

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010002.D
 Acq On : 14 Aug 2022 16:28
 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: Aug 15 00:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	104500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	169460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50747	47.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.710	113	54632	52.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.179	98	209173	52.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.477	95	74745	51.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	44525	47.461	ug/l	99
3) Chloromethane	2.107	50	30370	44.073	ug/l	97
4) Vinyl Chloride	2.247	62	33549	46.207	ug/l	98
5) Bromomethane	2.644	94	26010	51.236	ug/l	100
6) Chloroethane	2.784	64	21165	44.092	ug/l	95
7) Trichlorofluoromethane	3.119	101	83023	46.159	ug/l	100
8) Diethyl Ether	3.521	74	30490	45.033	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	53383	46.187	ug/l	96
10) Methyl Iodide	4.082	142	67102	48.532	ug/l	98
11) Tert butyl alcohol	4.942	59	20646	196.177	ug/l	97
12) 1,1-Dichloroethene	3.863	96	50957	45.409	ug/l	89
13) Acrolein	3.716	56	24632	180.590	ug/l	99
14) Allyl chloride	4.466	41	65113	41.619	ug/l #	93
15) Acrylonitrile	5.155	53	70036	216.117	ug/l	98
16) Acetone	3.936	43	66411	260.853	ug/l #	84
17) Carbon Disulfide	4.180	76	168330	46.091	ug/l	100
18) Methyl Acetate	4.466	43	29371	41.439	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	128777	46.963	ug/l	93
20) Methylene Chloride	4.704	84	66089	49.672	ug/l #	85
21) trans-1,2-Dichloroethene	5.204	96	60212	48.282	ug/l	93
22) Diisopropyl ether	6.106	45	136372	43.115	ug/l #	95
23) Vinyl Acetate	6.045	43	430070	220.054	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	92983	46.068	ug/l	98
25) 2-Butanone	6.978	43	83516	211.404	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	82807	46.288	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	64962	48.491	ug/l	91
28) Bromochloromethane	7.326	49	35966	44.614	ug/l #	73
29) Tetrahydrofuran	7.338	42	49861	199.707	ug/l #	82
30) Chloroform	7.496	83	101322	48.547	ug/l	98
31) Cyclohexane	7.777	56	81928	43.178	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	87840	49.531	ug/l	98
36) 1,1-Dichloropropene	7.911	75	76241	49.365	ug/l	98
37) Ethyl Acetate	7.063	43	33784	40.531	ug/l #	93
38) Carbon Tetrachloride	7.893	117	80771	52.406	ug/l	98
39) Methylcyclohexane	9.179	83	93887	50.486	ug/l	98
40) Benzene	8.155	78	230124	49.237	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010002.D
 Acq On : 14 Aug 2022 16:28
 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: Aug 15 00:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	46302	104.580	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	59933	49.503	ug/l	97
43) Isopropyl Acetate	8.264	43	61527	42.525	ug/l #	89
44) Trichloroethene	8.935	130	64607	51.046	ug/l	94
45) 1,2-Dichloropropane	9.209	63	53102	47.352	ug/l	97
46) Dibromomethane	9.301	93	33786	50.042	ug/l	99
47) Bromodichloromethane	9.490	83	75775	50.484	ug/l	97
48) Methyl methacrylate	9.289	41	27922	43.983	ug/l #	87
49) 1,4-Dioxane	9.289	88	7975	945.536	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	168487	214.789	ug/l	92
52) Toluene	10.240	92	145013	51.522	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	76167	49.377	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	90271	50.612	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	47467	49.158	ug/l	98
56) Ethyl methacrylate	10.508	69	59285	49.657	ug/l	88
57) 1,3-Dichloropropane	10.788	76	76324	48.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	109945	210.393	ug/l	94
59) 2-Hexanone	10.831	43	125083	231.084	ug/l	90
60) Dibromochloromethane	10.983	129	56802	51.507	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46719	50.517	ug/l	100
64) Tetrachloroethene	10.715	164	58139	52.015	ug/l	96
65) Chlorobenzene	11.514	112	157691	50.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	56901	51.433	ug/l	97
67) Ethyl Benzene	11.593	91	271280	51.953	ug/l	98
68) m/p-Xylenes	11.703	106	211911	104.843	ug/l	95
69) o-Xylene	12.026	106	99708	52.016	ug/l	97
70) Styrene	12.044	104	172158	52.725	ug/l	99
71) Bromoform	12.209	173	35082	50.198	ug/l #	100
73) Isopropylbenzene	12.331	105	262201	51.926	ug/l	99
74) N-amyl acetate	12.142	43	56352	43.626	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	53099	45.560	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	69033	79.401	ug/l #	100
77) Bromobenzene	12.605	156	62692	51.321	ug/l	95
78) n-propylbenzene	12.672	91	324659	51.229	ug/l	99
79) 2-Chlorotoluene	12.758	91	186611	51.839	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	222954	54.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18728	46.826	ug/l	92
82) 4-Chlorotoluene	12.855	91	195775	52.207	ug/l	98
83) tert-Butylbenzene	13.075	119	189770	52.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	225342	54.392	ug/l	98
85) sec-Butylbenzene	13.251	105	287680	51.779	ug/l	99
86) p-Isopropyltoluene	13.367	119	236043	53.822	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	122257	50.774	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	125989	50.332	ug/l	99
89) n-Butylbenzene	13.696	91	225651	53.290	ug/l	98
90) Hexachloroethane	13.959	117	47733	50.754	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	111589	51.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7963	42.541	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	65028	52.769	ug/l	99
94) Hexachlorobutadiene	15.111	225	37697	54.169	ug/l	99
95) Naphthalene	15.239	128	139320	47.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	58206	52.811	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
Data File : VY010002.D
Acq On : 14 Aug 2022 16:28
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: Aug 15 00:39:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

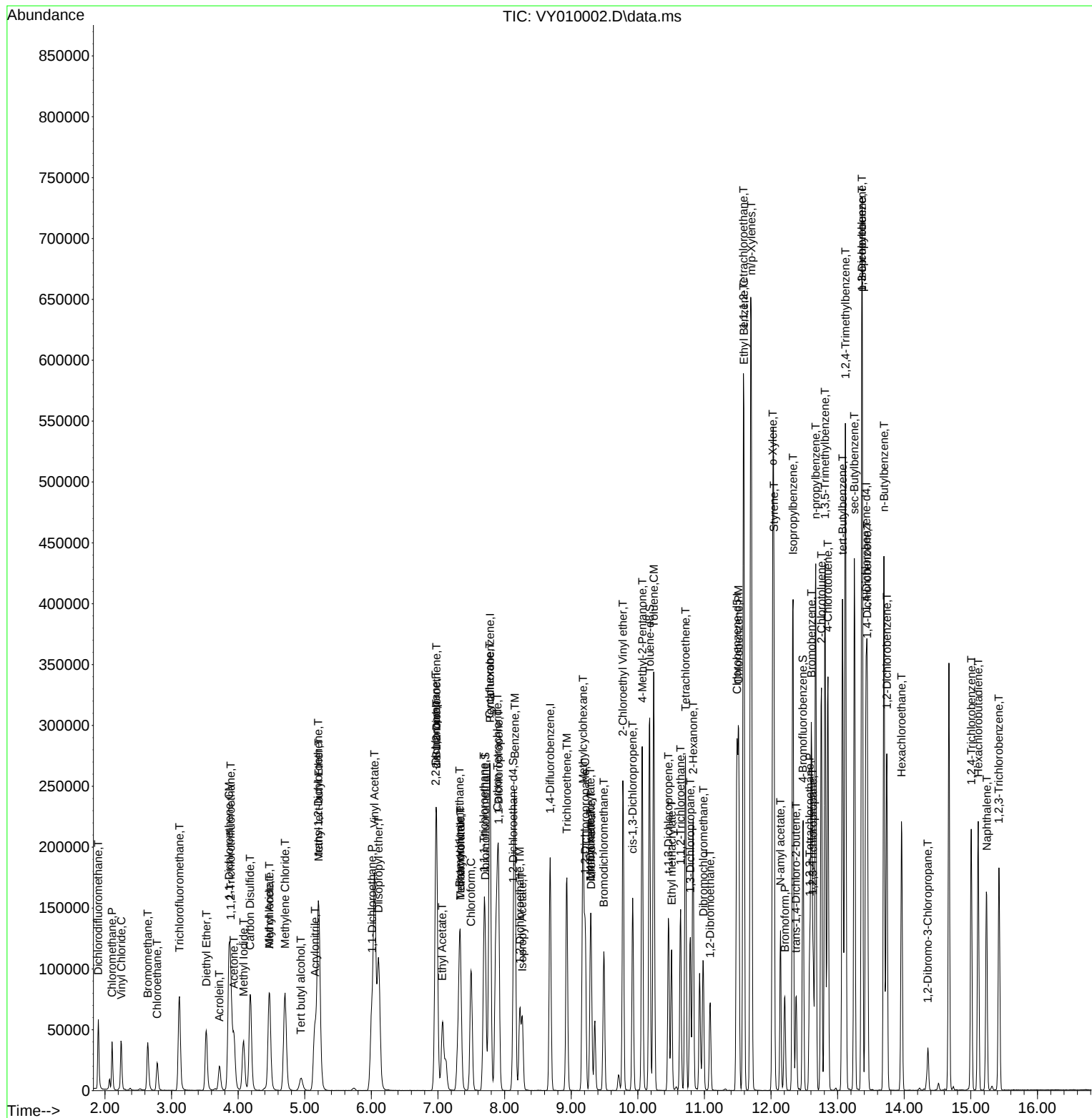
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

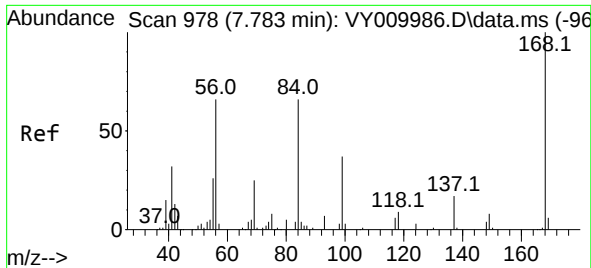
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010002.D
 Acq On : 14 Aug 2022 16:28
 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: Aug 15 00:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

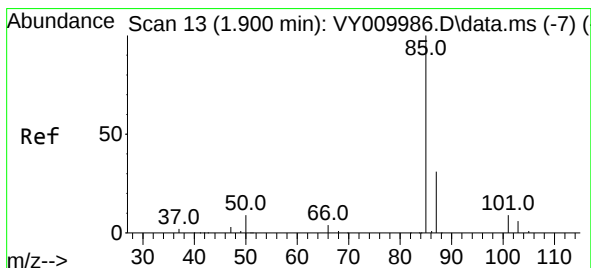
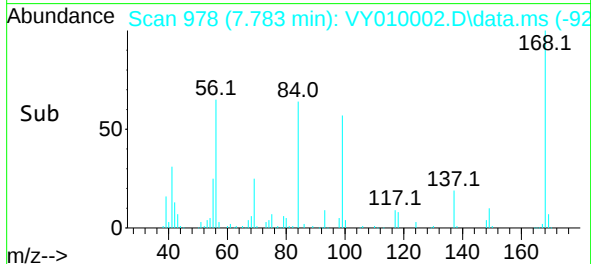
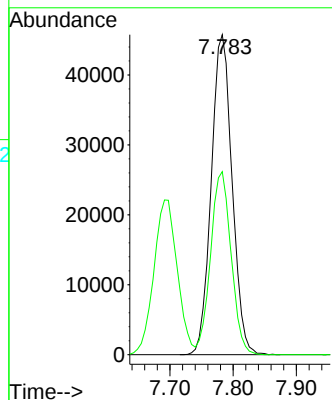
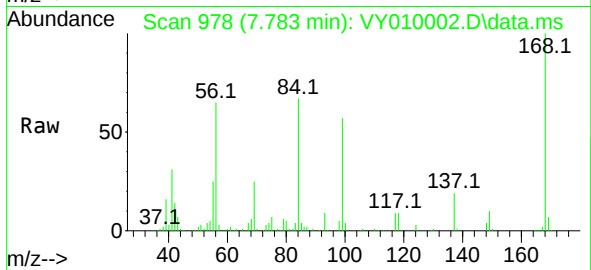




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

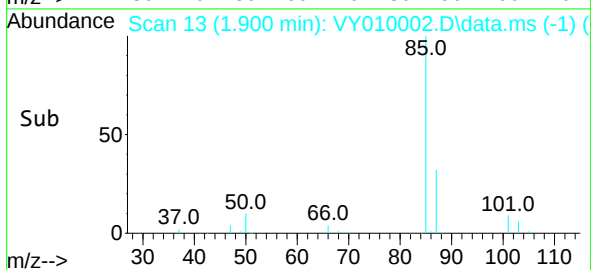
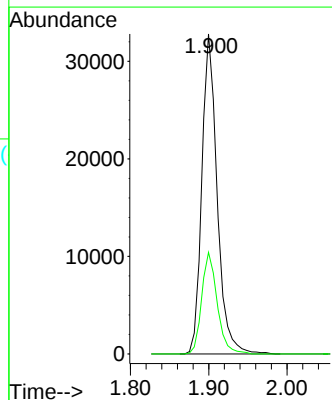
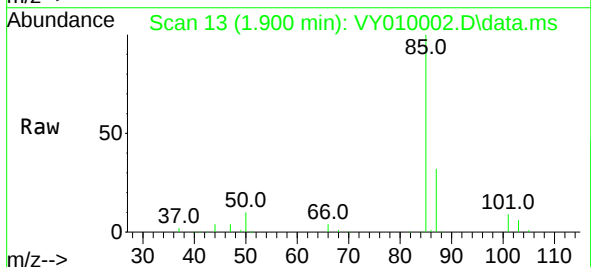
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

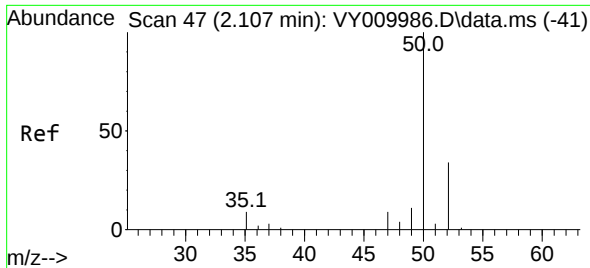
Tgt Ion:168 Resp: 104500
Ion Ratio Lower Upper
168 100
99 57.2 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 47.461 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 85 Resp: 44525
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.5

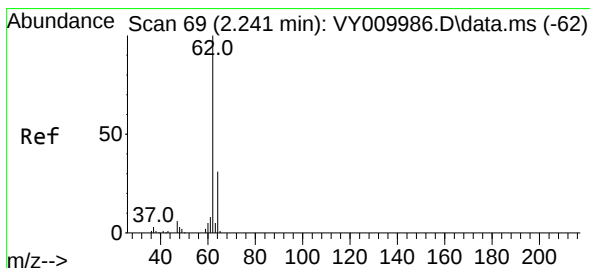
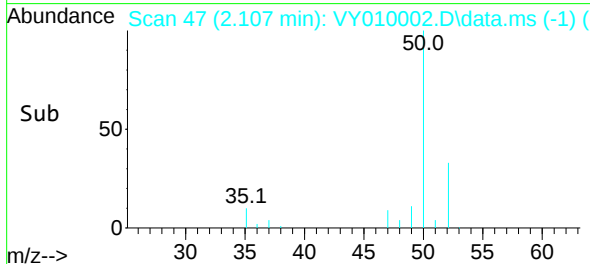
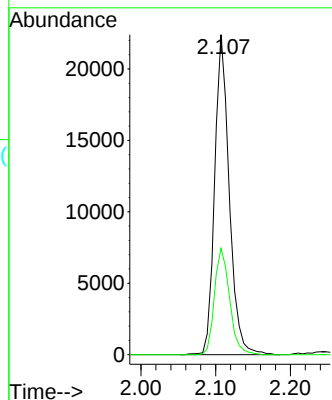
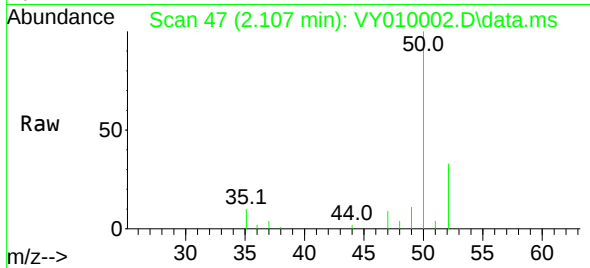




#3
Chloromethane
Concen: 44.073 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

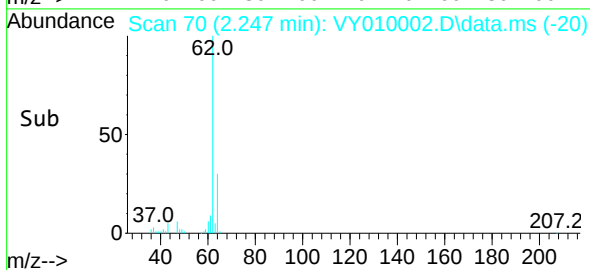
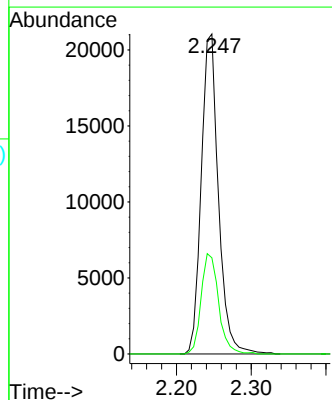
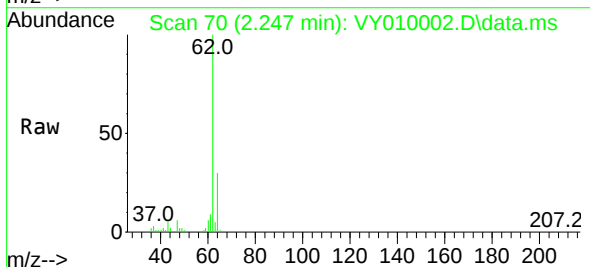
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

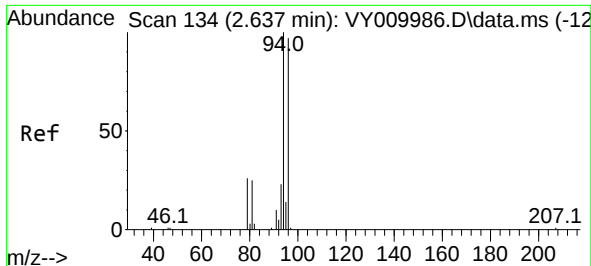
Tgt Ion: 50 Resp: 30370
Ion Ratio Lower Upper
50 100
52 33.2 27.9 41.9



#4
Vinyl Chloride
Concen: 46.207 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 62 Resp: 33549
Ion Ratio Lower Upper
62 100
64 30.0 25.0 37.4

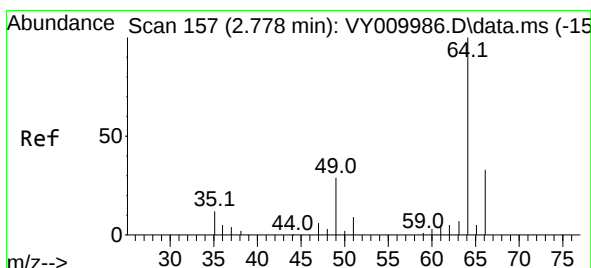
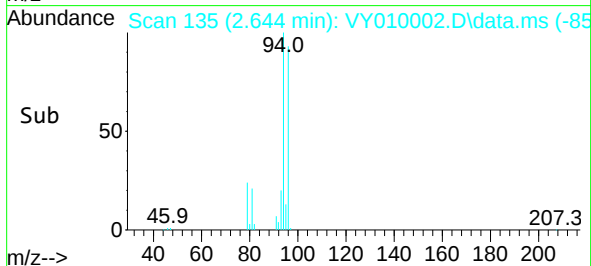
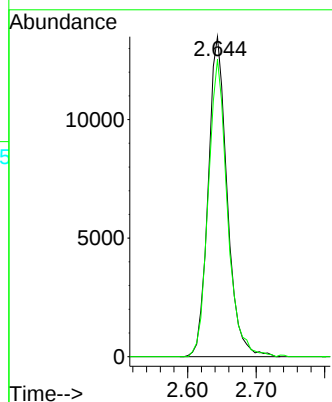
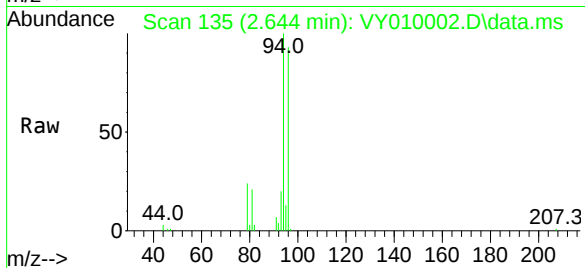




#5
Bromomethane
Concen: 51.236 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

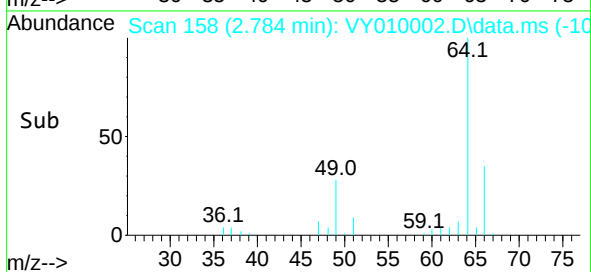
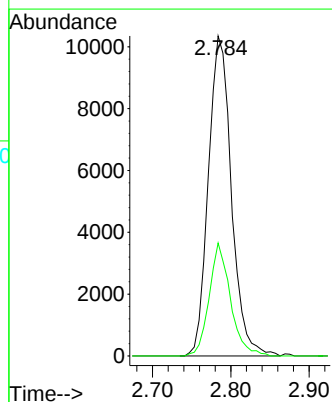
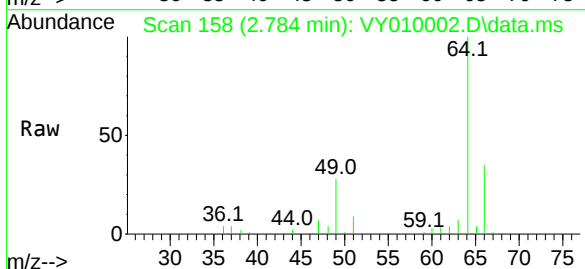
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

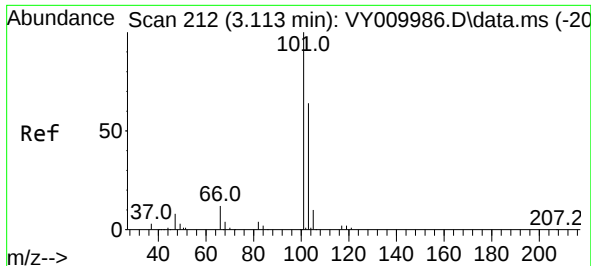
Tgt Ion: 94 Resp: 26010
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8



#6
Chloroethane
Concen: 44.092 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 64 Resp: 21165
Ion Ratio Lower Upper
64 100
66 35.3 25.8 38.8

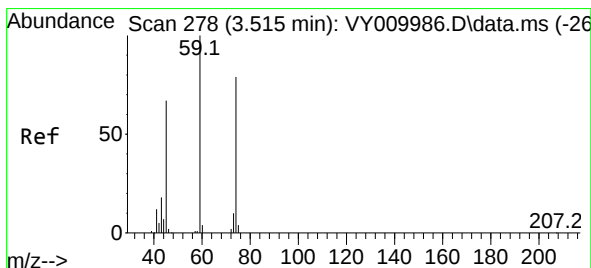
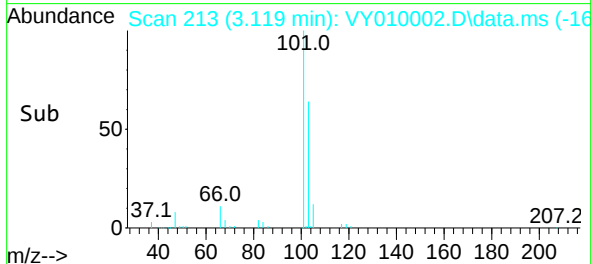
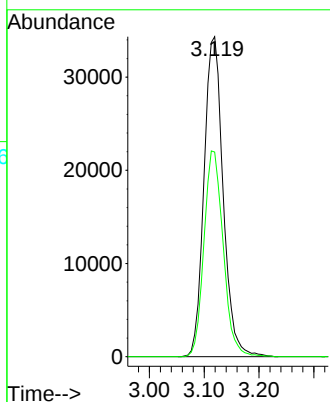
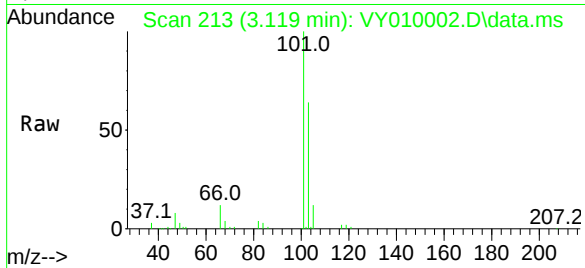




#7
 Trichlorofluoromethane
 Concen: 46.159 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

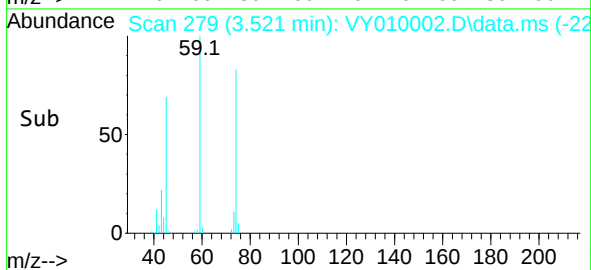
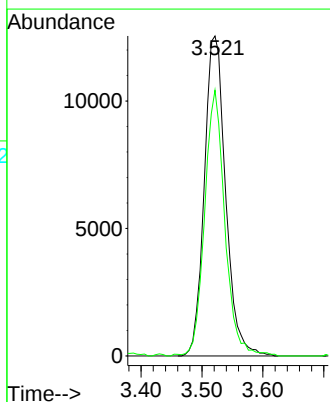
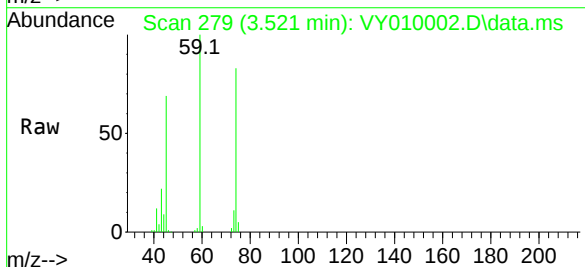
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

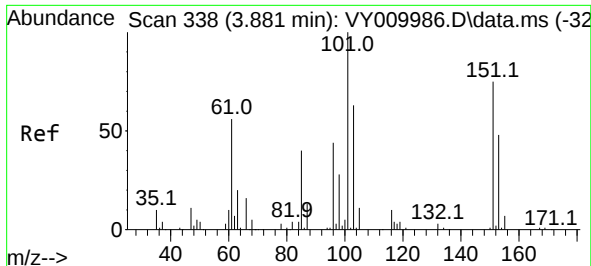
Tgt Ion:101 Resp: 83023
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 45.033 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

