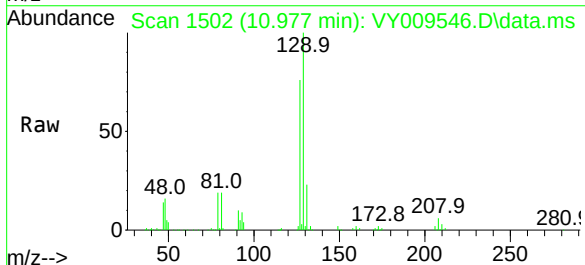
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

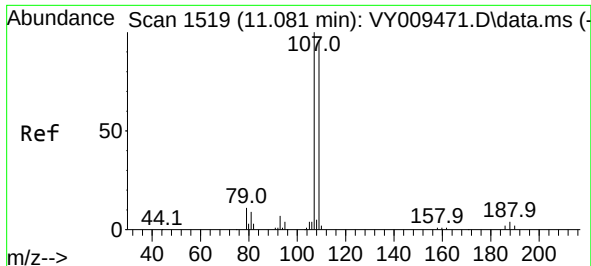
Tgt Ion: 43 Resp: 255105
Ion Ratio Lower Upper
43 100
58 53.9 24.4 73.4



#60
Dibromochloromethane
Concen: 57.200 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 129 Resp: 90970
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

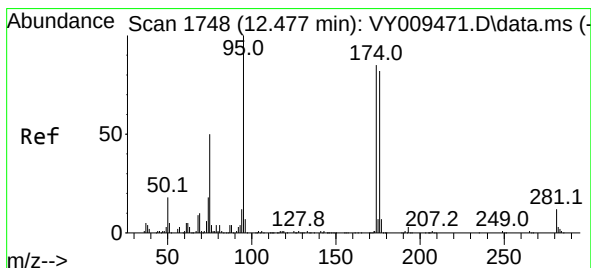
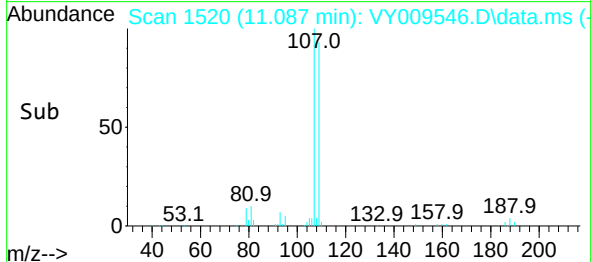
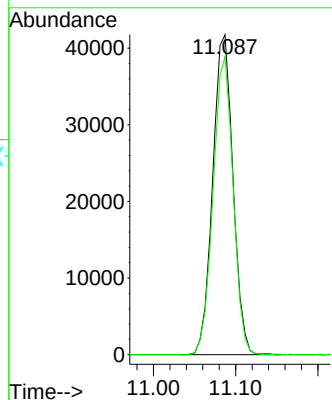
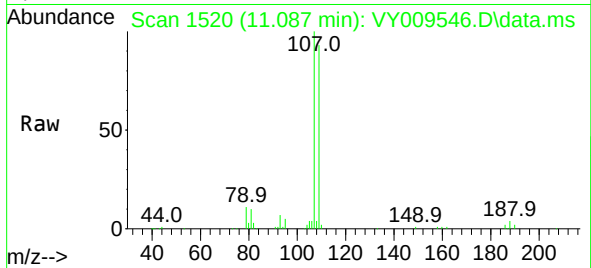




#61
1,2-Dibromoethane
Concen: 56.791 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

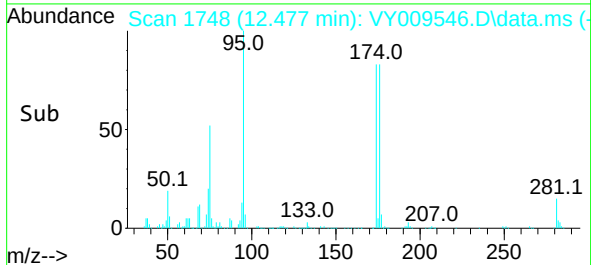
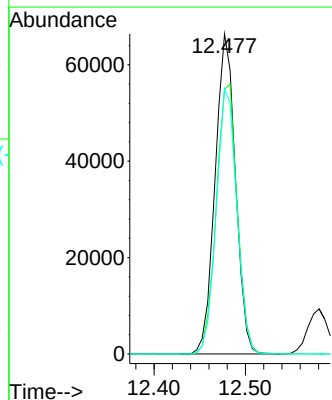
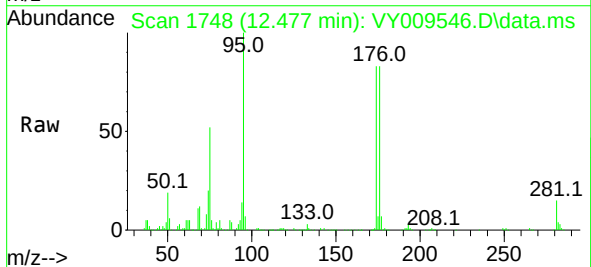
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

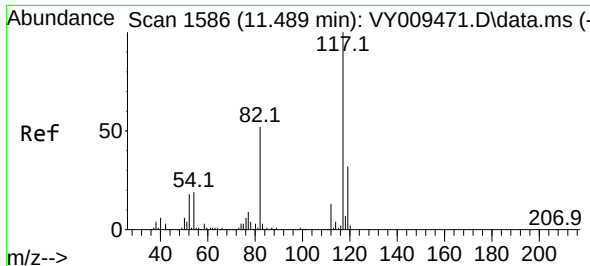
Tgt Ion:107 Resp: 71503
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.635 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 95 Resp: 102492
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.5 0.0 175.8

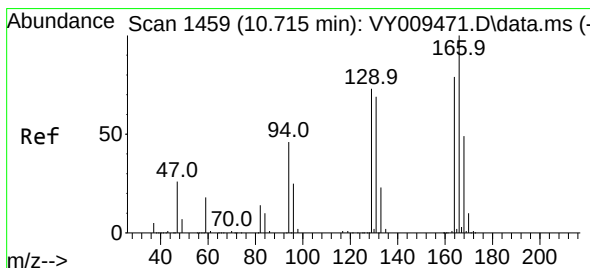
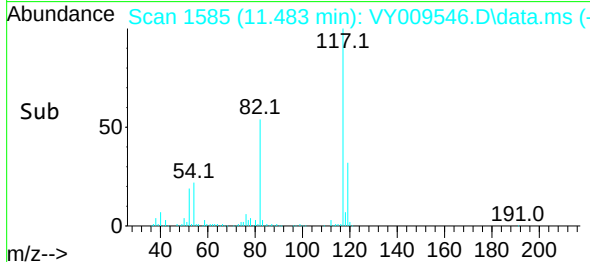
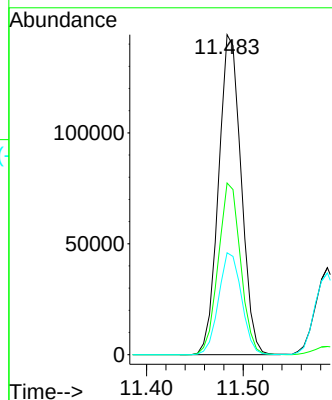
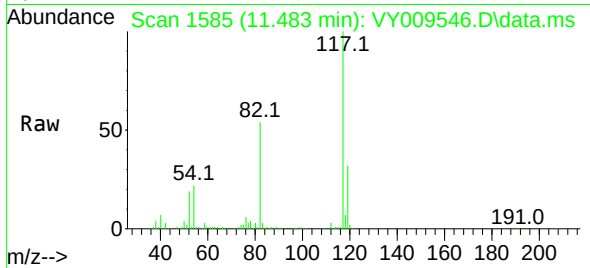




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

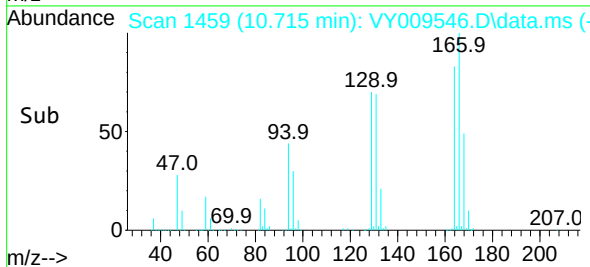
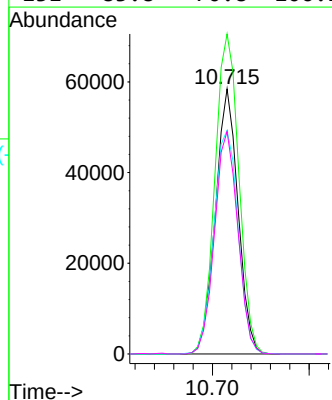
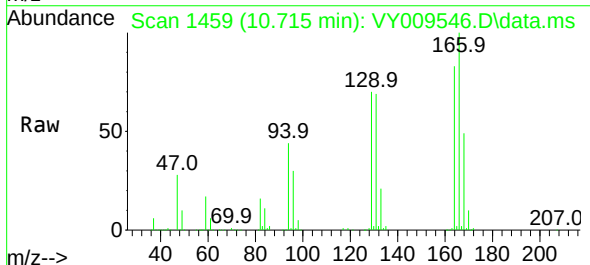
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

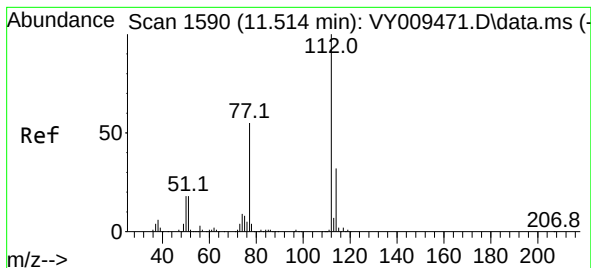
Tgt Ion:117 Resp: 233088
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 48.742 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion:164 Resp: 94990
Ion Ratio Lower Upper
164 100
166 120.7 100.4 150.6
129 84.3 71.4 107.0
131 83.8 70.8 106.2





