

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009948.D
 Acq On : 10 Aug 2022 04:03
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 10 08:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	59849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	104046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	24208	51.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.710	113	25790	45.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.320%	
50) Toluene-d8	10.173	98	87864	51.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.477	95	41335	52.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22405	43.882	ug/l	95
3) Chloromethane	2.101	50	26294	41.415	ug/l	97
4) Vinyl Chloride	2.241	62	26834	40.624	ug/l	96
5) Bromomethane	2.638	94	19738	43.918	ug/l	91
6) Chloroethane	2.778	64	17123	42.878	ug/l	97
7) Trichlorofluoromethane	3.107	101	49909	46.573	ug/l	99
8) Diethyl Ether	3.515	74	19962	53.489	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	29741	48.399	ug/l	95
10) Methyl Iodide	4.076	142	36167	51.265	ug/l	99
11) Tert butyl alcohol	4.954	59	16370	241.263	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	27538	48.397	ug/l	98
13) Acrolein	3.717	56	993	134.071	ug/l	99
14) Allyl chloride	4.466	41	48662	45.895	ug/l	97
15) Acrylonitrile	5.149	53	56685	283.554	ug/l	99
16) Acetone	3.936	43	40068	237.337	ug/l #	88
17) Carbon Disulfide	4.180	76	89733	49.466	ug/l	96
18) Methyl Acetate	4.460	43	28840	57.147	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	85725	53.990	ug/l	98
20) Methylene Chloride	4.698	84	43532	55.018	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	35195	53.998	ug/l	98
22) Diisopropyl ether	6.106	45	120126	53.914	ug/l	97
23) Vinyl Acetate	6.045	43	378423	271.221	ug/l	97
24) 1,1-Dichloroethane	6.003	63	61761	51.292	ug/l	98
25) 2-Butanone	6.978	43	73399	264.010	ug/l	98
26) 2,2-Dichloropropane	6.966	77	36977	35.371	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	40996	55.423	ug/l	96
28) Bromochloromethane	7.320	49	22184	52.885	ug/l	94
29) Tetrahydrofuran	7.338	42	51261	282.471	ug/l	99
30) Chloroform	7.496	83	64121	52.972	ug/l	96
31) Cyclohexane	7.777	56	54927	47.275	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	50986	49.930	ug/l	98
36) 1,1-Dichloropropene	7.905	75	47006	49.322	ug/l	99
37) Ethyl Acetate	7.064	43	33575	53.097	ug/l	99
38) Carbon Tetrachloride	7.887	117	46500	49.160	ug/l	98
39) Methylcyclohexane	9.179	83	62305	55.445	ug/l	97
40) Benzene	8.149	78	154685	54.147	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009948.D
 Acq On : 10 Aug 2022 04:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 08:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	45115	130.625	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	43015	54.268	ug/l	99
43) Isopropyl Acetate	8.265	43	59416	52.785	ug/l	97
44) Trichloroethene	8.929	130	43237	58.422	ug/l	100
45) 1,2-Dichloropropane	9.210	63	44002	59.370	ug/l	95
46) Dibromomethane	9.301	93	25192	60.805	ug/l	97
47) Bromodichloromethane	9.490	83	56274	59.193	ug/l	99
48) Methyl methacrylate	9.289	41	27858	55.637	ug/l	98
49) 1,4-Dioxane	9.289	88	5811	1221.923	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	180895	290.784	ug/l	100
52) Toluene	10.240	92	101780	57.563	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	51564	51.729	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	60882	53.535	ug/l	99
55) 1,1,2-Trichloroethane	10.636	97	34747	58.099	ug/l	99
56) Ethyl methacrylate	10.508	69	46615	60.287	ug/l	98
57) 1,3-Dichloropropane	10.788	76	57550	57.372	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	101222	282.962	ug/l	98
59) 2-Hexanone	10.825	43	122619	288.769	ug/l	100
60) Dibromochloromethane	10.977	129	38236	55.533	ug/l	99
61) 1,2-Dibromoethane	11.081	107	30850	54.253	ug/l	100
64) Tetrachloroethene	10.715	164	39329	54.066	ug/l	97
65) Chlorobenzene	11.514	112	103213	52.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37697	52.892	ug/l	99
67) Ethyl Benzene	11.587	91	179149	52.462	ug/l	96
68) m/p-Xylenes	11.697	106	141164	108.046	ug/l	96
69) o-Xylene	12.026	106	67412	54.968	ug/l	95
70) Styrene	12.038	104	118065	56.132	ug/l	99
71) Bromoform	12.203	173	24247	55.080	ug/l #	98
73) Isopropylbenzene	12.325	105	172671	47.911	ug/l	100
74) N-amyl acetate	12.142	43	53798	46.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	42811	51.813	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	51571	87.281	ug/l #	100
77) Bromobenzene	12.605	156	42363	48.676	ug/l	91
78) n-propylbenzene	12.666	91	225441	49.243	ug/l	98
79) 2-Chlorotoluene	12.752	91	126877	49.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	149914	49.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	12383	42.371	ug/l	93
82) 4-Chlorotoluene	12.849	91	133521	49.429	ug/l	98
83) tert-Butylbenzene	13.075	119	128034	49.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	154930	51.975	ug/l	99
85) sec-Butylbenzene	13.251	105	197048	49.198	ug/l	98
86) p-Isopropyltoluene	13.367	119	157387	48.540	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	86148	49.492	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	86996	49.133	ug/l	99
89) n-Butylbenzene	13.690	91	156112	49.289	ug/l	96
90) Hexachloroethane	13.959	117	32988	48.828	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	79357	50.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6440	48.729	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	42215	46.942	ug/l	98
94) Hexachlorobutadiene	15.111	225	22675	44.393	ug/l	99
95) Naphthalene	15.233	128	100716	53.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38892	48.609	ug/l	96

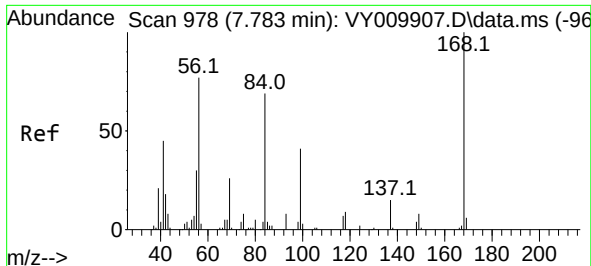
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY009948.D
Acq On : 10 Aug 2022 04:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 10 08:14:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

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

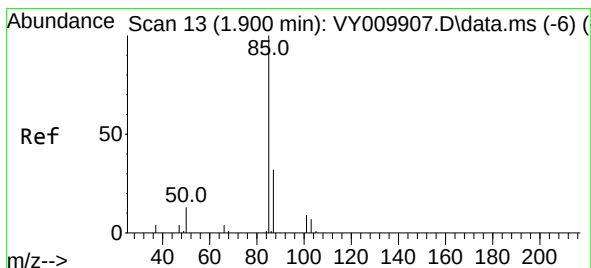
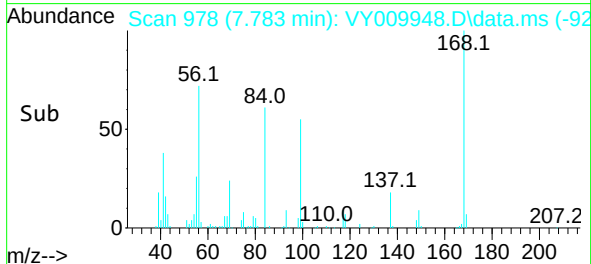
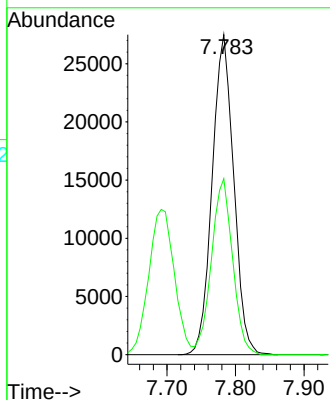
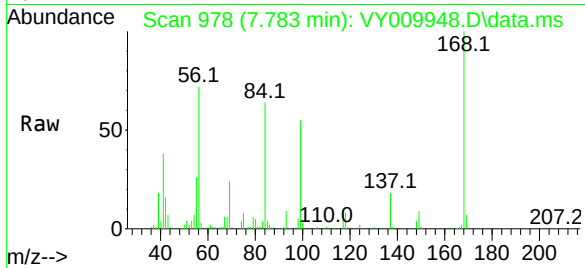
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

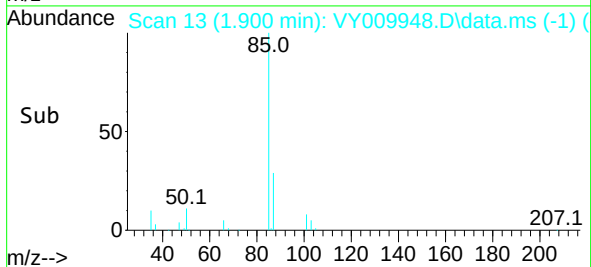
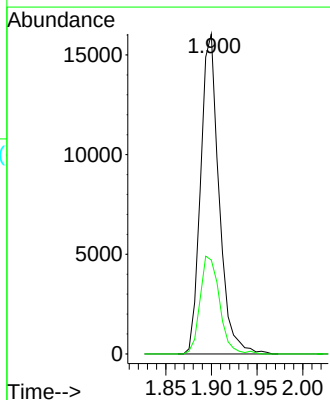
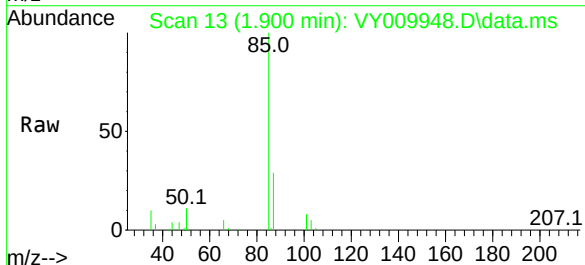
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

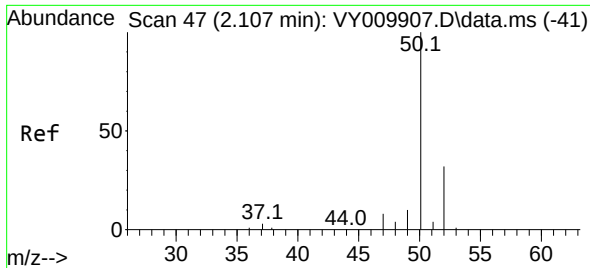
Tgt Ion:168 Resp: 59849
Ion Ratio Lower Upper
168 100
99 55.0 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 43.882 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 85 Resp: 22405
Ion Ratio Lower Upper
85 100
87 29.4 16.2 48.5

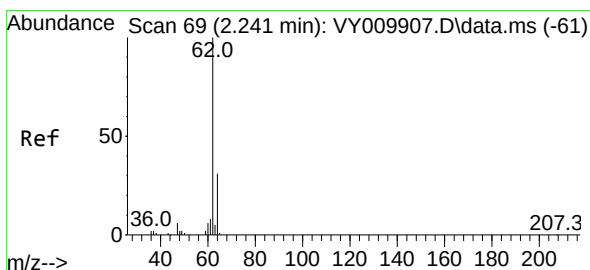
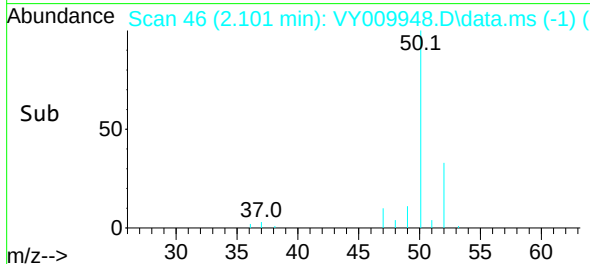
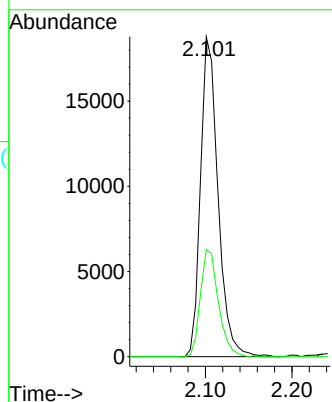
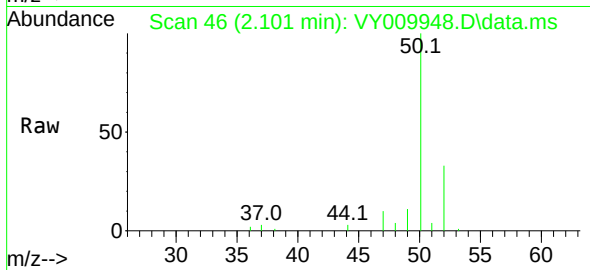




#3
Chloromethane
Concen: 41.415 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

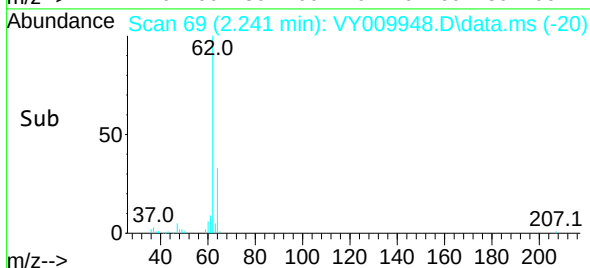
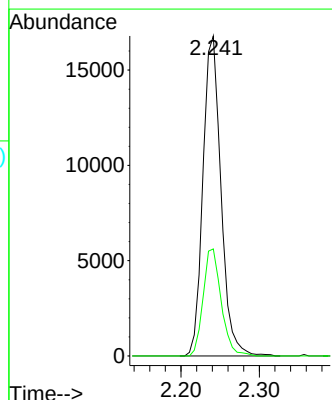
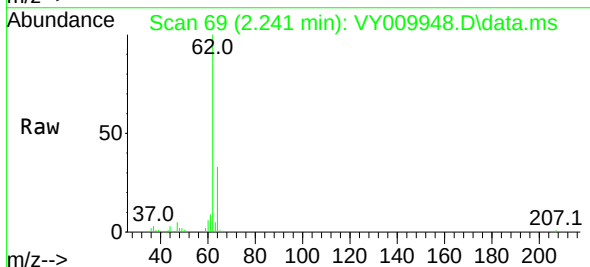
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

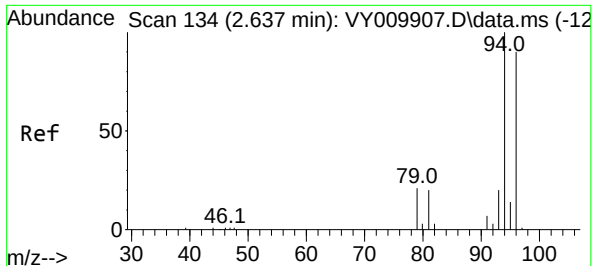
Tgt Ion: 50 Resp: 26294
Ion Ratio Lower Upper
50 100
52 33.4 27.9 41.9



#4
Vinyl Chloride
Concen: 40.624 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 62 Resp: 26834
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.4

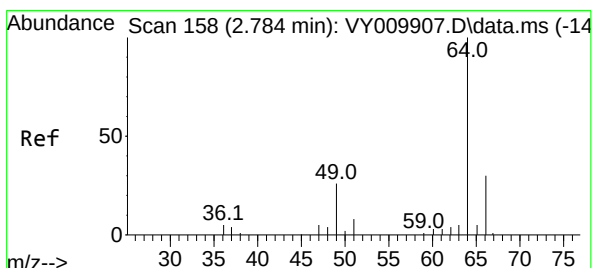
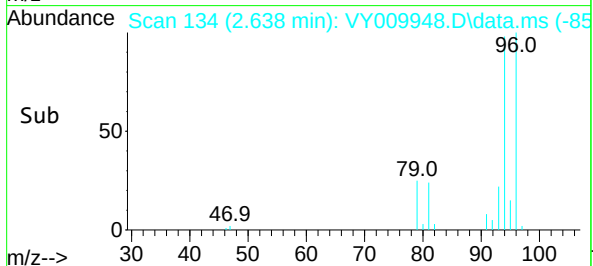
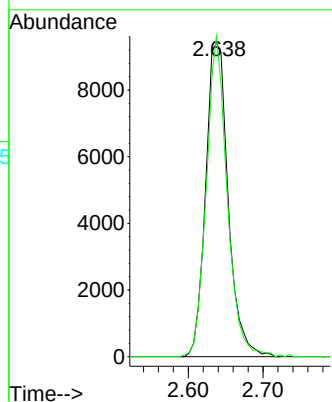
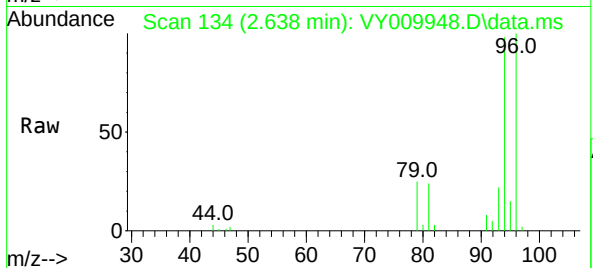




#5
Bromomethane
Concen: 43.918 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

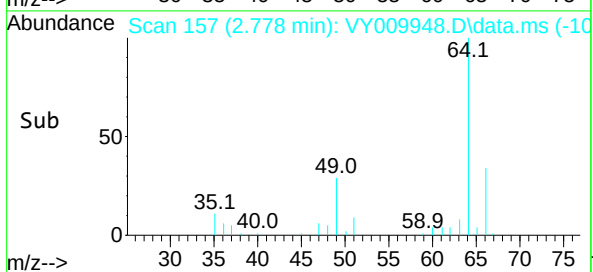
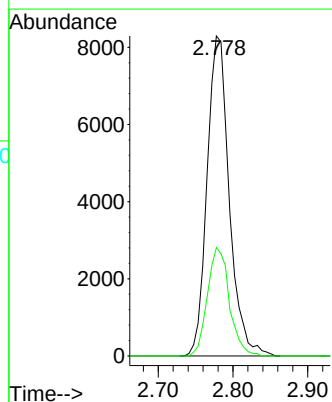
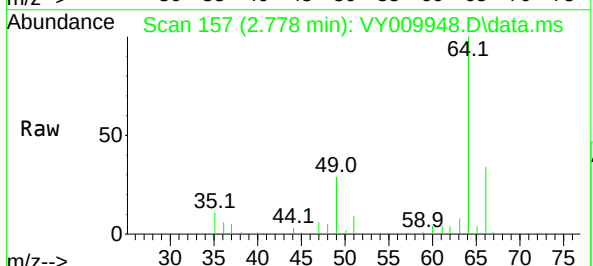
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

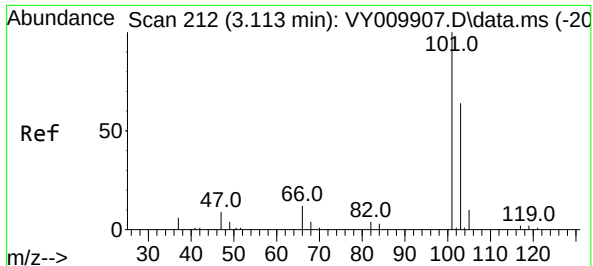
Tgt Ion: 94 Resp: 19738
Ion Ratio Lower Upper
94 100
96 101.9 74.6 111.8



#6
Chloroethane
Concen: 42.878 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 64 Resp: 17123
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.8

