

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008966.D
 Acq On : 21 May 2022 22:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 02:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	108546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51711	46.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.580%
35) Dibromofluoromethane	7.710	113	53093	45.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.179	98	179049	41.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.700%
62) 4-Bromofluorobenzene	12.477	95	94664	54.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49730	50.092	ug/l	99
3) Chloromethane	2.107	50	91938	64.641	ug/l	98
4) Vinyl Chloride	2.247	62	130181	61.780	ug/l	97
5) Bromomethane	2.638	94	112713	54.568	ug/l	99
6) Chloroethane	2.784	64	92794	62.161	ug/l	97
7) Trichlorofluoromethane	3.119	101	94401	52.754	ug/l	96
8) Diethyl Ether	3.528	74	31129	55.633	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	56266	51.160	ug/l	95
10) Methyl Iodide	4.082	142	60140	52.956	ug/l	93
11) Tert butyl alcohol	4.948	59	28365	250.322	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	51823	50.759	ug/l	90
13) Acrolein	3.729	56	5602	150.195	ug/l	98
14) Allyl chloride	4.473	41	79830	51.884	ug/l #	89
15) Acrylonitrile	5.149	53	87429	279.066	ug/l	97
16) Acetone	3.942	43	63101	271.355	ug/l	95
17) Carbon Disulfide	4.186	76	175722	52.683	ug/l	98
18) Methyl Acetate	4.466	43	51886	71.653	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	163378	53.315	ug/l	96
20) Methylene Chloride	4.710	84	65084	50.118	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	67944	51.849	ug/l	87
22) Diisopropyl ether	6.112	45	207069	56.018	ug/l	97
23) Vinyl Acetate	6.052	43	662561	270.971	ug/l	95
24) 1,1-Dichloroethane	6.009	63	117431	53.114	ug/l	98
25) 2-Butanone	6.978	43	117693	283.364	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	91915	45.131	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	77223	52.276	ug/l	88
28) Bromochloromethane	7.326	49	42441	55.927	ug/l	91
29) Tetrahydrofuran	7.338	42	82611	292.809	ug/l #	86
30) Chloroform	7.502	83	128431	53.814	ug/l	98
31) Cyclohexane	7.783	56	107824	49.336	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	113810	52.563	ug/l	99
36) 1,1-Dichloropropene	7.911	75	100734	51.037	ug/l	98
37) Ethyl Acetate	7.064	43	52849	51.619	ug/l	96
38) Carbon Tetrachloride	7.893	117	101633	49.224	ug/l	95
39) Methylcyclohexane	9.179	83	127294	49.965	ug/l	88
40) Benzene	8.155	78	299280	52.584	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	76812	145.388	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	90391	54.086	ug/l	94
43) Isopropyl Acetate	8.271	43	105390	55.360	ug/l #	92
44) Trichloroethene	8.935	130	75287	49.958	ug/l	96
45) 1,2-Dichloropropane	9.209	63	74390	54.434	ug/l	96
46) Dibromomethane	9.301	93	47008	54.096	ug/l	94
47) Bromodichloromethane	9.496	83	106787	53.771	ug/l	98
48) Methyl methacrylate	9.289	41	48108	56.594	ug/l #	84
49) 1,4-Dioxane	9.289	88	12829	1104.412	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	310283	294.504	ug/l	92
52) Toluene	10.240	92	213319	53.632	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	110927	52.599	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	115582	50.981	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	64846	53.339	ug/l	95
56) Ethyl methacrylate	10.508	69	89534	57.604	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	109345	55.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	192851	286.794	ug/l	96
59) 2-Hexanone	10.831	43	220686	305.932	ug/l	89
60) Dibromochloromethane	10.984	129	80347	54.520	ug/l	99
61) 1,2-Dibromoethane	11.087	107	64457	53.504	ug/l	100
64) Tetrachloroethene	10.715	164	68564	48.954	ug/l	97
65) Chlorobenzene	11.514	112	228523	51.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	86146	53.269	ug/l	97
67) Ethyl Benzene	11.593	91	422943	53.139	ug/l	97
68) m/p-Xylenes	11.703	106	353932	109.541	ug/l	92
69) o-Xylene	12.026	106	167374	55.783	ug/l	90
70) Styrene	12.044	104	295220	57.215	ug/l	94
71) Bromoform	12.209	173	58958	54.996	ug/l #	98
73) Isopropylbenzene	12.331	105	445715	47.094	ug/l	100
74) N-amyl acetate	12.142	43	110388	50.552	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	94359	48.399	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	116996	86.075	ug/l #	100
77) Bromobenzene	12.605	156	102321	46.638	ug/l	95
78) n-propylbenzene	12.672	91	556194	50.865	ug/l	99
79) 2-Chlorotoluene	12.758	91	307127	48.694	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	392319	49.455	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	30046	45.371	ug/l	87
82) 4-Chlorotoluene	12.855	91	344157	51.015	ug/l	98
83) tert-Butylbenzene	13.075	119	345058	49.029	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	404746	51.397	ug/l	98
85) sec-Butylbenzene	13.251	105	545870	50.694	ug/l	99
86) p-Isopropyltoluene	13.367	119	460716	51.307	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	238490	50.959	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	236839	50.372	ug/l	98
89) n-Butylbenzene	13.696	91	413080	50.284	ug/l	100
90) Hexachloroethane	13.959	117	82172	48.832	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	208872	50.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14341	47.380	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	100819	44.467	ug/l	98
94) Hexachlorobutadiene	15.111	225	54018	43.714	ug/l	96
95) Naphthalene	15.239	128	222540	48.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92275	46.835	ug/l	99

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

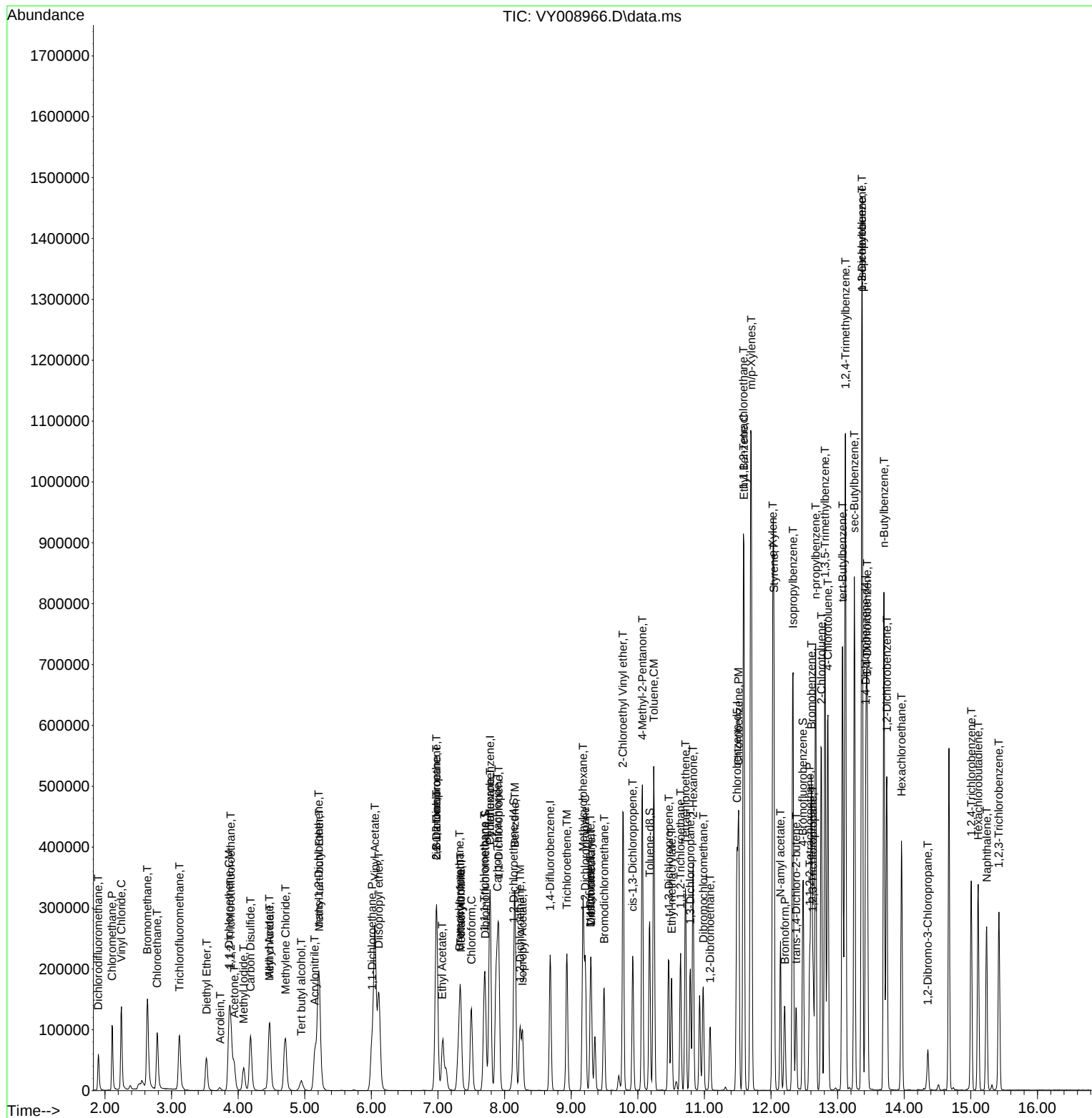
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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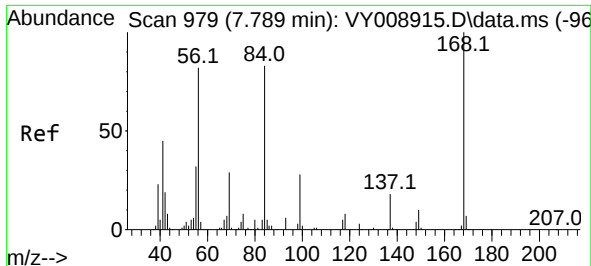
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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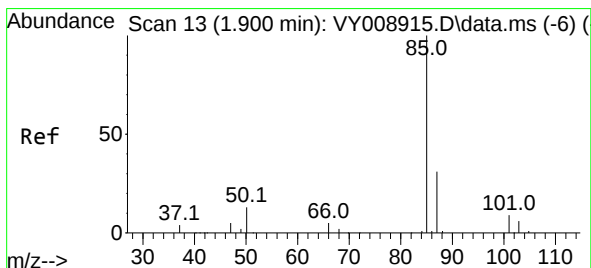
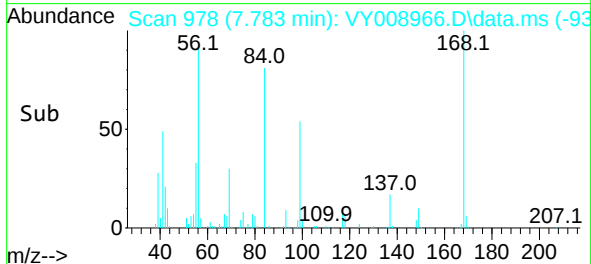
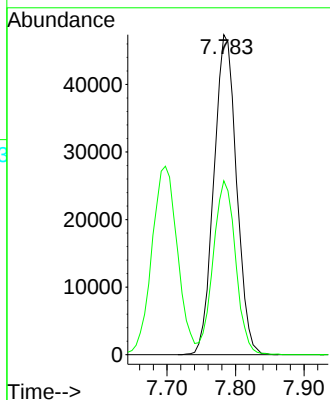
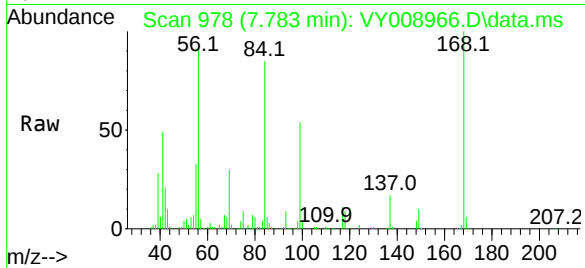




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008966.D
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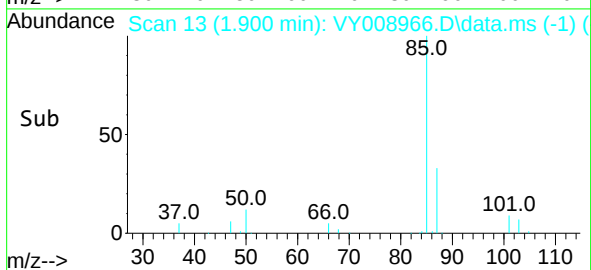
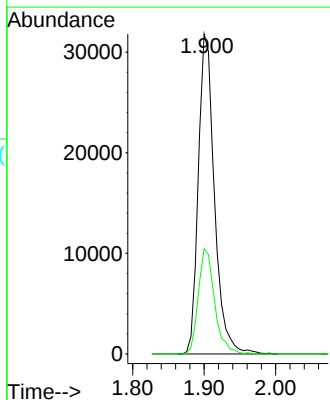
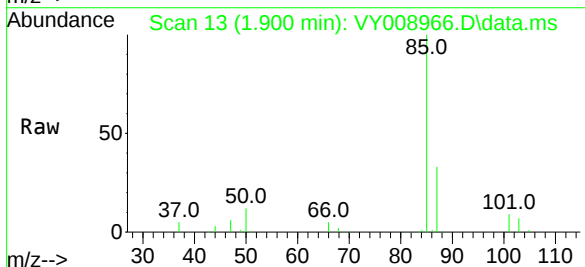
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 108546
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 50.092 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 85 Resp: 49730
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

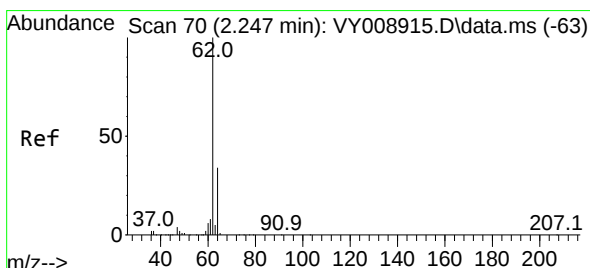
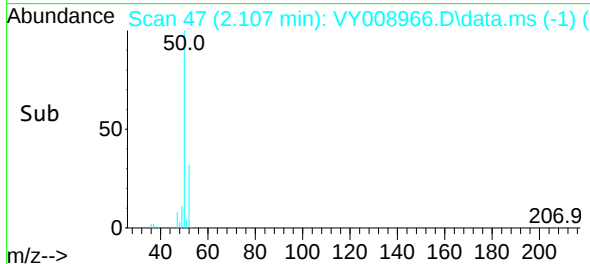
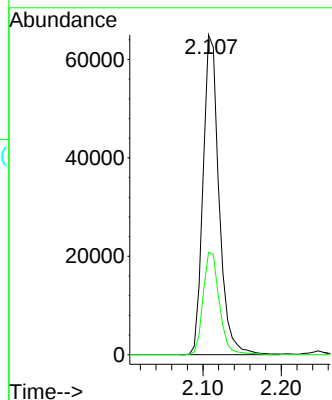
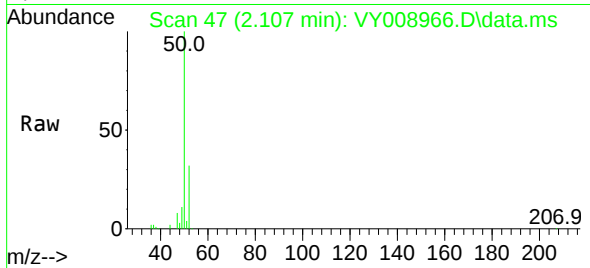




#3
Chloromethane
Concen: 64.641 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

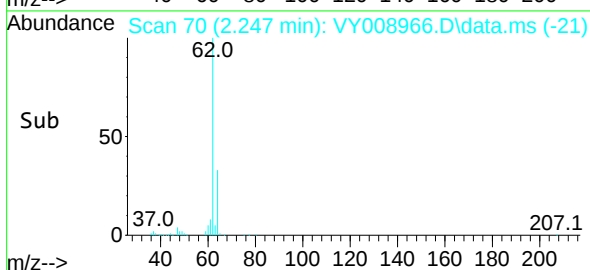
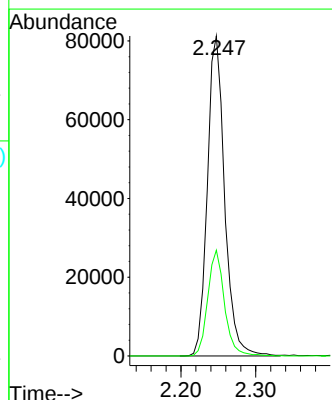
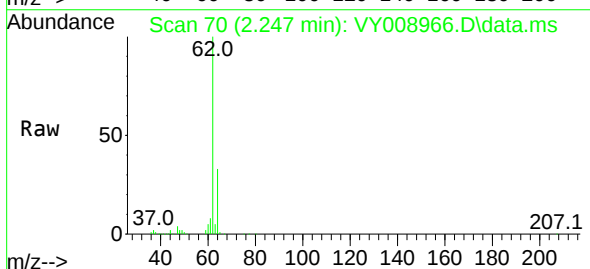
Instrument :
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ClientSampleId :
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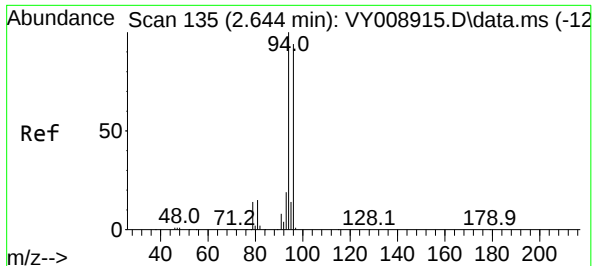
Tgt Ion: 50 Resp: 91938
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0



#4
Vinyl Chloride
Concen: 61.780 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 62 Resp: 130181
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

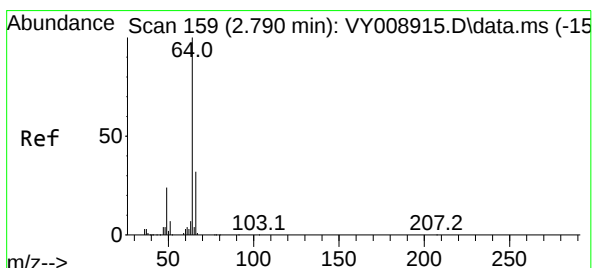
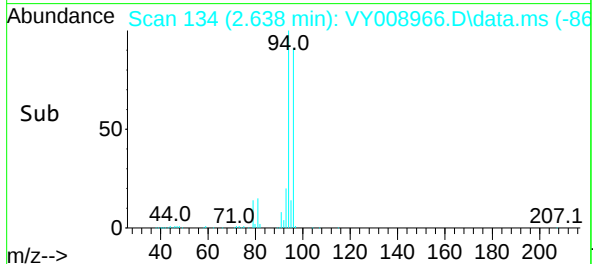
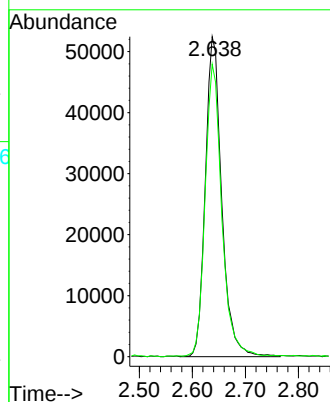
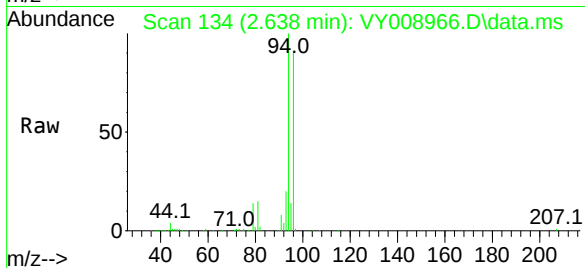




#5
Bromomethane
Concen: 54.568 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008966.D
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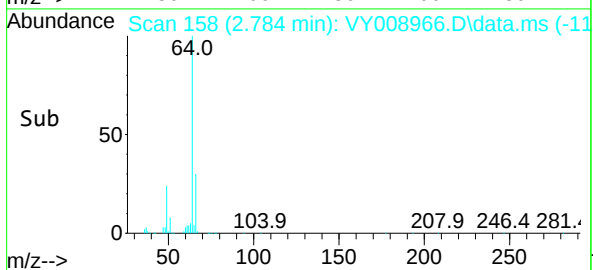
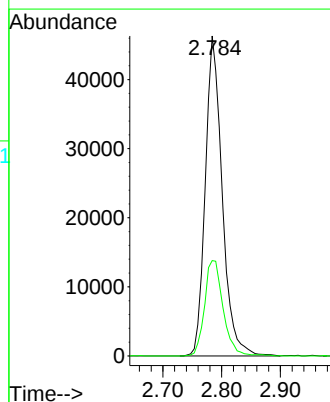
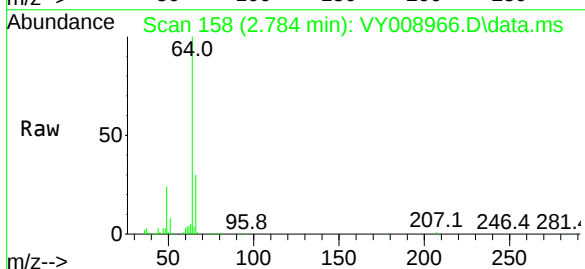
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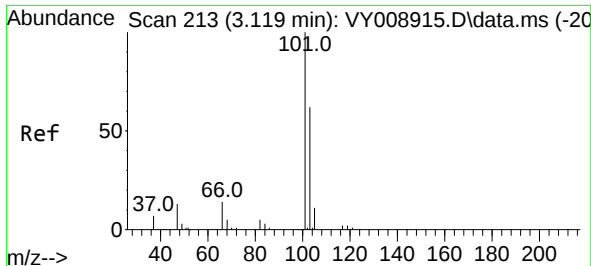
Tgt Ion: 94 Resp: 112713
Ion Ratio Lower Upper
94 100
96 91.2 73.5 110.3



#6
Chloroethane
Concen: 62.161 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008966.D
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Tgt Ion: 64 Resp: 92794
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.0

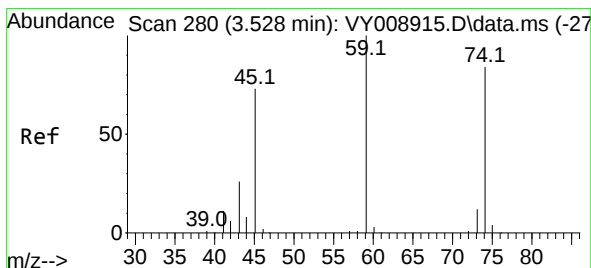
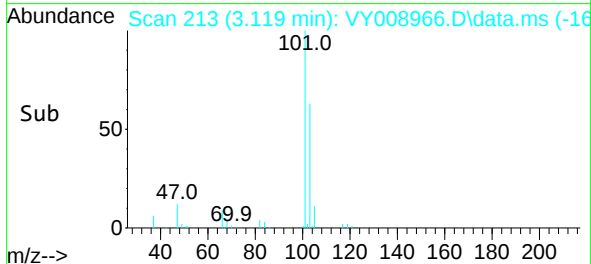
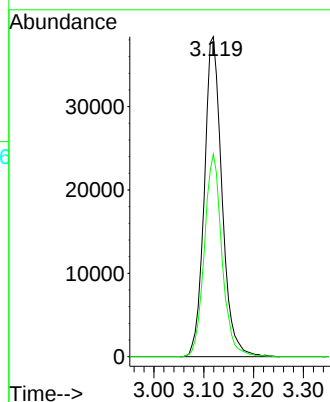
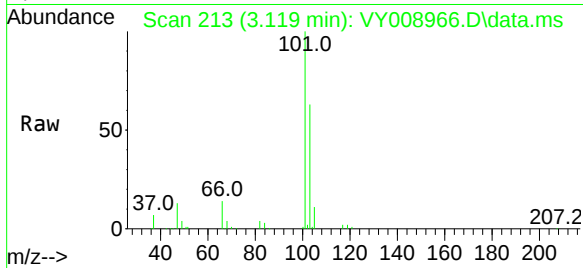




#7
Trichlorofluoromethane
Concen: 52.754 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

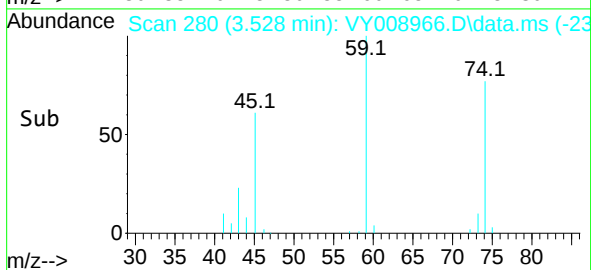
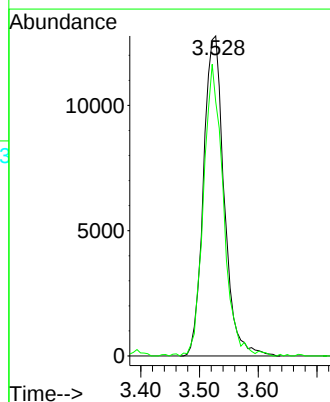
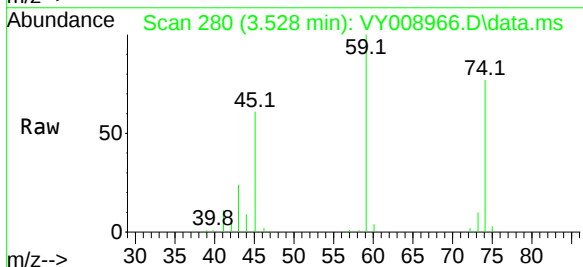
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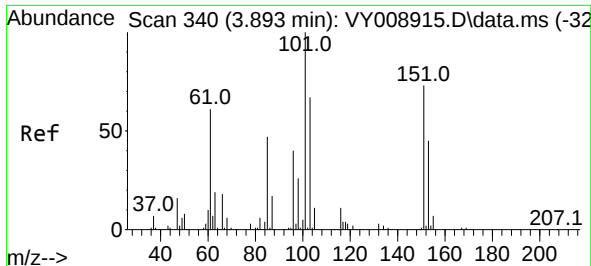
Tgt Ion:101 Resp: 94401
Ion Ratio Lower Upper
101 100
103 63.3 48.0 72.0