Tgt Ion: 74 Resp: 30490
 Ion Ratio Lower Upper
 74 100
 45 79.0 49.1 147.4

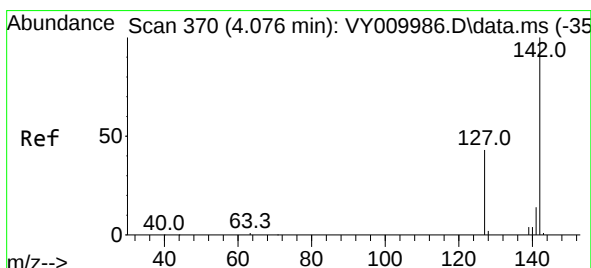
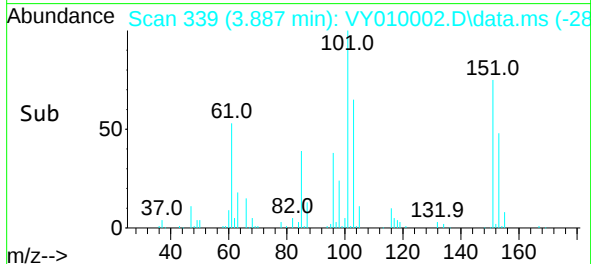
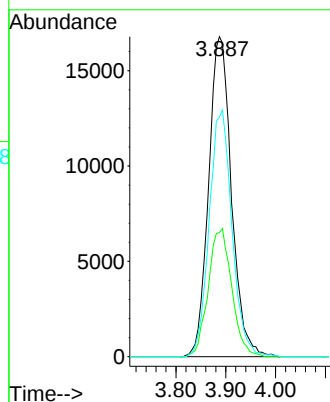
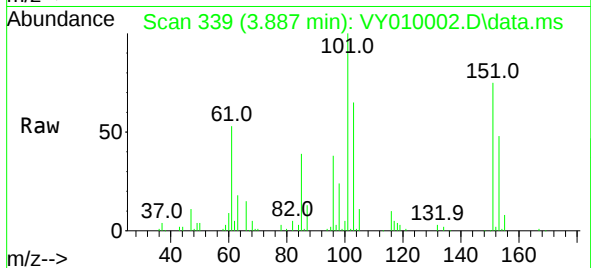




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.187 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

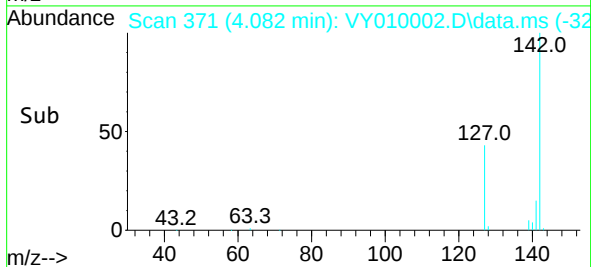
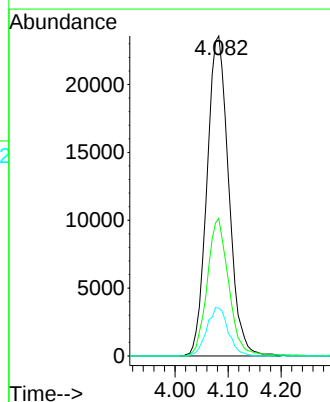
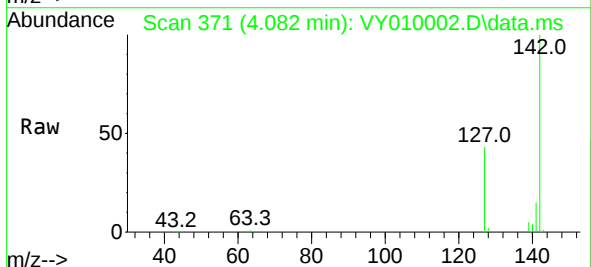
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

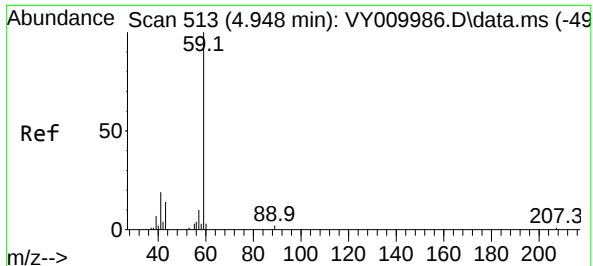
Tgt Ion:101 Resp: 53383
Ion Ratio Lower Upper
101 100
85 41.2 36.2 54.2
151 77.0 63.6 95.4



#10
Methyl Iodide
Concen: 48.532 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion:142 Resp: 67102
Ion Ratio Lower Upper
142 100
127 42.3 35.2 52.8
141 14.9 11.4 17.2

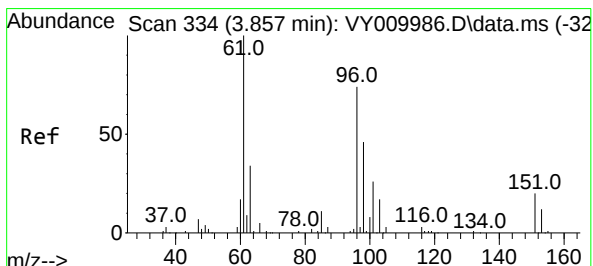
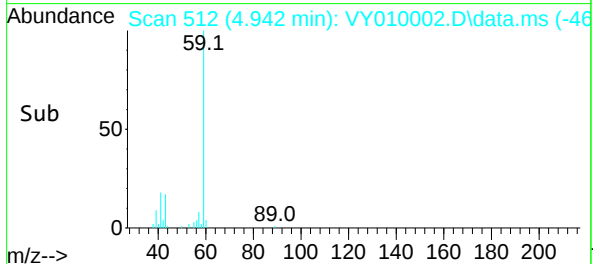
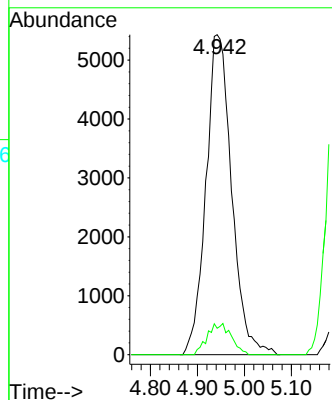
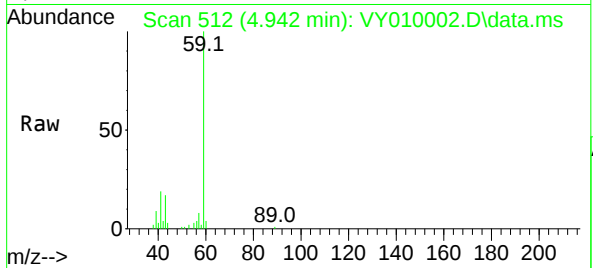




#11
Tert butyl alcohol
Concen: 196.177 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

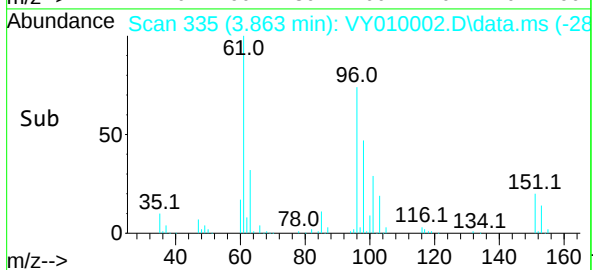
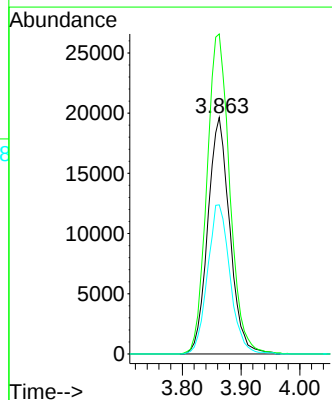
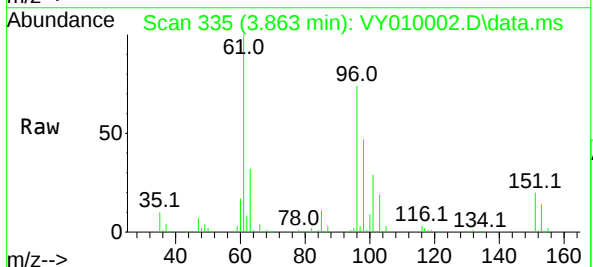
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

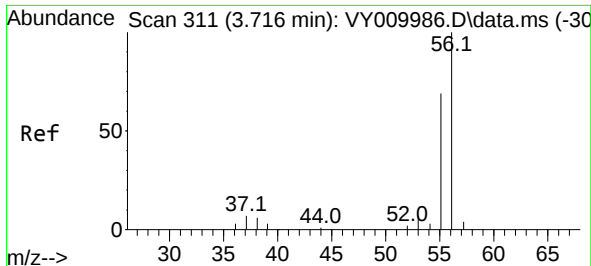
Tgt Ion: 59 Resp: 20646
Ion Ratio Lower Upper
59 100
57 9.0 6.3 9.5



#12
1,1-Dichloroethene
Concen: 45.409 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 96 Resp: 50957
Ion Ratio Lower Upper
96 100
61 135.3 121.9 182.9
98 63.1 48.2 72.4





#13

Acrolein

Concen: 180.590 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

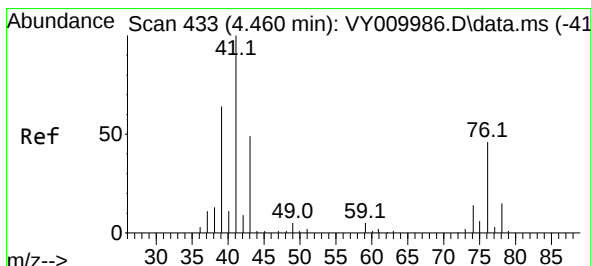
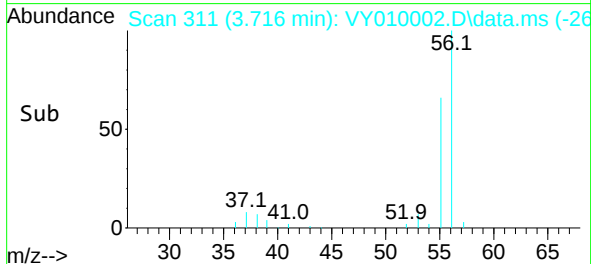
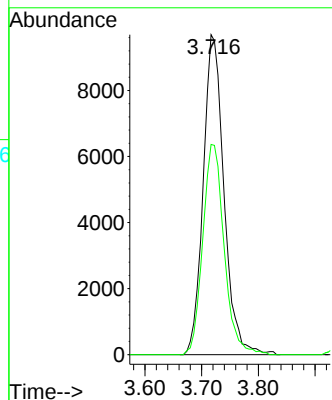
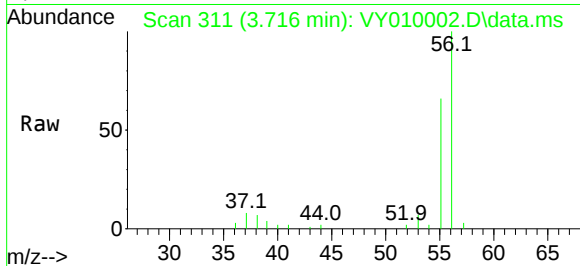
VSTDCCC050

Tgt Ion: 56 Resp: 24632

Ion Ratio Lower Upper

56 100

55 67.7 54.8 82.2



#14

Allyl chloride

Concen: 41.619 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

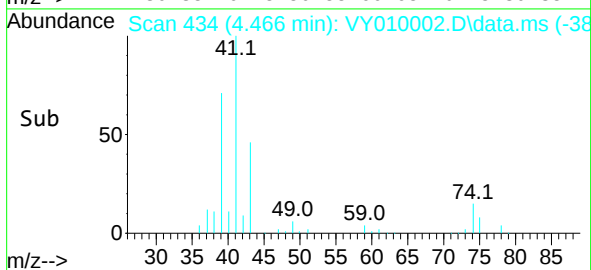
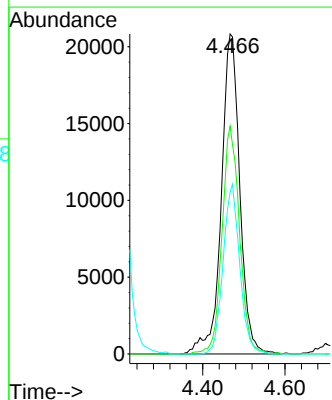
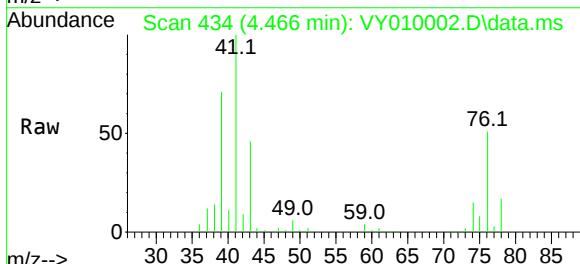
Tgt Ion: 41 Resp: 65113

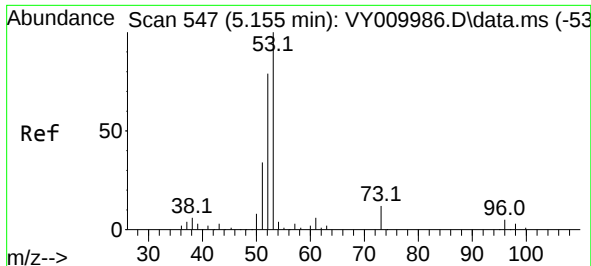
Ion Ratio Lower Upper

41 100

39 67.4 53.5 80.3

76 47.9 29.4 44.0#

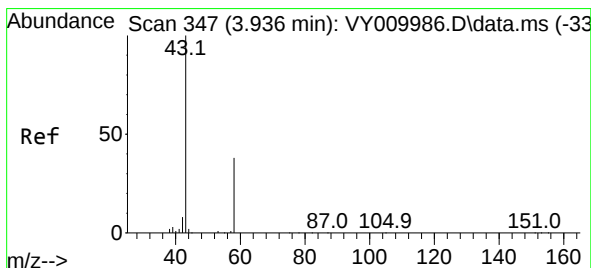
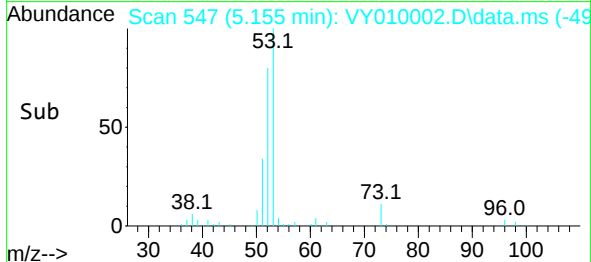
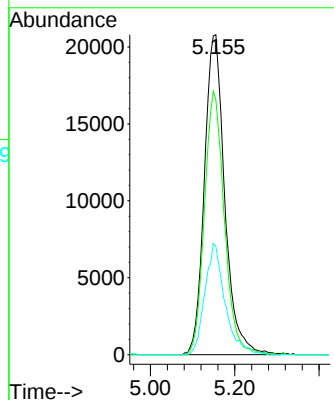
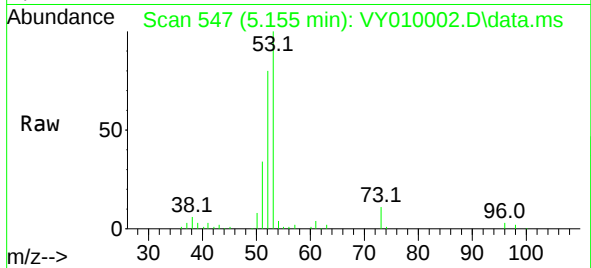




#15
Acrylonitrile
Concen: 216.117 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

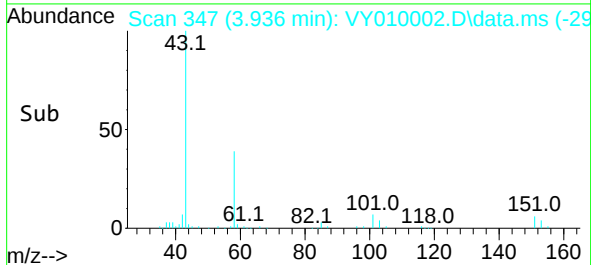
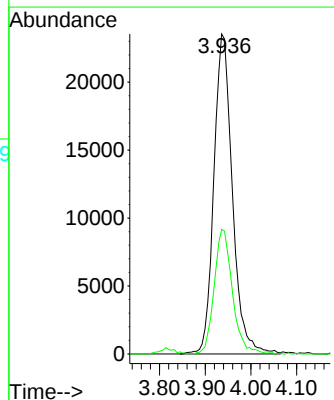
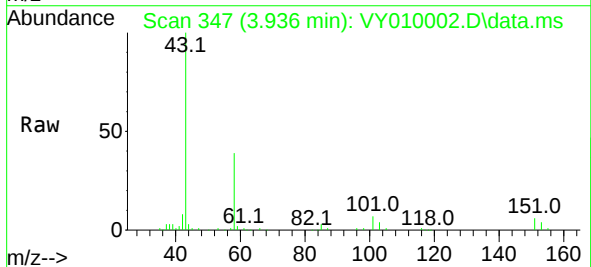
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

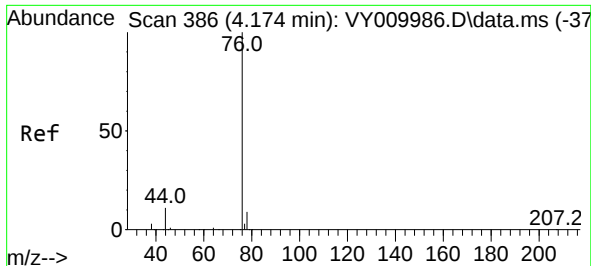
Tgt Ion: 53 Resp: 70036
Ion Ratio Lower Upper
53 100
52 80.3 65.4 98.2
51 34.3 28.4 42.6



#16
Acetone
Concen: 260.853 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 43 Resp: 66411
Ion Ratio Lower Upper
43 100
58 38.7 24.0 36.0#

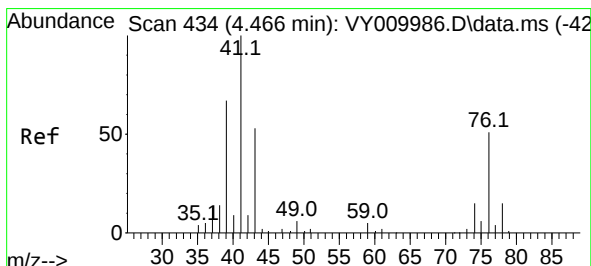
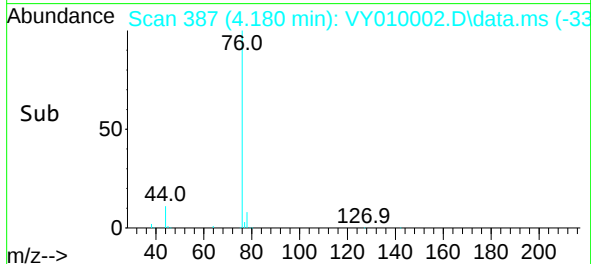
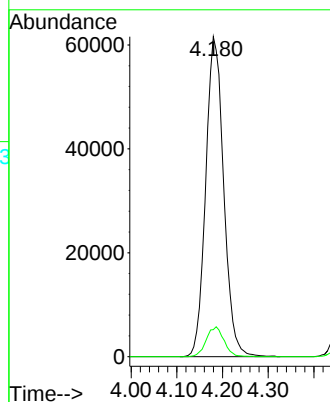
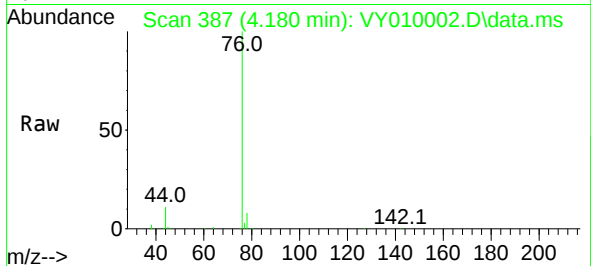




#17
Carbon Disulfide
Concen: 46.091 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

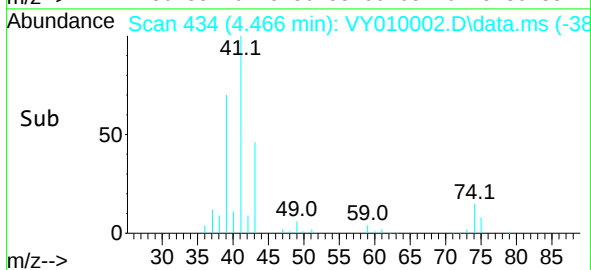
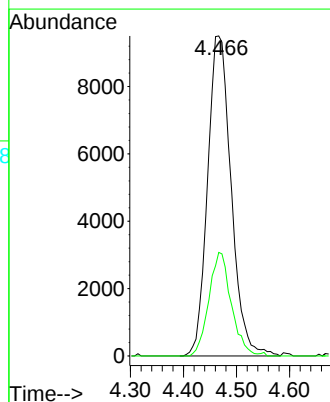
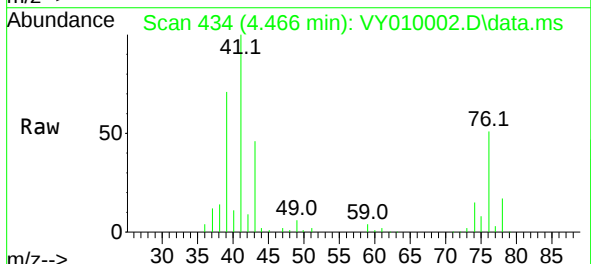
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

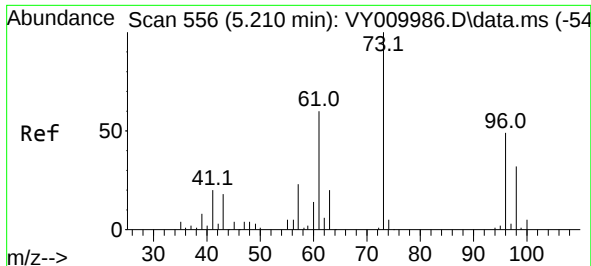
Tgt Ion: 76 Resp: 168330
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 41.439 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 43 Resp: 29371
Ion Ratio Lower Upper
43 100
74 30.6 18.8 28.2#





#19

Methyl tert-butyl Ether

Concen: 46.963 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

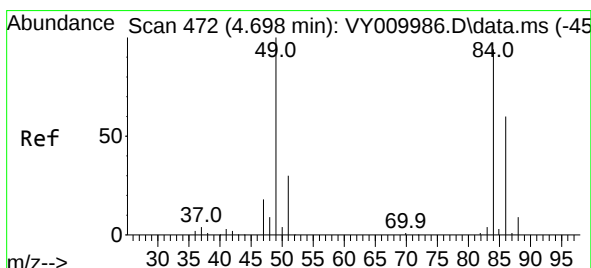
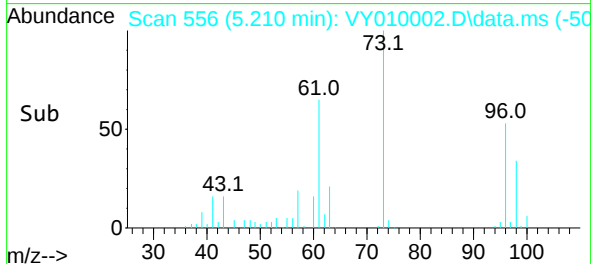
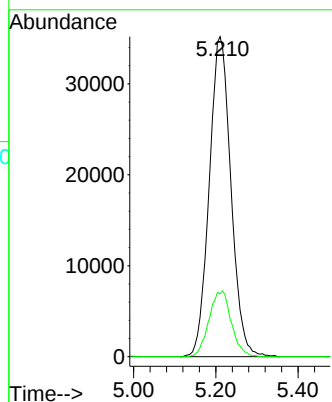
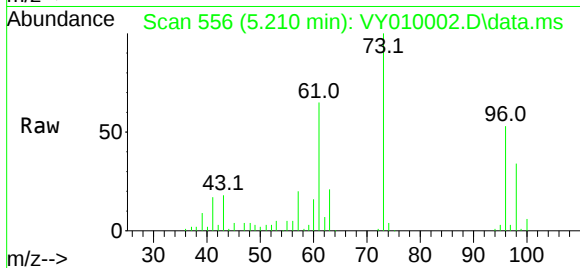
VSTDCCC050

Tgt Ion: 73 Resp: 128777

Ion Ratio Lower Upper

73 100

57 19.6 18.5 27.7



#20

Methylene Chloride

Concen: 49.672 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Tgt Ion: 84 Resp: 66089

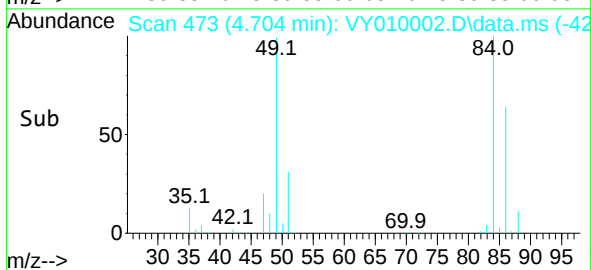
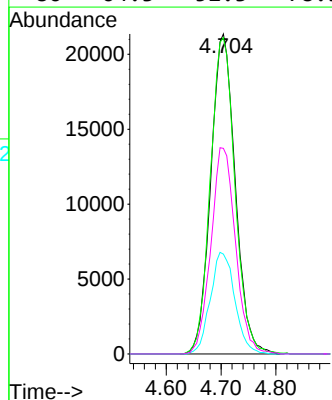
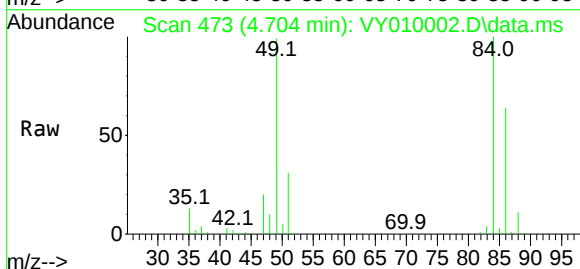
Ion Ratio Lower Upper