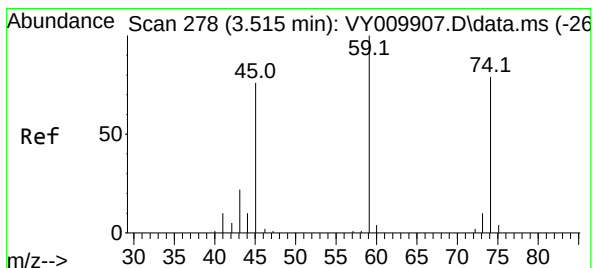
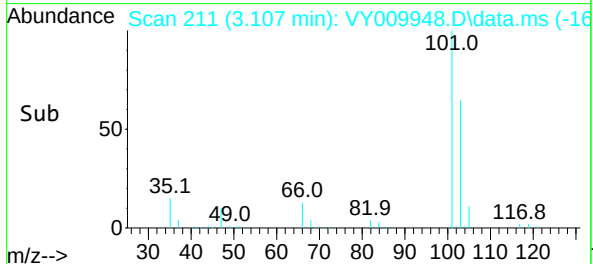
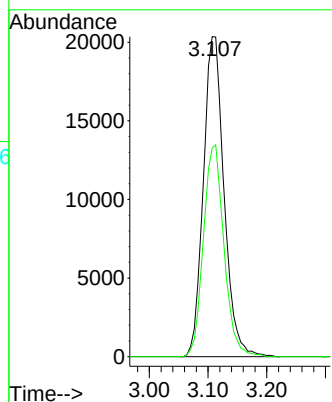
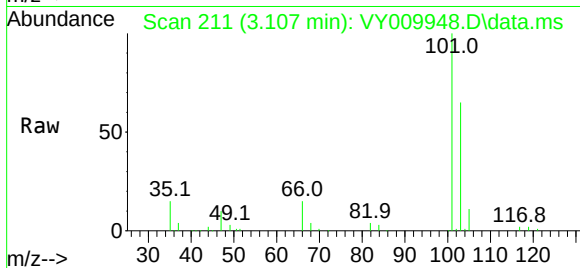




#7
 Trichlorofluoromethane
 Concen: 46.573 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

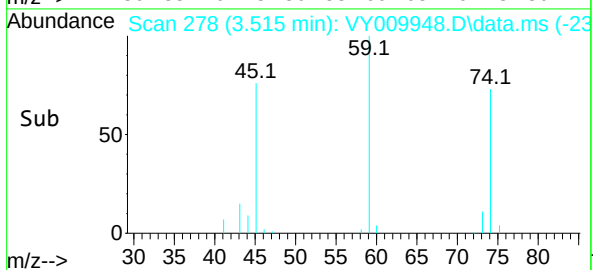
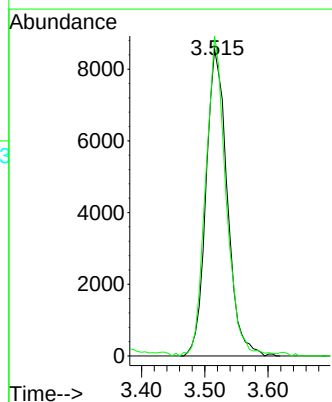
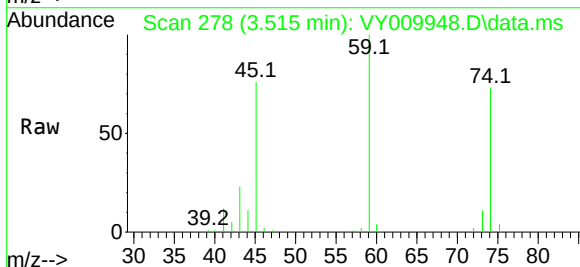
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

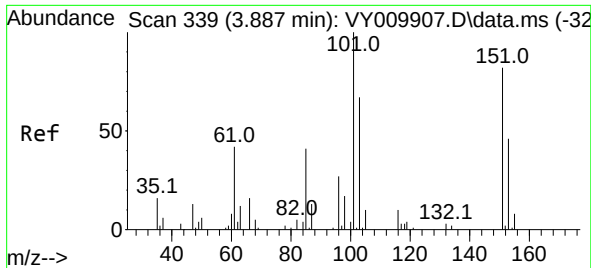
Tgt Ion:101 Resp: 49909
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.489 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

Tgt Ion: 74 Resp: 19962
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.1 147.4

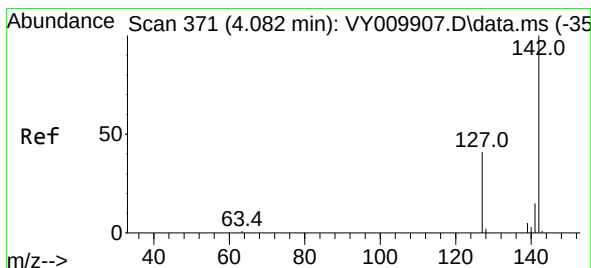
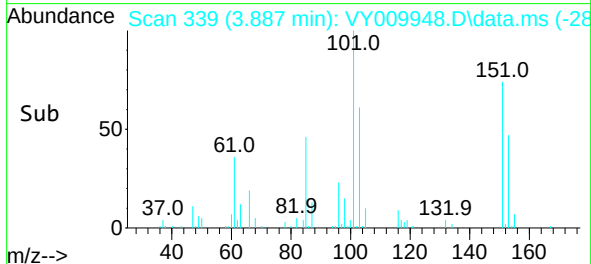
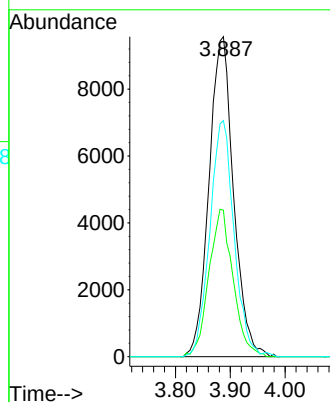
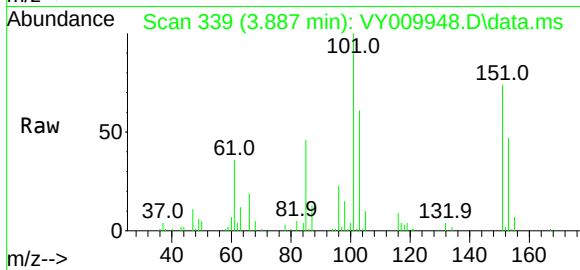




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.399 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

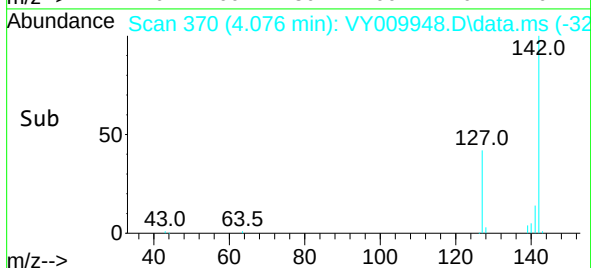
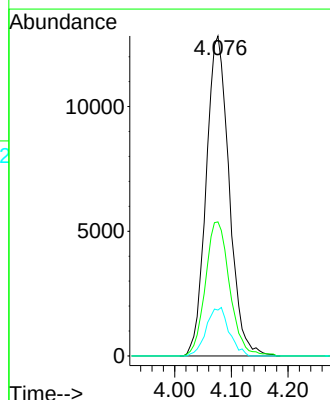
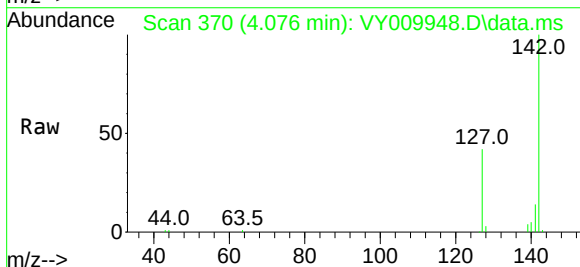
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

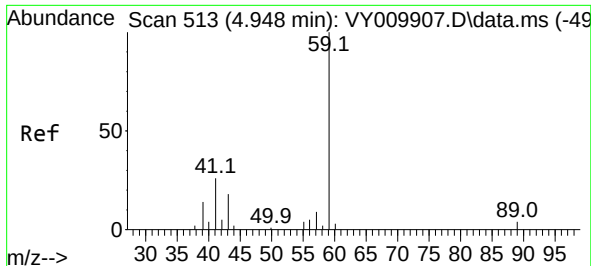
Tgt Ion:	101	Resp:	29741
Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.2	54.2
151	72.7	63.6	95.4



#10
 Methyl Iodide
 Concen: 51.265 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

Tgt Ion:	142	Resp:	36167
Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.2	52.8
141	15.0	11.4	17.2





#11

Tert butyl alcohol

Concen: 241.263 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

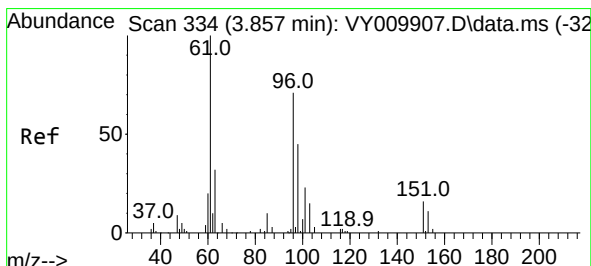
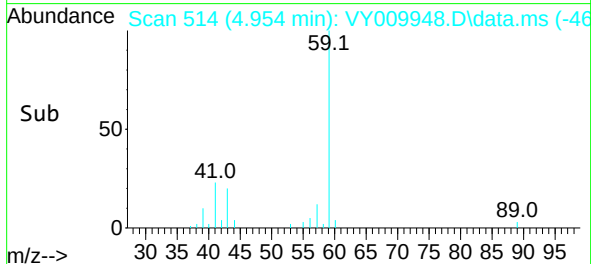
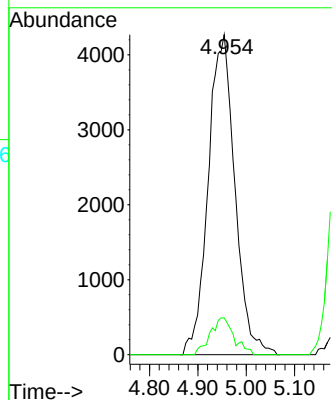
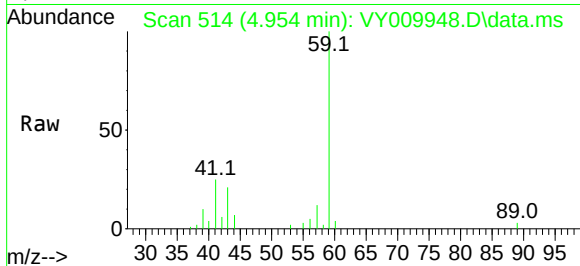
VSTDCCC050EC

Tgt Ion: 59 Resp: 16370

Ion Ratio Lower Upper

59 100

57 10.2 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 48.397 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

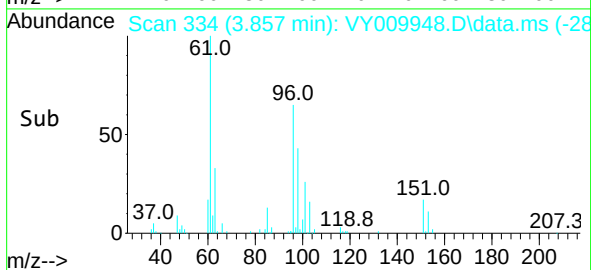
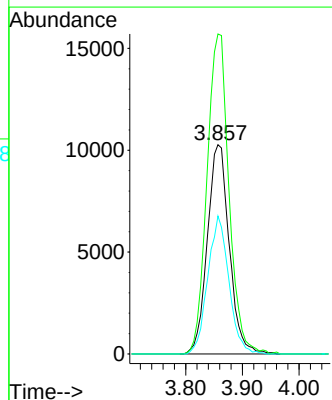
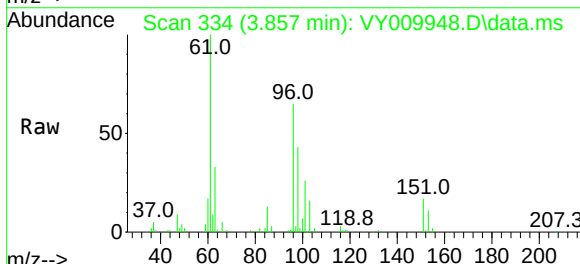
Tgt Ion: 96 Resp: 27538

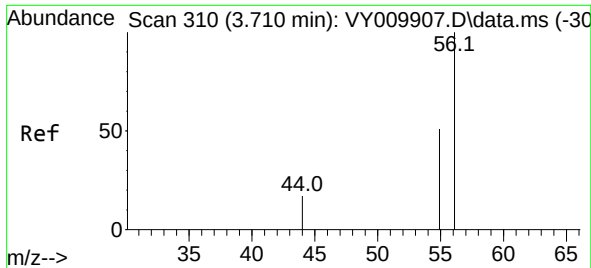
Ion Ratio Lower Upper

96 100

61 152.9 121.9 182.9

98 65.9 48.2 72.4





#13

Acrolein

Concen: 134.071 ug/l

RT: 3.717 min Scan# 31

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

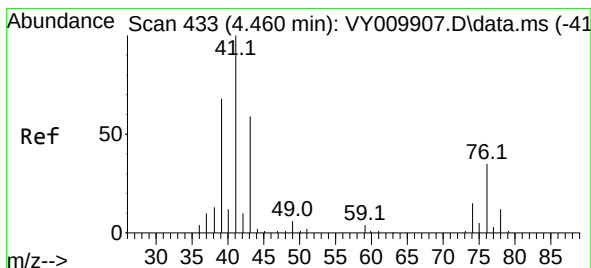
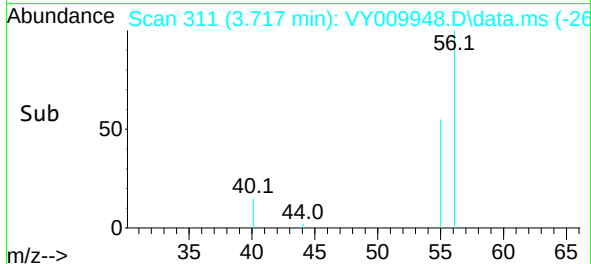
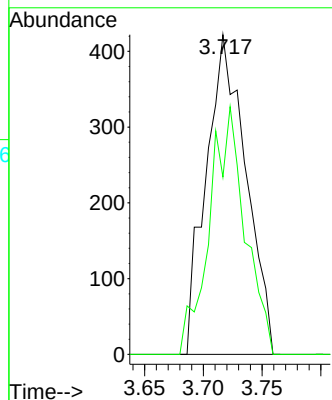
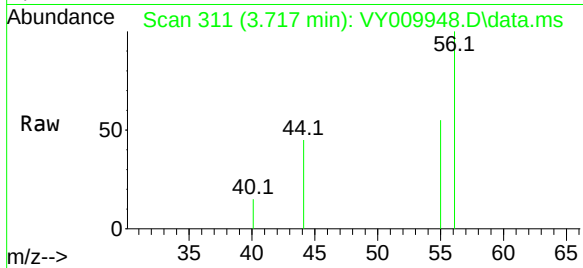
VSTDCCC050EC

Tgt Ion: 56 Resp: 993

Ion Ratio Lower Upper

56 100

55 69.4 54.8 82.2



#14

Allyl chloride

Concen: 45.895 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

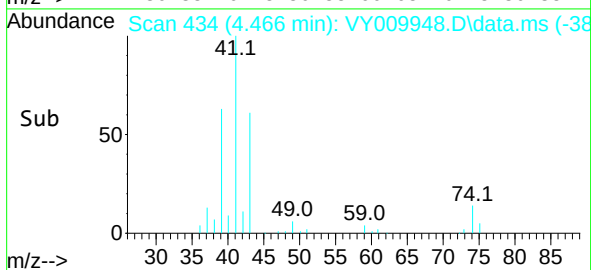
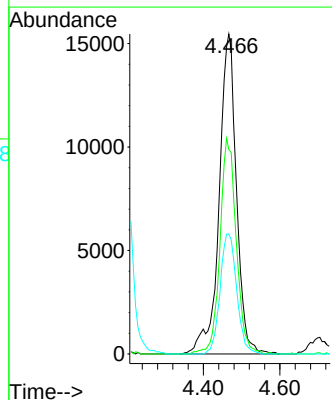
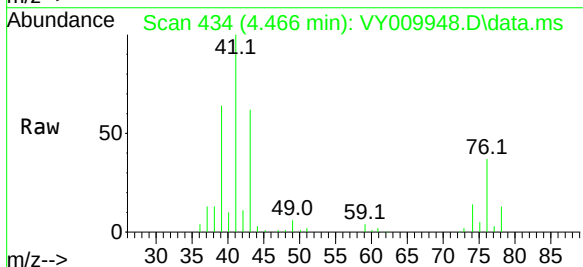
Tgt Ion: 41 Resp: 48662

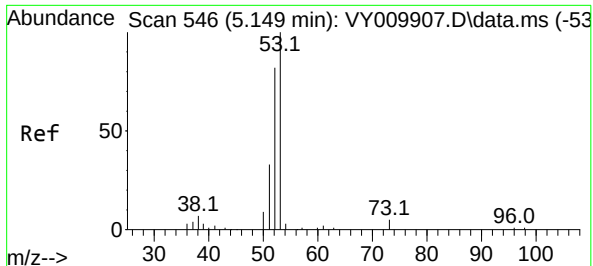
Ion Ratio Lower Upper

41 100

39 63.3 53.5 80.3

76 35.9 29.4 44.0

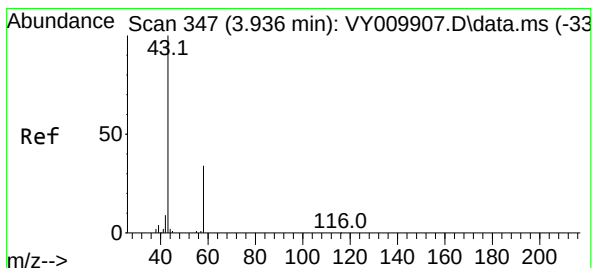
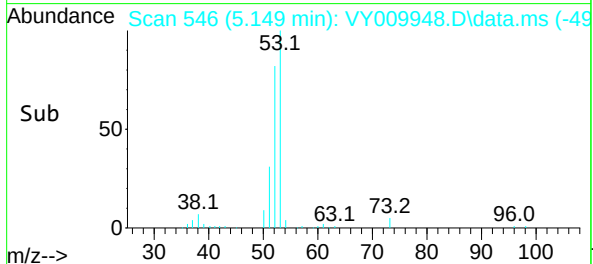
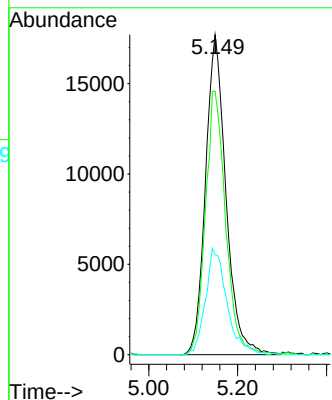
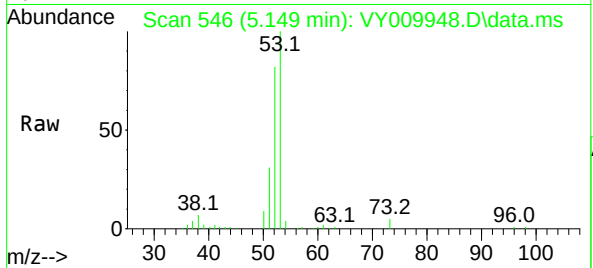




#15
Acrylonitrile
Concen: 283.554 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

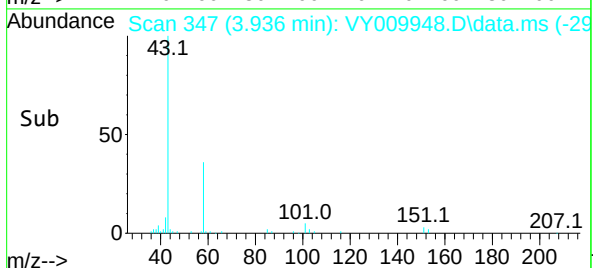
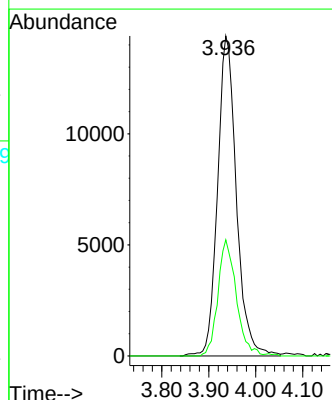
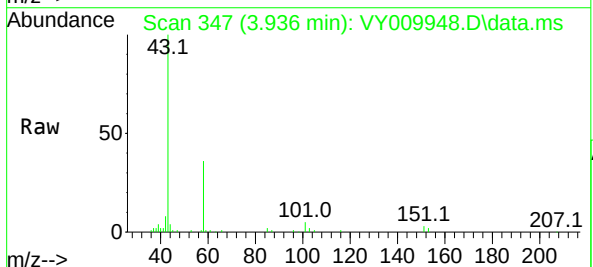
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