#65

Chlorobenzene

Concen: 55.008 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

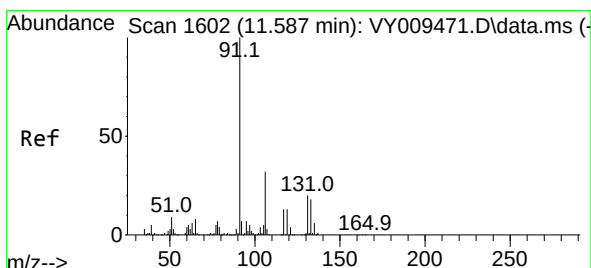
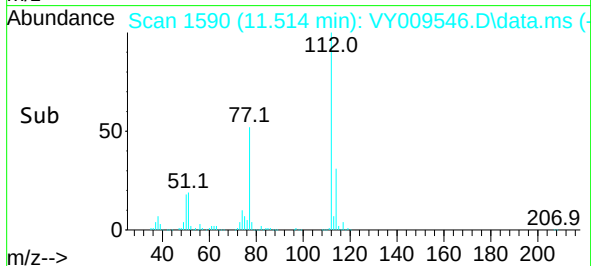
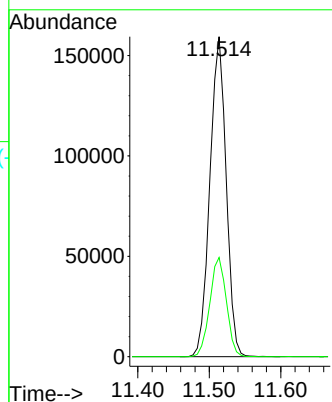
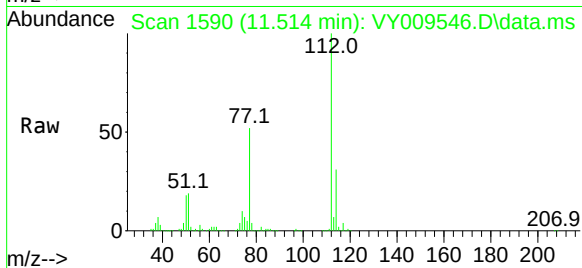
VSTDCCC050EC

Tgt Ion:112 Resp: 251819

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.003 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

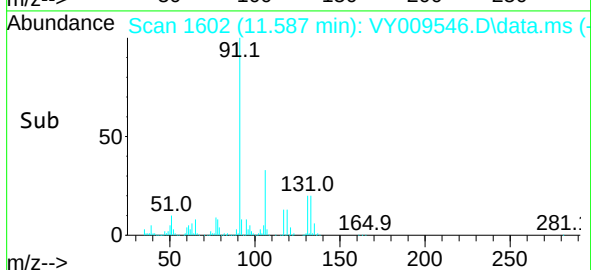
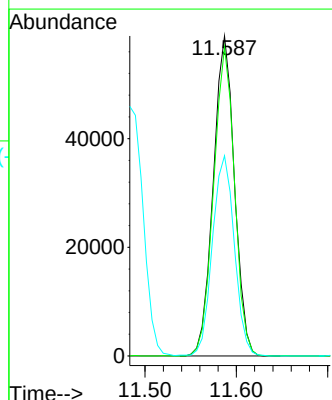
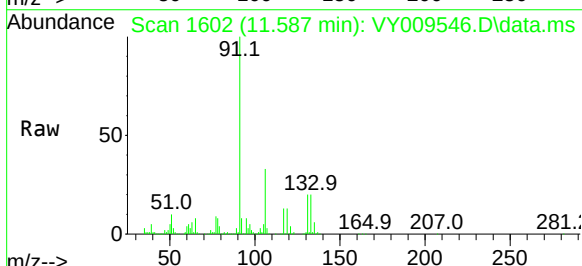
Tgt Ion:131 Resp: 94715

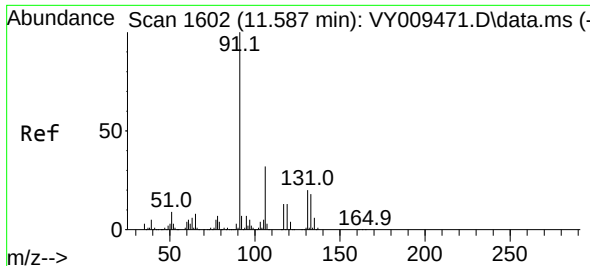
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 64.7 30.8 92.3

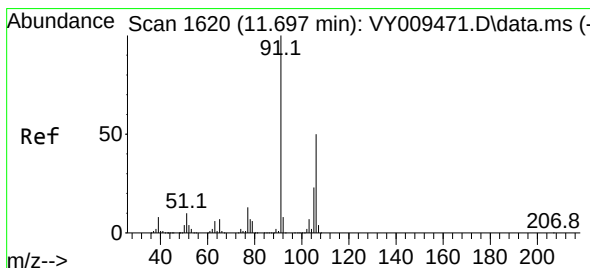
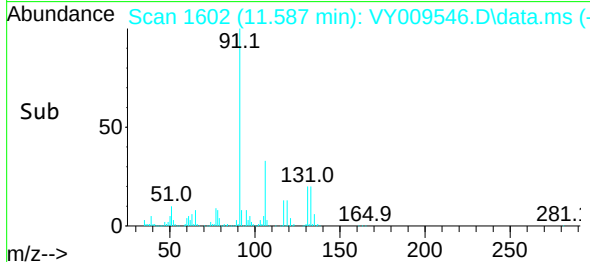
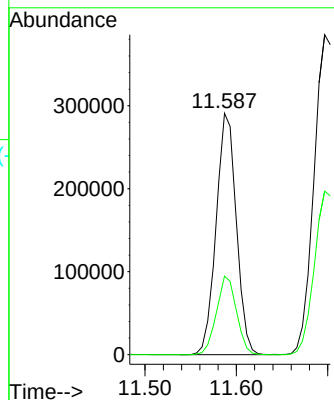
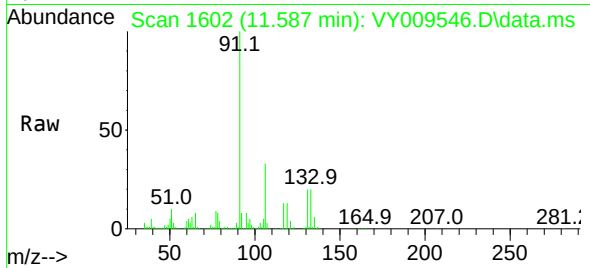




#67
Ethyl Benzene
Concen: 55.910 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

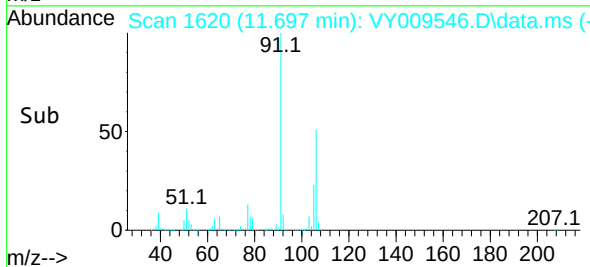
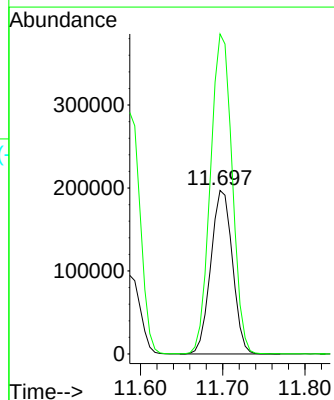
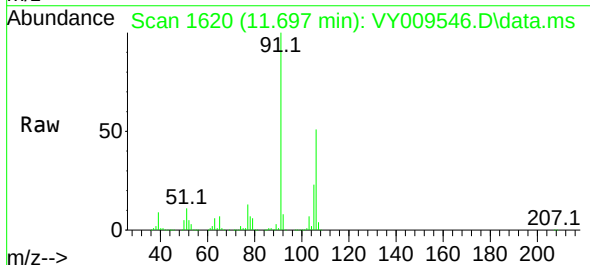
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

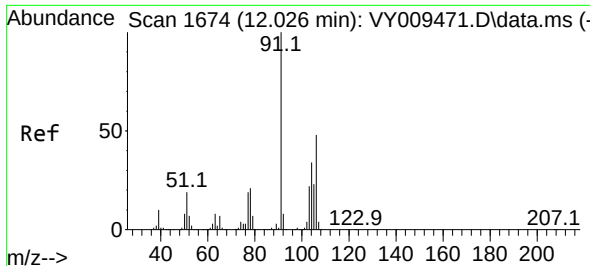
Tgt Ion: 91 Resp: 446824
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 115.780 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 106 Resp: 360874
Ion Ratio Lower Upper
106 100
91 196.5 166.6 249.8