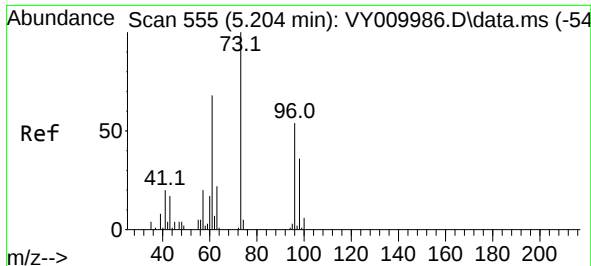
84 100

49 98.8 98.2 147.4

51 31.2 33.4 50.0#

86 64.3 52.3 78.5

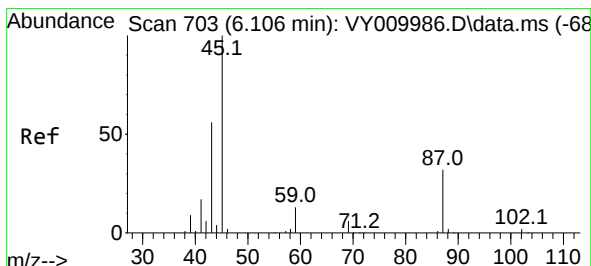
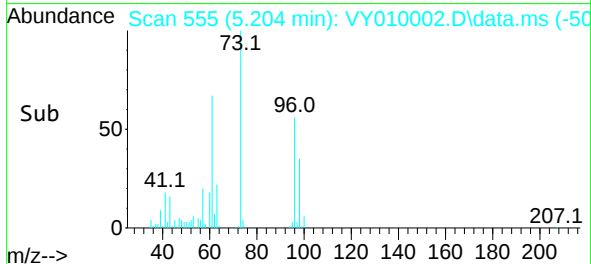
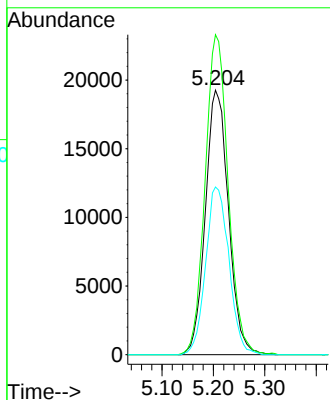
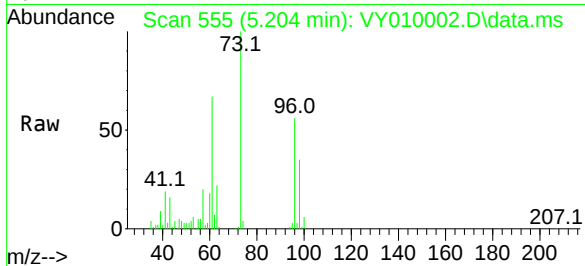




#21
trans-1,2-Dichloroethene
Concen: 48.282 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

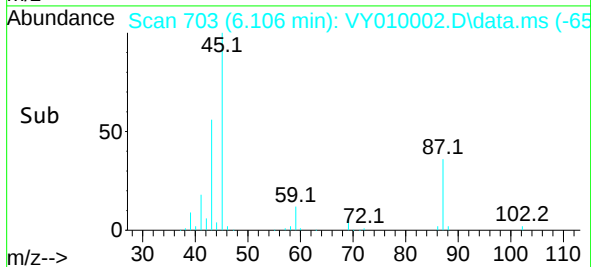
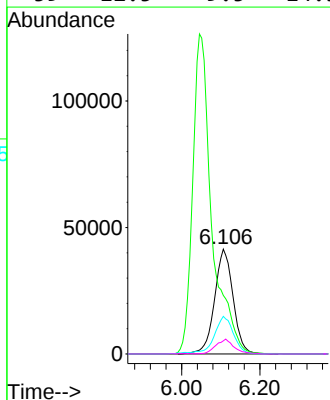
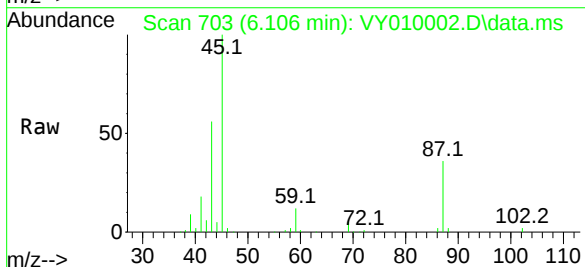
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

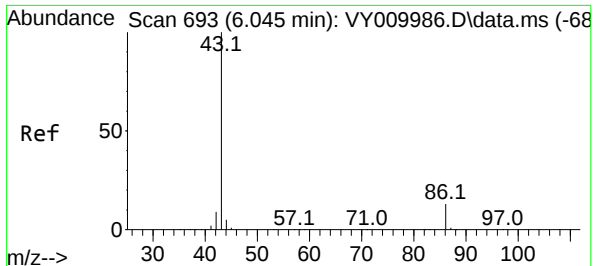
Tgt Ion: 96 Resp: 60212
Ion Ratio Lower Upper
96 100
61 121.0 105.8 158.6
98 63.4 49.7 74.5



#22
Diisopropyl ether
Concen: 43.115 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 45 Resp: 136372
Ion Ratio Lower Upper
45 100
43 55.4 43.7 65.5
87 35.8 22.2 33.4#
59 12.5 9.5 14.3

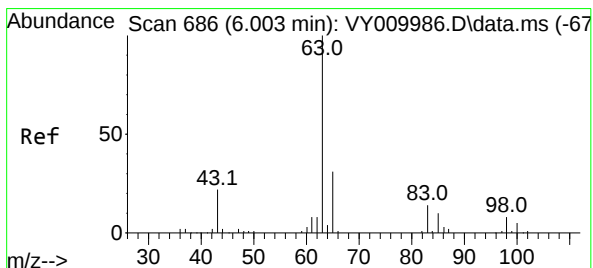
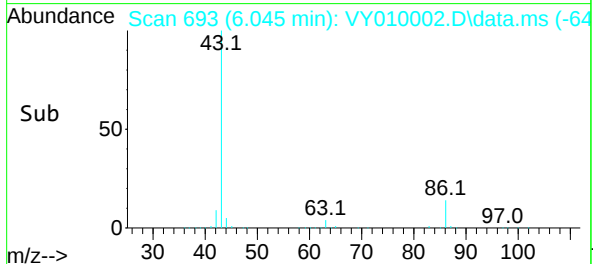
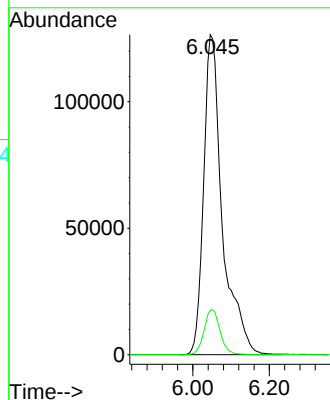
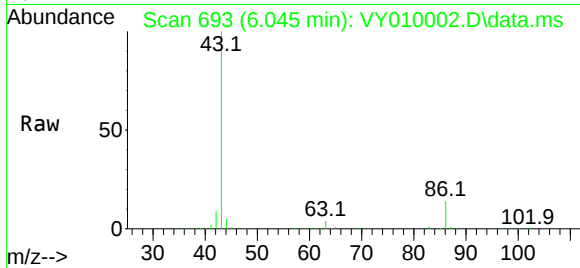




#23
 Vinyl Acetate
 Concen: 220.054 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

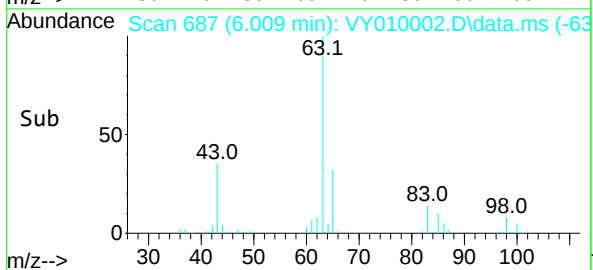
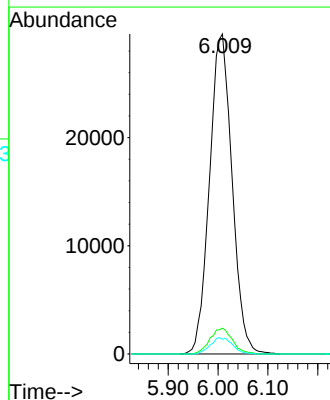
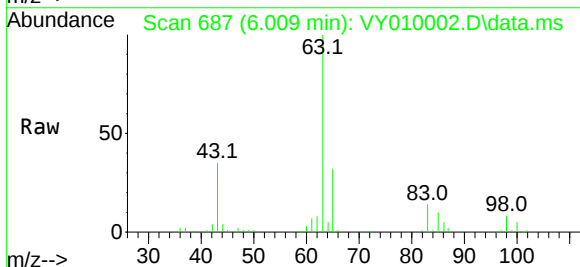
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

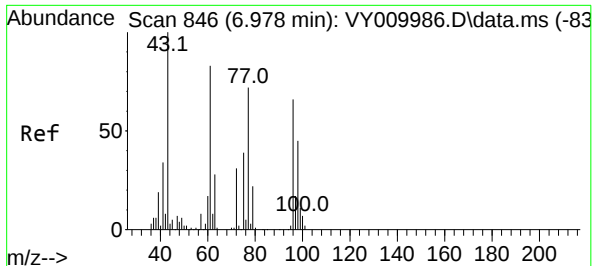
Tgt Ion: 43 Resp: 430070
 Ion Ratio Lower Upper
 43 100
 86 13.8 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 46.068 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

Tgt Ion: 63 Resp: 92983
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.6 2.8 8.3





#25

2-Butanone

Concen: 211.404 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

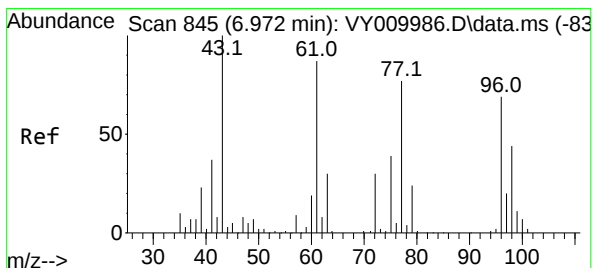
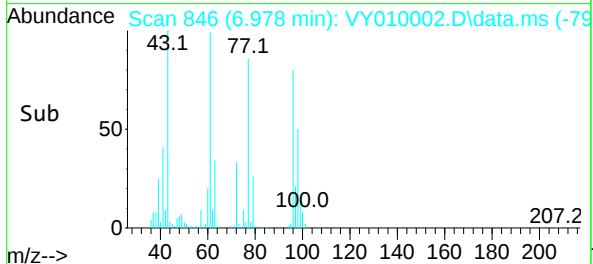
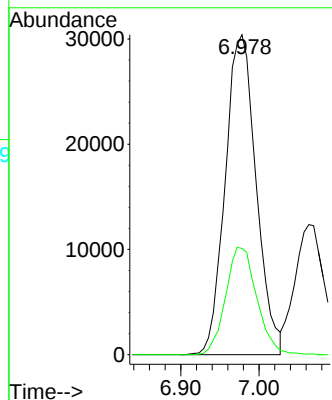
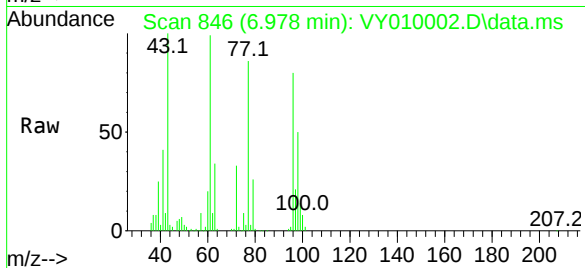
VSTDCCC050

Tgt Ion: 43 Resp: 83516

Ion Ratio Lower Upper

43 100

72 33.2 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 46.288 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010002.D

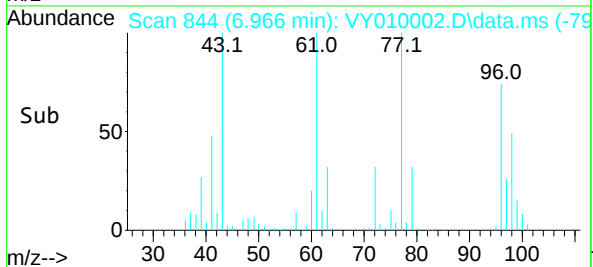
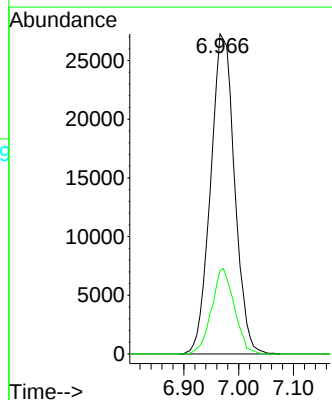
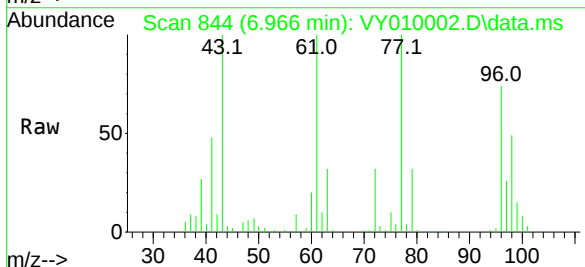
Acq: 14 Aug 2022 16:28

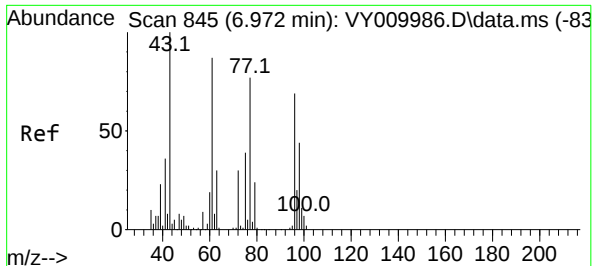
Tgt Ion: 77 Resp: 82807

Ion Ratio Lower Upper

77 100

97 25.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.491 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

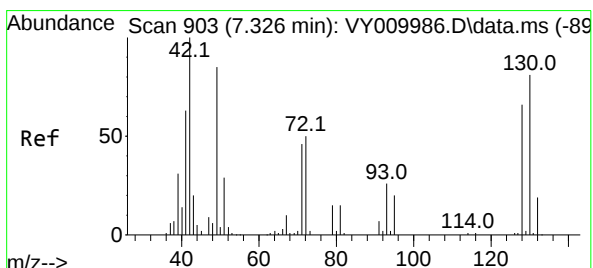
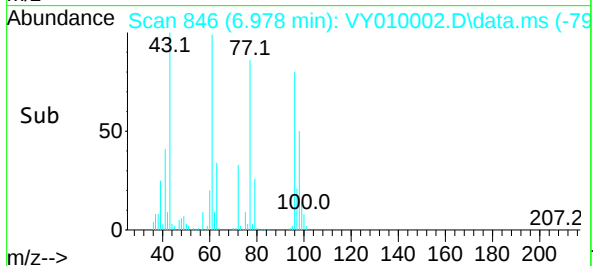
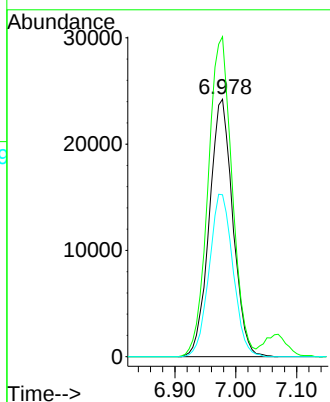
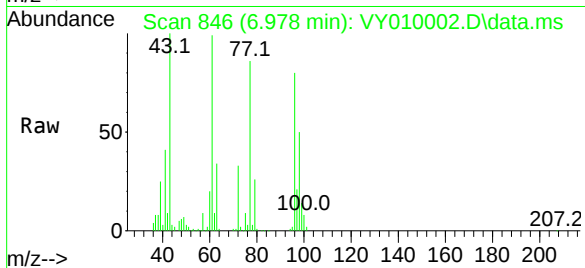
Tgt Ion: 96 Resp: 64962

Ion Ratio Lower Upper

96 100

61 127.1 0.0 285.6

98 63.9 0.0 131.0



#28

Bromochloromethane

Concen: 44.614 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

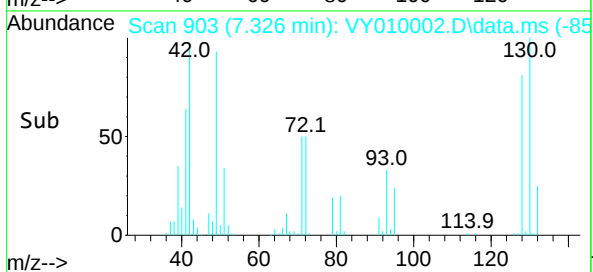
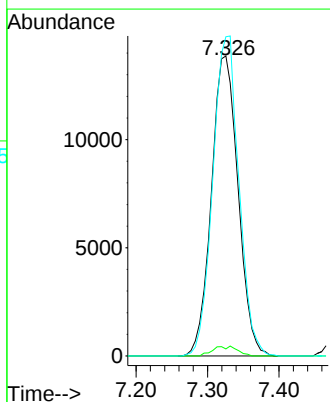
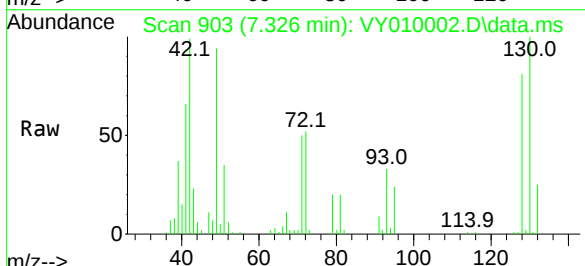
Tgt Ion: 49 Resp: 35966

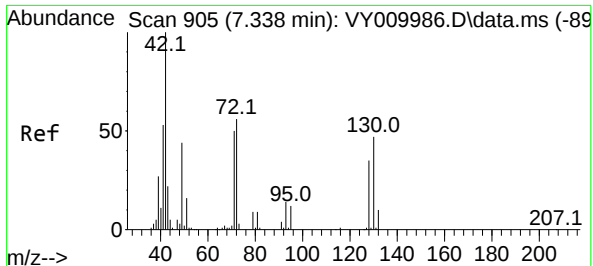
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 104.4 64.1 96.1#





#29

Tetrahydrofuran

Concen: 199.707 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

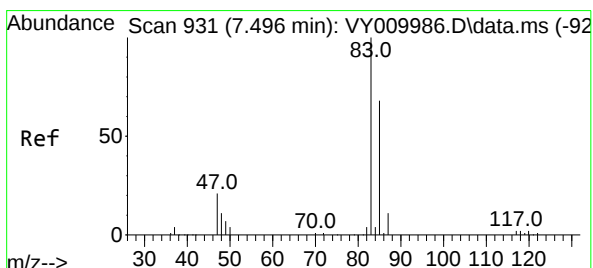
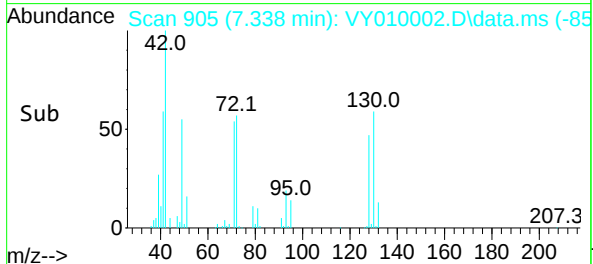
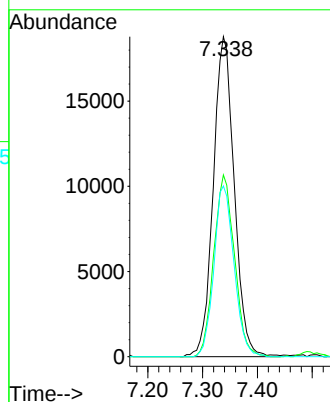
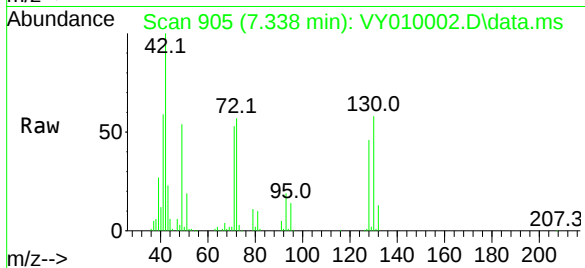
Tgt Ion: 42 Resp: 49861

Ion Ratio Lower Upper

42 100

72 56.0 34.6 52.0#

71 51.3 32.7 49.1#



#30

Chloroform

Concen: 48.547 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010002.D

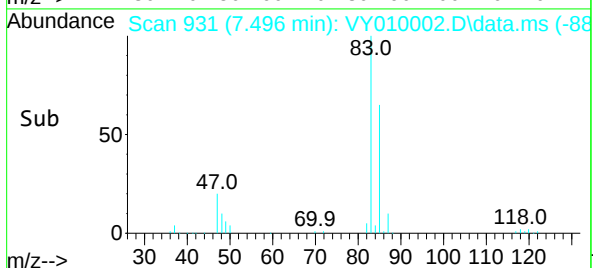
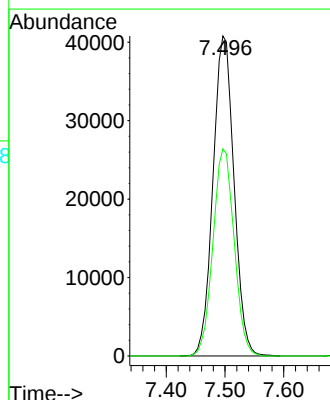
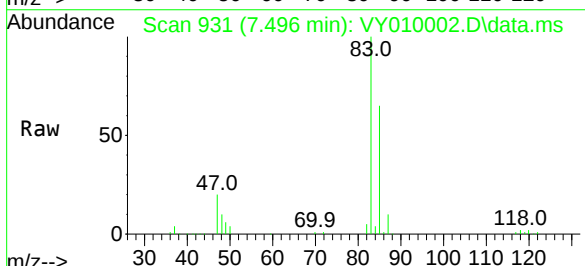
Acq: 14 Aug 2022 16:28

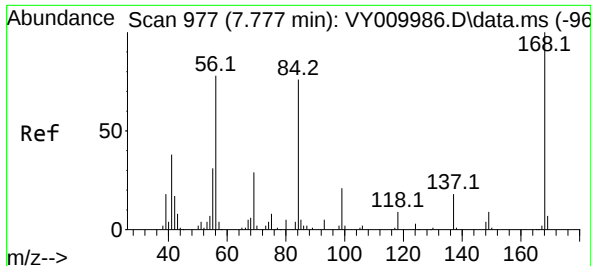
Tgt Ion: 83 Resp: 101322

Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7

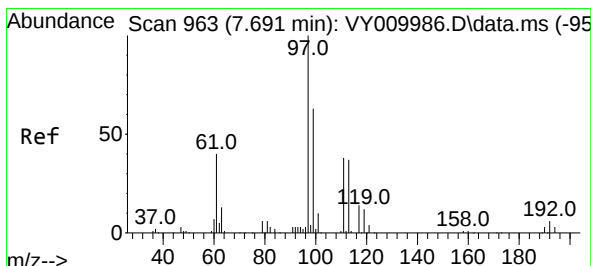
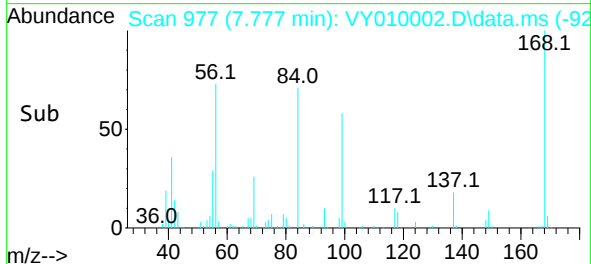
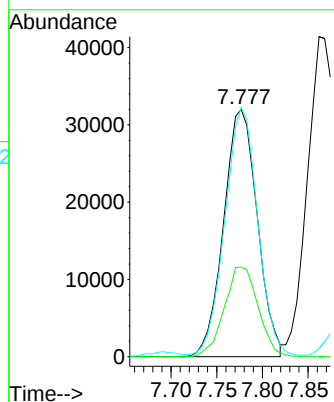
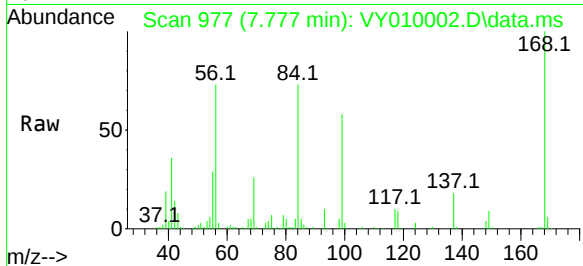




#31
Cyclohexane
Concen: 43.178 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

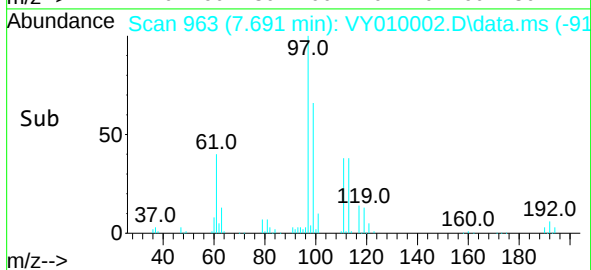
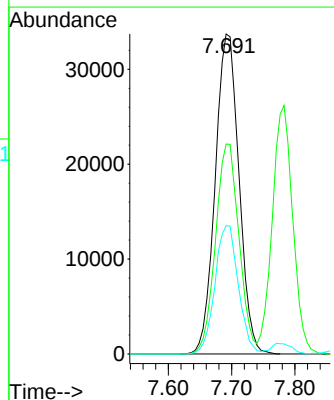
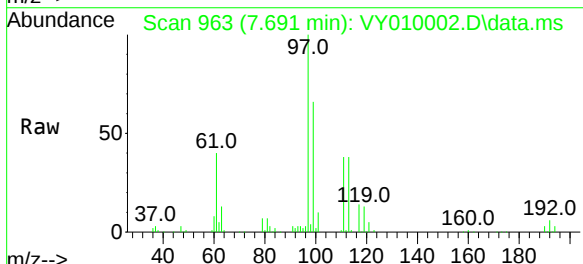
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

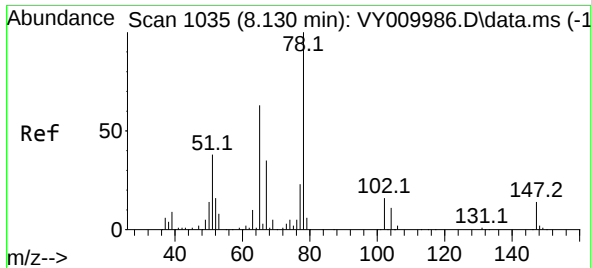
Tgt Ion: 56 Resp: 81928
Ion Ratio Lower Upper
56 100
69 36.3 26.0 39.0
84 99.7 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 49.531 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 97 Resp: 87840
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 39.5 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 47.872 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

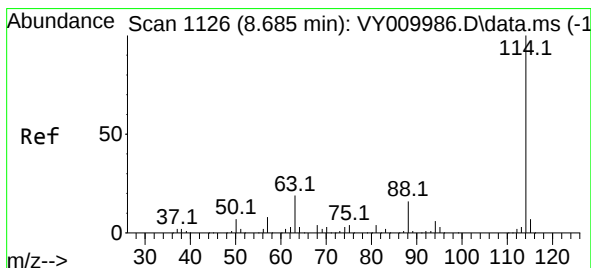
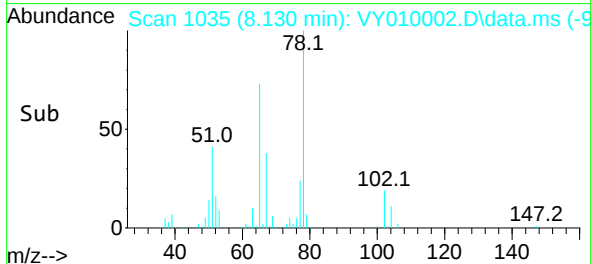
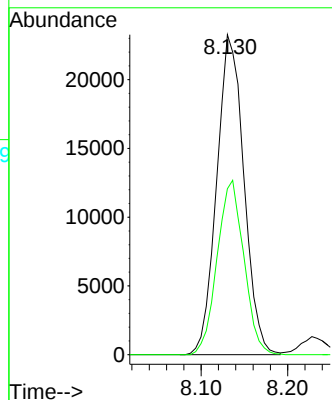
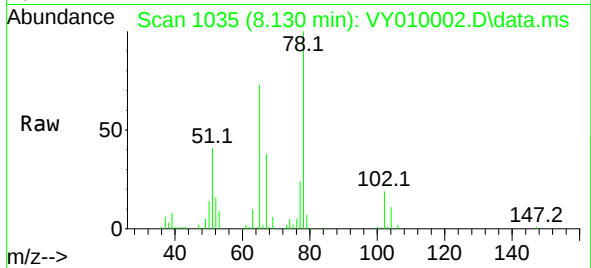
VSTDCCC050