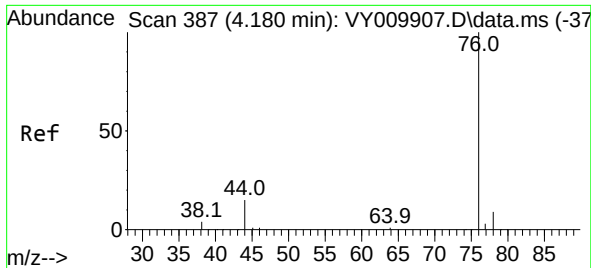
Tgt Ion: 53 Resp: 56685
Ion Ratio Lower Upper
53 100
52 81.2 65.4 98.2
51 35.1 28.4 42.6



#16
Acetone
Concen: 237.337 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 43 Resp: 40068
Ion Ratio Lower Upper
43 100
58 36.3 24.0 36.0#

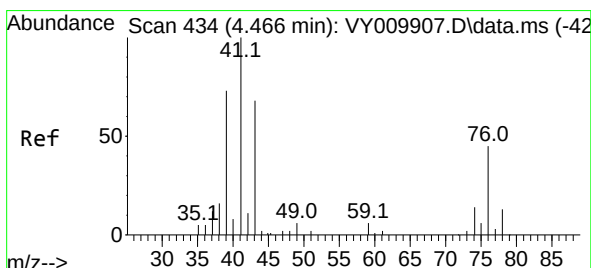
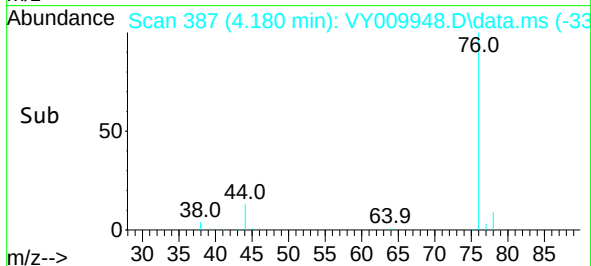
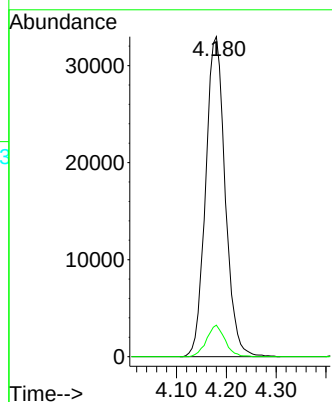
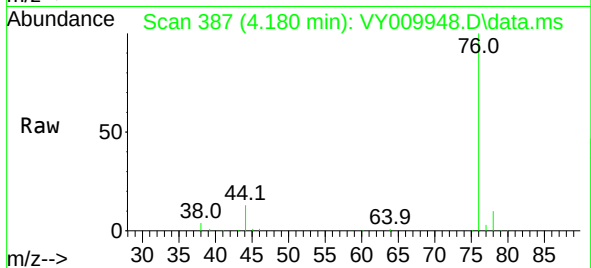




#17
Carbon Disulfide
Concen: 49.466 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.007 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

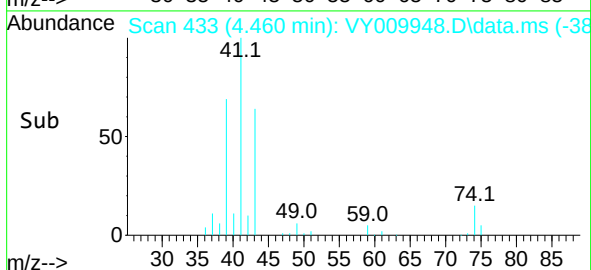
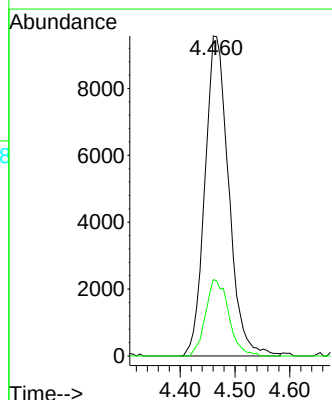
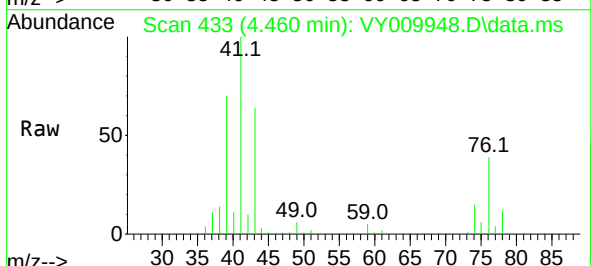
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

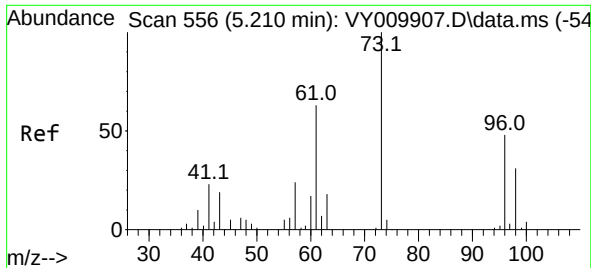
Tgt Ion: 76 Resp: 89733
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 57.147 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 43 Resp: 28840
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2

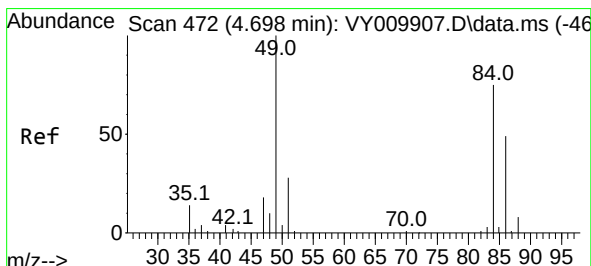
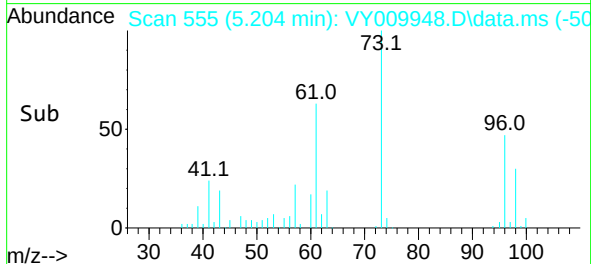
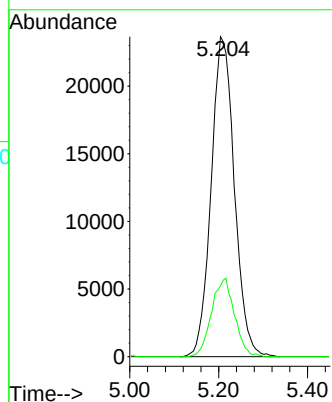
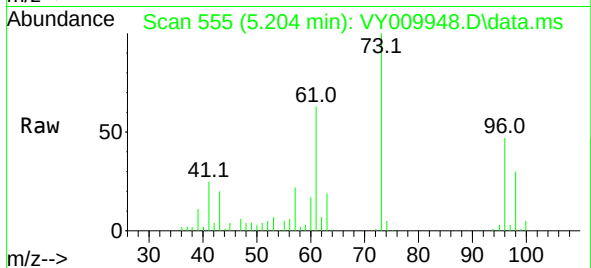




#19
Methyl tert-butyl Ether
Concen: 53.990 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

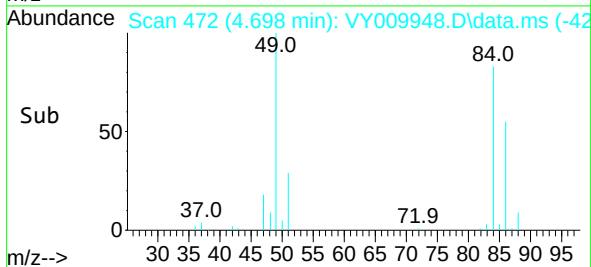
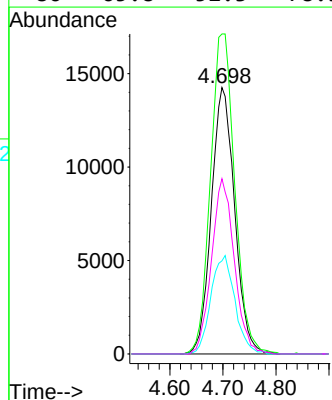
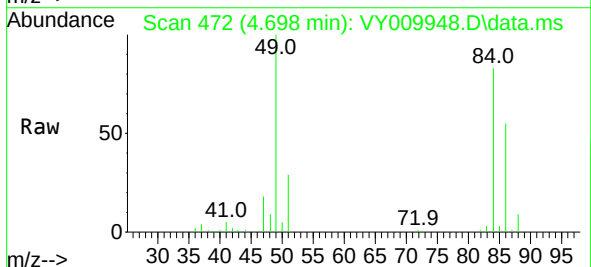
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

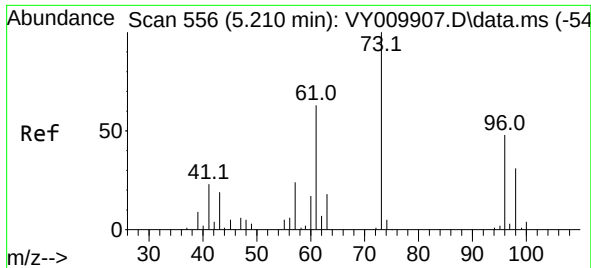
Tgt Ion: 73 Resp: 85725
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 55.018 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 84 Resp: 43532
Ion Ratio Lower Upper
84 100
49 120.1 98.2 147.4
51 34.9 33.4 50.0
86 65.8 52.3 78.5

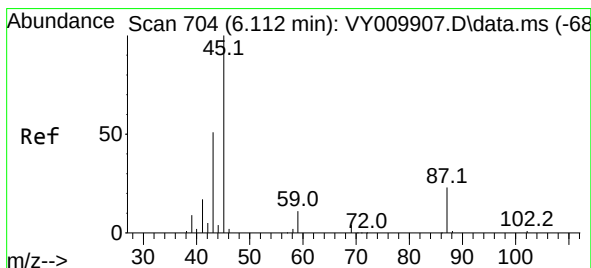
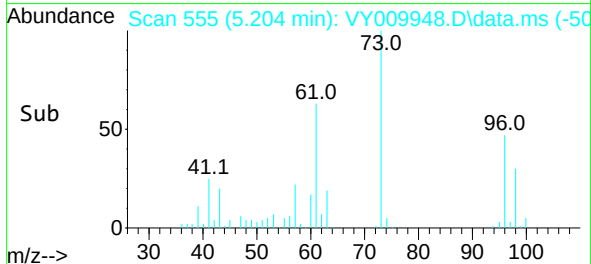
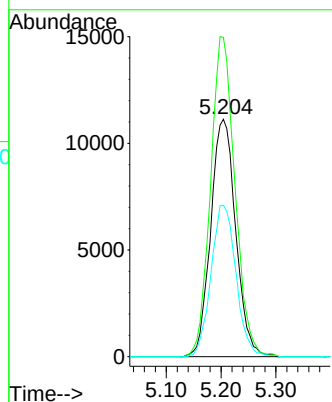
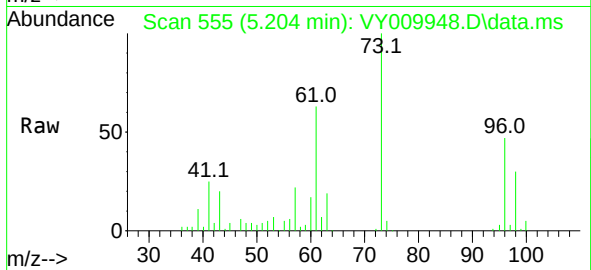




#21
trans-1,2-Dichloroethene
Concen: 53.998 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

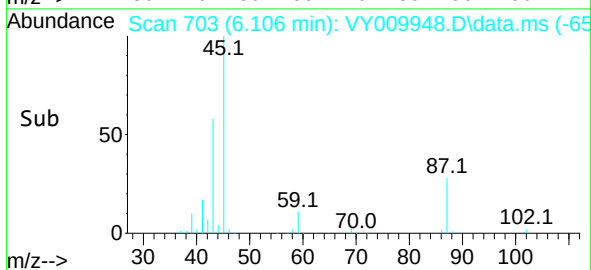
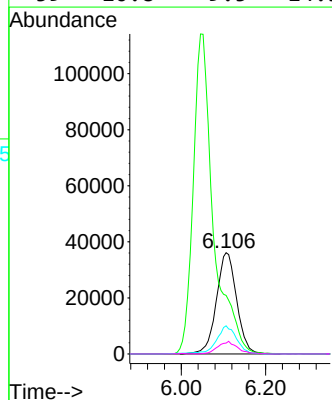
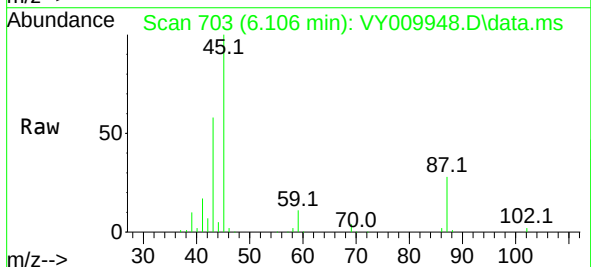
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

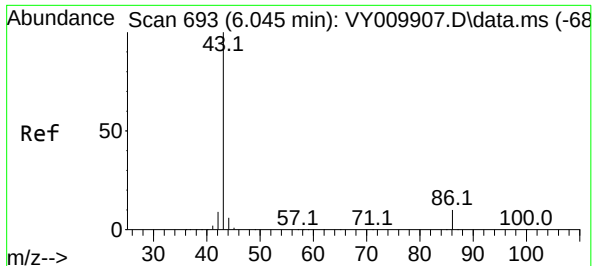
Tgt Ion: 96 Resp: 35195
Ion Ratio Lower Upper
96 100
61 134.5 105.8 158.6
98 63.8 49.7 74.5



#22
Diisopropyl ether
Concen: 53.914 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 45 Resp: 120126
Ion Ratio Lower Upper
45 100
43 57.6 43.7 65.5
87 27.9 22.2 33.4
59 10.8 9.5 14.3

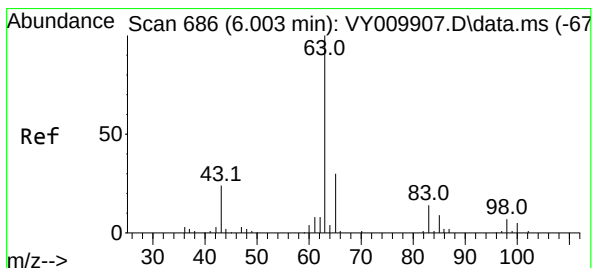
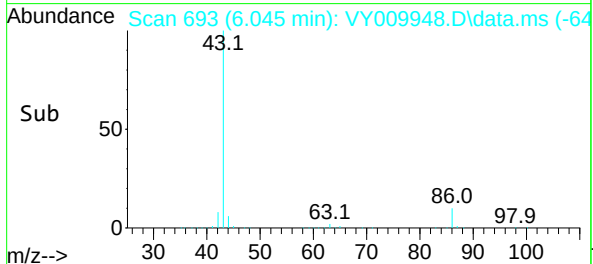
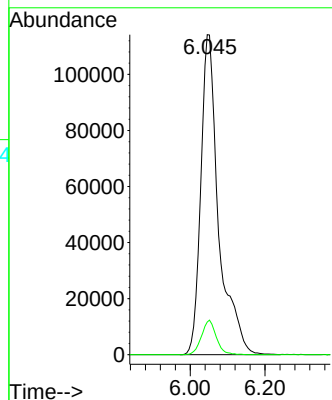
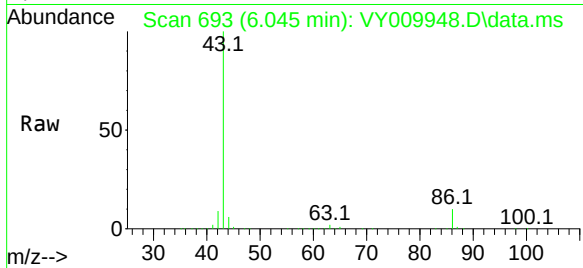




#23
 Vinyl Acetate
 Concen: 271.221 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

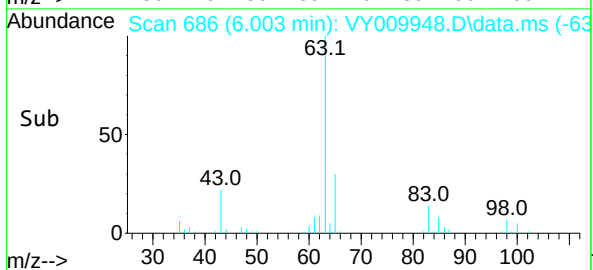
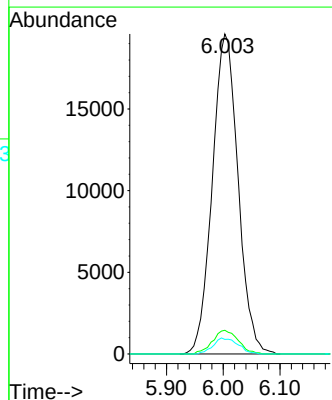
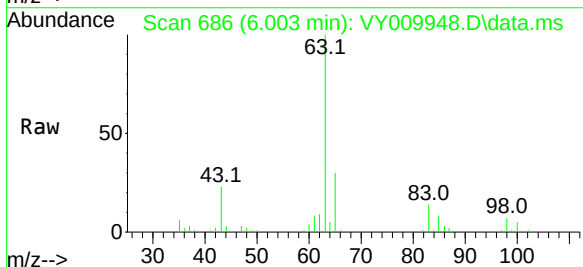
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

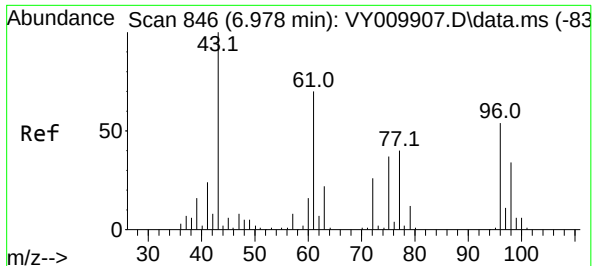
Tgt Ion: 43 Resp: 378423
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 51.292 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.001 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

Tgt Ion: 63 Resp: 61761
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.8 8.3

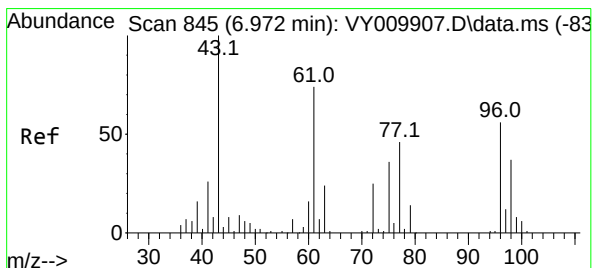
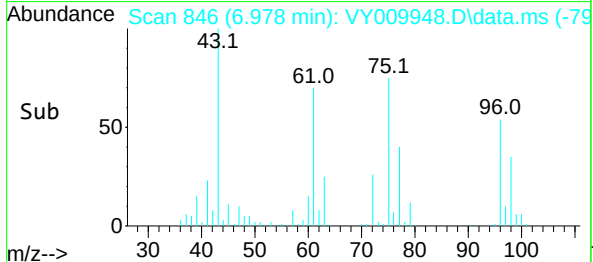
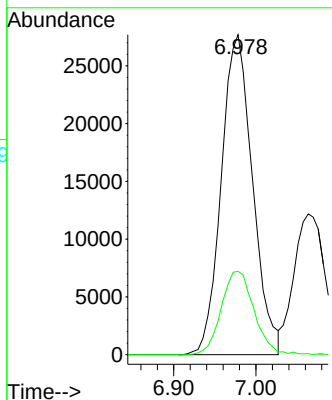
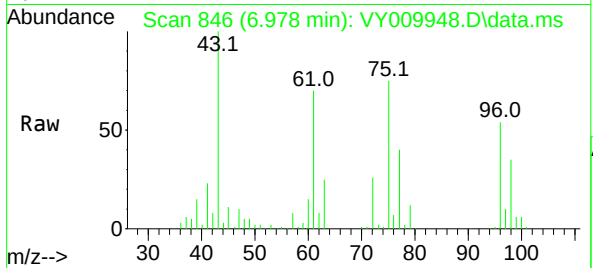