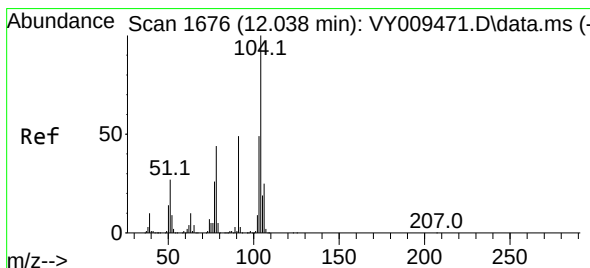
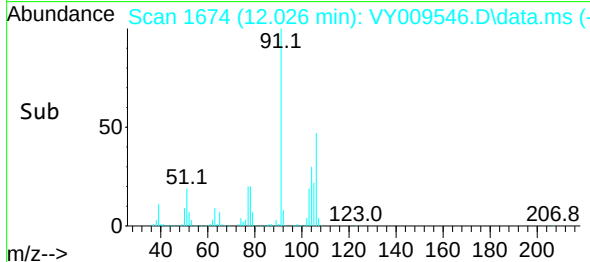
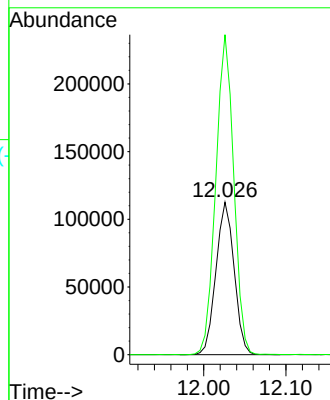
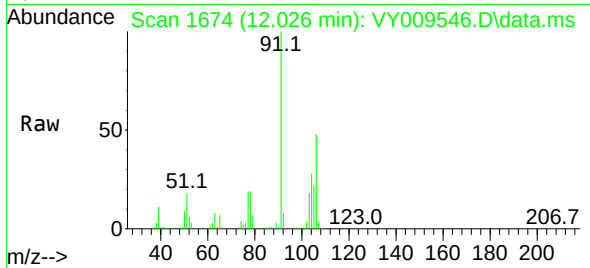




#69
o-Xylene
Concen: 57.870 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

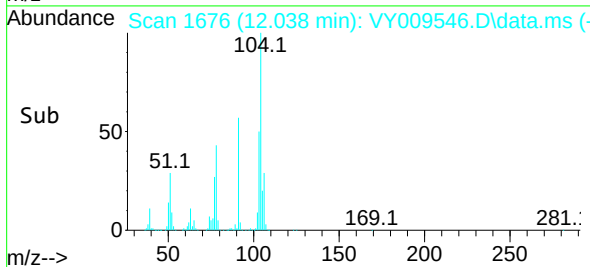
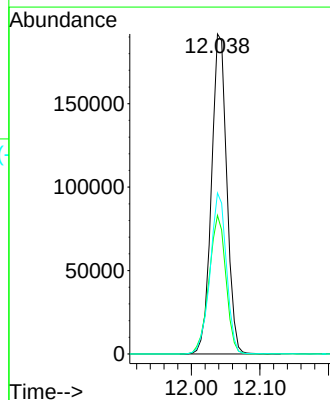
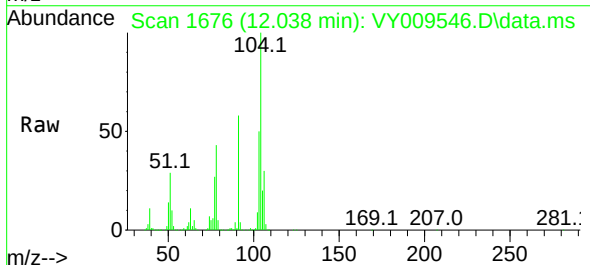
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

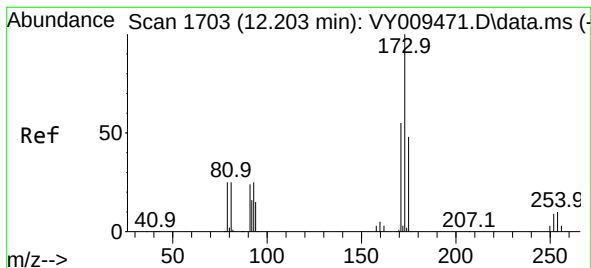
Tgt Ion:106 Resp: 172891
Ion Ratio Lower Upper
106 100
91 207.4 110.3 331.0



#70
Styrene
Concen: 59.871 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion:104 Resp: 298762
Ion Ratio Lower Upper
104 100
78 47.7 42.4 63.6
103 53.6 44.4 66.6





#71

Bromoform

Concen: 57.927 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

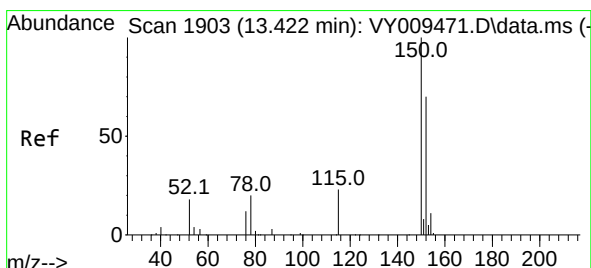
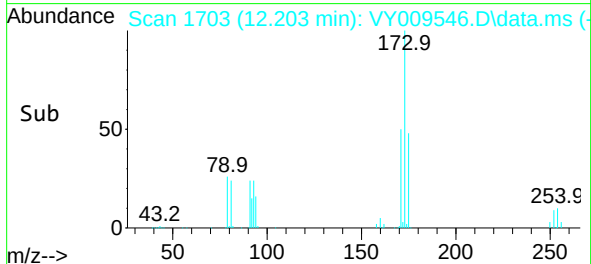
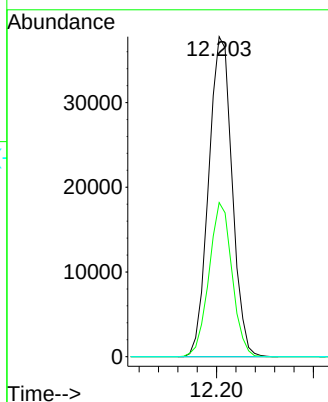
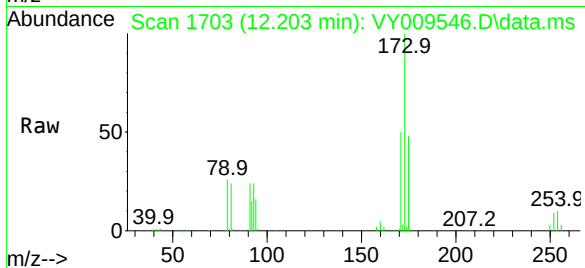
Tgt Ion:173 Resp: 63578

Ion Ratio Lower Upper

173 100

175 47.3 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: VY009546.D

Acq: 12 Jul 2022 20:29

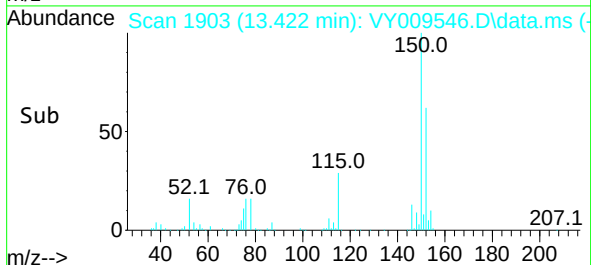
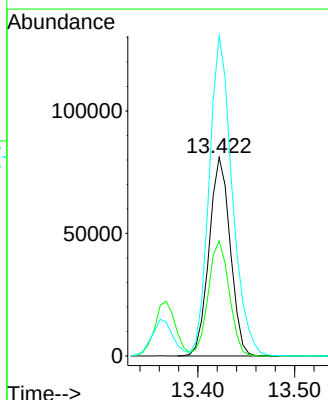
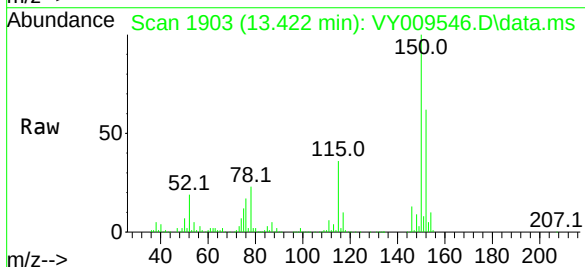
Tgt Ion:152 Resp: 123101

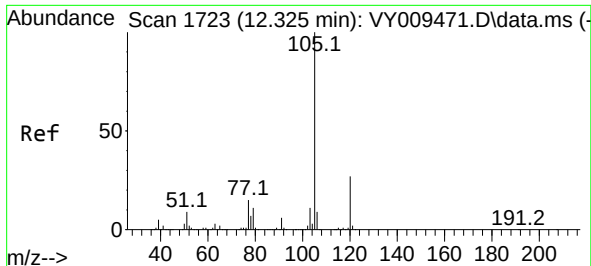
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 175.6 0.0 347.6

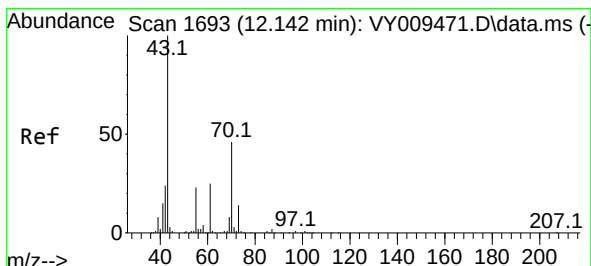
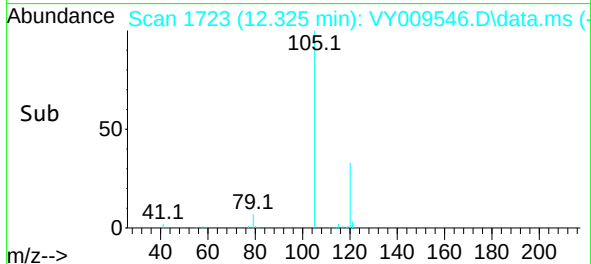
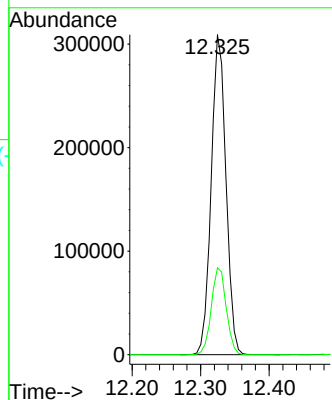
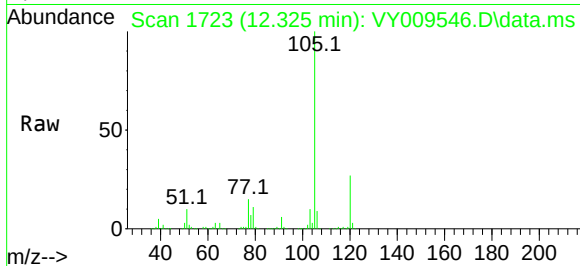