Tgt Ion: 65 Resp: 50747

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

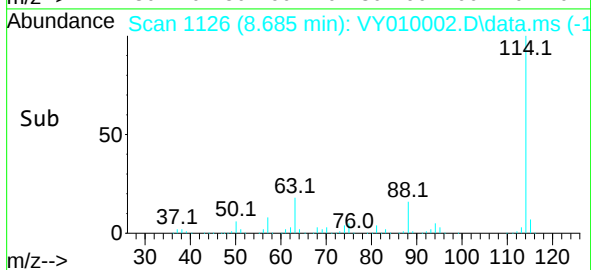
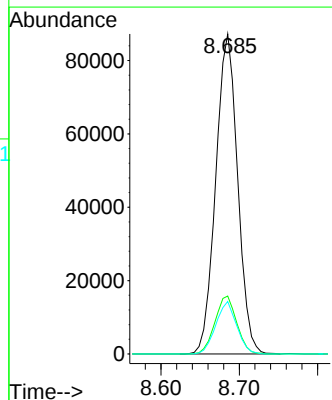
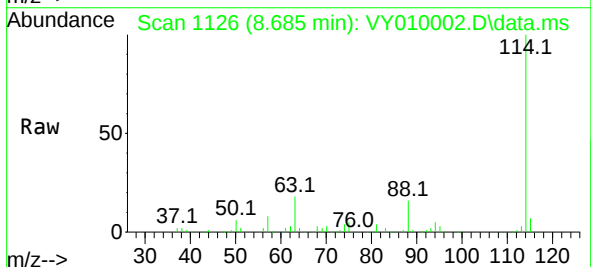
Tgt Ion: 114 Resp: 169460

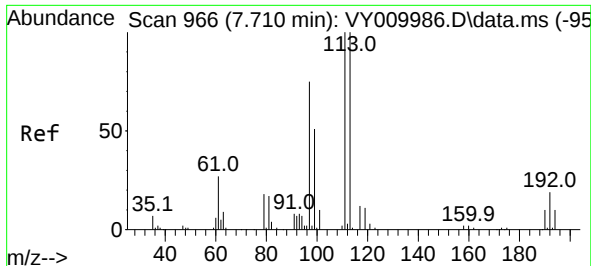
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

88 16.4 0.0 30.0

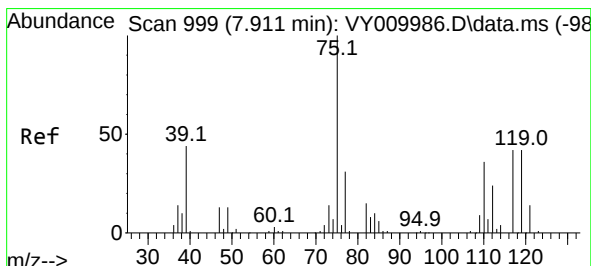
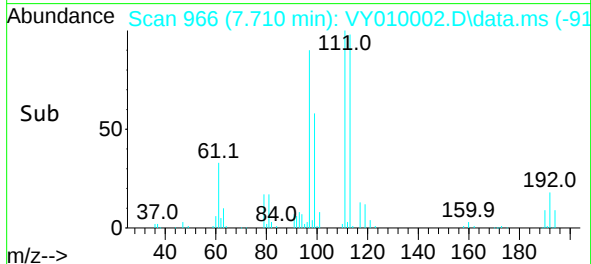
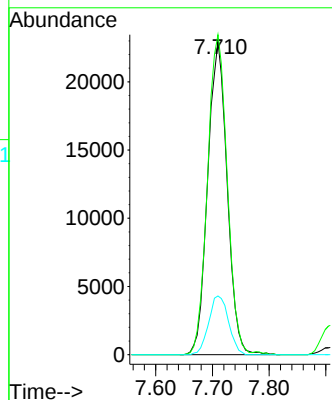
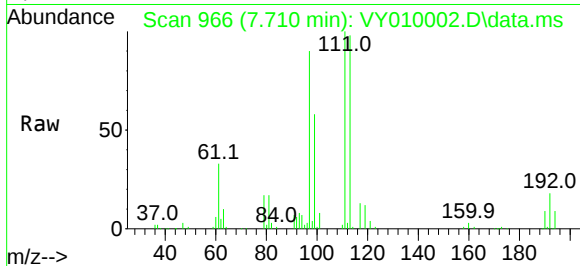




#35
 Dibromofluoromethane
 Concen: 52.674 ug/l
 RT: 7.710 min Scan# 901
 Delta R.T. 0.000 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

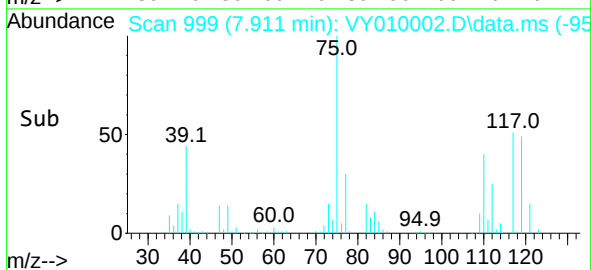
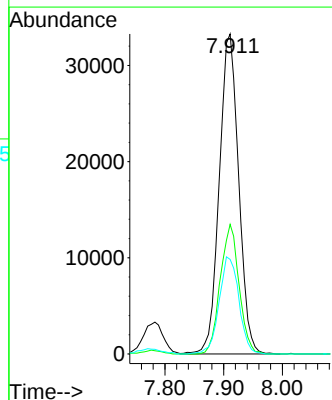
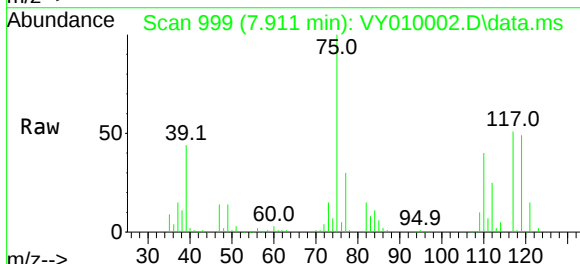
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

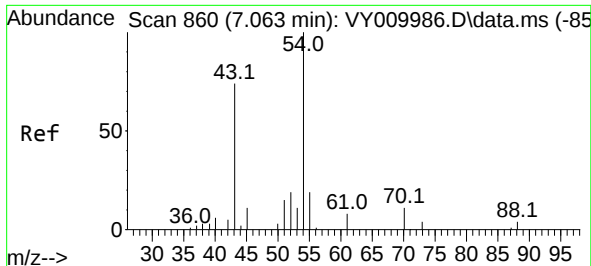
Tgt Ion:113 Resp: 54632
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.6 120.8
 192 19.1 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 49.365 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

Tgt Ion: 75 Resp: 76241
 Ion Ratio Lower Upper
 75 100
 110 39.3 18.6 56.0
 77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 40.531 ug/l

RT: 7.063 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

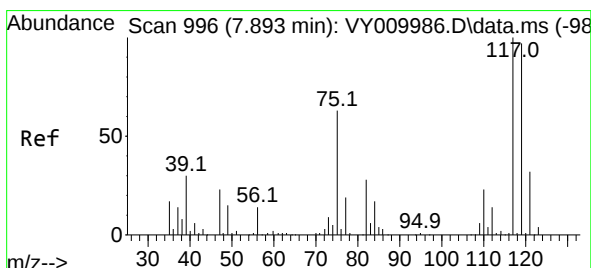
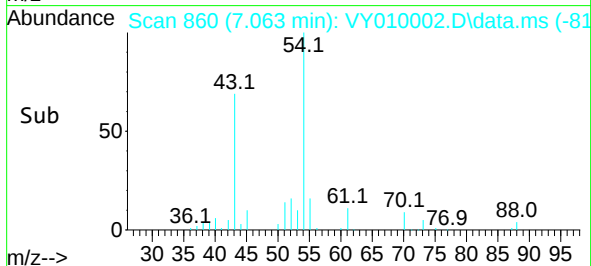
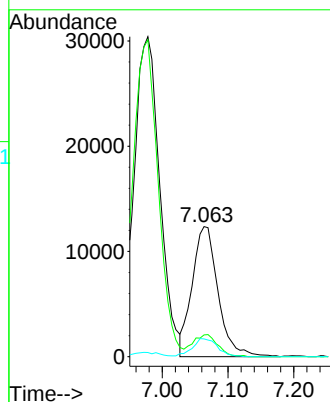
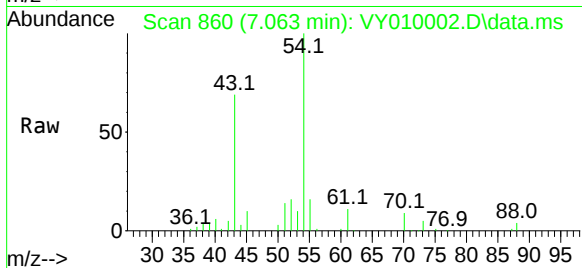
Tgt Ion: 43 Resp: 33784

Ion Ratio Lower Upper

43 100

61 16.4 11.2 16.8

70 13.4 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 52.406 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

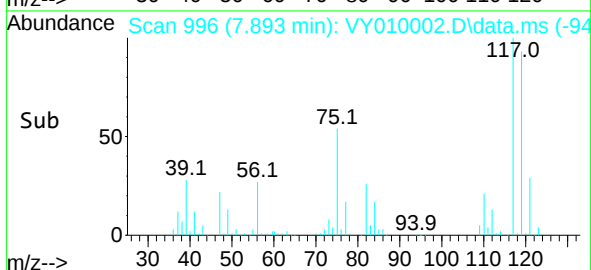
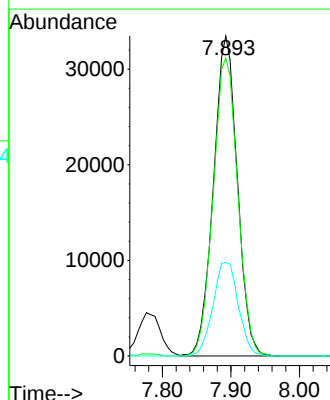
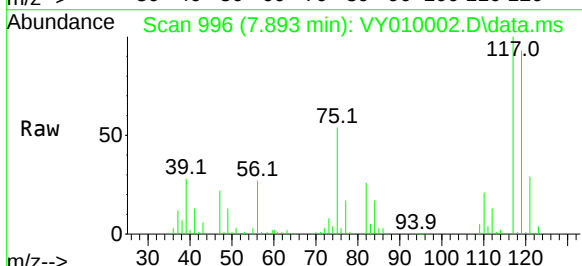
Tgt Ion: 117 Resp: 80771

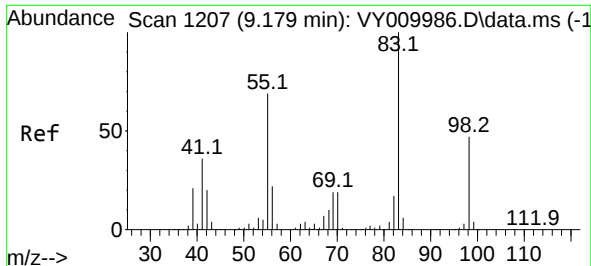
Ion Ratio Lower Upper

117 100

119 93.1 75.9 113.9

121 29.3 24.9 37.3





#39

Methylcyclohexane

Concen: 50.486 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

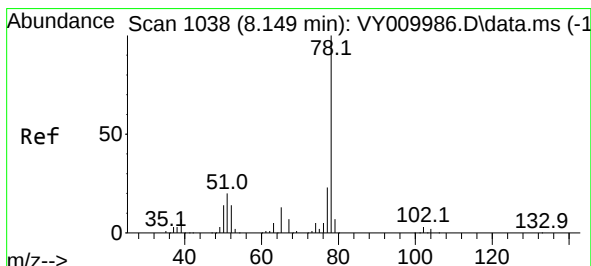
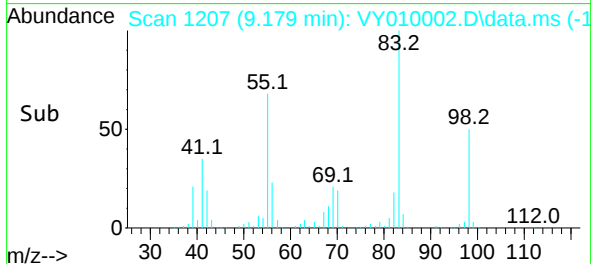
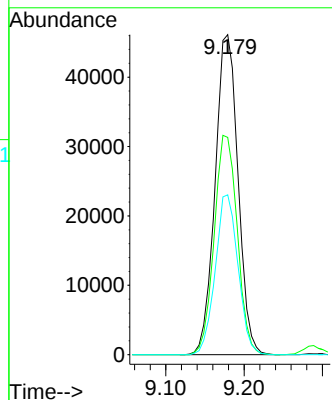
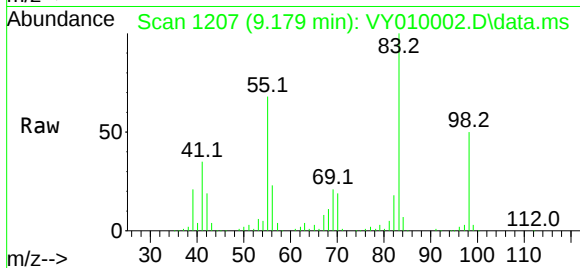
Tgt Ion: 83 Resp: 93887

Ion Ratio Lower Upper

83 100

55 67.9 56.7 85.1

98 50.0 39.9 59.9



#40

Benzene

Concen: 49.237 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010002.D

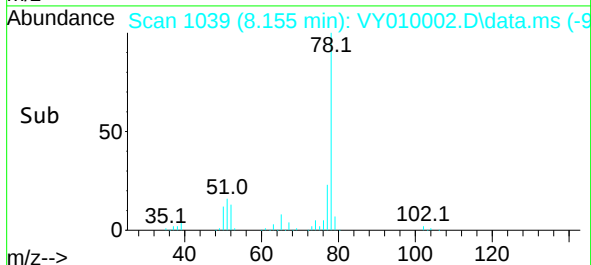
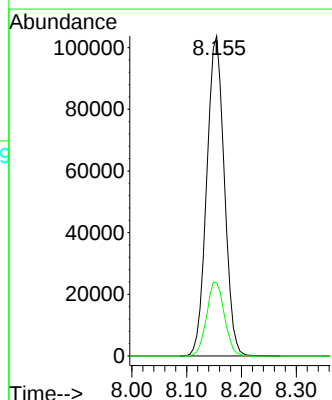
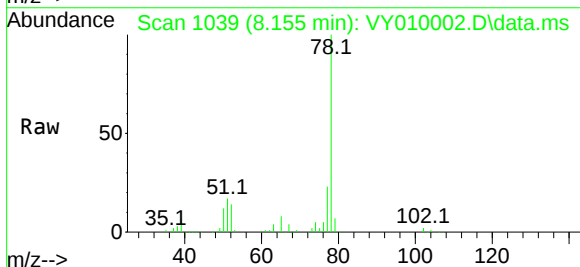
Acq: 14 Aug 2022 16:28

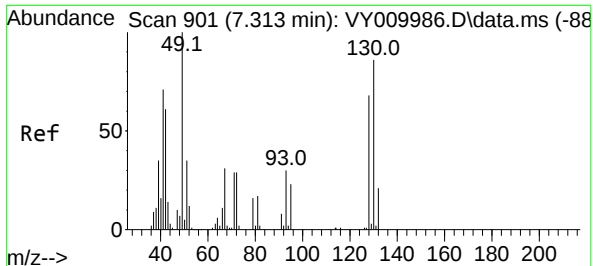
Tgt Ion: 78 Resp: 230124

Ion Ratio Lower Upper

78 100

77 22.9 19.4 29.0

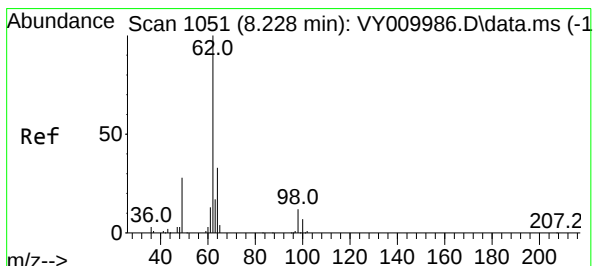
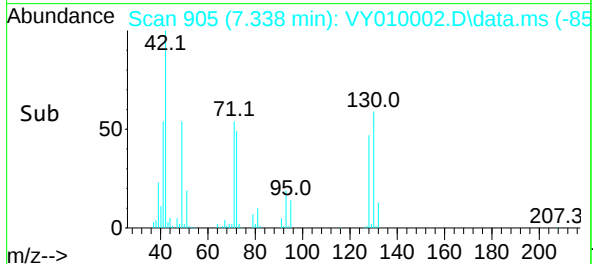
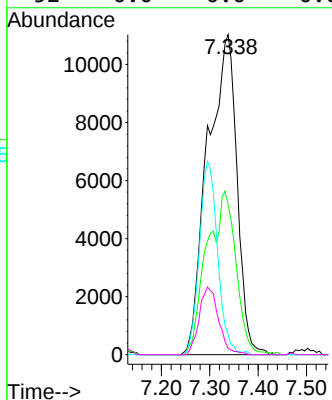
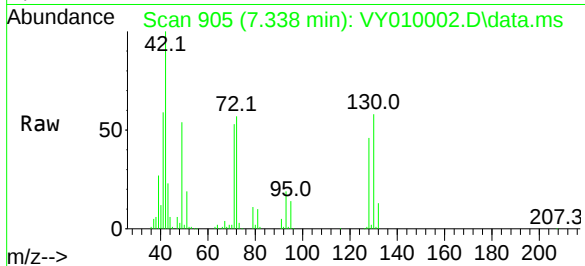




#41
Methacrylonitrile
Concen: 104.580 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

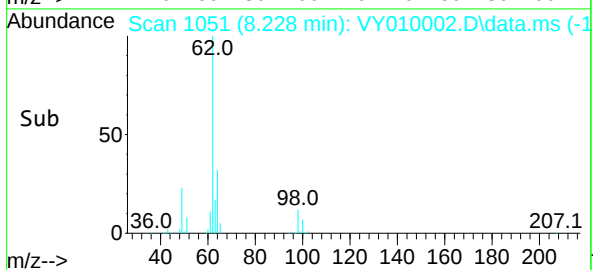
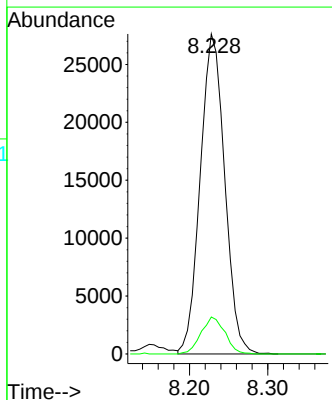
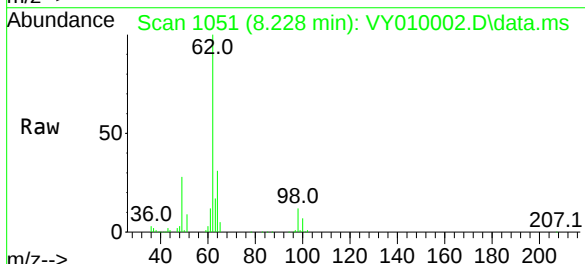
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

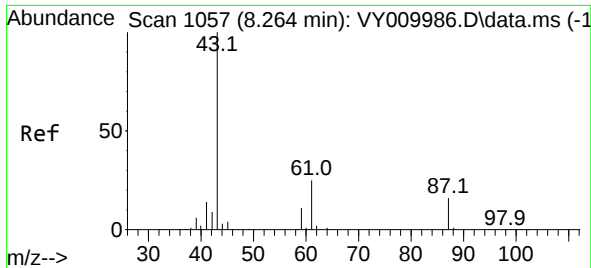
Tgt Ion: 41 Resp: 46302
Ion Ratio Lower Upper
41 100
39 50.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.503 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 62 Resp: 59933
Ion Ratio Lower Upper
62 100
98 11.3 0.0 20.6





#43

Isopropyl Acetate

Concen: 42.525 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

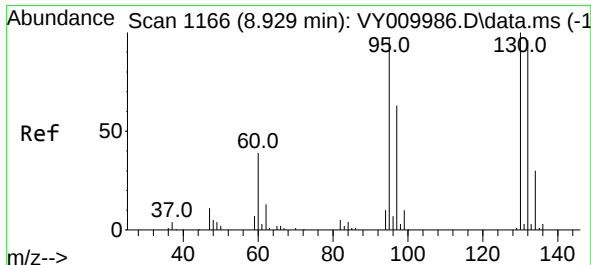
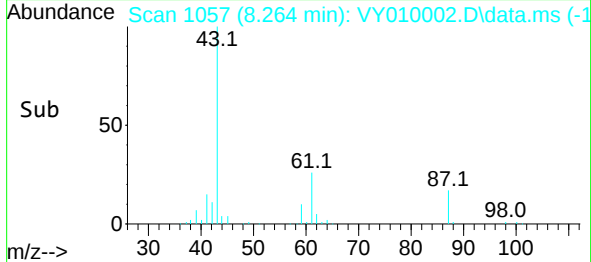
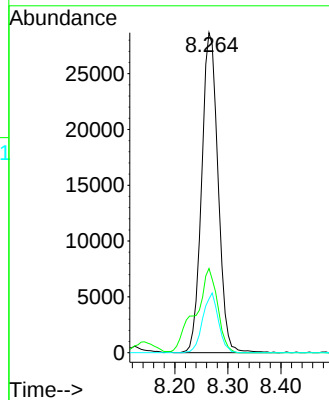
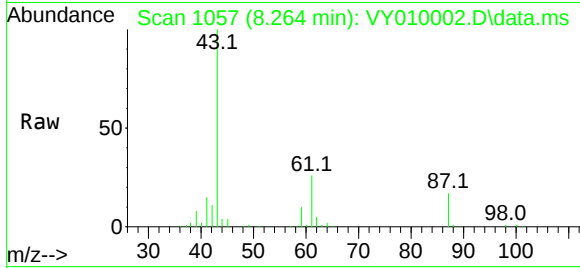
Tgt Ion: 43 Resp: 61527

Ion Ratio Lower Upper

43 100

61 35.7 23.6 35.4#

87 17.9 11.3 16.9#



#44

Trichloroethene

Concen: 51.046 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY010002.D

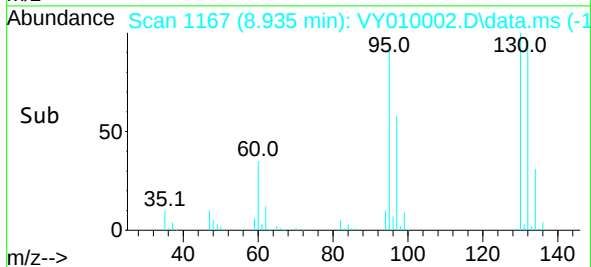
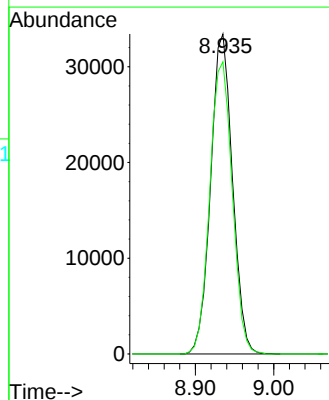
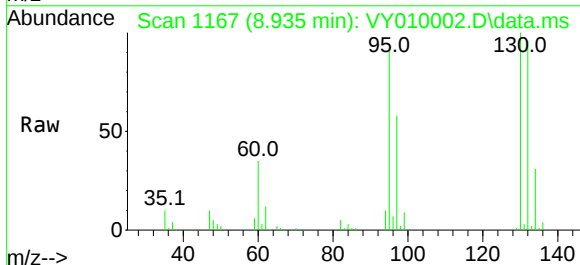
Acq: 14 Aug 2022 16:28

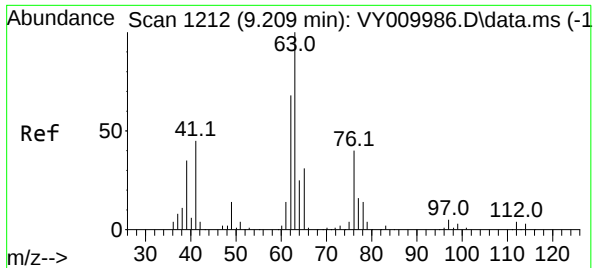
Tgt Ion:130 Resp: 64607

Ion Ratio Lower Upper

130 100

95 91.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 47.352 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

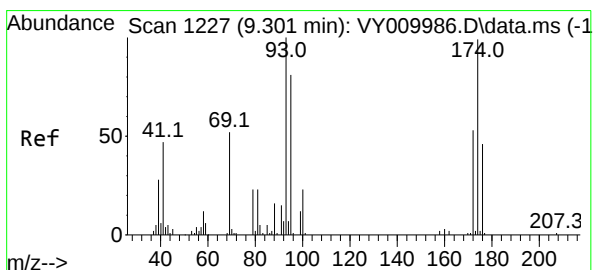
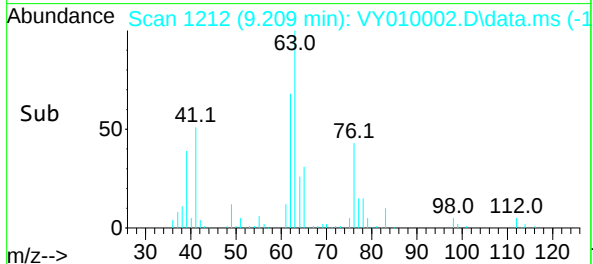
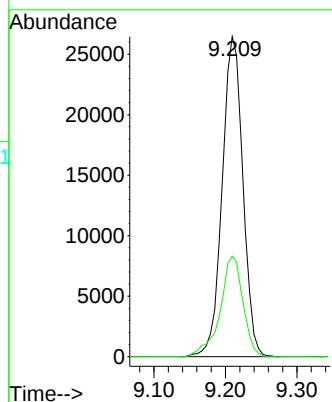
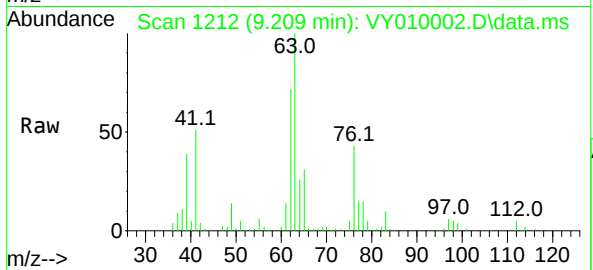
VSTDCCC050

