

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008742.D
 Acq On : 13 May 2022 11:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 05:49:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99341	49.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.716	113	99773	47.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.700%
50) Toluene-d8	10.179	98	362160	45.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.483	95	133805	48.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72635	52.203	ug/l	98
3) Chloromethane	2.113	50	148186	50.025	ug/l	99
4) Vinyl Chloride	2.247	62	194756	47.265	ug/l	96
5) Bromomethane	2.650	94	179835	49.764	ug/l	96
6) Chloroethane	2.790	64	138218	48.155	ug/l	99
7) Trichlorofluoromethane	3.125	101	166438	47.613	ug/l	97
8) Diethyl Ether	3.528	74	56925	52.830	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	100915	48.764	ug/l	99
10) Methyl Iodide	4.088	142	117394	58.116	ug/l	99
11) Tert butyl alcohol	4.942	59	58611	125.177	ug/l	97
12) 1,1-Dichloroethene	3.869	96	92455	48.783	ug/l	98
13) Acrolein	3.735	56	28171	218.129	ug/l	92
14) Allyl chloride	4.479	41	138267	51.639	ug/l	96
15) Acrylonitrile	5.155	53	147253	267.287	ug/l	100
16) Acetone	3.948	43	128836	313.265	ug/l	95
17) Carbon Disulfide	4.192	76	258892	48.018	ug/l	98
18) Methyl Acetate	4.473	43	65149	54.308	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	300295	53.452	ug/l	100
20) Methylene Chloride	4.710	84	123213	55.225	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	115904	50.214	ug/l	96
22) Diisopropyl ether	6.112	45	334302	53.554	ug/l	96
23) Vinyl Acetate	6.058	43	1135378	305.106	ug/l	99
24) 1,1-Dichloroethane	6.015	63	205439	52.052	ug/l	98
25) 2-Butanone	6.984	43	201755	282.943	ug/l	98
26) 2,2-Dichloropropane	6.972	77	197986	52.777	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	142456	54.159	ug/l	98
28) Bromochloromethane	7.326	49	76076	48.303	ug/l	99
29) Tetrahydrofuran	7.344	42	124512	270.776	ug/l	99
30) Chloroform	7.502	83	223167	53.047	ug/l	100
31) Cyclohexane	7.783	56	169527	52.679	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	195889	51.462	ug/l	99
36) 1,1-Dichloropropene	7.917	75	164920	48.945	ug/l	99
37) Ethyl Acetate	7.070	43	88337	51.808	ug/l	98
38) Carbon Tetrachloride	7.899	117	175656	49.404	ug/l	98
39) Methylcyclohexane	9.185	83	201897	47.131	ug/l	98
40) Benzene	8.155	78	499484	51.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	118093	142.766	ug/l #	37
42) 1,2-Dichloroethane	8.234	62	143697	51.857	ug/l	100
43) Isopropyl Acetate	8.271	43	170910	53.185	ug/l	100
44) Trichloroethene	8.941	130	136210	52.088	ug/l	91
45) 1,2-Dichloropropane	9.216	63	124379	52.609	ug/l	97
46) Dibromomethane	9.301	93	77256	51.495	ug/l	98
47) Bromodichloromethane	9.496	83	181858	52.309	ug/l	98
48) Methyl methacrylate	9.289	41	73299	53.249	ug/l	98
49) 1,4-Dioxane	9.301	88	20533	1092.581	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	462509	268.418	ug/l	100
52) Toluene	10.246	92	338684	51.987	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	193725	54.052	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	205588	51.339	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	107131	52.084	ug/l	99
56) Ethyl methacrylate	10.508	69	144951	54.751	ug/l	99
57) 1,3-Dichloropropane	10.788	76	179498	53.193	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	359736	259.460	ug/l	98
59) 2-Hexanone	10.831	43	328032	282.499	ug/l	100
60) Dibromochloromethane	10.984	129	131878	53.588	ug/l	100
61) 1,2-Dibromoethane	11.087	107	105304	53.222	ug/l	97
64) Tetrachloroethene	10.721	164	120759	48.947	ug/l	97
65) Chlorobenzene	11.514	112	368574	52.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	140002	53.959	ug/l	99
67) Ethyl Benzene	11.593	91	668164	53.260	ug/l	99
68) m/p-Xylenes	11.703	106	543499	108.646	ug/l	99
69) o-Xylene	12.032	106	257562	54.754	ug/l	100
70) Styrene	12.044	104	441080	56.324	ug/l	99
71) Bromoform	12.209	173	83405	54.619	ug/l #	99
73) Isopropylbenzene	12.331	105	675033	51.008	ug/l	100
74) N-amyl acetate	12.142	43	164612	53.804	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	135845	49.971	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	172339	97.897	ug/l #	100
77) Bromobenzene	12.611	156	149003	49.726	ug/l	99
78) n-propylbenzene	12.672	91	814640	50.823	ug/l	100
79) 2-Chlorotoluene	12.758	91	446131	51.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	563566	52.225	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48110	52.797	ug/l	98
82) 4-Chlorotoluene	12.855	91	469503	51.672	ug/l	100
83) tert-Butylbenzene	13.075	119	489732	51.081	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	571985	53.329	ug/l	100
85) sec-Butylbenzene	13.251	105	759007	52.174	ug/l	100
86) p-Isopropyltoluene	13.373	119	639409	52.660	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	323497	51.967	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	316110	51.740	ug/l	100
89) n-Butylbenzene	13.696	91	580984	51.160	ug/l	99
90) Hexachloroethane	13.965	117	115329	51.485	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	279634	51.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20256	50.190	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	145525	48.602	ug/l	98
94) Hexachlorobutadiene	15.111	225	73621	46.703	ug/l	97
95) Naphthalene	15.239	128	321856	50.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	126660	47.778	ug/l	97

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ClientSampleId :
VSTDCCC050

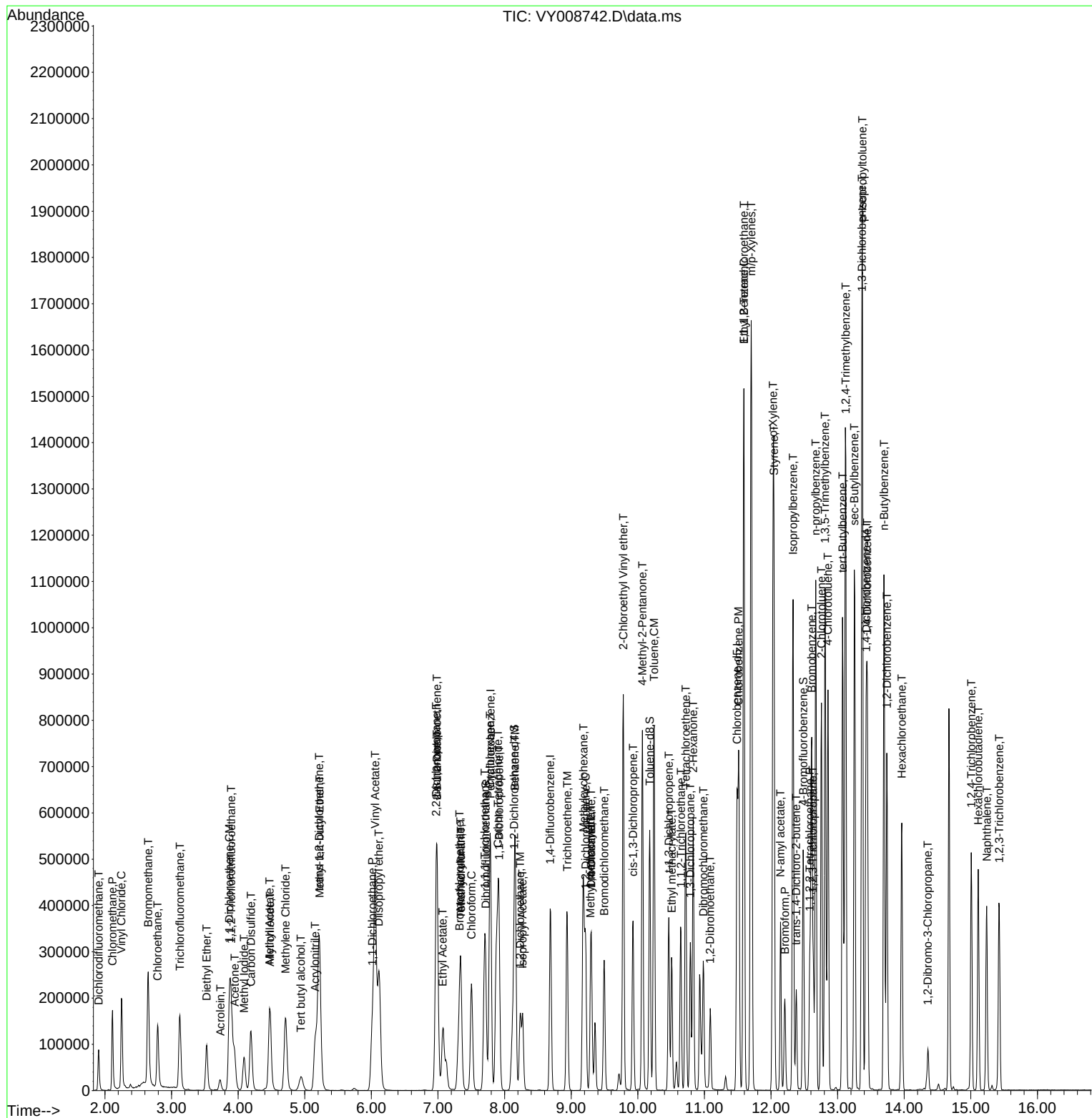
Quant Time: May 16 05:49:40 2022
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Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
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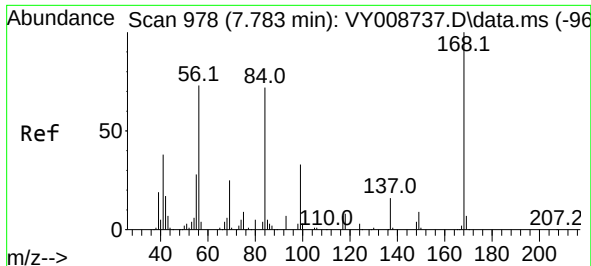
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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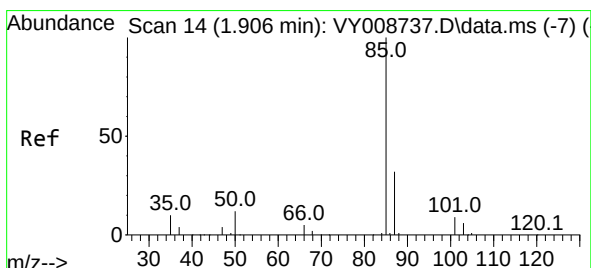
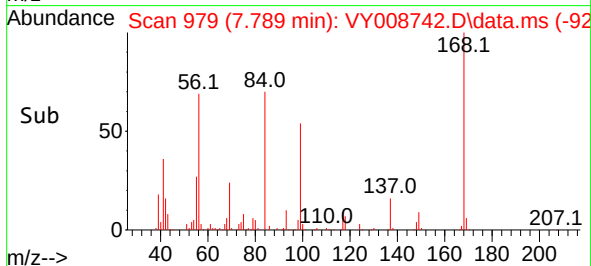
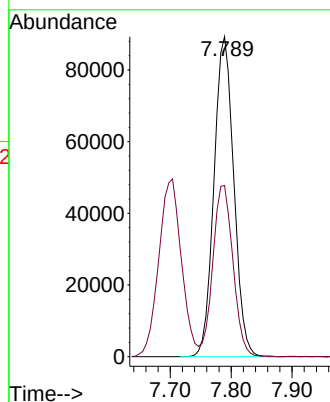
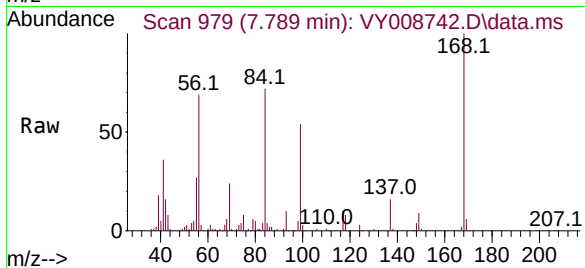




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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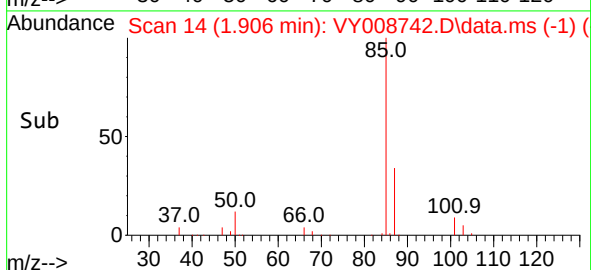
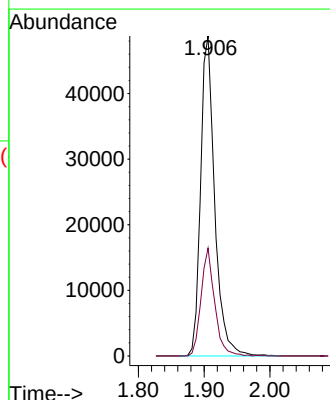
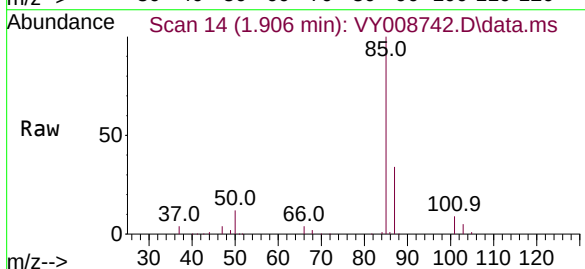
Instrument :
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ClientSampleId :
VSTDCCC050

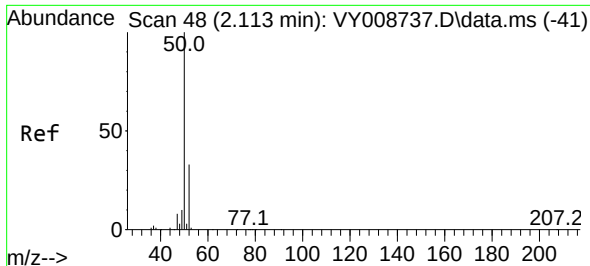
Tgt Ion:168 Resp: 201856
Ion Ratio Lower Upper
168 100
99 53.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 52.203 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 85 Resp: 72635
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6

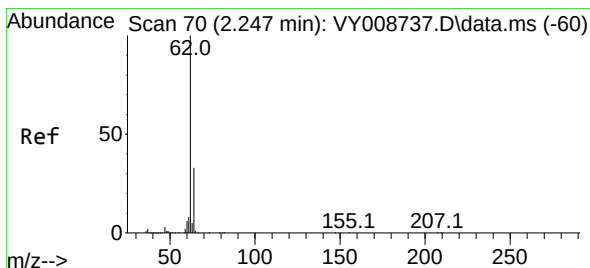
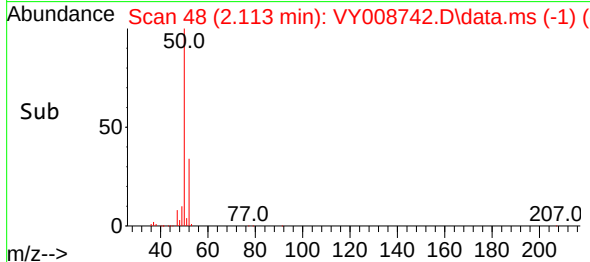
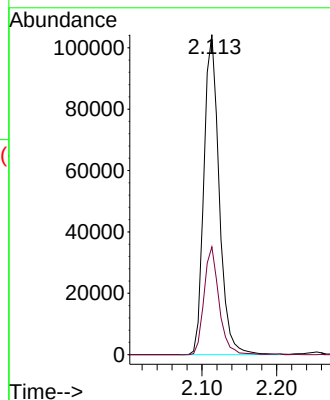
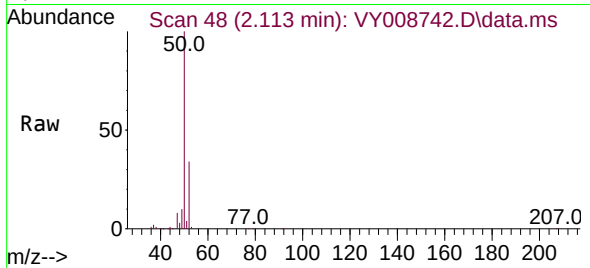




#3
Chloromethane
Concen: 50.025 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

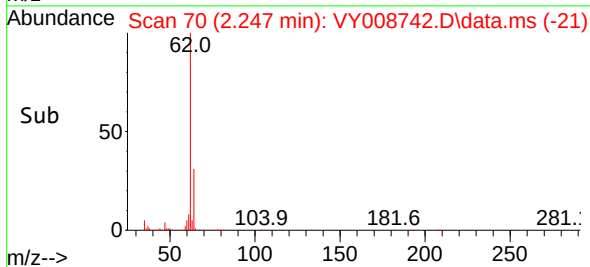
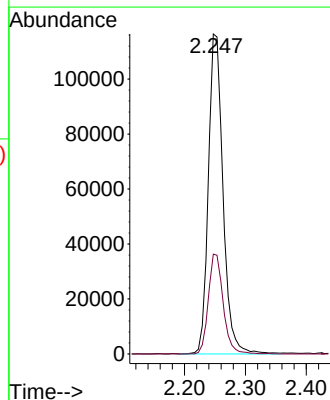
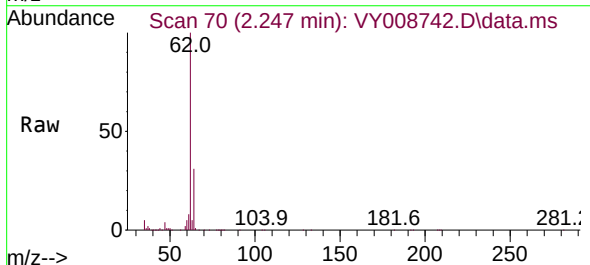
Instrument :
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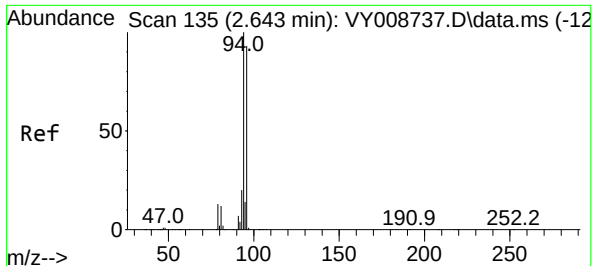
Tgt Ion: 50 Resp: 148186
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 47.265 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 62 Resp: 194756
Ion Ratio Lower Upper
62 100
64 31.2 26.7 40.1

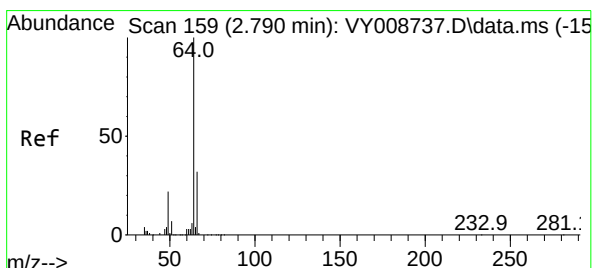
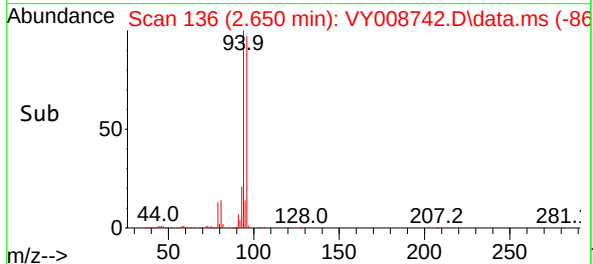
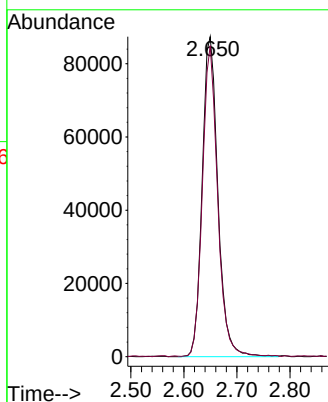
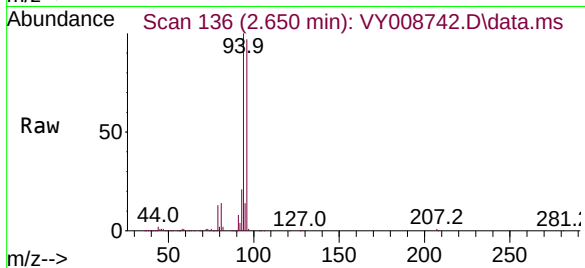




#5
Bromomethane
Concen: 49.764 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

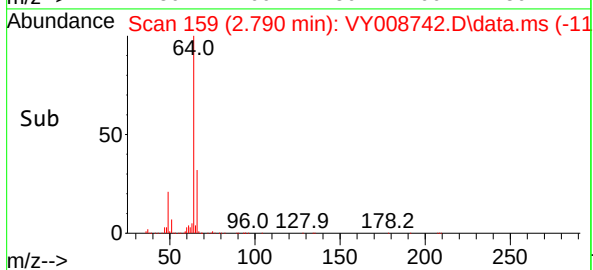
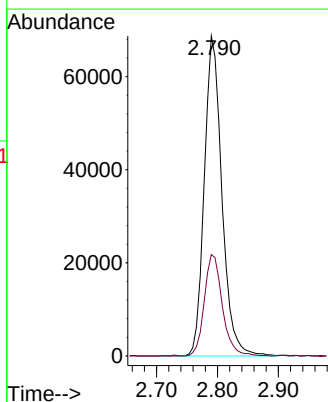
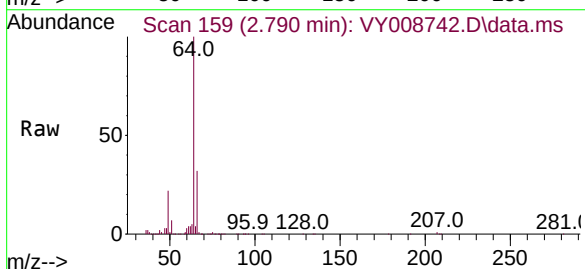
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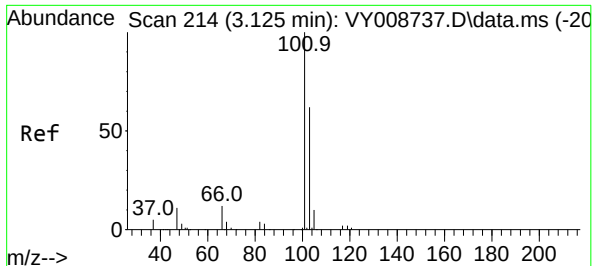
Tgt Ion: 94 Resp: 179835
Ion Ratio Lower Upper
94 100
96 97.0 74.2 111.4



#6
Chloroethane
Concen: 48.155 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 64 Resp: 138218
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.6

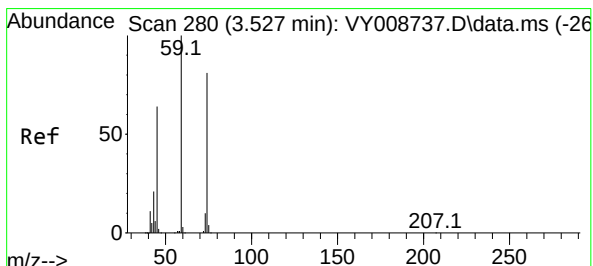
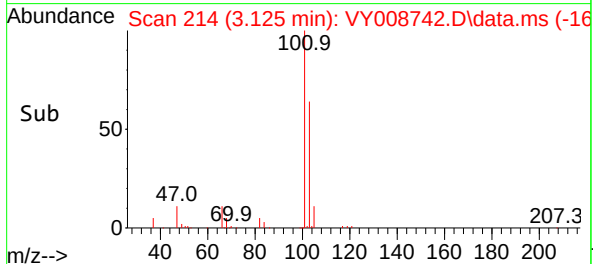
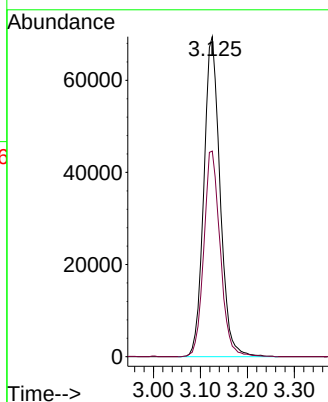
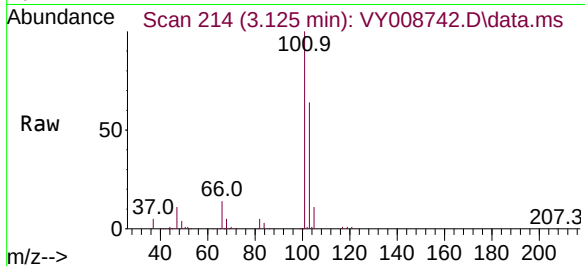




#7
 Trichlorofluoromethane
 Concen: 47.613 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

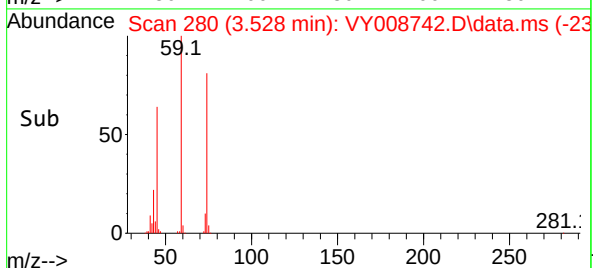
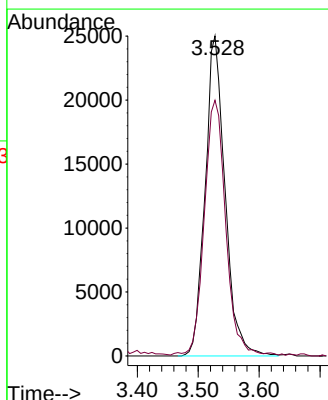
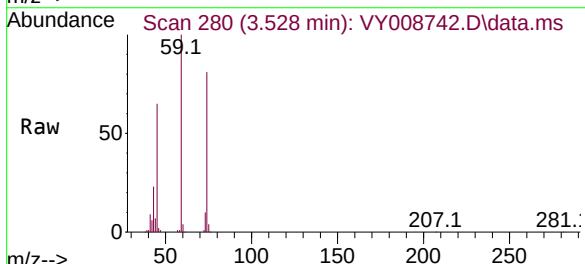
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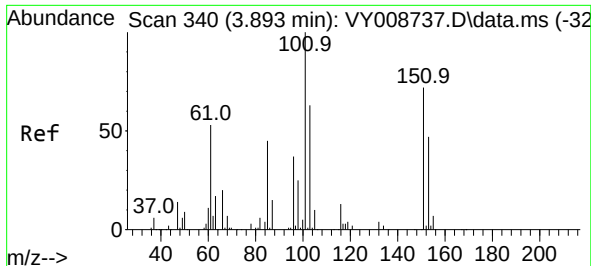
Tgt Ion:101 Resp: 166438
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.5 74.3