#73
Isopropylbenzene
Concen: 54.809 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

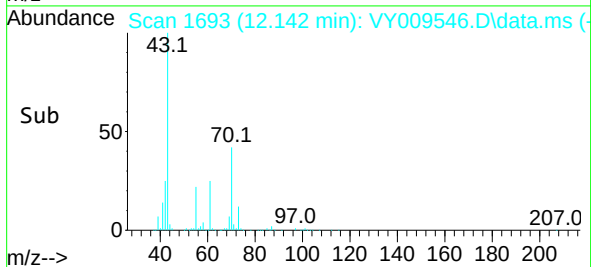
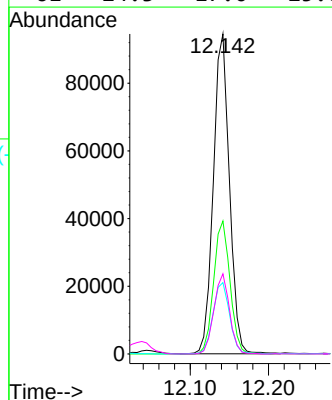
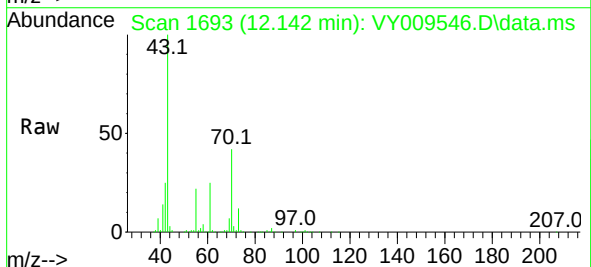
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

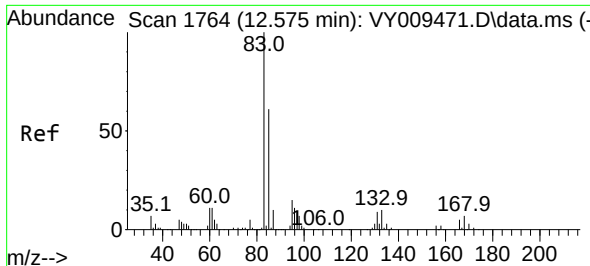
Tgt Ion:105 Resp: 461429
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 56.283 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 43 Resp: 134818
Ion Ratio Lower Upper
43 100
70 42.4 28.7 43.1
55 23.3 17.3 25.9
61 24.3 17.0 25.6

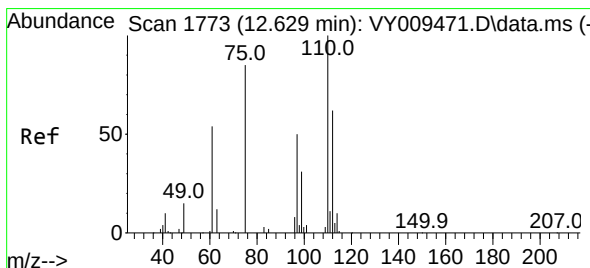
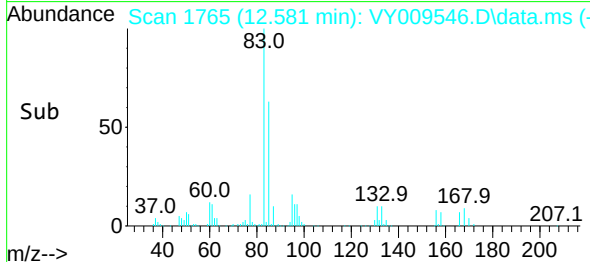
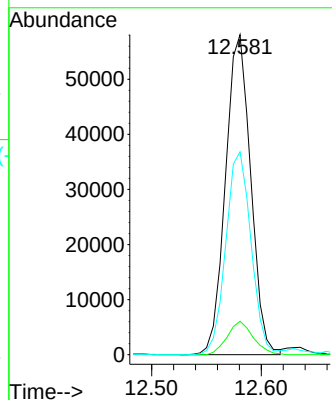
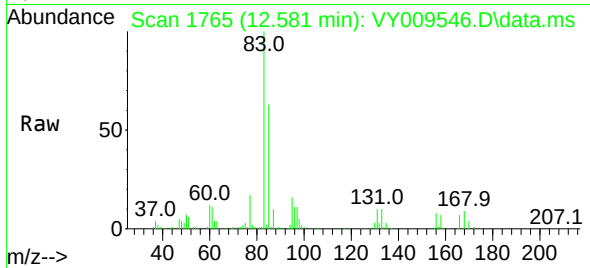




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.081 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

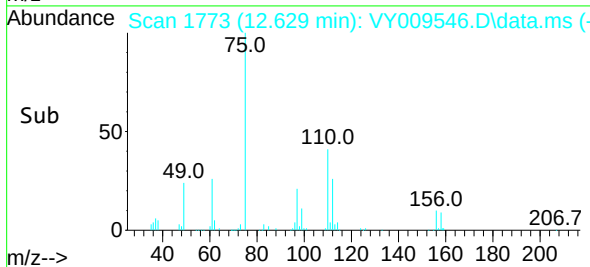
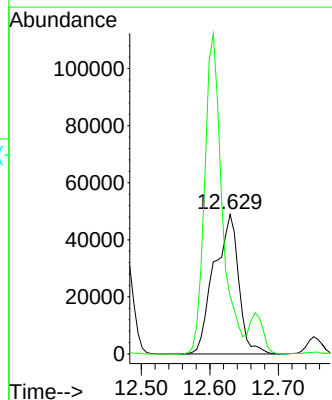
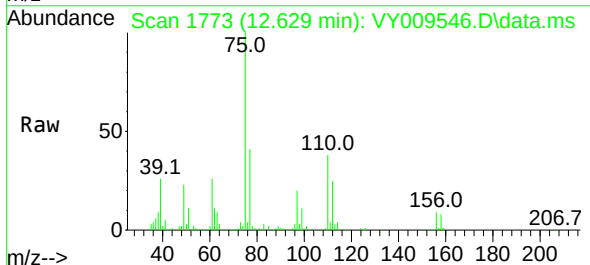
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

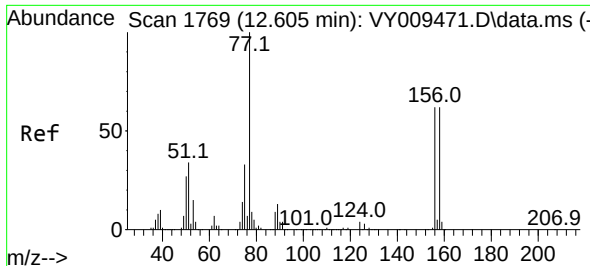
Tgt Ion: 83 Resp: 92848
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 63.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 93.299 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009546.D
 Acq: 12 Jul 2022 20:29

Tgt Ion: 75 Resp: 121579
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

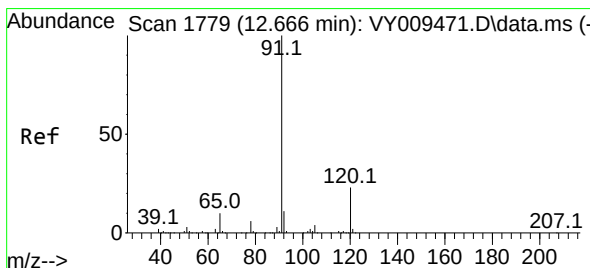
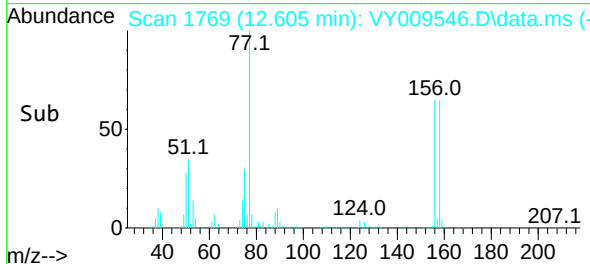
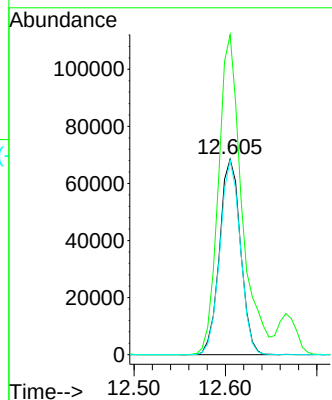
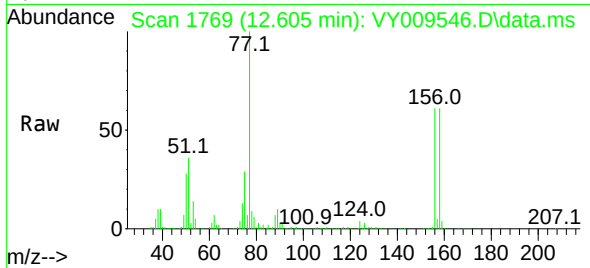




#77
Bromobenzene
Concen: 53.430 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