Tgt Ion: 63 Resp: 53102

Ion Ratio Lower Upper

63 100

65 31.4 23.7 35.5



#46

Dibromomethane

Concen: 50.042 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

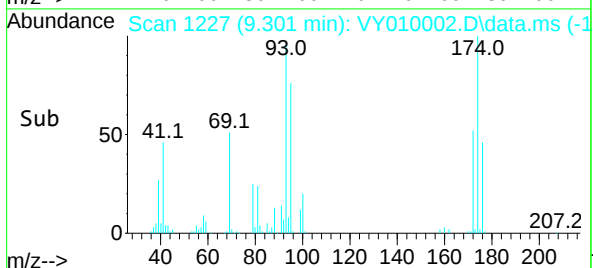
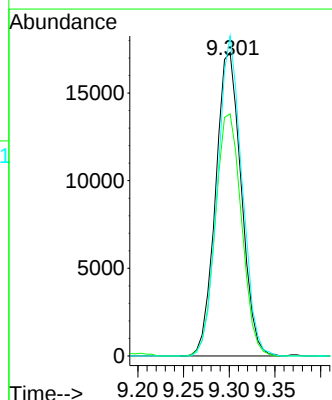
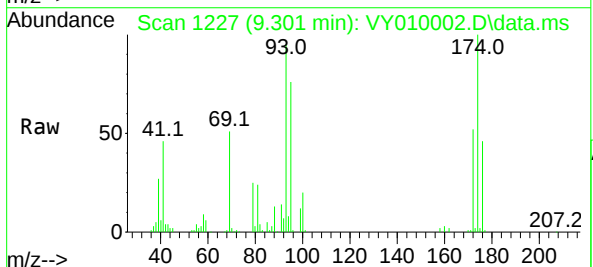
Tgt Ion: 93 Resp: 33786

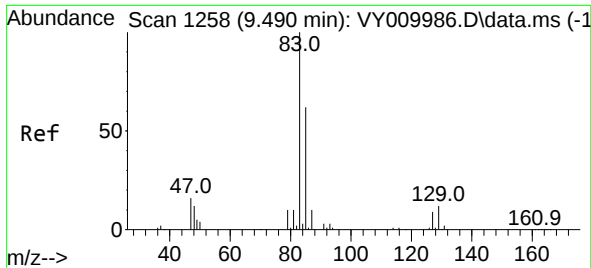
Ion Ratio Lower Upper

93 100

95 81.2 66.3 99.5

174 100.3 80.6 120.8

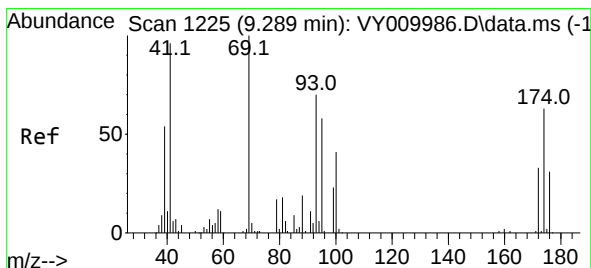
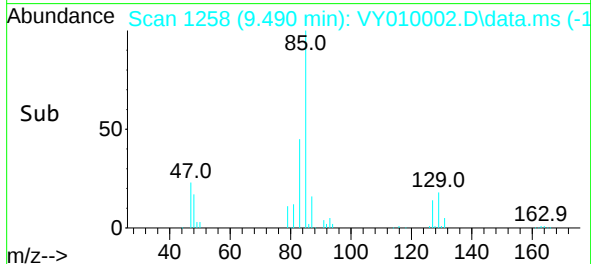
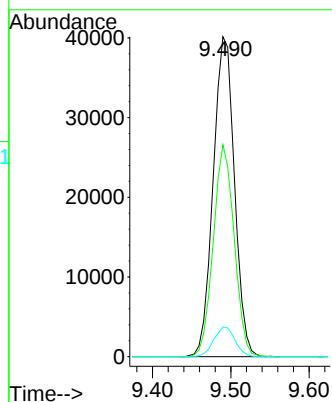
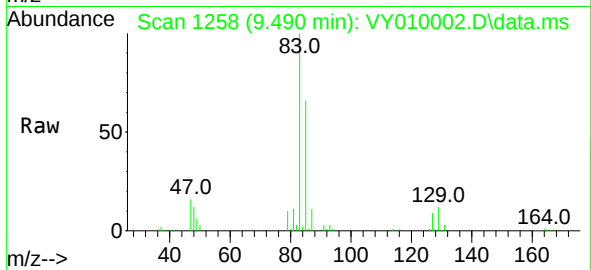




#47
Bromodichloromethane
Concen: 50.484 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

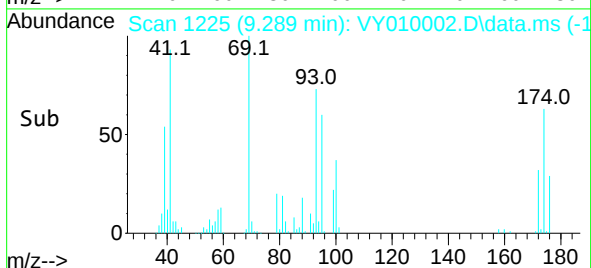
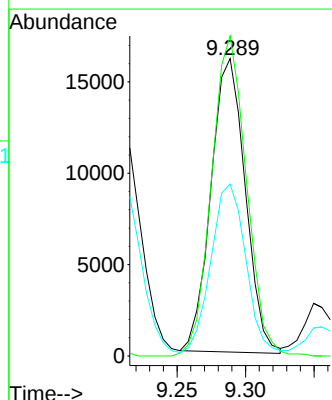
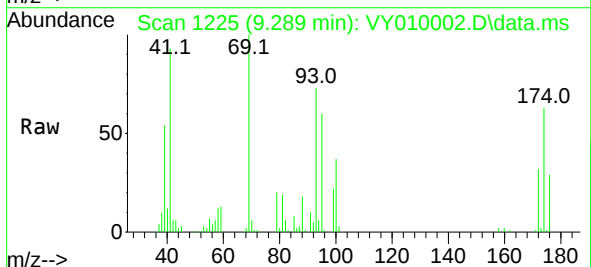
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

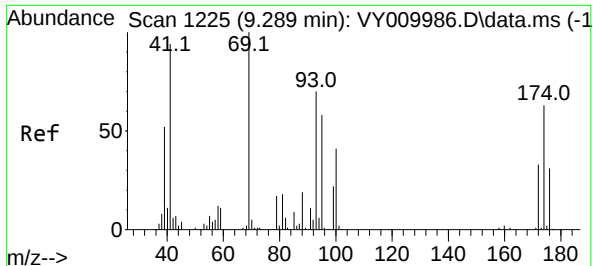
Tgt Ion: 83 Resp: 75775
Ion Ratio Lower Upper
83 100
85 66.3 51.2 76.8
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 43.983 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 41 Resp: 27922
Ion Ratio Lower Upper
41 100
69 110.7 73.2 109.8
39 58.5 47.5 71.3





#49

1,4-Dioxane

Concen: 945.536 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

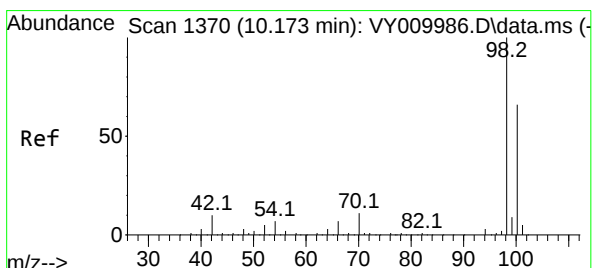
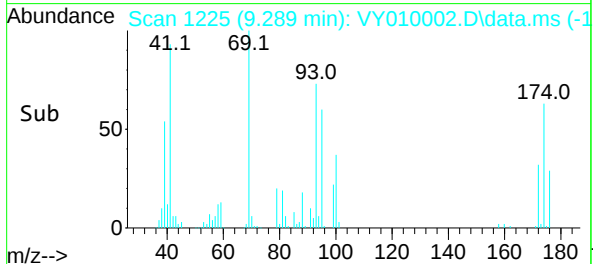
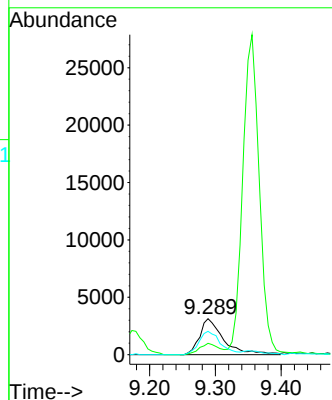
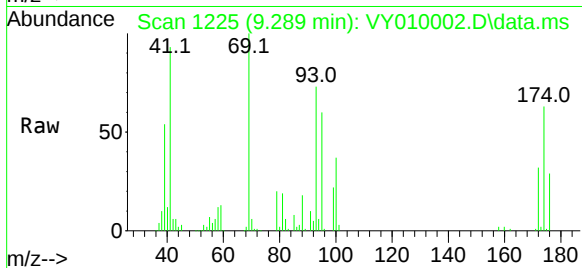
Tgt Ion: 88 Resp: 7975

Ion Ratio Lower Upper

88 100

43 25.3 26.3 39.5#

58 58.6 52.6 79.0



#50

Toluene-d8

Concen: 52.635 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010002.D

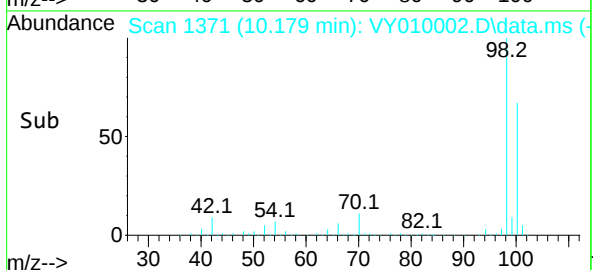
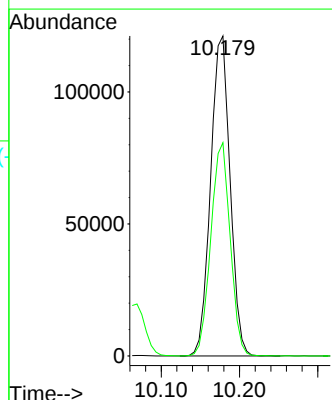
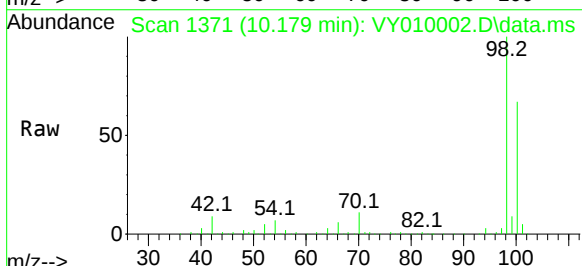
Acq: 14 Aug 2022 16:28

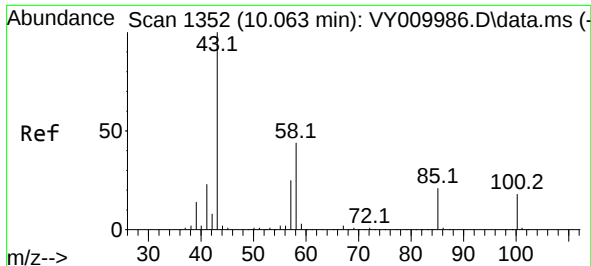
Tgt Ion: 98 Resp: 209173

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

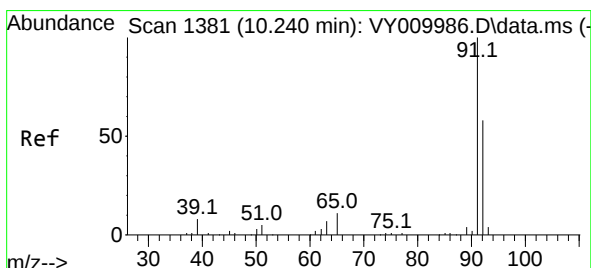
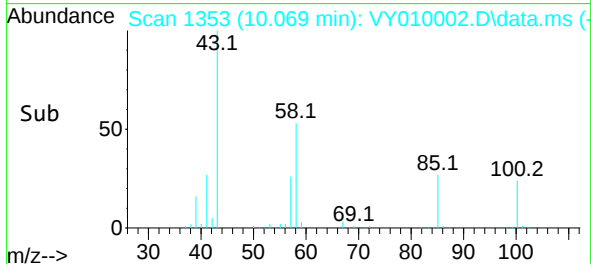
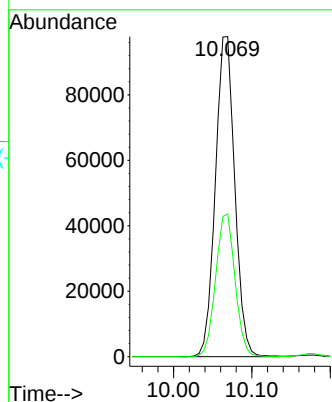
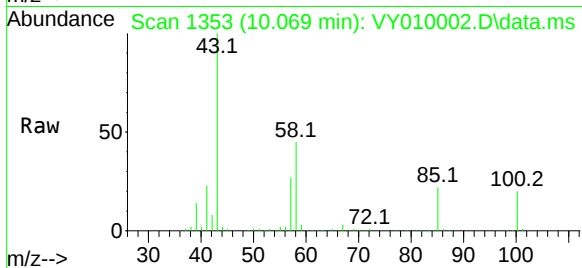




#51
4-Methyl-2-Pentanone
Concen: 214.789 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

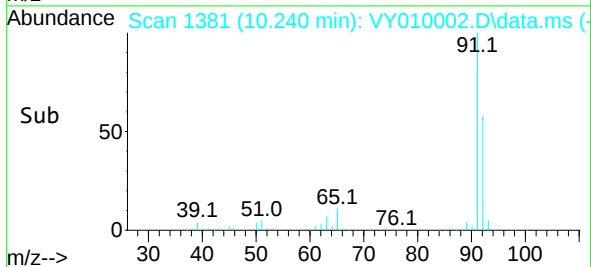
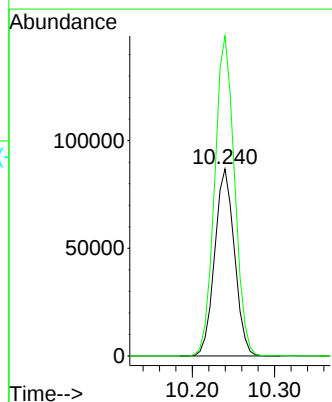
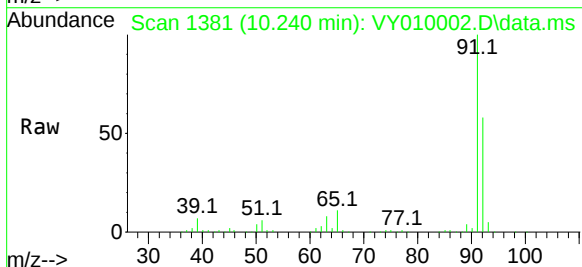
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

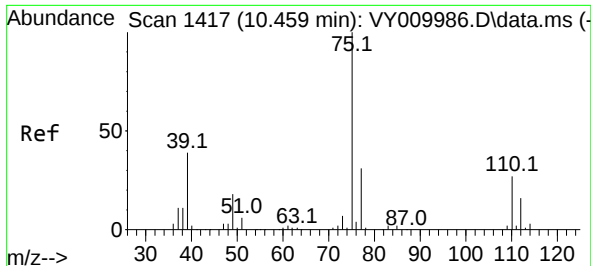
Tgt Ion: 43 Resp: 168487
Ion Ratio Lower Upper
43 100
58 44.6 31.5 47.3



#52
Toluene
Concen: 51.522 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 92 Resp: 145013
Ion Ratio Lower Upper
92 100
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 49.377 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

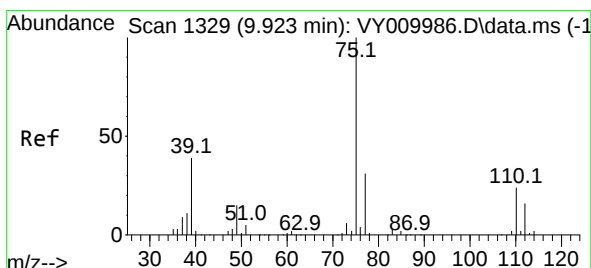
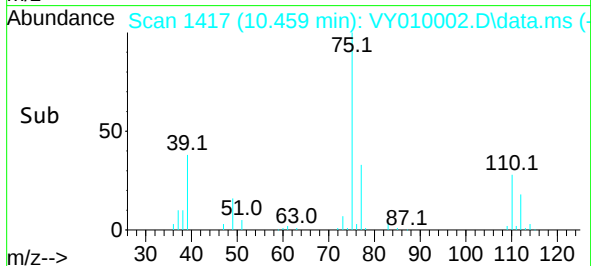
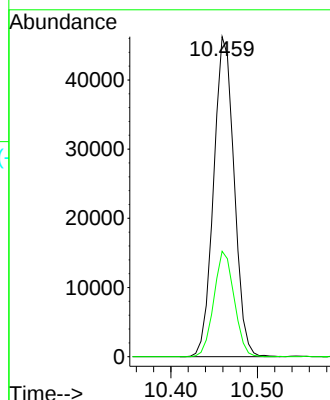
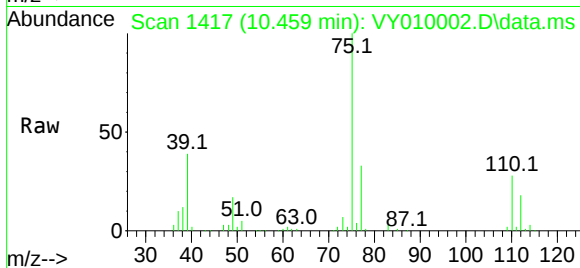
VSTDCCC050

Tgt Ion: 75 Resp: 76167

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.612 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

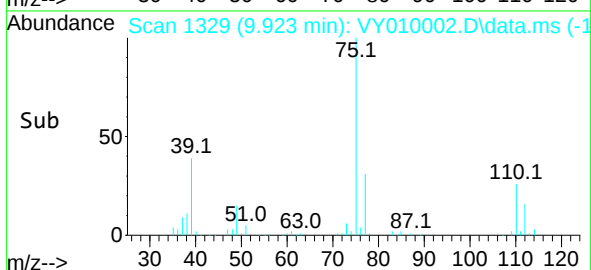
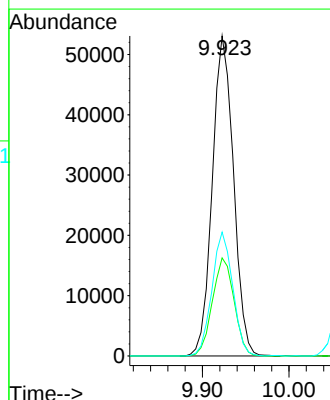
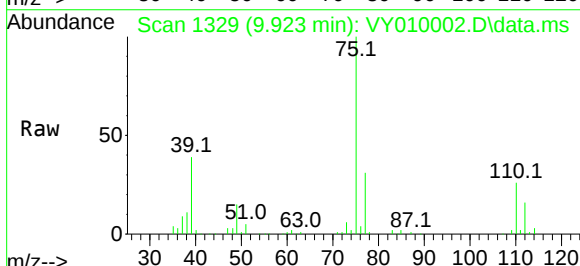
Tgt Ion: 75 Resp: 90271

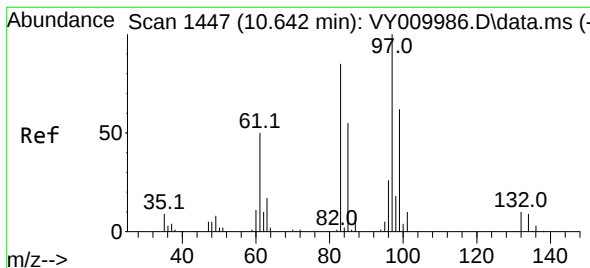
Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 38.7 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 49.158 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 47467

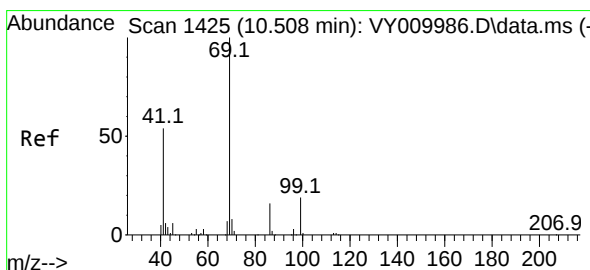
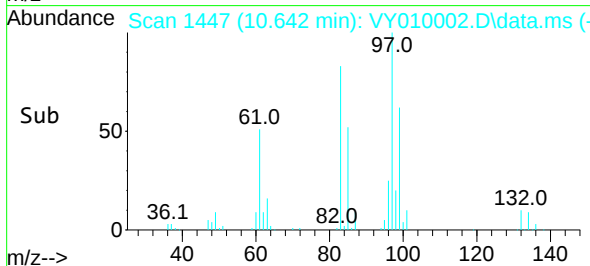
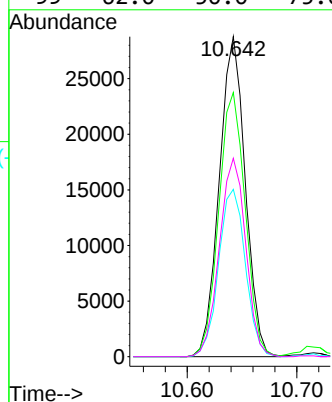
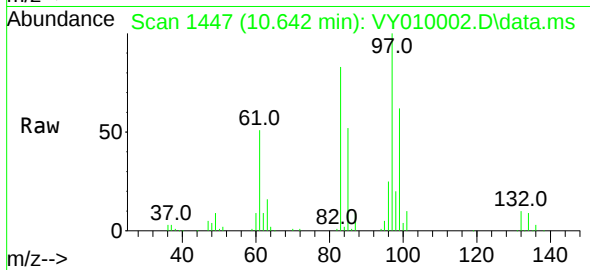
Ion Ratio Lower Upper

97 100

83 82.5 66.9 100.3

85 52.3 44.2 66.4

99 62.0 50.0 75.0



#56

Ethyl methacrylate

Concen: 49.657 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

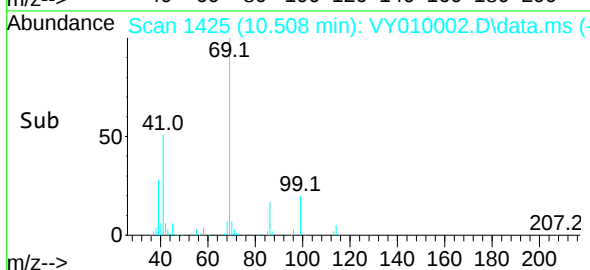
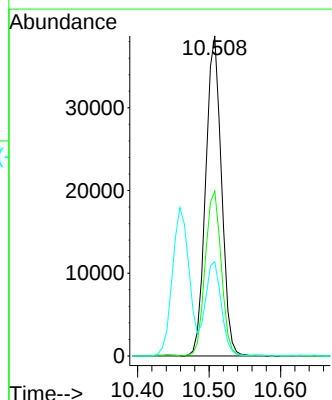
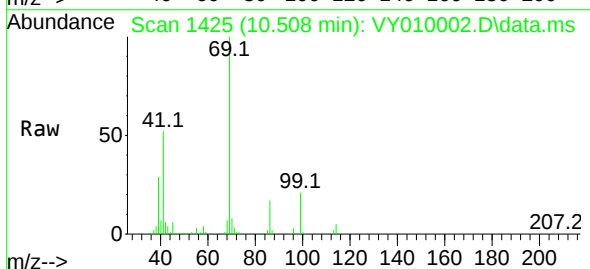
Tgt Ion: 69 Resp: 59285

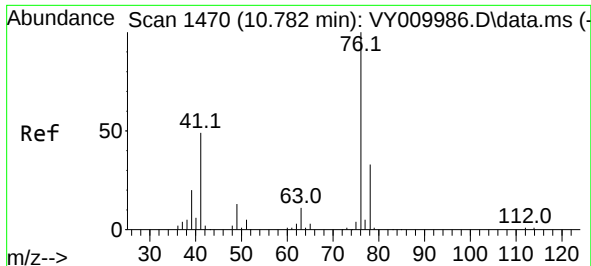
Ion Ratio Lower Upper

69 100

41 52.5 50.4 75.6

39 29.5 27.6 41.4

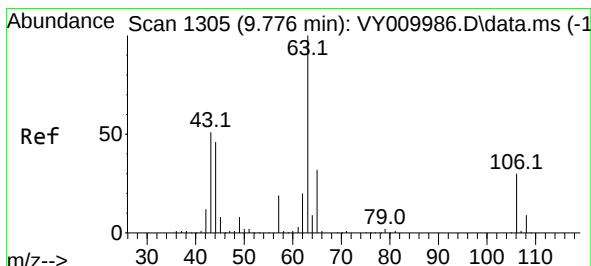
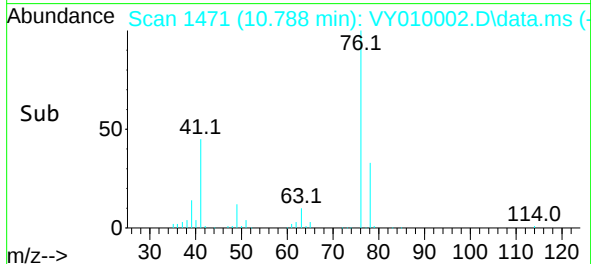
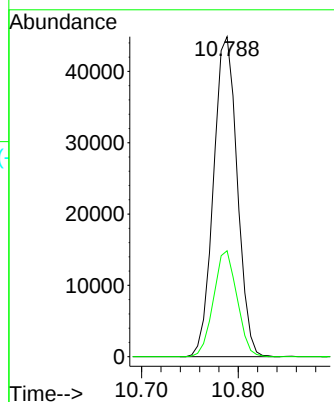
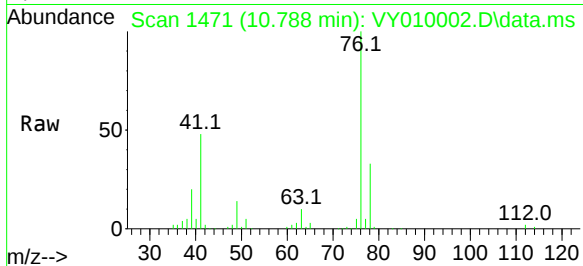




#57
1,3-Dichloropropane
Concen: 48.730 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

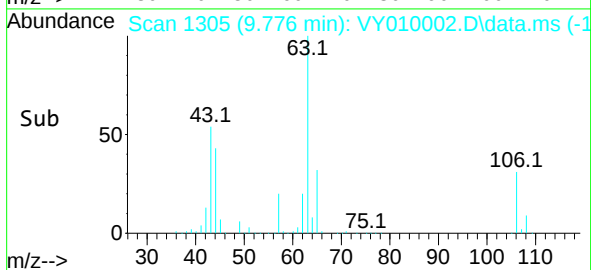
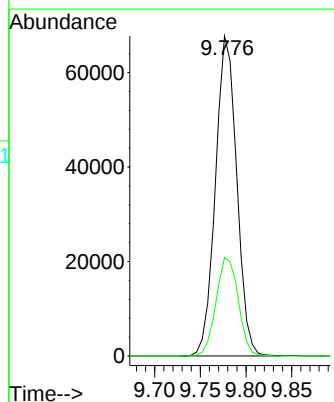
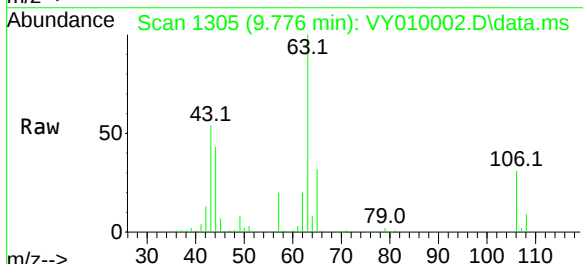
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