#8
Diethyl Ether
Concen: 55.633 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 31129
Ion Ratio Lower Upper
74 100
45 87.2 55.1 165.5

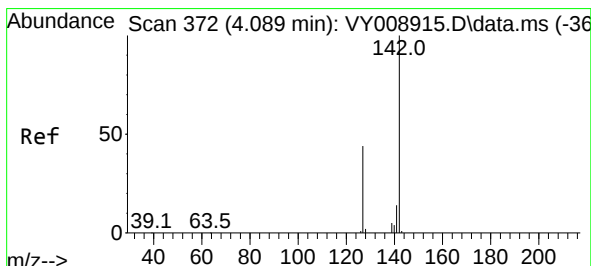
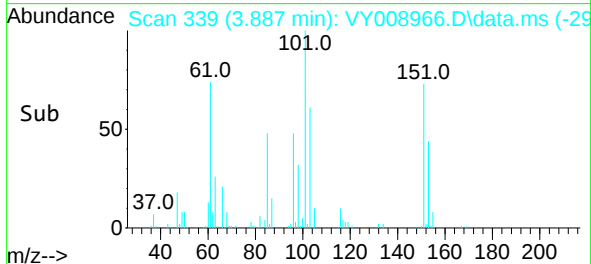
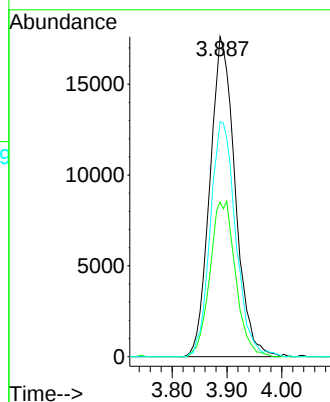
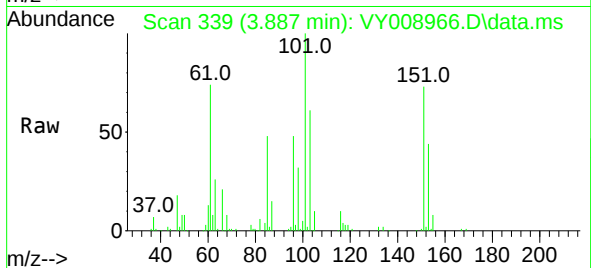




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.160 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

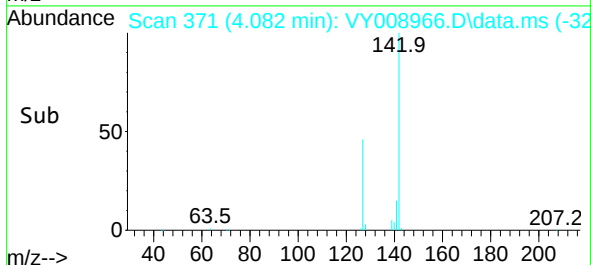
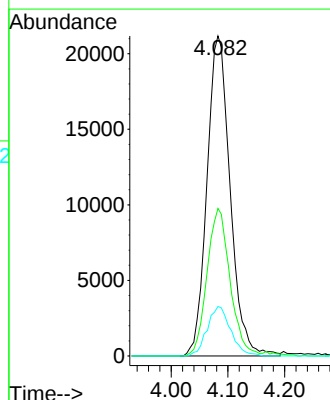
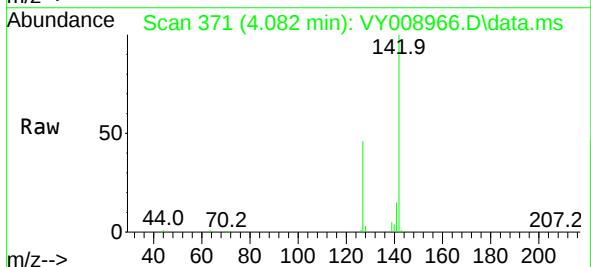
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

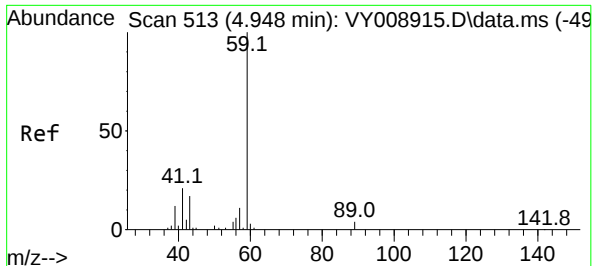
Tgt Ion:101 Resp: 56266
Ion Ratio Lower Upper
101 100
85 49.3 40.6 60.8
151 74.3 64.9 97.3



#10
Methyl Iodide
Concen: 52.956 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:142 Resp: 60140
Ion Ratio Lower Upper
142 100
127 45.7 41.5 62.3
141 15.6 11.9 17.9

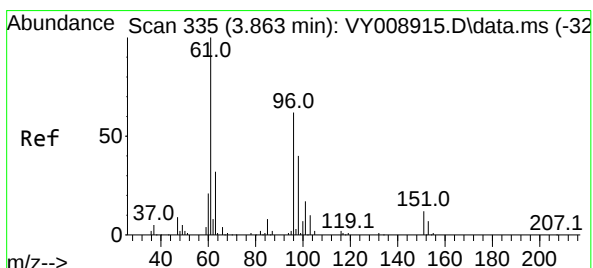
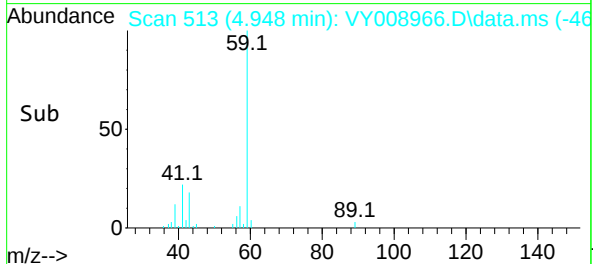
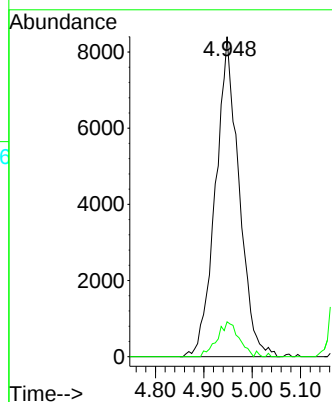
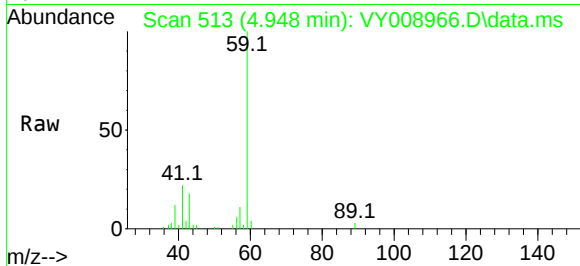




#11
Tert butyl alcohol
Concen: 250.322 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

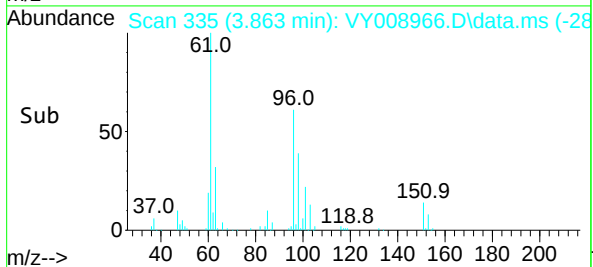
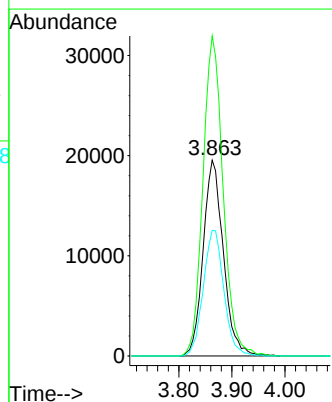
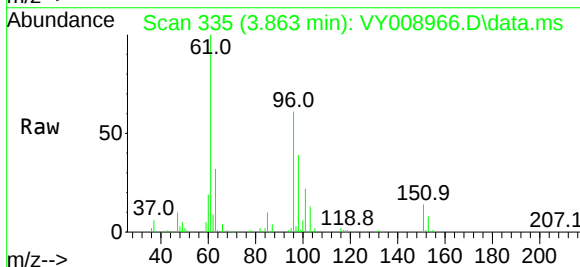
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

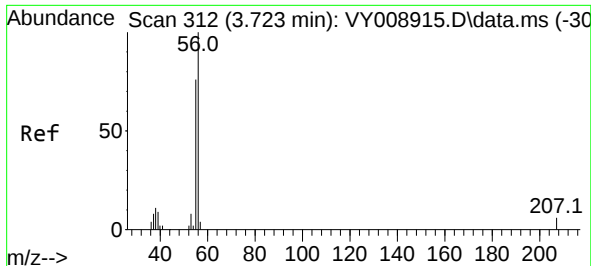
Tgt Ion: 59 Resp: 28365
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.759 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 96 Resp: 51823
Ion Ratio Lower Upper
96 100
61 163.4 145.8 218.6
98 64.2 52.5 78.7

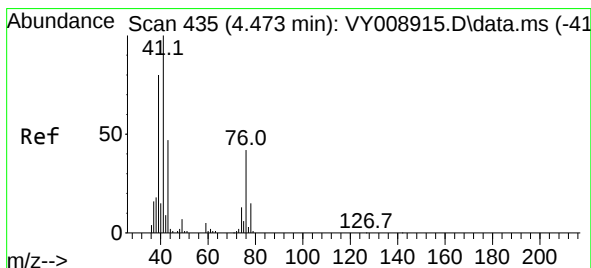
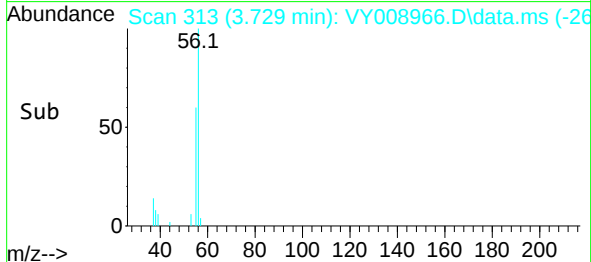
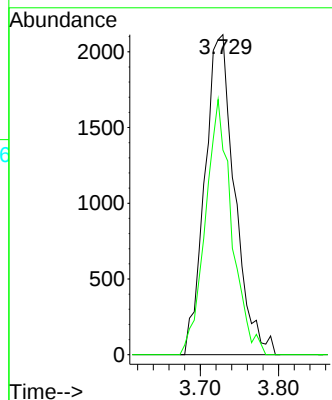
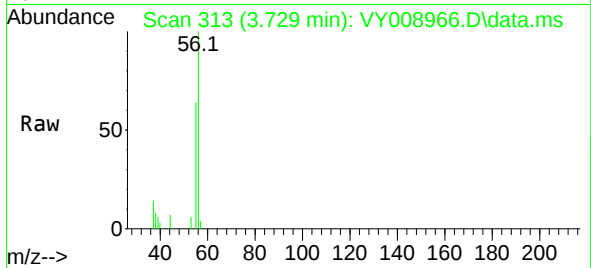




#13
Acrolein
Concen: 150.195 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

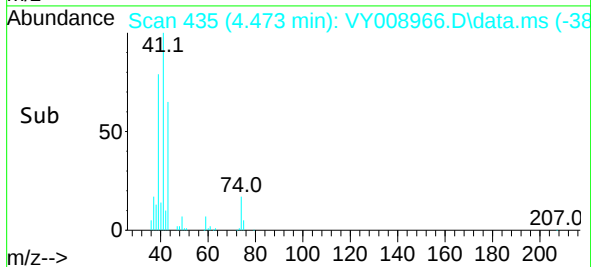
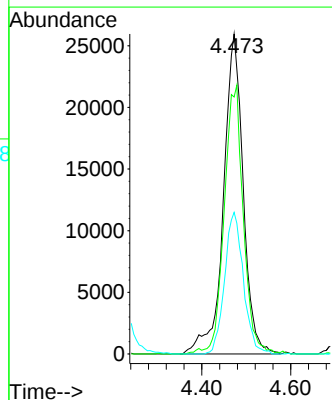
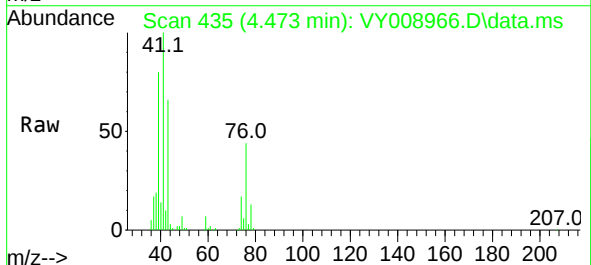
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

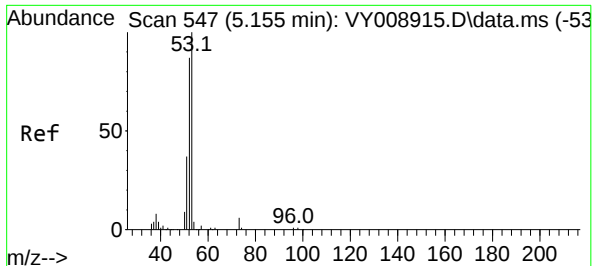
Tgt Ion: 56 Resp: 5602
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4



#14
Allyl chloride
Concen: 51.884 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 41 Resp: 79830
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 42.0 25.1 37.7#

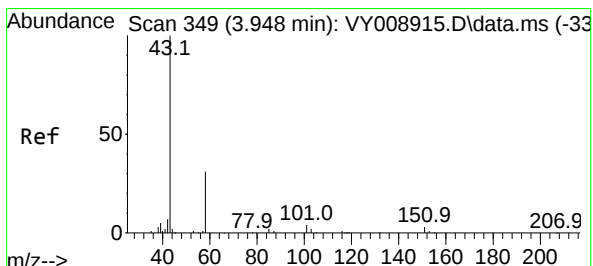
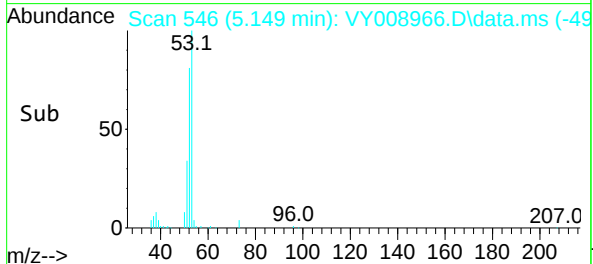
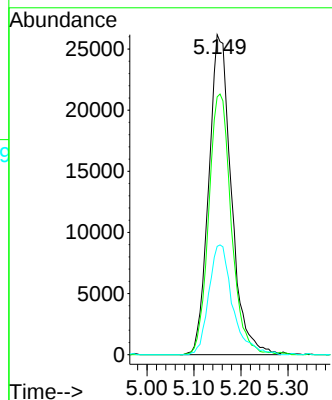
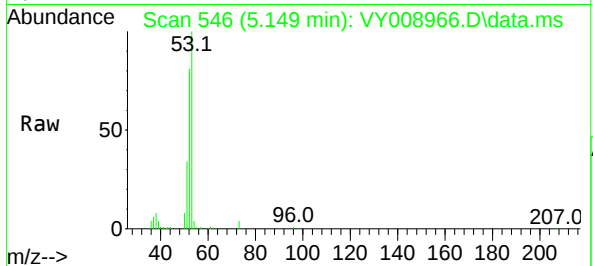




#15
Acrylonitrile
Concen: 279.066 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

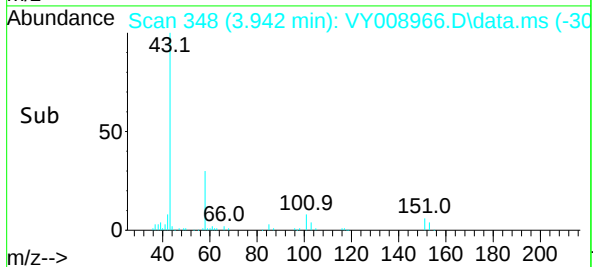
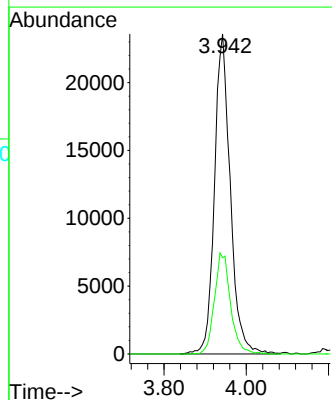
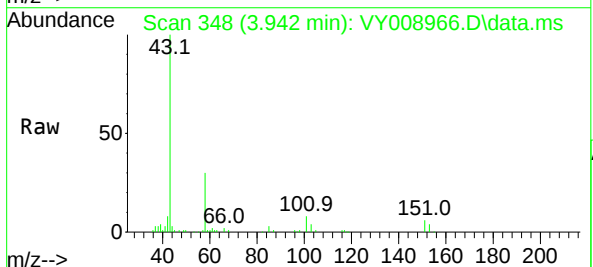
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

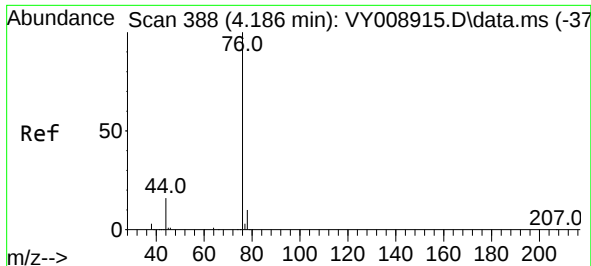
Tgt Ion: 53 Resp: 87429
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 271.355 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 43 Resp: 63101
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

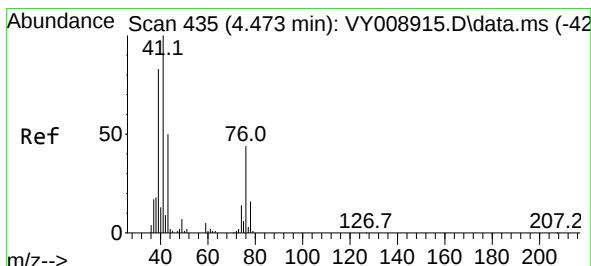
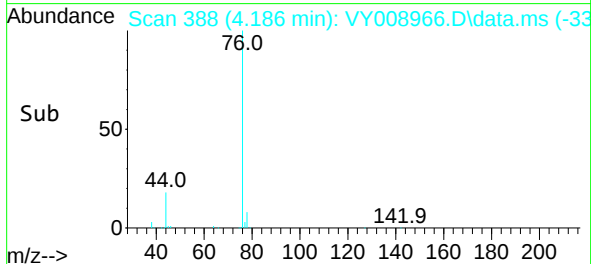
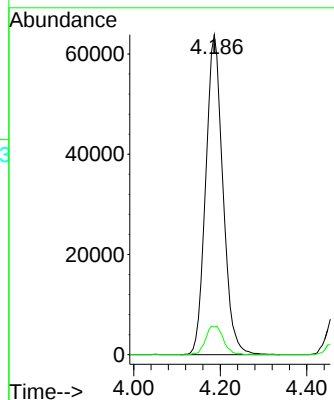
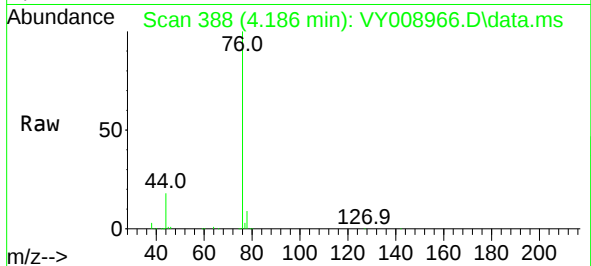




#17
Carbon Disulfide
Concen: 52.683 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

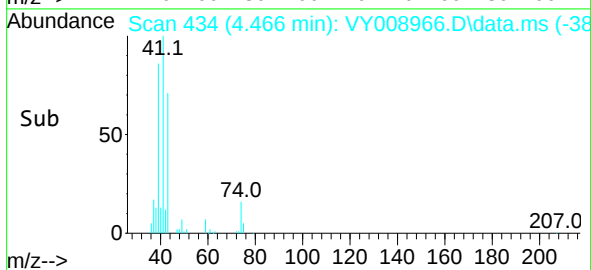
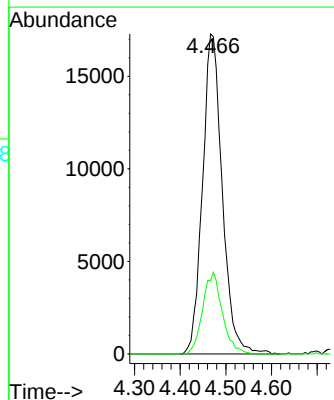
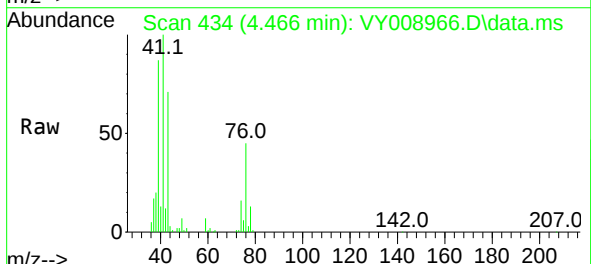
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 175722
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 71.653 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 43 Resp: 51886
Ion Ratio Lower Upper
43 100
74 25.4 16.6 24.8#

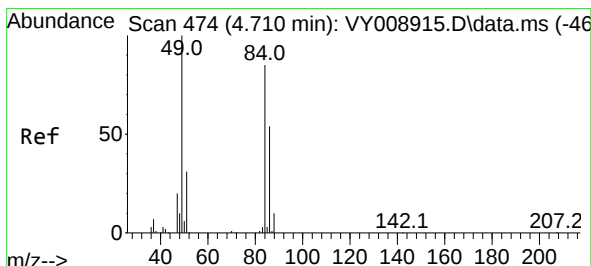
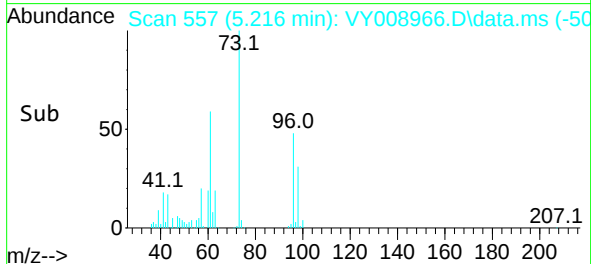
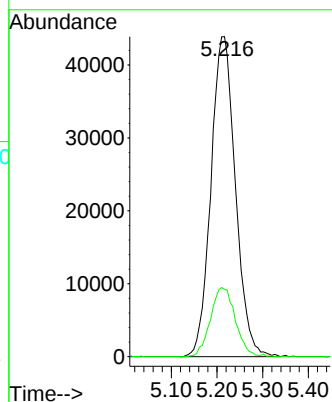
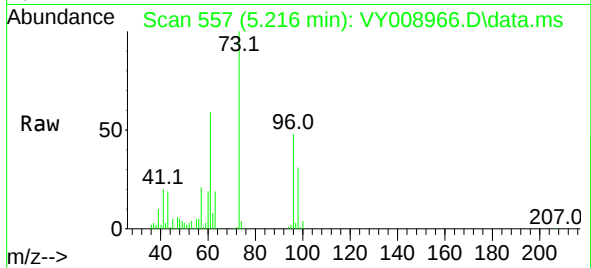




#19
Methyl tert-butyl Ether
Concen: 53.315 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

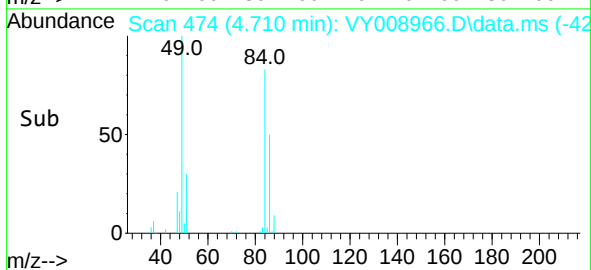
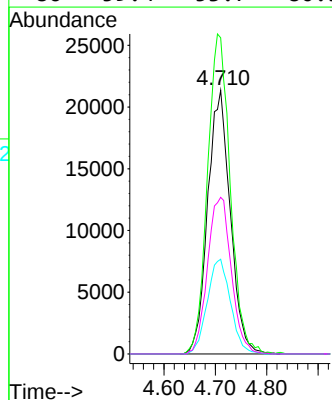
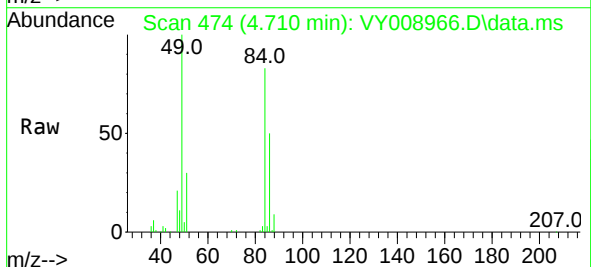
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 163378
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 50.118 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 84 Resp: 65084
Ion Ratio Lower Upper
84 100
49 119.9 114.4 171.6
51 35.9 35.3 52.9
86 59.4 53.7 80.5

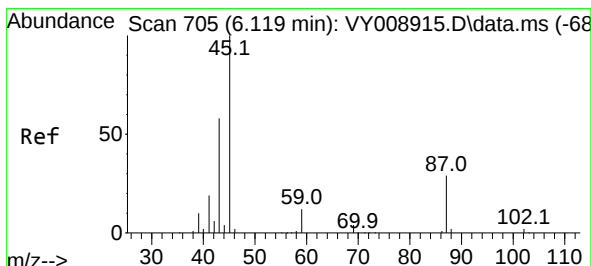
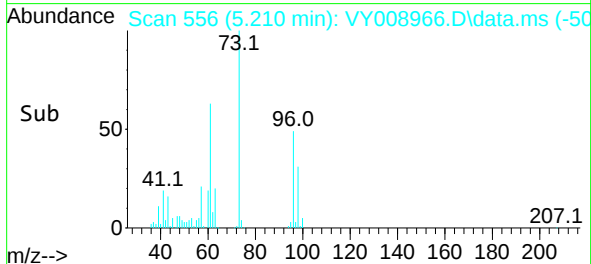
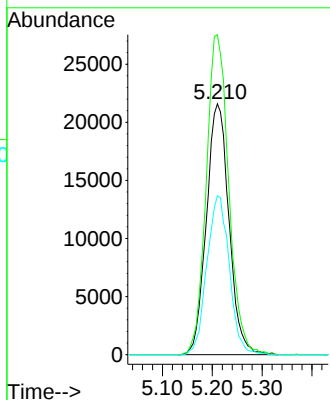
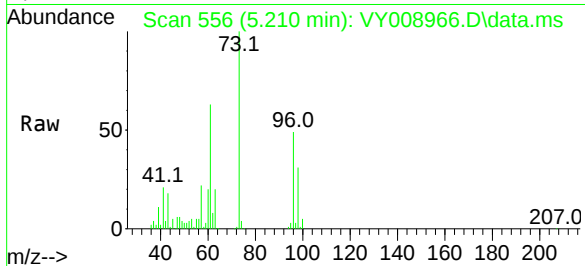