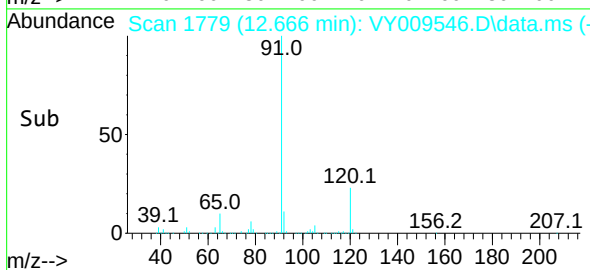
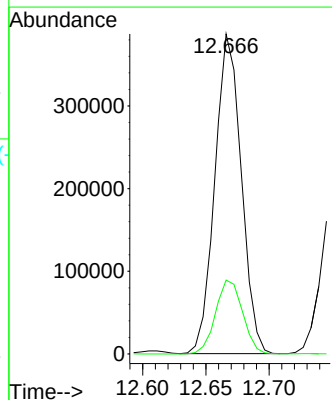
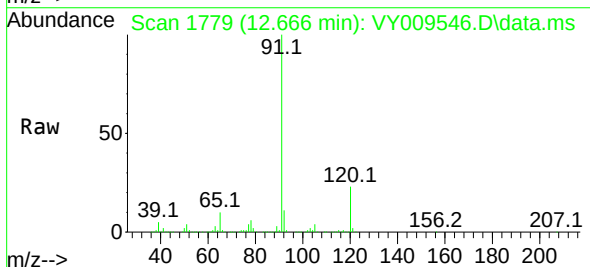
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

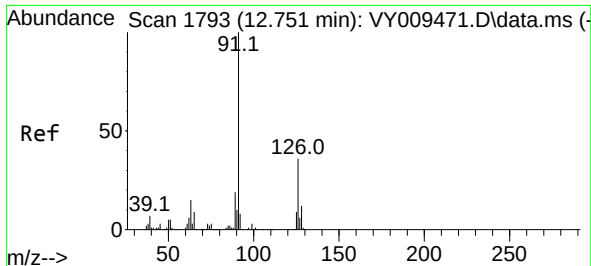
Tgt Ion:156 Resp: 109507
Ion Ratio Lower Upper
156 100
77 181.6 95.5 286.4
158 96.7 48.0 144.0



#78
n-propylbenzene
Concen: 55.124 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 91 Resp: 560671
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9

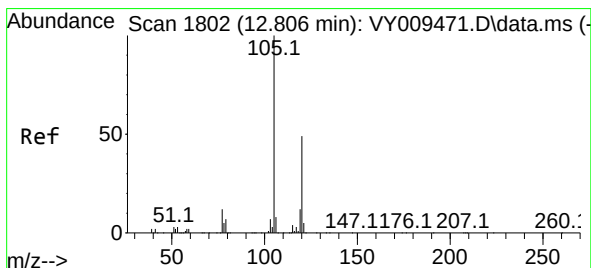
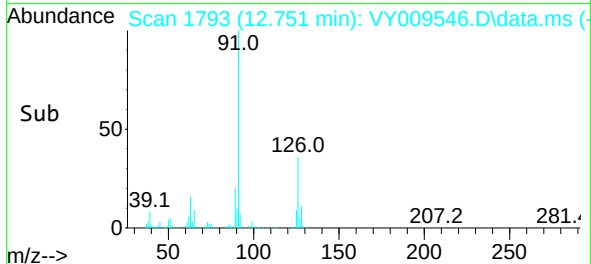
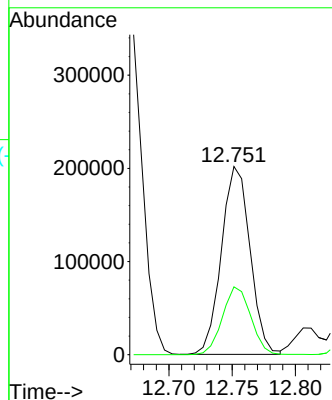
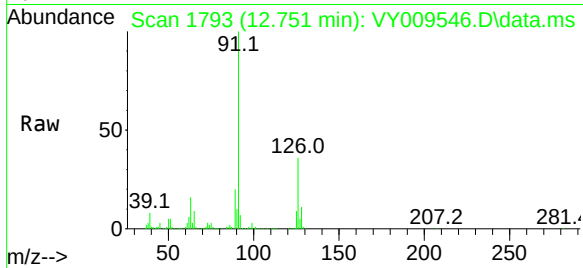




#79
2-Chlorotoluene
Concen: 55.881 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

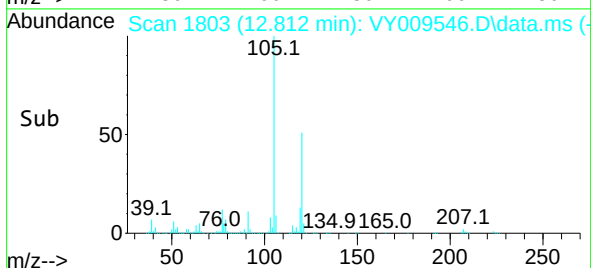
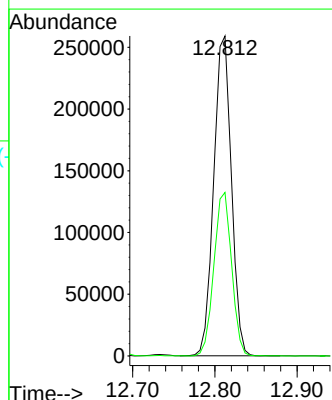
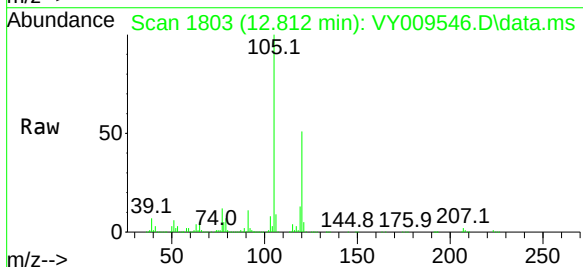
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ClientSampleId :
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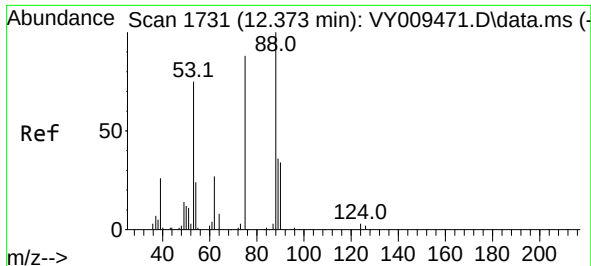
Tgt Ion: 91 Resp: 318204
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.968 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 105 Resp: 386814
Ion Ratio Lower Upper
105 100
120 51.4 24.4 73.4

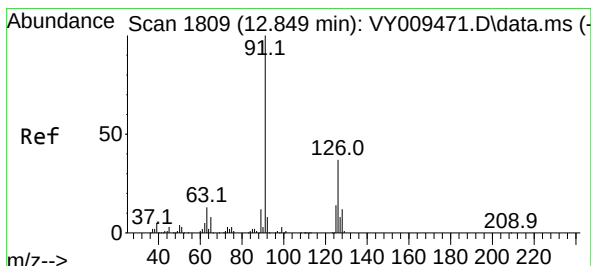
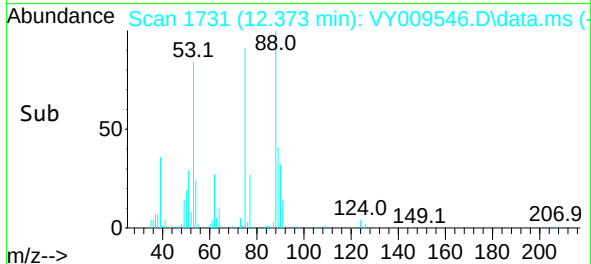
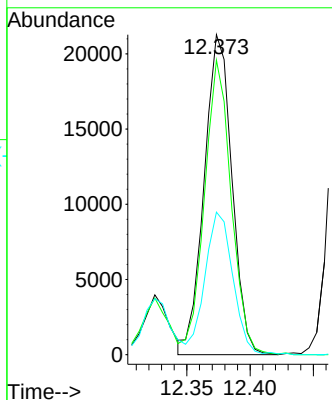
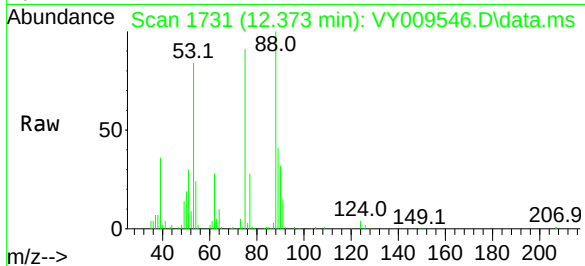




#81
trans-1,4-Dichloro-2-butene
Concen: 50.990 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

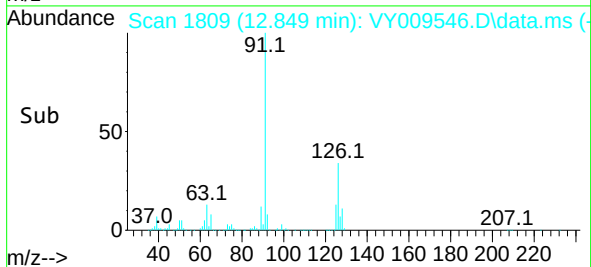
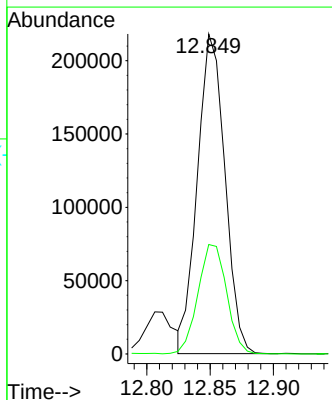
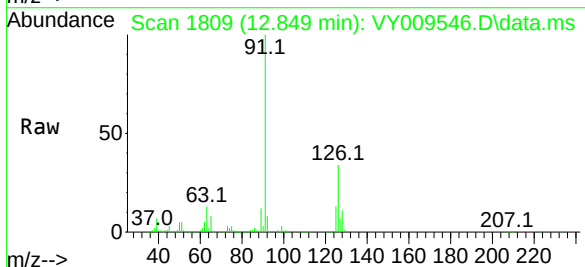
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