#25
2-Butanone
Concen: 264.010 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

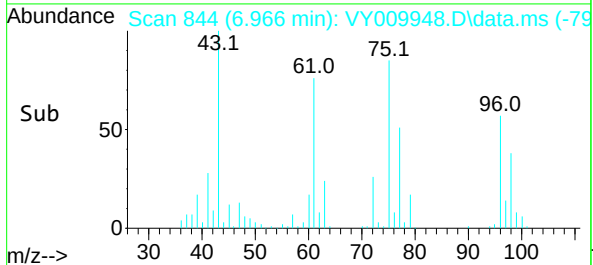
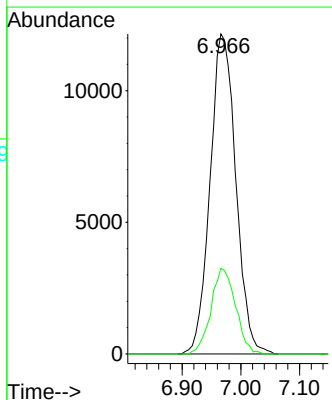
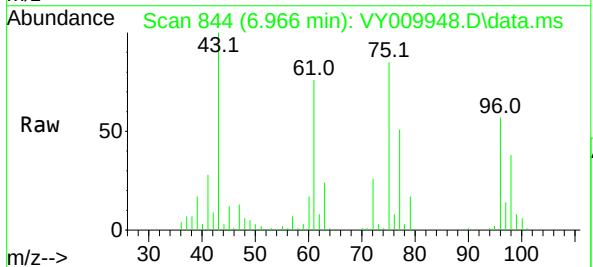
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

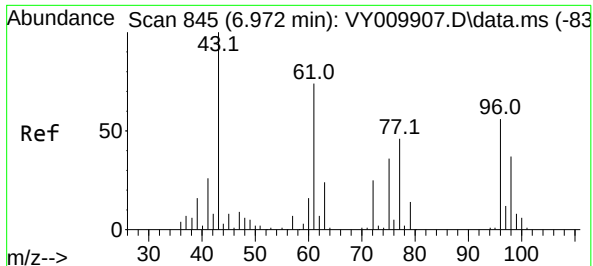
Tgt Ion: 43 Resp: 73399
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3



#26
2,2-Dichloropropane
Concen: 35.371 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 77 Resp: 36977
Ion Ratio Lower Upper
77 100
97 25.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.423 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

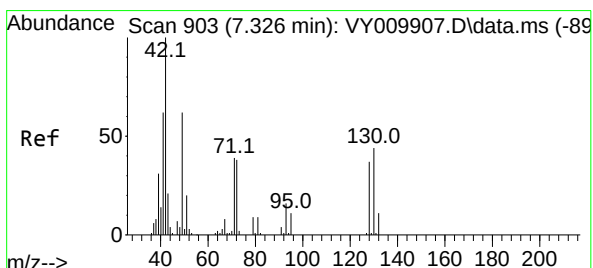
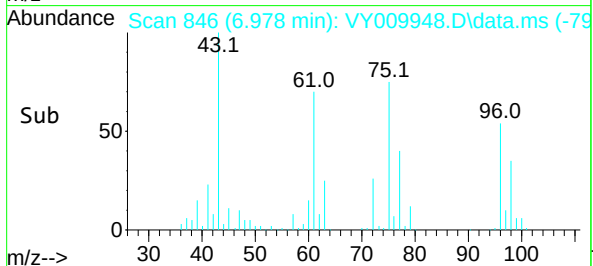
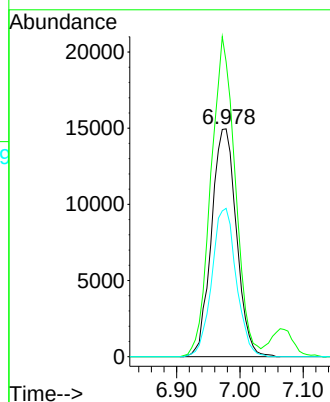
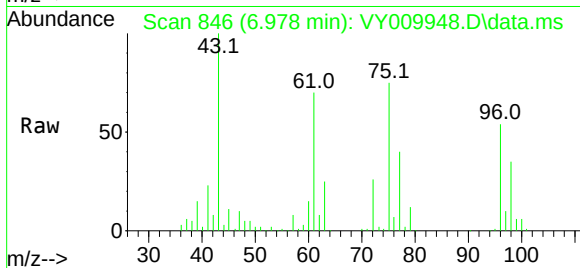
Tgt Ion: 96 Resp: 40996

Ion Ratio Lower Upper

96 100

61 136.6 0.0 285.6

98 63.7 0.0 131.0



#28

Bromochloromethane

Concen: 52.885 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.005 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

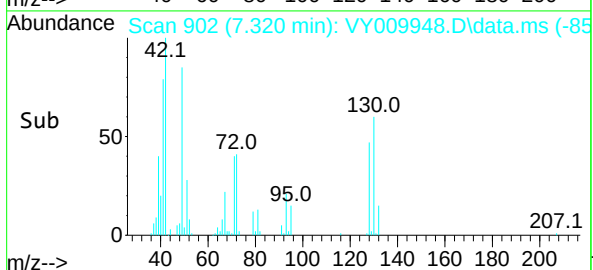
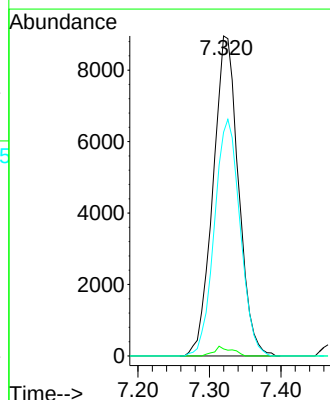
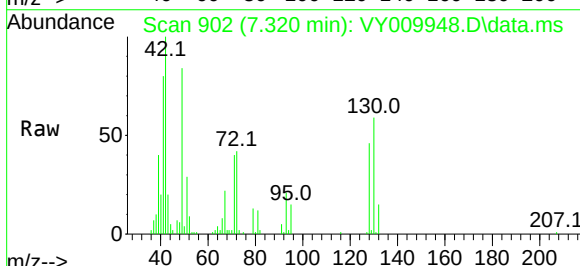
Tgt Ion: 49 Resp: 22184

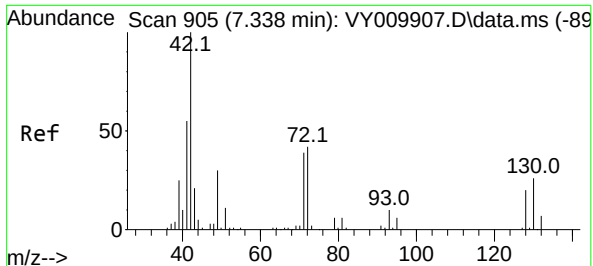
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 74.6 64.1 96.1





#29

Tetrahydrofuran

Concen: 282.471 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

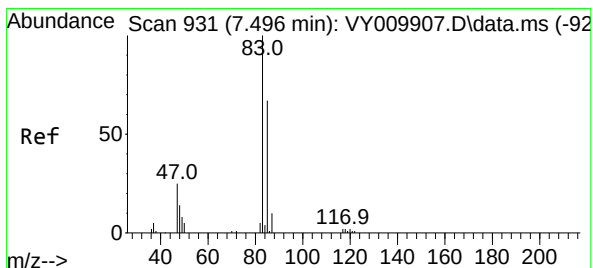
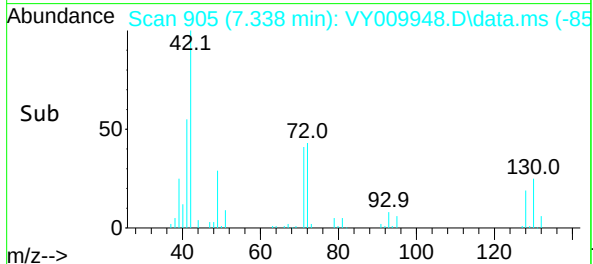
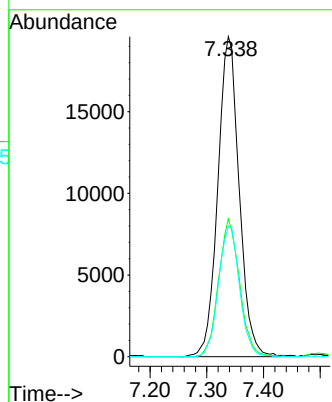
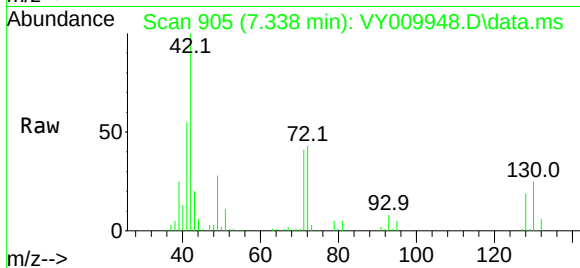
Tgt Ion: 42 Resp: 51261

Ion Ratio Lower Upper

42 100

72 42.4 34.6 52.0

71 40.2 32.7 49.1



#30

Chloroform

Concen: 52.972 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009948.D

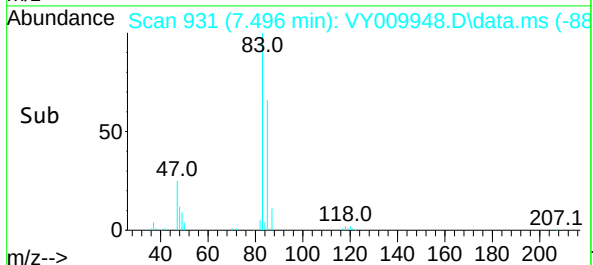
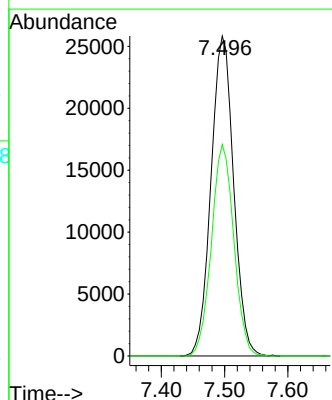
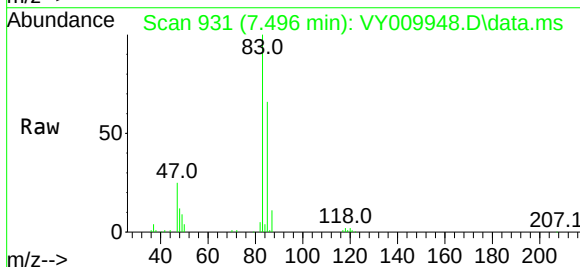
Acq: 10 Aug 2022 04:03

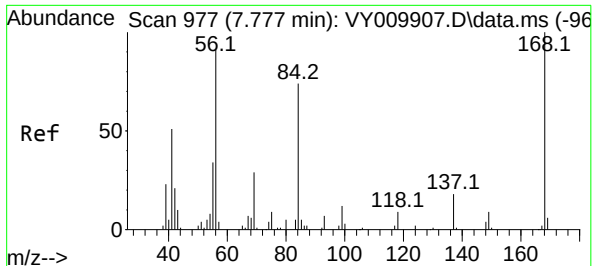
Tgt Ion: 83 Resp: 64121

Ion Ratio Lower Upper

83 100

85 66.1 50.5 75.7





#31

Cyclohexane

Concen: 47.275 ug/l

RT: 7.777 min Scan# 91

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

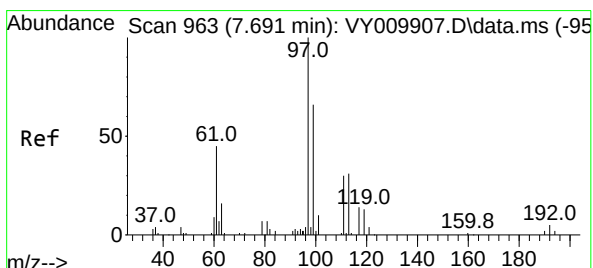
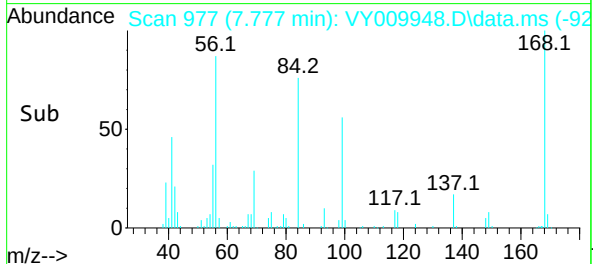
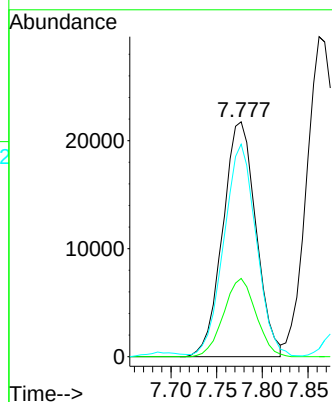
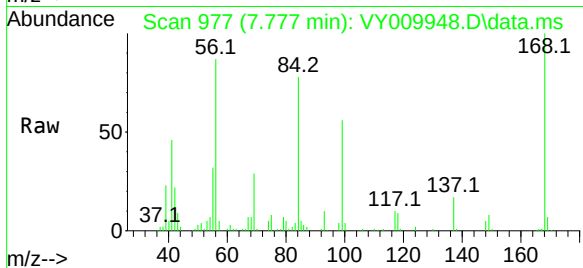
Tgt Ion: 56 Resp: 54927

Ion Ratio Lower Upper

56 100

69 33.3 26.0 39.0

84 89.4 69.5 104.3



#32

1,1,1-Trichloroethane

Concen: 49.930 ug/l

RT: 7.691 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

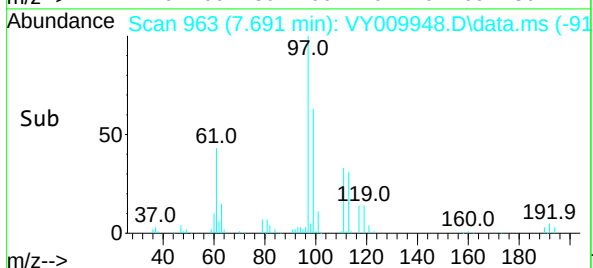
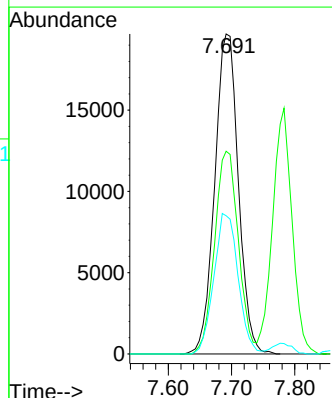
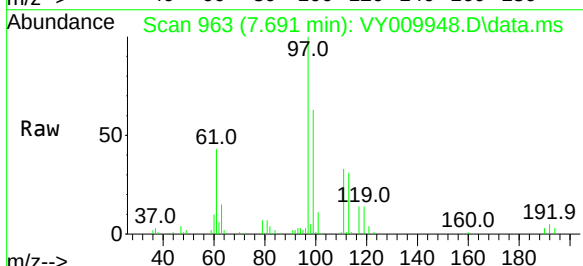
Tgt Ion: 97 Resp: 50986

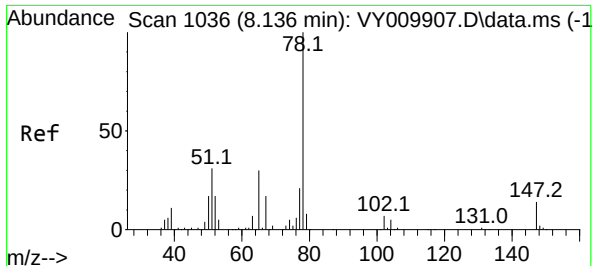
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 45.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 51.884 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

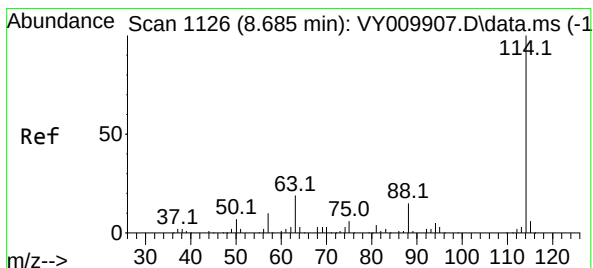
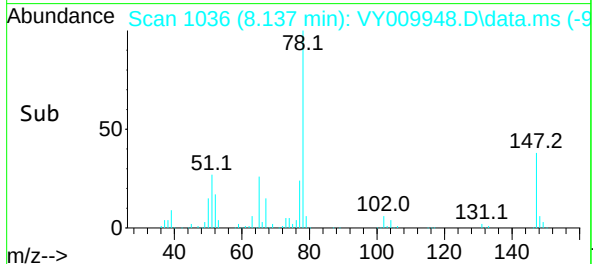
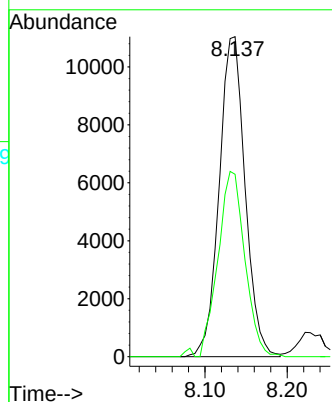
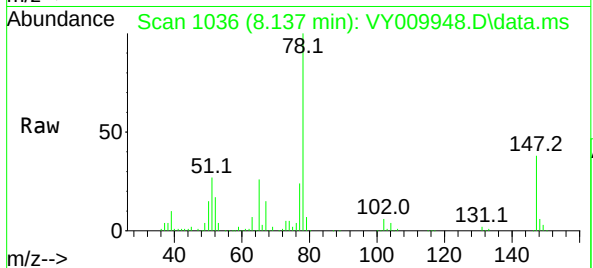
VSTDCCC050EC

Tgt Ion: 65 Resp: 24208

Ion Ratio Lower Upper

65 100

67 59.9 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: VY009948.D

Acq: 10 Aug 2022 04:03

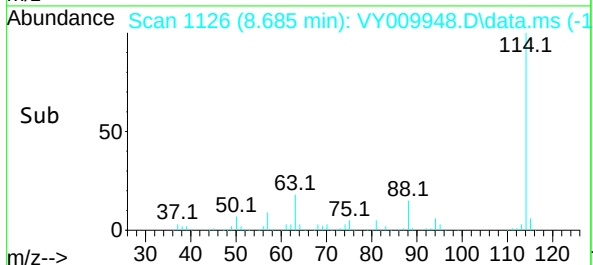
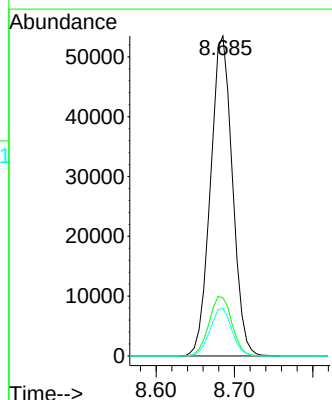
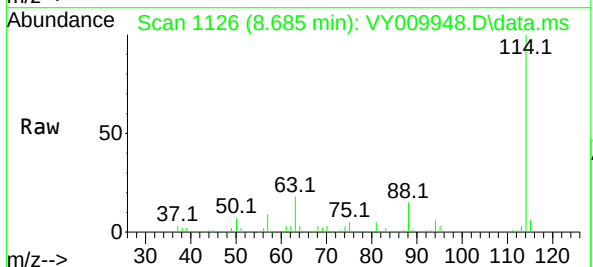
Tgt Ion: 114 Resp: 104046

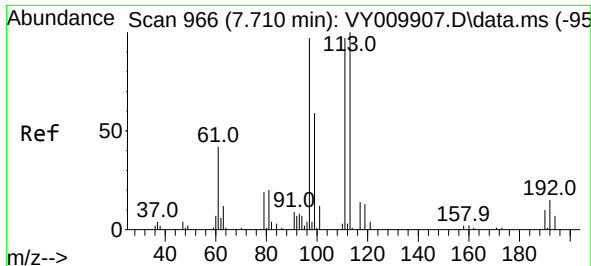
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