#21
trans-1,2-Dichloroethene
Concen: 51.849 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

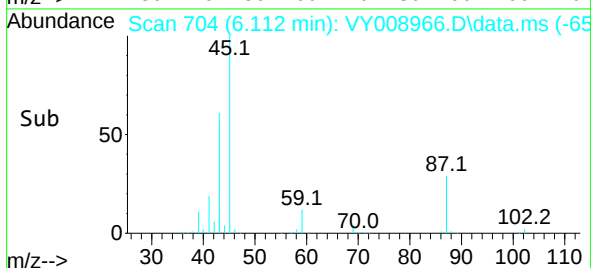
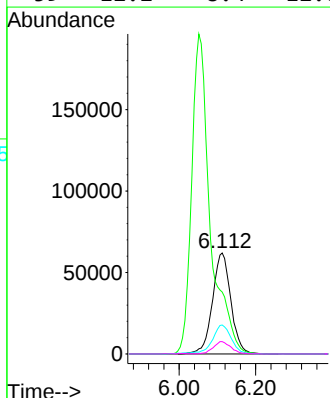
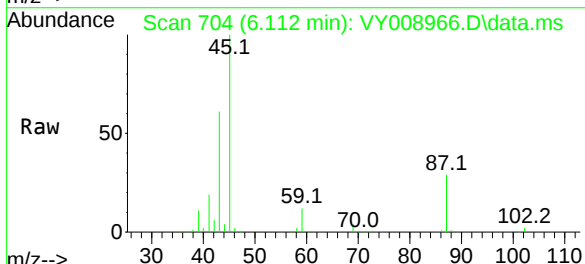
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

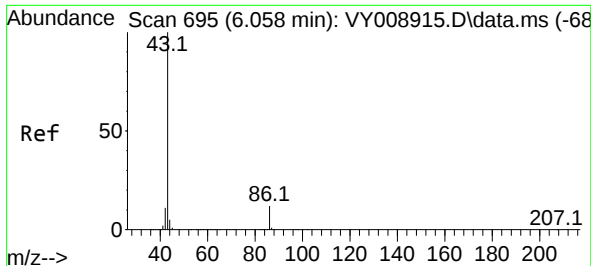
Tgt Ion: 96 Resp: 67944
Ion Ratio Lower Upper
96 100
61 127.5 120.5 180.7
98 63.3 49.8 74.8



#22
Diisopropyl ether
Concen: 56.018 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 45 Resp: 207069
Ion Ratio Lower Upper
45 100
43 61.3 49.3 73.9
87 28.7 19.2 28.8
59 12.2 8.4 12.6

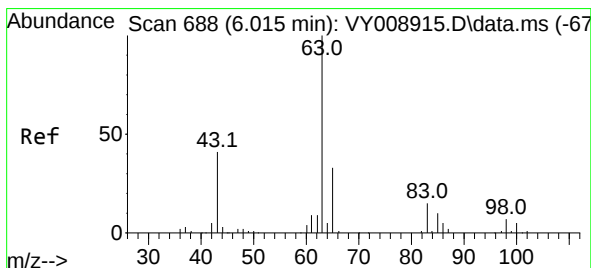
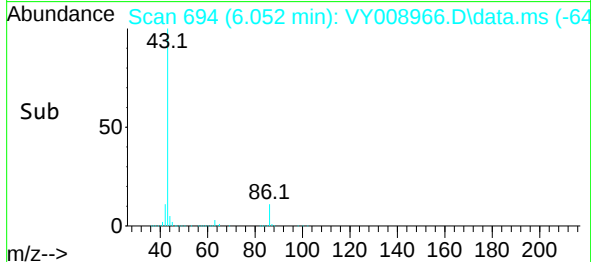
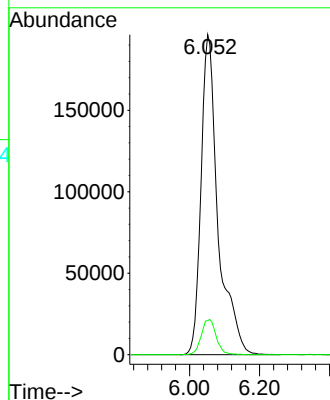
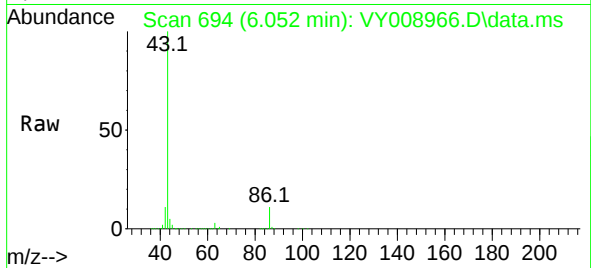




#23
 Vinyl Acetate
 Concen: 270.971 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY008966.D
 Acq: 21 May 2022 22:45

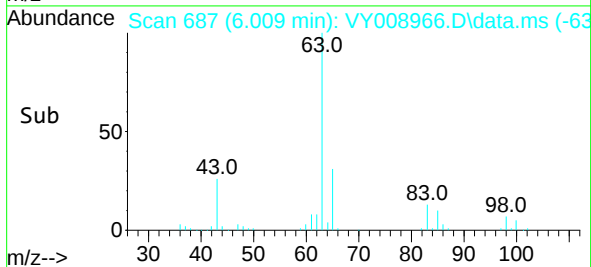
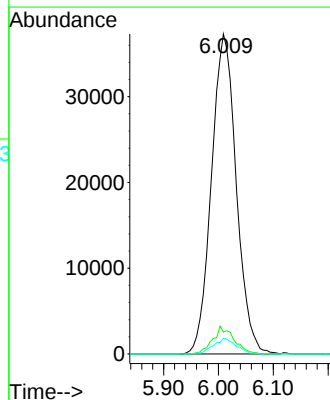
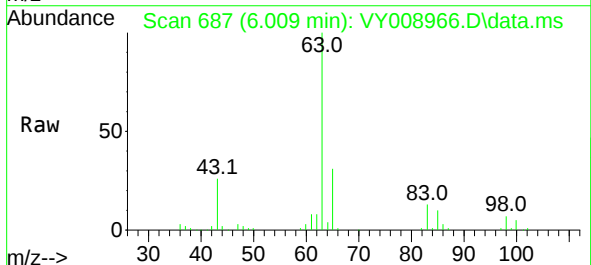
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 662561
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 53.114 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008966.D
 Acq: 21 May 2022 22:45

Tgt Ion: 63 Resp: 117431
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 283.364 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

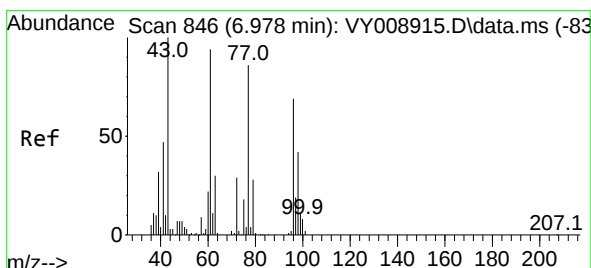
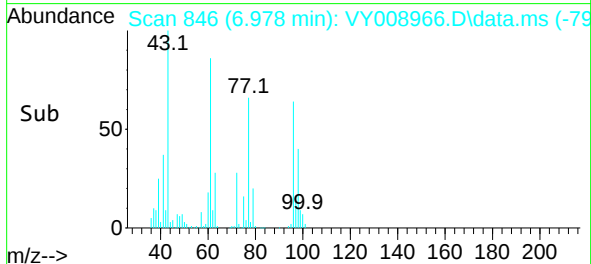
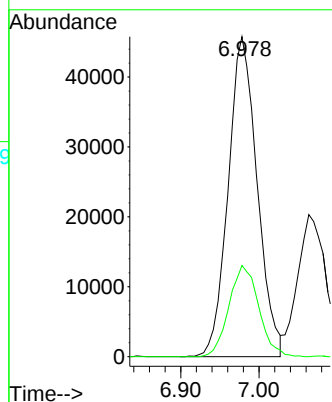
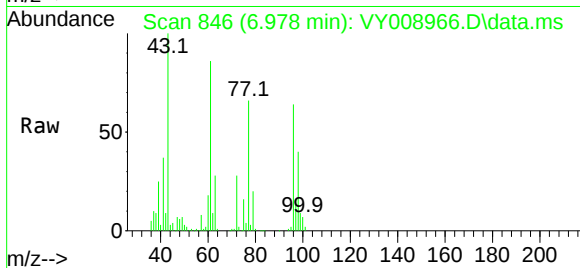
VSTDCCC050

Tgt Ion: 43 Resp: 117693

Ion Ratio Lower Upper

43 100

72 28.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 45.131 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008966.D

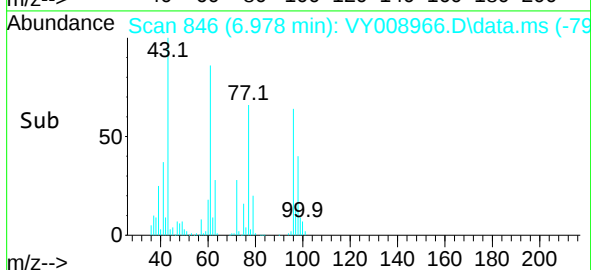
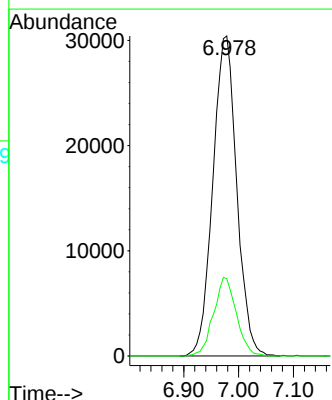
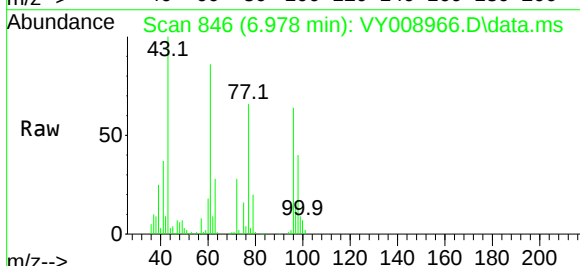
Acq: 21 May 2022 22:45

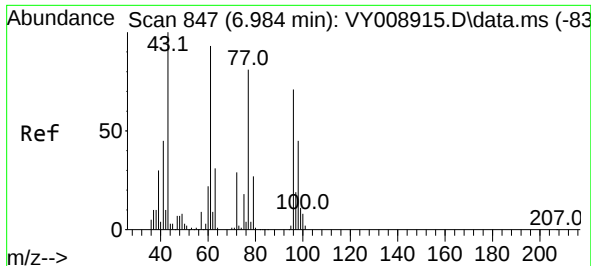
Tgt Ion: 77 Resp: 91915

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.276 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008966.D

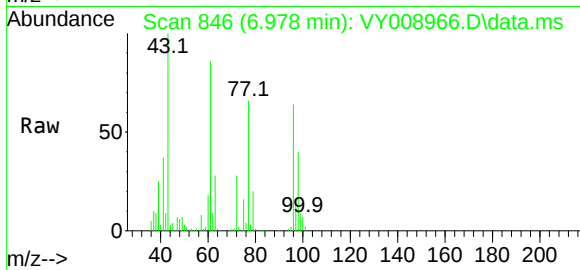
Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



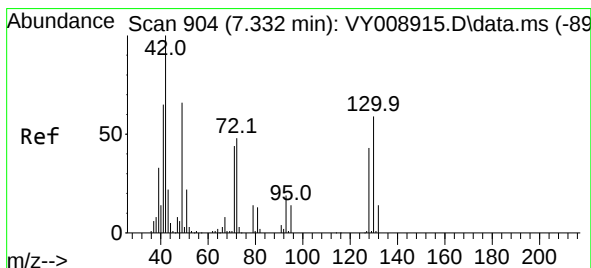
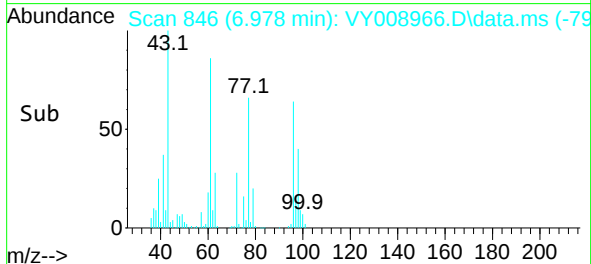
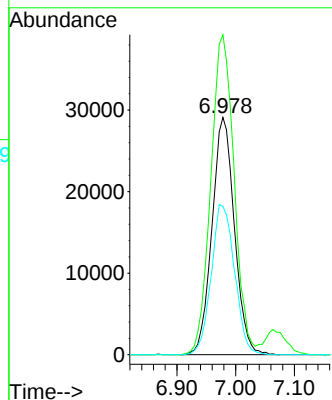
Tgt Ion: 96 Resp: 77223

Ion Ratio Lower Upper

96 100

61 139.9 0.0 319.8

98 65.8 0.0 127.0



#28

Bromochloromethane

Concen: 55.927 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

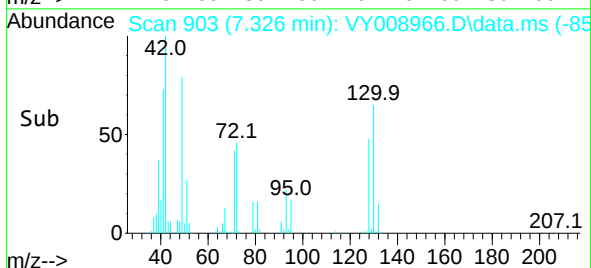
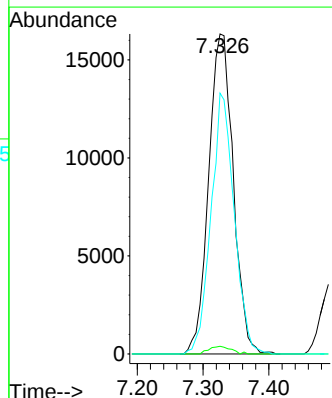
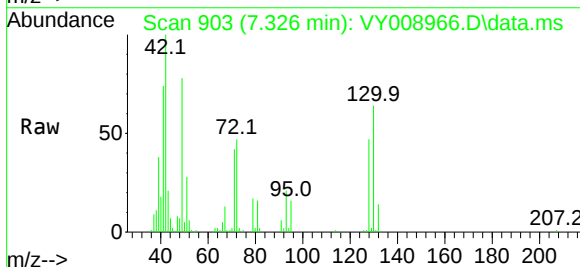
Tgt Ion: 49 Resp: 42441

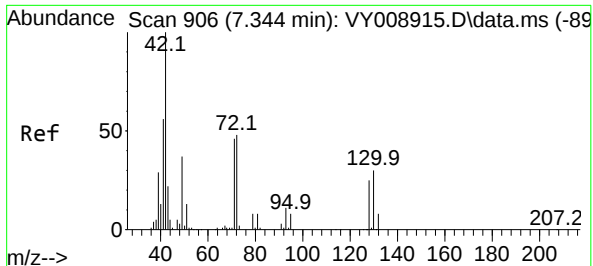
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 292.809 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

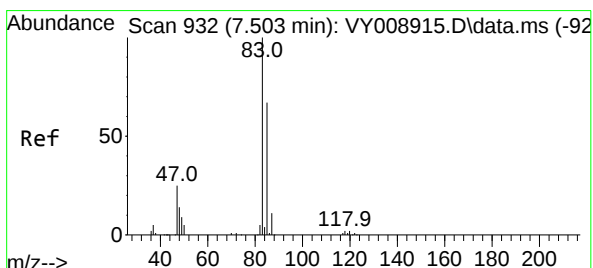
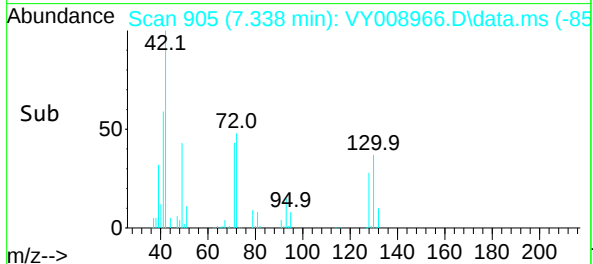
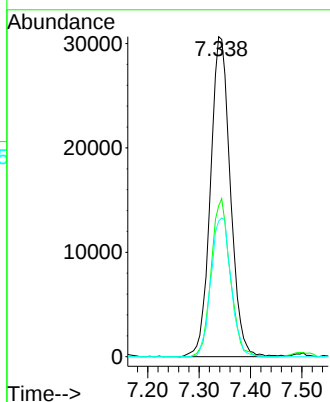
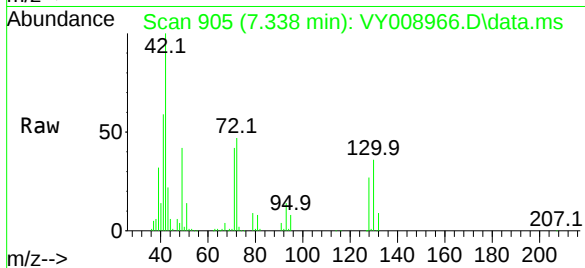
Tgt Ion: 42 Resp: 82611

Ion Ratio Lower Upper

42 100

72 46.8 30.3 45.5#

71 43.6 29.0 43.4#



#30

Chloroform

Concen: 53.814 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY008966.D

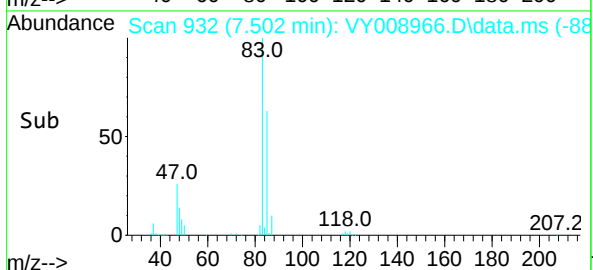
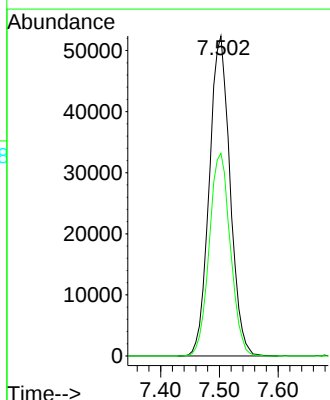
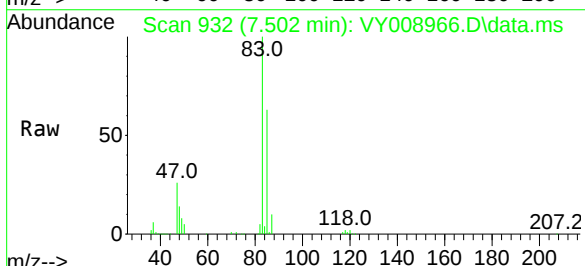
Acq: 21 May 2022 22:45

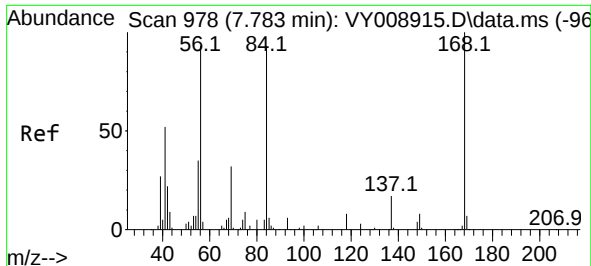
Tgt Ion: 83 Resp: 128431

Ion Ratio Lower Upper

83 100

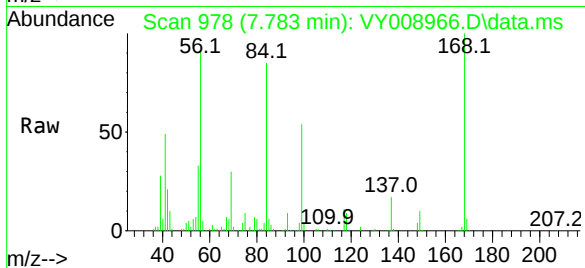
85 63.4 51.8 77.6



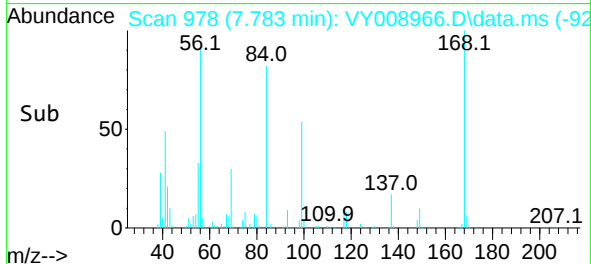
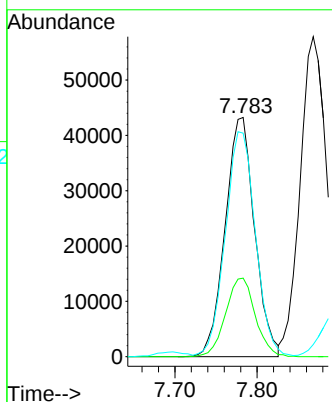


#31
Cyclohexane
Concen: 49.336 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

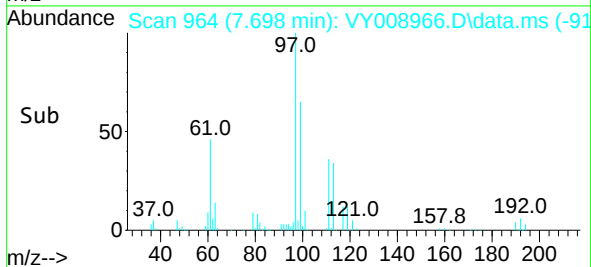
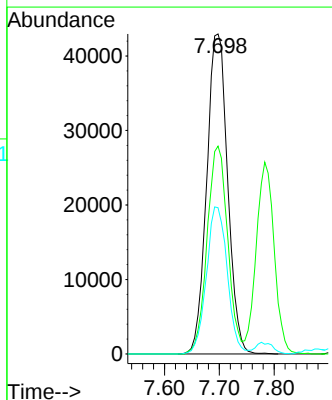
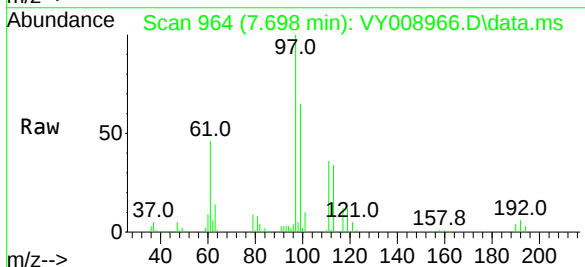


Tgt Ion: 56 Resp: 107824
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 91.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.563 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 97 Resp: 113810
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 45.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.289 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

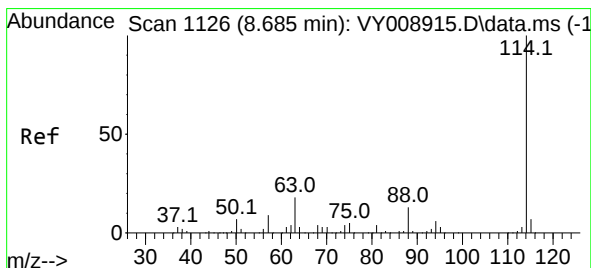
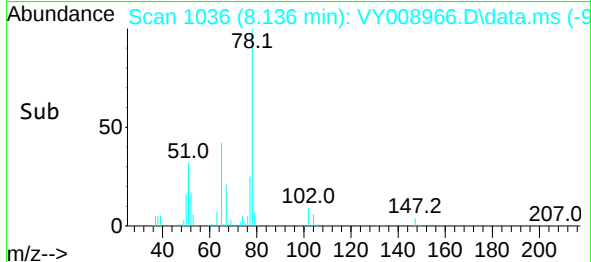
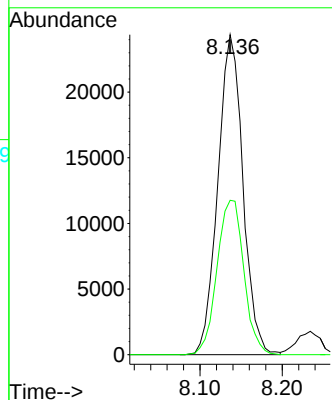
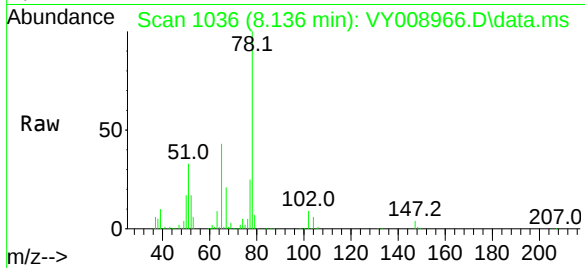
VSTDCCC050