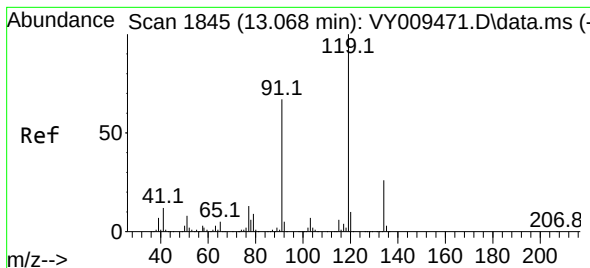
Tgt Ion: 75 Resp: 32466
Ion Ratio Lower Upper
75 100
53 89.0 85.3 127.9
89 44.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.233 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 91 Resp: 329606
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 56.315 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

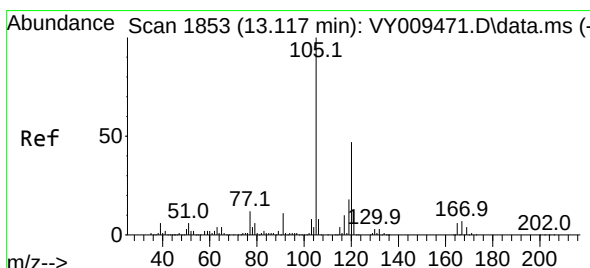
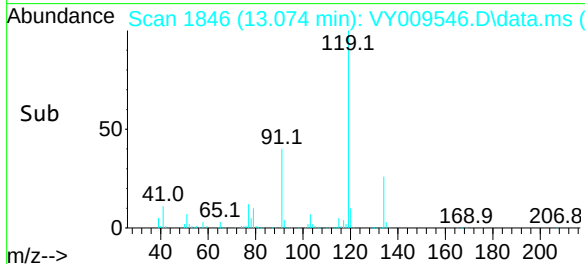
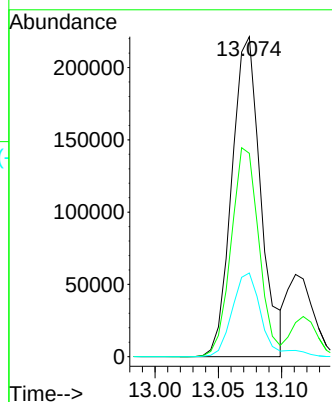
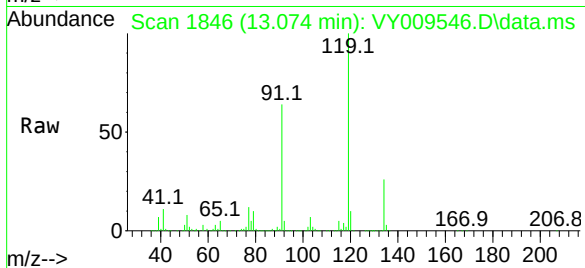
Tgt Ion:119 Resp: 352566

Ion Ratio Lower Upper

119 100

91 62.7 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.520 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009546.D

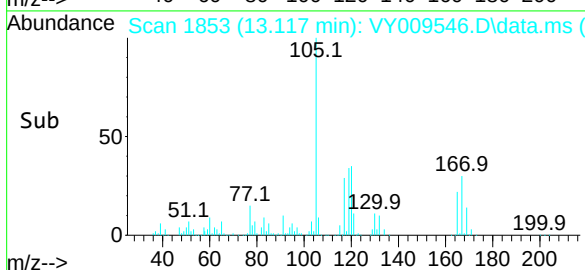
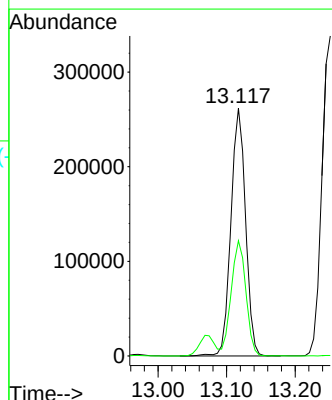
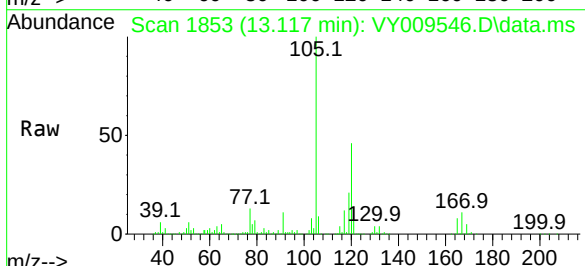
Acq: 12 Jul 2022 20:29

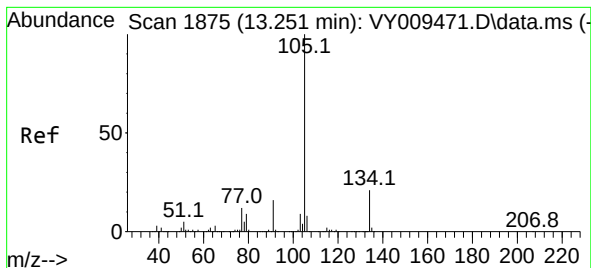
Tgt Ion:105 Resp: 388880

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.165 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

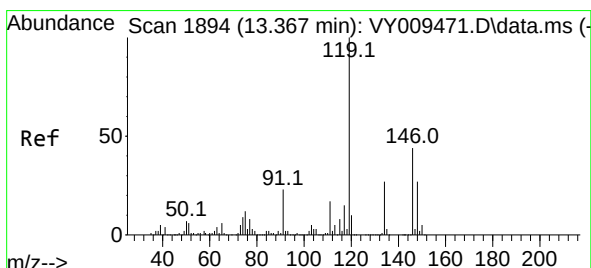
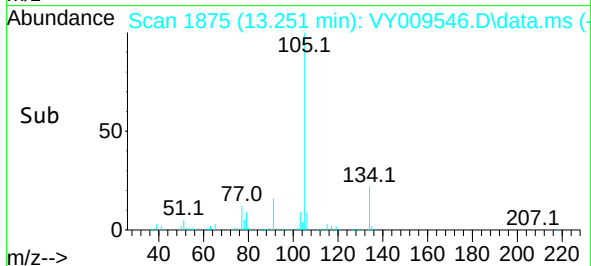
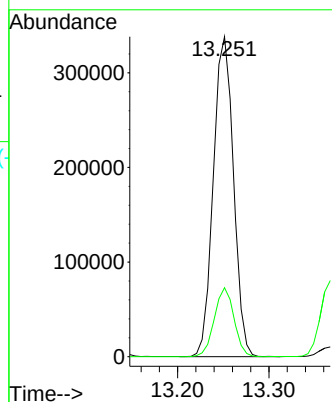
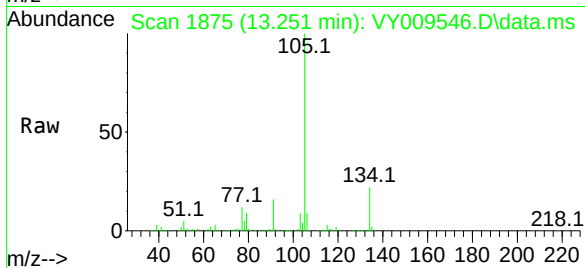
VSTDCCC050EC

Tgt Ion:105 Resp: 517855

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.780 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

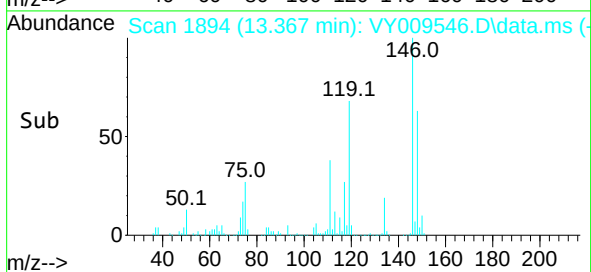
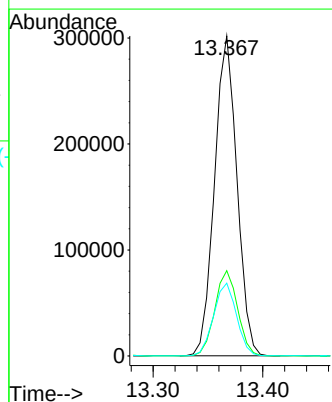
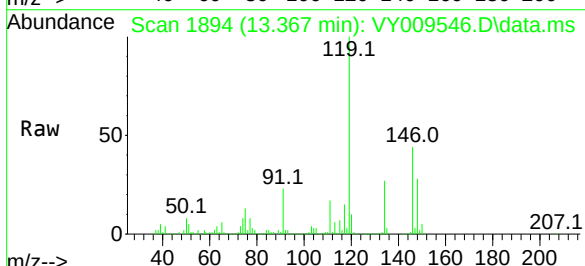
Tgt Ion:119 Resp: 428707

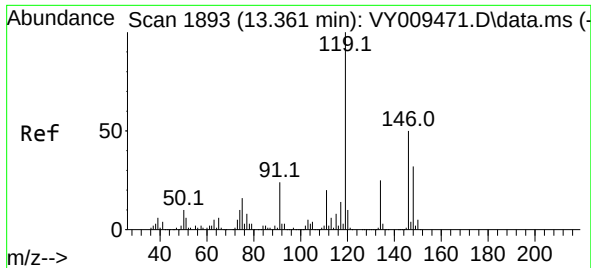
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 23.2 12.4 37.2