88 14.8 0.0 30.0

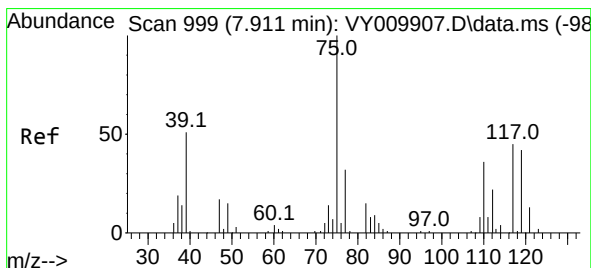
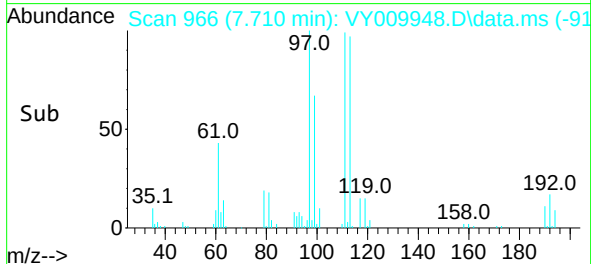
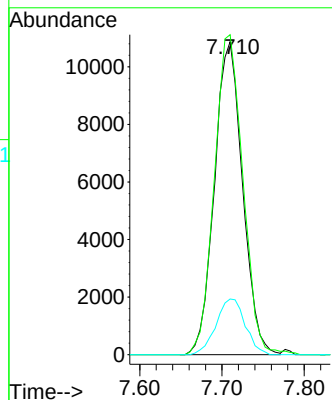
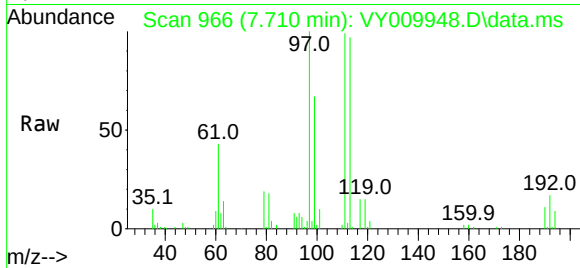




#35
Dibromofluoromethane
Concen: 45.662 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

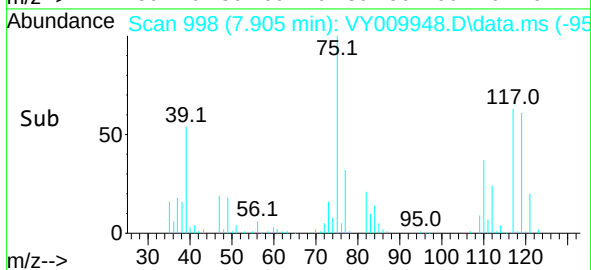
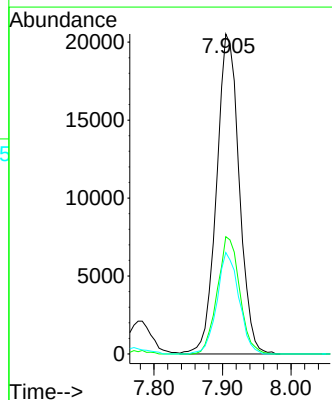
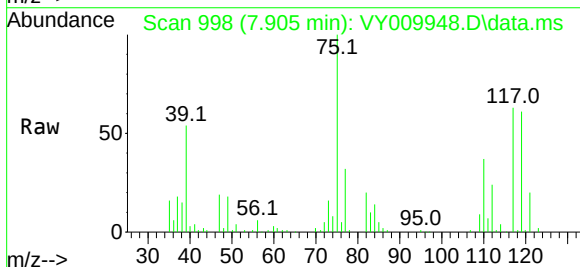
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

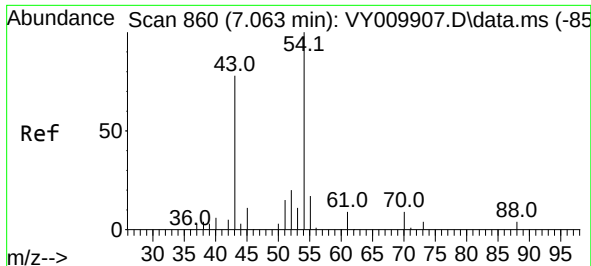
Tgt Ion:113 Resp: 25790
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 18.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.322 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 75 Resp: 47006
Ion Ratio Lower Upper
75 100
110 36.1 18.6 56.0
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 53.097 ug/l

RT: 7.064 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

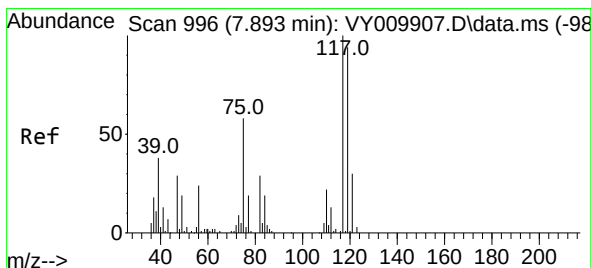
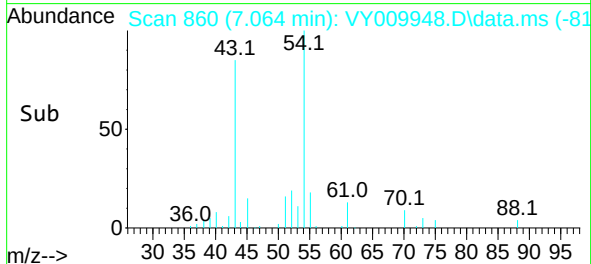
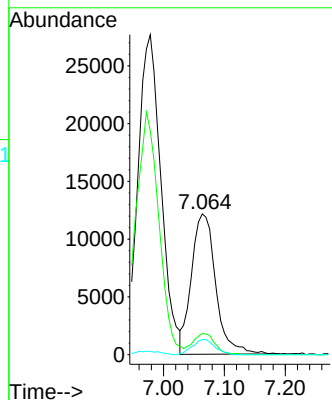
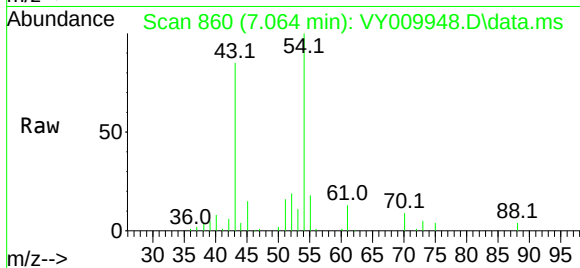
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 33575

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	10.0	8.4	12.6



#38

Carbon Tetrachloride

Concen: 49.160 ug/l

RT: 7.887 min Scan# 995

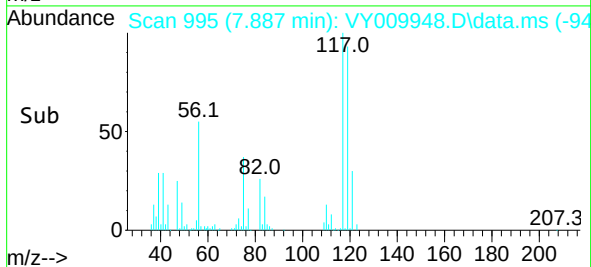
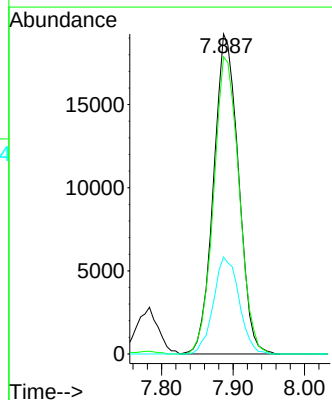
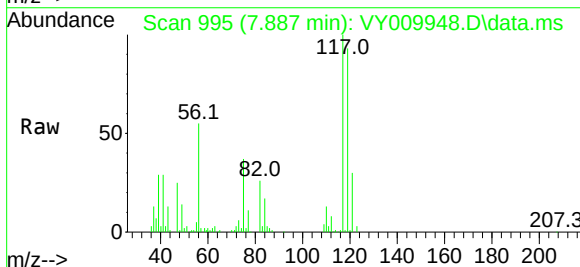
Delta R.T. -0.005 min

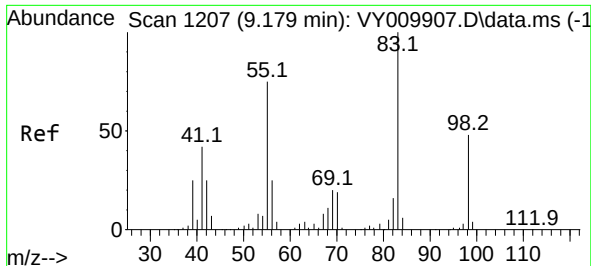
Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Tgt Ion: 117 Resp: 46500

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.9	113.9
121	30.3	24.9	37.3





#39

Methylcyclohexane

Concen: 55.445 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

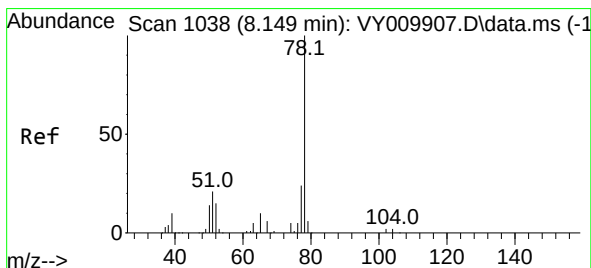
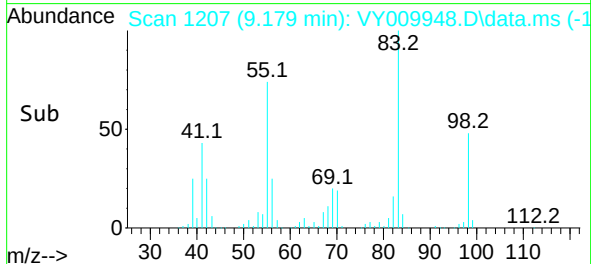
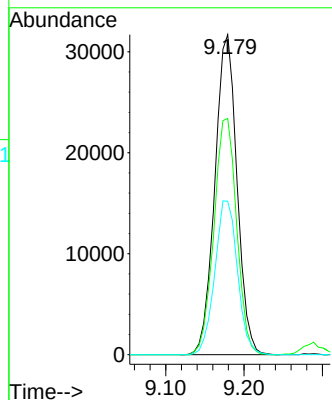
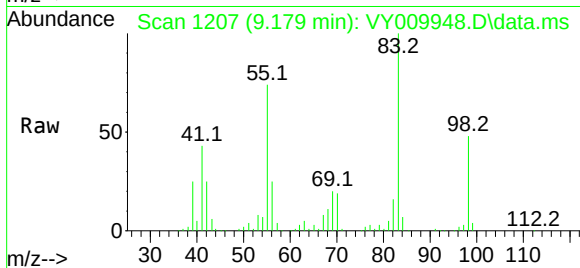
Tgt Ion: 83 Resp: 62305

Ion Ratio Lower Upper

83 100

55 73.8 56.7 85.1

98 47.9 39.9 59.9



#40

Benzene

Concen: 54.147 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VY009948.D

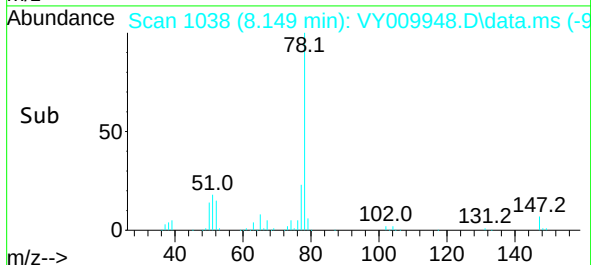
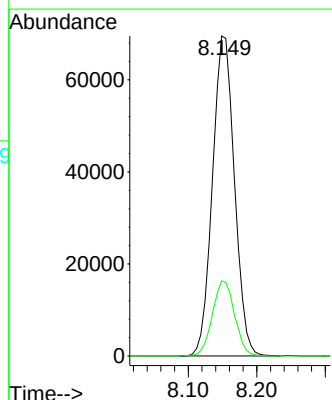
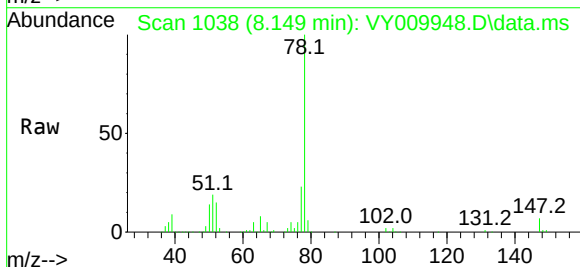
Acq: 10 Aug 2022 04:03

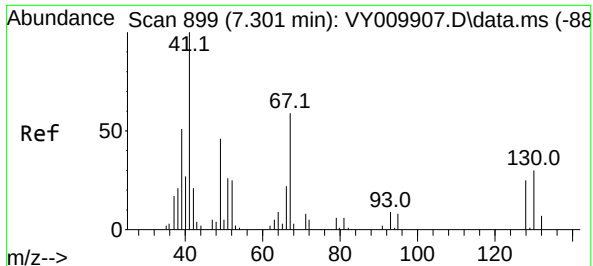
Tgt Ion: 78 Resp: 154685

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

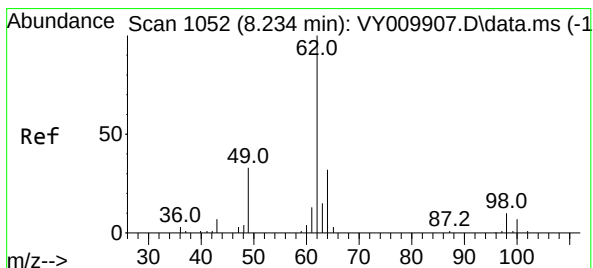
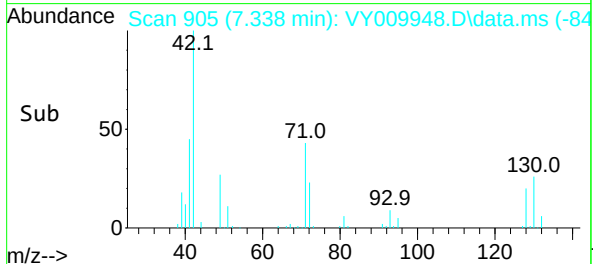
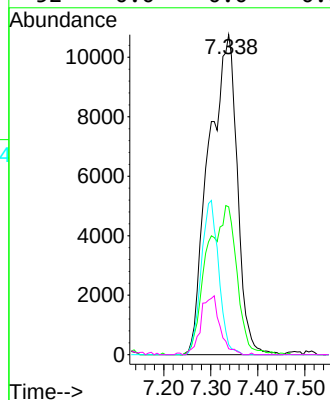
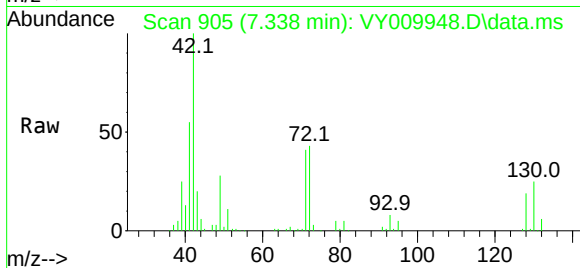




#41
Methacrylonitrile
Concen: 130.625 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.043 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

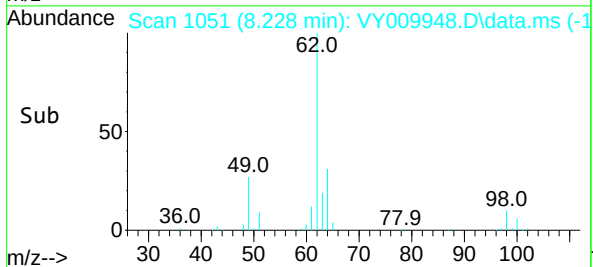
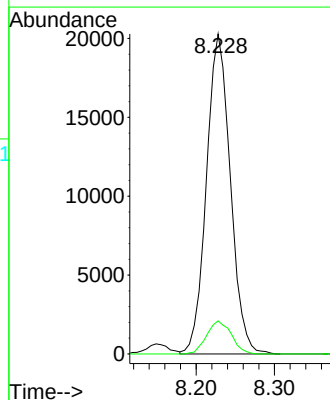
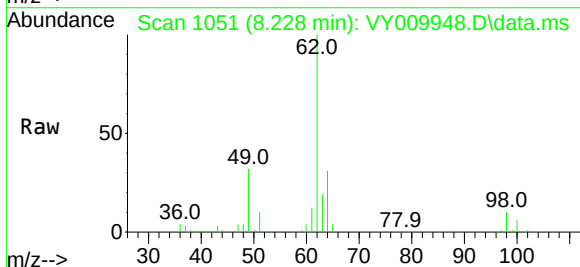
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

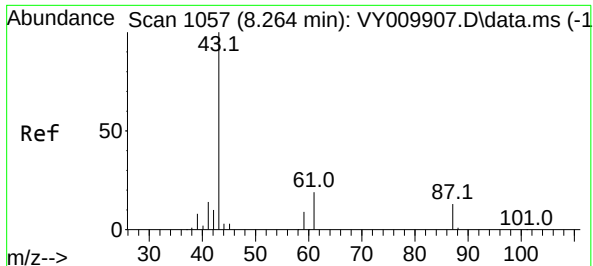
Tgt Ion:	41	Resp:	45115
Ion	Ratio	Lower	Upper
41	100		
39	48.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 54.268 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion:	62	Resp:	43015
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6

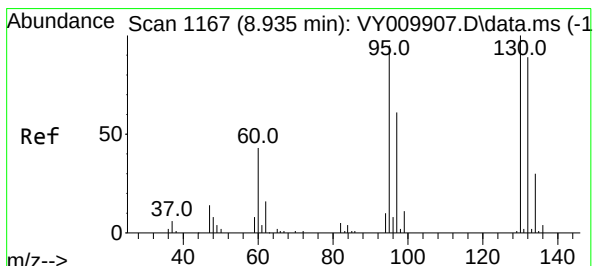
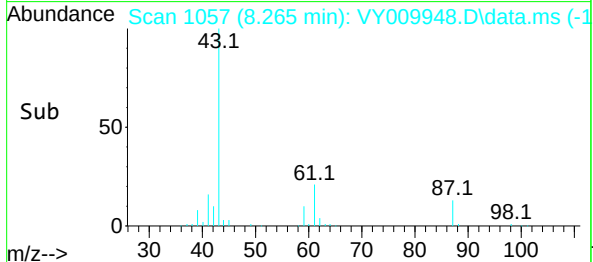
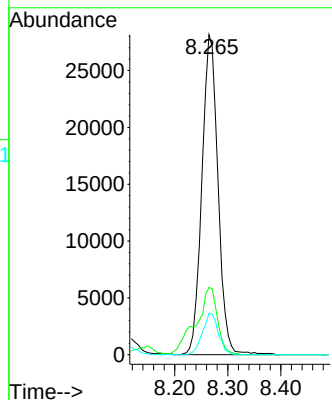
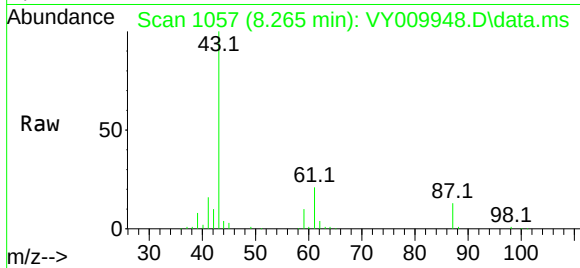




#43
Isopropyl Acetate
Concen: 52.785 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