Tgt Ion: 65 Resp: 51711

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

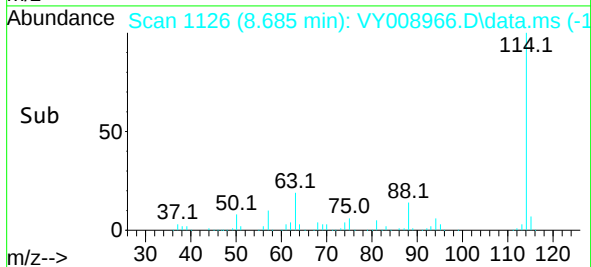
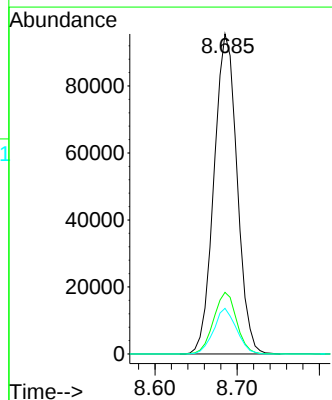
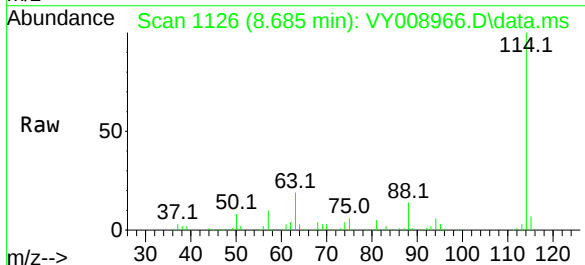
Tgt Ion: 114 Resp: 186508

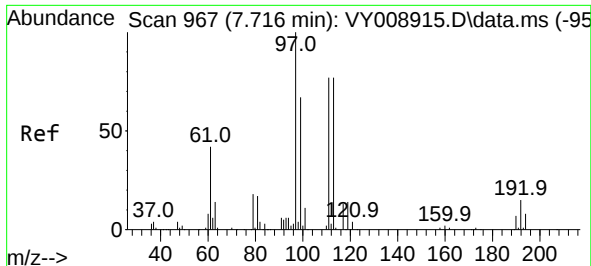
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.3 0.0 31.8

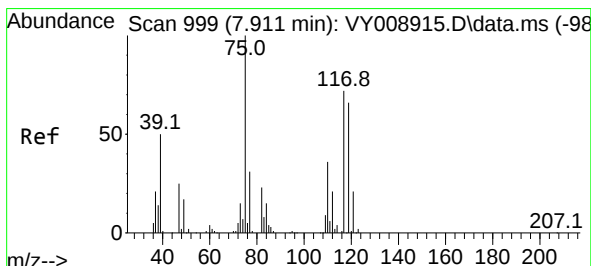
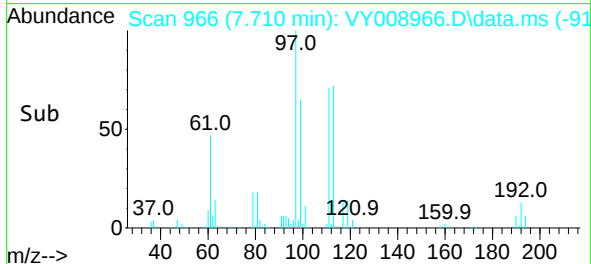
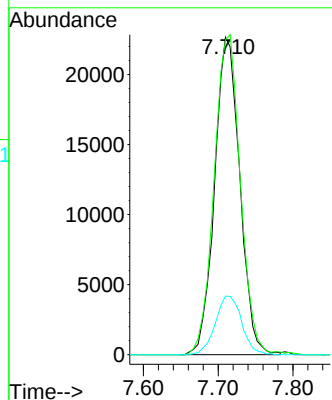
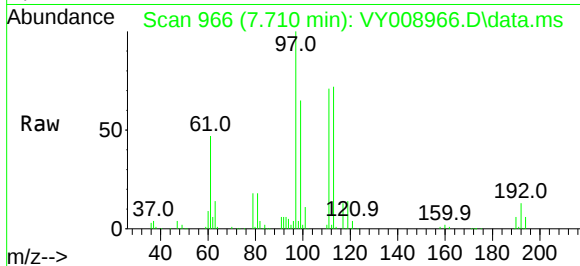




#35
Dibromofluoromethane
Concen: 45.778 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

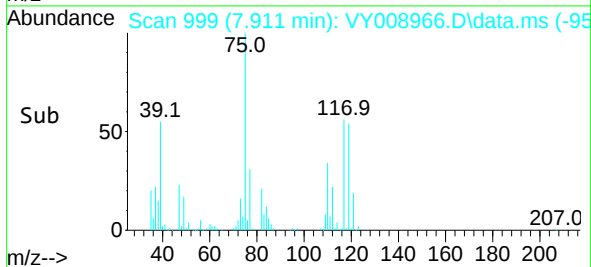
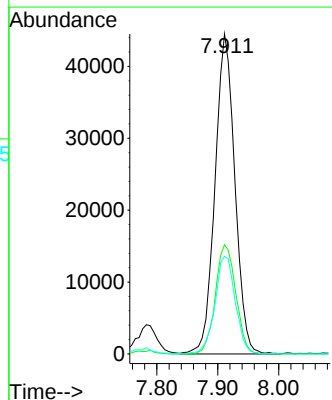
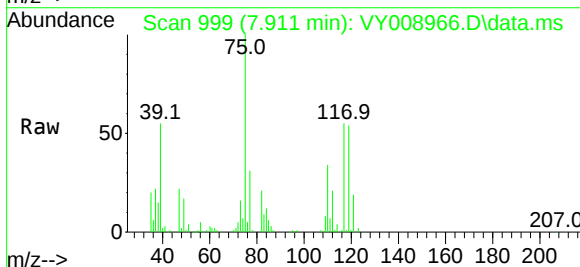
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 53093
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.037 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 75 Resp: 100734
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 51.619 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

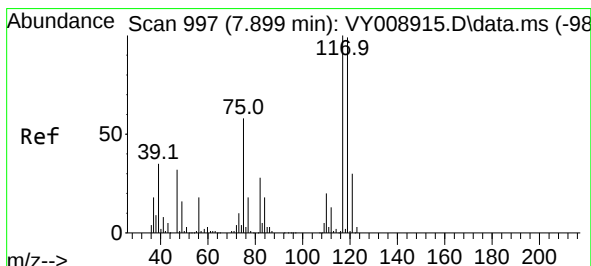
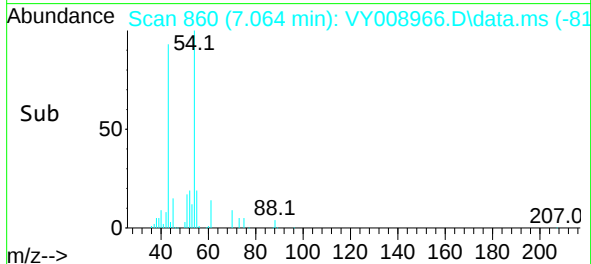
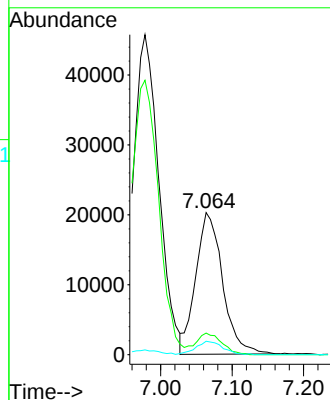
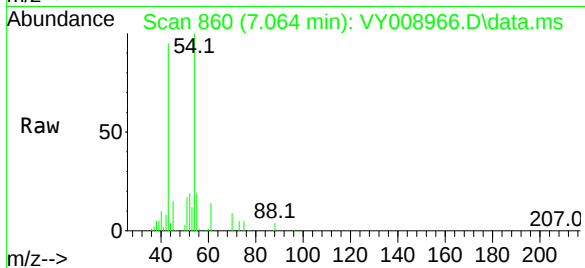
Tgt Ion: 43 Resp: 52849

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.224 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

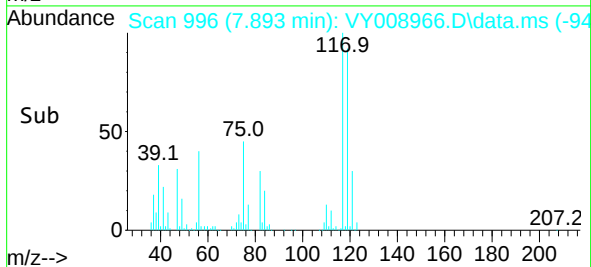
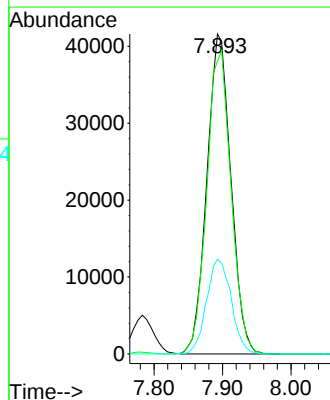
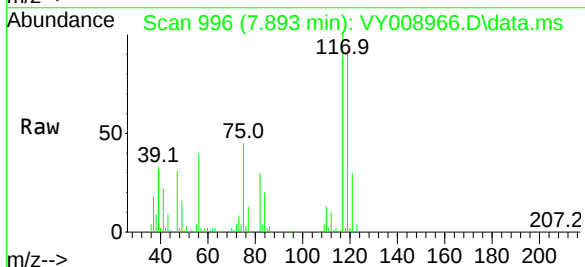
Tgt Ion: 117 Resp: 101633

Ion Ratio Lower Upper

117 100

119 91.5 77.9 116.9

121 29.6 24.8 37.2





#39

Methylcyclohexane

Concen: 49.965 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

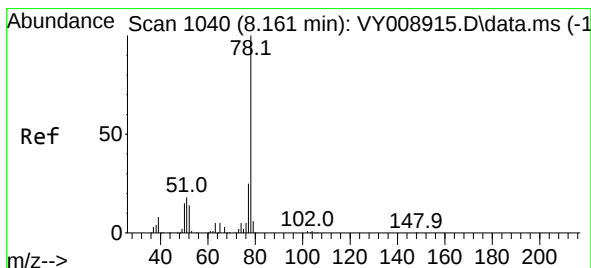
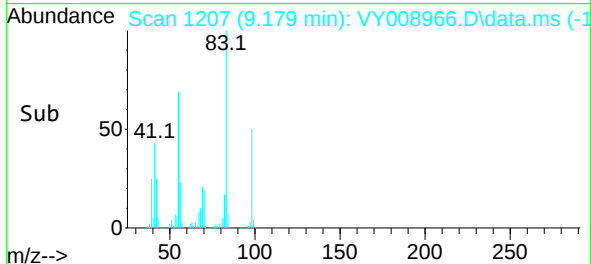
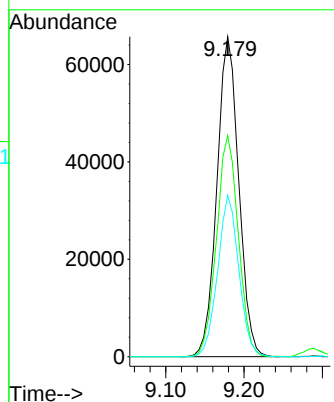
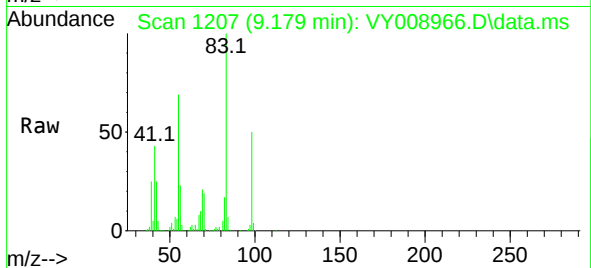
Tgt Ion: 83 Resp: 127294

Ion Ratio Lower Upper

83 100

55 69.1 66.5 99.7

98 50.4 37.9 56.9



#40

Benzene

Concen: 52.584 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008966.D

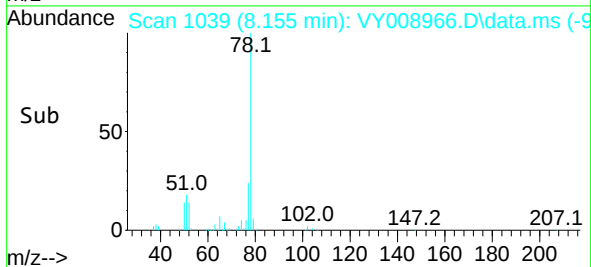
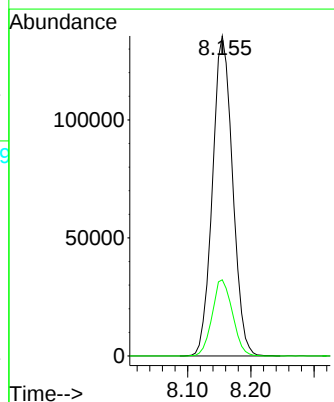
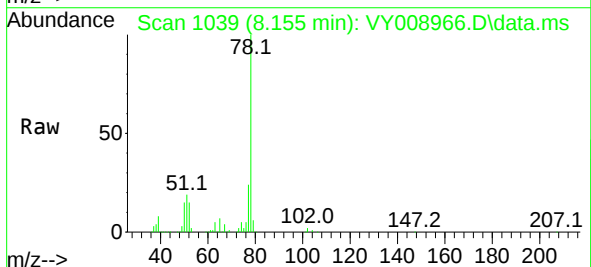
Acq: 21 May 2022 22:45

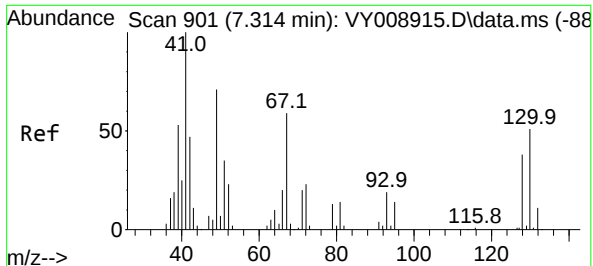
Tgt Ion: 78 Resp: 299280

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

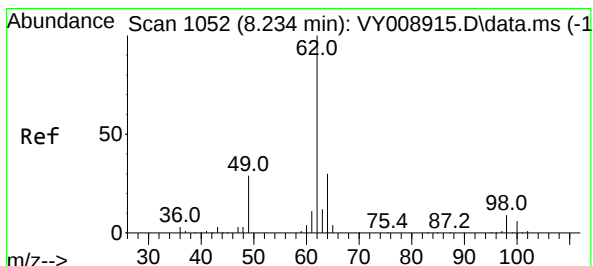
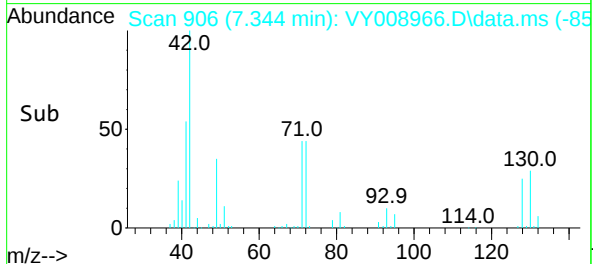
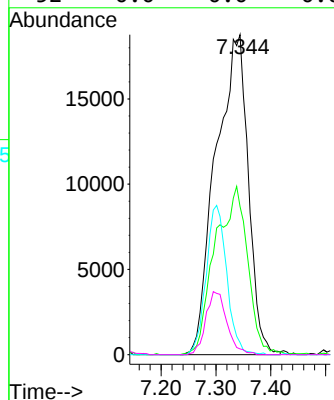
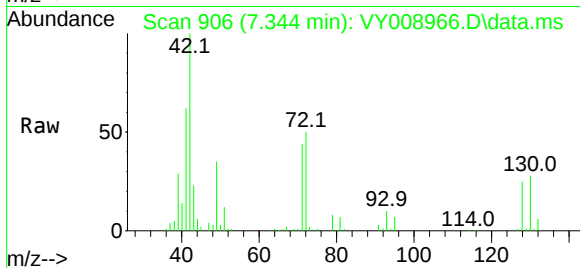




#41
Methacrylonitrile
Concen: 145.388 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

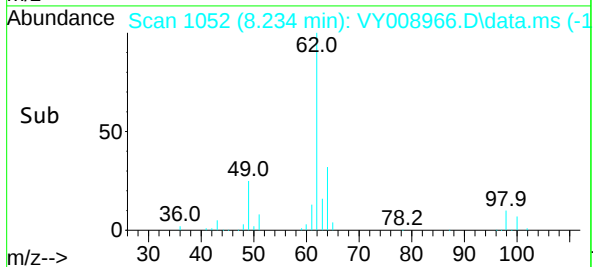
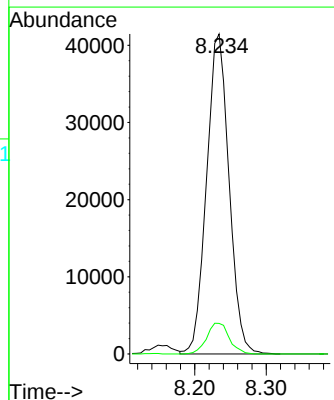
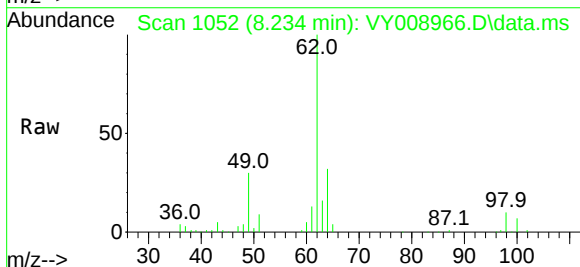
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

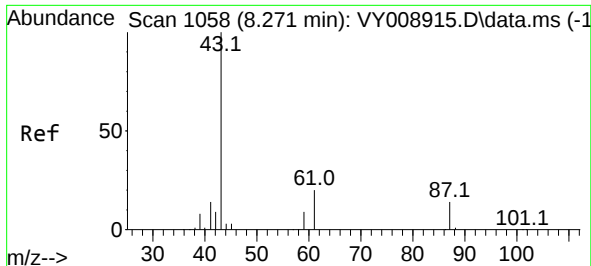
Tgt Ion: 41 Resp: 76812
Ion Ratio Lower Upper
41 100
39 52.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.086 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 62 Resp: 90391
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8

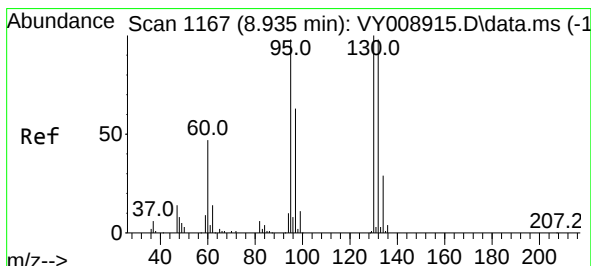
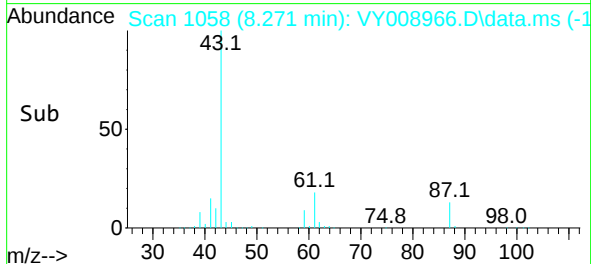
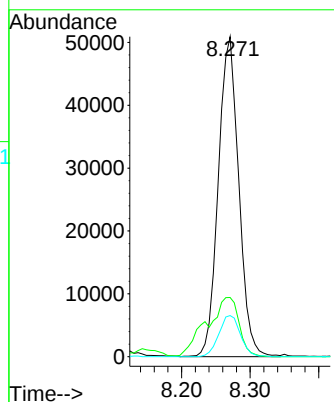
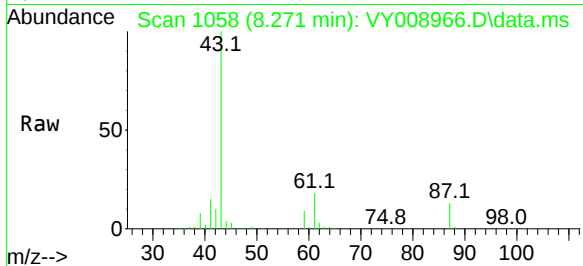




#43
Isopropyl Acetate
Concen: 55.360 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

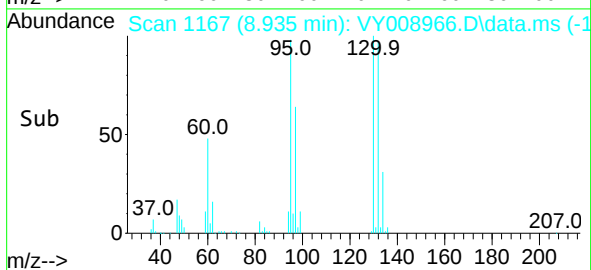
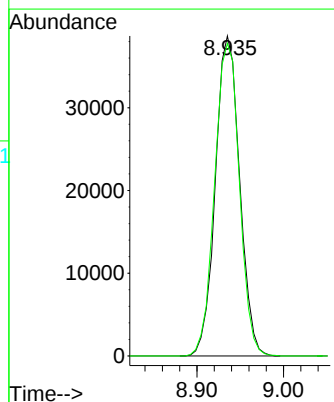
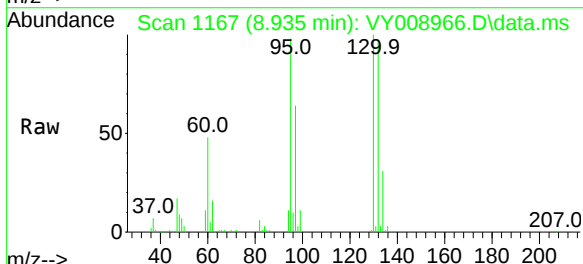
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

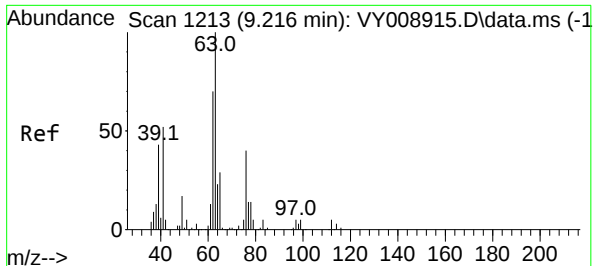
Tgt Ion: 43 Resp: 105390
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 13.6 8.9 13.3#



#44
Trichloroethene
Concen: 49.958 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:130 Resp: 75287
Ion Ratio Lower Upper
130 100
95 97.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.434 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

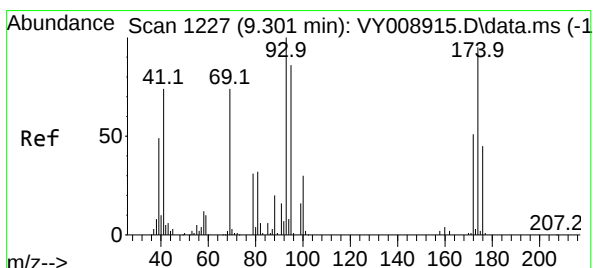
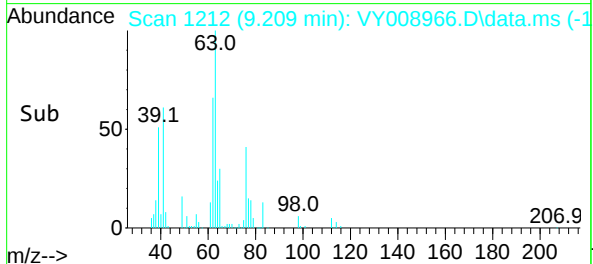
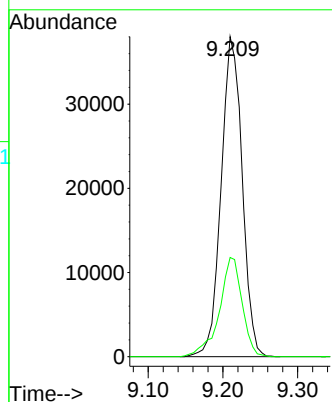
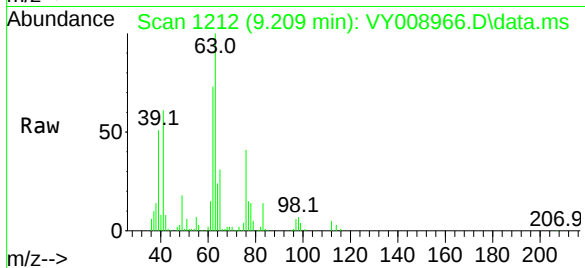
VSTDCCC050

Tgt Ion: 63 Resp: 74390

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.6



#46

Dibromomethane

Concen: 54.096 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

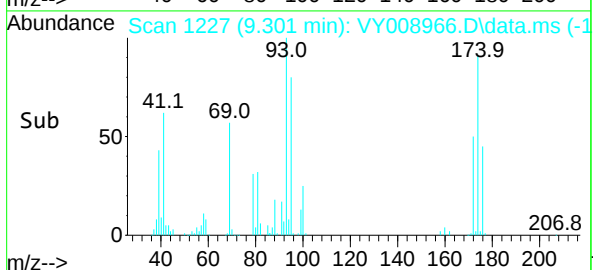
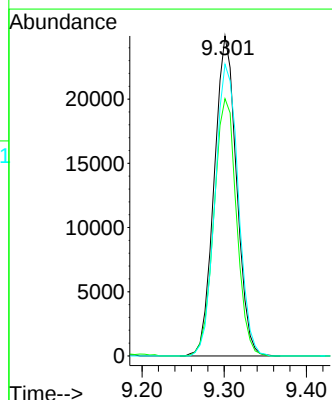
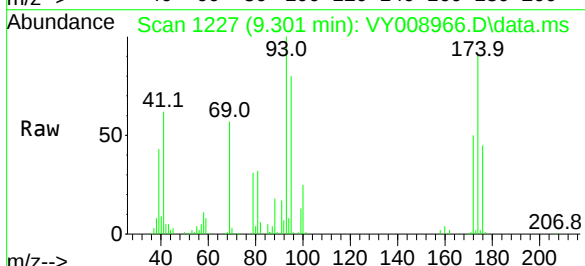
Tgt Ion: 93 Resp: 47008

Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 94.6 83.4 125.0

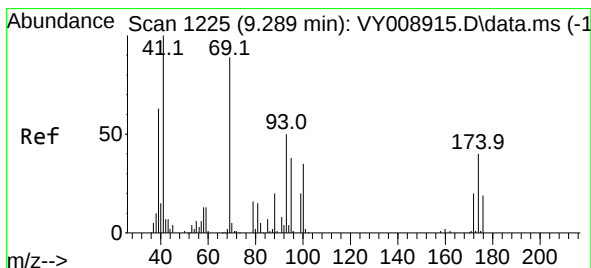
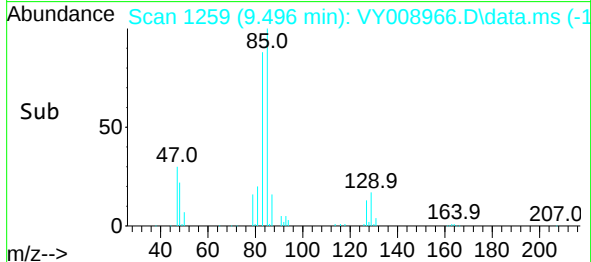
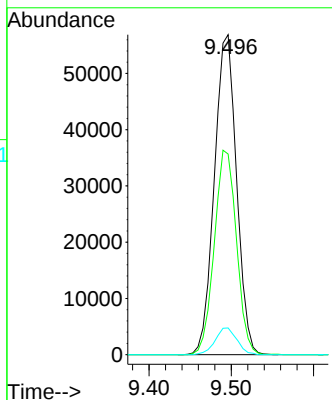
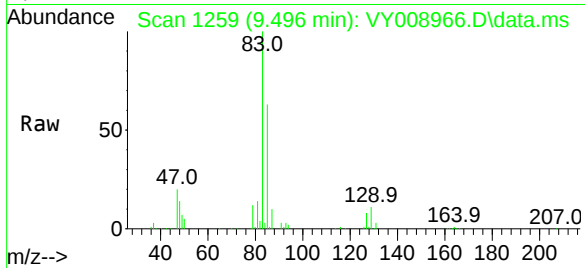




#47
Bromodichloromethane
Concen: 53.771 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

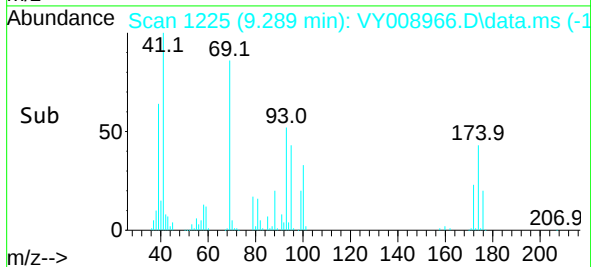
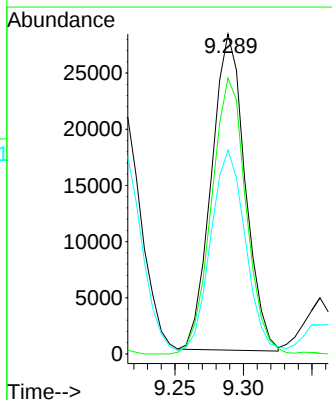
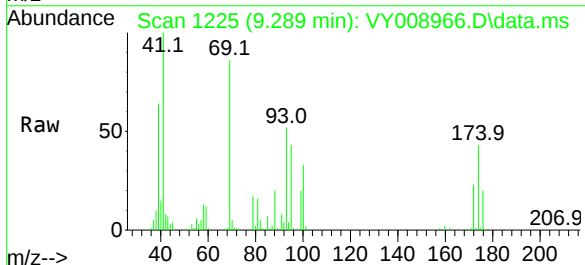
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

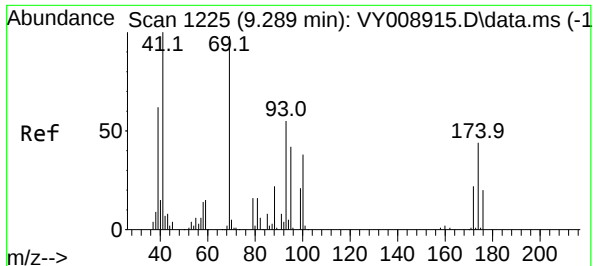
Tgt Ion: 83 Resp: 106787
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 56.594 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 41 Resp: 48108
Ion Ratio Lower Upper
41 100
69 89.6 58.2 87.2#
39 67.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1104.412 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

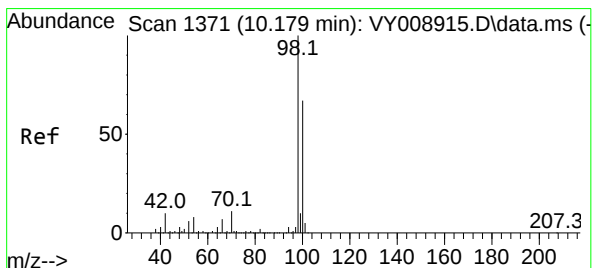
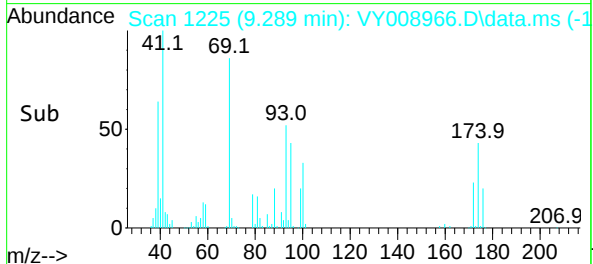
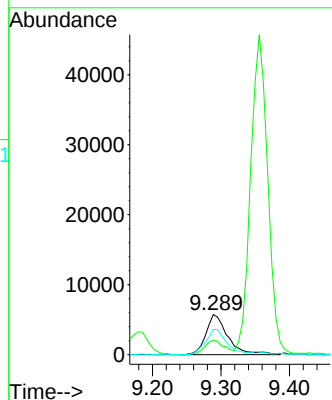
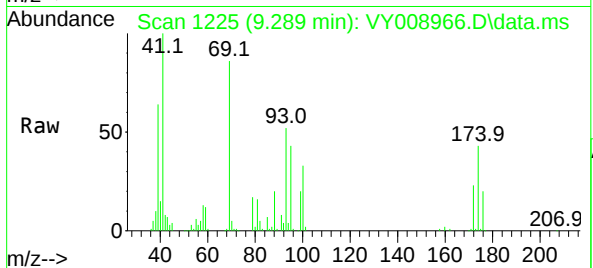
Tgt Ion: 88 Resp: 12829

Ion Ratio Lower Upper

88 100

43 33.4 32.8 49.2

58 60.8 59.8 89.6



#50

Toluene-d8

Concen: 41.847 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008966.D

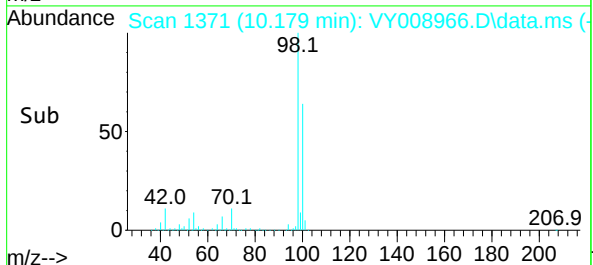
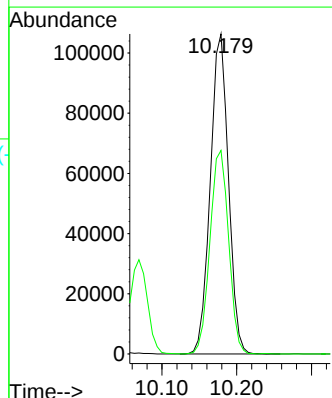
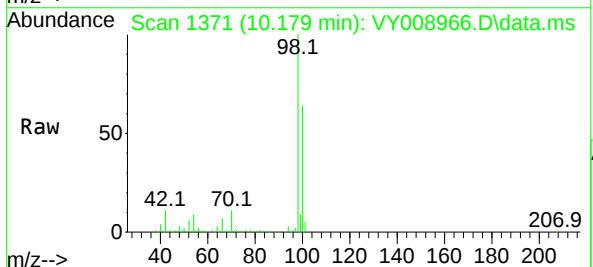
Acq: 21 May 2022 22:45

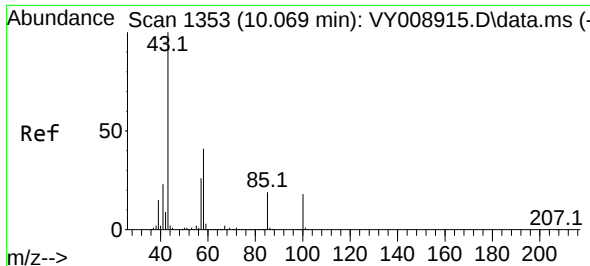
Tgt Ion: 98 Resp: 179049

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

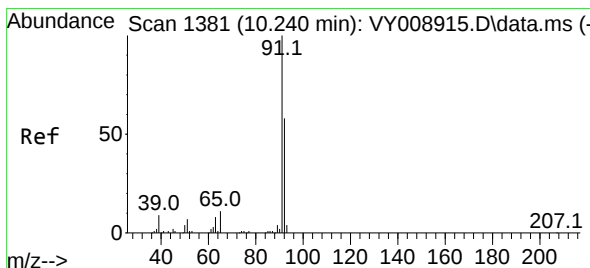
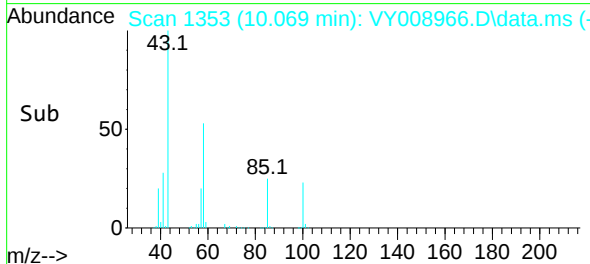
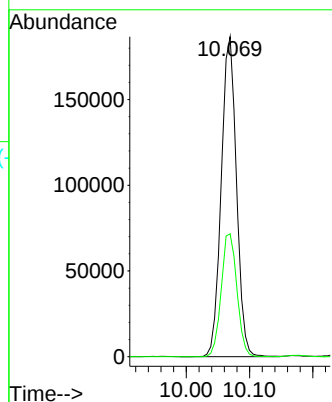
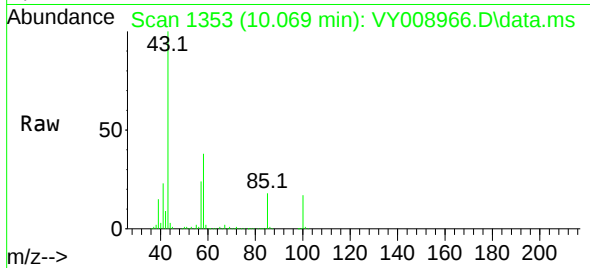




#51
4-Methyl-2-Pentanone
Concen: 294.504 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

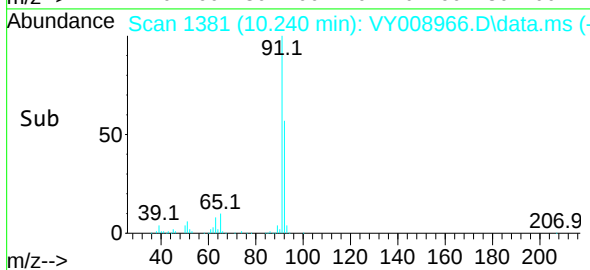
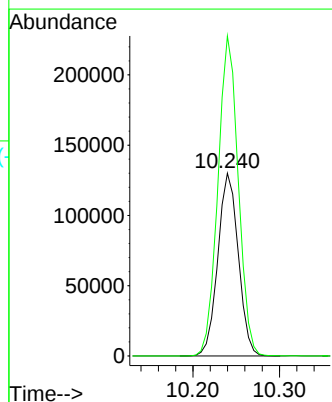
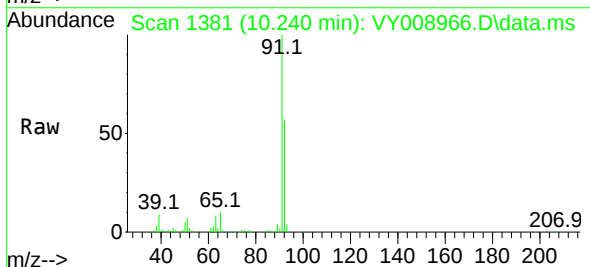
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

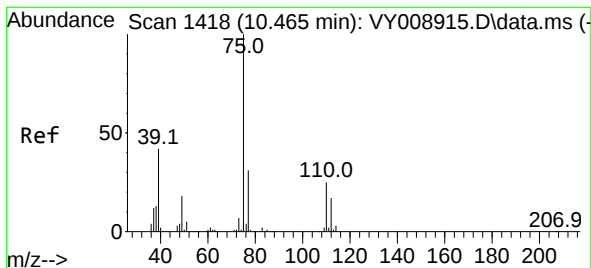
Tgt Ion: 43 Resp: 310283
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 53.632 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 92 Resp: 213319
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8

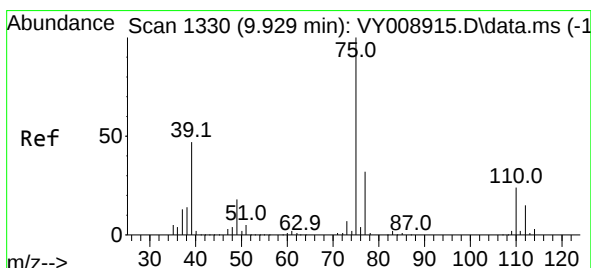
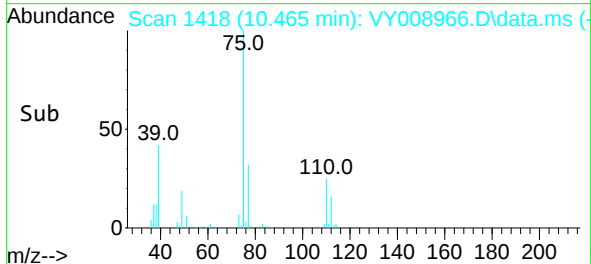
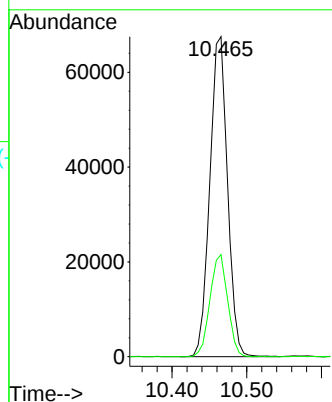
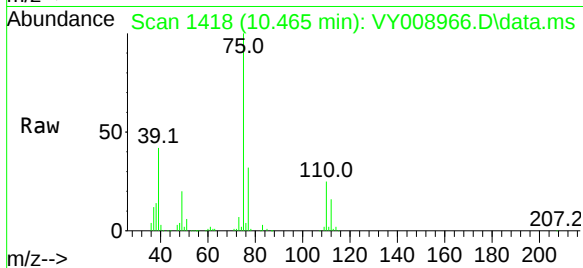




#53
t-1,3-Dichloropropene
Concen: 52.599 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

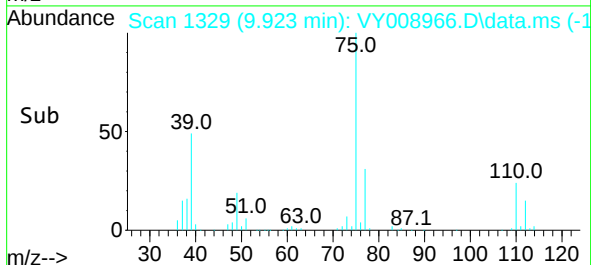
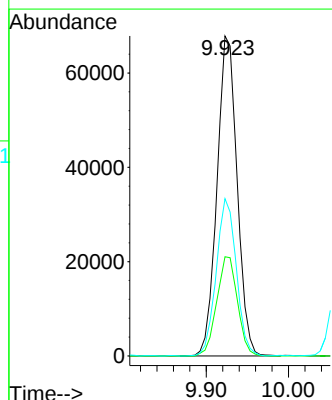
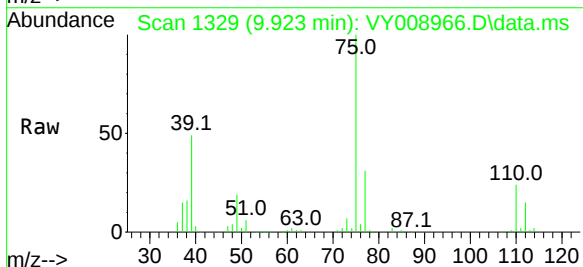
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

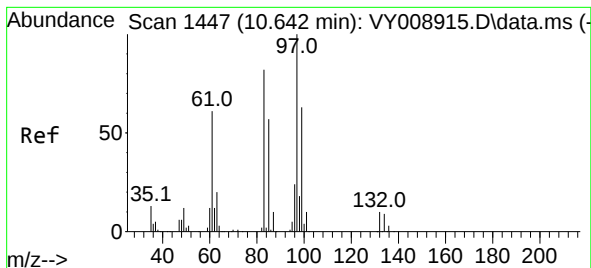
Tgt Ion: 75 Resp: 110927
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.981 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 75 Resp: 115582
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 49.2 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 53.339 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 64846

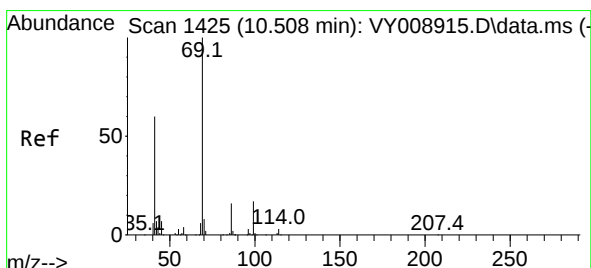
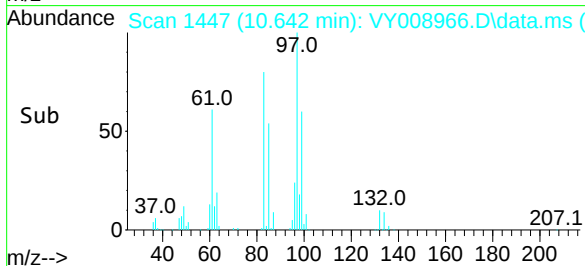
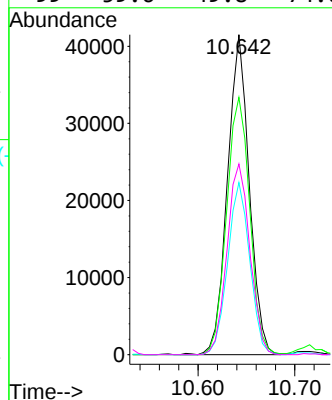
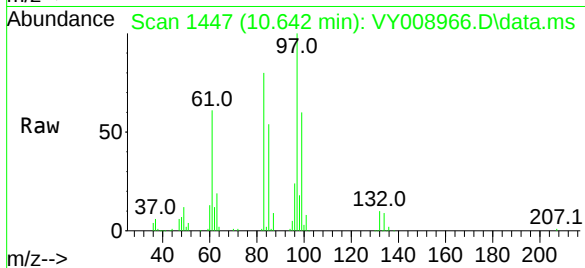
Ion Ratio Lower Upper

97 100

83 80.4 69.8 104.8

85 53.8 44.3 66.5

99 59.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 57.604 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

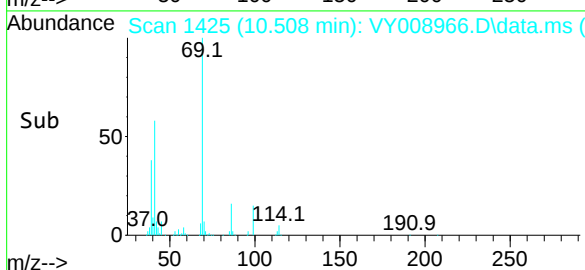
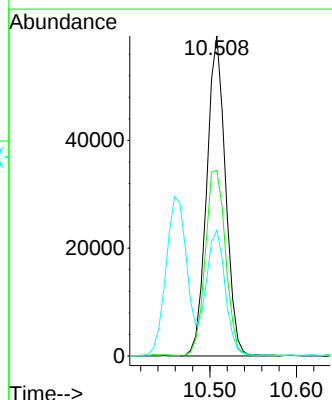
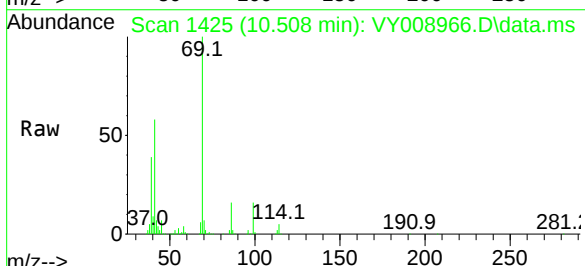
Tgt Ion: 69 Resp: 89534

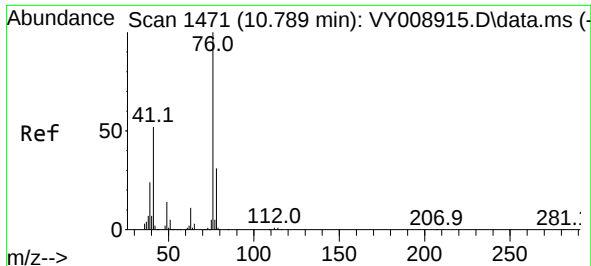
Ion Ratio Lower Upper

69 100

41 62.5 63.4 95.0#

39 40.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 55.137 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

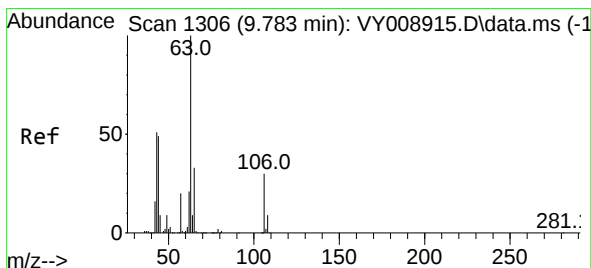
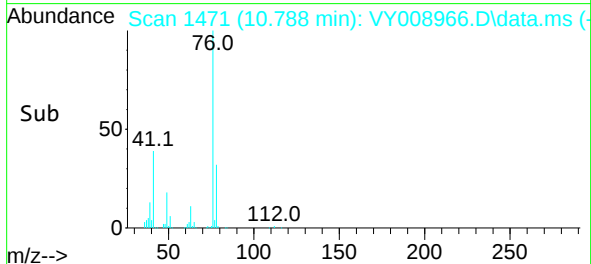
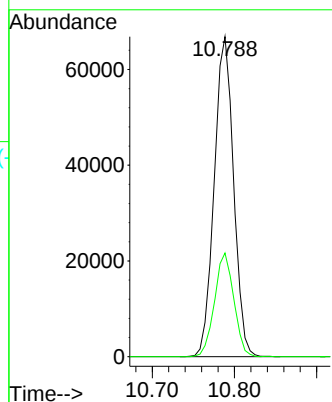
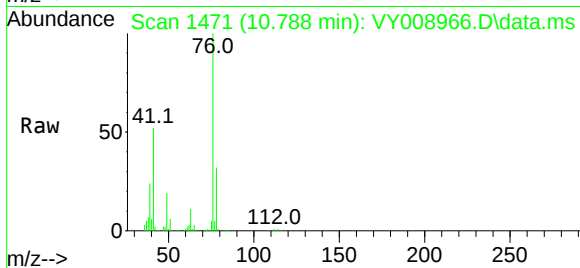
VSTDCCC050

Tgt Ion: 76 Resp: 109345

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 286.794 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY008966.D

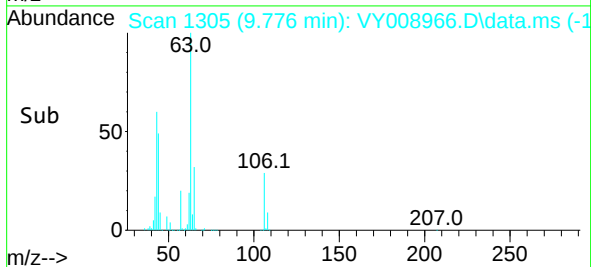
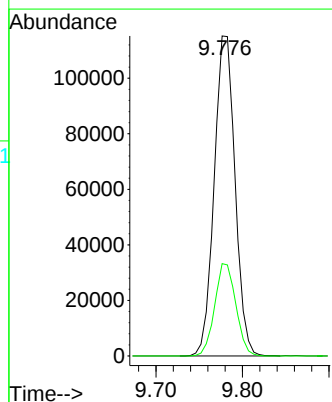
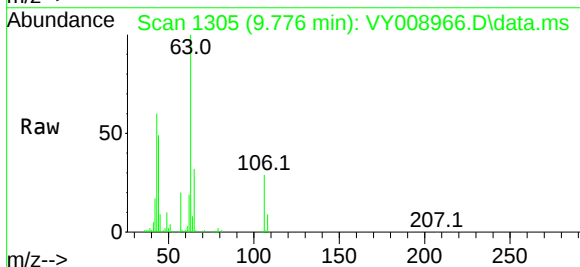
Acq: 21 May 2022 22:45

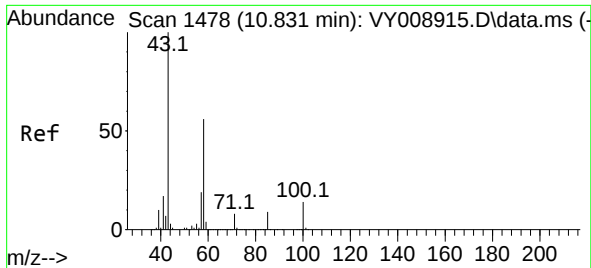
Tgt Ion: 63 Resp: 192851

Ion Ratio Lower Upper

63 100

106 29.2 21.5 32.3

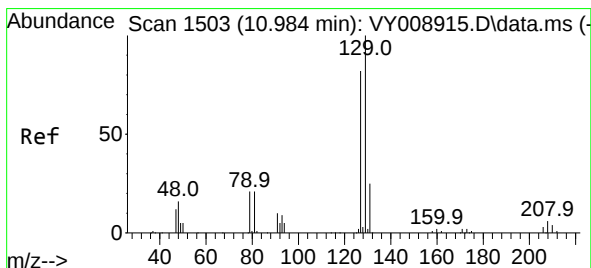
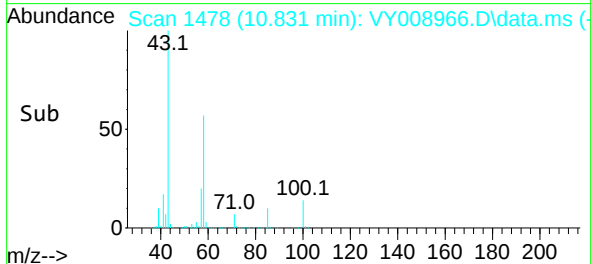
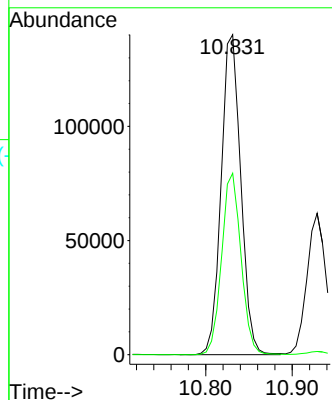
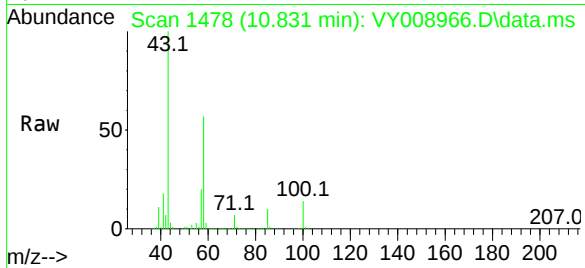