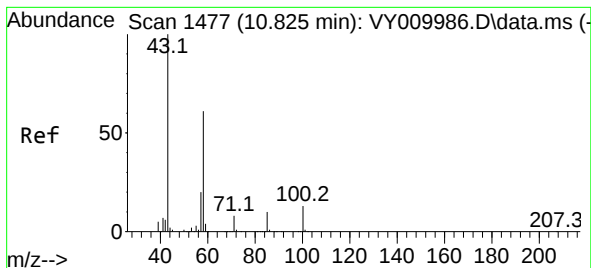
Tgt Ion: 76 Resp: 76324
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 210.393 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 63 Resp: 109945
Ion Ratio Lower Upper
63 100
106 32.1 23.3 34.9

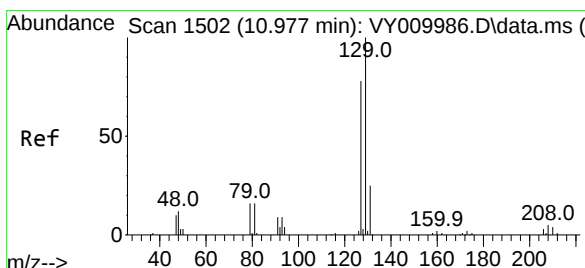
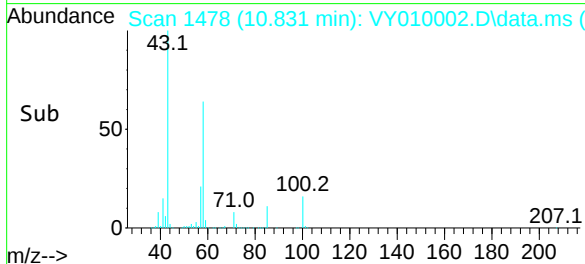
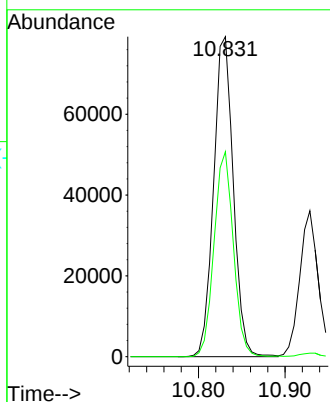
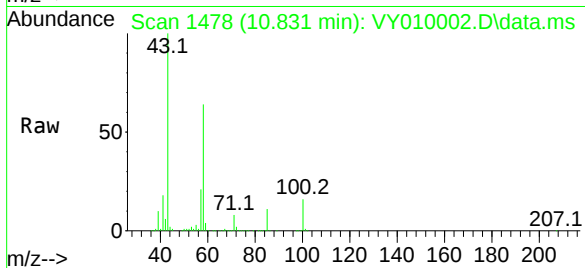




#59
2-Hexanone
Concen: 231.084 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

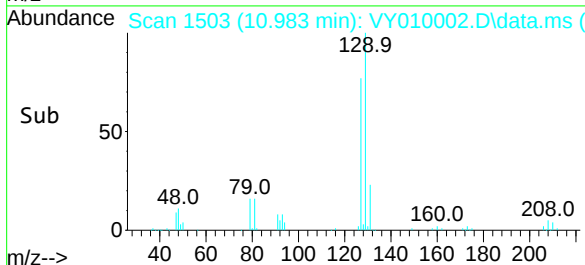
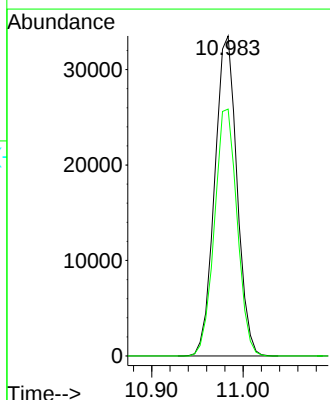
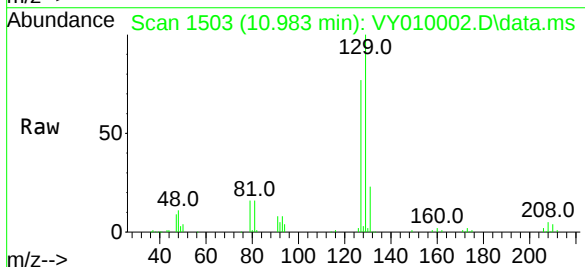
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

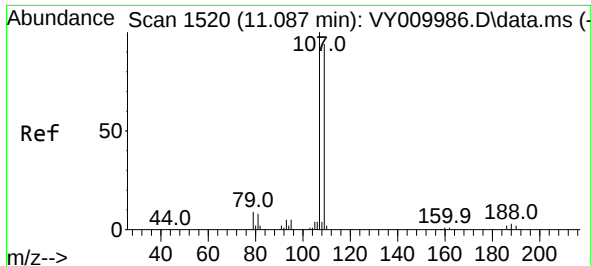
Tgt Ion: 43 Resp: 125083
Ion Ratio Lower Upper
43 100
58 62.8 27.6 82.8



#60
Dibromochloromethane
Concen: 51.507 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 129 Resp: 56802
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

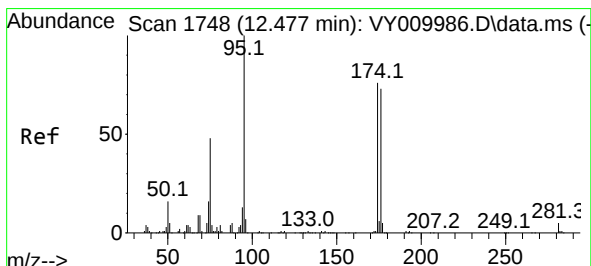
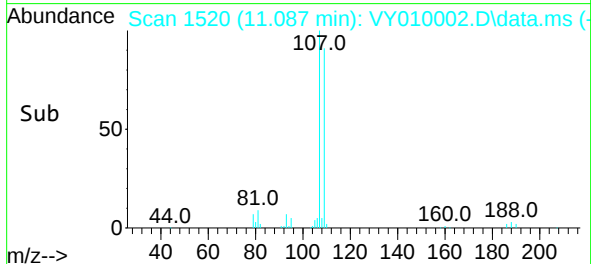
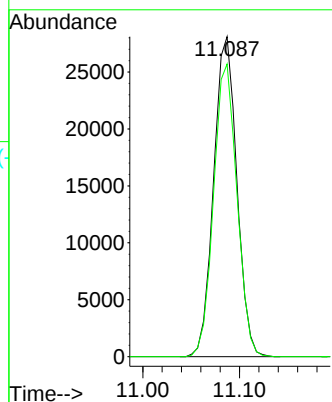
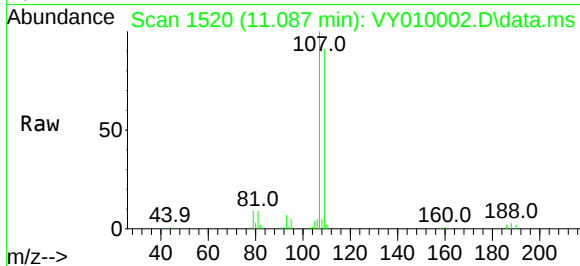




#61
1,2-Dibromoethane
Concen: 50.517 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

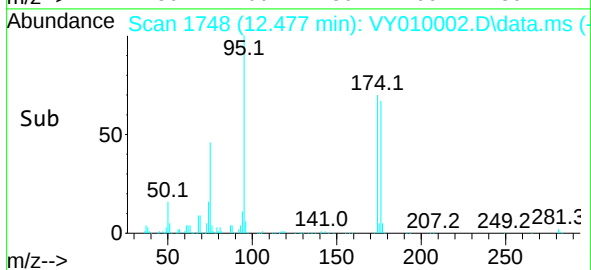
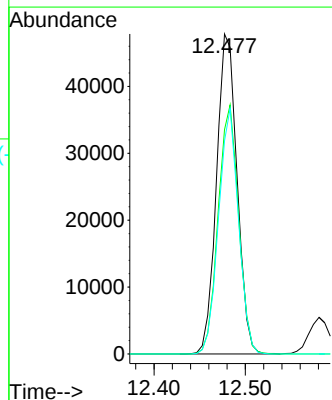
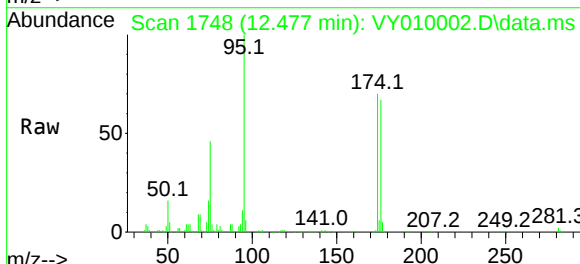
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

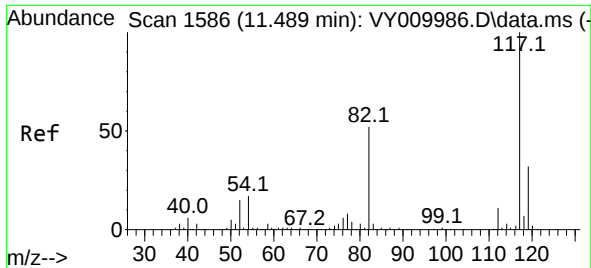
Tgt Ion:107 Resp: 46719
Ion Ratio Lower Upper
107 100
109 92.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 95 Resp: 74745
Ion Ratio Lower Upper
95 100
174 77.3 0.0 173.8
176 74.1 0.0 167.0

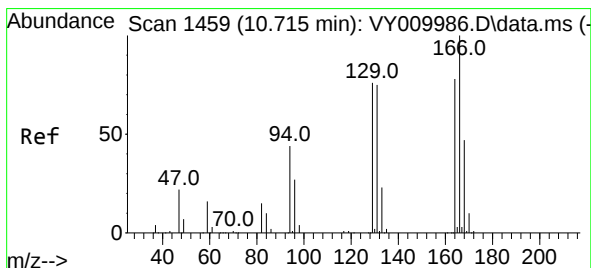
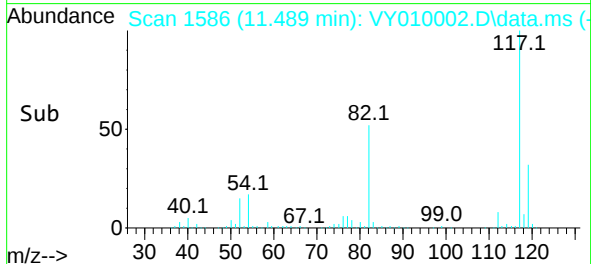
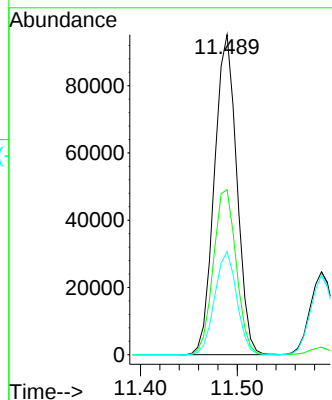
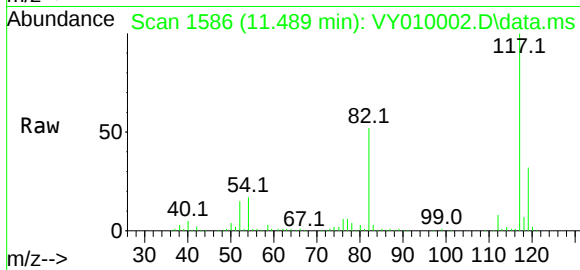




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

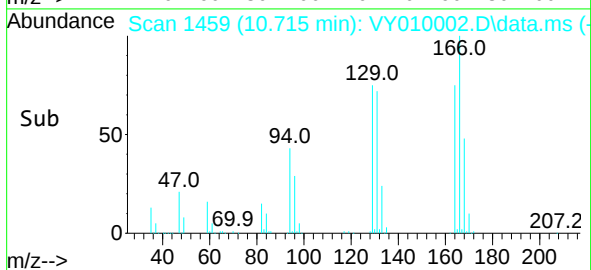
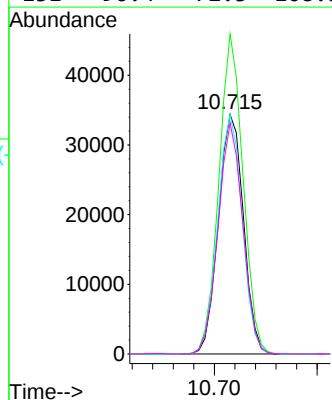
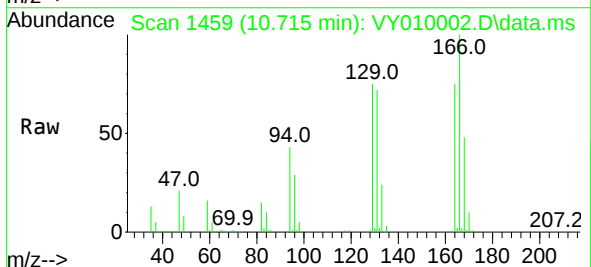
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

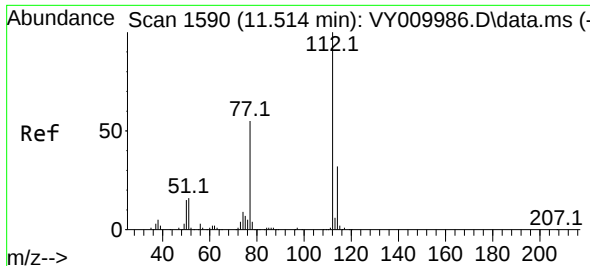
Tgt Ion:117 Resp: 152999
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 52.015 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion:164 Resp: 58139
Ion Ratio Lower Upper
164 100
166 133.6 104.9 157.3
129 99.8 76.5 114.7
131 96.4 72.3 108.5

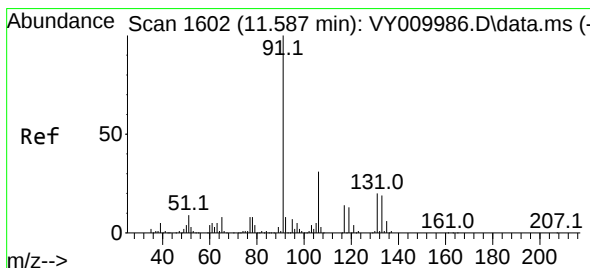
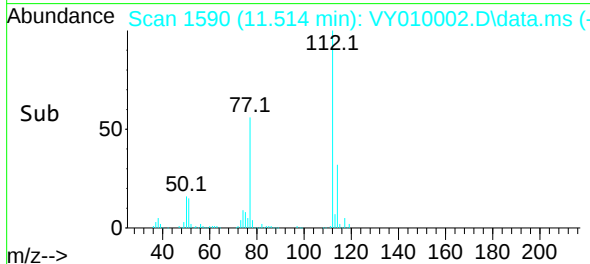
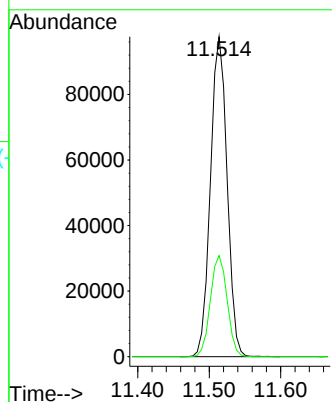
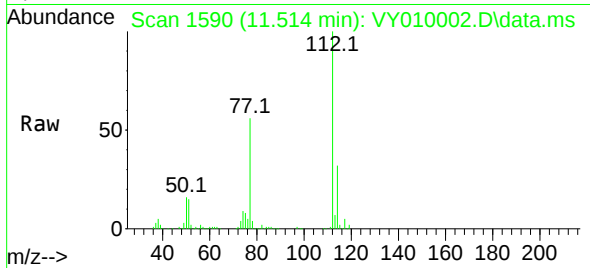




#65
Chlorobenzene
Concen: 50.776 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

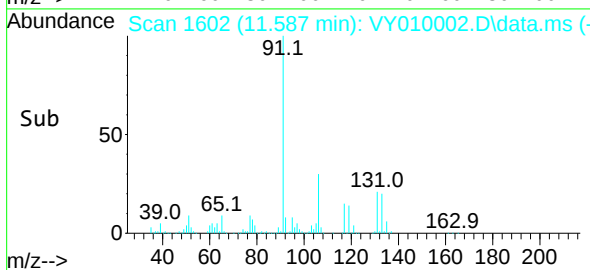
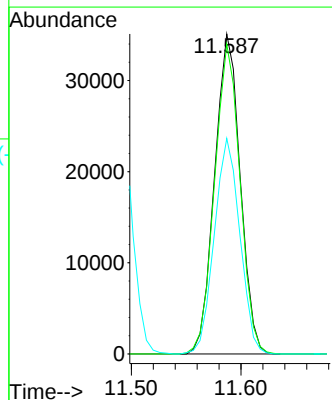
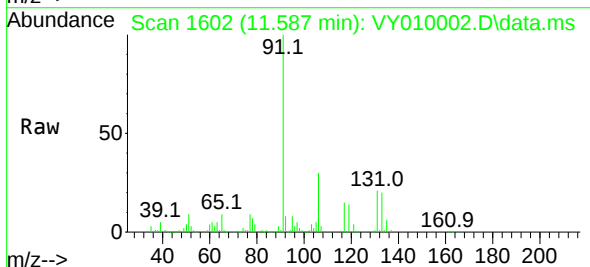
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

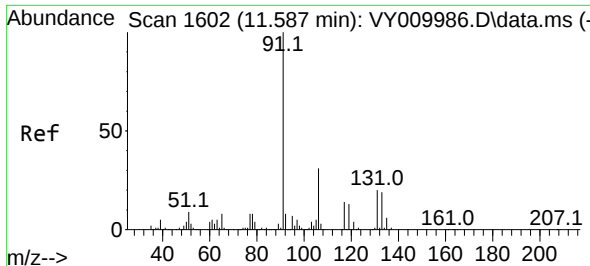
Tgt Ion:112 Resp: 157691
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.433 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion:131 Resp: 56901
Ion Ratio Lower Upper
131 100
133 96.5 47.3 142.0
119 67.3 32.1 96.3

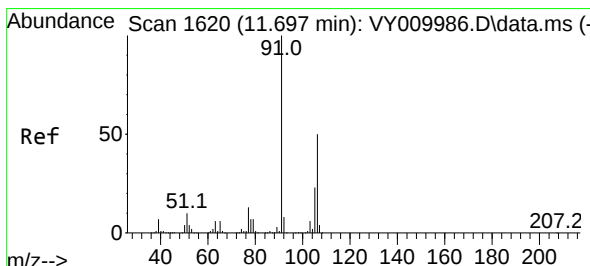
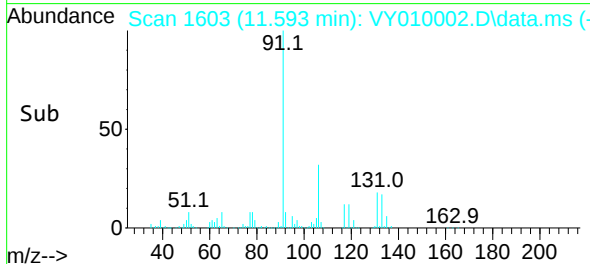
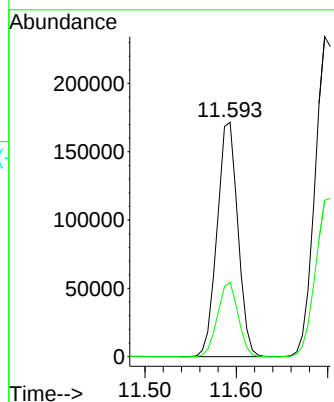
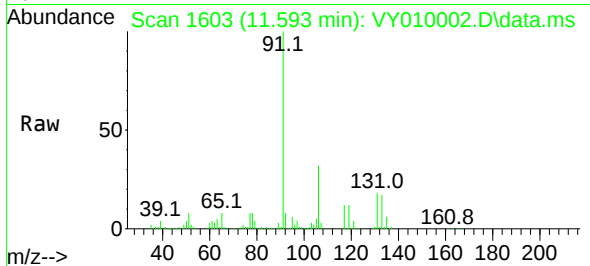




#67
Ethyl Benzene
Concen: 51.953 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

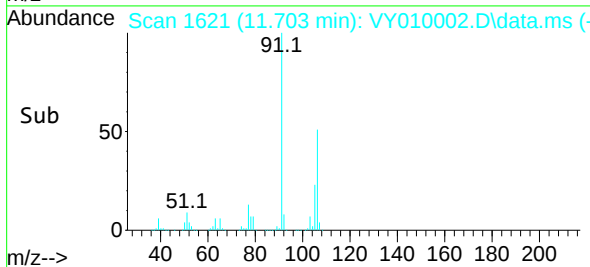
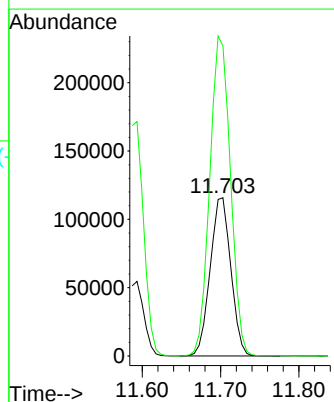
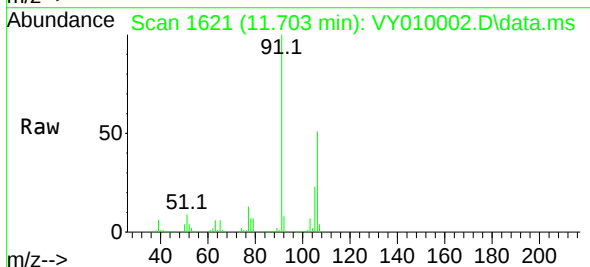
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

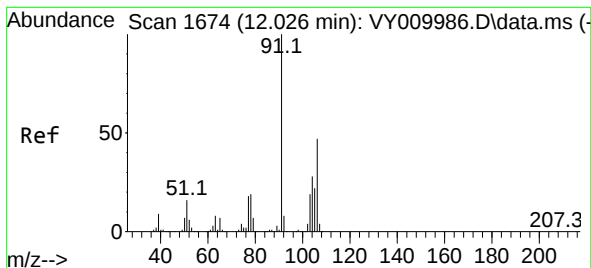
Tgt Ion: 91 Resp: 271280
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.4



#68
m/p-Xylenes
Concen: 104.843 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion:106 Resp: 211911
Ion Ratio Lower Upper
106 100
91 203.0 156.2 234.2





#69

o-Xylene

Concen: 52.016 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

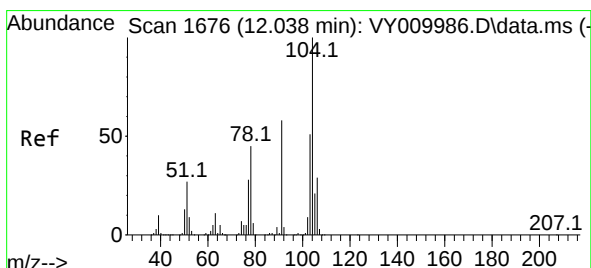
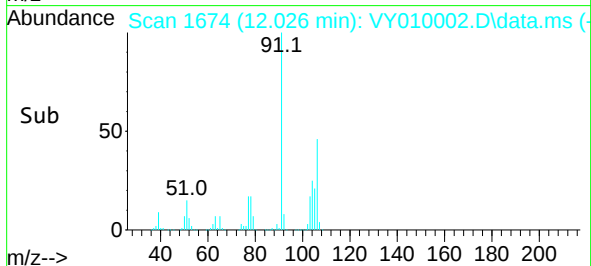
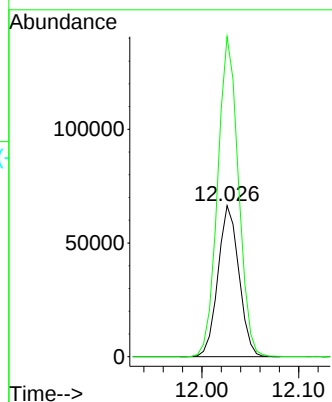
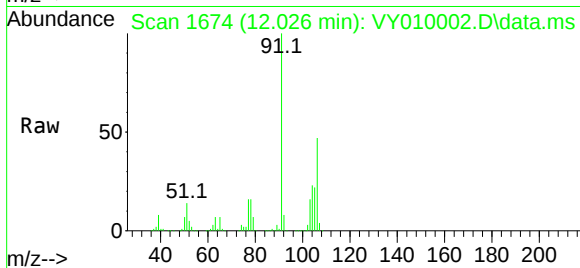
VSTDCCC050

Tgt Ion:106 Resp: 99708

Ion Ratio Lower Upper

106 100

91 210.6 103.2 309.4



#70

Styrene

Concen: 52.725 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

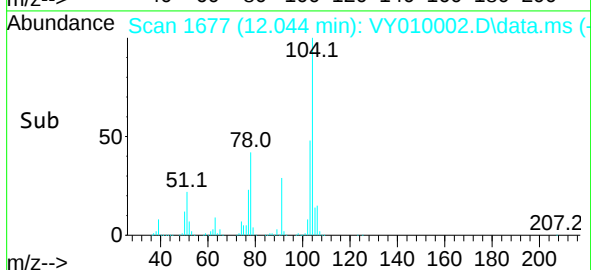
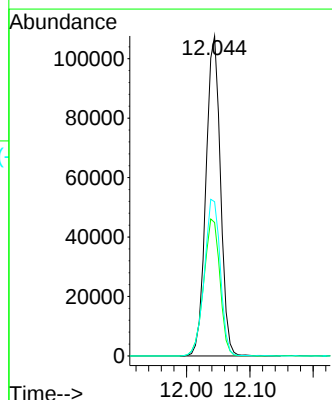
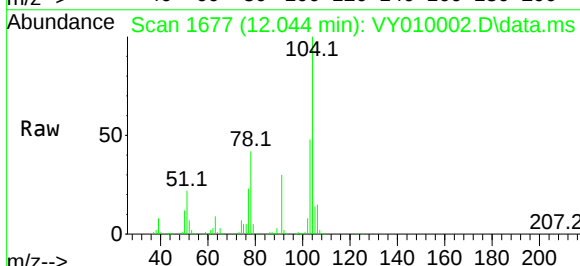
Tgt Ion:104 Resp: 172158