#8
 Diethyl Ether
 Concen: 52.830 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 56925
 Ion Ratio Lower Upper
 74 100
 45 84.7 42.6 127.8

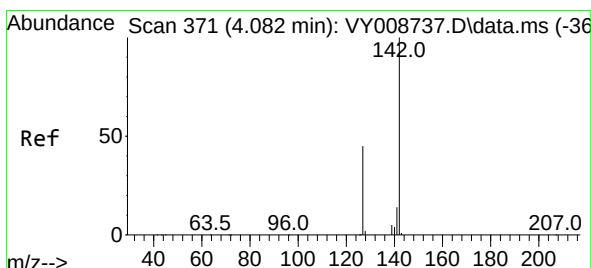
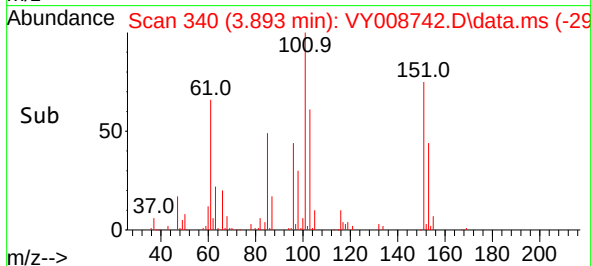
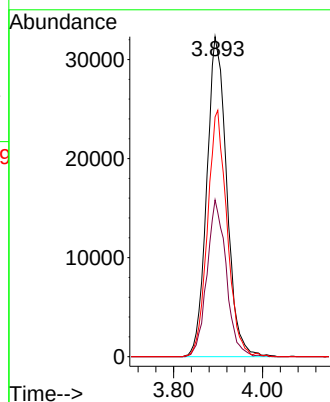
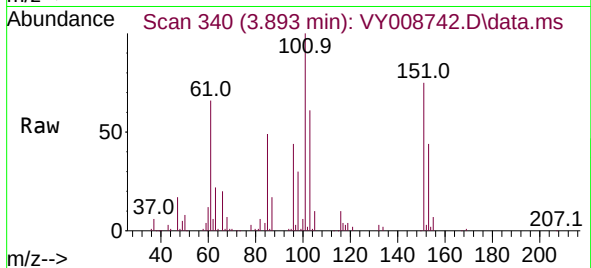




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.764 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

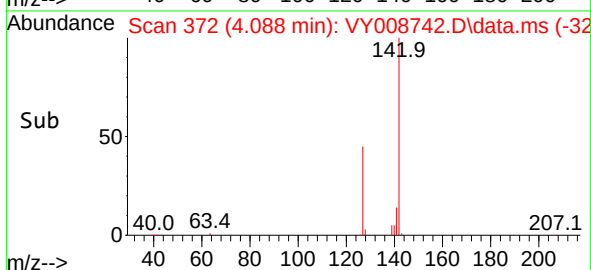
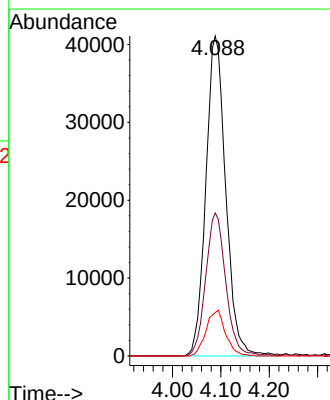
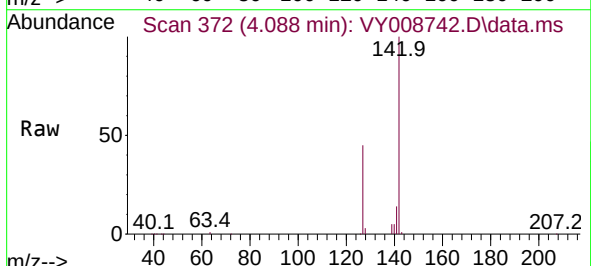
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

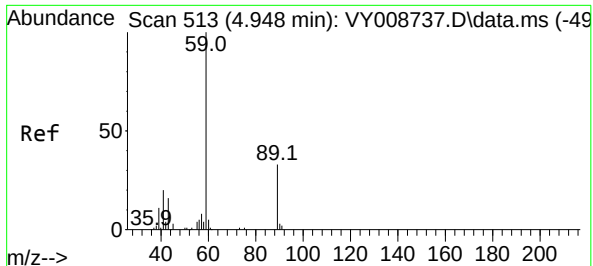
Tgt Ion:101 Resp: 100915
Ion Ratio Lower Upper
101 100
85 47.2 37.8 56.6
151 75.0 59.4 89.2



#10
Methyl Iodide
Concen: 58.116 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:142 Resp: 117394
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.0 11.7 17.5

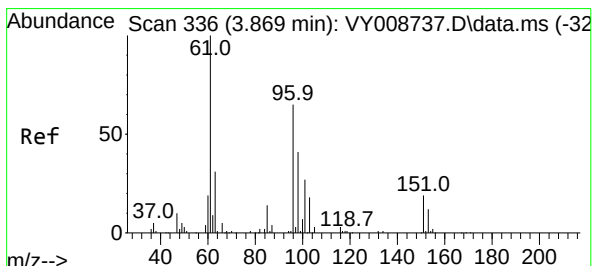
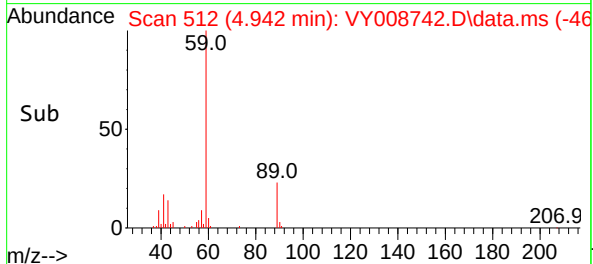
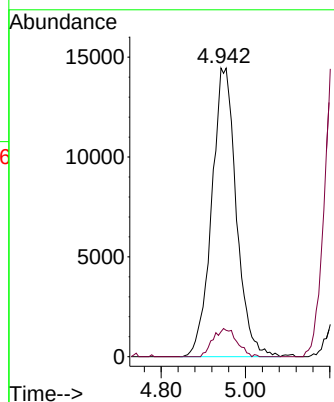
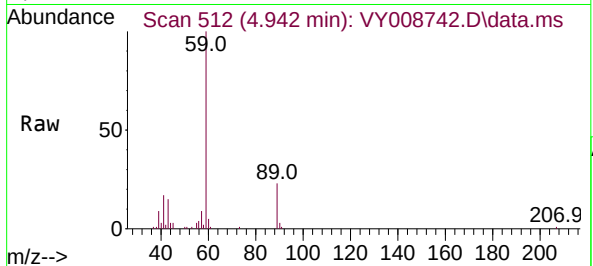




#11
Tert butyl alcohol
Concen: 125.177 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

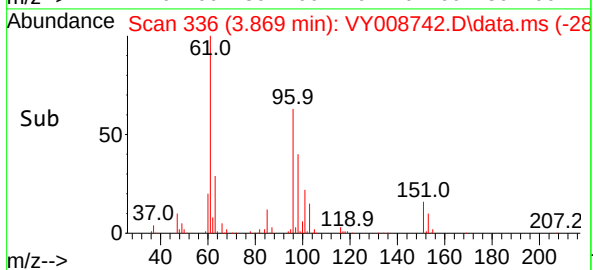
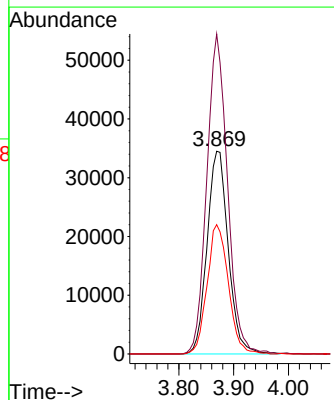
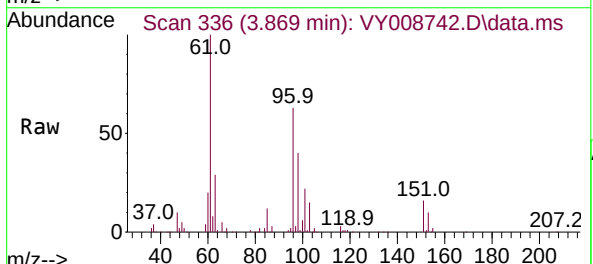
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

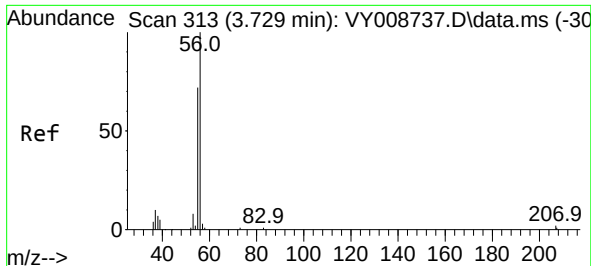
Tgt Ion: 59 Resp: 58611
Ion Ratio Lower Upper
59 100
57 9.4 6.7 10.1



#12
1,1-Dichloroethene
Concen: 48.783 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 96 Resp: 92455
Ion Ratio Lower Upper
96 100
61 157.8 123.9 185.9
98 63.8 51.2 76.8

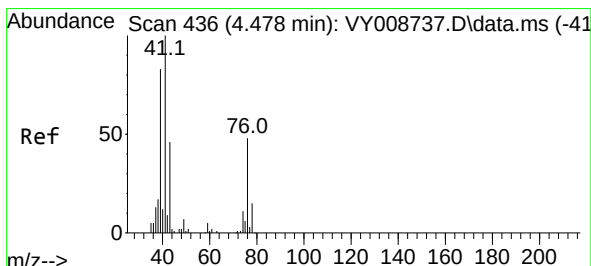
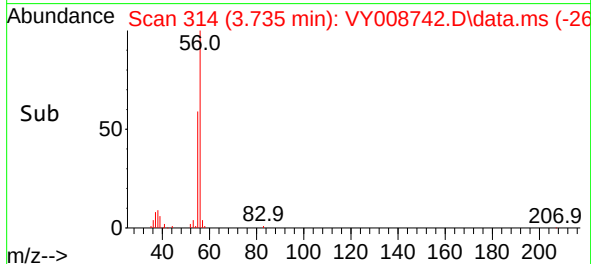
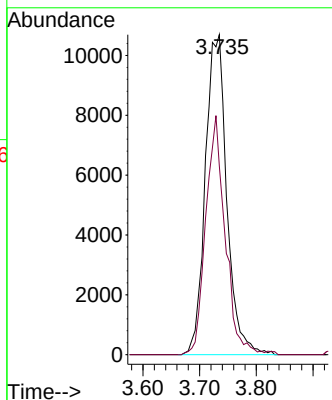
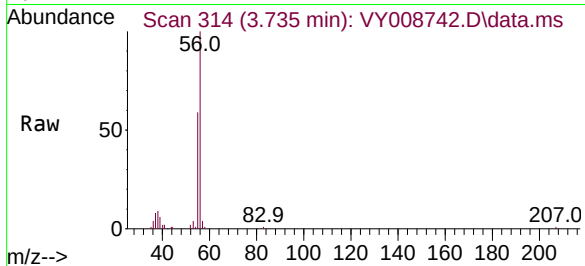




#13
Acrolein
Concen: 218.129 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

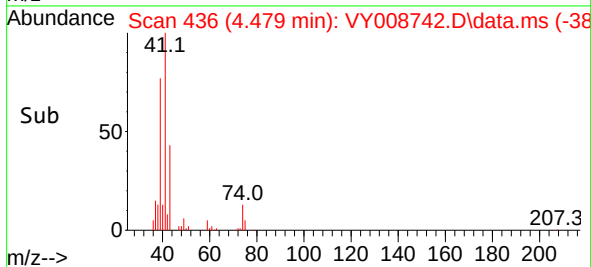
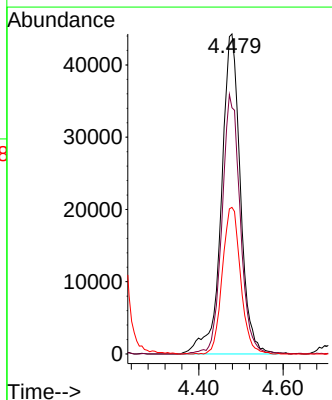
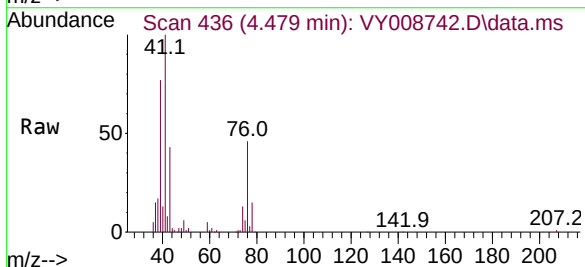
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

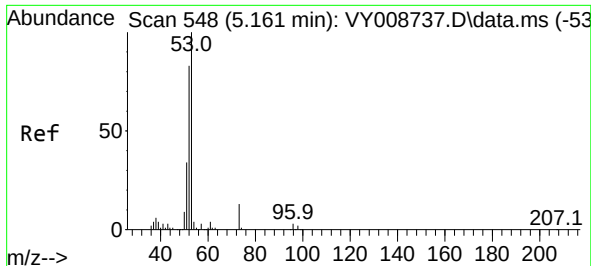
Tgt Ion: 56 Resp: 28171
Ion Ratio Lower Upper
56 100
55 67.5 59.8 89.6



#14
Allyl chloride
Concen: 51.639 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 41 Resp: 138267
Ion Ratio Lower Upper
41 100
39 77.3 64.0 96.0
76 43.9 37.5 56.3

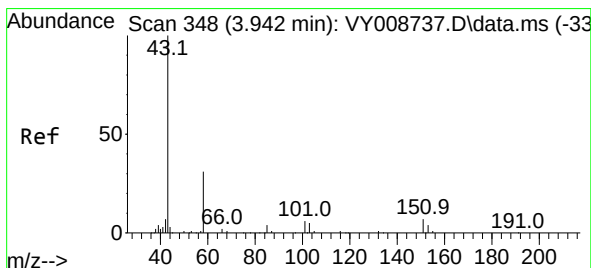
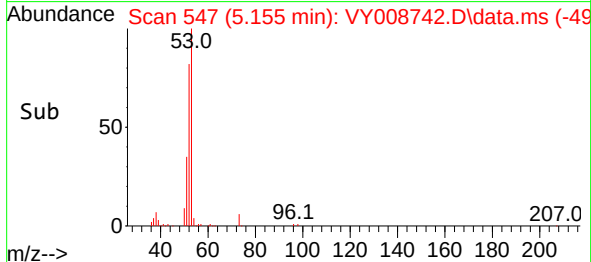
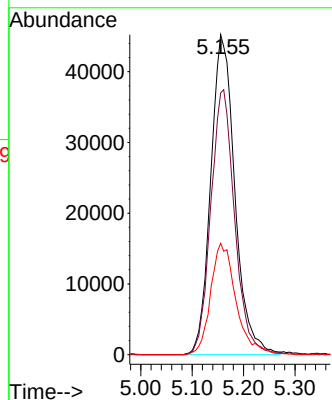
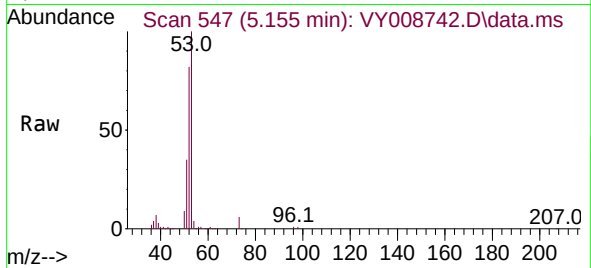




#15
Acrylonitrile
Concen: 267.287 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

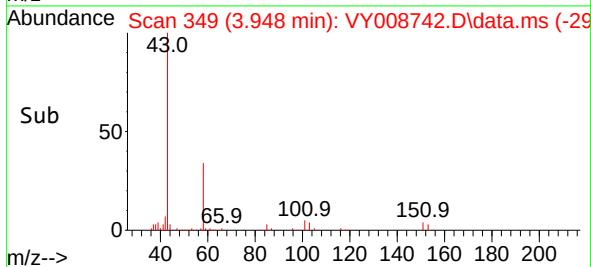
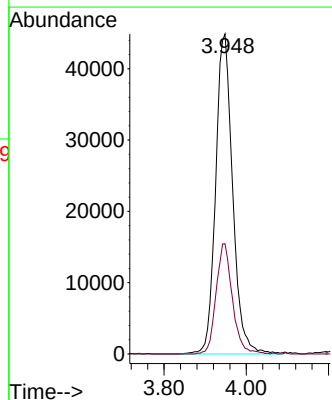
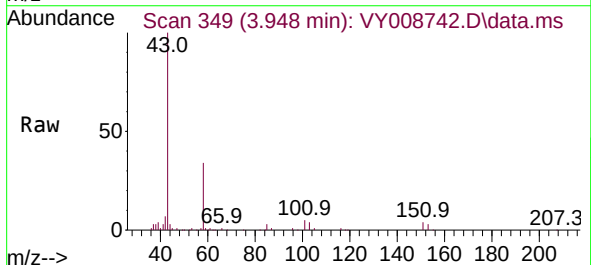
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

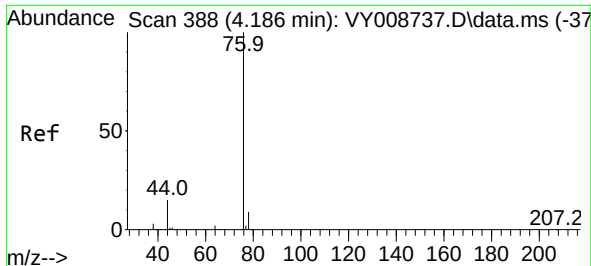
Tgt Ion: 53 Resp: 147253
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 36.6 29.6 44.4



#16
Acetone
Concen: 313.265 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 43 Resp: 128836
Ion Ratio Lower Upper
43 100
58 34.4 25.1 37.7

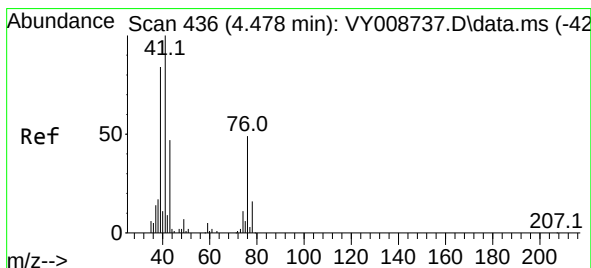
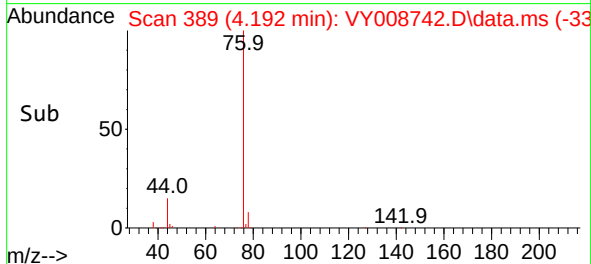
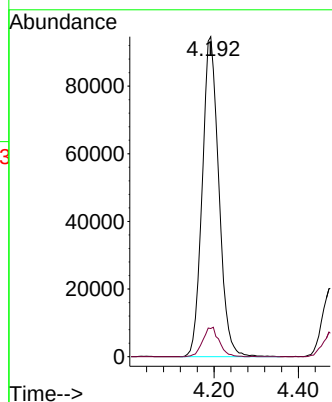
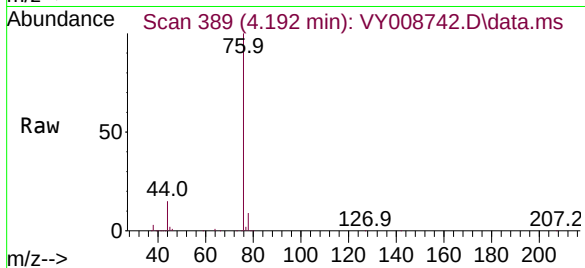




#17
Carbon Disulfide
Concen: 48.018 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

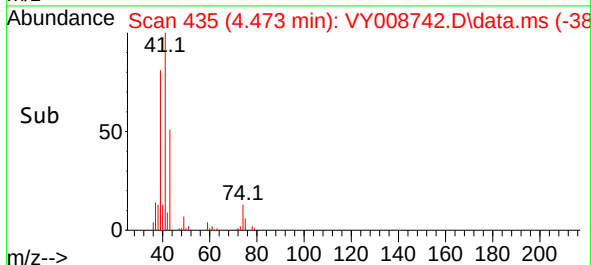
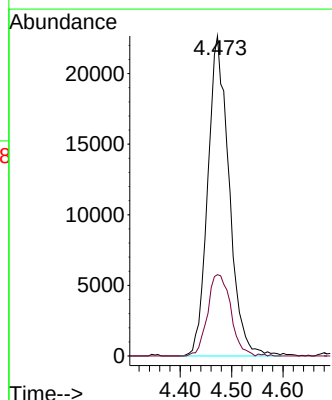
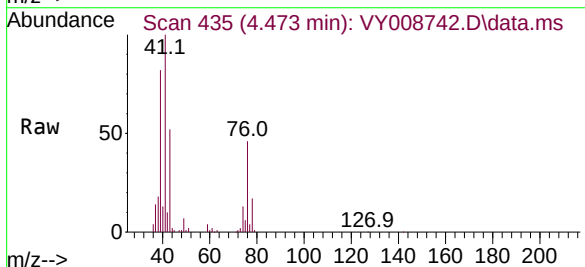
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

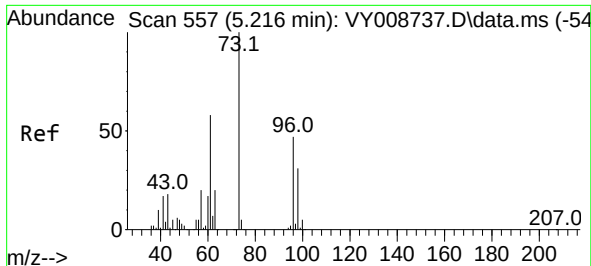
Tgt Ion: 76 Resp: 258892
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 54.308 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 43 Resp: 65149
Ion Ratio Lower Upper
43 100
74 27.6 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 53.452 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

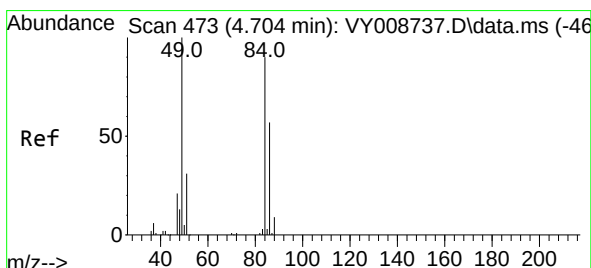
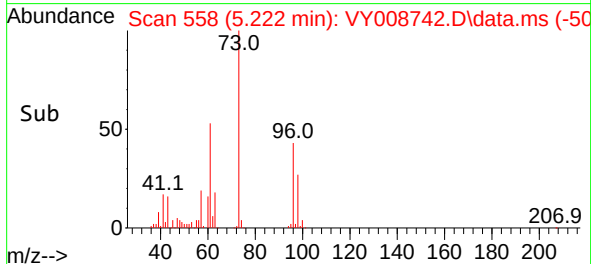
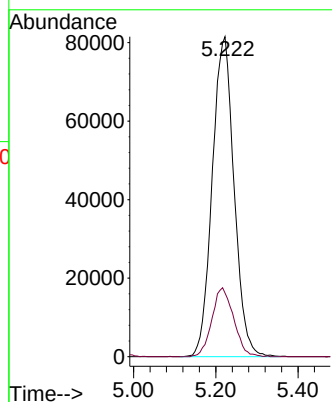
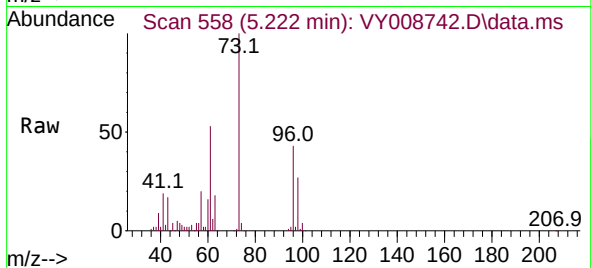
VSTDCCC050

Tgt Ion: 73 Resp: 300295

Ion Ratio Lower Upper

73 100

57 19.9 15.8 23.6



#20

Methylene Chloride

Concen: 55.225 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Tgt Ion: 84 Resp: 123213

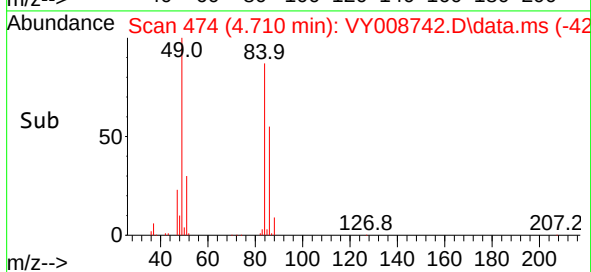
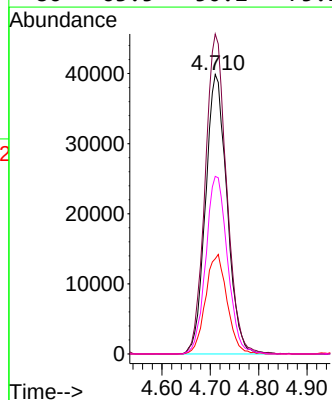
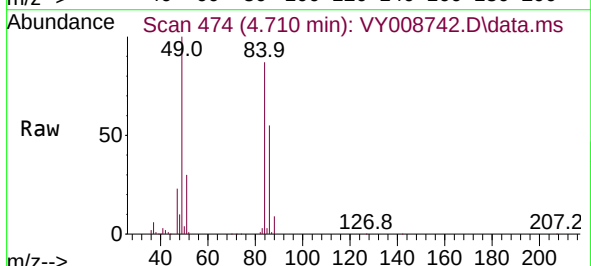
Ion Ratio Lower Upper