#59
2-Hexanone
Concen: 305.932 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

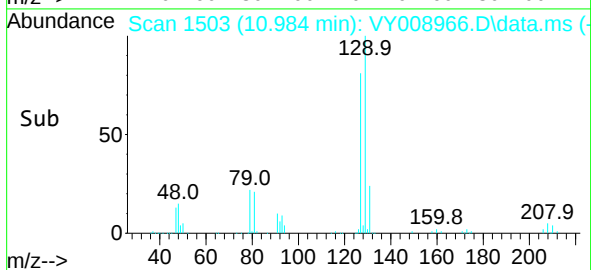
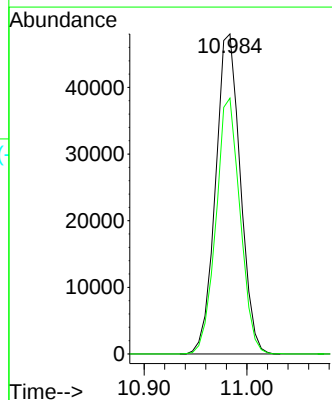
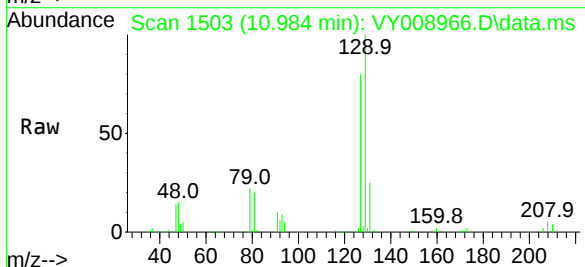
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

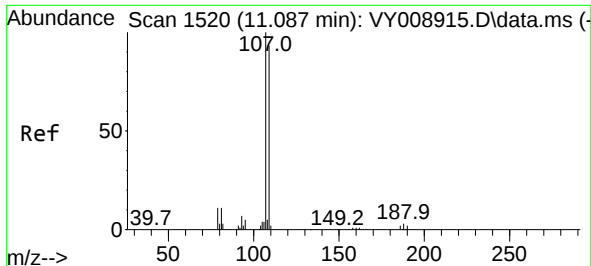
Tgt Ion: 43 Resp: 220686
Ion Ratio Lower Upper
43 100
58 56.1 24.4 73.4



#60
Dibromochloromethane
Concen: 54.520 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:129 Resp: 80347
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

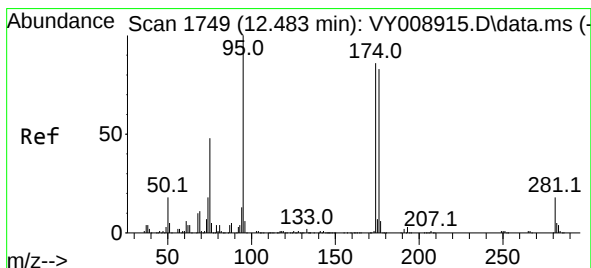
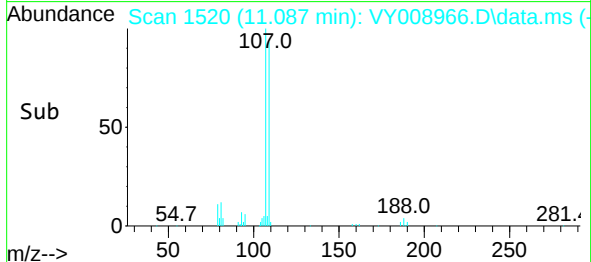
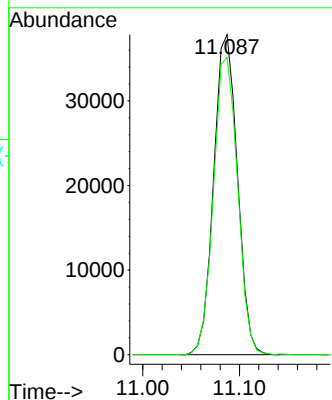
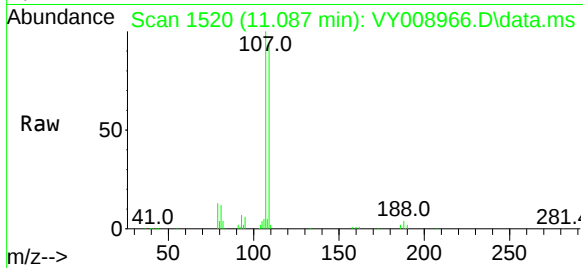




#61
1,2-Dibromoethane
Concen: 53.504 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

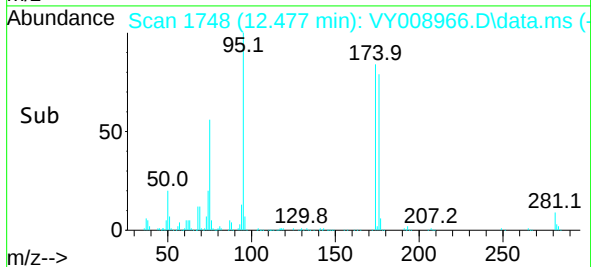
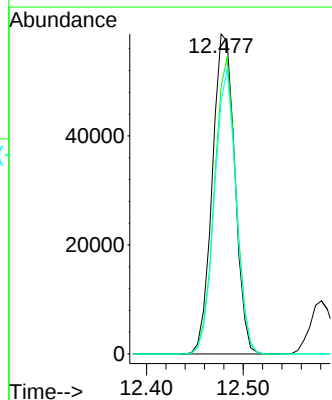
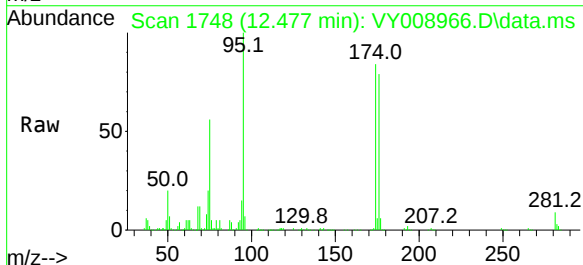
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

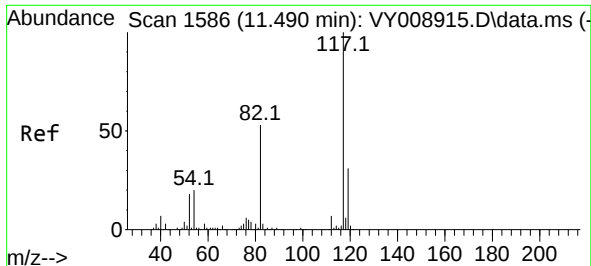
Tgt Ion:107 Resp: 64457
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.848 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 95 Resp: 94664
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 85.0 0.0 175.8

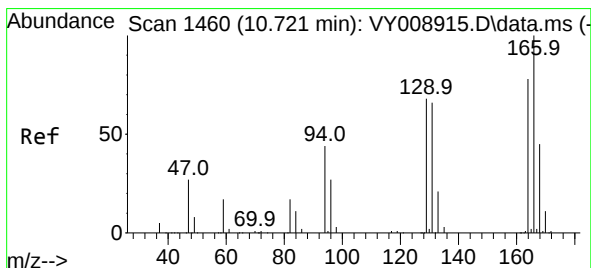
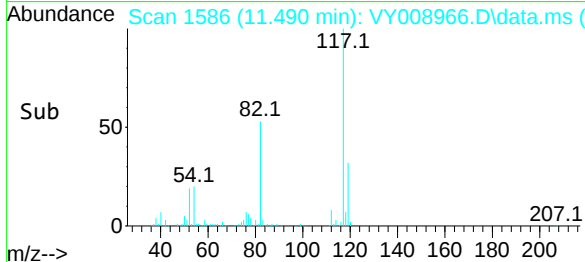
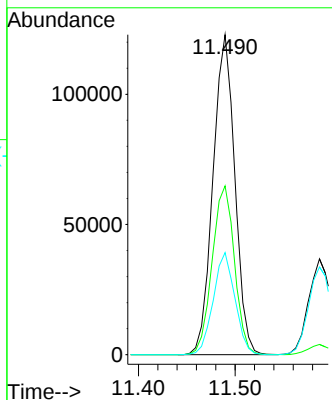
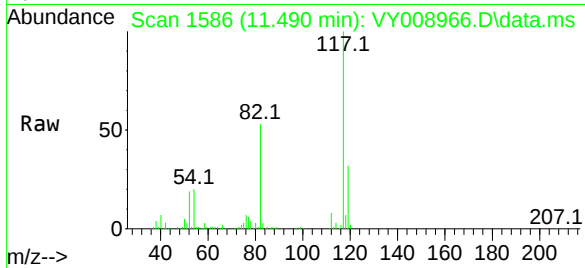




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

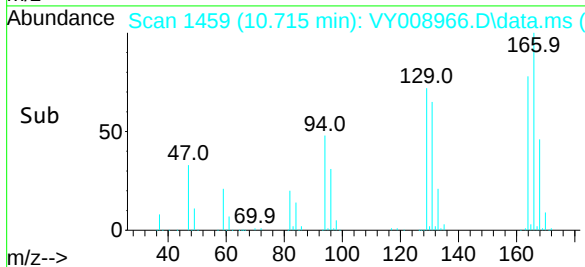
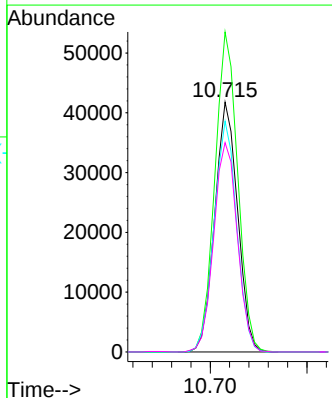
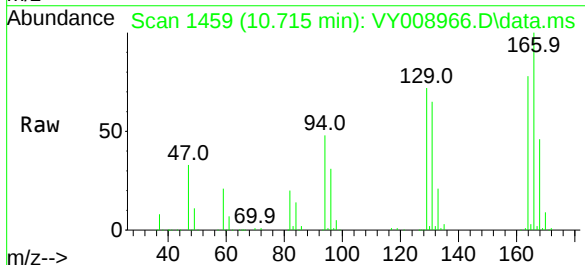
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

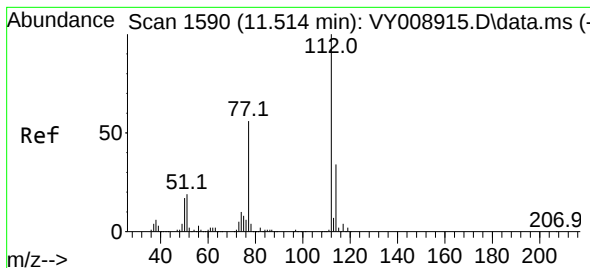
Tgt Ion:117 Resp: 192422
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 48.954 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:164 Resp: 68564
Ion Ratio Lower Upper
164 100
166 128.1 100.4 150.6
129 92.4 71.4 107.0
131 83.8 70.8 106.2

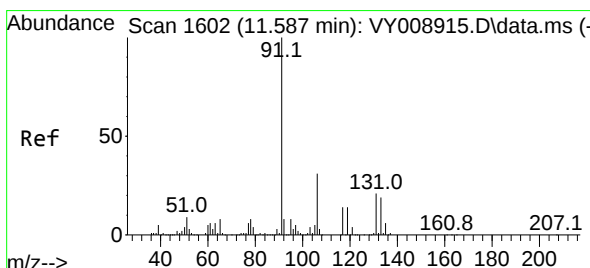
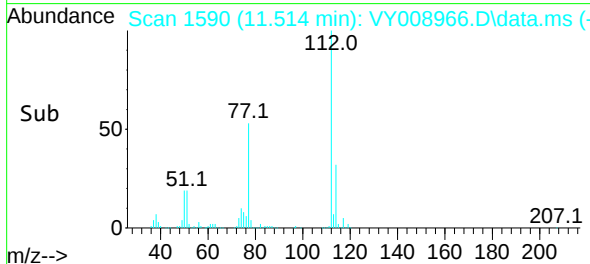
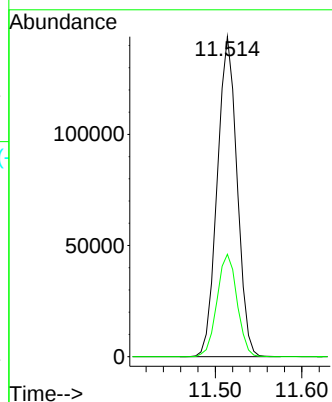
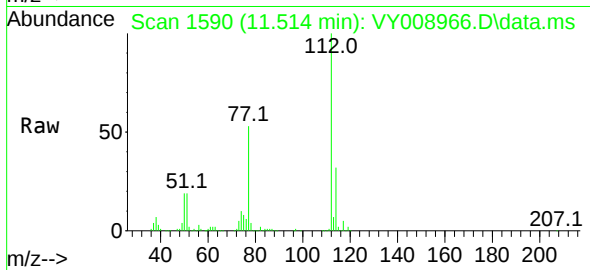




#65
Chlorobenzene
Concen: 51.743 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

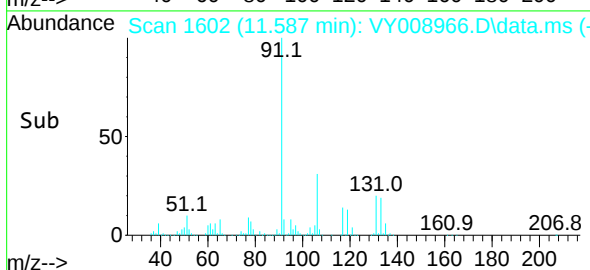
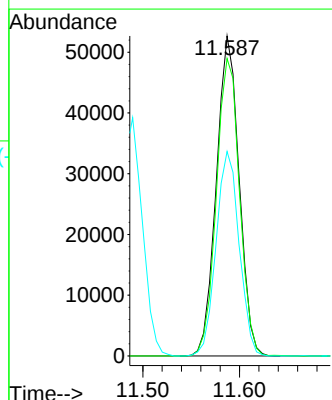
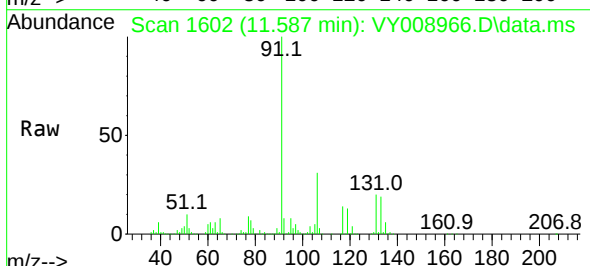
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

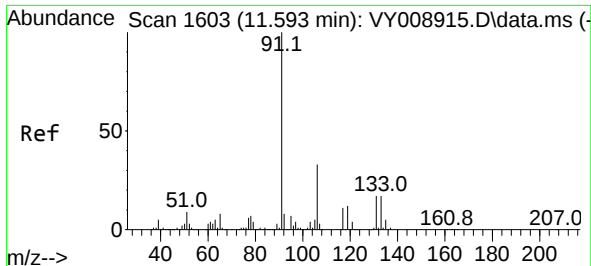
Tgt Ion:112 Resp: 228523
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.269 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:131 Resp: 86146
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 64.7 30.8 92.3





#67

Ethyl Benzene

Concen: 53.139 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

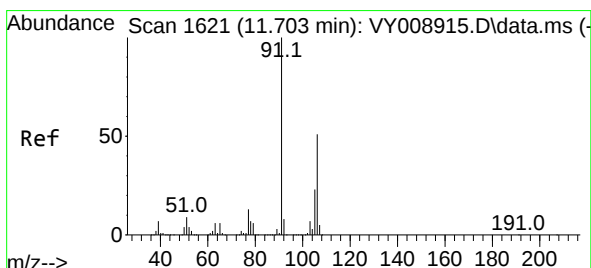
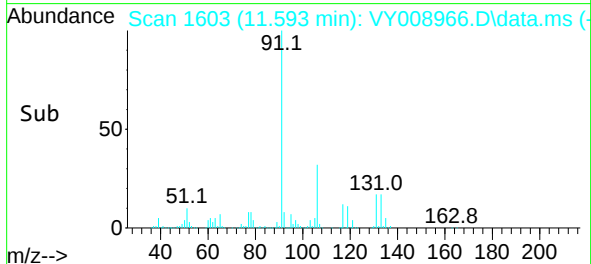
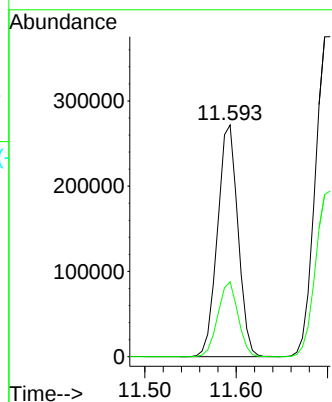
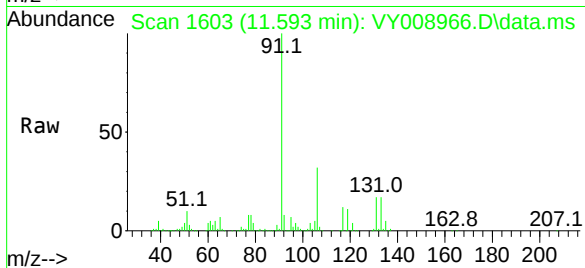
VSTDCCC050

Tgt Ion: 91 Resp: 422943

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 109.541 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008966.D

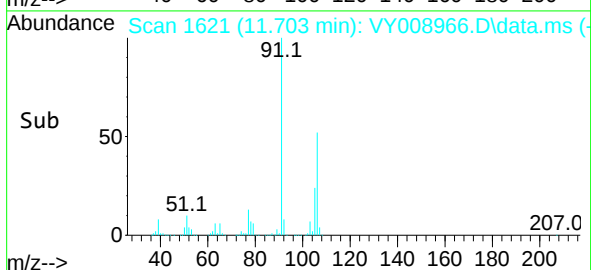
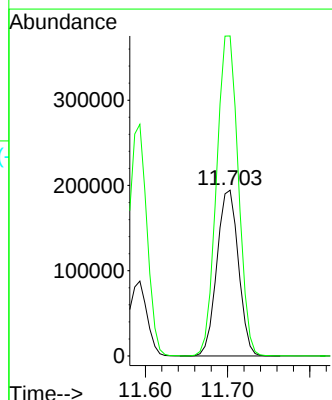
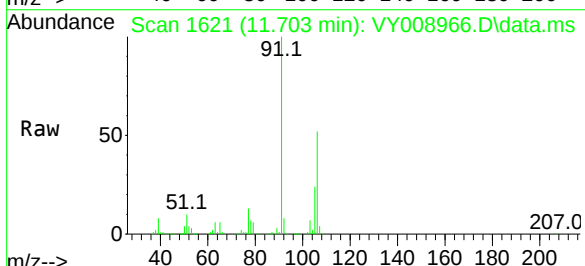
Acq: 21 May 2022 22:45

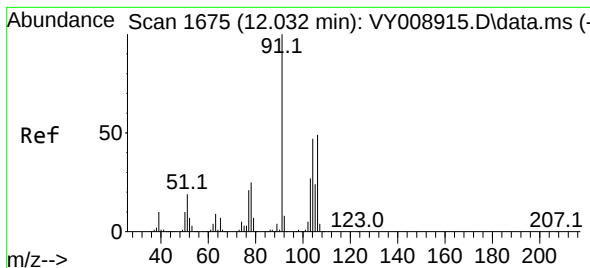
Tgt Ion:106 Resp: 353932

Ion Ratio Lower Upper

106 100

91 195.3 166.6 249.8





#69

o-Xylene

Concen: 55.783 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

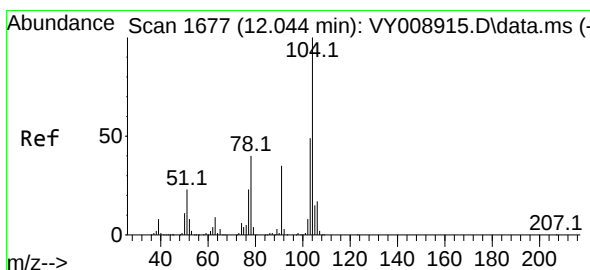
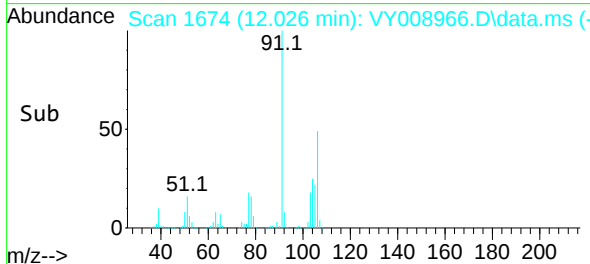
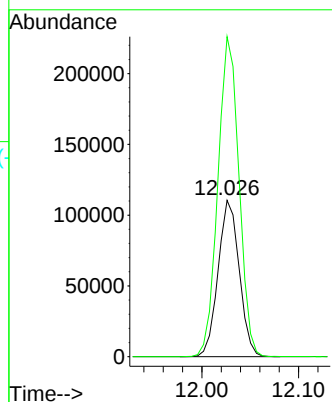
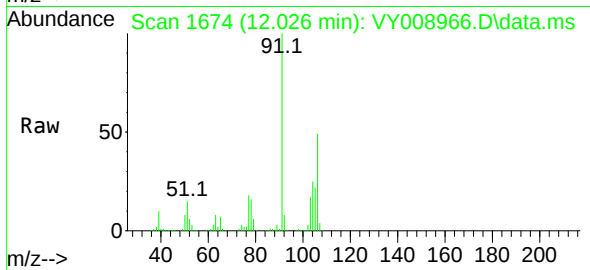
VSTDCCC050

Tgt Ion:106 Resp: 167374

Ion Ratio Lower Upper

106 100

91 204.3 110.3 331.0



#70

Styrene

Concen: 57.215 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

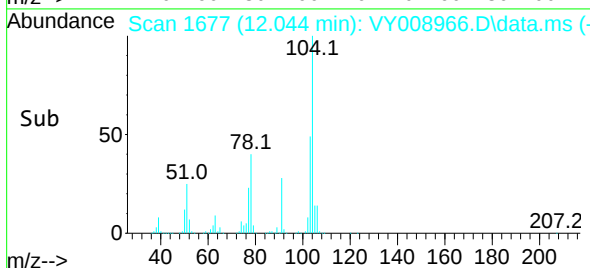
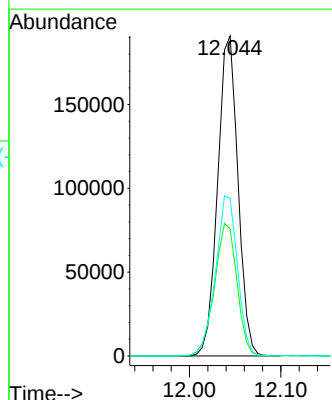
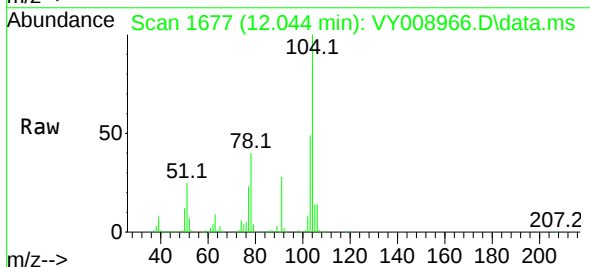
Tgt Ion:104 Resp: 295220

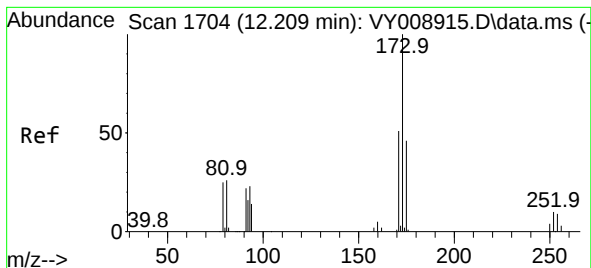
Ion Ratio Lower Upper

104 100

78 45.8 42.4 63.6

103 54.3 44.4 66.6





#71

Bromoform

Concen: 54.996 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

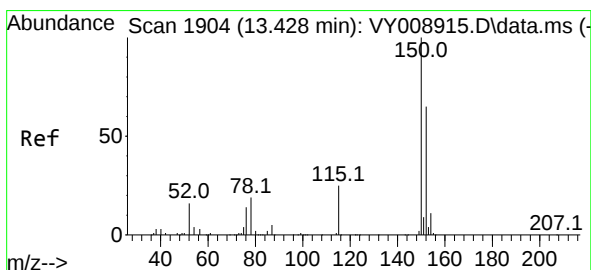
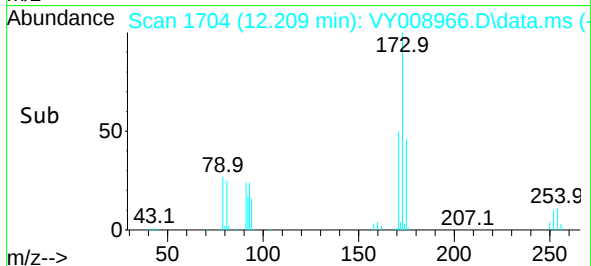
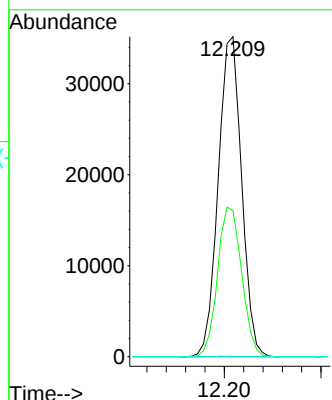
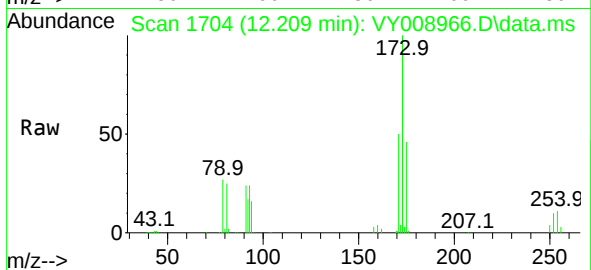
Tgt Ion:173 Resp: 58958