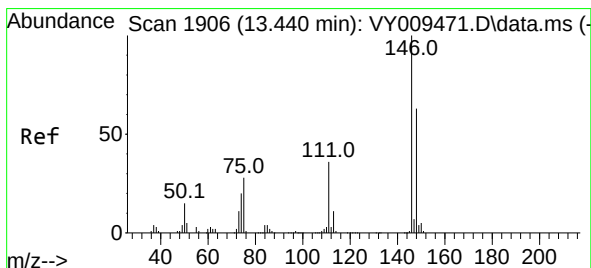
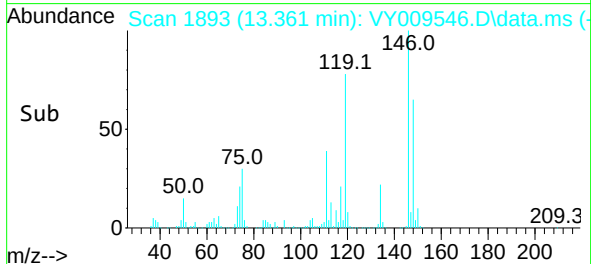
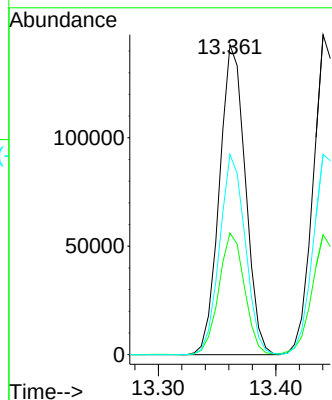
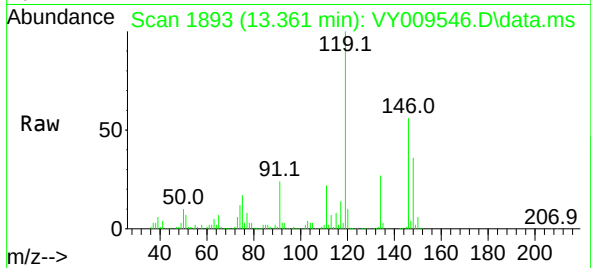




#87
1,3-Dichlorobenzene
Concen: 54.228 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

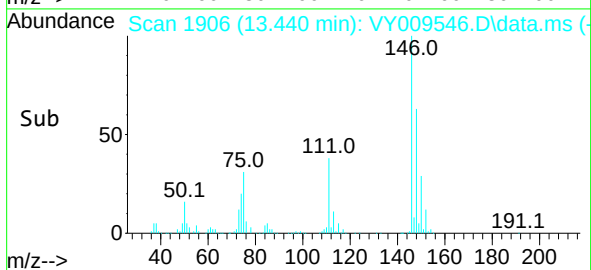
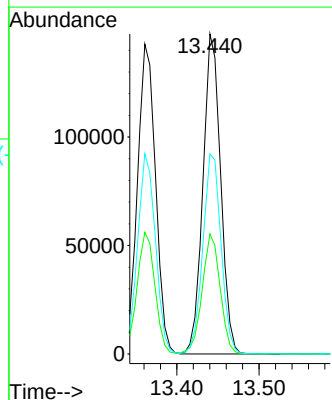
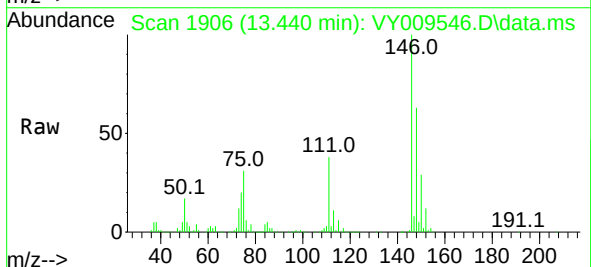
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

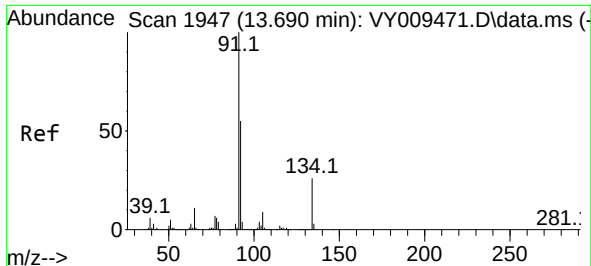
Tgt Ion:146 Resp: 219388
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 54.016 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion:146 Resp: 221174
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 64.4 32.6 97.8

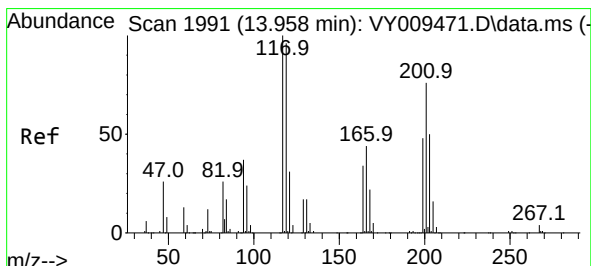
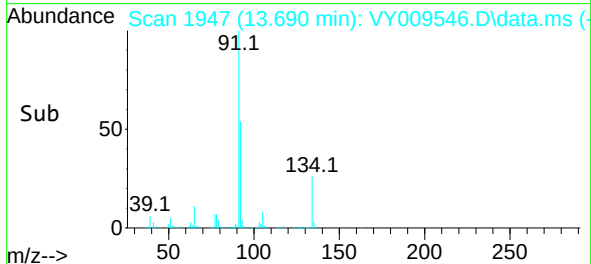
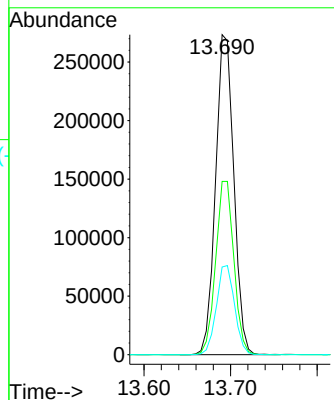
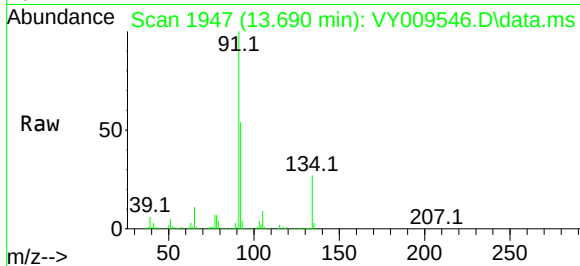




#89
n-Butylbenzene
Concen: 55.717 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

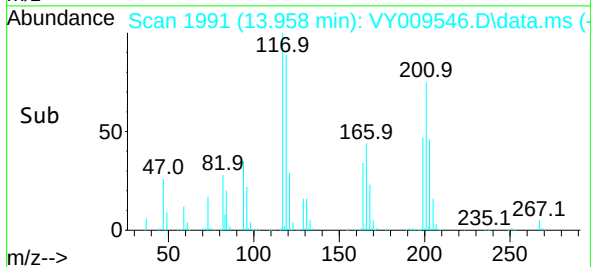
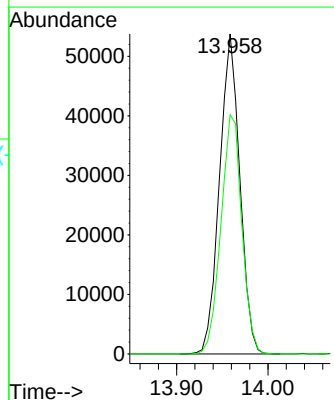
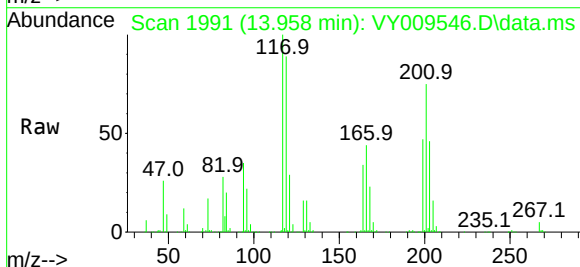
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

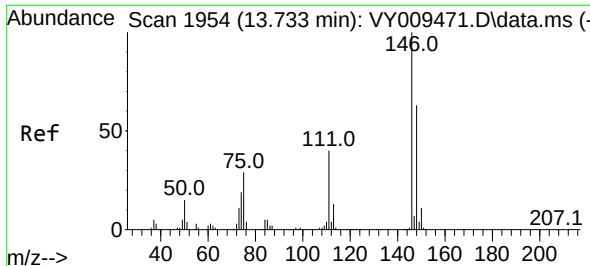
Tgt Ion: 91 Resp: 399883
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 27.8 13.0 38.9



#90
Hexachloroethane
Concen: 55.049 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 117 Resp: 83013
Ion Ratio Lower Upper
117 100
201 77.2 43.0 128.8

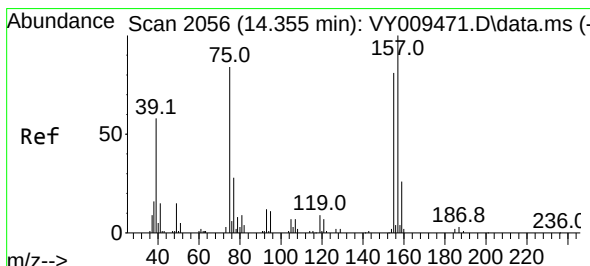
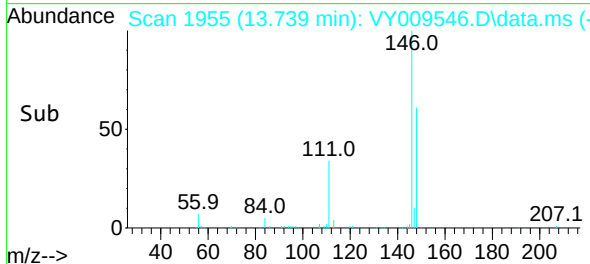
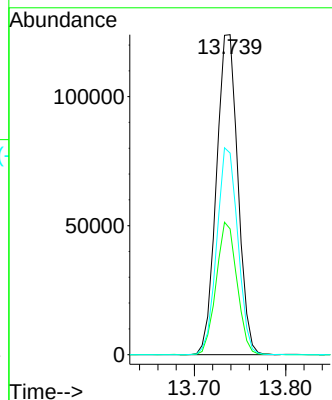
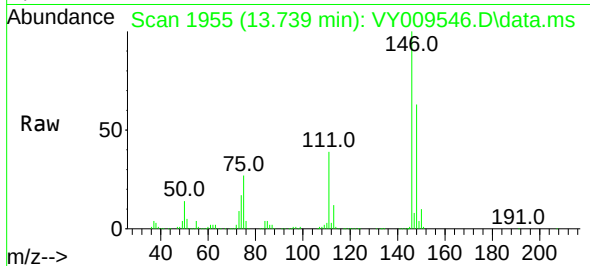