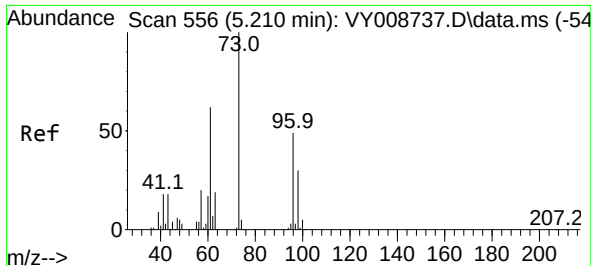
84 100

49 114.3 88.6 133.0

51 34.1 27.4 41.0

86 63.5 50.2 75.2

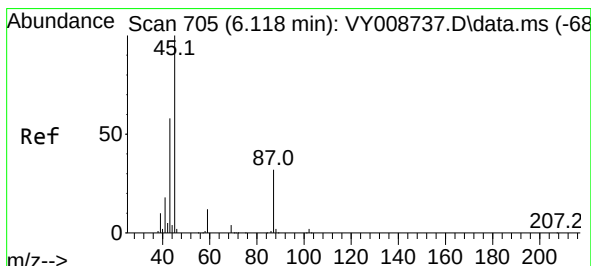
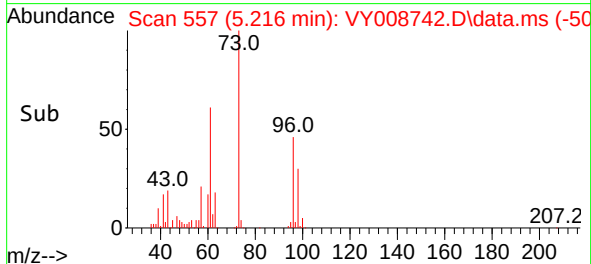
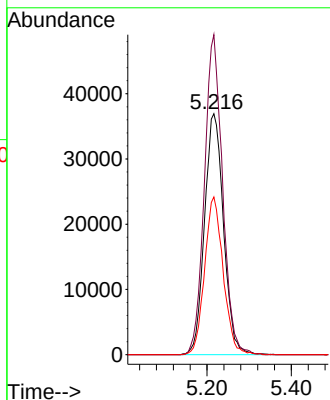
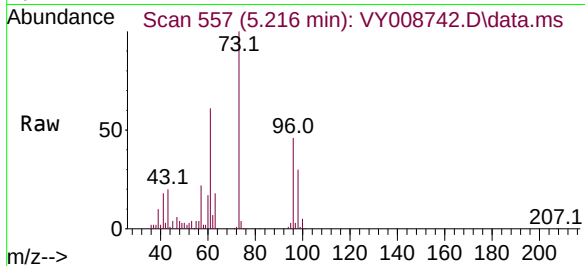




#21
trans-1,2-Dichloroethene
Concen: 50.214 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

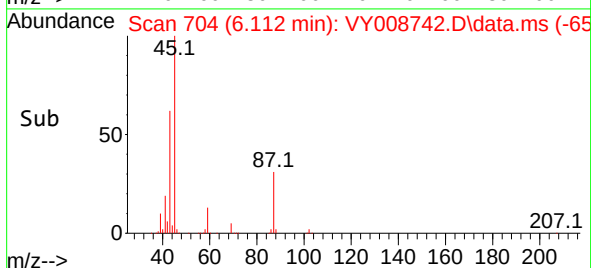
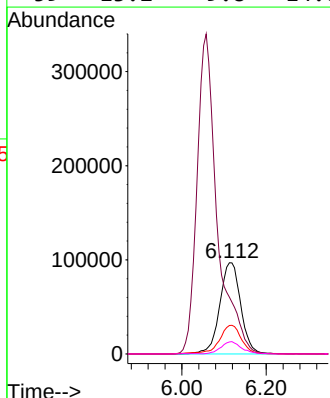
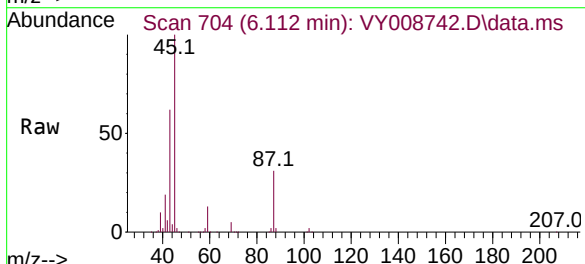
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

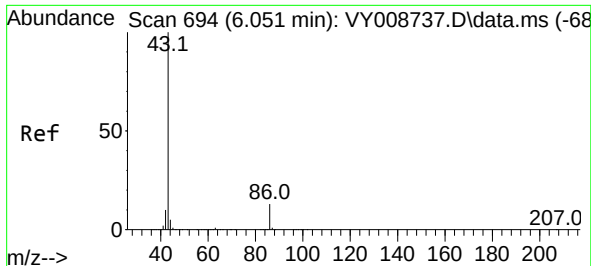
Tgt Ion: 96 Resp: 115904
Ion Ratio Lower Upper
96 100
61 132.8 101.8 152.6
98 65.5 50.2 75.2



#22
Diisopropyl ether
Concen: 53.554 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 45 Resp: 334302
Ion Ratio Lower Upper
45 100
43 61.9 46.5 69.7
87 31.2 26.3 39.5
59 13.2 9.8 14.6

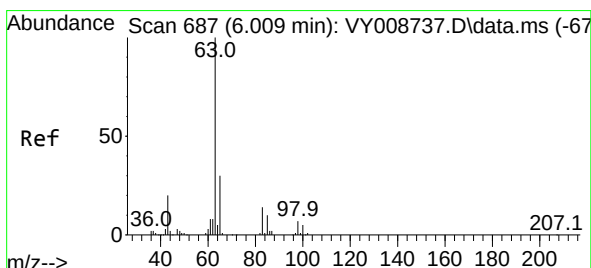
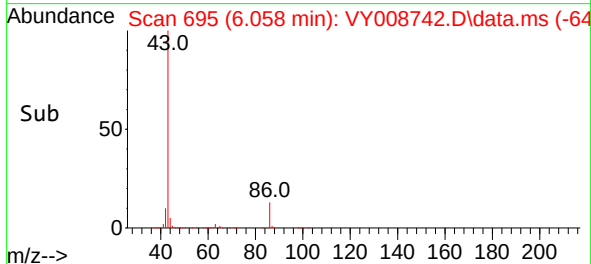
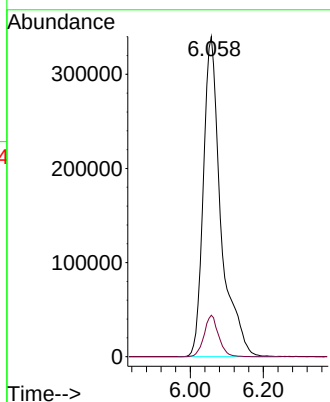
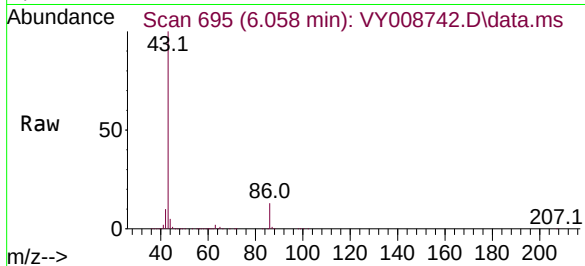




#23
 Vinyl Acetate
 Concen: 305.106 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

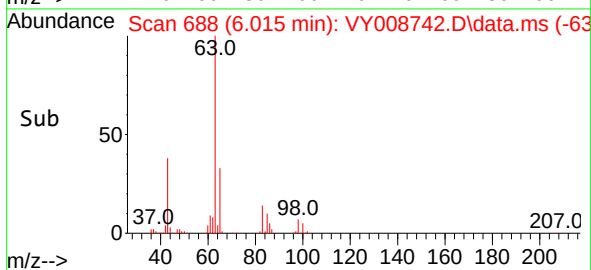
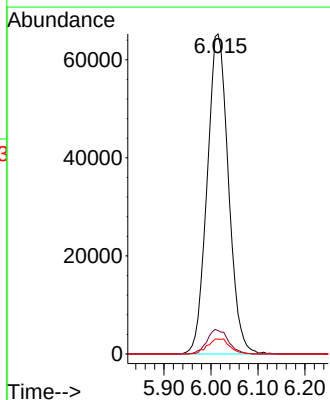
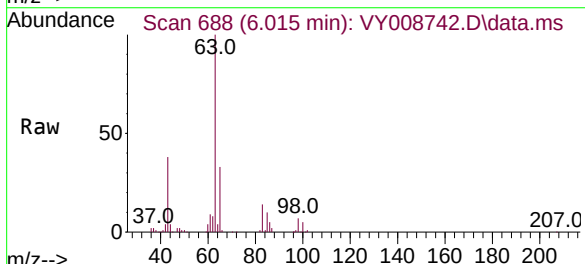
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

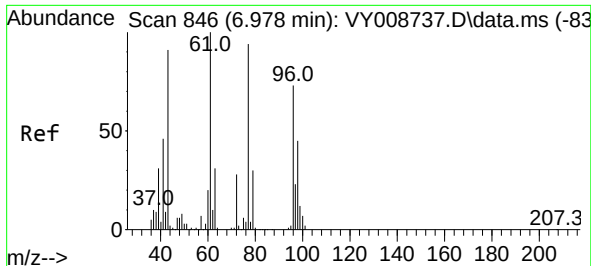
Tgt Ion: 43 Resp: 1135378
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 52.052 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

Tgt Ion: 63 Resp: 205439
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.7 2.6 7.8

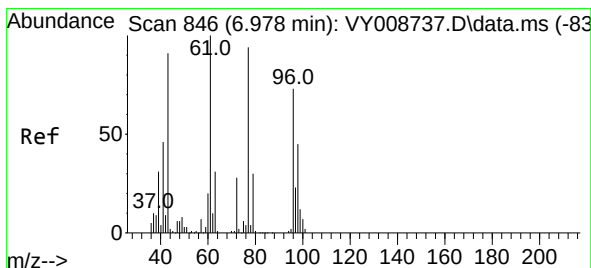
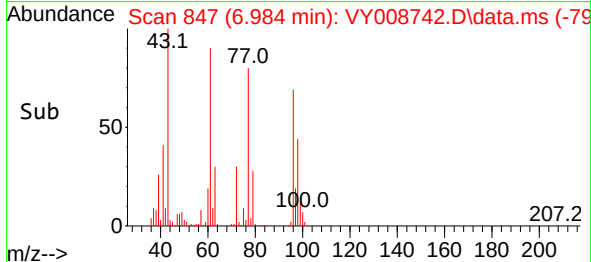
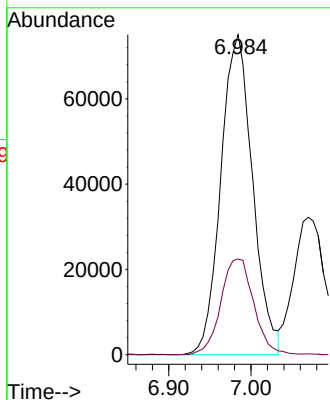
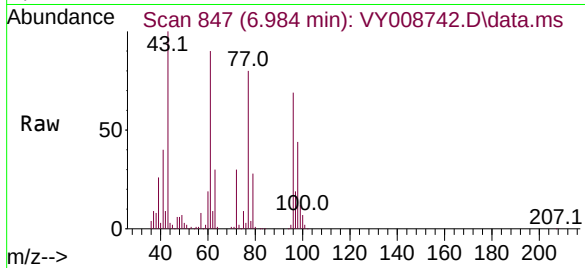




#25
2-Butanone
Concen: 282.943 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

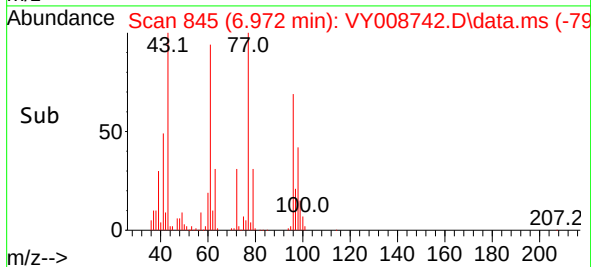
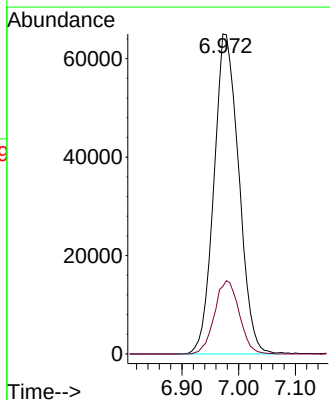
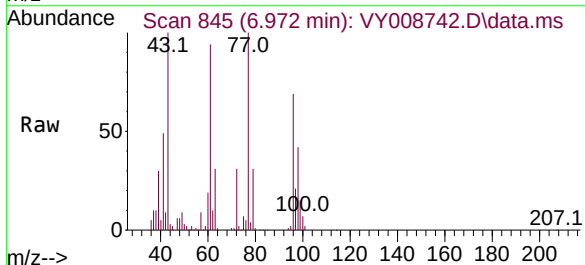
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

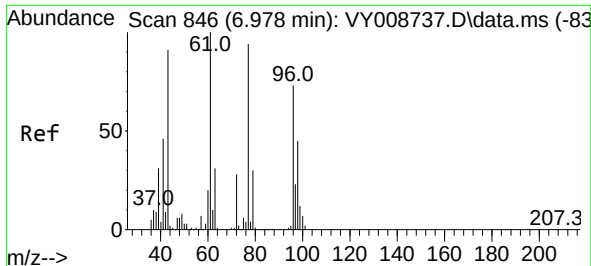
Tgt Ion: 43 Resp: 201755
Ion Ratio Lower Upper
43 100
72 29.9 25.0 37.4



#26
2,2-Dichloropropane
Concen: 52.777 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 77 Resp: 197986
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5

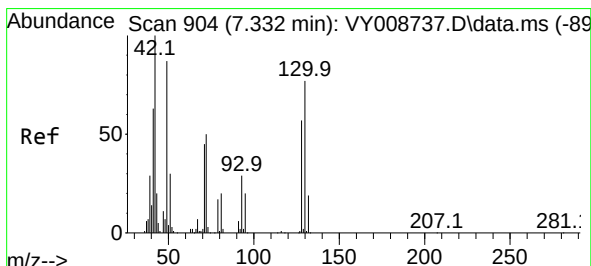
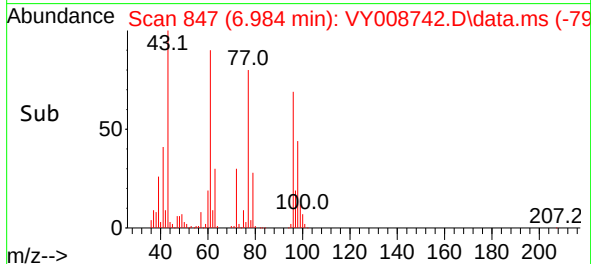
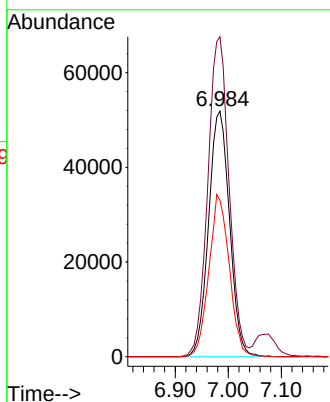
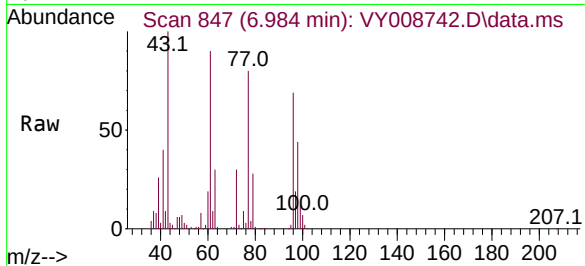




#27
 cis-1,2-Dichloroethene
 Concen: 54.159 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

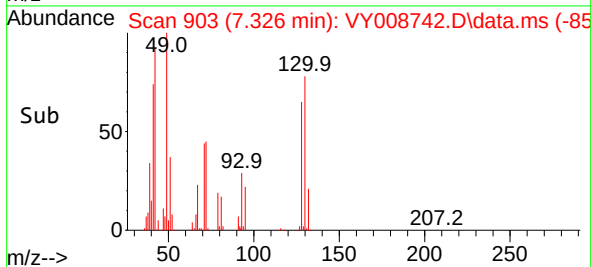
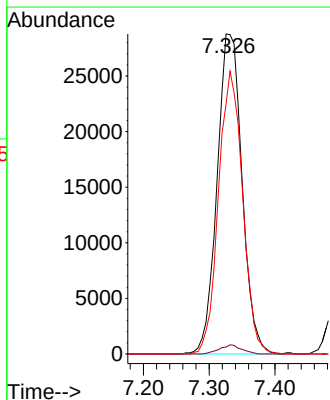
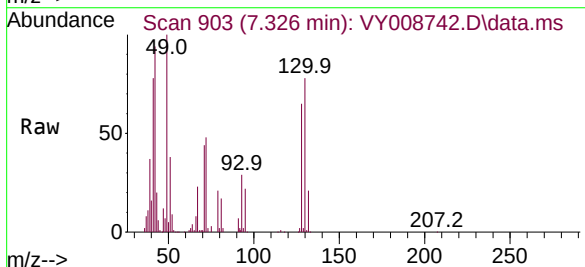
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

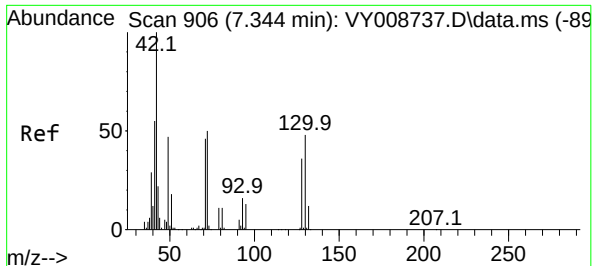
Tgt Ion: 96 Resp: 142456
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 270.4
 98 64.1 0.0 126.6



#28
 Bromochloromethane
 Concen: 48.303 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

Tgt Ion: 49 Resp: 76076
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 85.2 69.0 103.4





#29

Tetrahydrofuran

Concen: 270.776 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

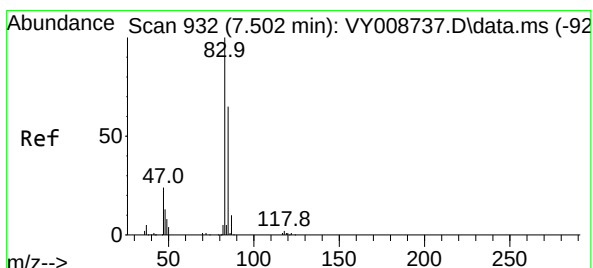
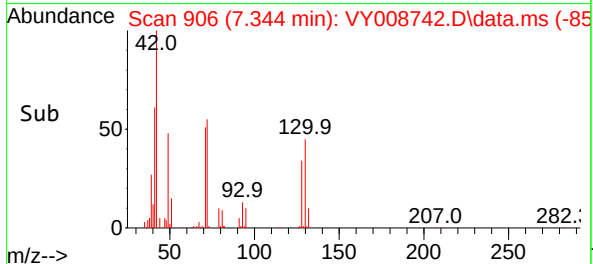
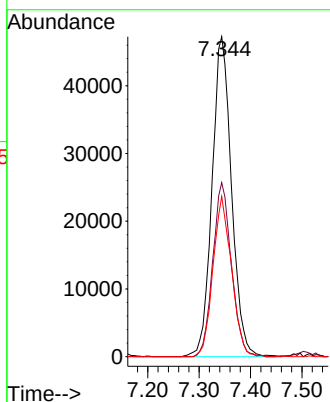
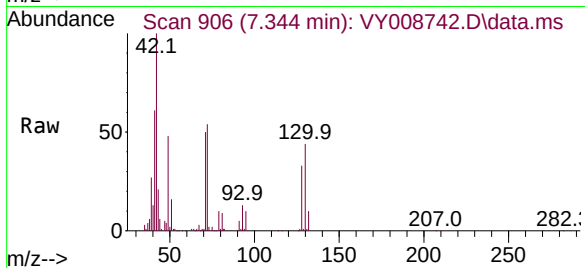
Tgt Ion: 42 Resp: 124512

Ion Ratio Lower Upper

42 100

72 51.9 40.7 61.1

71 47.6 37.4 56.0



#30

Chloroform

Concen: 53.047 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008742.D

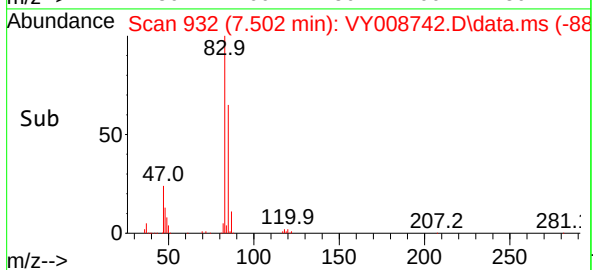
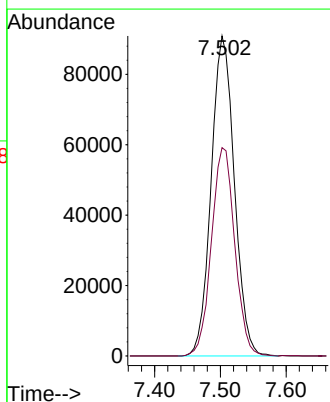
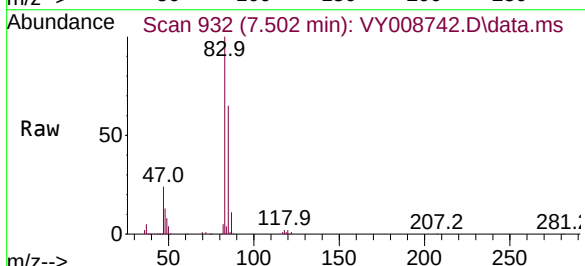
Acq: 13 May 2022 11:51

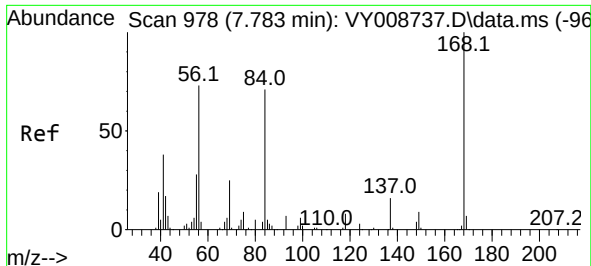
Tgt Ion: 83 Resp: 223167

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

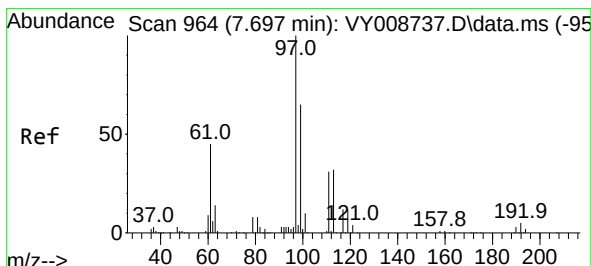
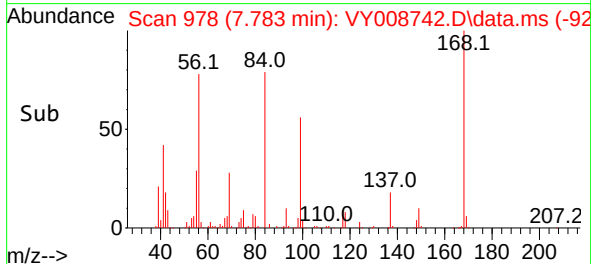
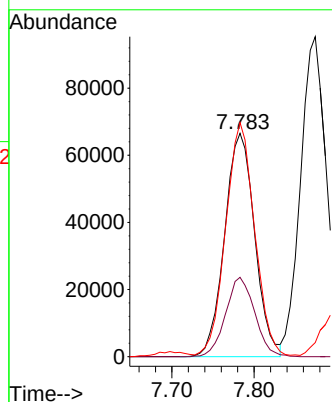
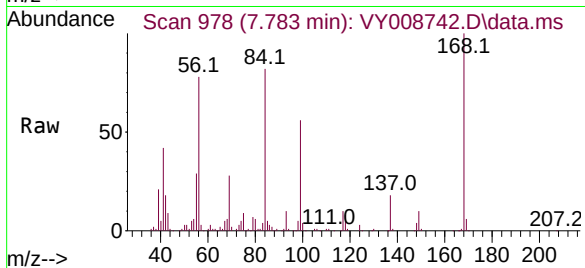




#31
Cyclohexane
Concen: 52.679 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

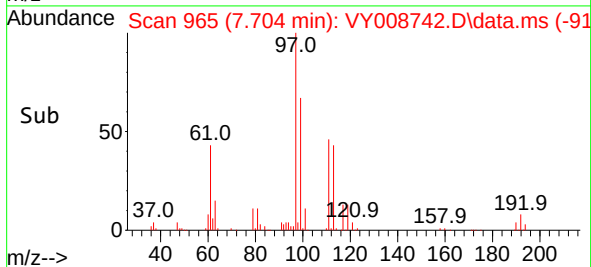
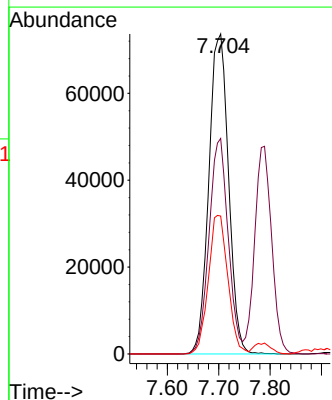
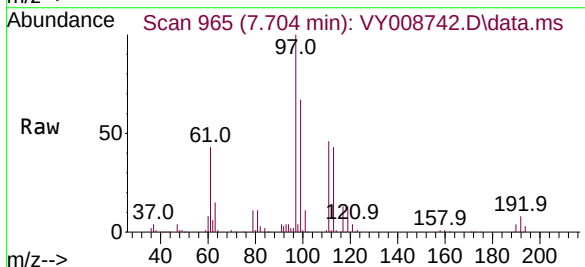
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

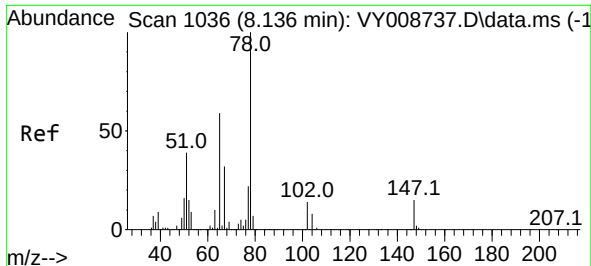
Tgt Ion: 56 Resp: 169527
Ion Ratio Lower Upper
56 100
69 35.5 27.4 41.0
84 102.8 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 51.462 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 97 Resp: 195889
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 42.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 49.417 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

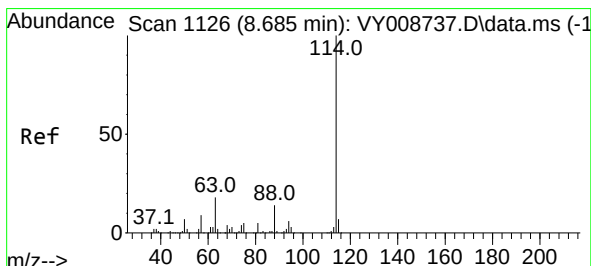
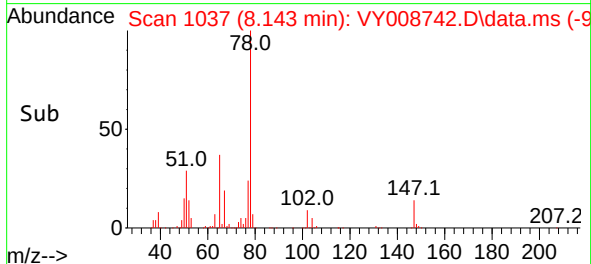
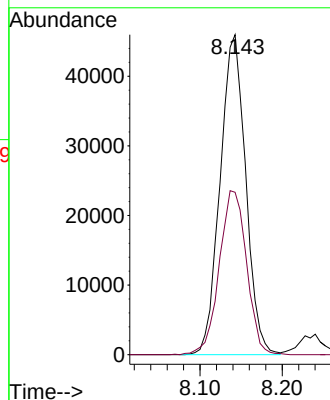
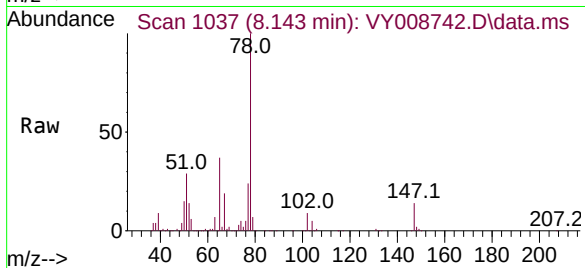
VSTDCCC050