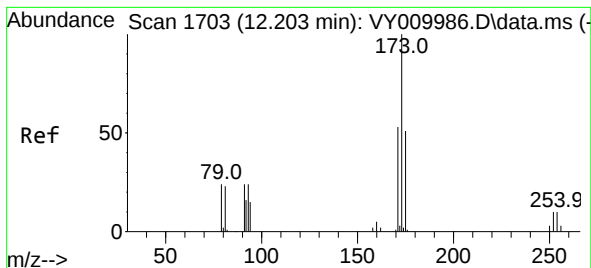
Ion Ratio Lower Upper

104 100

78 47.6 38.6 57.8

103 53.8 43.3 64.9





#71

Bromoform

Concen: 50.198 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

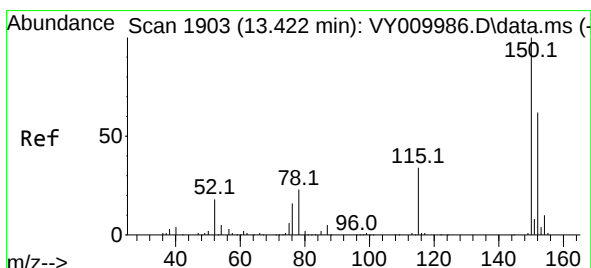
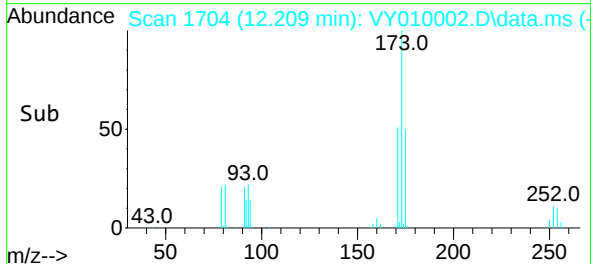
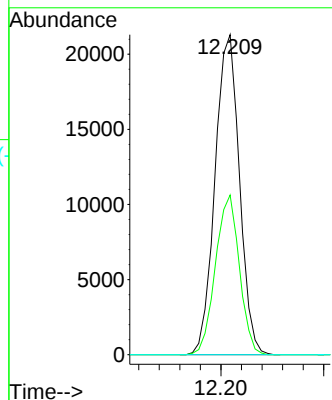
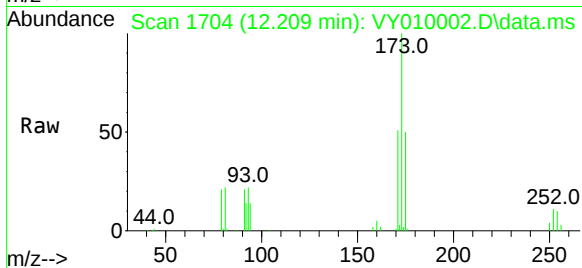
Tgt Ion:173 Resp: 35082

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

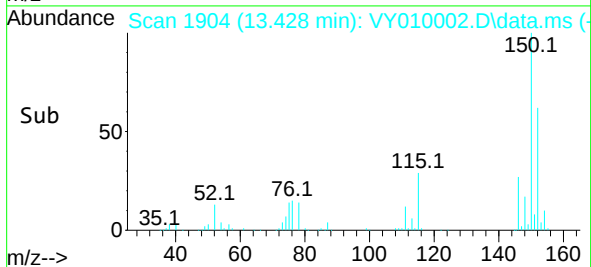
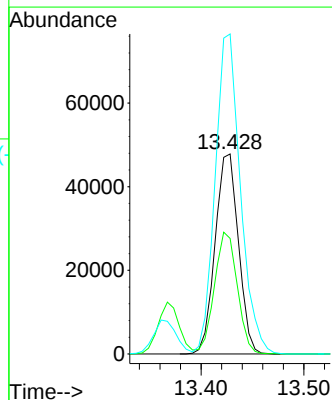
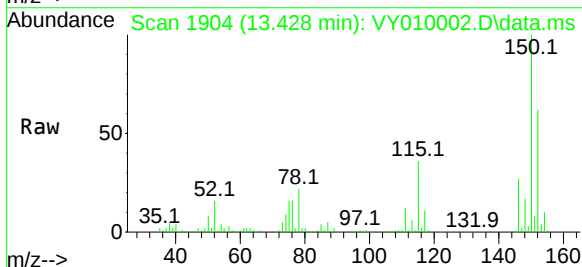
Tgt Ion:152 Resp: 75236

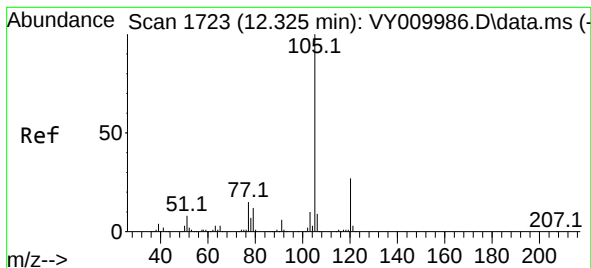
Ion Ratio Lower Upper

152 100

115 60.0 28.6 85.9

150 173.4 0.0 349.8





#73

Isopropylbenzene

Concen: 51.926 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

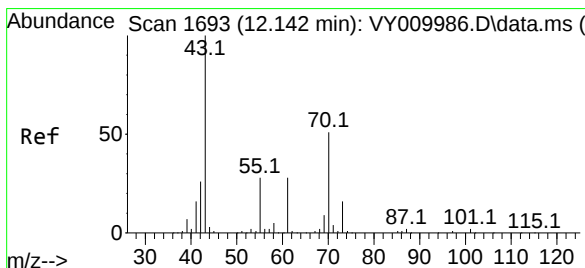
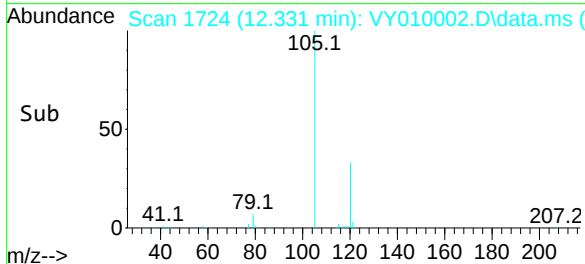
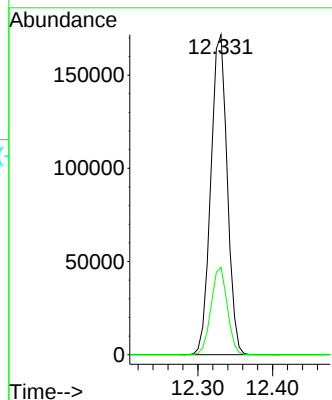
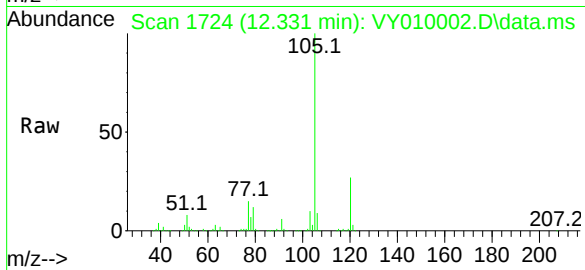
VSTDCCC050

Tgt Ion:105 Resp: 262201

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



#74

N-ethyl acetate

Concen: 43.626 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Tgt Ion: 43 Resp: 56352

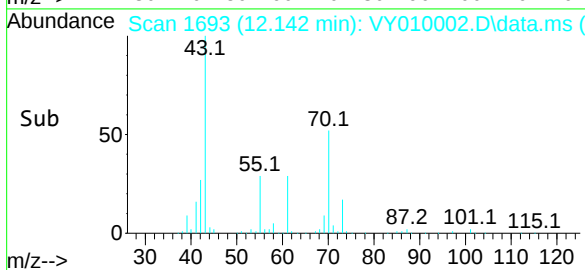
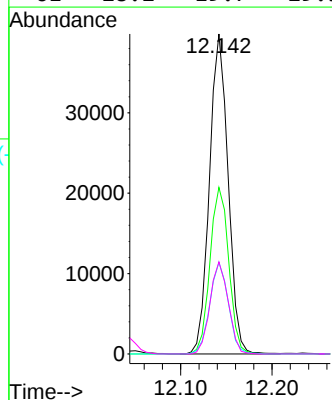
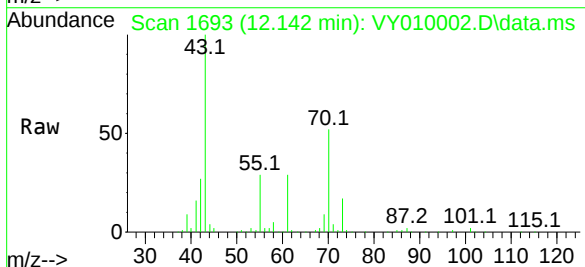
Ion Ratio Lower Upper

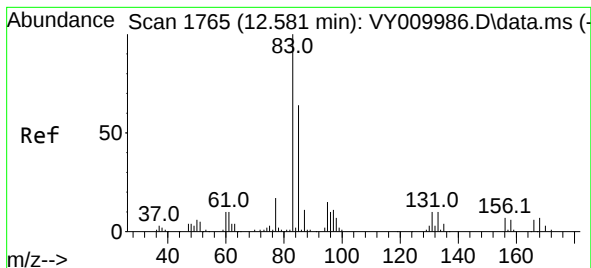
43 100

70 52.5 35.6 53.4

55 28.7 19.5 29.3

61 28.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.560 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

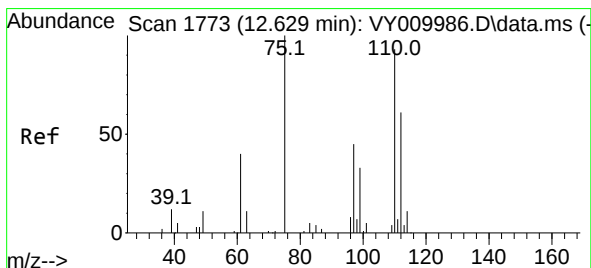
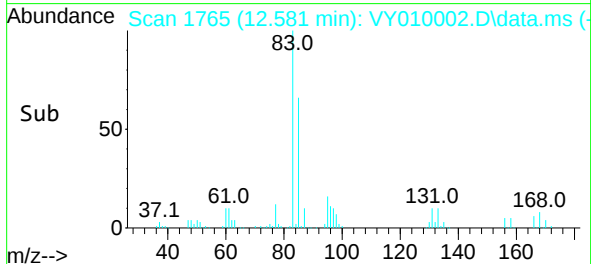
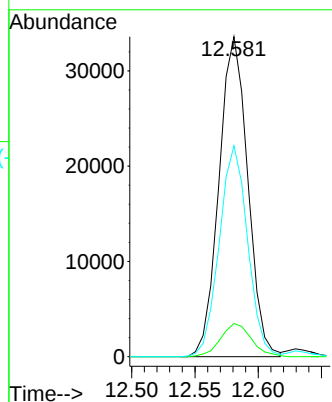
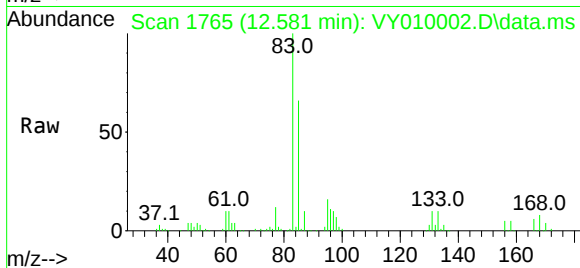
Tgt Ion: 83 Resp: 53099

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 65.0 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 79.401 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY010002.D

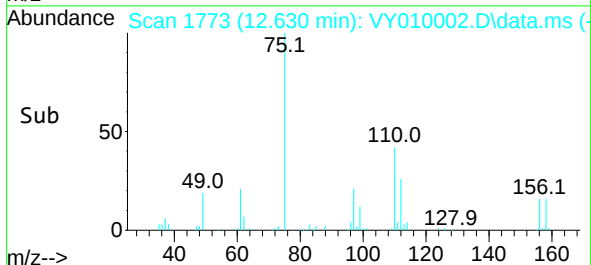
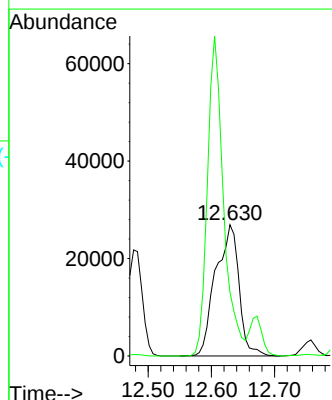
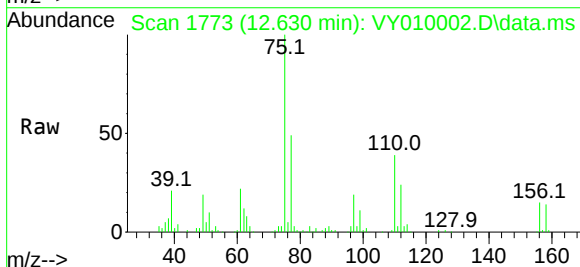
Acq: 14 Aug 2022 16:28

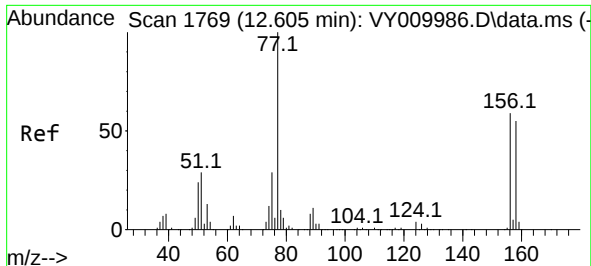
Tgt Ion: 75 Resp: 69033

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

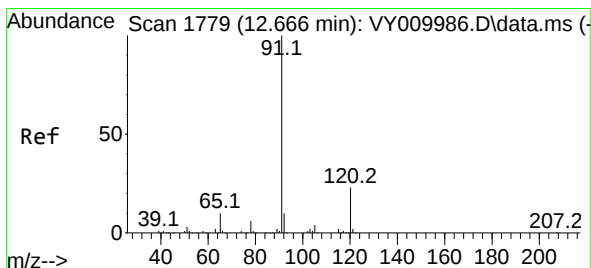
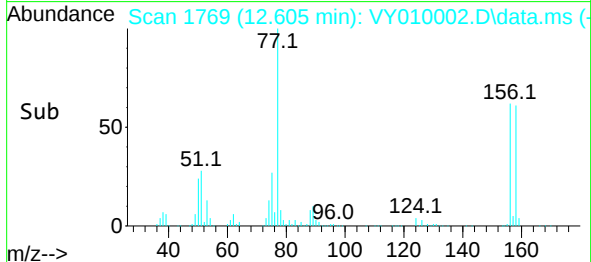
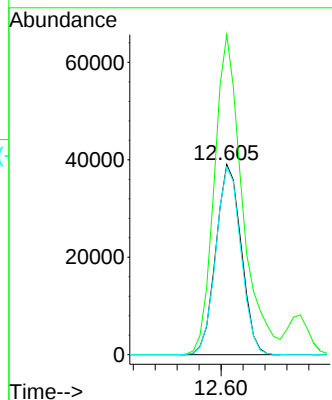
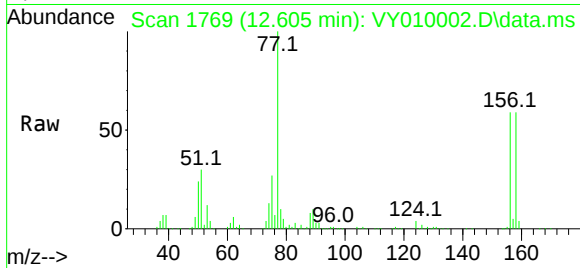




#77
Bromobenzene
Concen: 51.321 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

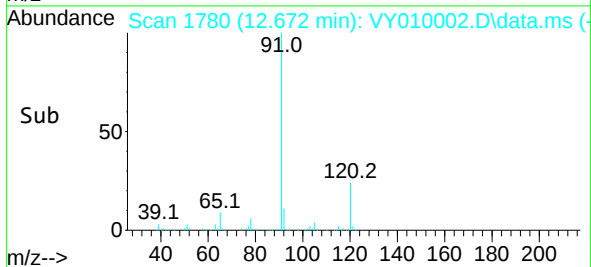
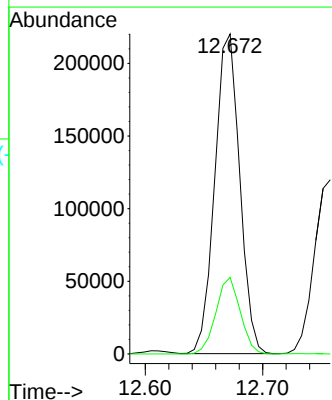
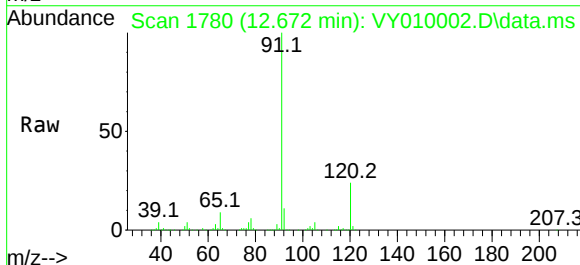
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

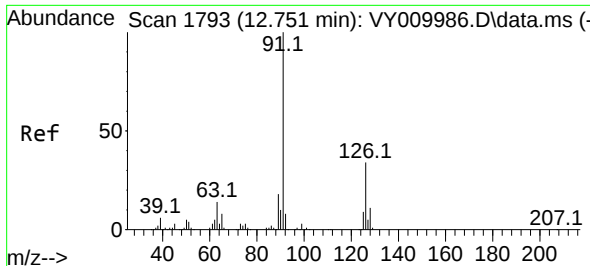
Tgt Ion:156 Resp: 62692
Ion Ratio Lower Upper
156 100
77 186.8 88.1 264.3
158 97.6 48.6 145.8



#78
n-propylbenzene
Concen: 51.229 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 91 Resp: 324659
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

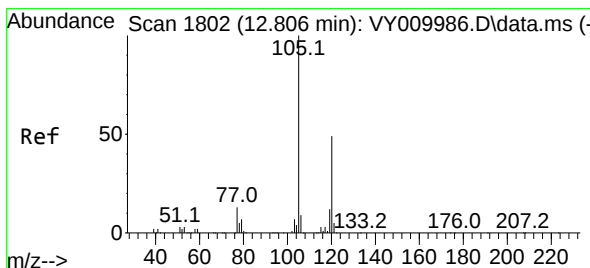
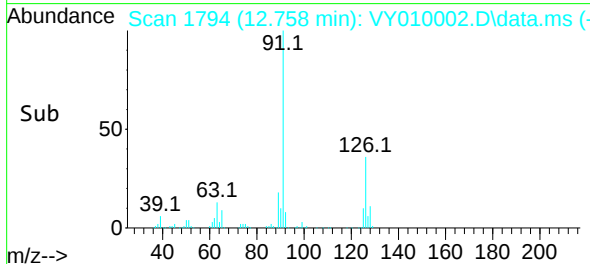
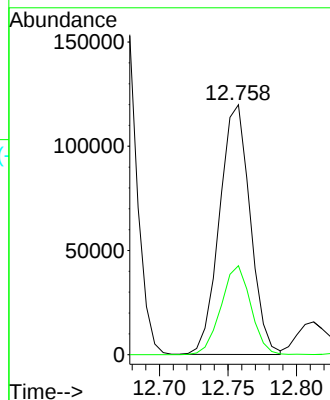
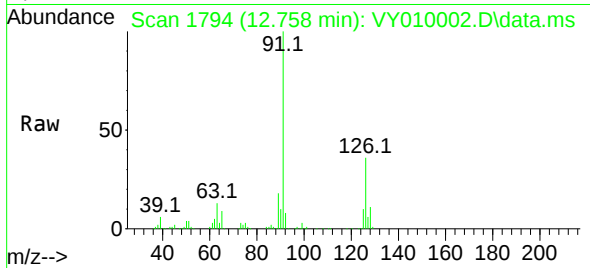




#79
2-Chlorotoluene
Concen: 51.839 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

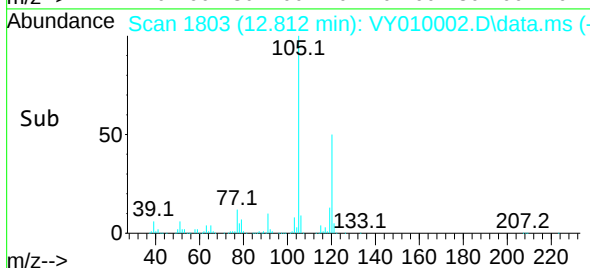
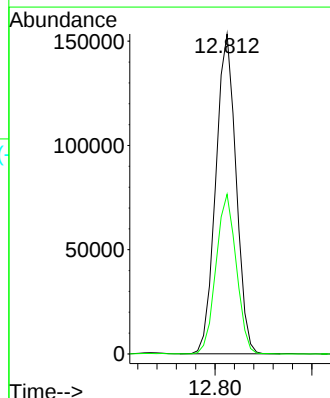
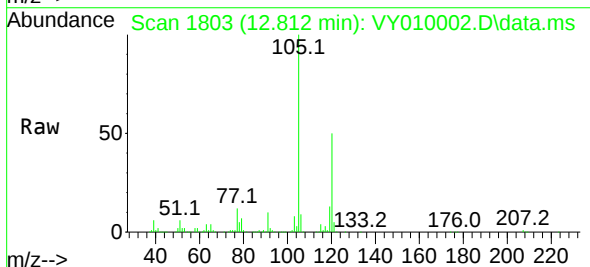
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

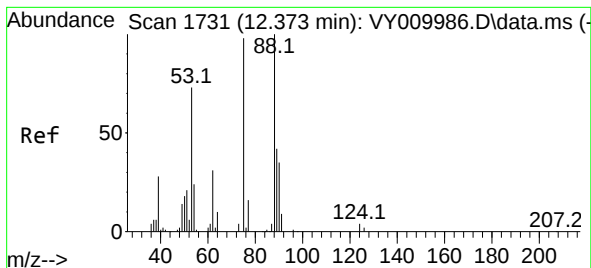
Tgt Ion: 91 Resp: 186611
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.040 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 105 Resp: 222954
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.8

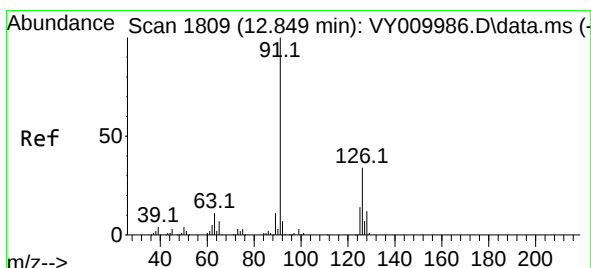
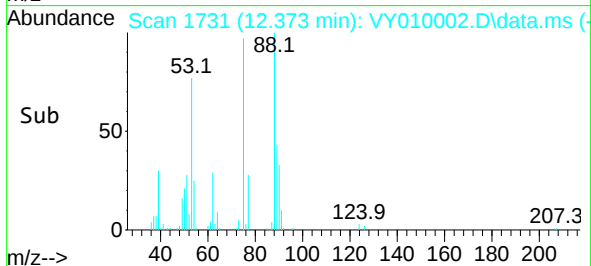
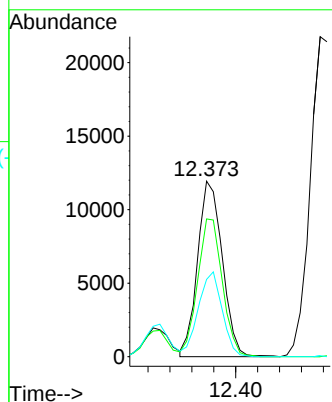
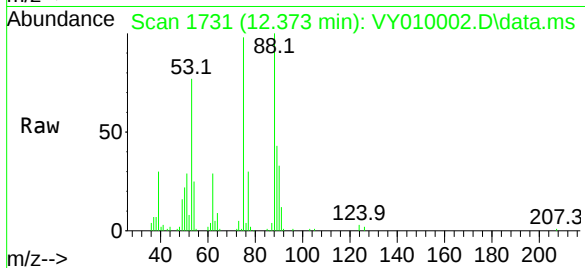




#81
trans-1,4-Dichloro-2-butene
Concen: 46.826 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

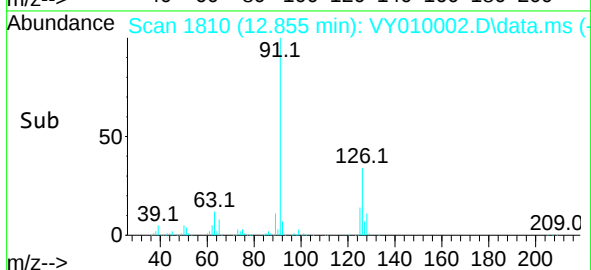
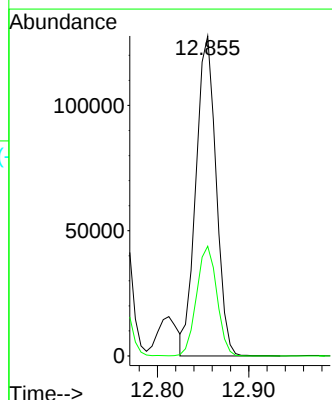
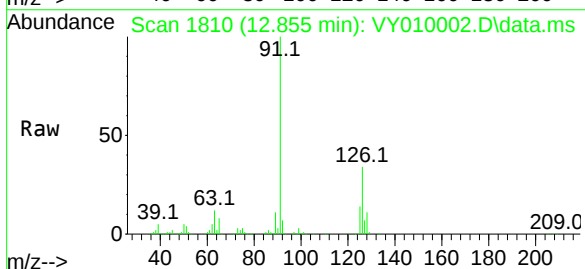
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

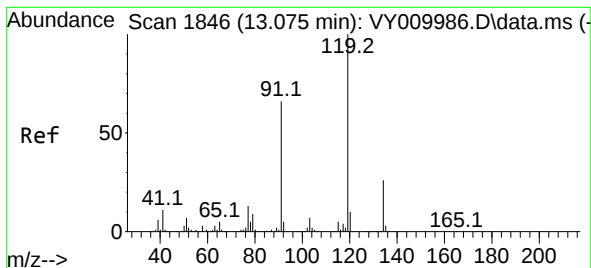
Tgt Ion: 75 Resp: 18728
Ion Ratio Lower Upper
75 100
53 78.4 71.4 107.2
89 46.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.207 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion: 91 Resp: 195775
Ion Ratio Lower Upper
91 100
126 34.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 52.329 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

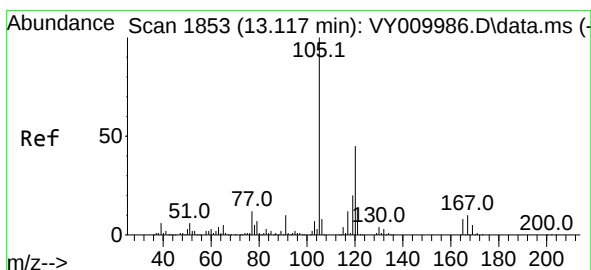
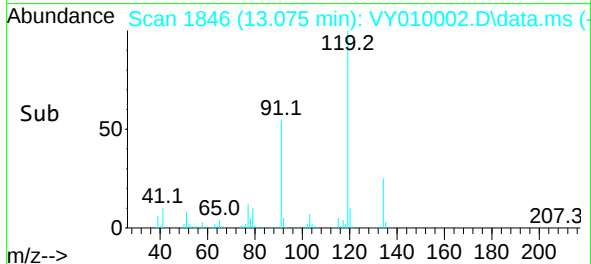
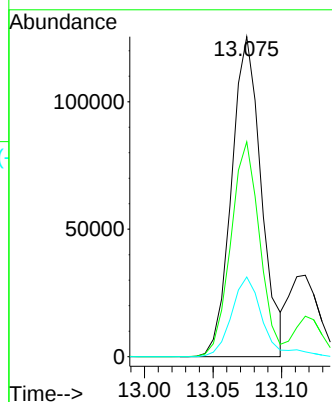
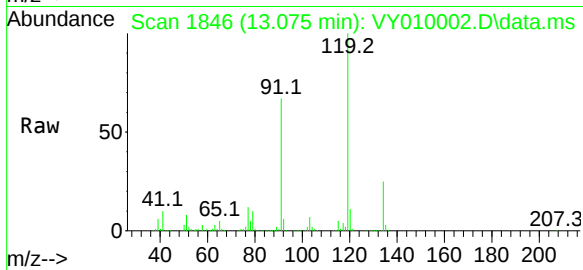
Tgt Ion:119 Resp: 189770