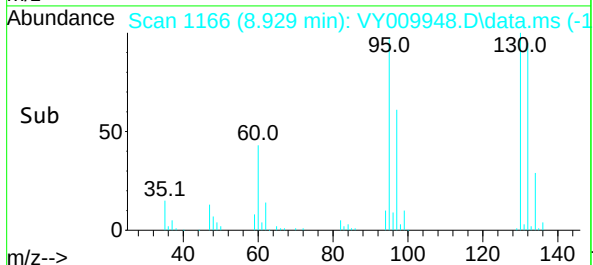
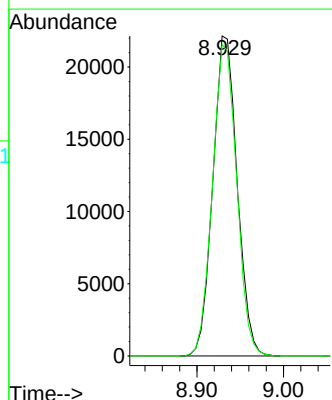
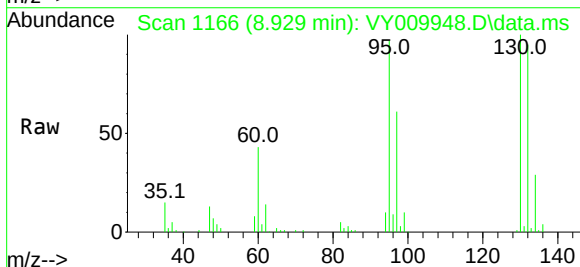
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

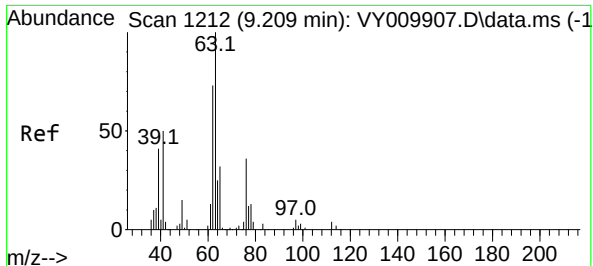
Tgt Ion: 43 Resp: 59416
Ion Ratio Lower Upper
43 100
61 28.3 23.6 35.4
87 12.7 11.3 16.9



#44
Trichloroethene
Concen: 58.422 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion:130 Resp: 43237
Ion Ratio Lower Upper
130 100
95 97.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 59.370 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

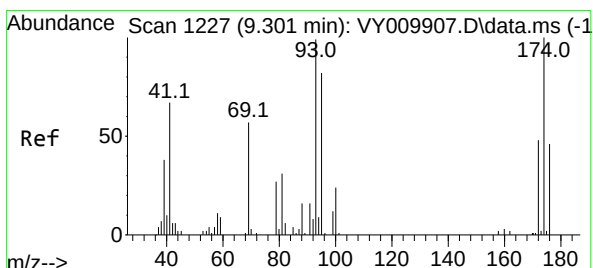
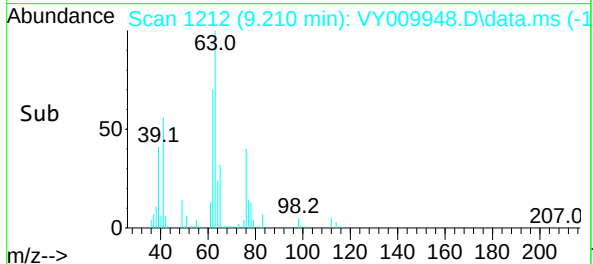
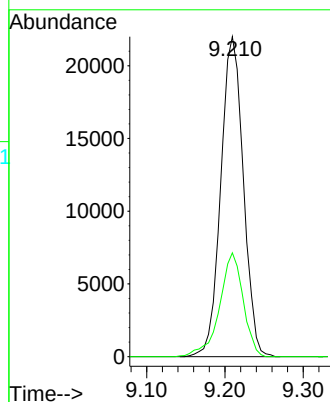
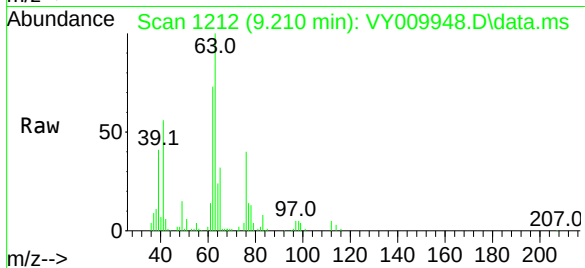
VSTDCCC050EC

Tgt Ion: 63 Resp: 44002

Ion Ratio Lower Upper

63 100

65 32.5 23.7 35.5



#46

Dibromomethane

Concen: 60.805 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

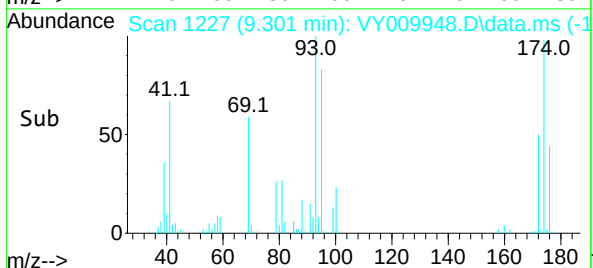
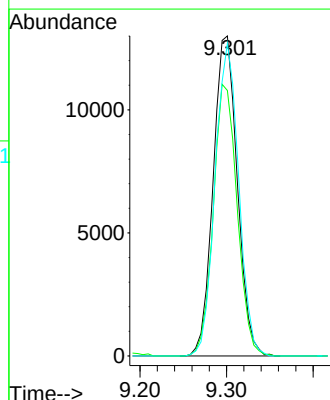
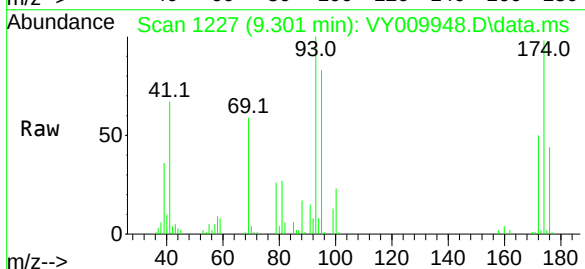
Tgt Ion: 93 Resp: 25192

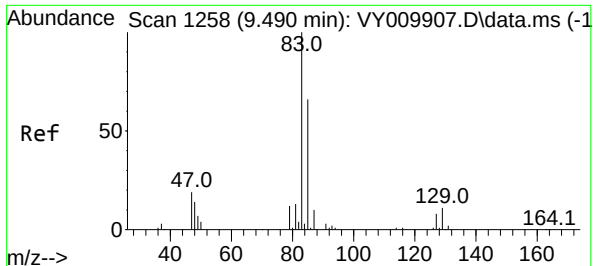
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 95.3 80.6 120.8

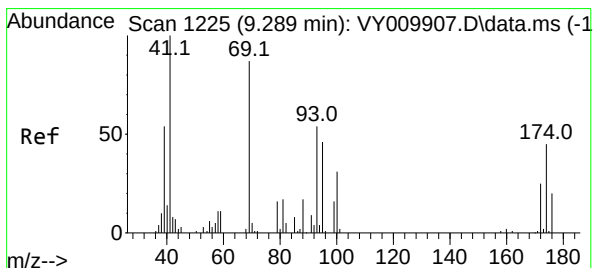
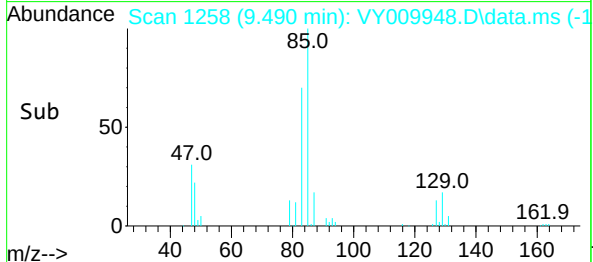
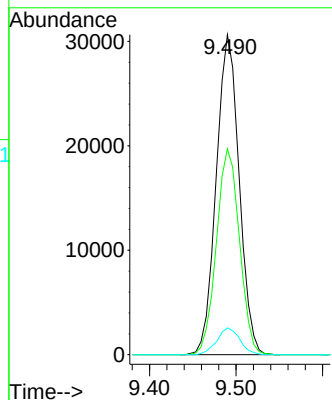
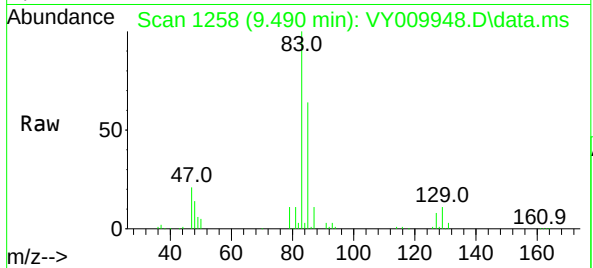




#47
Bromodichloromethane
Concen: 59.193 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

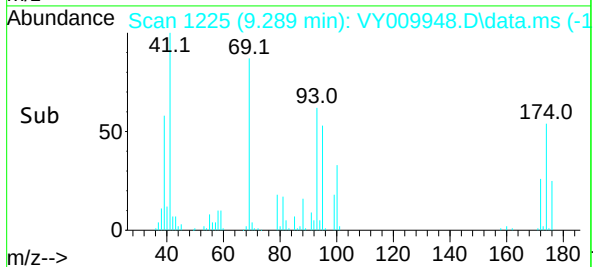
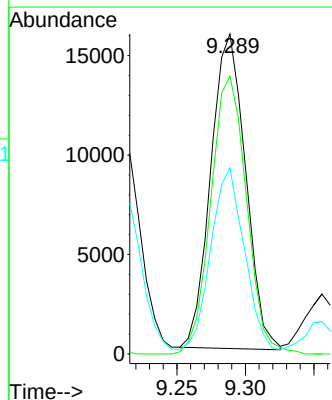
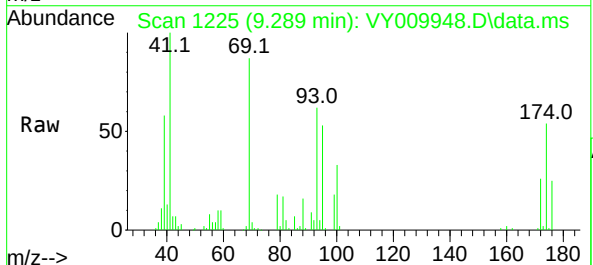
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

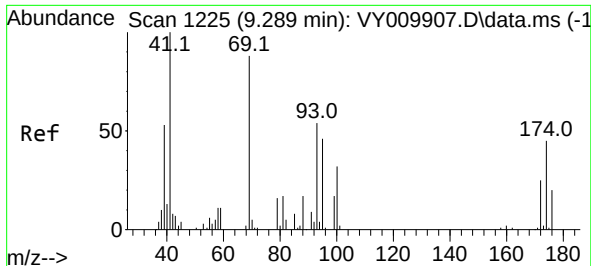
Tgt Ion: 83 Resp: 56274
Ion Ratio Lower Upper
83 100
85 64.4 51.2 76.8
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 55.637 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 41 Resp: 27858
Ion Ratio Lower Upper
41 100
69 90.8 73.2 109.8
39 55.9 47.5 71.3





#49

1,4-Dioxane

Concen: 1221.923 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

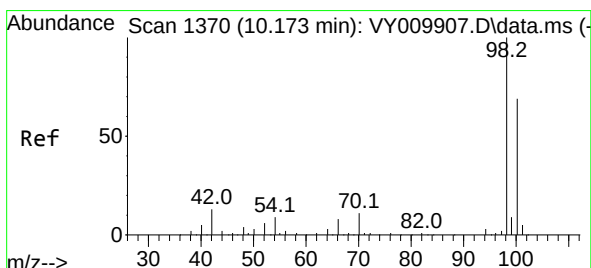
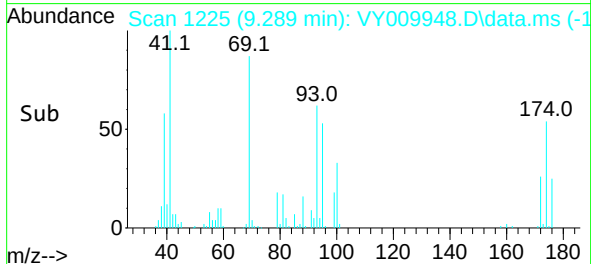
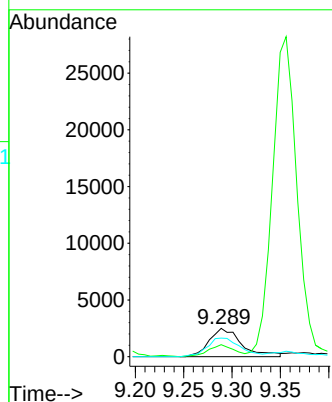
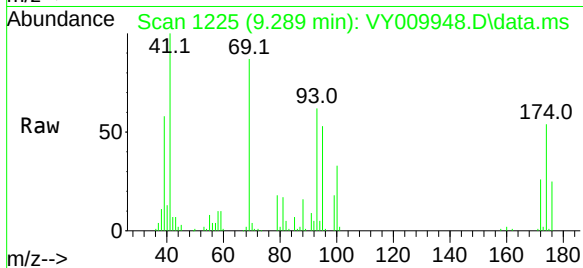
Tgt Ion: 88 Resp: 5811

Ion Ratio Lower Upper

88 100

43 33.8 26.3 39.5

58 67.7 52.6 79.0



#50

Toluene-d8

Concen: 51.566 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.001 min

Lab File: VY009948.D

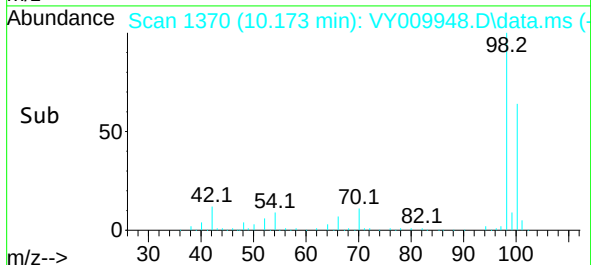
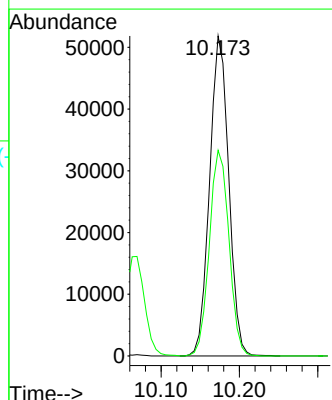
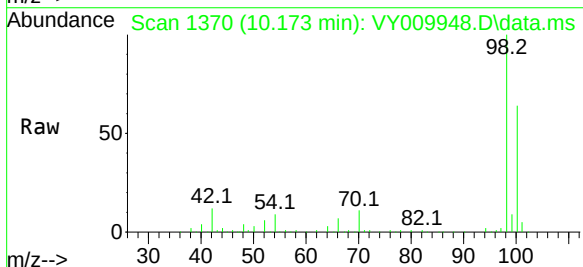
Acq: 10 Aug 2022 04:03

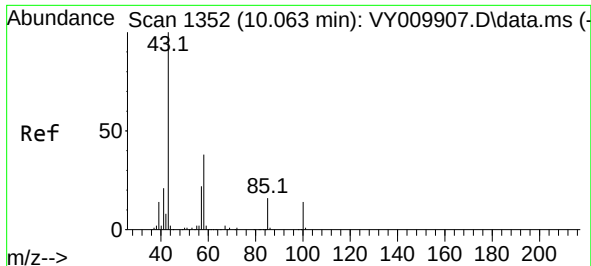
Tgt Ion: 98 Resp: 87864

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3

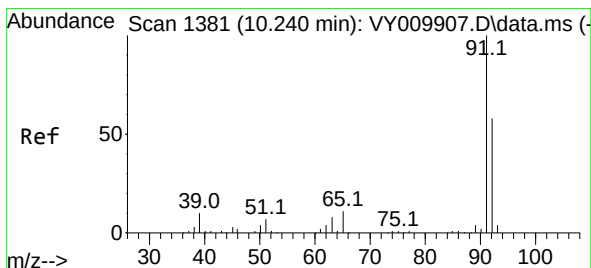
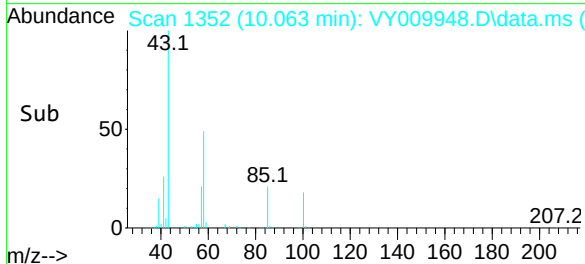
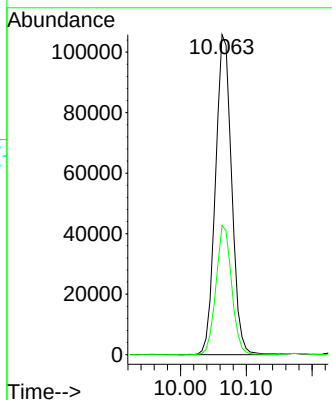
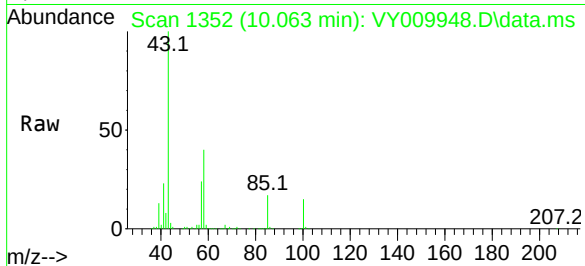




#51
4-Methyl-2-Pentanone
Concen: 290.784 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

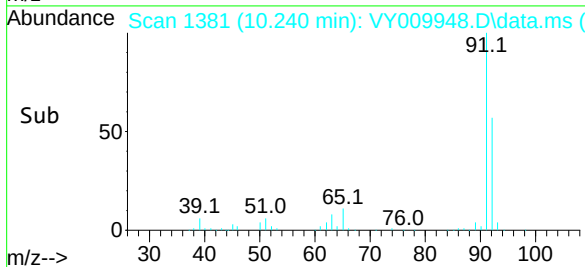
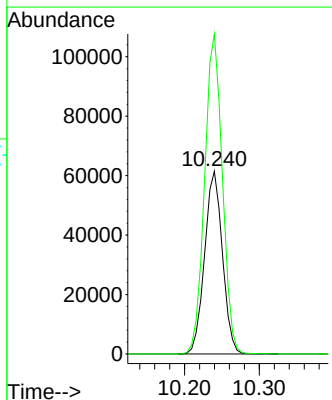
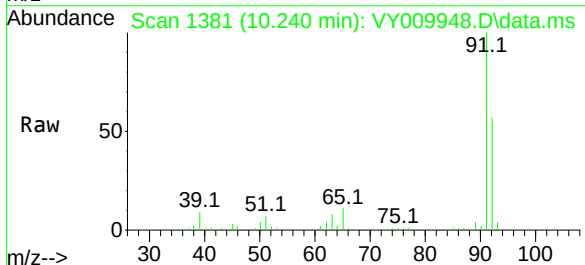
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

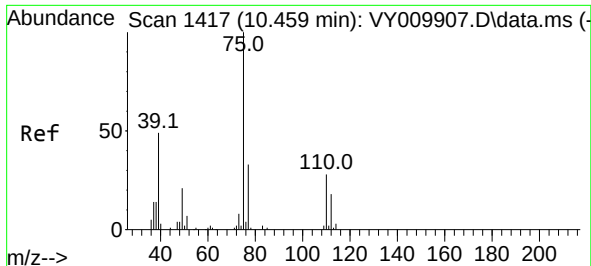
Tgt Ion: 43 Resp: 180895
Ion Ratio Lower Upper
43 100
58 39.3 31.5 47.3



#52
Toluene
Concen: 57.563 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 92 Resp: 101780
Ion Ratio Lower Upper
92 100
91 174.5 138.7 208.1