Tgt Ion: 65 Resp: 99341

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

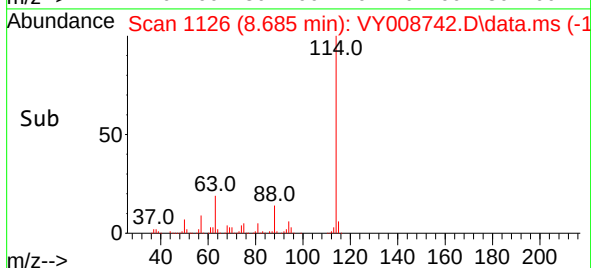
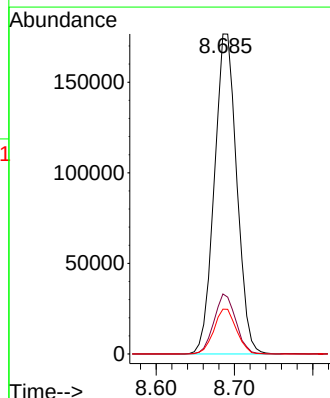
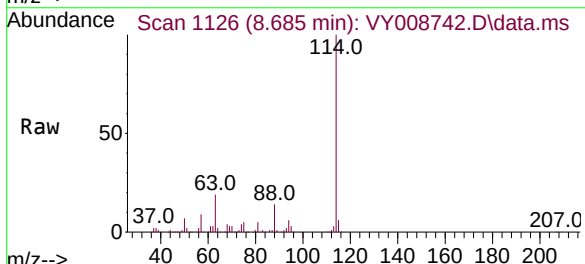
Tgt Ion: 114 Resp: 351111

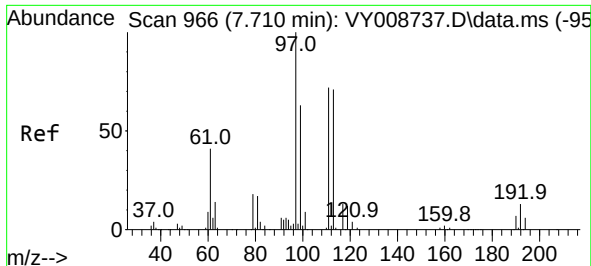
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 14.0 0.0 27.4

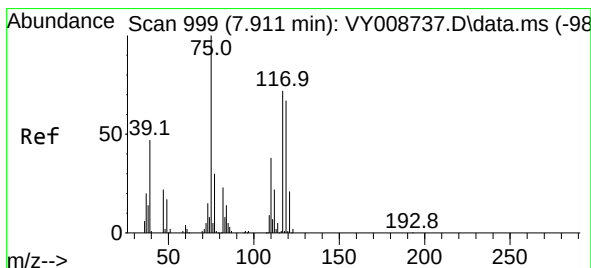
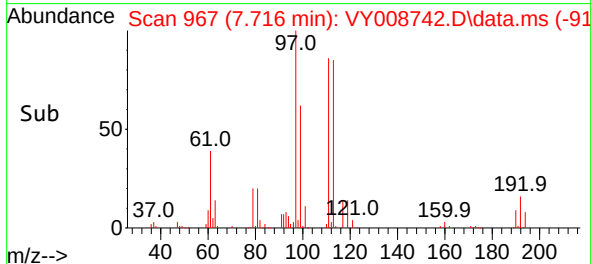
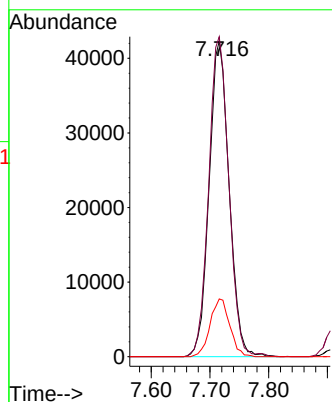
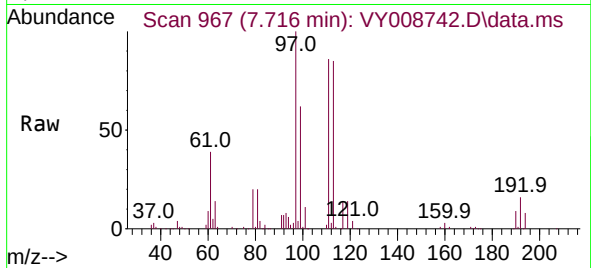




#35
Dibromofluoromethane
Concen: 47.346 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

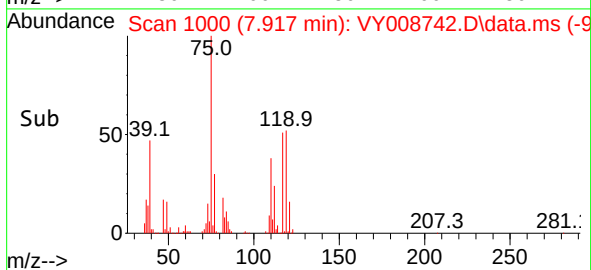
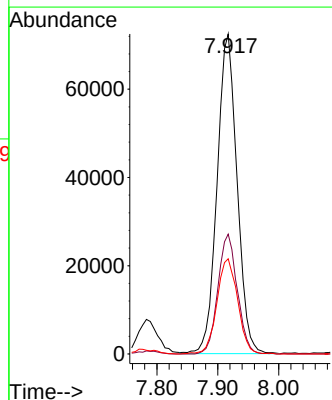
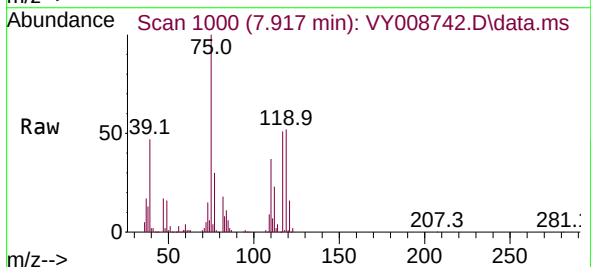
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

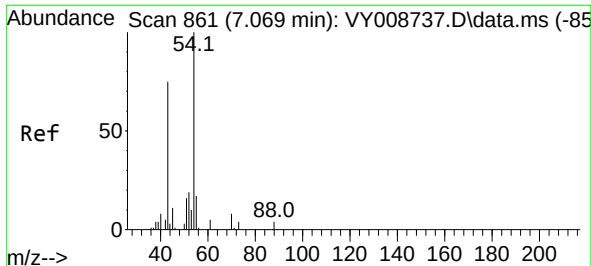
Tgt Ion:113 Resp: 99773
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 48.945 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 75 Resp: 164920
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.1
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 51.808 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

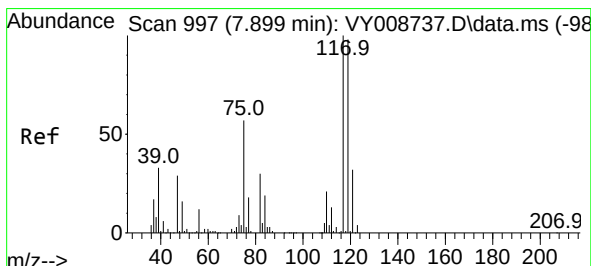
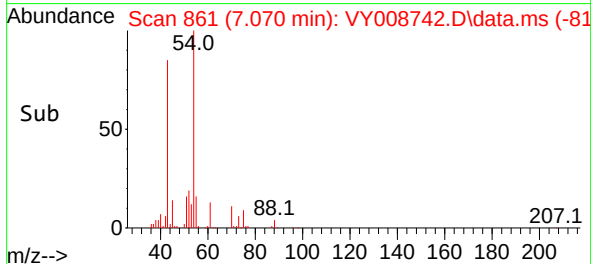
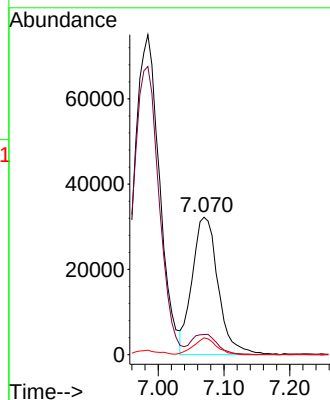
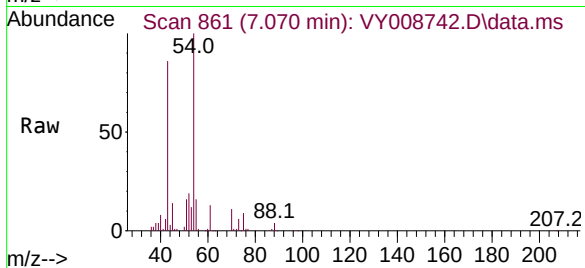
Tgt Ion: 43 Resp: 88337

Ion Ratio Lower Upper

43 100

61 15.0 10.8 16.2

70 10.7 8.5 12.7



#38

Carbon Tetrachloride

Concen: 49.404 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

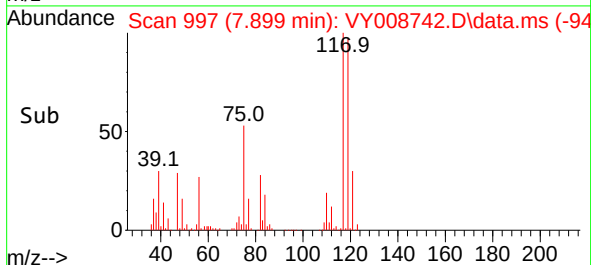
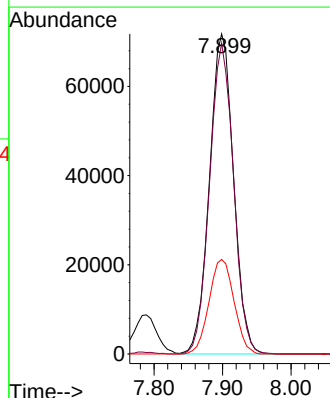
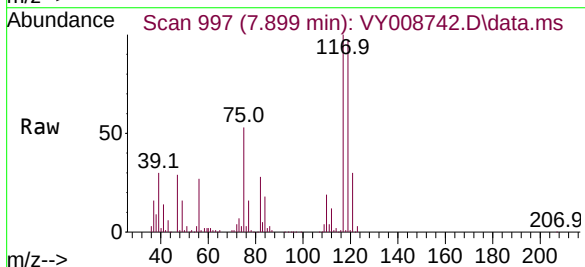
Tgt Ion: 117 Resp: 175656

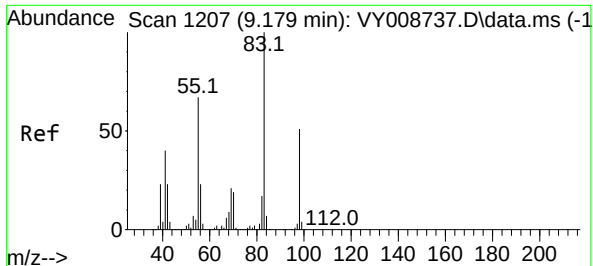
Ion Ratio Lower Upper

117 100

119 97.1 78.5 117.7

121 29.6 25.8 38.8





#39

Methylcyclohexane

Concen: 47.131 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

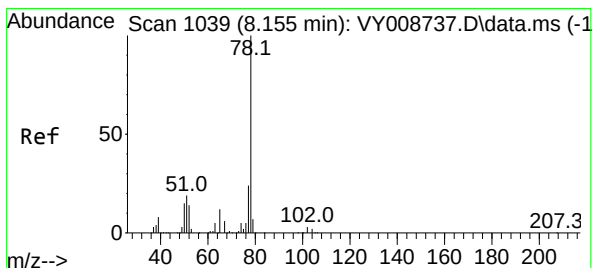
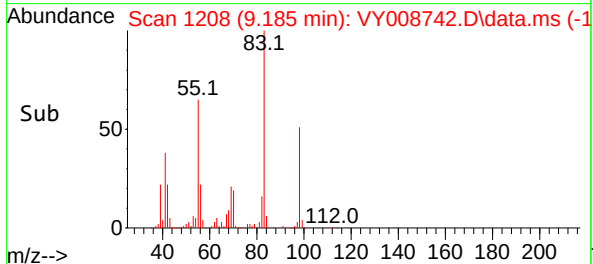
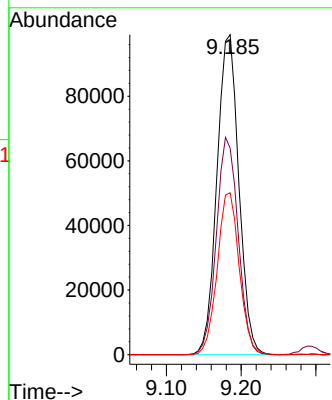
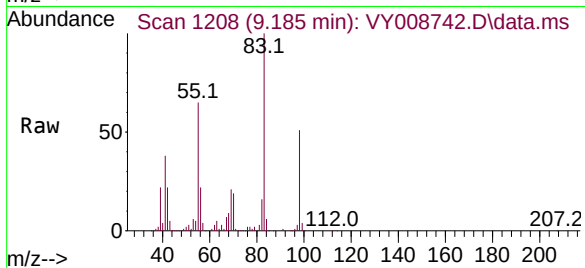
Tgt Ion: 83 Resp: 201897

Ion Ratio Lower Upper

83 100

55 64.6 53.4 80.0

98 50.6 41.0 61.4



#40

Benzene

Concen: 51.008 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY008742.D

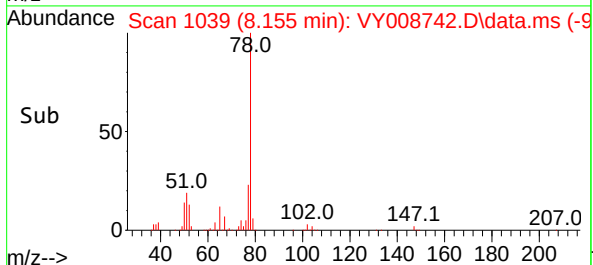
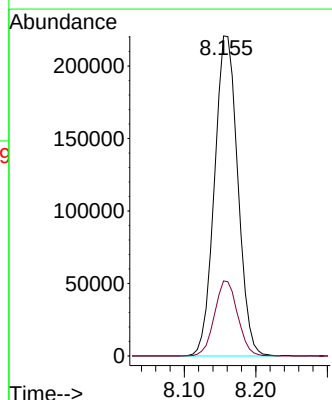
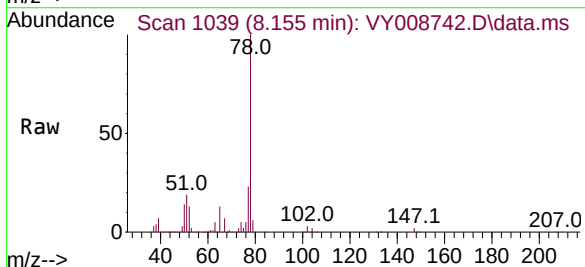
Acq: 13 May 2022 11:51

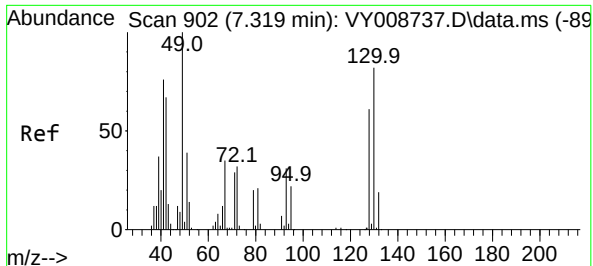
Tgt Ion: 78 Resp: 499484

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

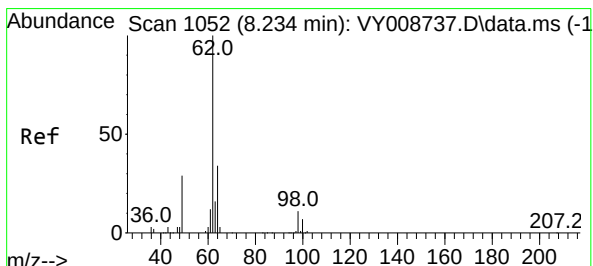
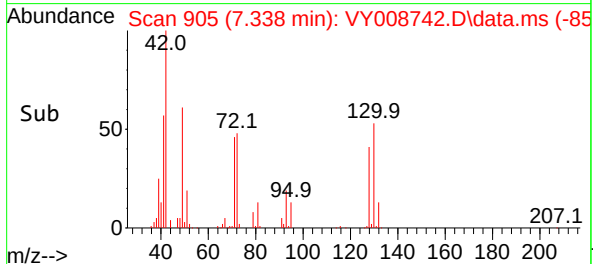
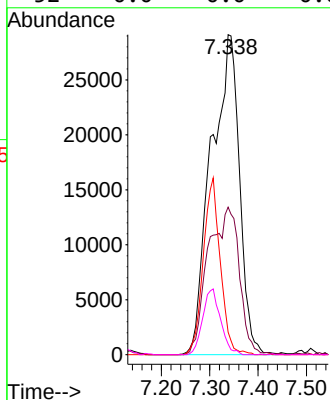
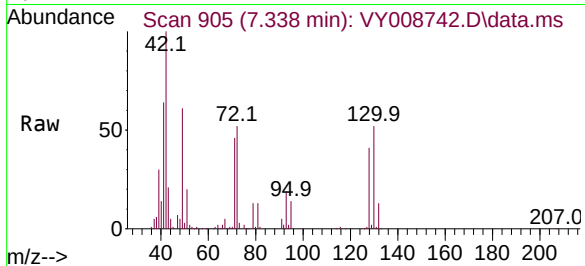




#41
Methacrylonitrile
Concen: 142.766 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

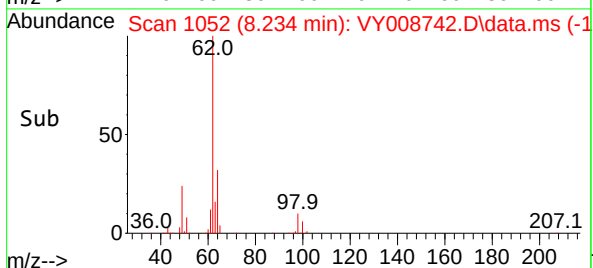
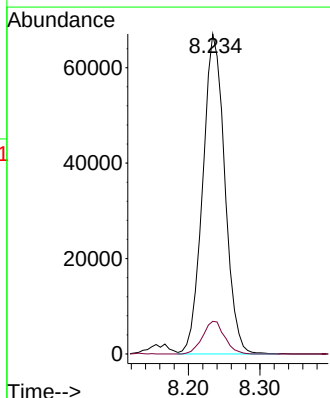
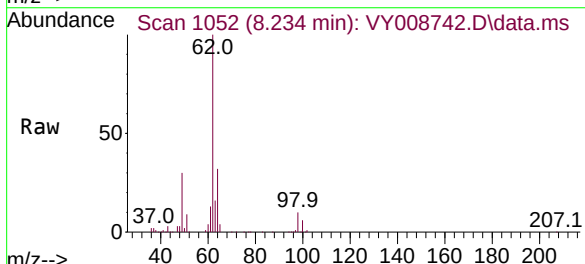
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

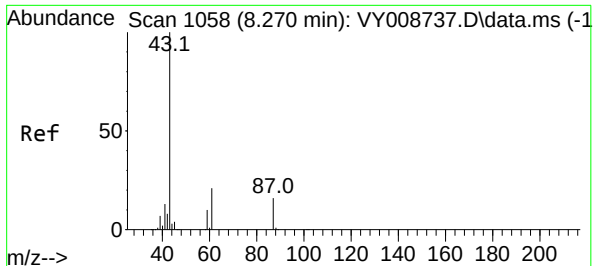
Tgt Ion: 41 Resp: 118093
Ion Ratio Lower Upper
41 100
39 50.8 97.1 145.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.857 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 62 Resp: 143697
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6

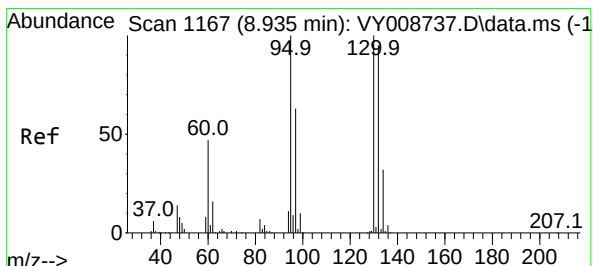
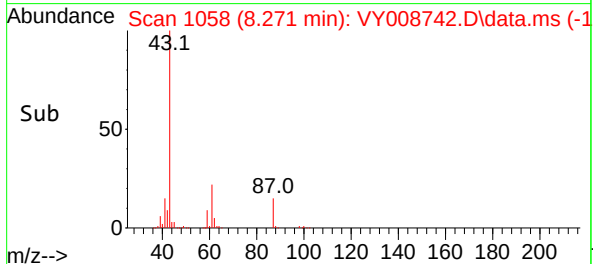
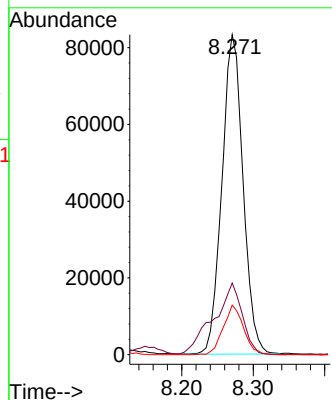
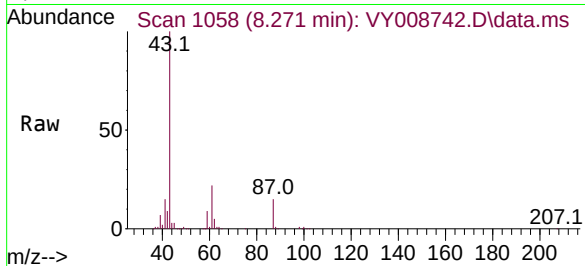




#43
Isopropyl Acetate
Concen: 53.185 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

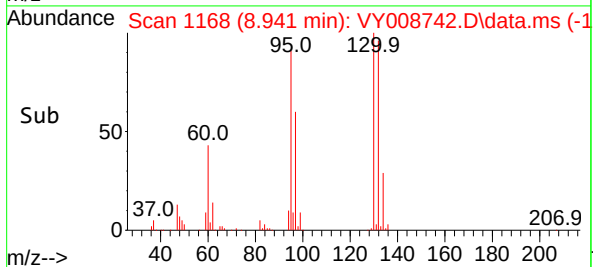
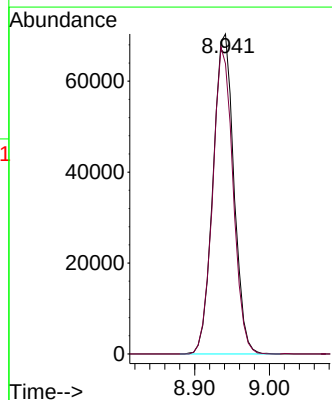
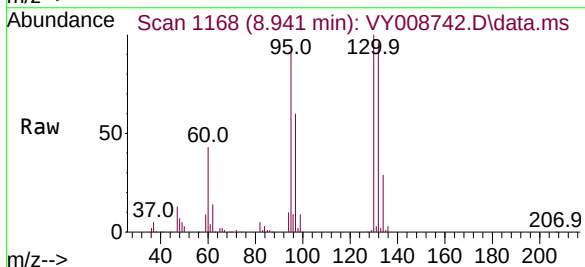
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

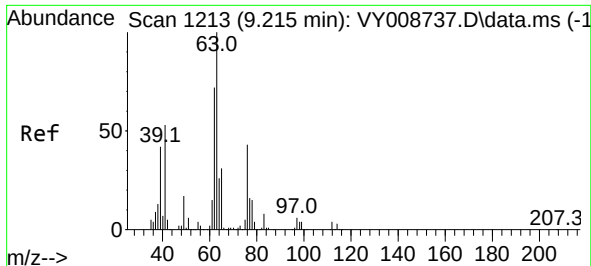
Tgt Ion: 43 Resp: 170910
Ion Ratio Lower Upper
43 100
61 30.6 24.6 36.8
87 14.9 11.8 17.8



#44
Trichloroethene
Concen: 52.088 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:130 Resp: 136210
Ion Ratio Lower Upper
130 100
95 90.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 52.609 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

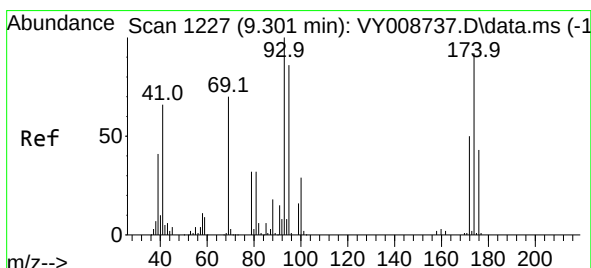
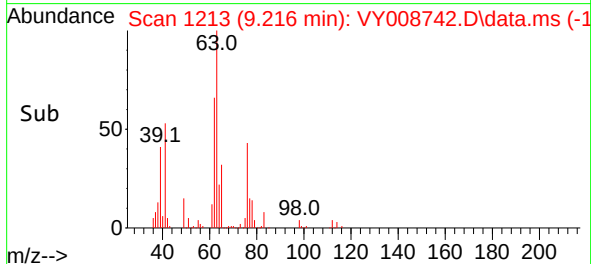
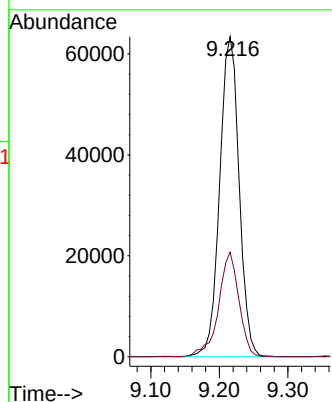
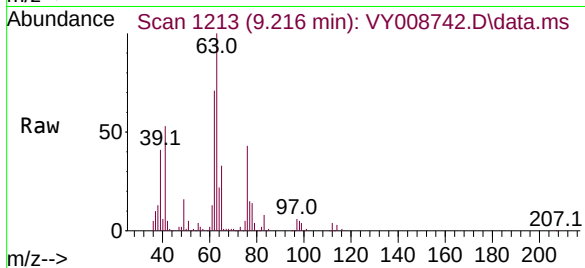
VSTDCCC050