Ion Ratio Lower Upper

173 100

175 48.1 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. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

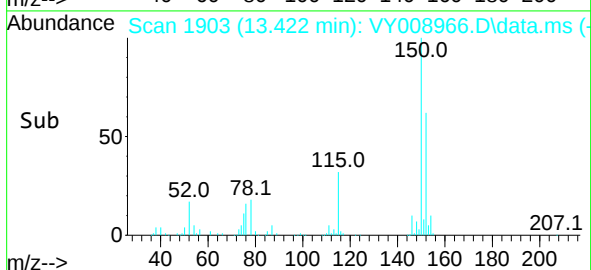
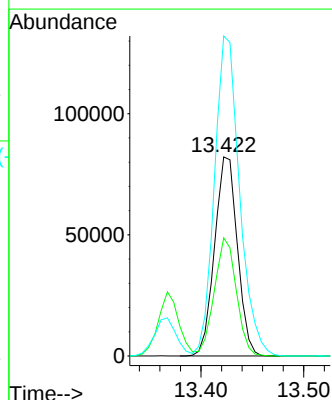
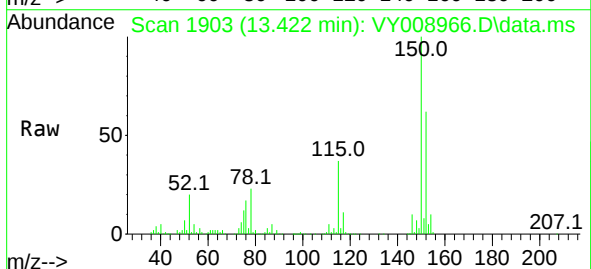
Tgt Ion:152 Resp: 126572

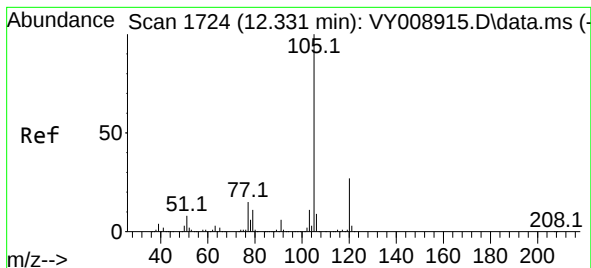
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 177.1 0.0 347.6





#73

Isopropylbenzene

Concen: 47.094 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

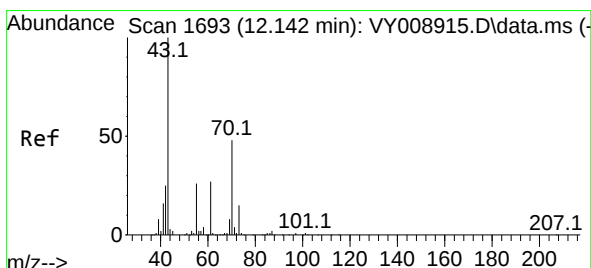
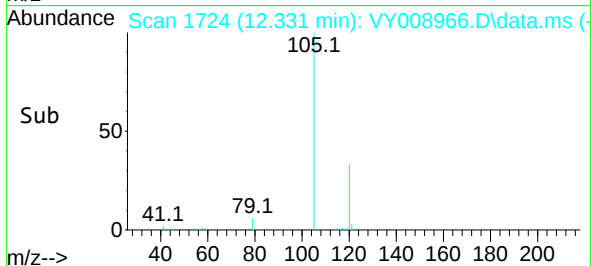
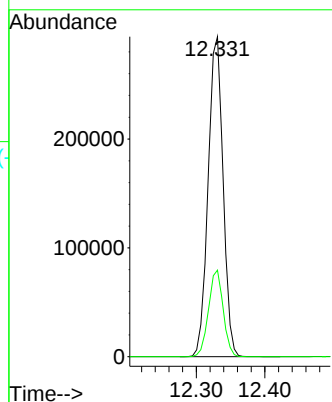
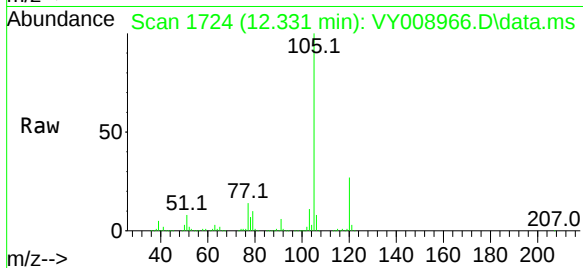
VSTDCCC050

Tgt Ion:105 Resp: 445715

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 50.552 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Tgt Ion: 43 Resp: 110388

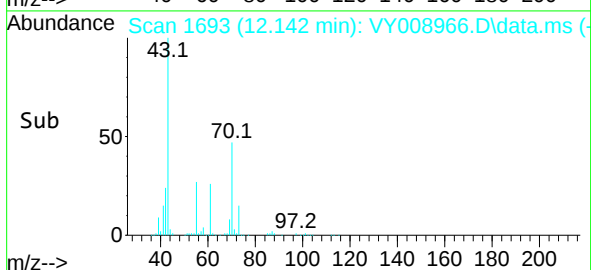
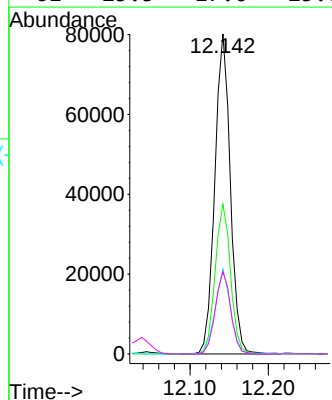
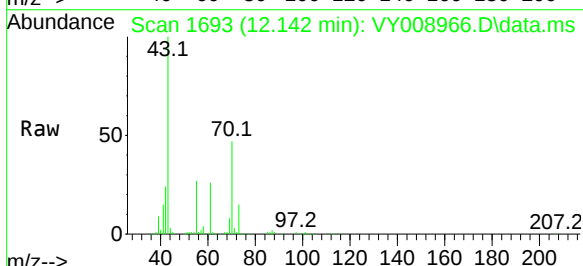
Ion Ratio Lower Upper

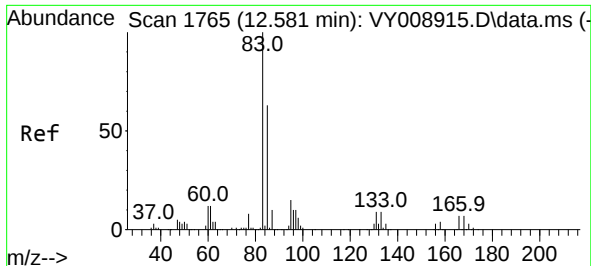
43 100

70 46.4 28.7 43.1#

55 26.0 17.3 25.9#

61 25.5 17.0 25.6

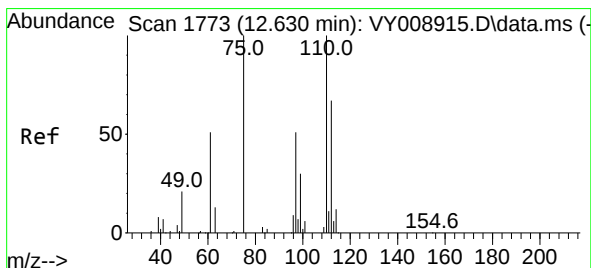
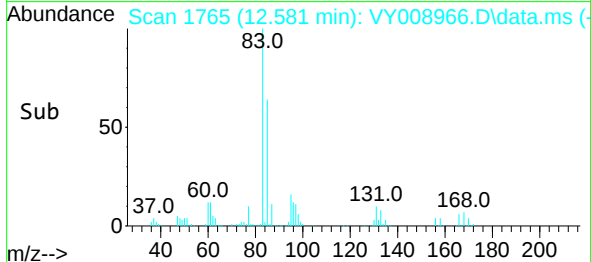
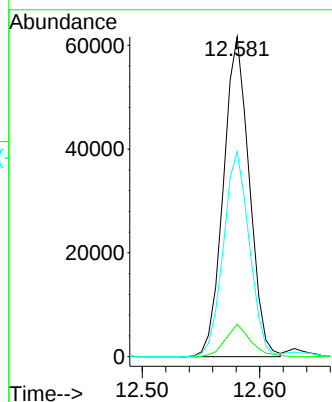
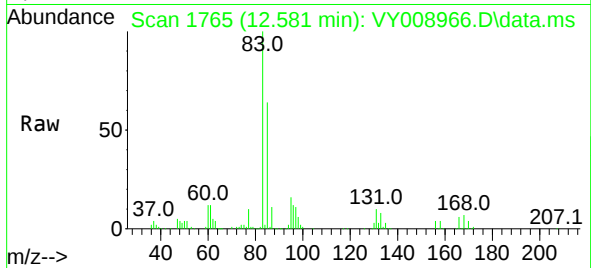




#75
1,1,2,2-Tetrachloroethane
Concen: 48.399 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

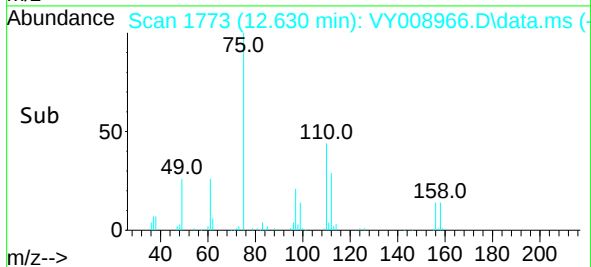
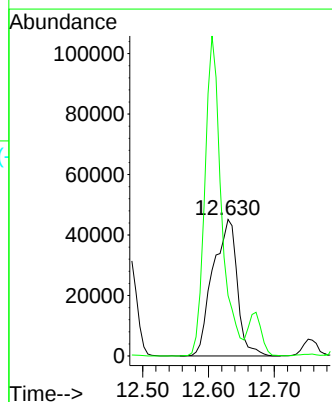
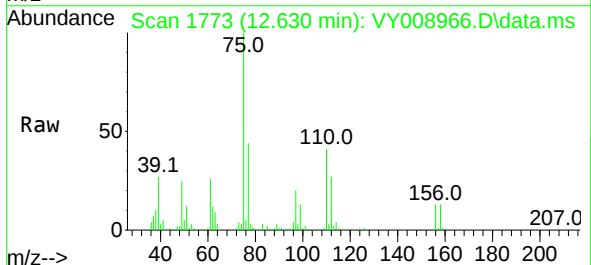
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

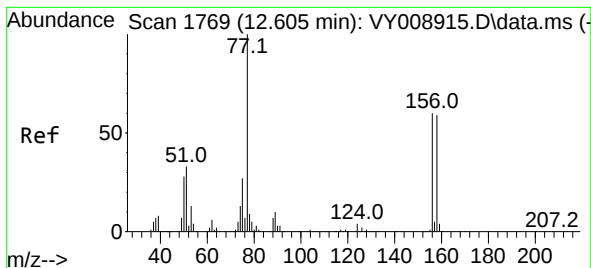
Tgt Ion: 83 Resp: 94359
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 86.075 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 75 Resp: 116996
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.638 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

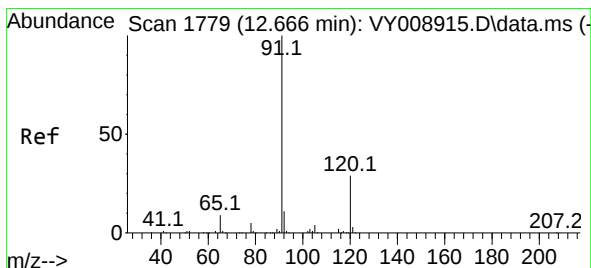
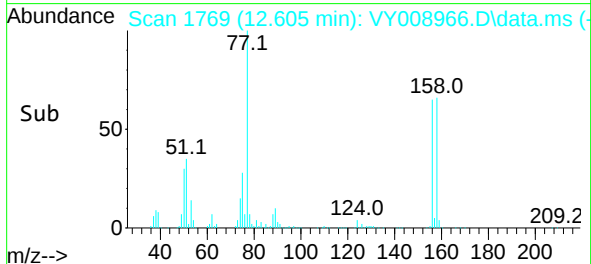
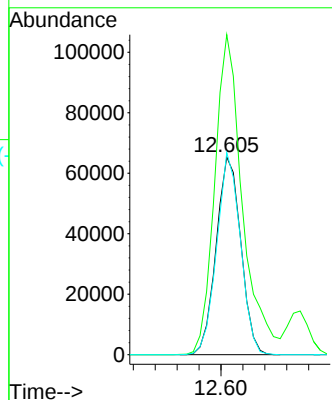
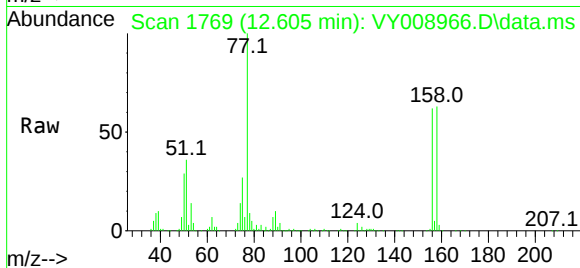
Tgt Ion:156 Resp: 102321

Ion Ratio Lower Upper

156 100

77 182.2 95.5 286.4

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 50.865 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008966.D

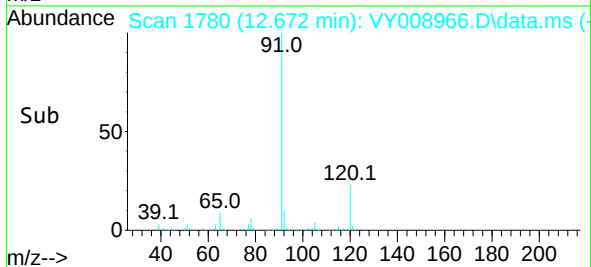
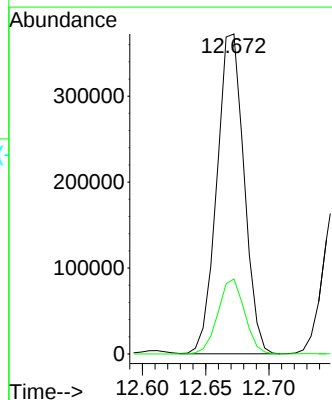
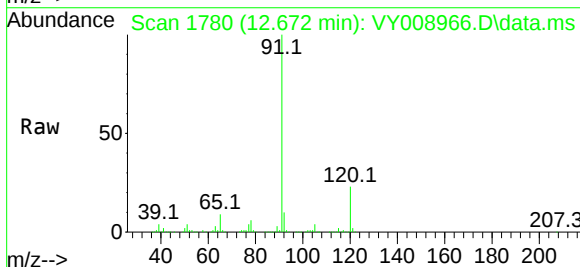
Acq: 21 May 2022 22:45

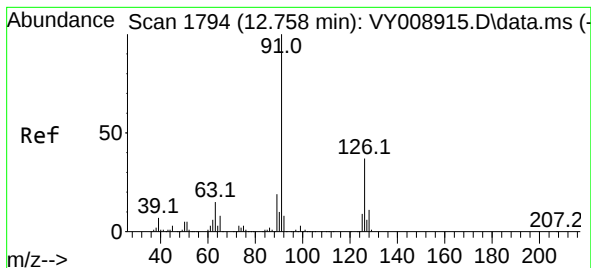
Tgt Ion: 91 Resp: 556194

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 48.694 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

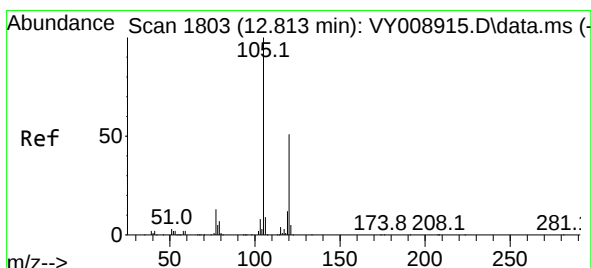
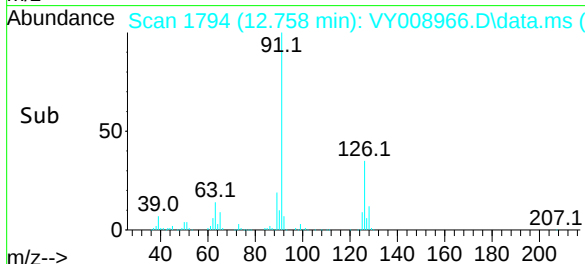
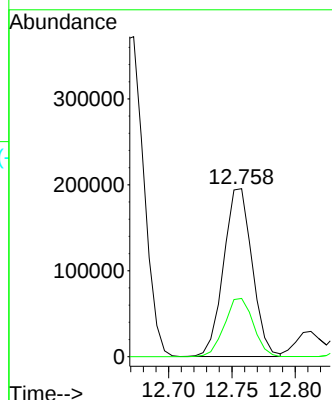
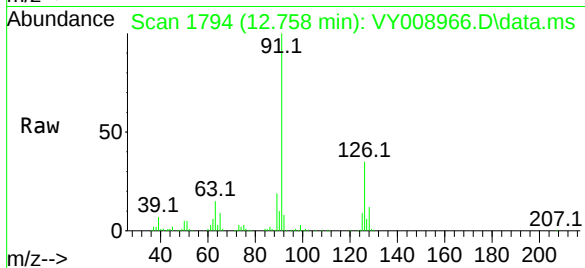
VSTDCCC050

Tgt Ion: 91 Resp: 307127

Ion Ratio Lower Upper

91 100

126 35.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.455 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY008966.D

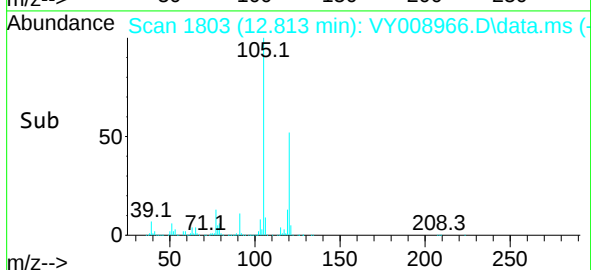
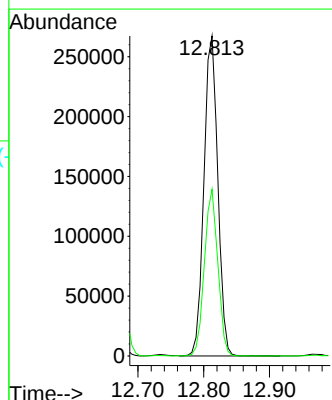
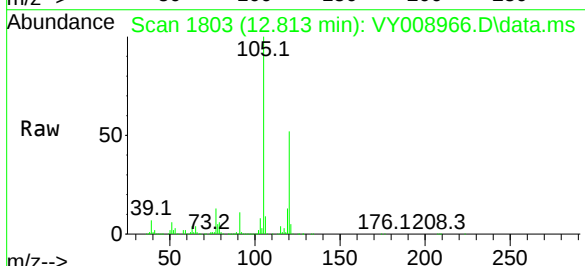
Acq: 21 May 2022 22:45

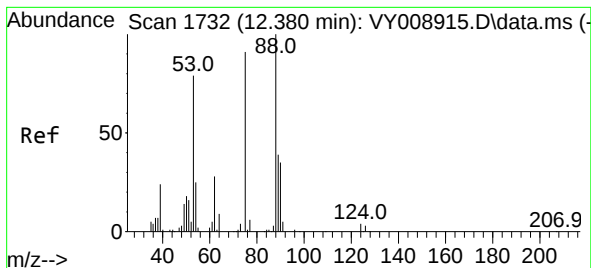
Tgt Ion: 105 Resp: 392319

Ion Ratio Lower Upper

105 100

120 50.5 24.4 73.4

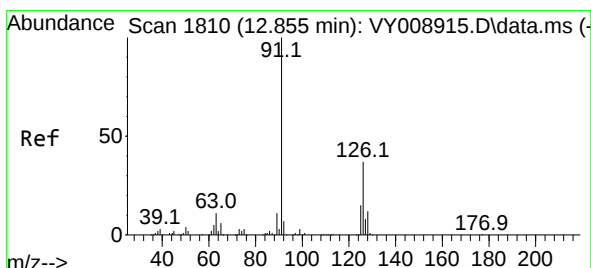
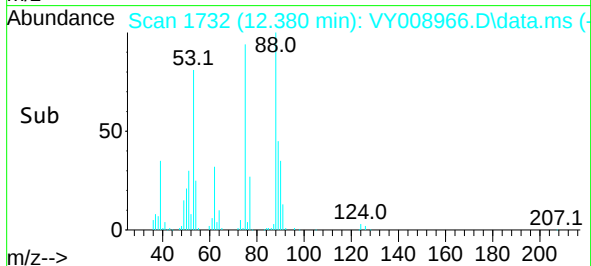
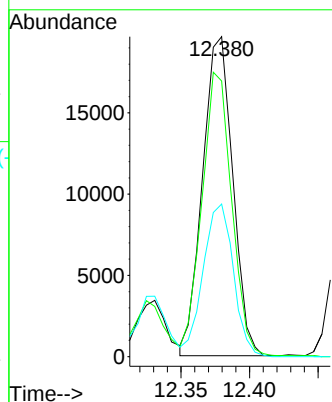
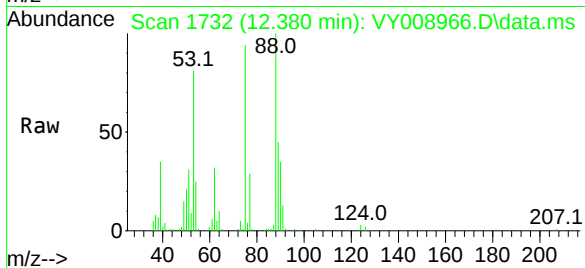




#81
trans-1,4-Dichloro-2-butene
Concen: 45.371 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

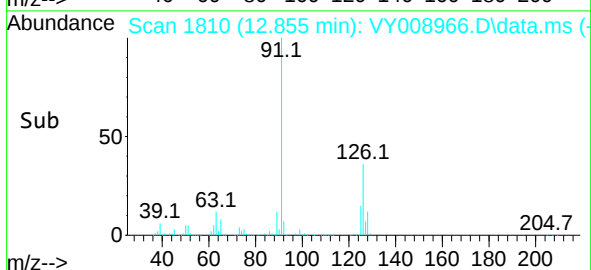
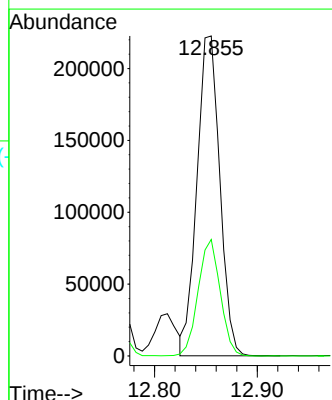
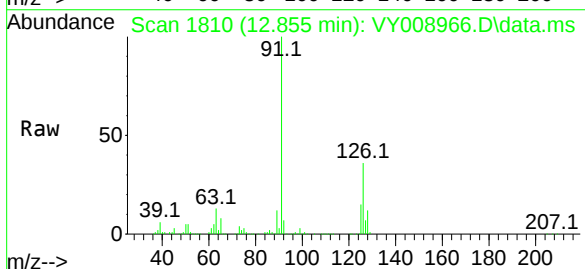
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

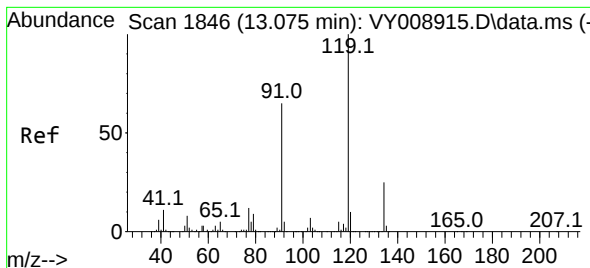
Tgt Ion: 75 Resp: 30046
Ion Ratio Lower Upper
75 100
53 88.8 85.3 127.9
89 48.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.015 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion: 91 Resp: 344157
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

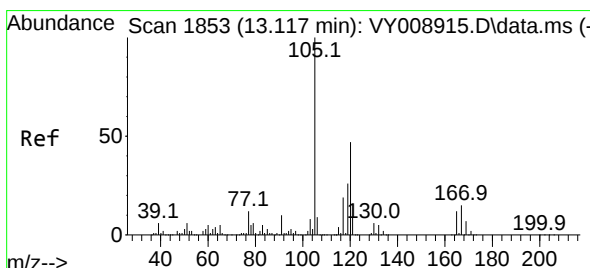
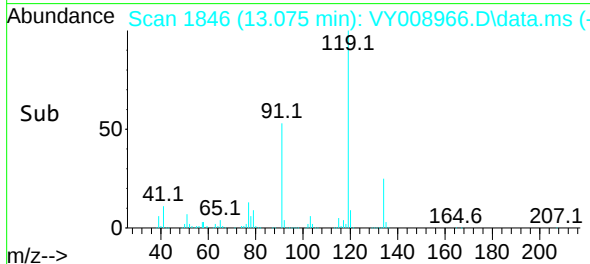
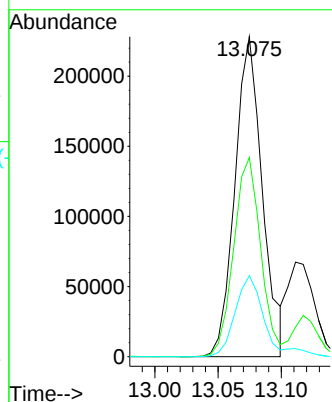
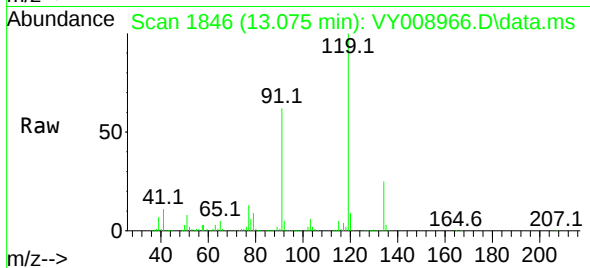