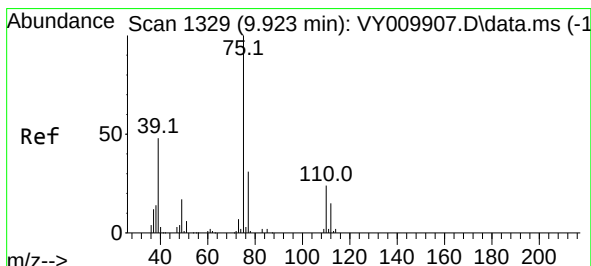
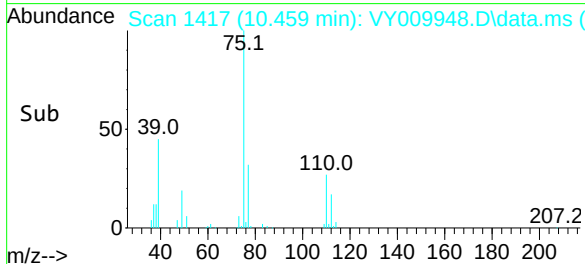
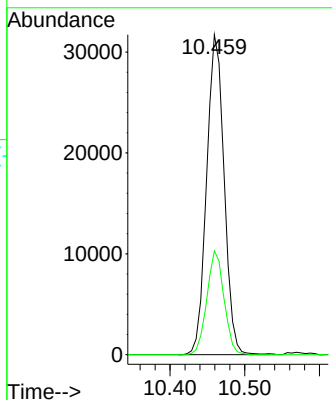
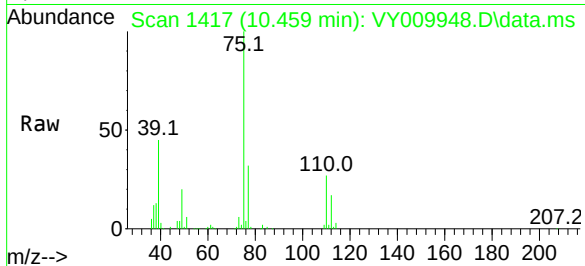




#53
 t-1,3-Dichloropropene
 Concen: 51.729 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

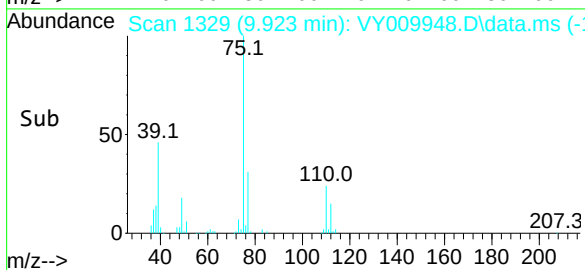
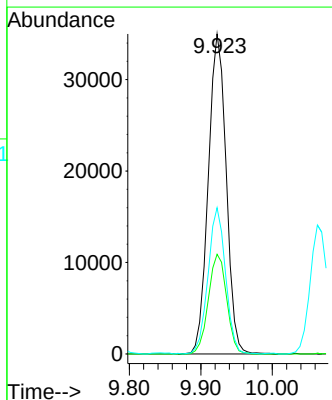
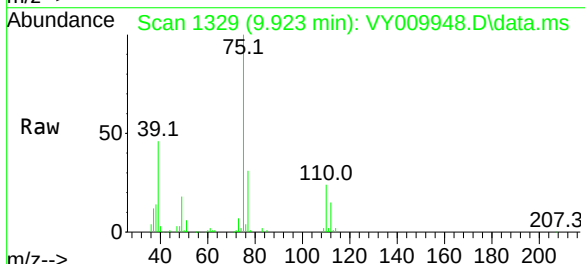
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

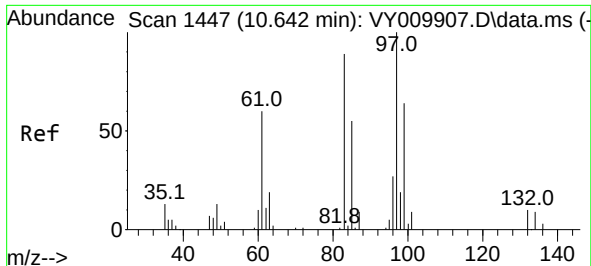
Tgt Ion: 75 Resp: 51564
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.535 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.001 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

Tgt Ion: 75 Resp: 60882
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 45.7 35.8 53.8



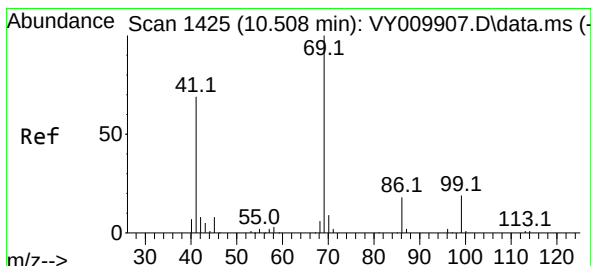
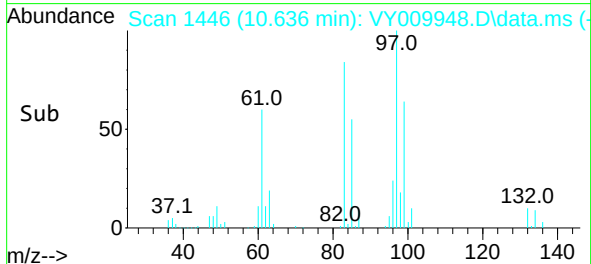
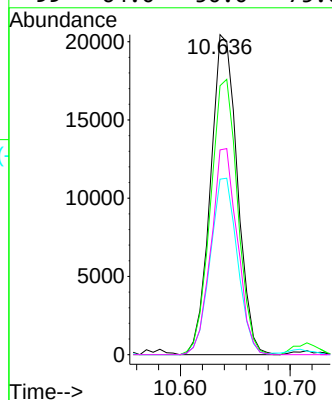
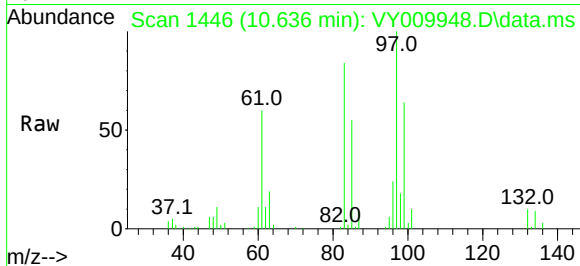


#55
1,1,2-Trichloroethane
Concen: 58.099 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 34747

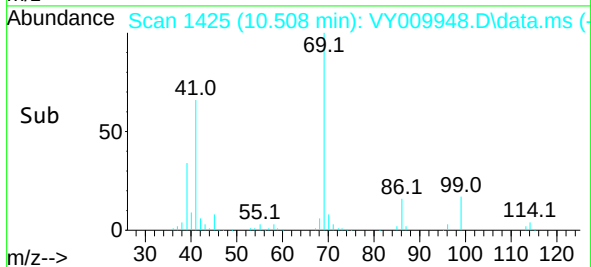
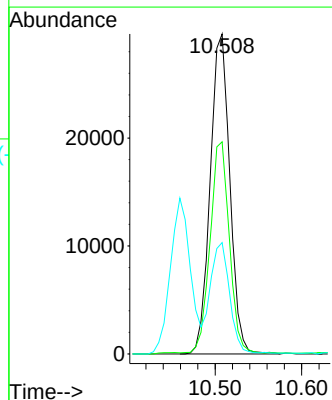
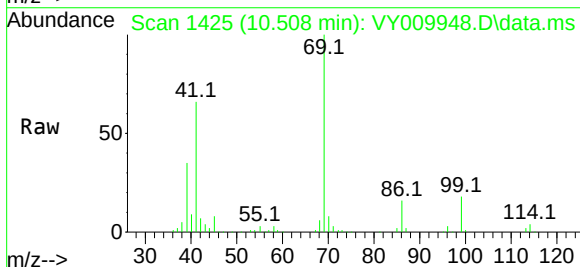
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.9	100.3
85	54.9	44.2	66.4
99	64.0	50.0	75.0

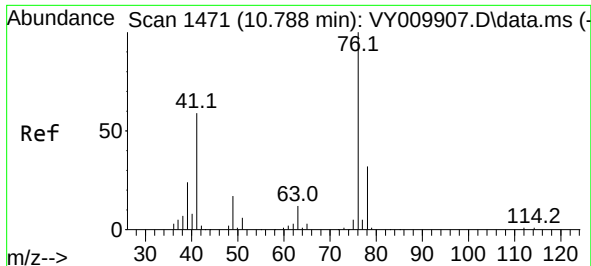


#56
Ethyl methacrylate
Concen: 60.287 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 69 Resp: 46615

Ion	Ratio	Lower	Upper
69	100		
41	65.0	50.4	75.6
39	34.2	27.6	41.4





#57

1,3-Dichloropropane

Concen: 57.372 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

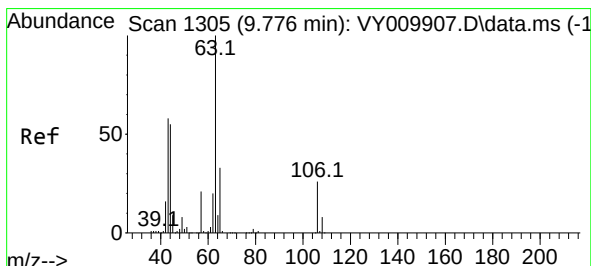
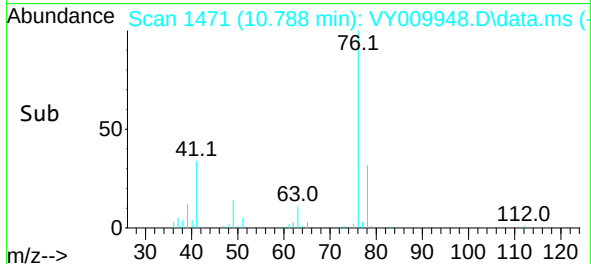
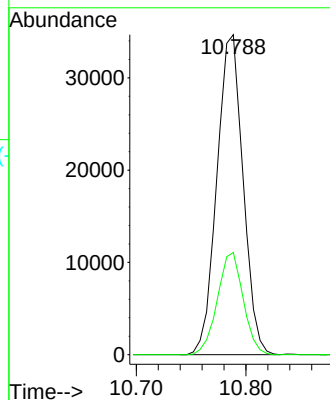
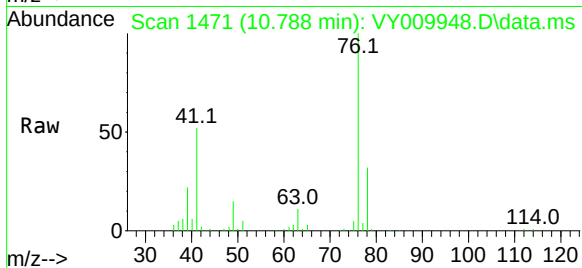
VSTDCCC050EC

Tgt Ion: 76 Resp: 57550

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 282.962 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009948.D

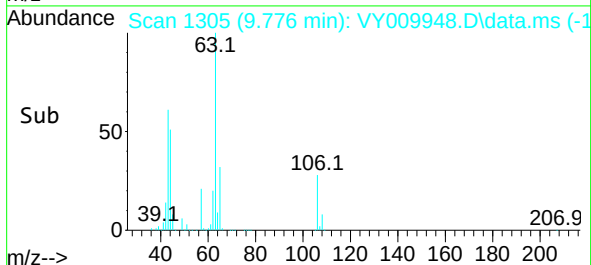
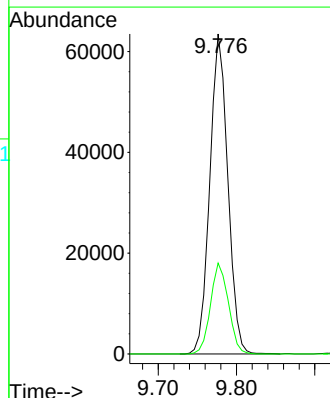
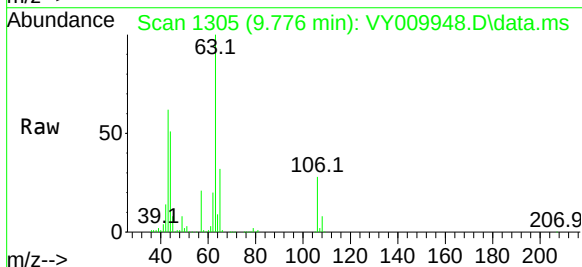
Acq: 10 Aug 2022 04:03

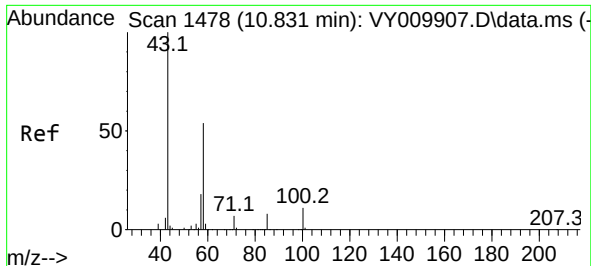
Tgt Ion: 63 Resp: 101222

Ion Ratio Lower Upper

63 100

106 28.2 23.3 34.9





#59

2-Hexanone

Concen: 288.769 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

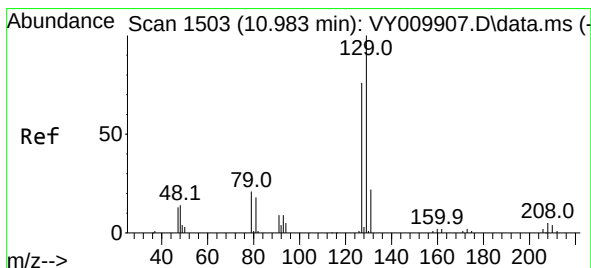
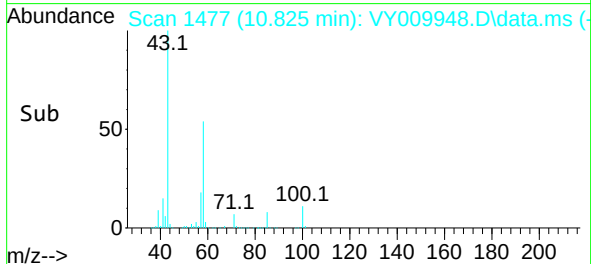
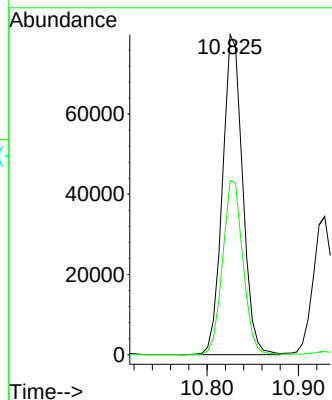
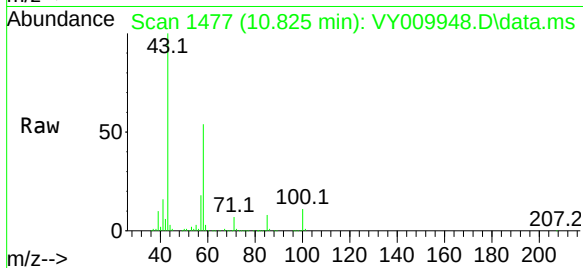
VSTDCCC050EC

Tgt Ion: 43 Resp: 122619

Ion Ratio Lower Upper

43 100

58 54.9 27.6 82.8



#60

Dibromochloromethane

Concen: 55.533 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY009948.D

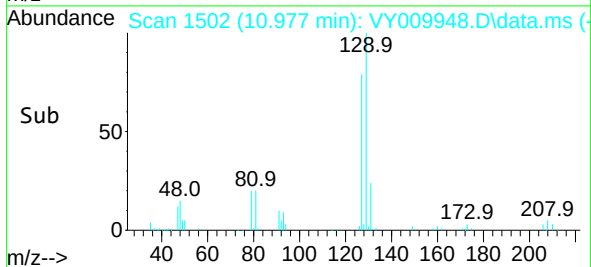
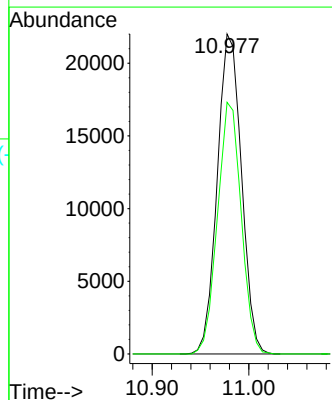
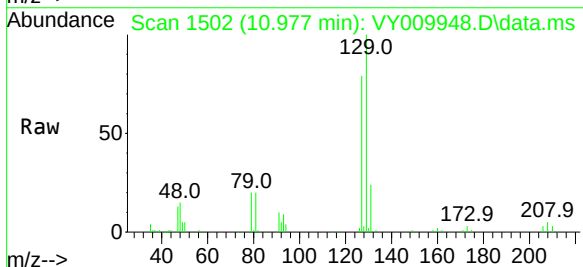
Acq: 10 Aug 2022 04:03

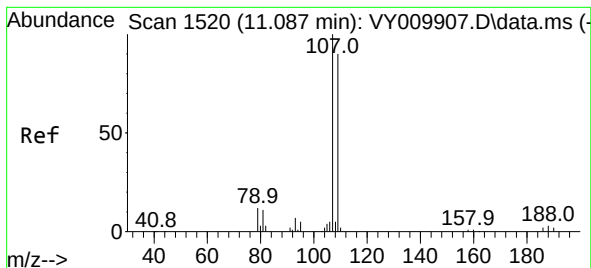
Tgt Ion:129 Resp: 38236

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4

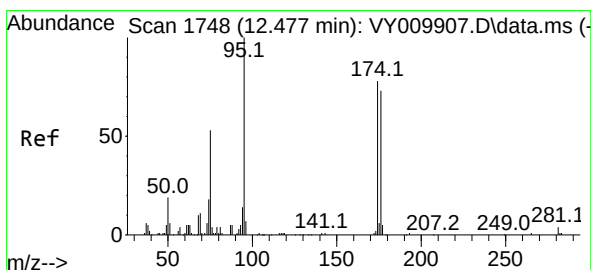
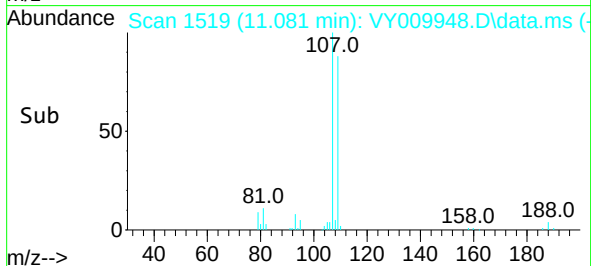
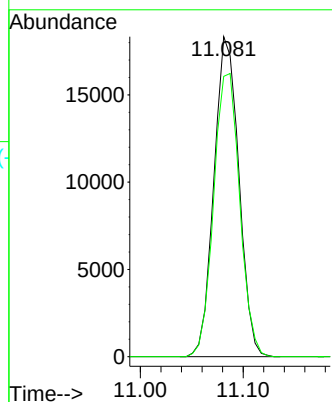
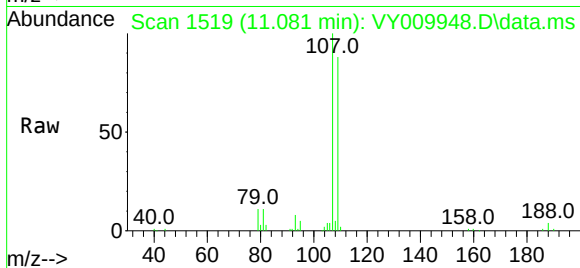




#61
1,2-Dibromoethane
Concen: 54.253 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

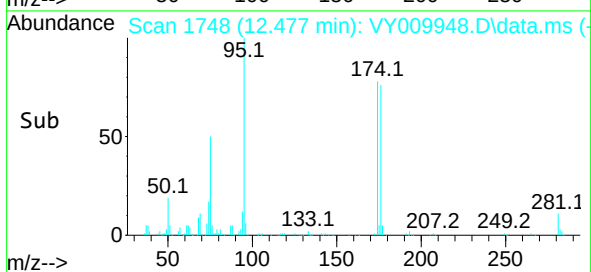
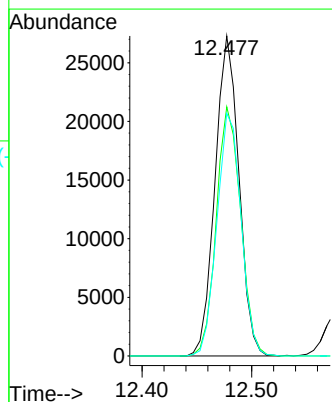
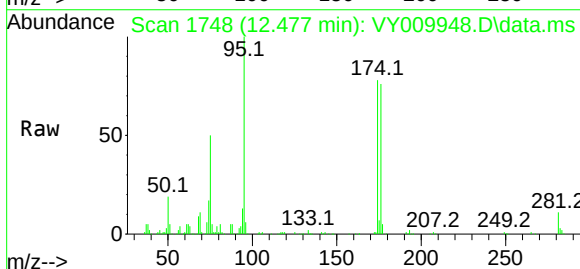
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