Tgt Ion: 63 Resp: 124379

Ion Ratio Lower Upper

63 100

65 32.6 24.7 37.1



#46

Dibromomethane

Concen: 51.495 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

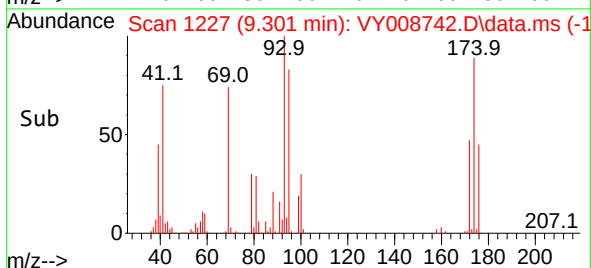
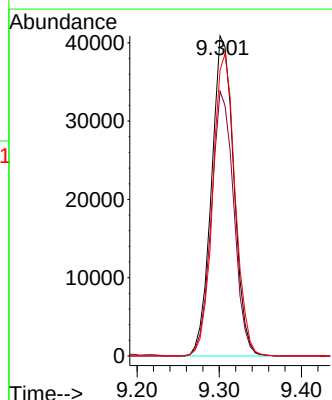
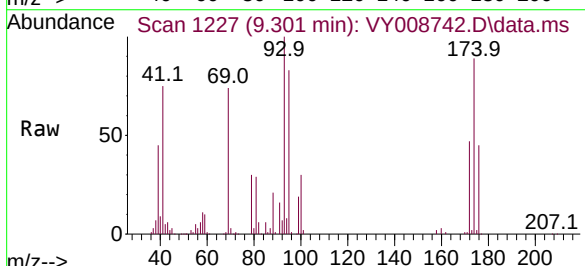
Tgt Ion: 93 Resp: 77256

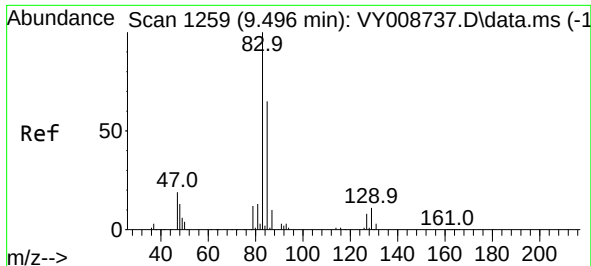
Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.2

174 94.2 74.2 111.2

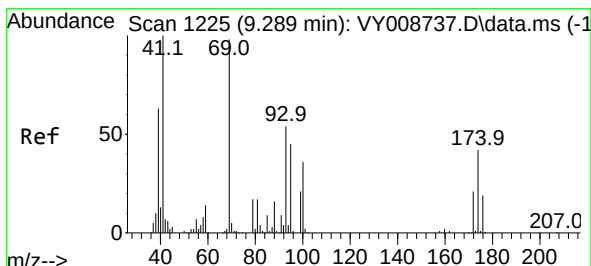
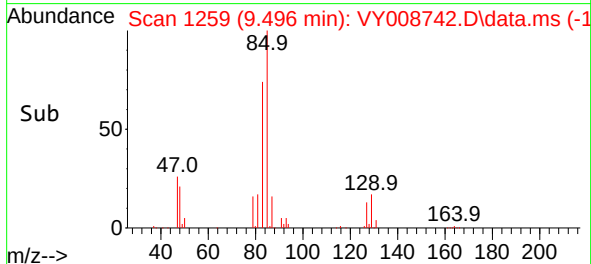
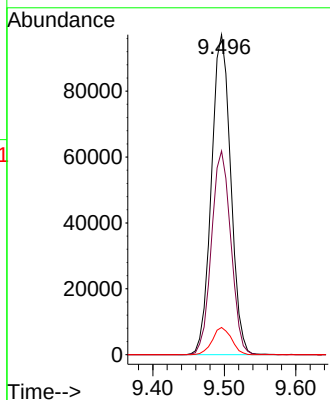
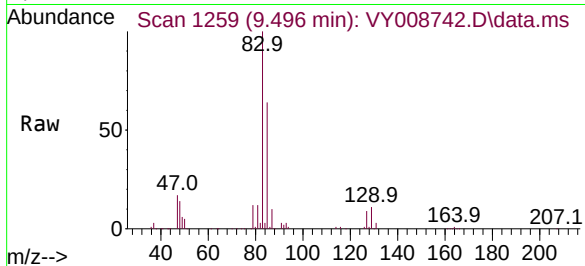




#47
Bromodichloromethane
Concen: 52.309 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

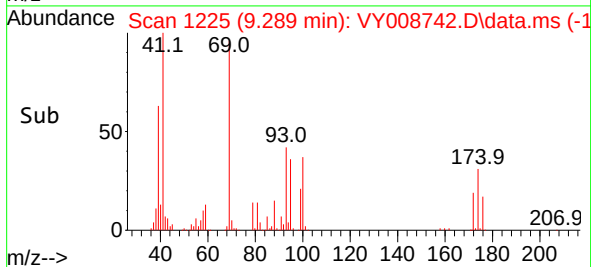
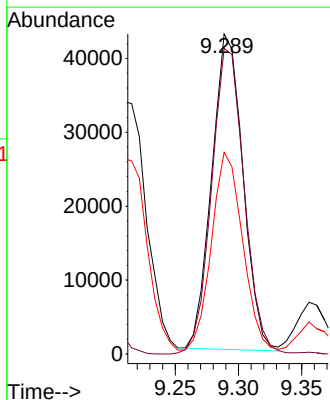
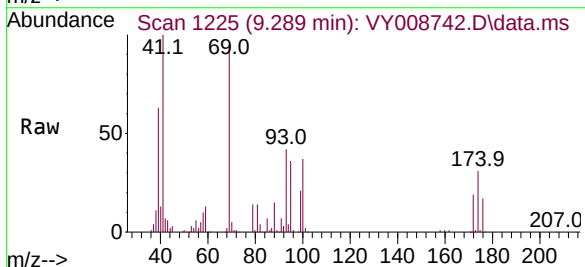
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

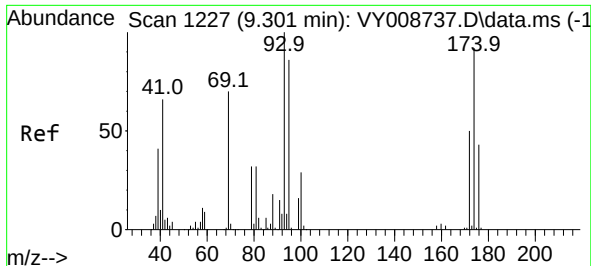
Tgt Ion: 83 Resp: 181858
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 53.249 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 41 Resp: 73299
Ion Ratio Lower Upper
41 100
69 101.0 79.4 119.0
39 63.0 49.8 74.6

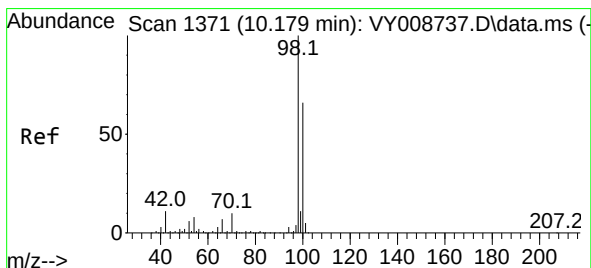
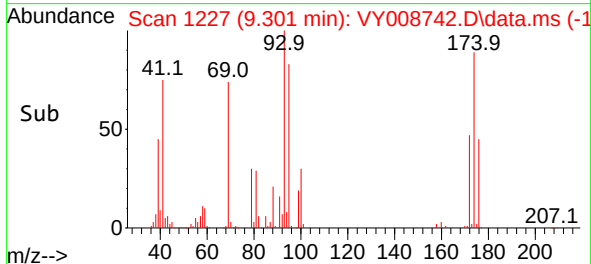
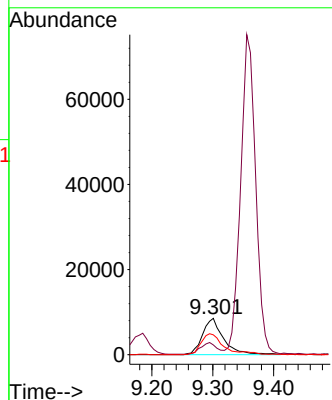
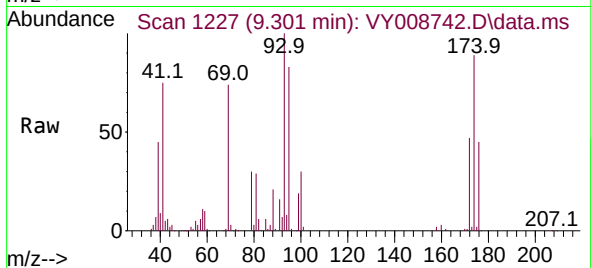




#49
1,4-Dioxane
Concen: 1092.581 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

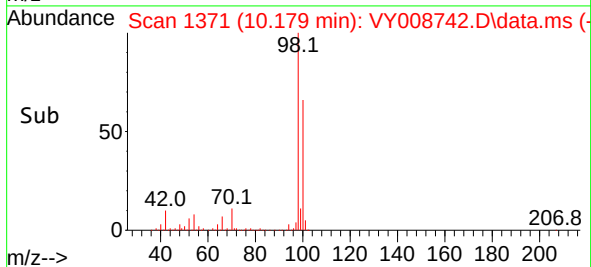
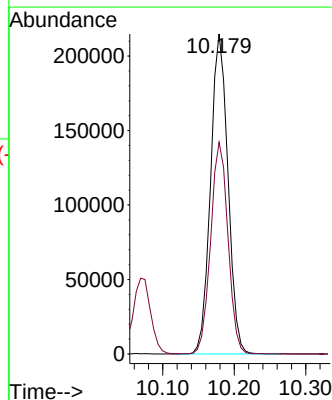
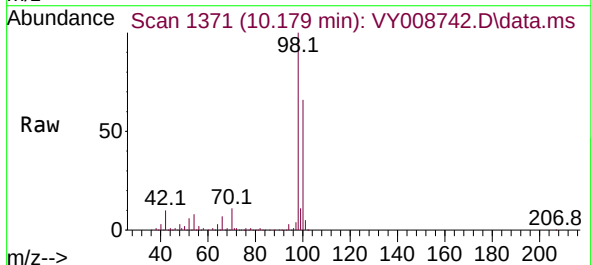
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

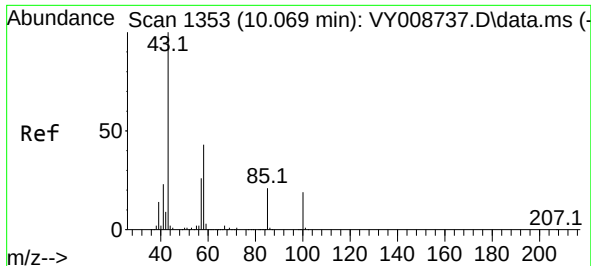
Tgt Ion: 88 Resp: 20533
Ion Ratio Lower Upper
88 100
43 25.8 24.2 36.2
58 62.8 45.7 68.5



#50
Toluene-d8
Concen: 45.570 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 98 Resp: 362160
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

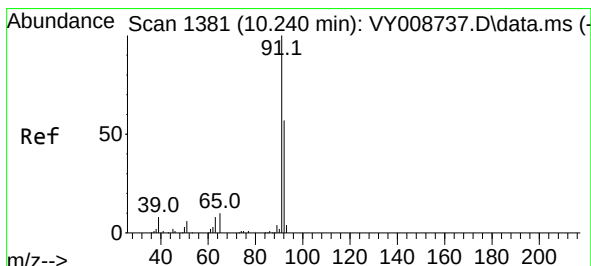
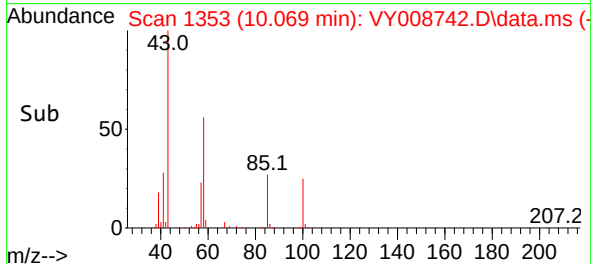
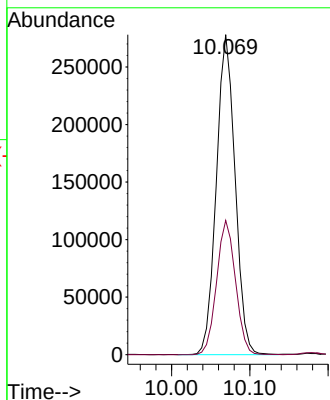
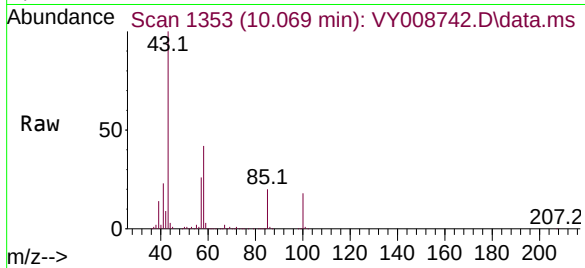




#51
4-Methyl-2-Pentanone
Concen: 268.418 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

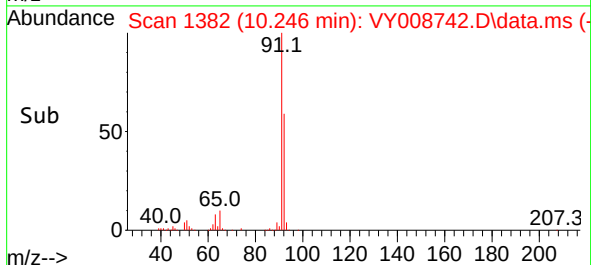
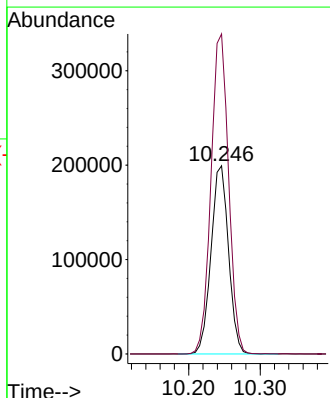
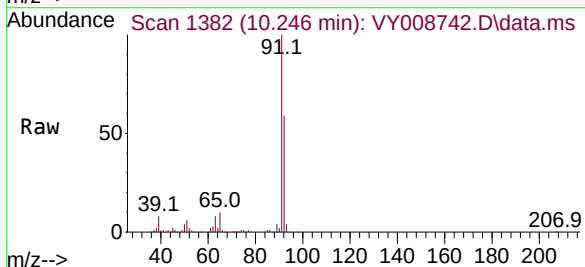
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

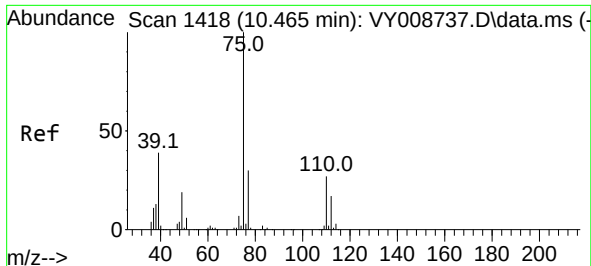
Tgt Ion: 43 Resp: 462509
Ion Ratio Lower Upper
43 100
58 42.3 33.6 50.4



#52
Toluene
Concen: 51.987 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 92 Resp: 338684
Ion Ratio Lower Upper
92 100
91 171.2 137.6 206.4

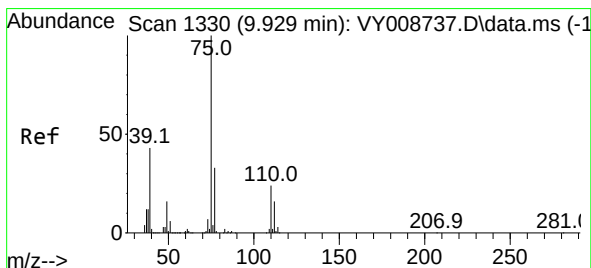
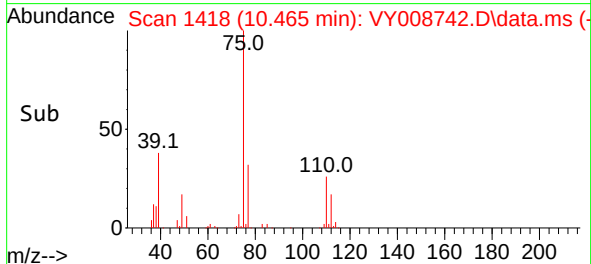
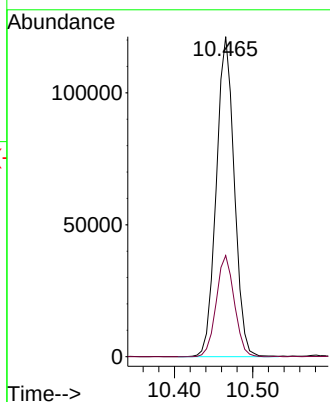
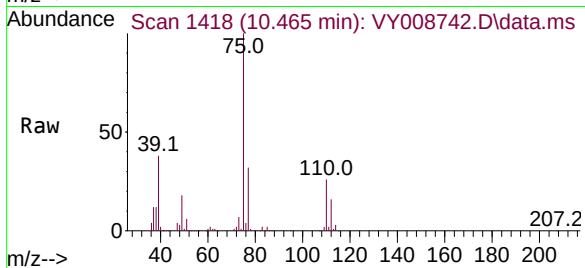




#53
 t-1,3-Dichloropropene
 Concen: 54.052 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

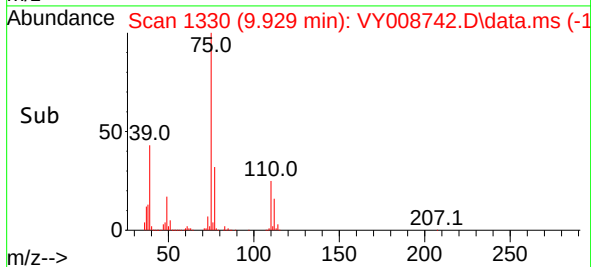
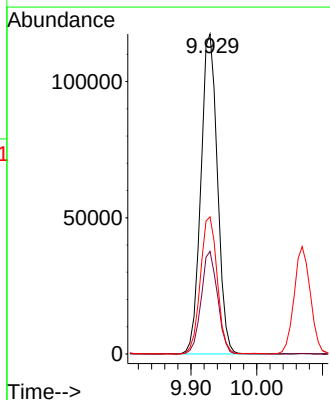
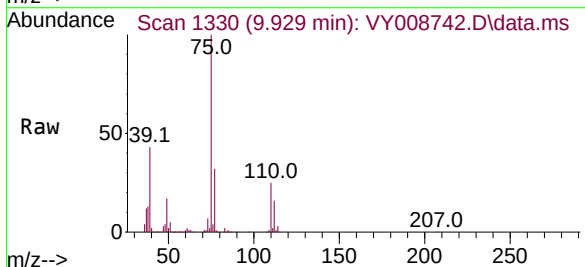
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

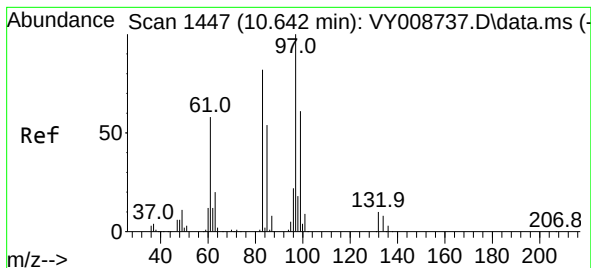
Tgt Ion: 75 Resp: 193725
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.339 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

Tgt Ion: 75 Resp: 205588
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 39 42.9 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 52.084 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 107131

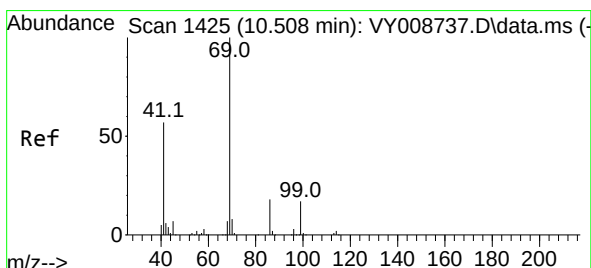
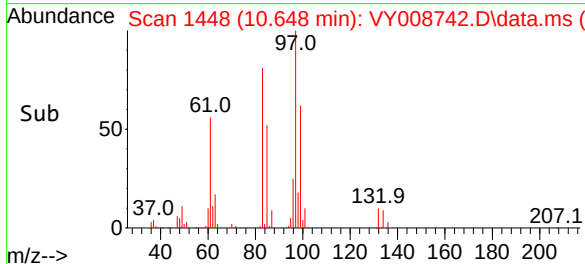
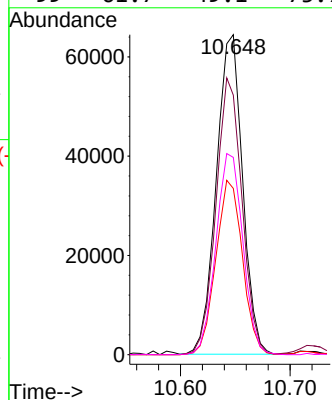
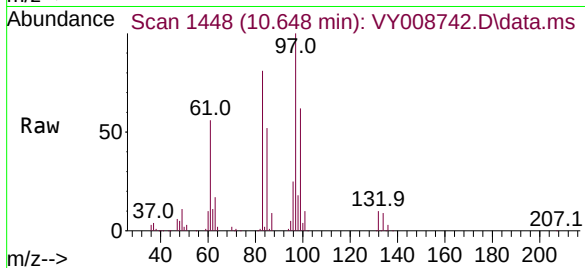
Ion Ratio Lower Upper

97 100

83 81.2 65.9 98.9

85 52.1 43.2 64.8

99 61.7 49.1 73.7



#56

Ethyl methacrylate

Concen: 54.751 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

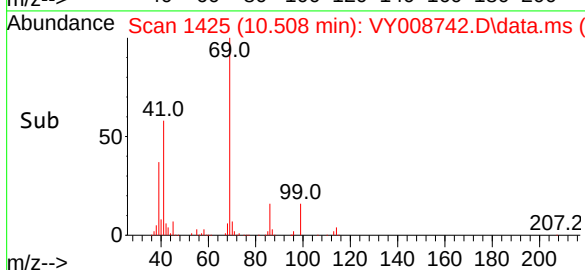
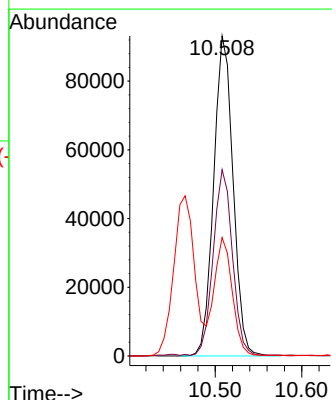
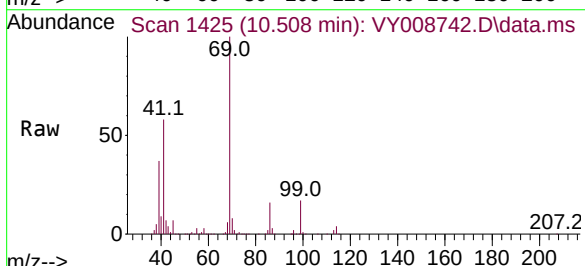
Tgt Ion: 69 Resp: 144951

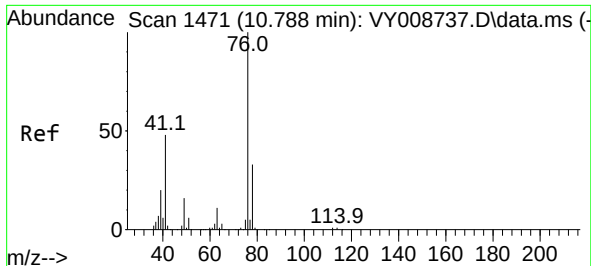
Ion Ratio Lower Upper

69 100

41 57.2 45.5 68.3

39 33.8 26.6 39.8





#57

1,3-Dichloropropane

Concen: 53.193 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

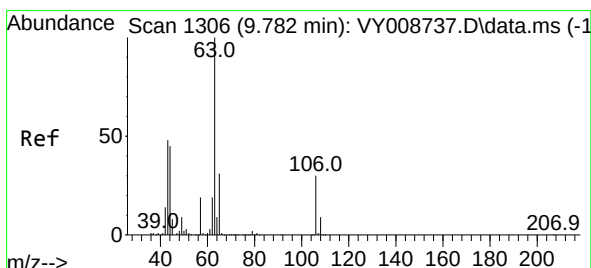
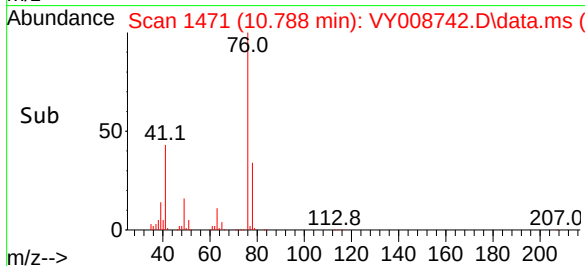
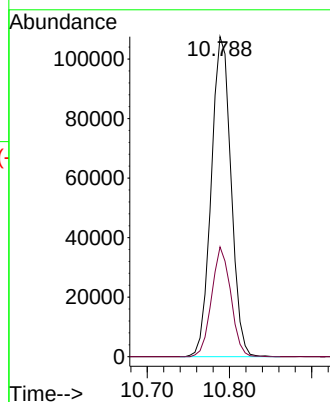
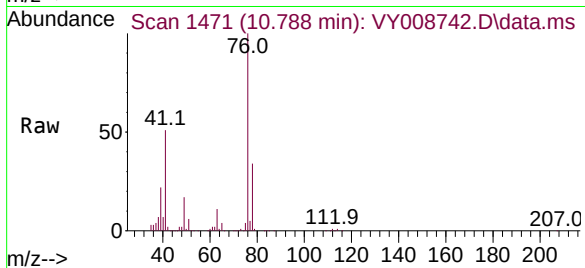
VSTDCCC050

Tgt Ion: 76 Resp: 179498

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.460 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008742.D

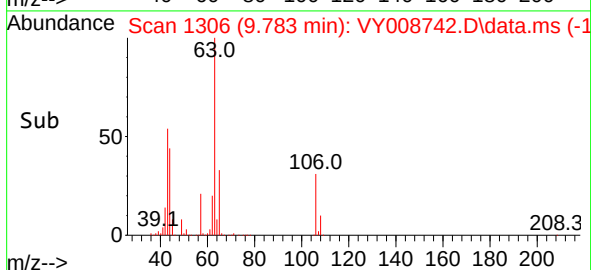
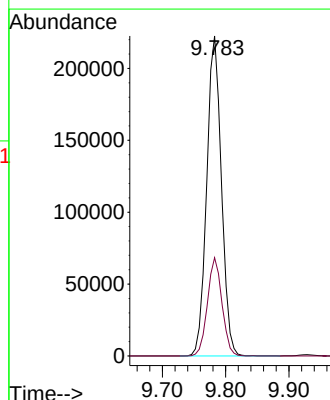
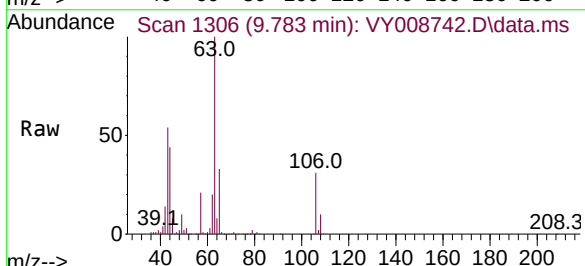
Acq: 13 May 2022 11:51