#91
1,2-Dichlorobenzene
Concen: 54.556 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

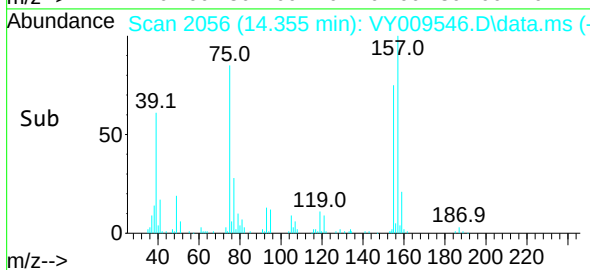
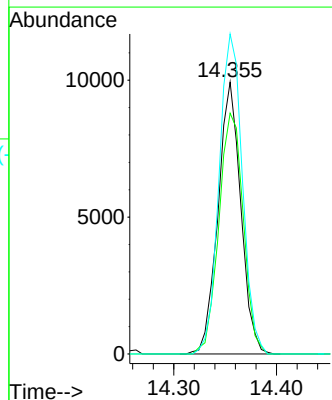
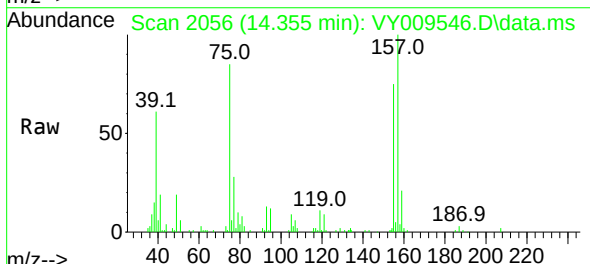
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

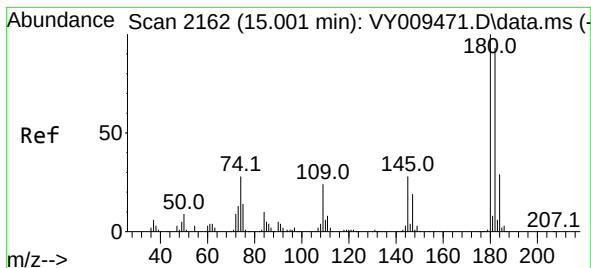
Tgt Ion:146 Resp: 202219
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.564 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009546.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 75 Resp: 15235
Ion Ratio Lower Upper
75 100
155 94.8 38.0 113.9
157 120.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.375 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

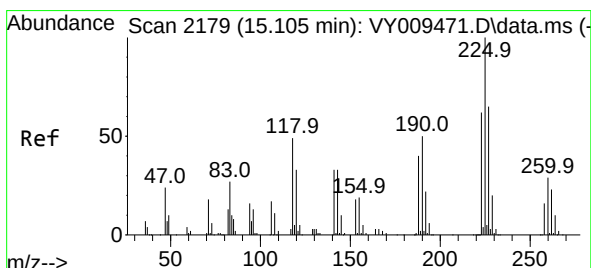
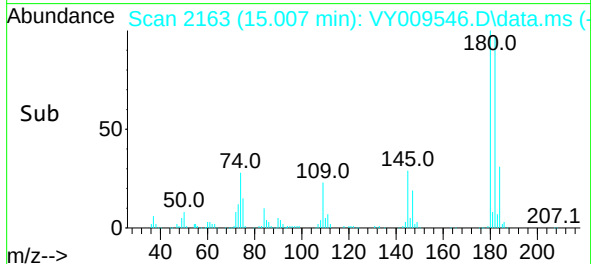
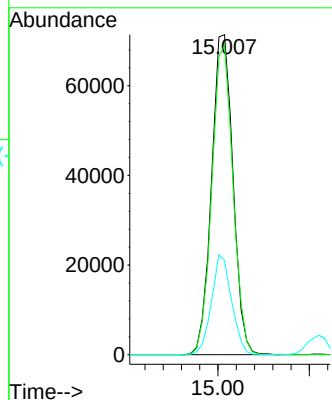
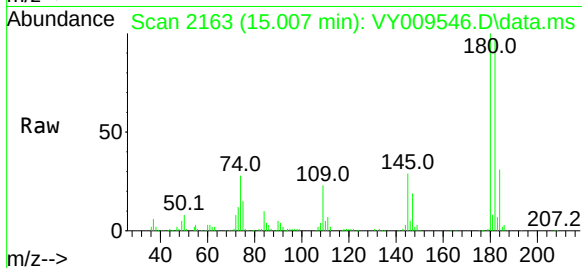
Tgt Ion:180 Resp: 116143

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 51.665 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

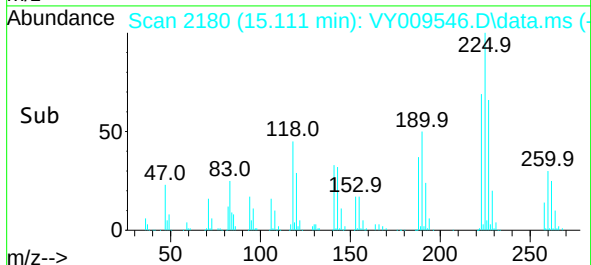
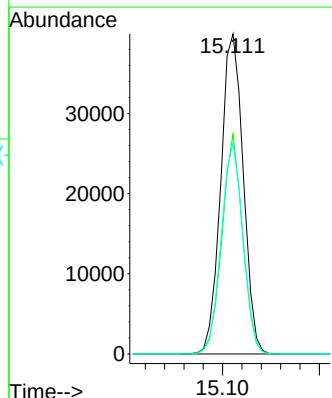
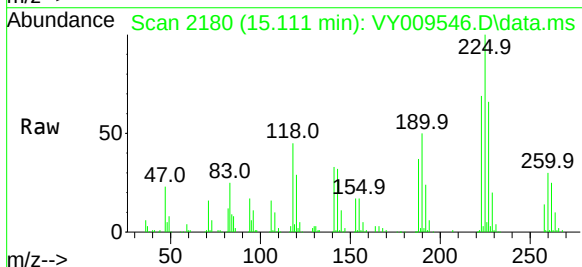
Tgt Ion:225 Resp: 64214

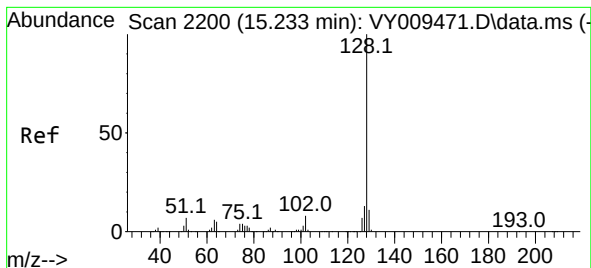
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 52.930 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

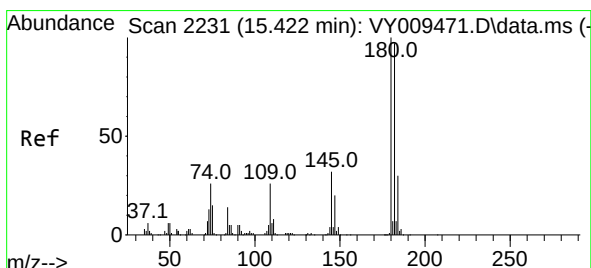
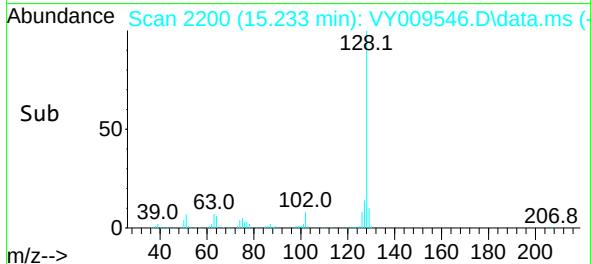
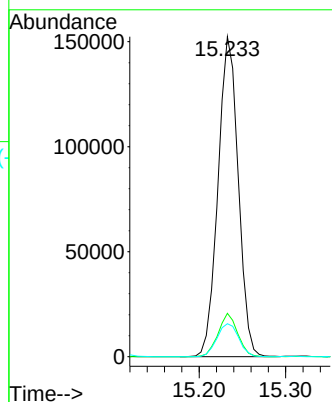
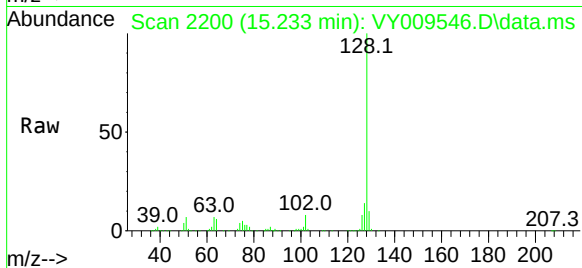
Tgt Ion:128 Resp: 247404

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.736 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009546.D

Acq: 12 Jul 2022 20:29

Tgt Ion:180 Resp: 101302

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 31.5 15.3 45.9