Ion Ratio Lower Upper

119 100

91 65.2 32.0 96.0

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 54.392 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010002.D

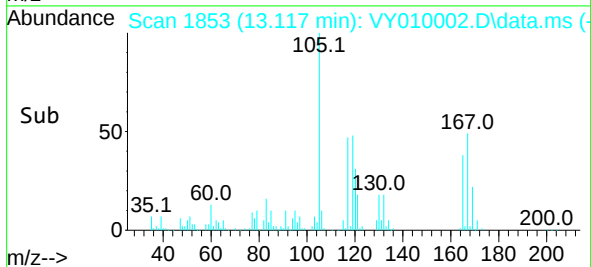
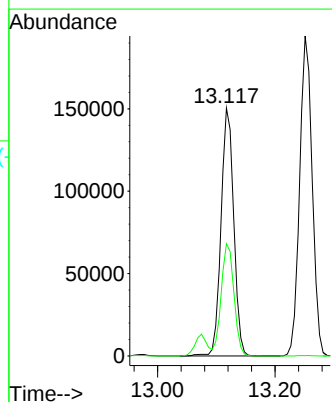
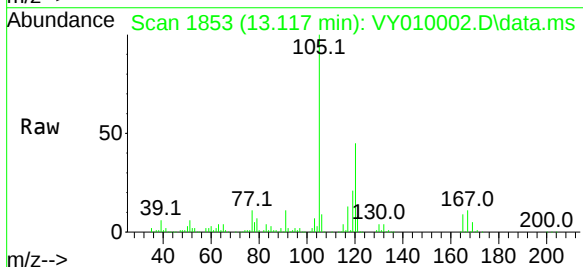
Acq: 14 Aug 2022 16:28

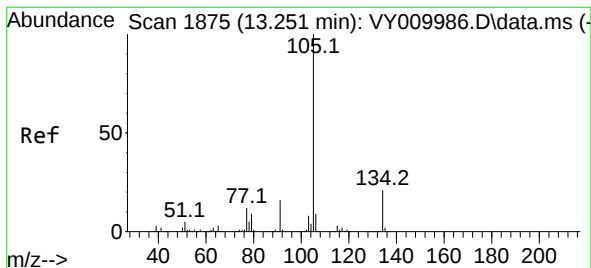
Tgt Ion:105 Resp: 225342

Ion Ratio Lower Upper

105 100

120 45.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.779 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

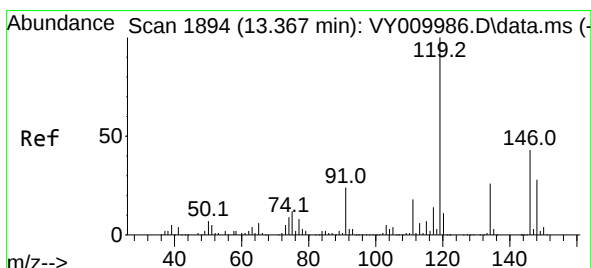
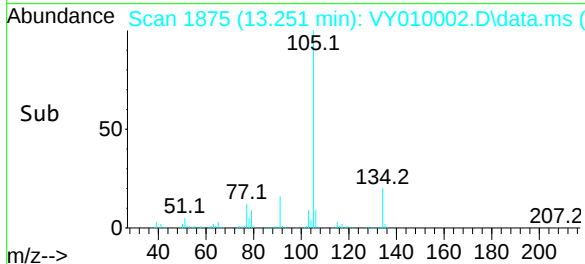
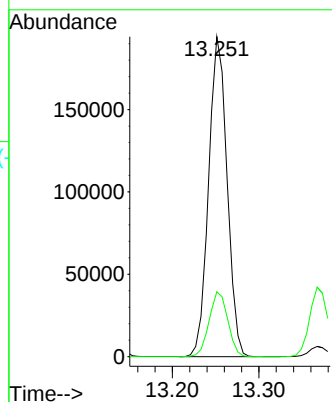
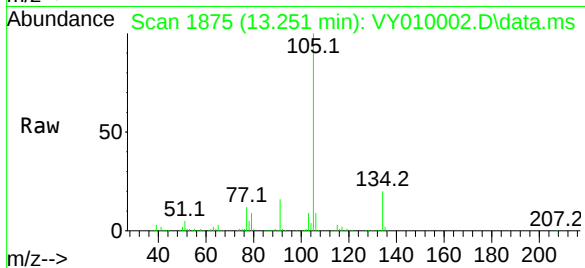
VSTDCCC050

Tgt Ion:105 Resp: 287680

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.6



#86

p-Isopropyltoluene

Concen: 53.822 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

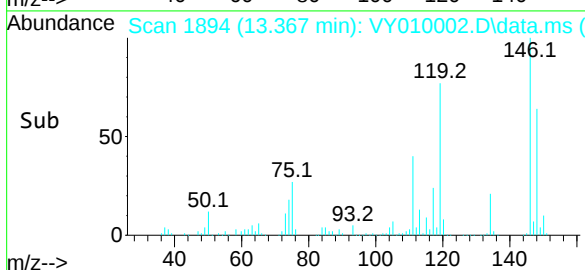
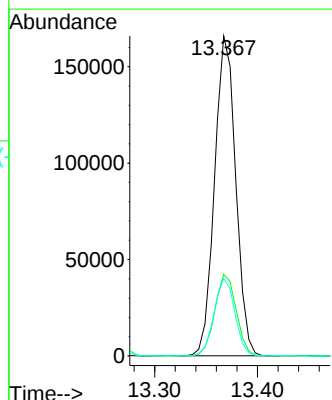
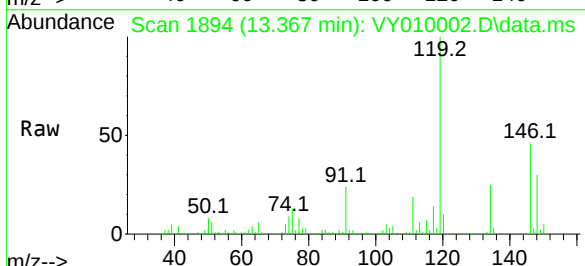
Tgt Ion:119 Resp: 236043

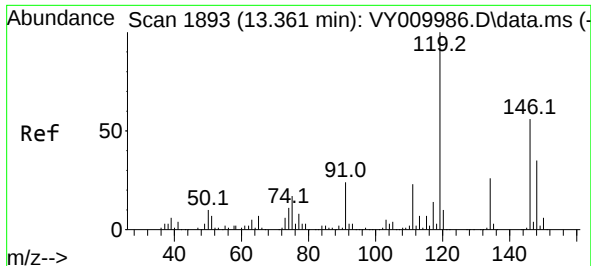
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

91 23.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.774 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

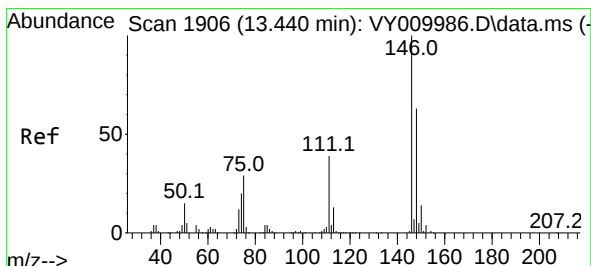
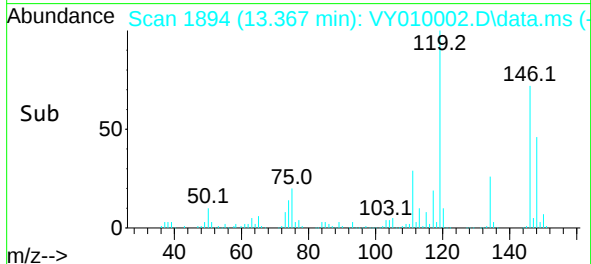
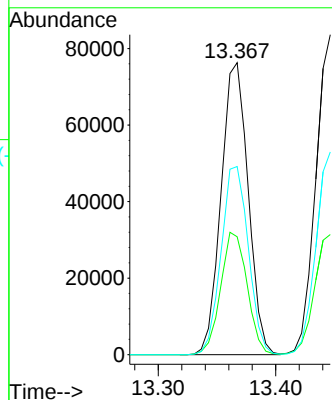
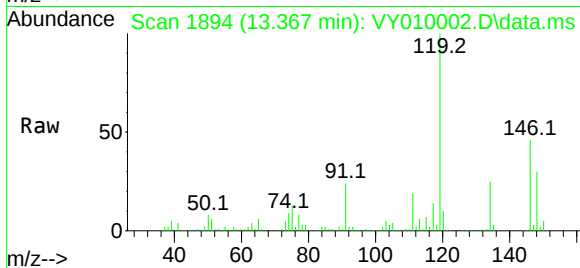
Tgt Ion:146 Resp: 122257

Ion Ratio Lower Upper

146 100

111 41.1 19.1 57.3

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.332 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

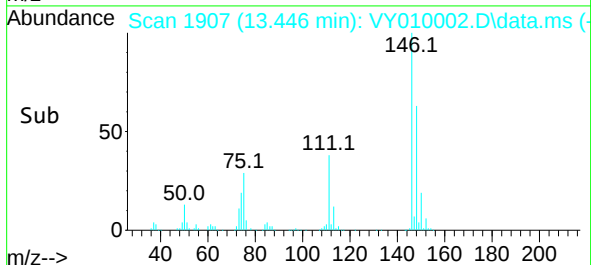
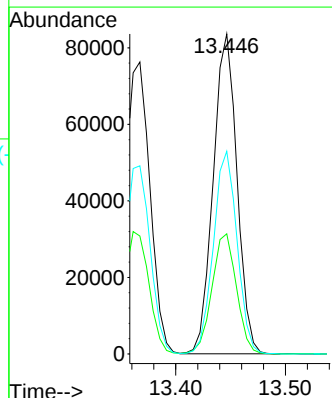
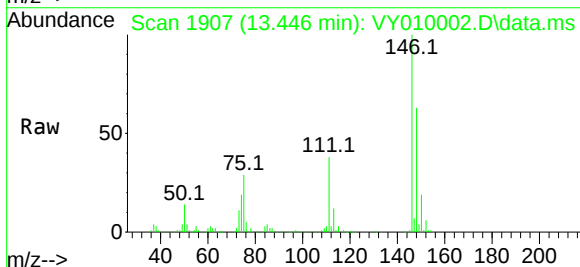
Tgt Ion:146 Resp: 125989

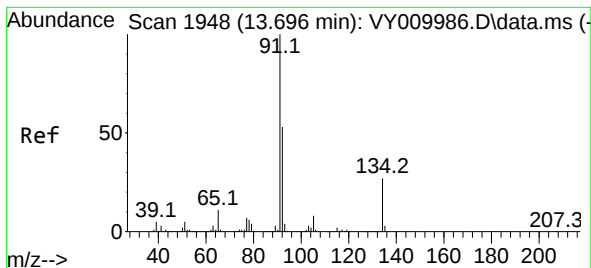
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.9

148 63.4 31.6 95.0





#89

n-Butylbenzene

Concen: 53.290 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

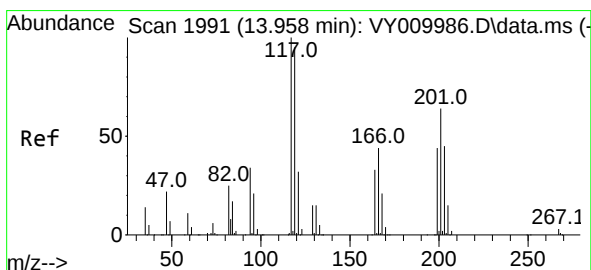
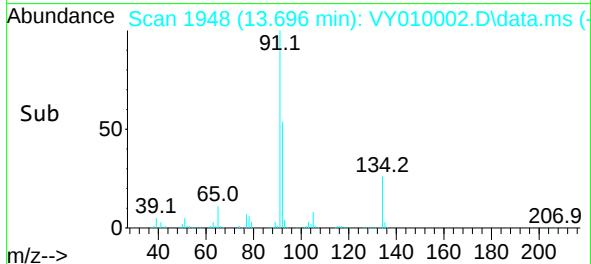
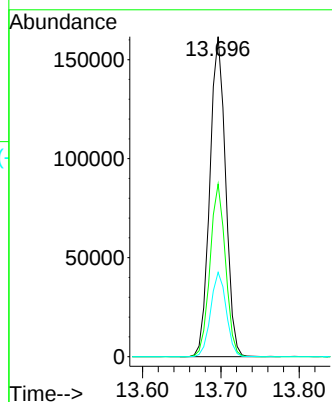
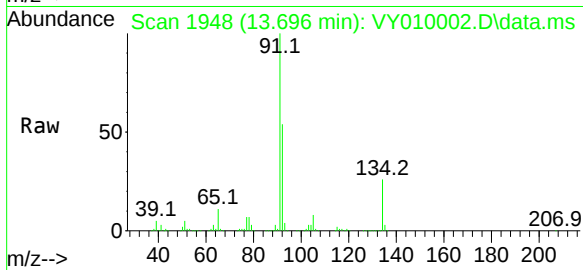
Tgt Ion: 91 Resp: 225651

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 26.0 14.0 41.9



#90

Hexachloroethane

Concen: 50.754 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY010002.D

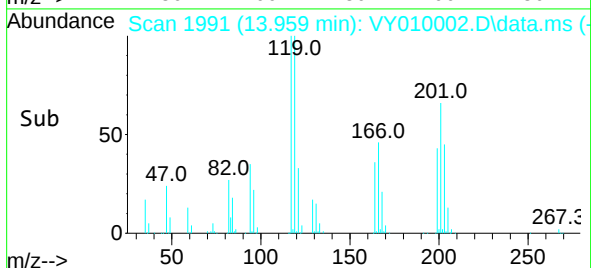
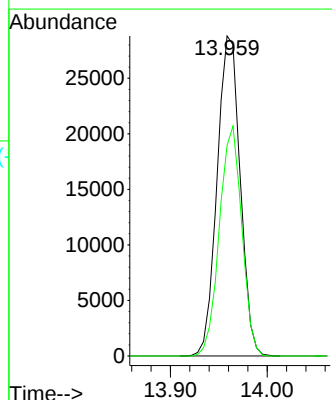
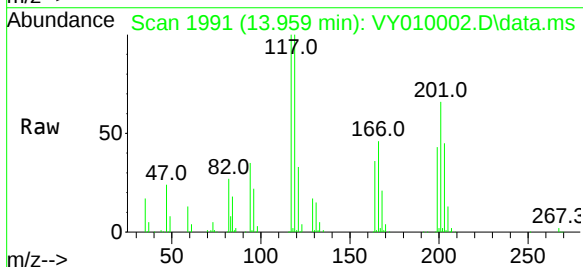
Acq: 14 Aug 2022 16:28

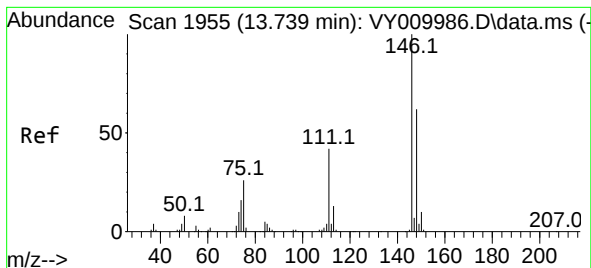
Tgt Ion: 117 Resp: 47733

Ion Ratio Lower Upper

117 100

201 69.6 38.8 116.3

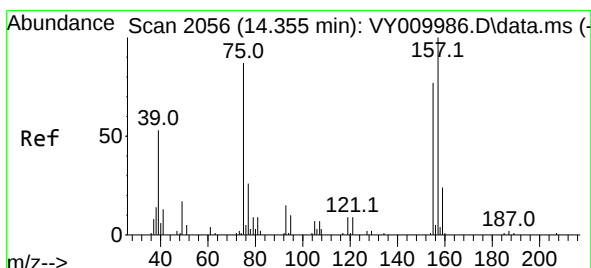
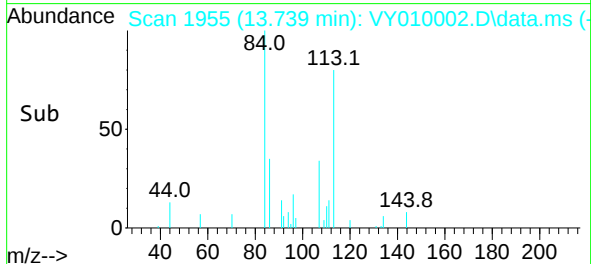
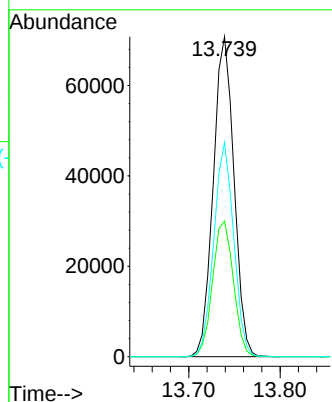
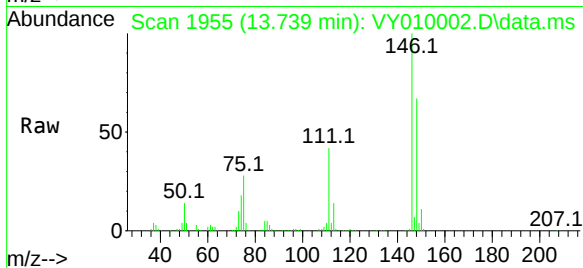




#91
 1,2-Dichlorobenzene
 Concen: 51.522 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

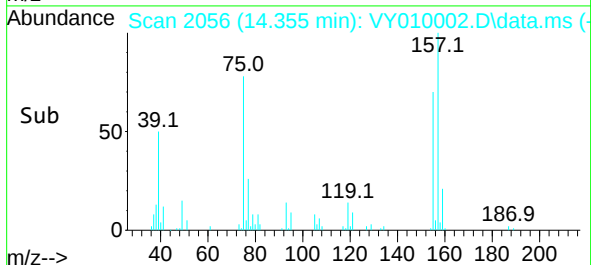
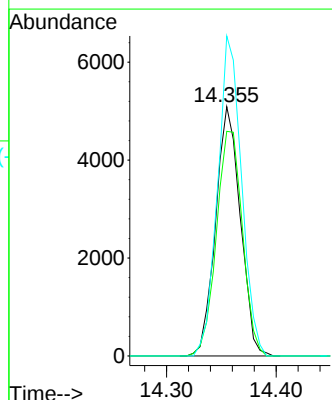
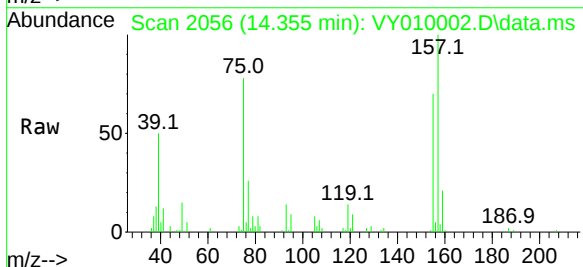
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

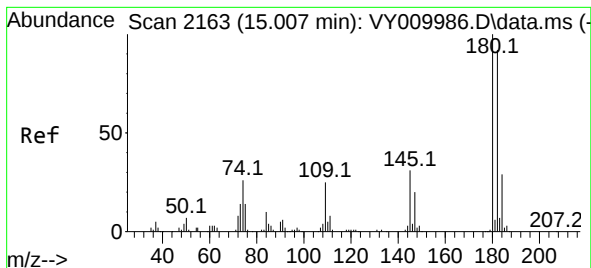
Tgt Ion:146 Resp: 111589
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.7 59.1
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.541 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY010002.D
 Acq: 14 Aug 2022 16:28

Tgt Ion: 75 Resp: 7963
 Ion Ratio Lower Upper
 75 100
 155 95.0 46.4 139.1
 157 124.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.769 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

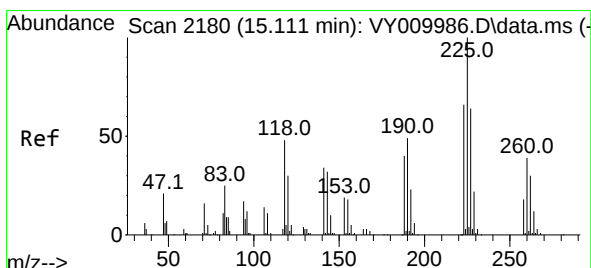
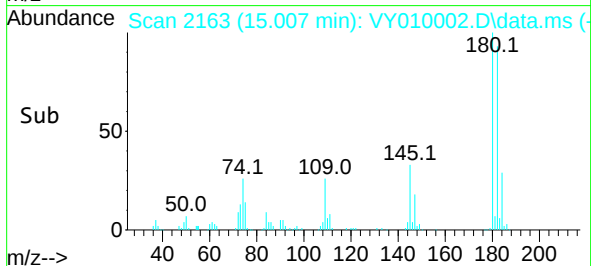
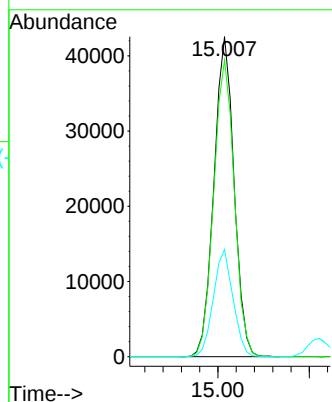
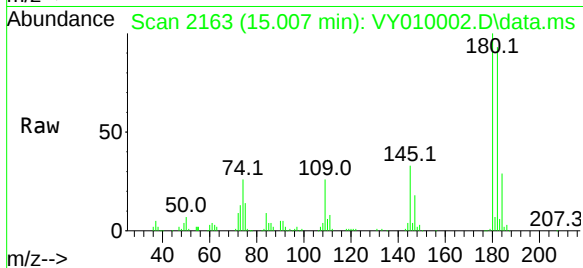
Tgt Ion:180 Resp: 65028

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.8 15.1 45.3



#94

Hexachlorobutadiene

Concen: 54.169 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010002.D

Acq: 14 Aug 2022 16:28

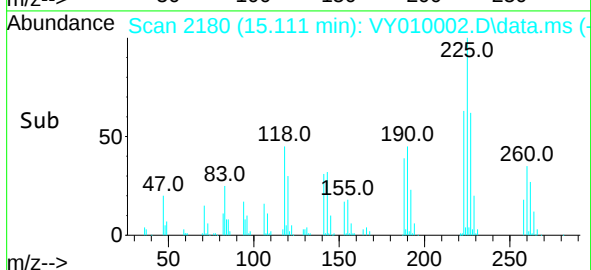
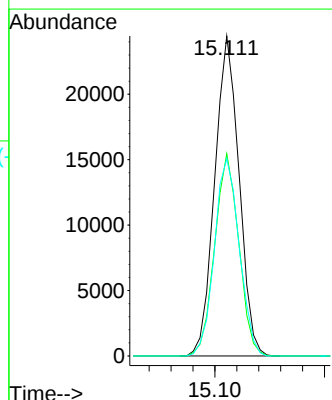
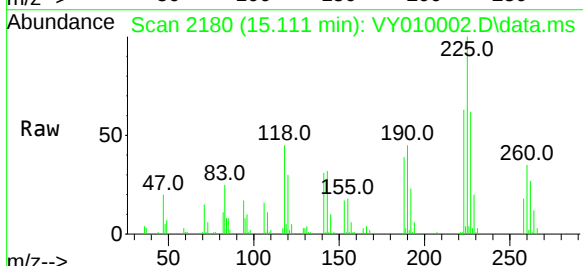
Tgt Ion:225 Resp: 37697

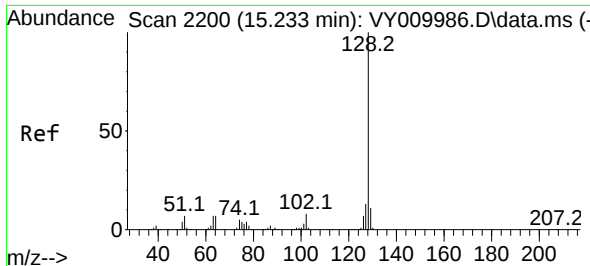
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 63.0 31.9 95.5

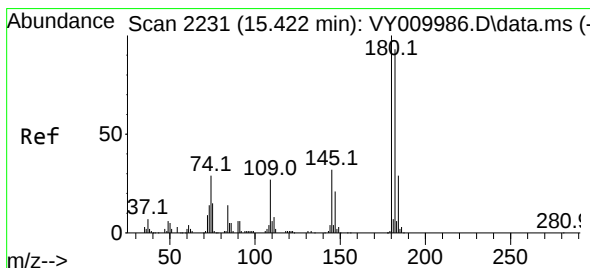
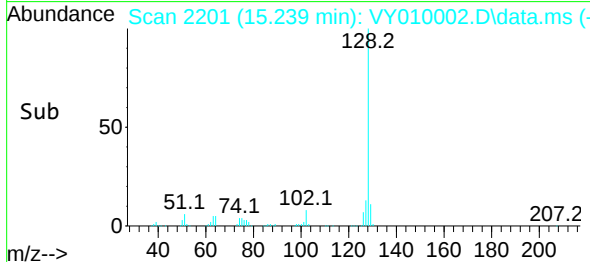
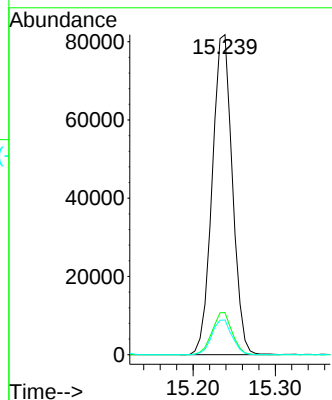
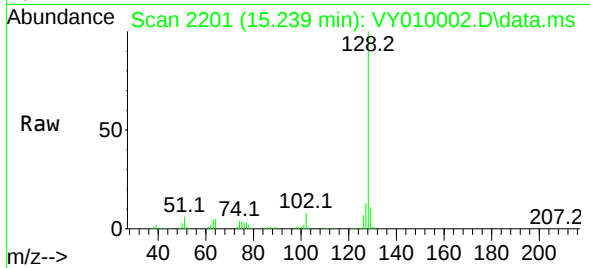




#95
Naphthalene
Concen: 47.073 ug/l
RT: 15.239 min Scan# 2200
Delta R.T. 0.006 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 139320
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.811 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY010002.D
Acq: 14 Aug 2022 16:28

Tgt Ion:180 Resp: 58206
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 33.9 15.6 46.7