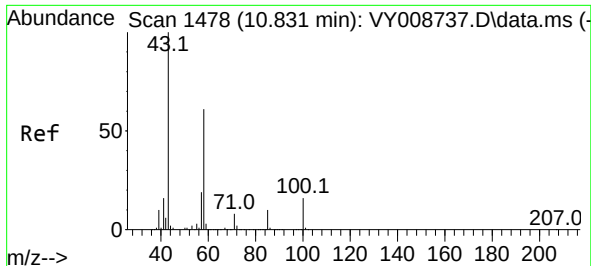
Tgt Ion: 63 Resp: 359736

Ion Ratio Lower Upper

63 100

106 30.3 23.5 35.3

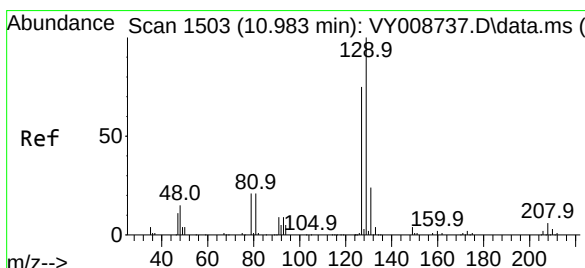
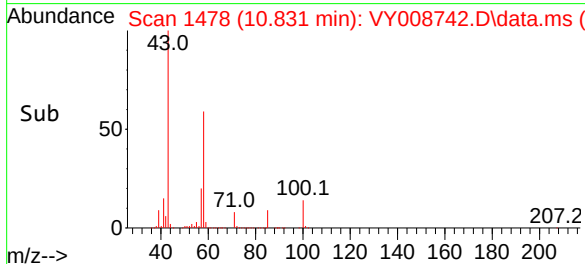
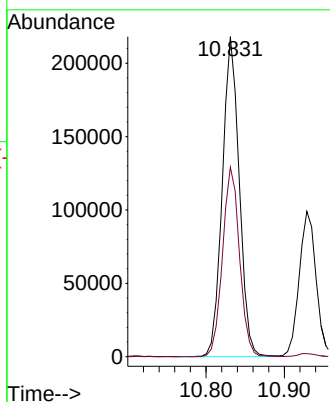
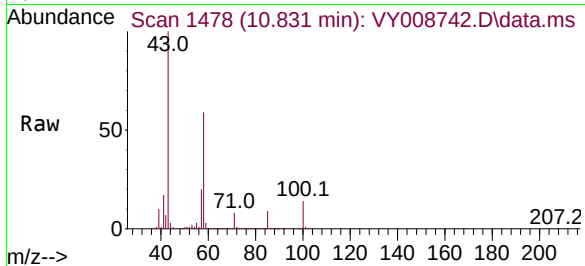




#59
2-Hexanone
Concen: 282.499 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

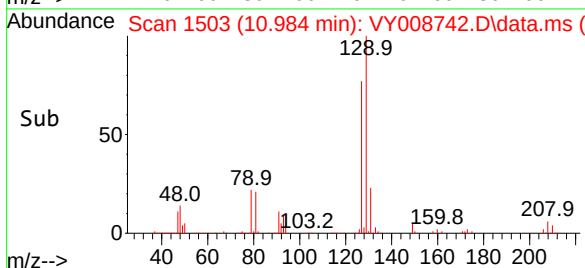
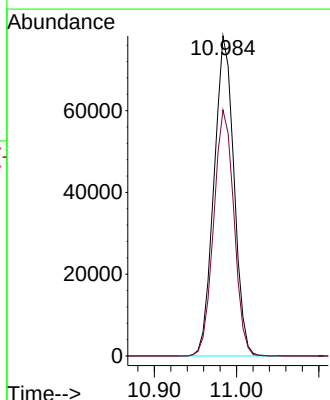
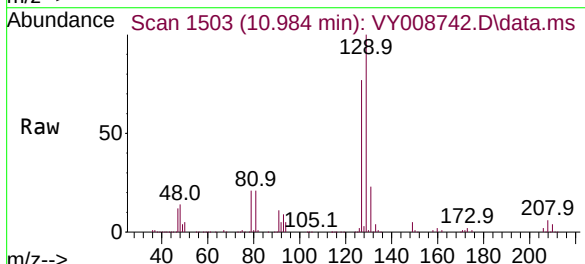
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

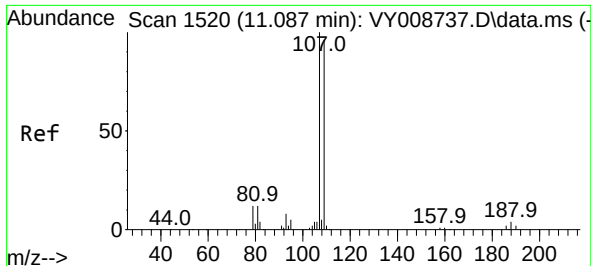
Tgt Ion: 43 Resp: 328032
Ion Ratio Lower Upper
43 100
58 59.4 29.6 88.8



#60
Dibromochloromethane
Concen: 53.588 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 129 Resp: 131878
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9

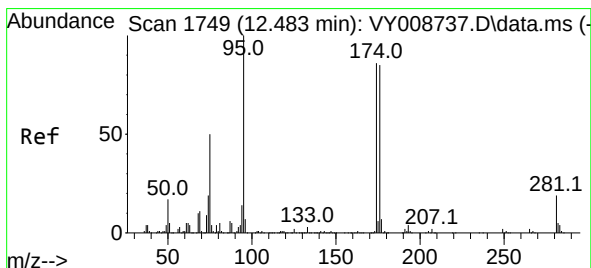
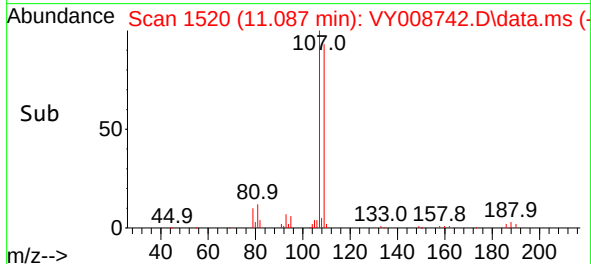
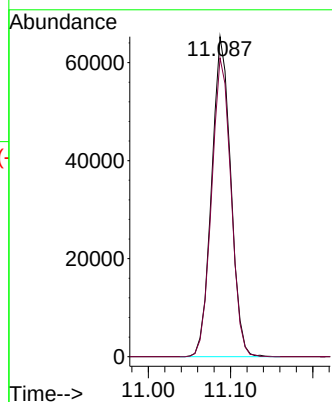
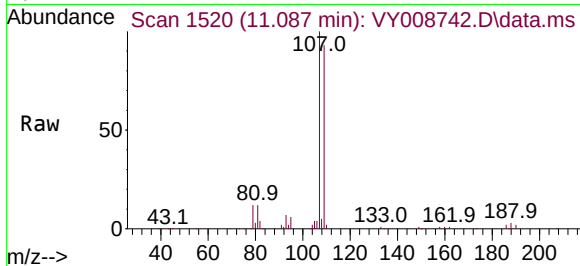




#61
1,2-Dibromoethane
Concen: 53.222 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

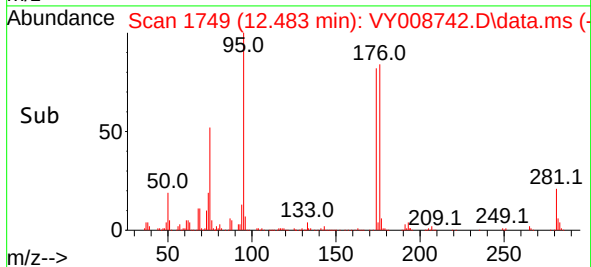
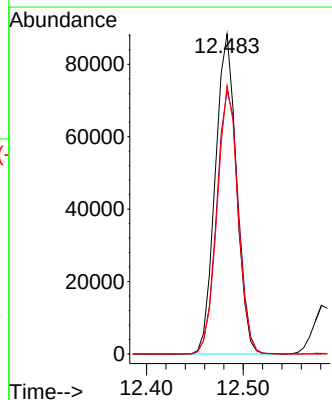
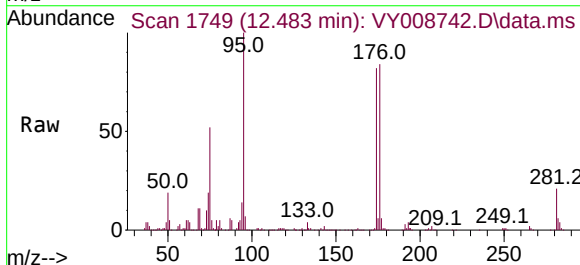
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

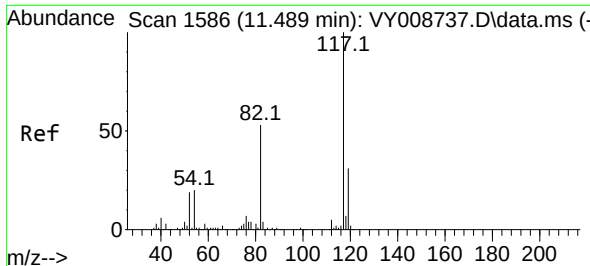
Tgt Ion:107 Resp: 105304
Ion Ratio Lower Upper
107 100
109 94.7 78.2 117.4



#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 95 Resp: 133805
Ion Ratio Lower Upper
95 100
174 85.4 0.0 171.2
176 82.4 0.0 168.8

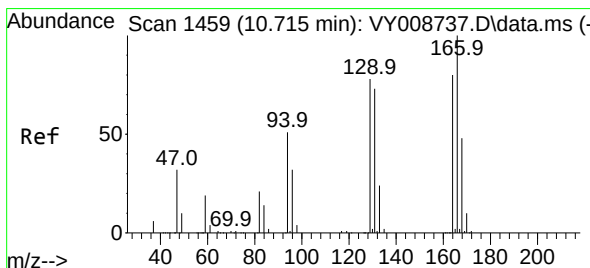
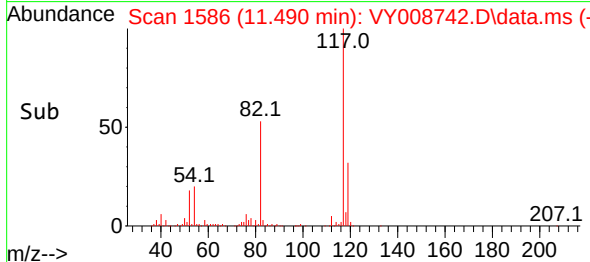
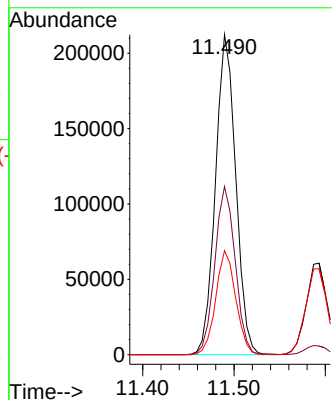
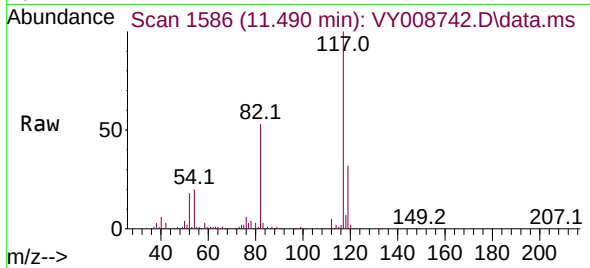




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

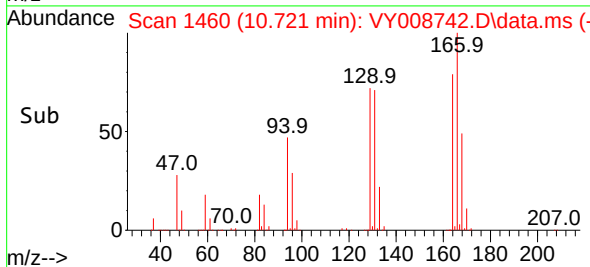
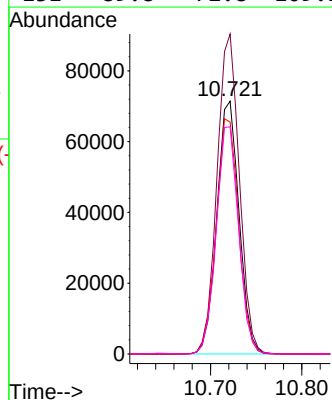
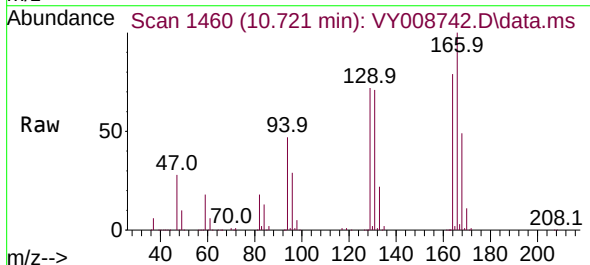
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

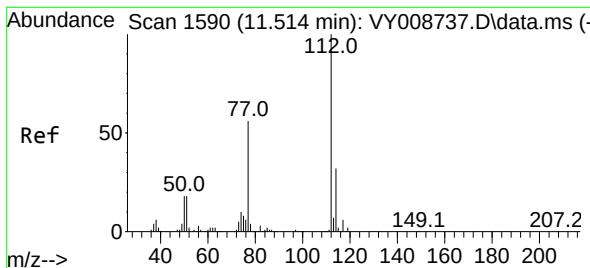
Tgt Ion:117 Resp: 328537
Ion Ratio Lower Upper
117 100
82 52.5 42.3 63.5
119 32.5 24.6 37.0



#64
Tetrachloroethene
Concen: 48.947 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:164 Resp: 120759
Ion Ratio Lower Upper
164 100
166 126.5 99.8 149.6
129 91.7 78.1 117.1
131 89.8 72.8 109.2





#65

Chlorobenzene

Concen: 52.748 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

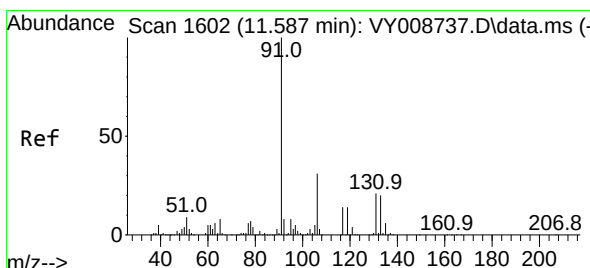
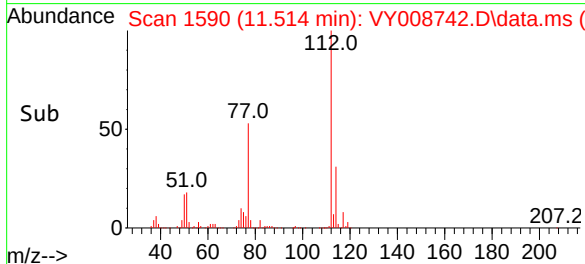
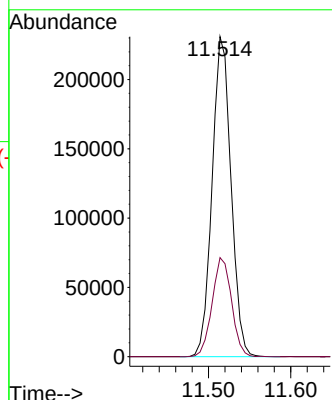
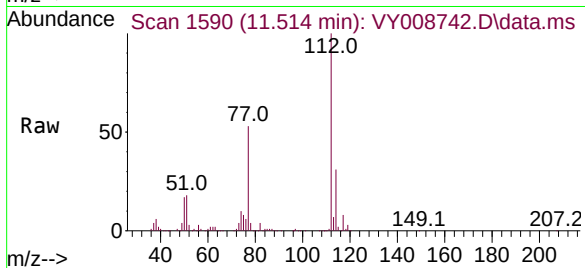
VSTDCCC050

Tgt Ion:112 Resp: 368574

Ion Ratio Lower Upper

112 100

114 31.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 53.959 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

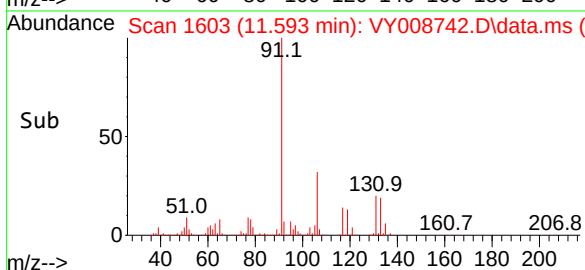
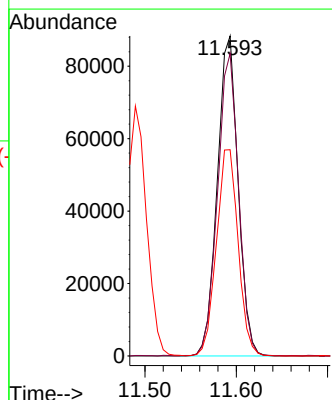
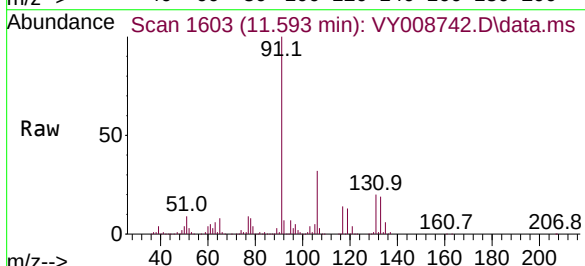
Tgt Ion:131 Resp: 140002

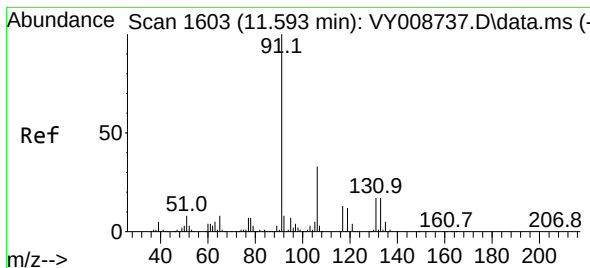
Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.3

119 67.3 33.1 99.3





#67

Ethyl Benzene

Concen: 53.260 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

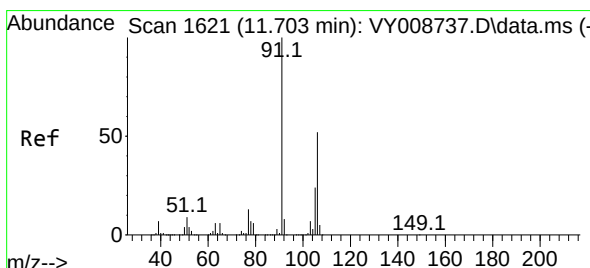
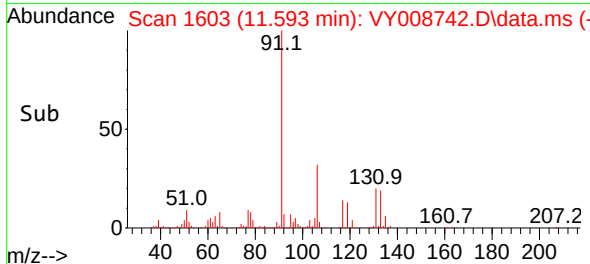
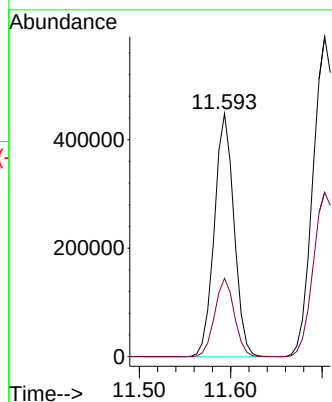
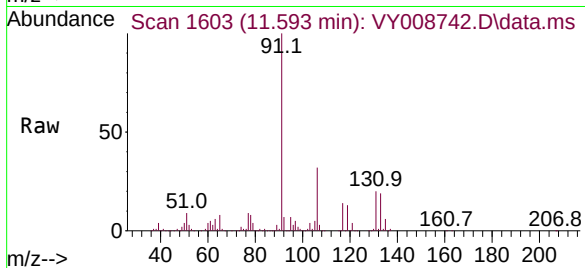
VSTDCCC050

Tgt Ion: 91 Resp: 668164

Ion Ratio Lower Upper

91 100

106 32.3 26.3 39.5



#68

m/p-Xylenes

Concen: 108.646 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008742.D

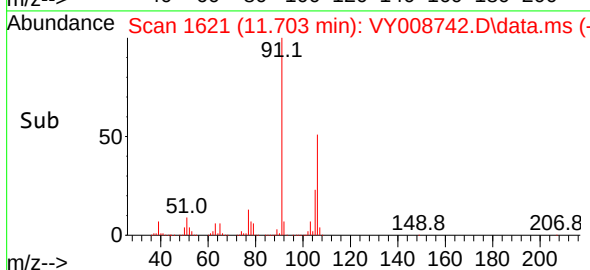
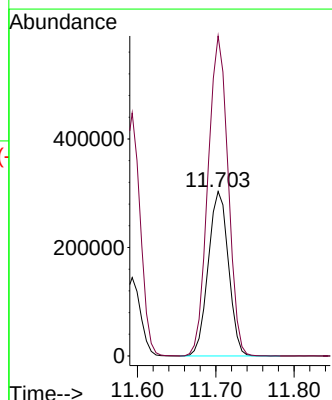
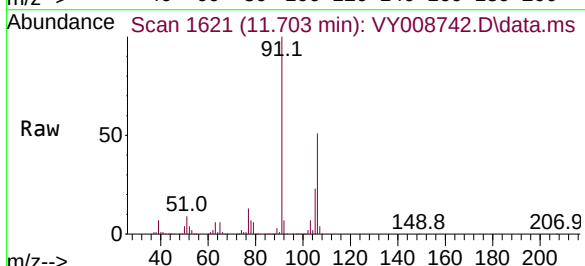
Acq: 13 May 2022 11:51

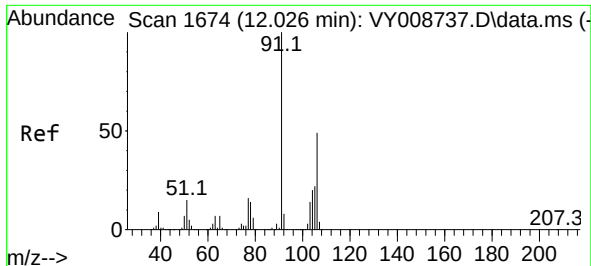
Tgt Ion:106 Resp: 543499

Ion Ratio Lower Upper

106 100

91 193.6 156.4 234.6

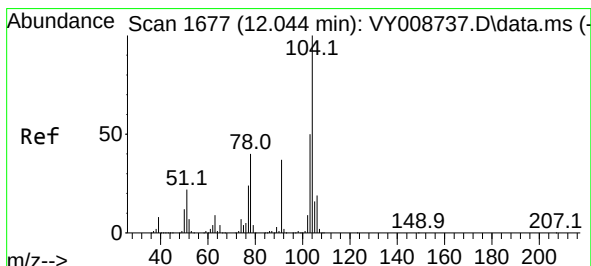
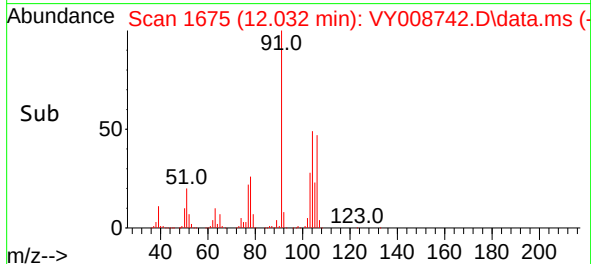
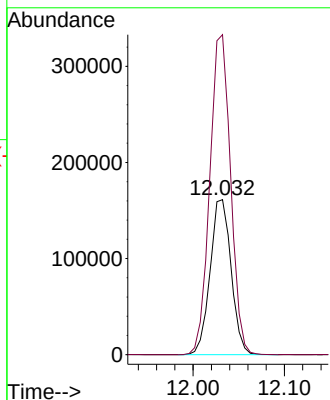
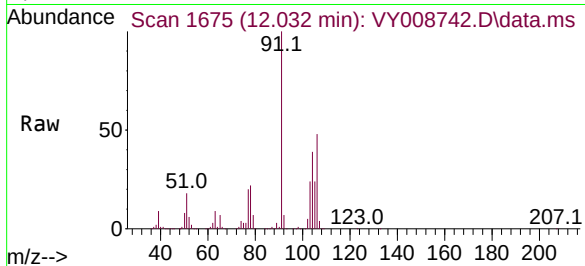




#69
o-Xylene
Concen: 54.754 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

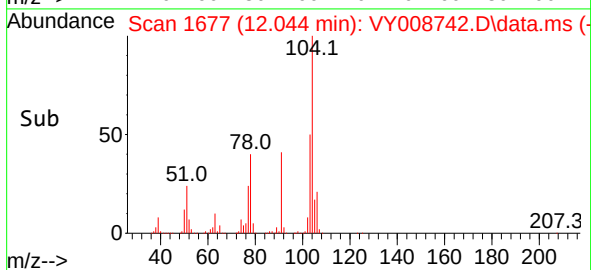
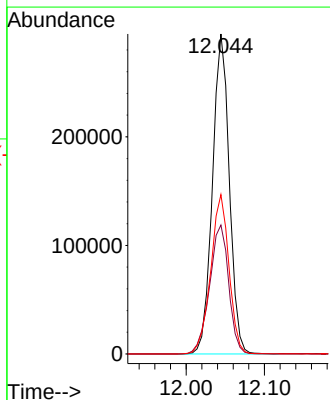
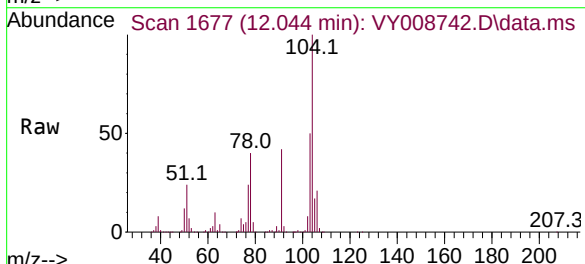
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

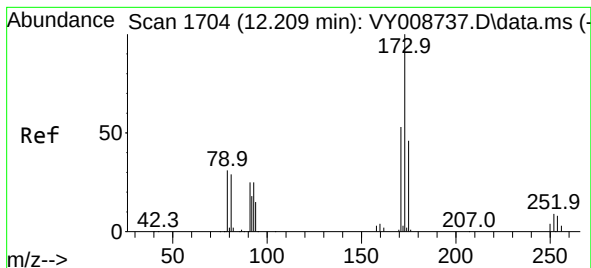
Tgt Ion:106 Resp: 257562
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1



#70
Styrene
Concen: 56.324 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:104 Resp: 441080
Ion Ratio Lower Upper
104 100
78 45.6 35.9 53.9
103 54.0 43.1 64.7