#83
tert-Butylbenzene
Concen: 49.029 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

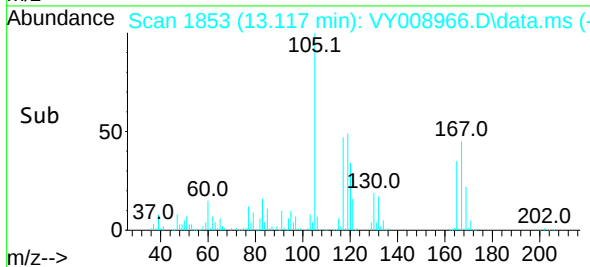
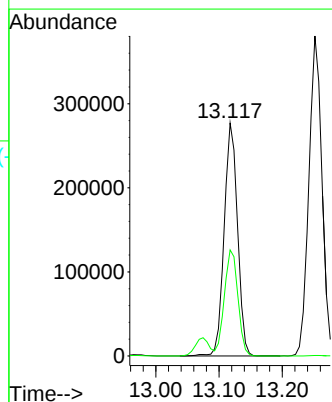
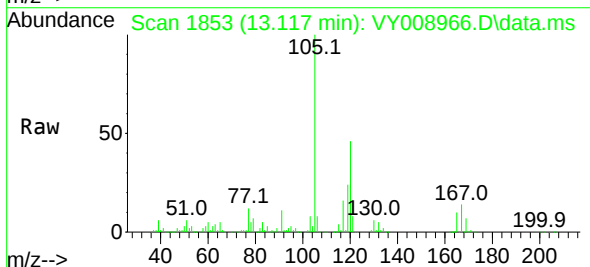
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

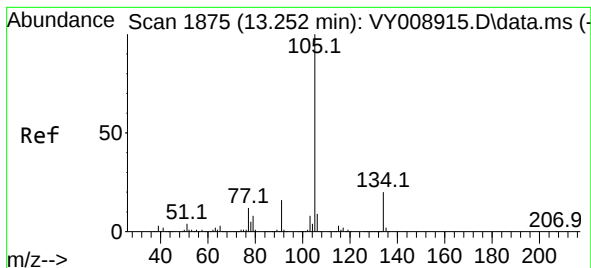
Tgt Ion:119 Resp: 345058
Ion Ratio Lower Upper
119 100
91 61.1 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.397 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008966.D
Acq: 21 May 2022 22:45

Tgt Ion:105 Resp: 404746
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.694 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

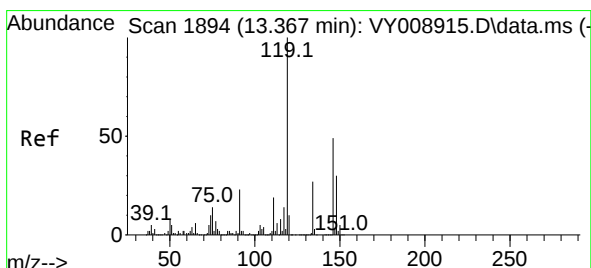
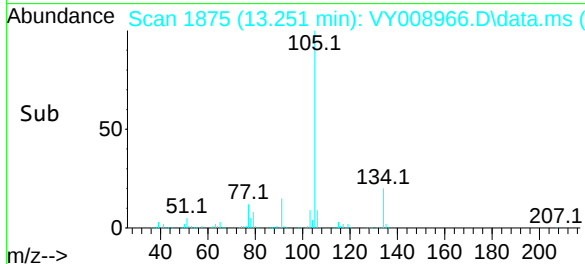
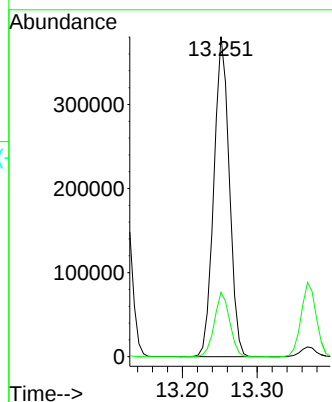
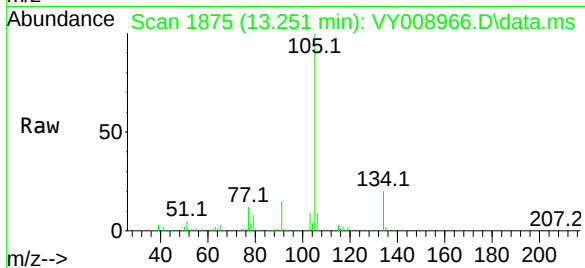
VSTDCCC050

Tgt Ion:105 Resp: 545870

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.307 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

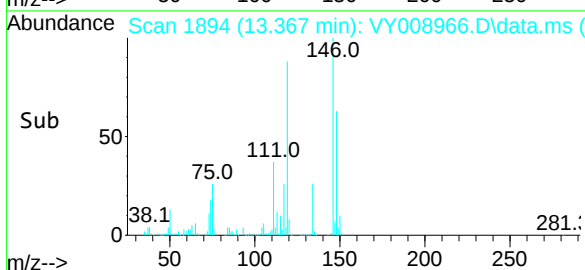
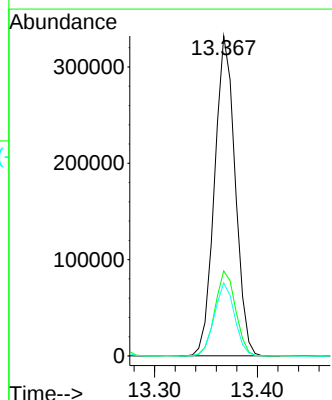
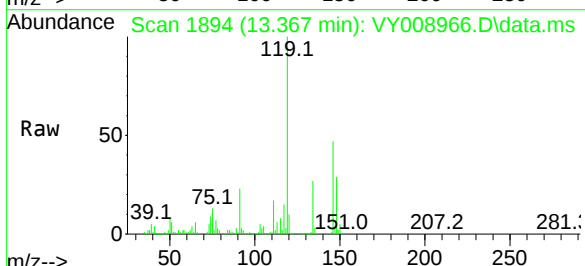
Tgt Ion:119 Resp: 460716

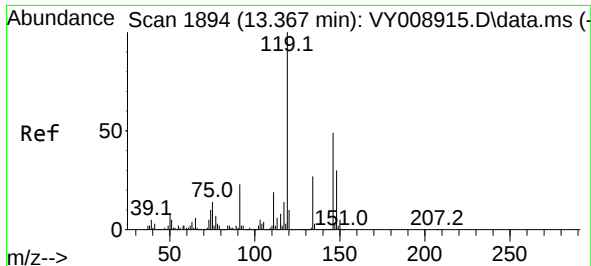
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.959 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

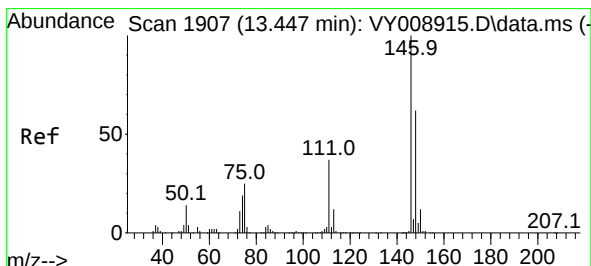
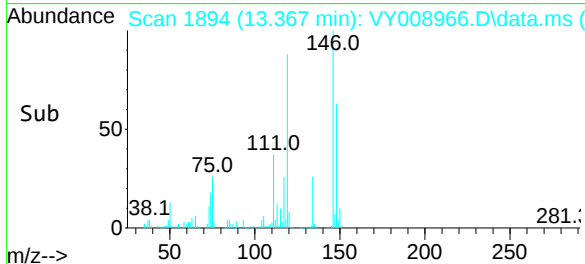
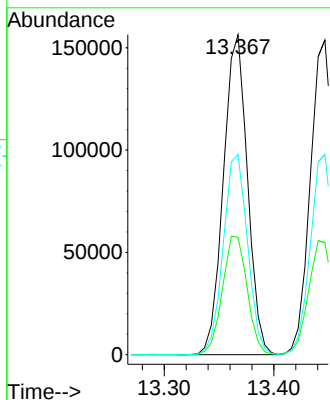
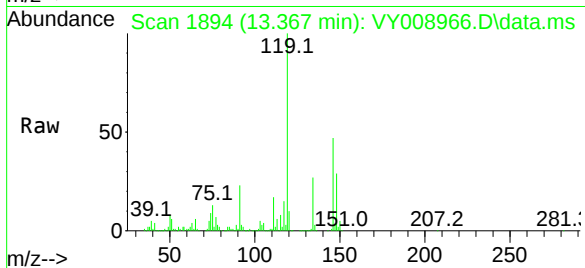
Tgt Ion:146 Resp: 238490

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.372 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

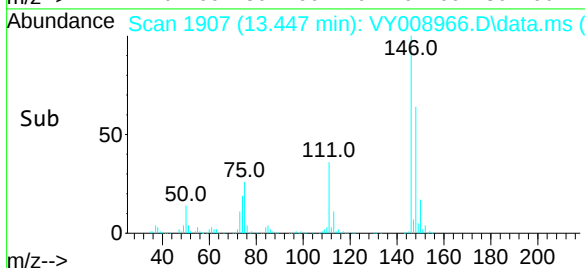
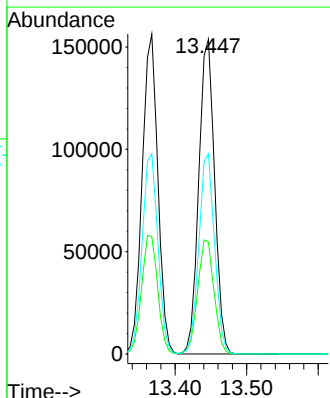
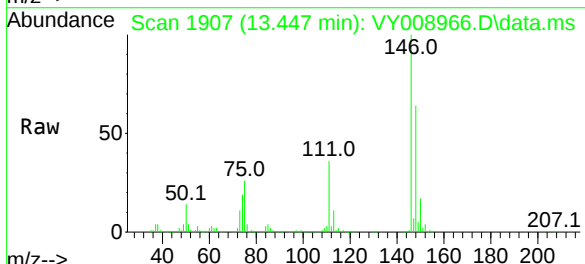
Tgt Ion:146 Resp: 236839

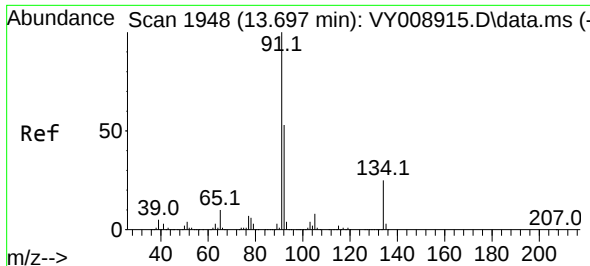
Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 50.284 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

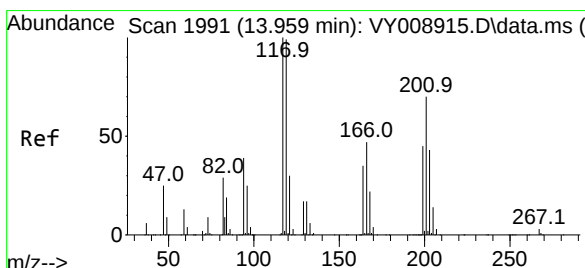
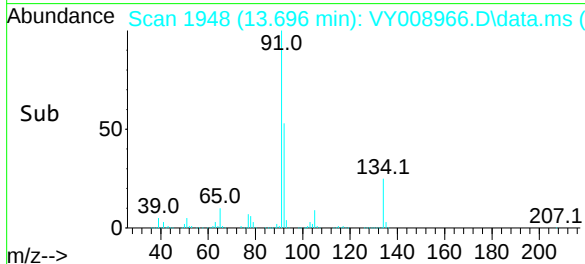
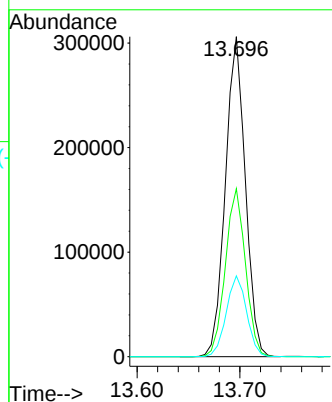
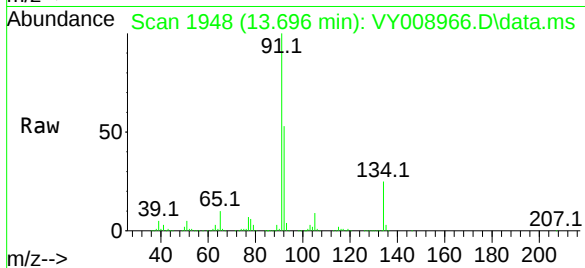
Tgt Ion: 91 Resp: 413080

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 48.832 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008966.D

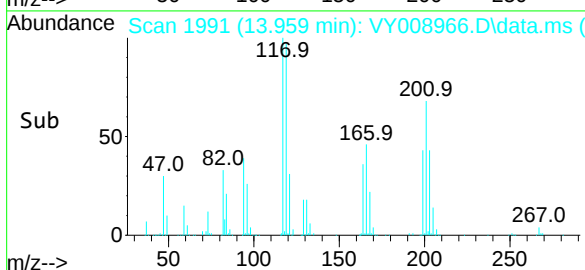
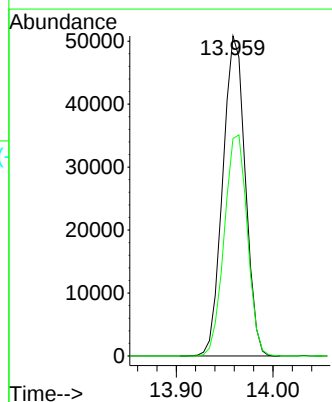
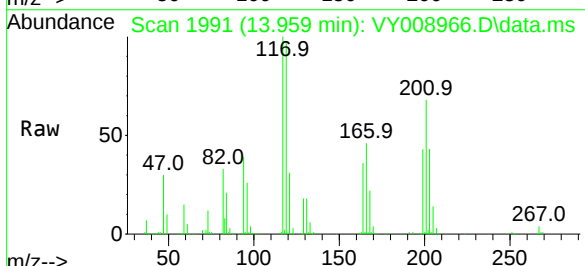
Acq: 21 May 2022 22:45

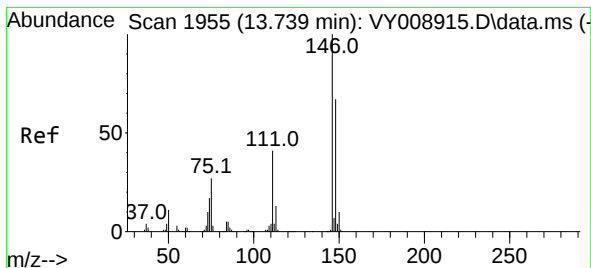
Tgt Ion: 117 Resp: 82172

Ion Ratio Lower Upper

117 100

201 70.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.560 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

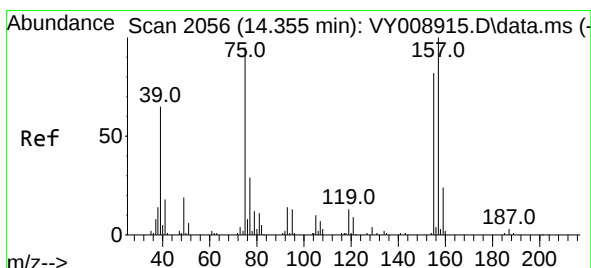
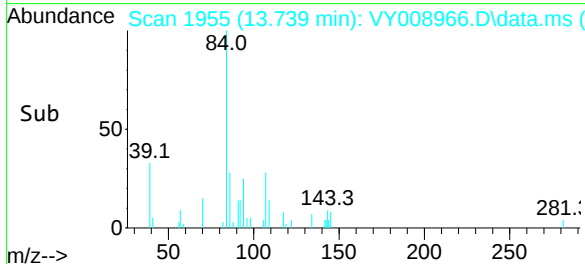
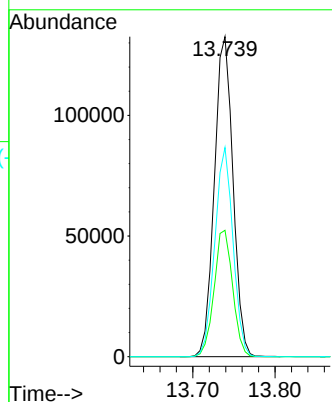
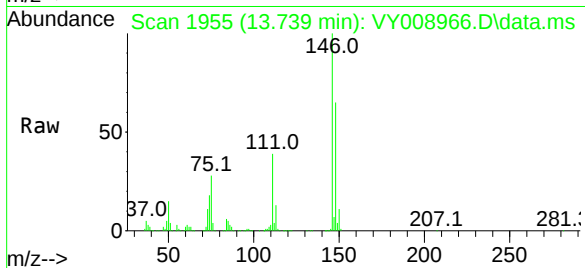
Tgt Ion:146 Resp: 208872

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.9

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.380 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

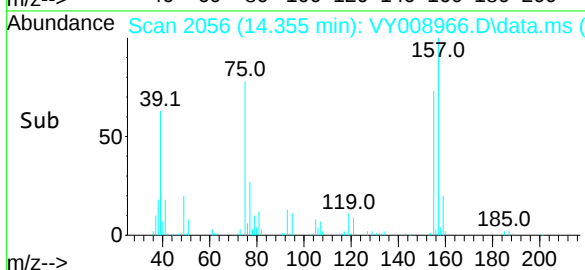
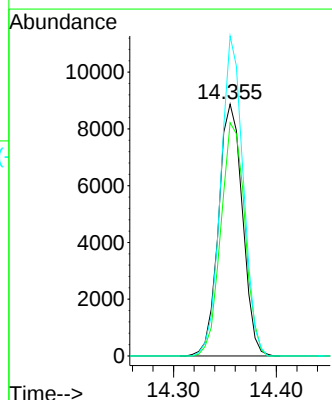
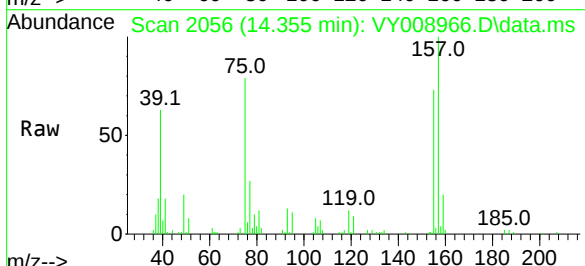
Tgt Ion: 75 Resp: 14341

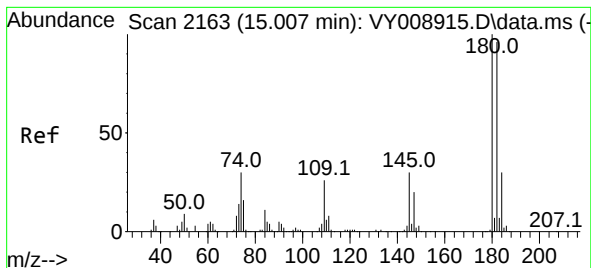
Ion Ratio Lower Upper

75 100

155 92.4 38.0 113.9

157 119.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 44.467 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

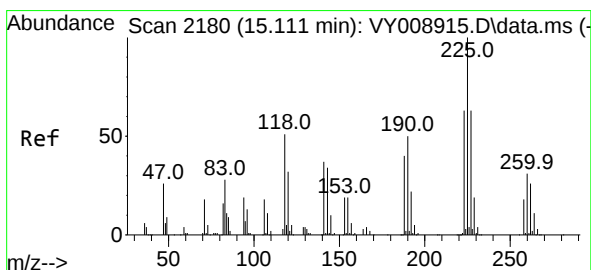
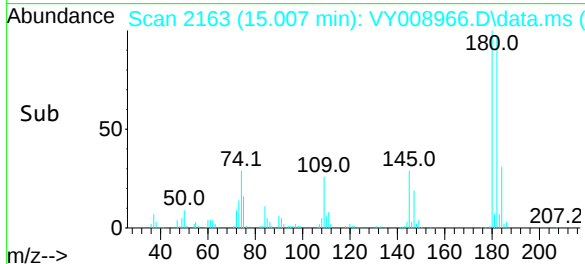
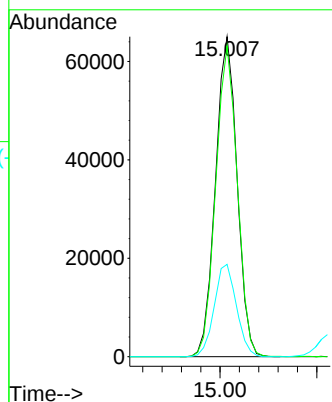
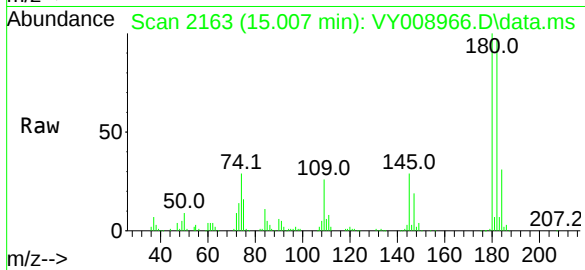
Tgt Ion:180 Resp: 100819

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.714 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

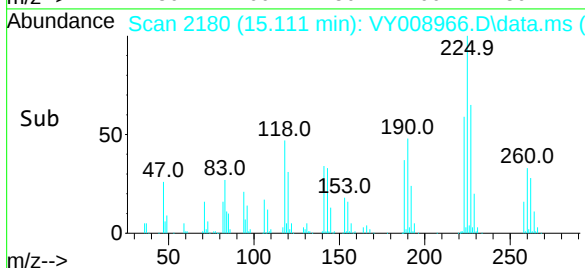
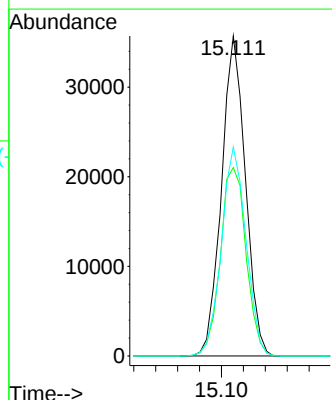
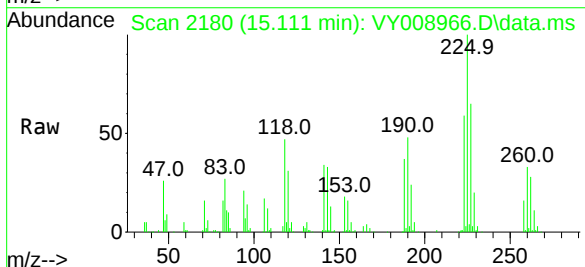
Tgt Ion:225 Resp: 54018

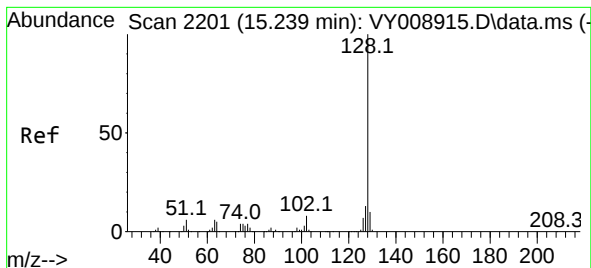
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 67.2 31.6 94.7





#95

Naphthalene

Concen: 48.860 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

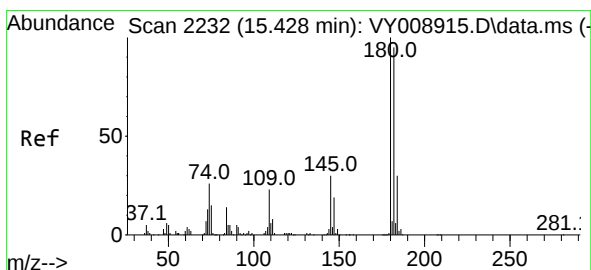
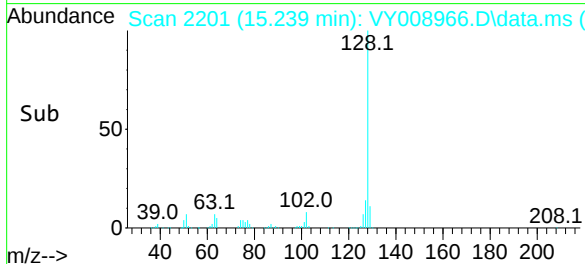
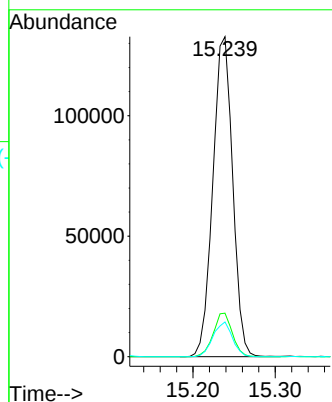
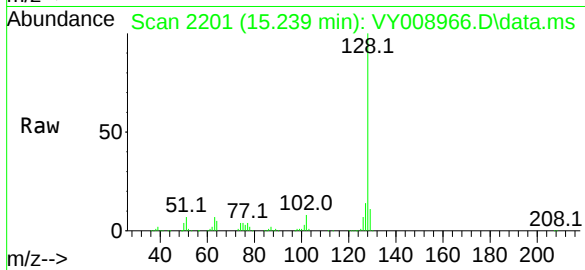
Tgt Ion:128 Resp: 222540

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.835 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008966.D

Acq: 21 May 2022 22:45

Tgt Ion:180 Resp: 92275

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 30.5 15.3 45.9