#71

Bromoform

Concen: 54.619 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

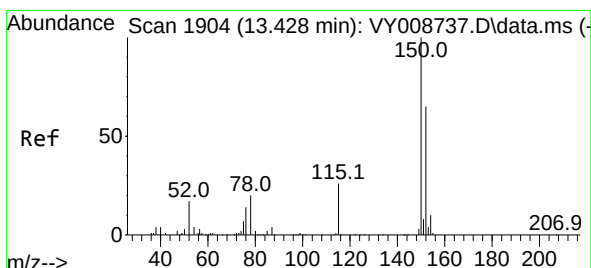
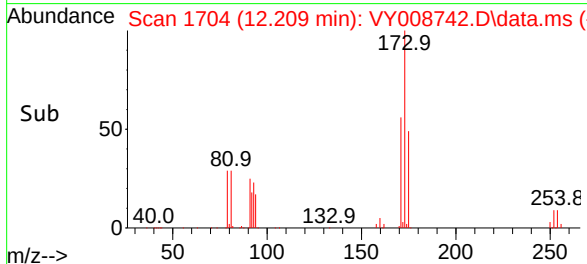
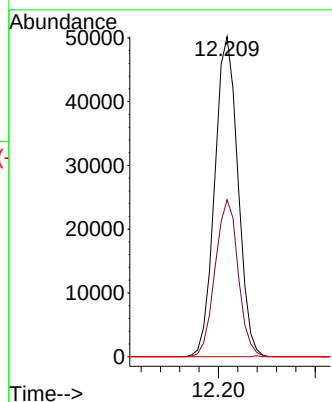
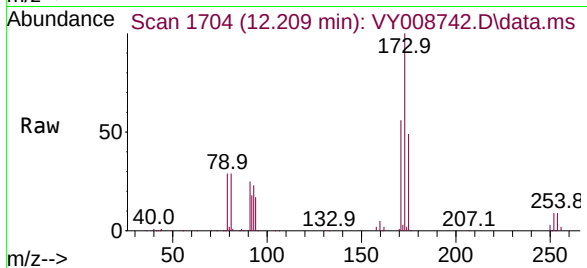
Tgt Ion:173 Resp: 83405

Ion Ratio Lower Upper

173 100

175 48.7 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

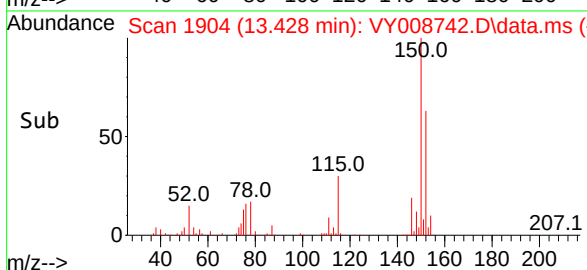
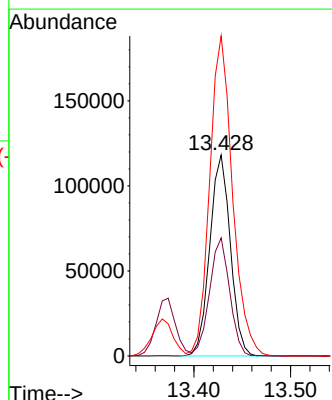
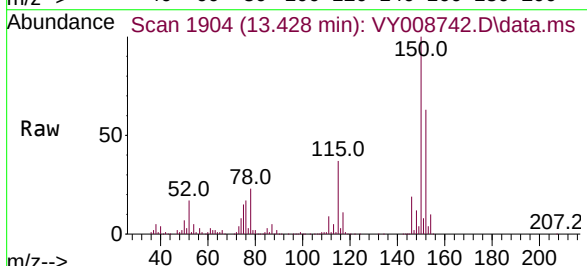
Tgt Ion:152 Resp: 174942

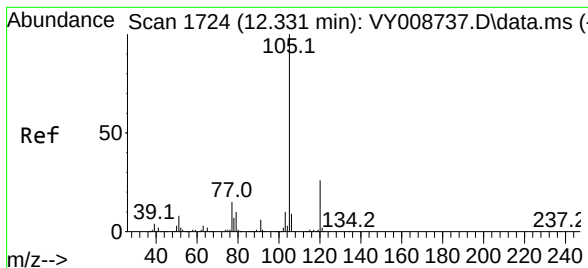
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 176.4 0.0 348.2





#73

Isopropylbenzene

Concen: 51.008 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

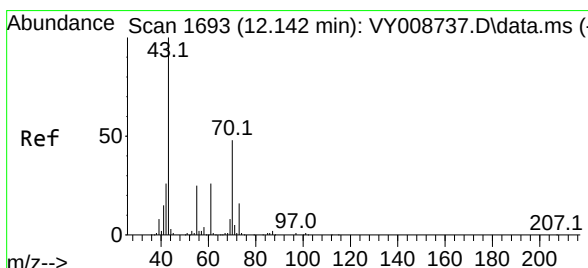
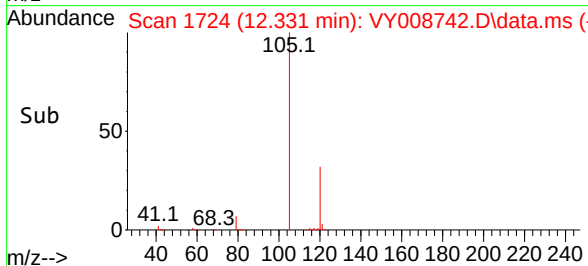
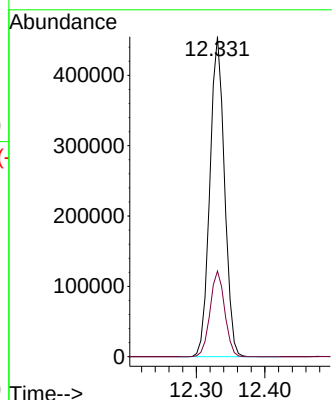
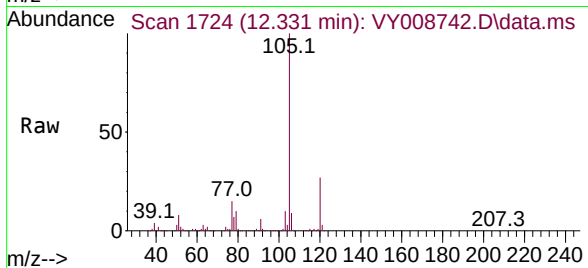
VSTDCCC050

Tgt Ion:105 Resp: 675033

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 53.804 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Tgt Ion: 43 Resp: 164612

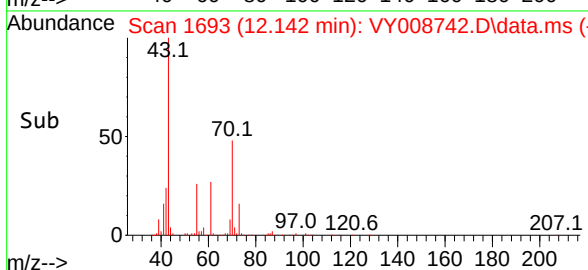
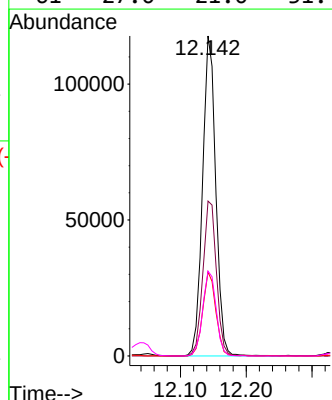
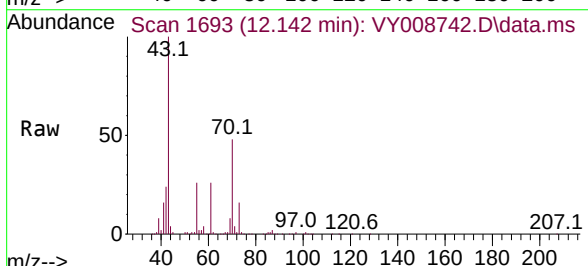
Ion Ratio Lower Upper

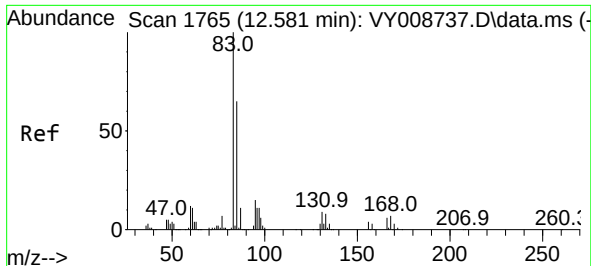
43 100

70 49.6 39.0 58.4

55 26.0 20.2 30.4

61 27.0 21.0 31.4

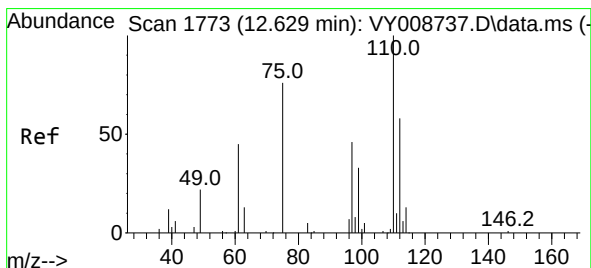
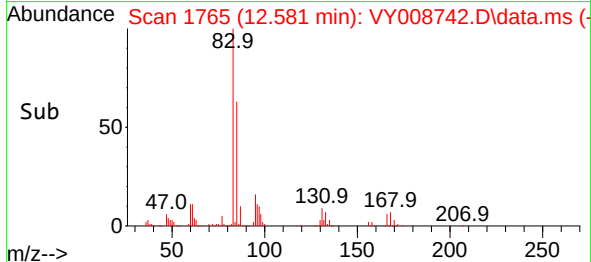
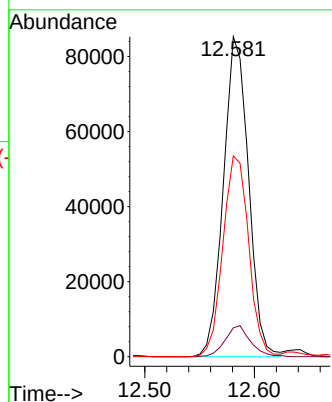
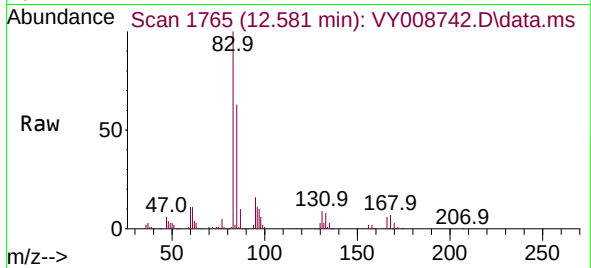




#75
1,1,2,2-Tetrachloroethane
Concen: 49.971 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

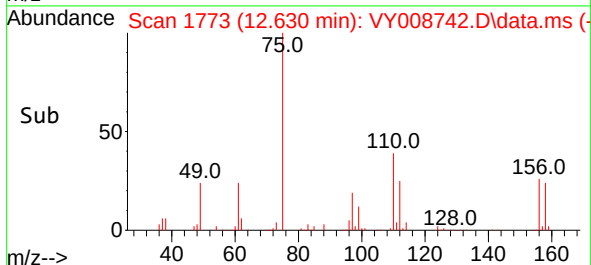
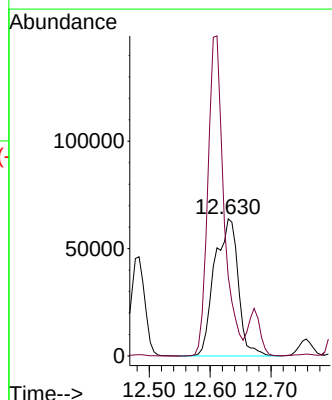
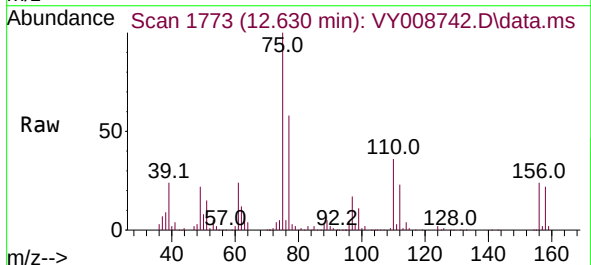
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

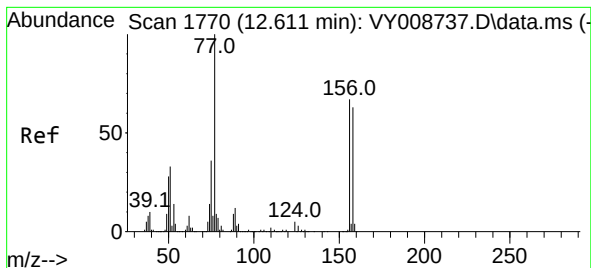
Tgt Ion: 83 Resp: 135845
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 97.897 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 75 Resp: 172339
Ion Ratio Lower Upper
75 100
77 159.1 0.0 0.0#





#77

Bromobenzene

Concen: 49.726 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

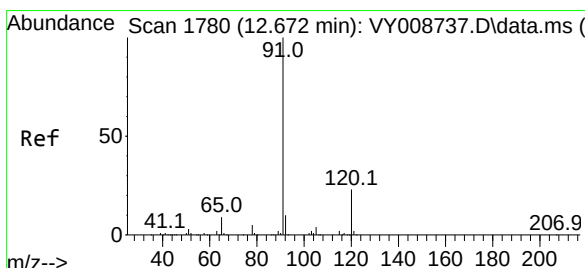
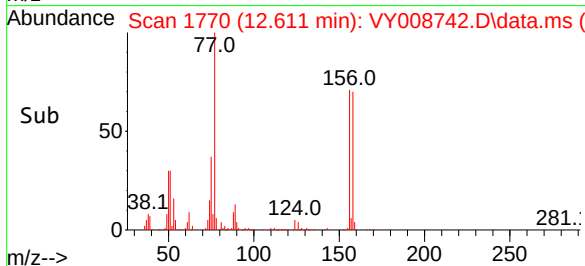
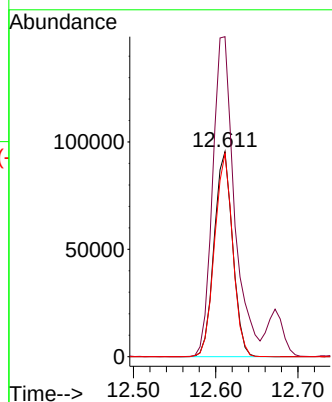
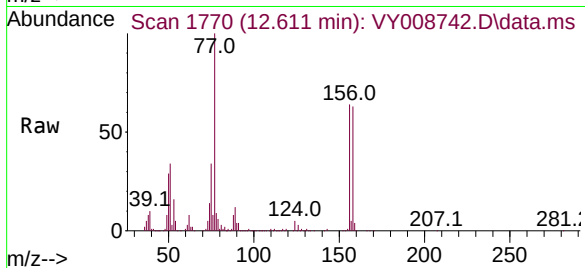
Tgt Ion:156 Resp: 149003

Ion Ratio Lower Upper

156 100

77 184.0 91.1 273.3

158 97.2 48.2 144.6



#78

n-propylbenzene

Concen: 50.823 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008742.D

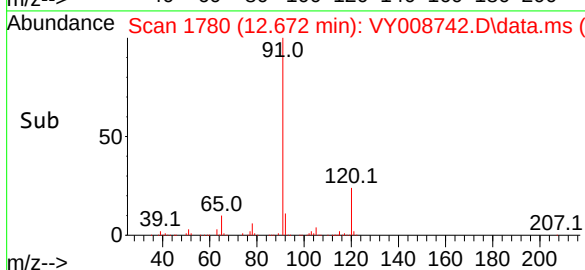
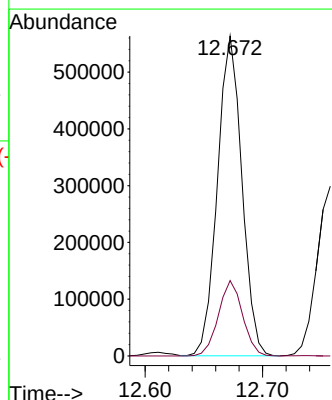
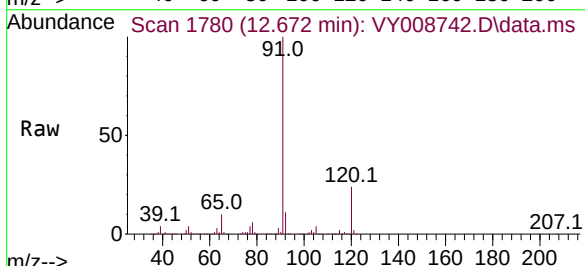
Acq: 13 May 2022 11:51

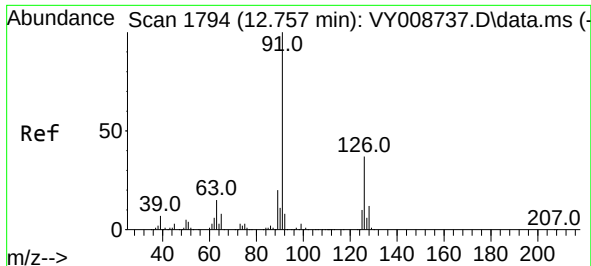
Tgt Ion: 91 Resp: 814640

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

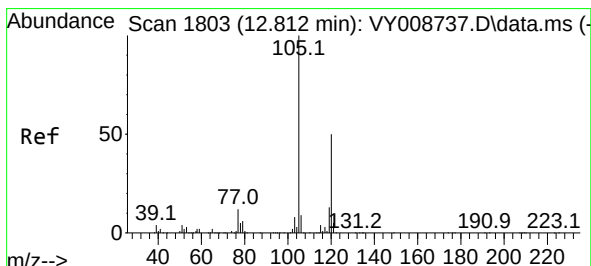
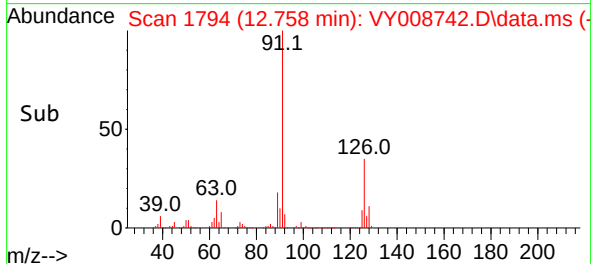
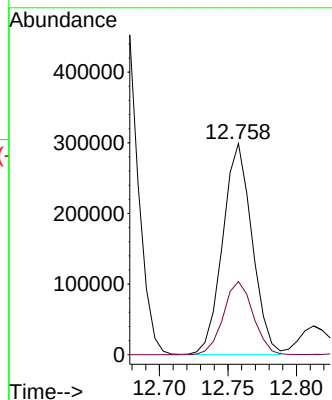
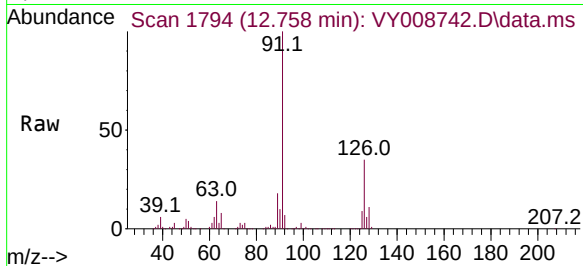




#79
2-Chlorotoluene
Concen: 51.694 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

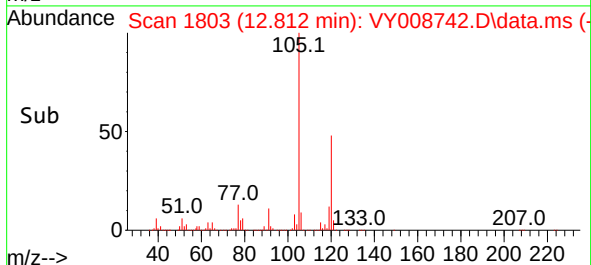
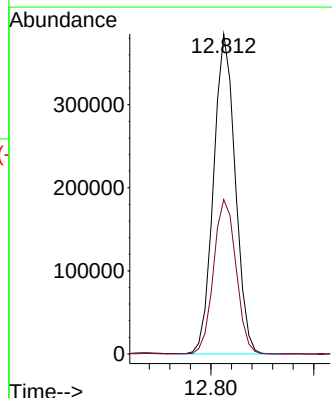
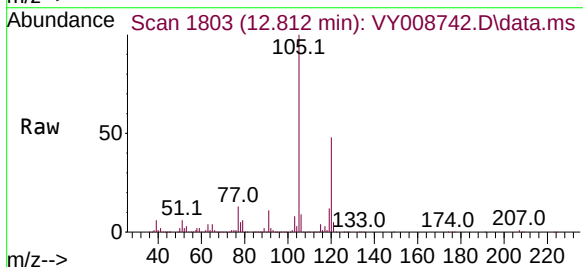
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

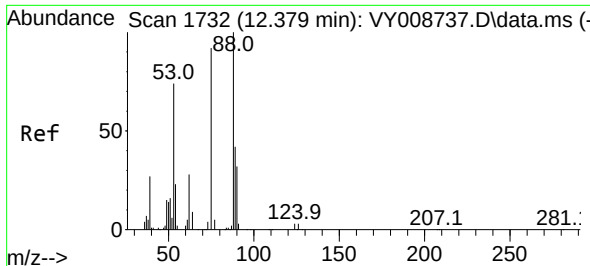
Tgt Ion: 91 Resp: 446131
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 52.225 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 105 Resp: 563566
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.4

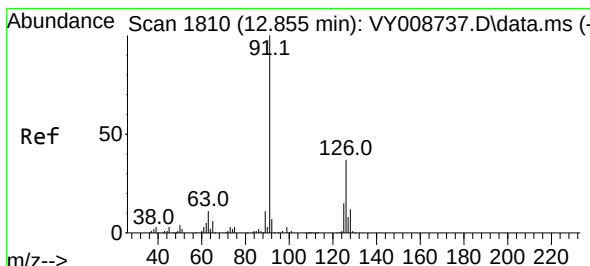
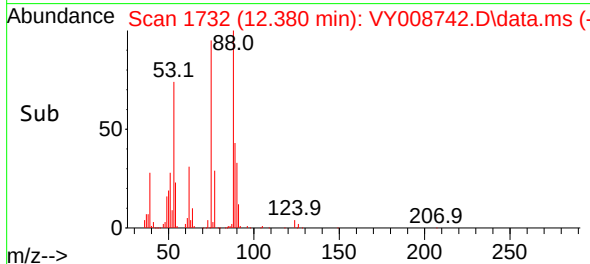
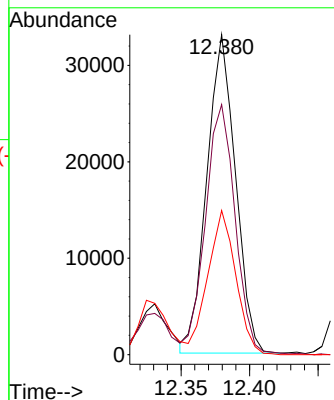
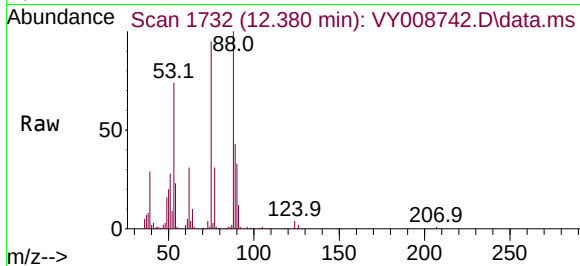




#81
trans-1,4-Dichloro-2-butene
Concen: 52.797 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

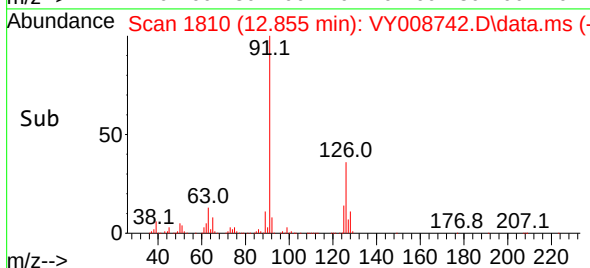
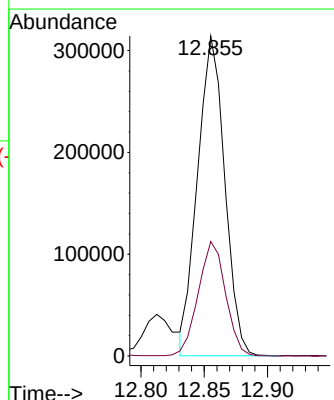
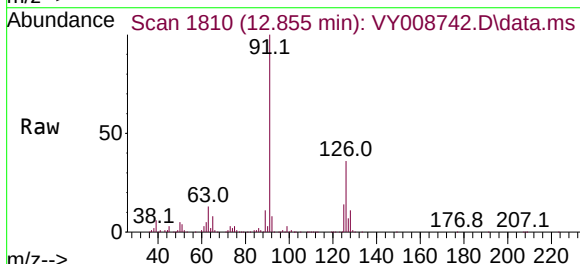
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

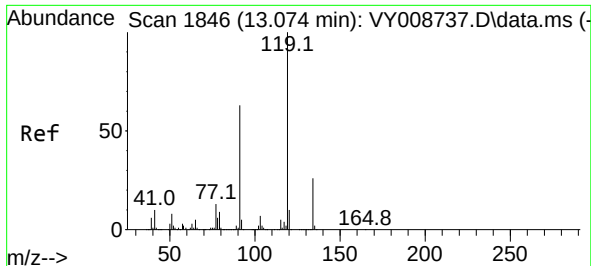
Tgt Ion: 75 Resp: 48110
Ion Ratio Lower Upper
75 100
53 81.8 66.3 99.5
89 44.1 36.8 55.2



#82
4-Chlorotoluene
Concen: 51.672 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 91 Resp: 469503
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8

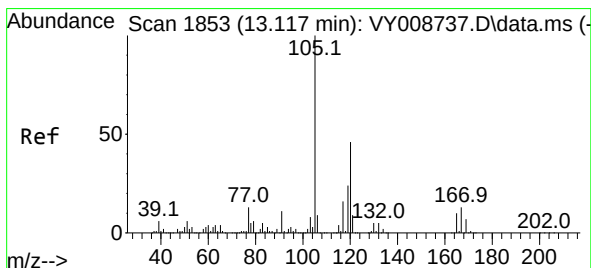
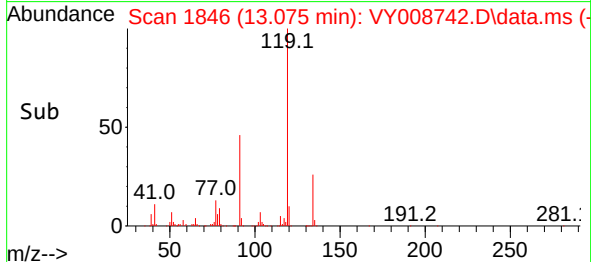
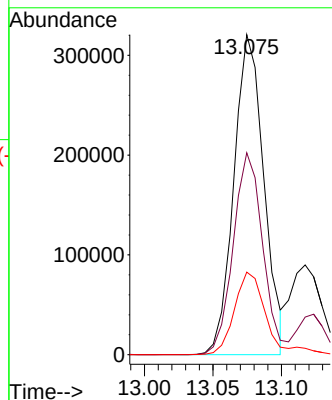
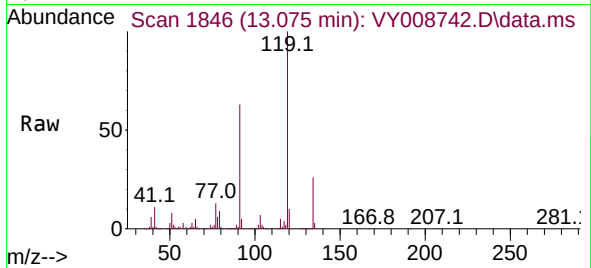




#83
tert-Butylbenzene
Concen: 51.081 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

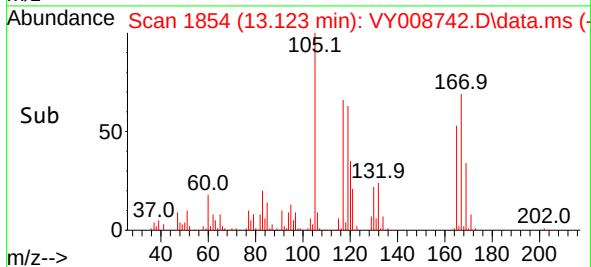
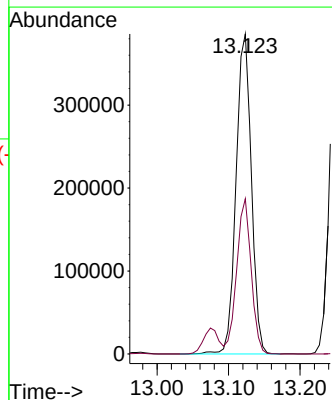
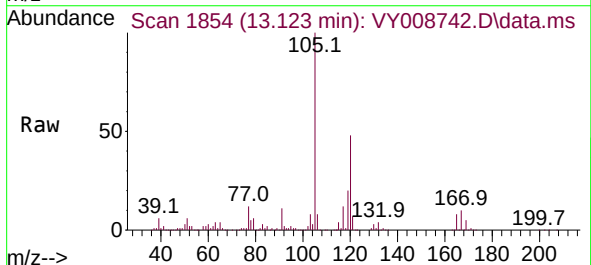
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

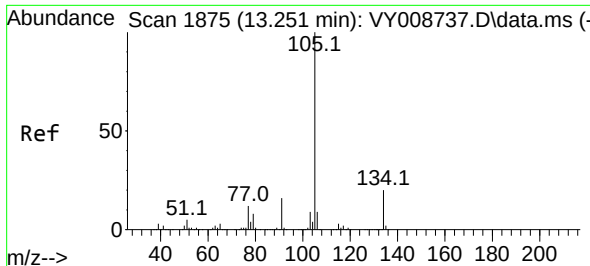
Tgt Ion:119 Resp: 489732
Ion Ratio Lower Upper
119 100
91 62.4 31.2 93.6
134 27.3 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 53.329 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:105 Resp: 571985
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

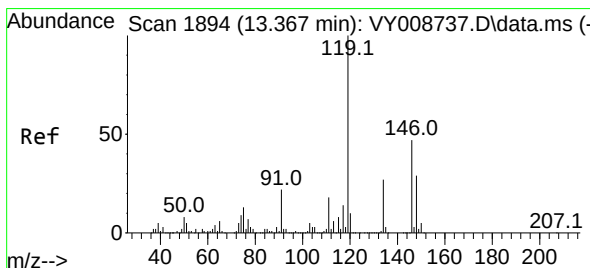
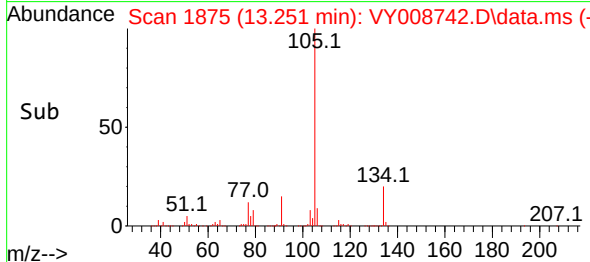
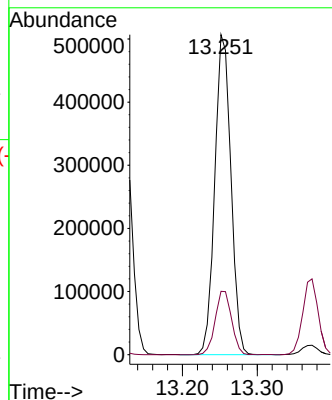
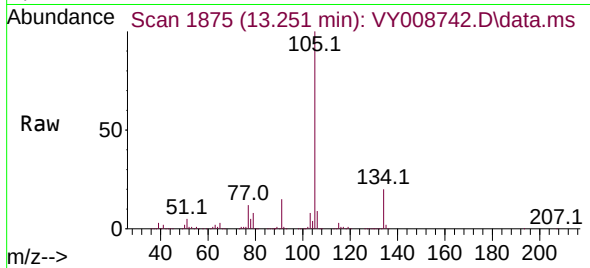




#85
 sec-Butylbenzene
 Concen: 52.174 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

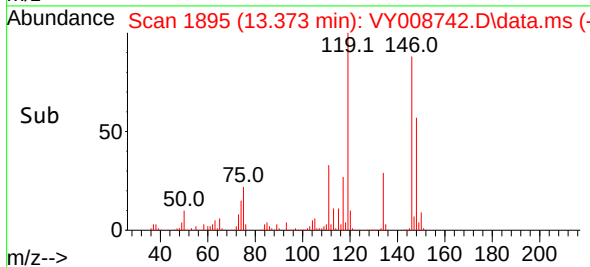
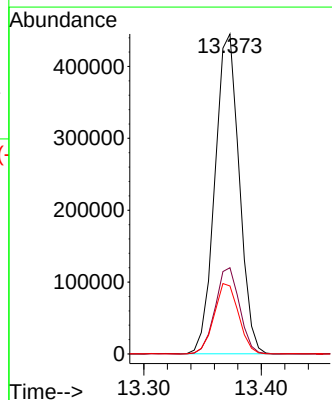
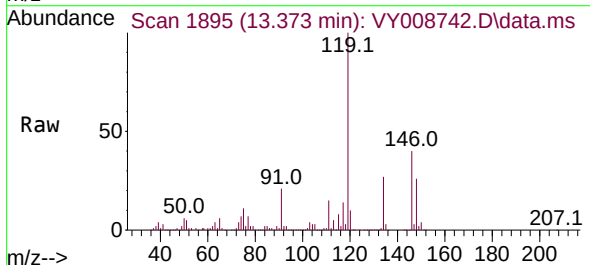
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

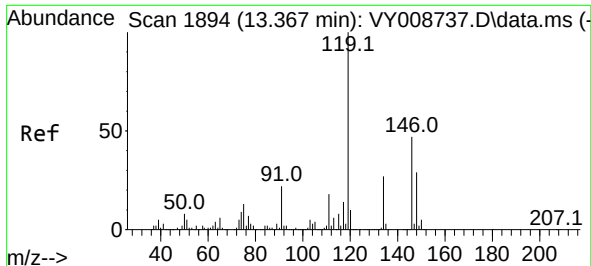
Tgt Ion:105 Resp: 759007
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.660 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008742.D
 Acq: 13 May 2022 11:51

Tgt Ion:119 Resp: 639409
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.967 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

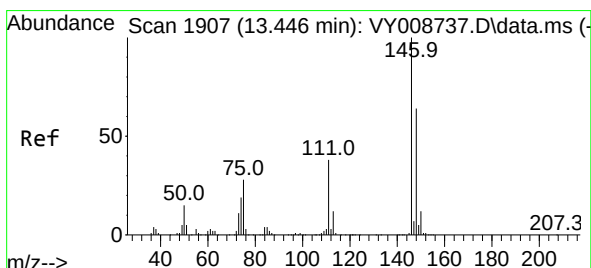
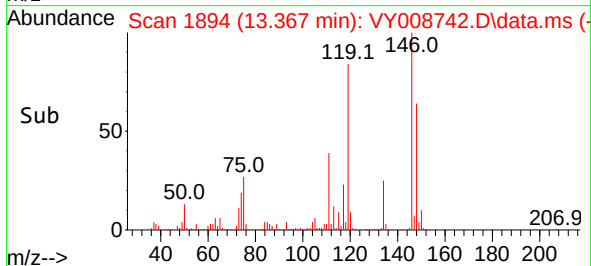
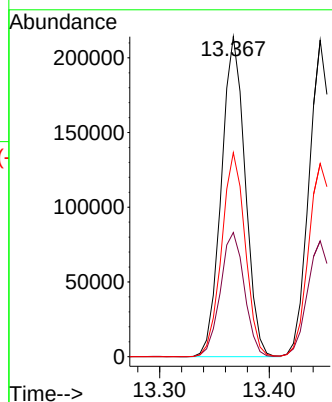
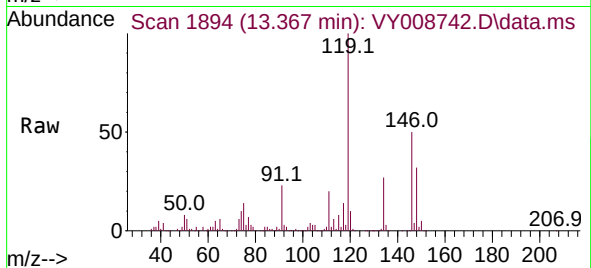
Tgt Ion:146 Resp: 323497

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 63.0 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 51.740 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

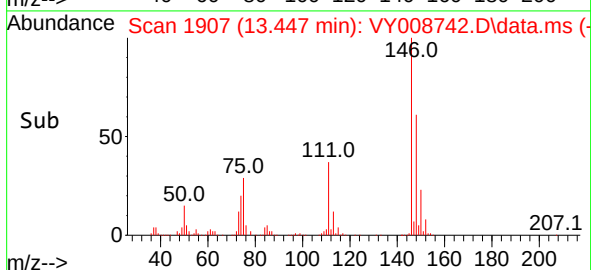
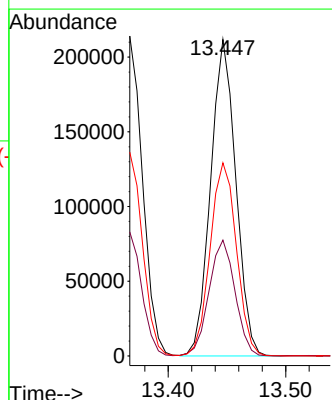
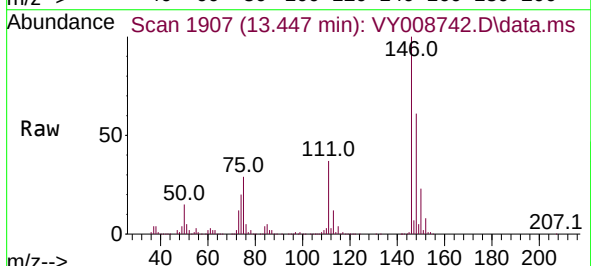
Tgt Ion:146 Resp: 316110

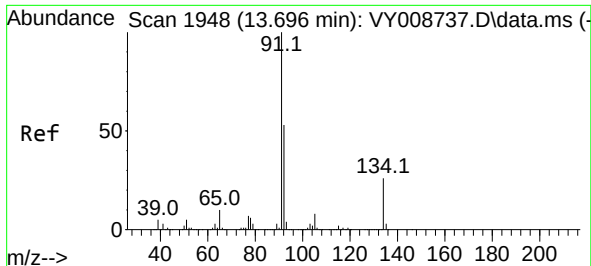
Ion Ratio Lower Upper

146 100

111 37.8 19.0 57.0

148 63.8 32.0 96.0

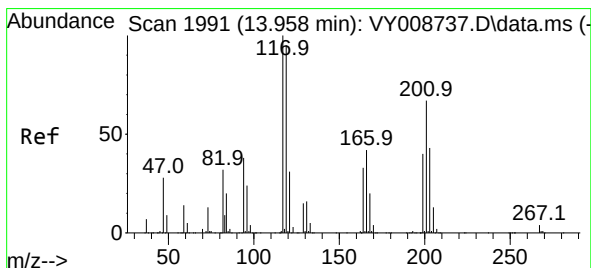
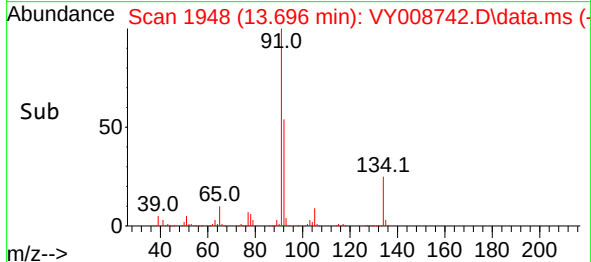
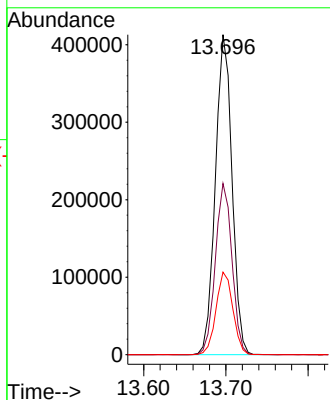
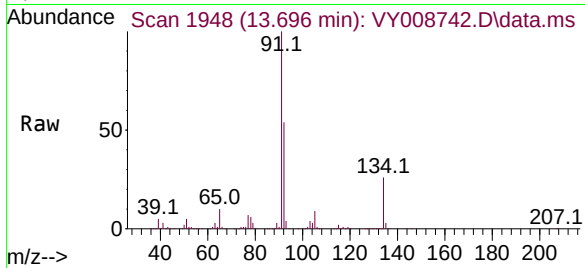




#89
n-Butylbenzene
Concen: 51.160 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

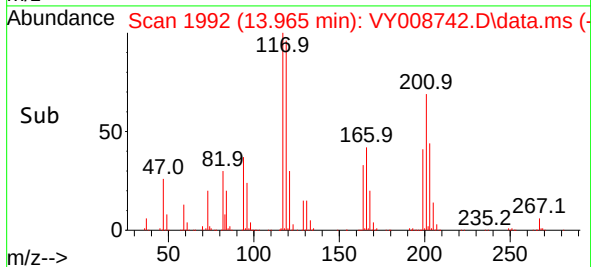
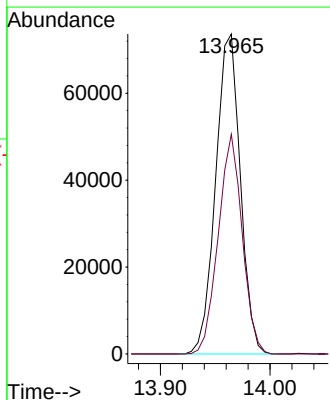
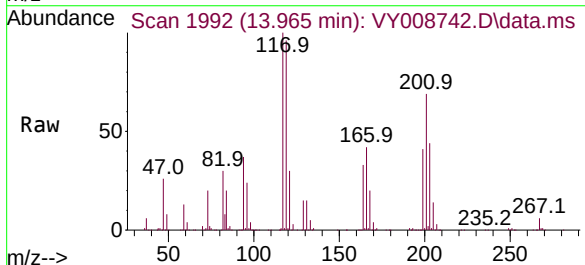
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

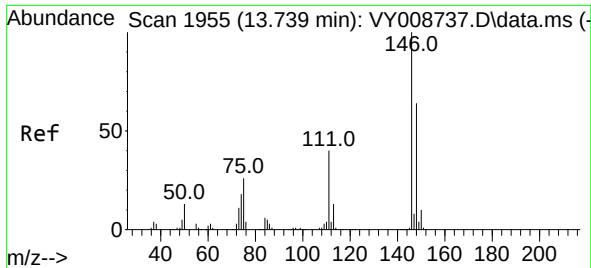
Tgt Ion: 91 Resp: 580984
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.2
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 51.485 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 117 Resp: 115329
Ion Ratio Lower Upper
117 100
201 66.6 34.4 103.1

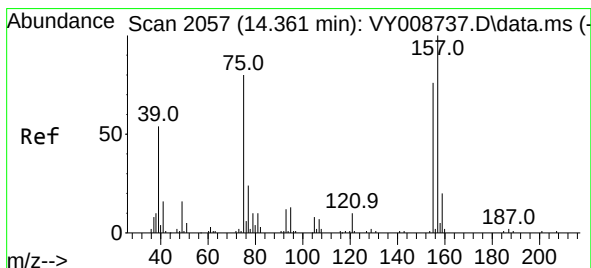
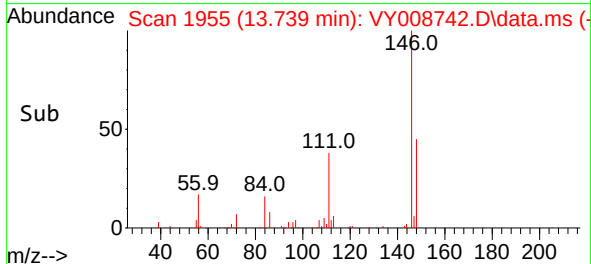
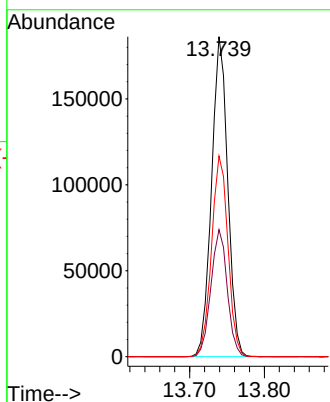
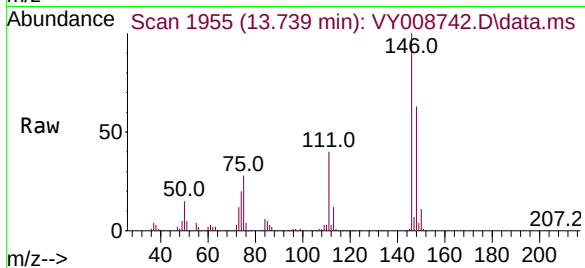




#91
1,2-Dichlorobenzene
Concen: 51.863 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

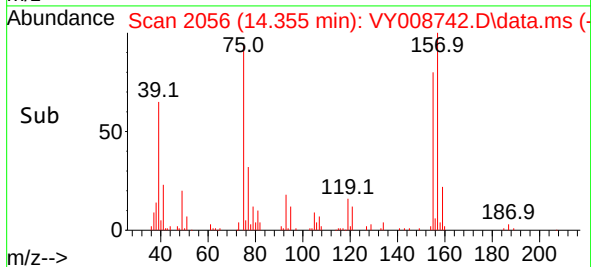
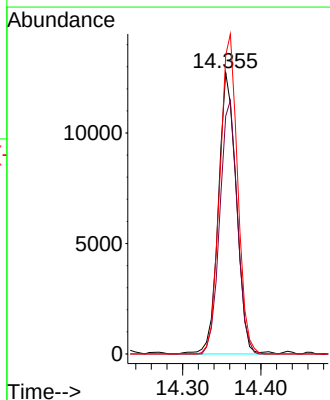
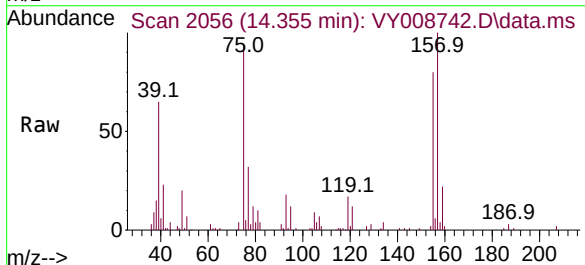
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

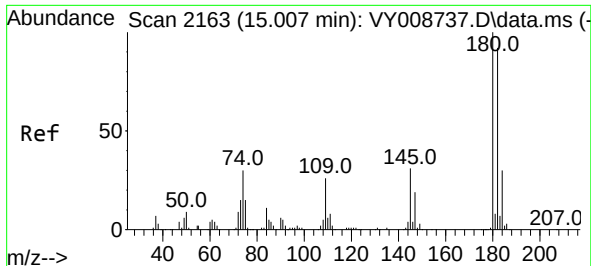
Tgt Ion:146 Resp: 279634
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.8 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.190 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion: 75 Resp: 20256
Ion Ratio Lower Upper
75 100
155 88.3 44.7 134.1
157 112.4 60.5 181.4

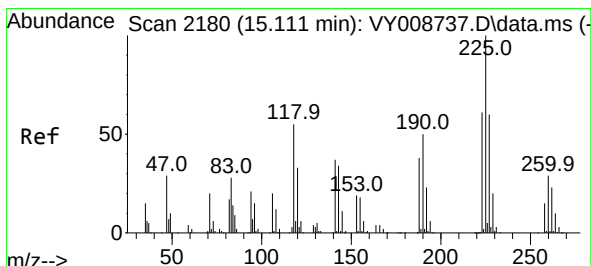
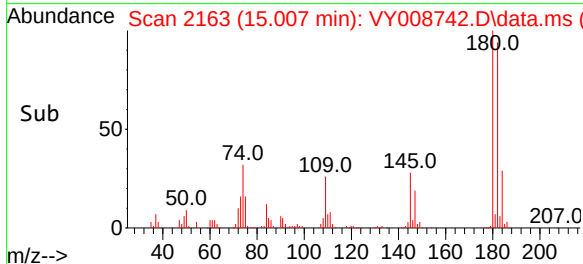
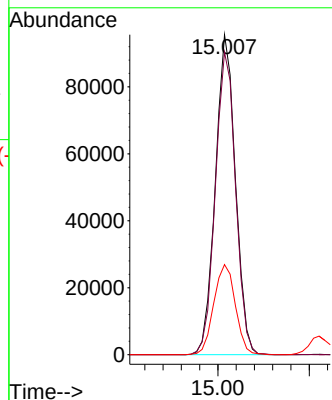
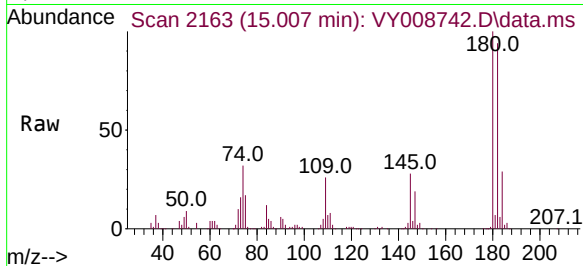




#93
1,2,4-Trichlorobenzene
Concen: 48.602 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

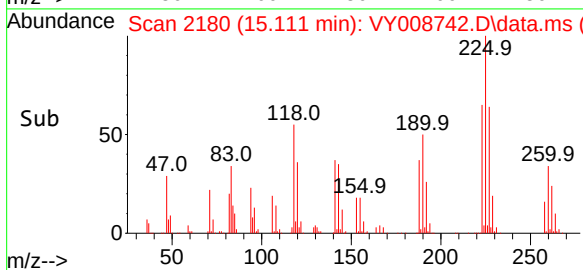
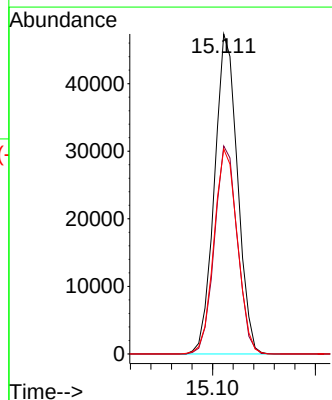
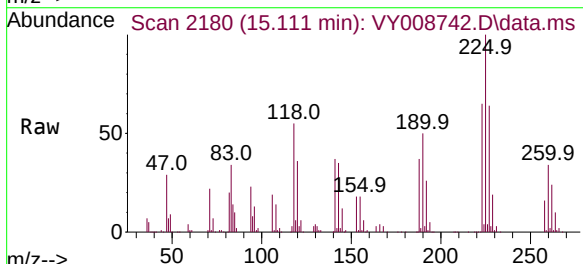
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

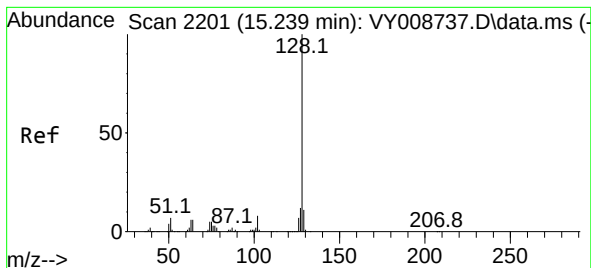
Tgt Ion:180 Resp: 145525
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 30.3 15.0 45.0



#94
Hexachlorobutadiene
Concen: 46.703 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008742.D
Acq: 13 May 2022 11:51

Tgt Ion:225 Resp: 73621
Ion Ratio Lower Upper
225 100
223 64.4 31.5 94.5
227 65.2 31.2 93.6





#95

Naphthalene

Concen: 50.295 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

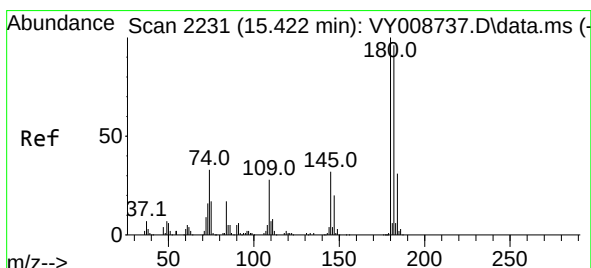
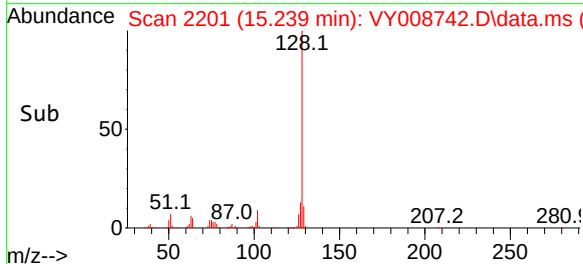
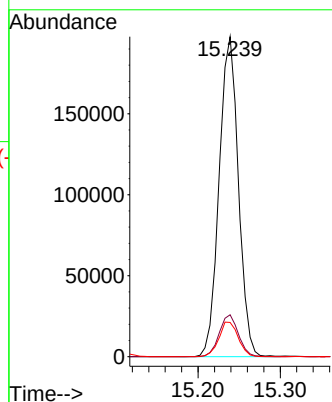
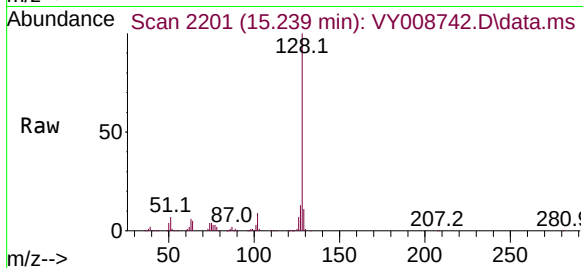
Tgt Ion:128 Resp: 321856

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.778 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008742.D

Acq: 13 May 2022 11:51

Tgt Ion:180 Resp: 126660

Ion Ratio Lower Upper

180 100

182 96.9 46.9 140.7

145 32.5 15.6 46.8