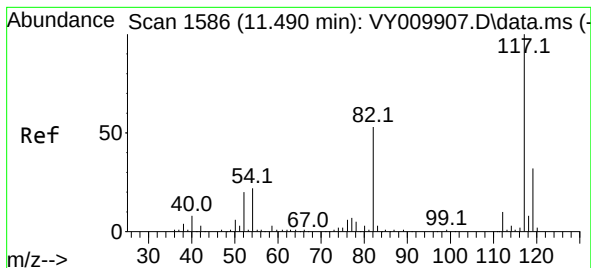
Tgt Ion:107 Resp: 30850
Ion Ratio Lower Upper
107 100
109 92.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.413 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 95 Resp: 41335
Ion Ratio Lower Upper
95 100
174 79.3 0.0 173.8
176 76.8 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

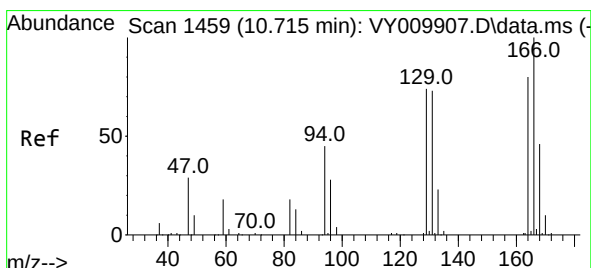
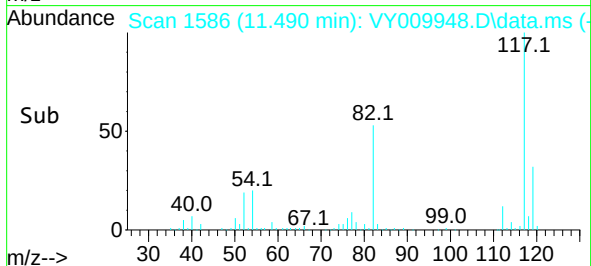
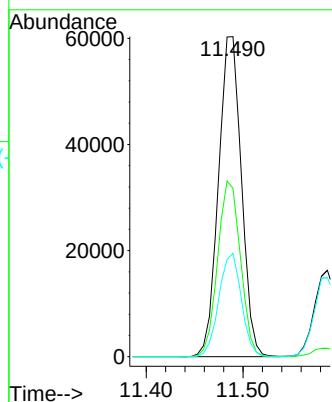
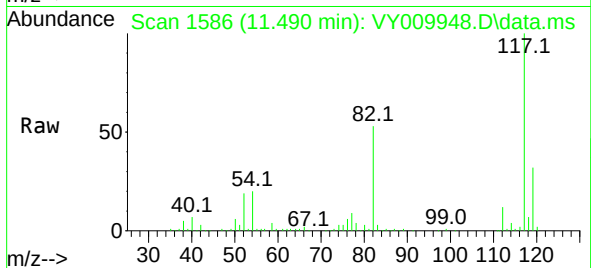
Tgt Ion:117 Resp: 99311

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 54.066 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Tgt Ion:164 Resp: 39329

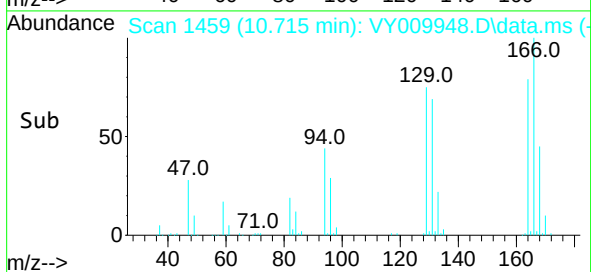
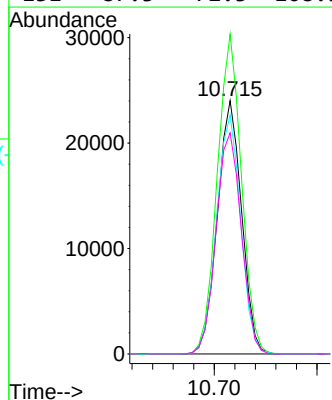
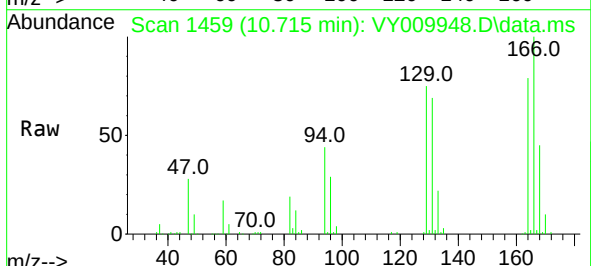
Ion Ratio Lower Upper

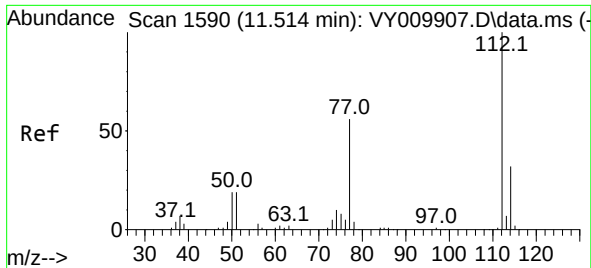
164 100

166 126.3 104.9 157.3

129 94.4 76.5 114.7

131 87.3 72.3 108.5

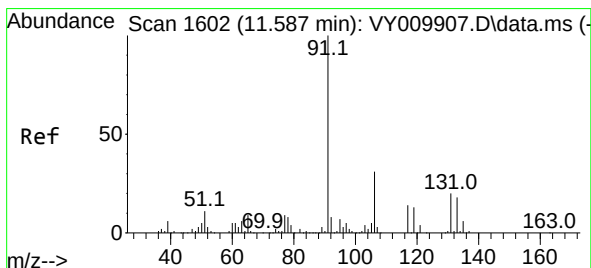
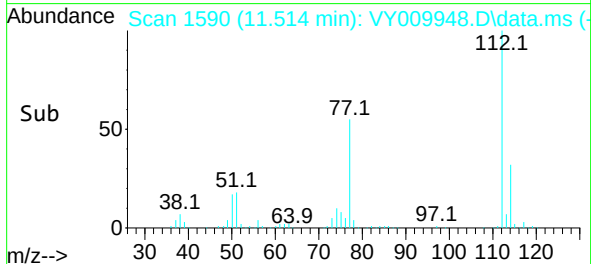
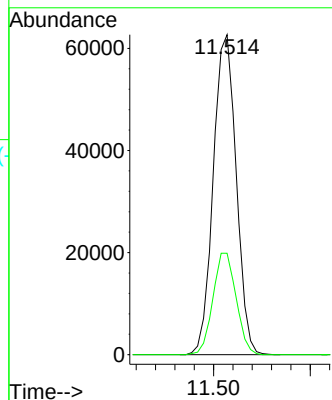
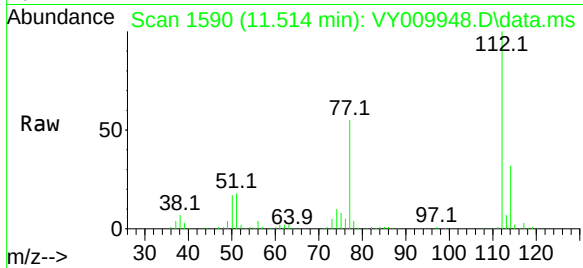




#65
Chlorobenzene
Concen: 52.347 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

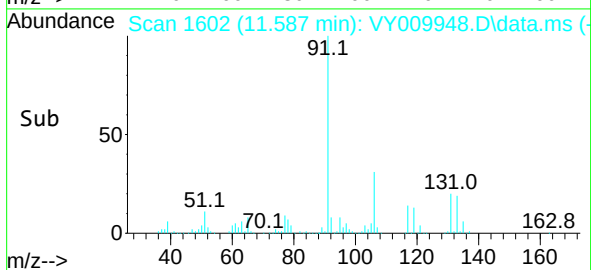
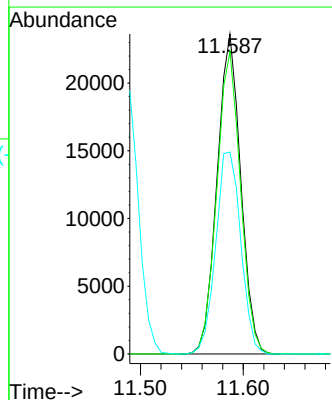
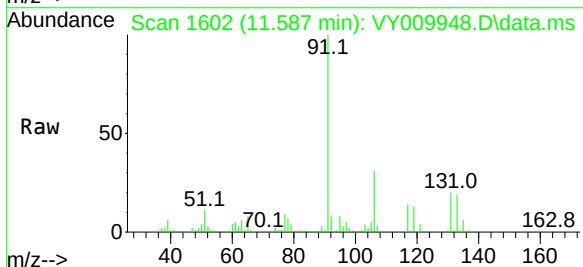
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

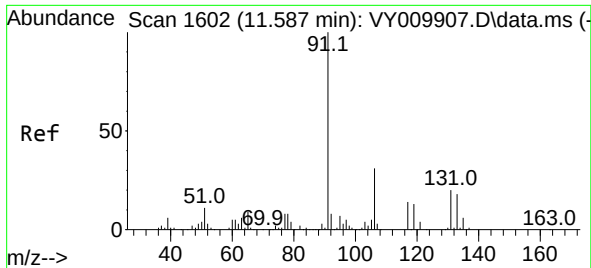
Tgt Ion:112 Resp: 103213
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.892 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion:131 Resp: 37697
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 66.9 32.1 96.3

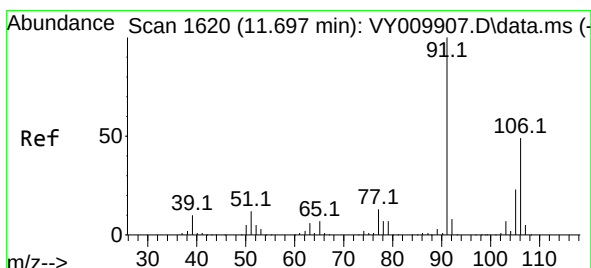
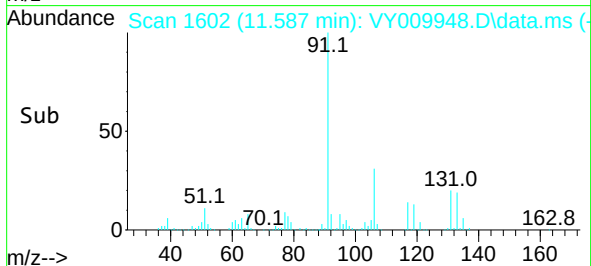
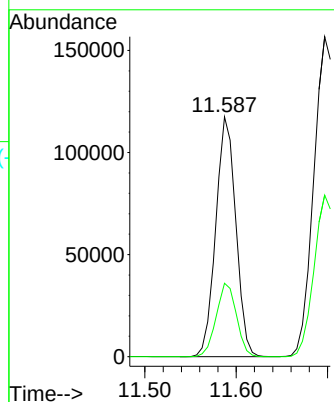
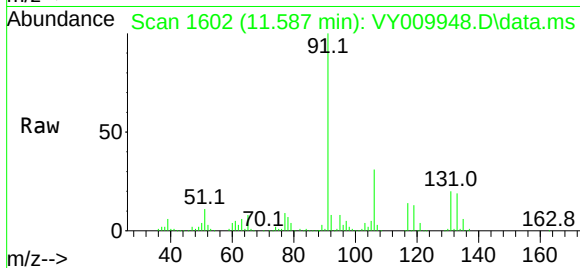




#67
Ethyl Benzene
Concen: 52.462 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

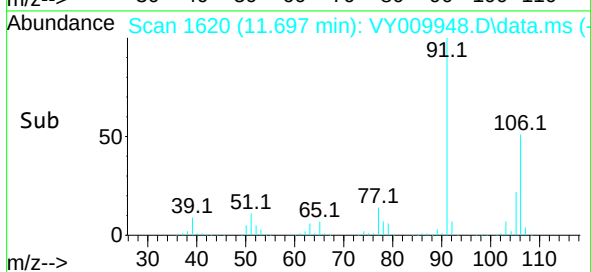
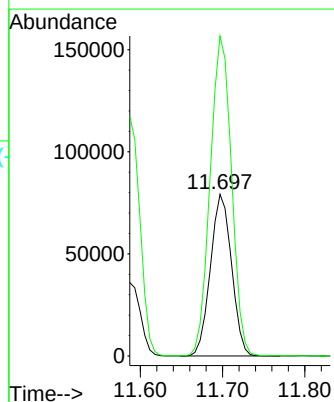
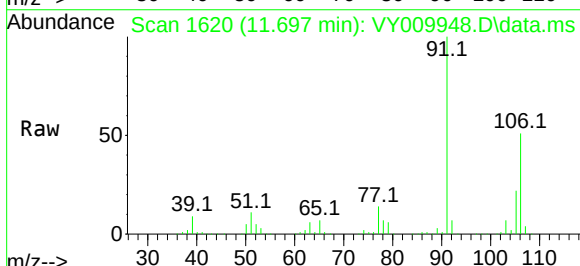
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

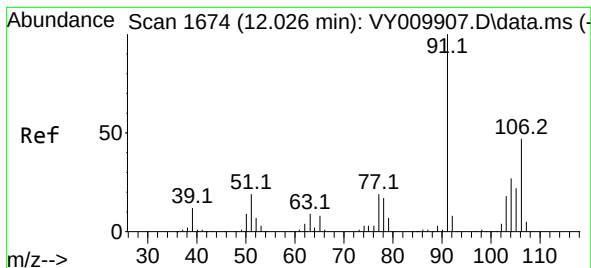
Tgt Ion: 91 Resp: 179149
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.4



#68
m/p-Xylenes
Concen: 108.046 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 106 Resp: 141164
Ion Ratio Lower Upper
106 100
91 200.6 156.2 234.2





#69

o-Xylene

Concen: 54.968 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

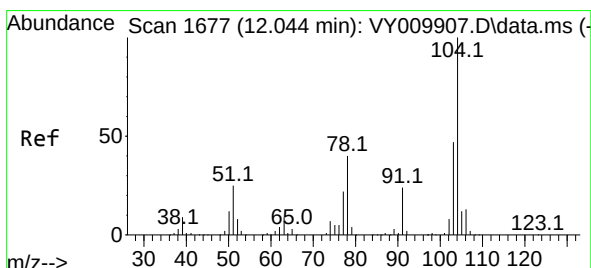
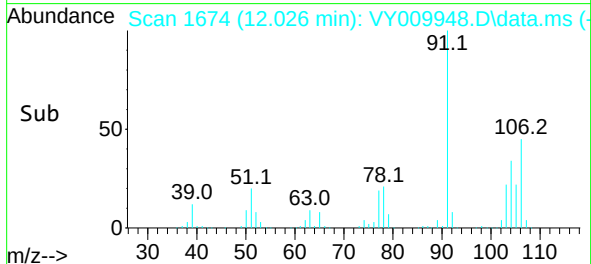
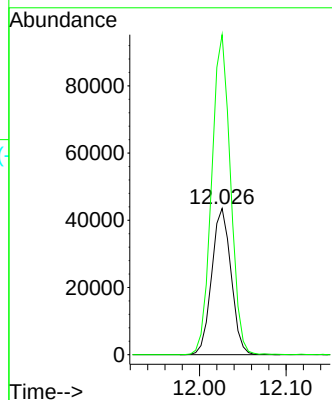
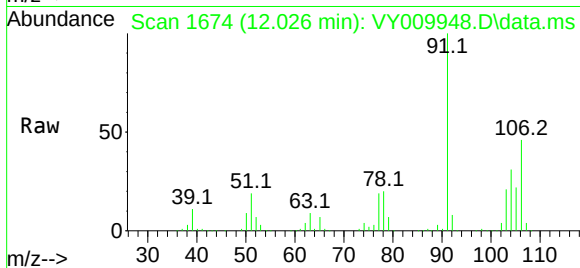
VSTDCCC050EC

Tgt Ion:106 Resp: 67412

Ion Ratio Lower Upper

106 100

91 213.5 103.2 309.4



#70

Styrene

Concen: 56.132 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

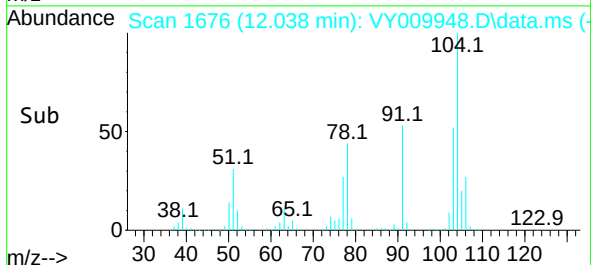
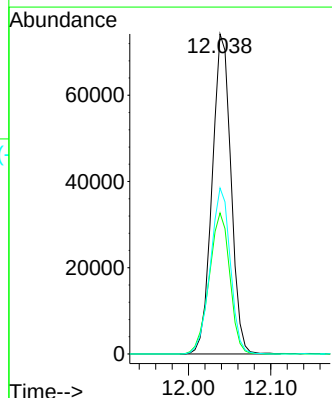
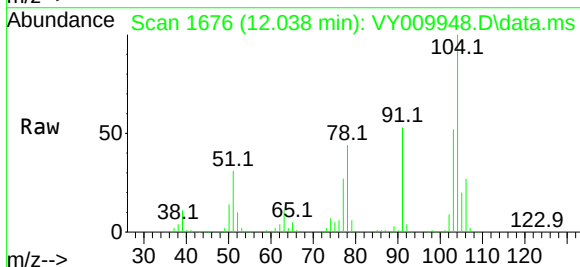
Tgt Ion:104 Resp: 118065

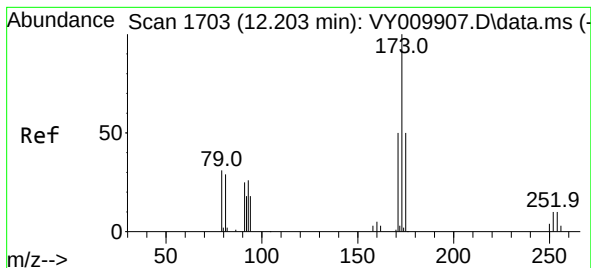
Ion Ratio Lower Upper

104 100

78 48.2 38.6 57.8

103 54.9 43.3 64.9





#71

Bromoform

Concen: 55.080 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

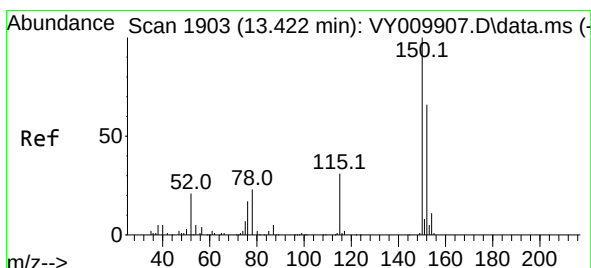
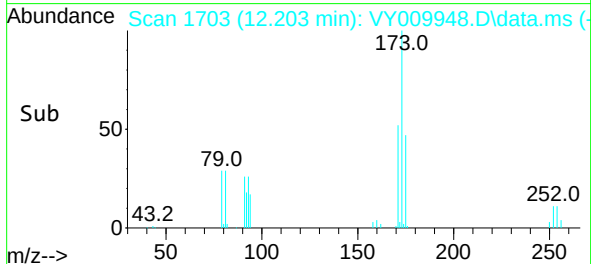
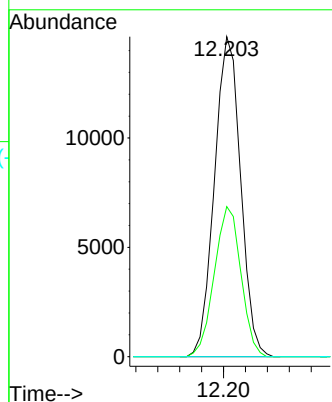
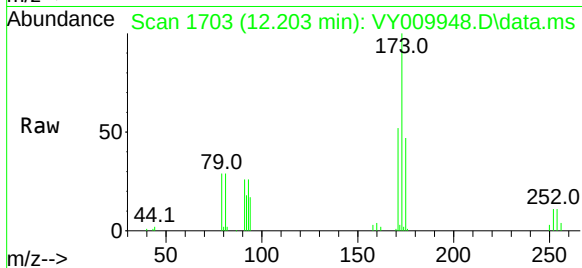
Tgt Ion:173 Resp: 24247

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

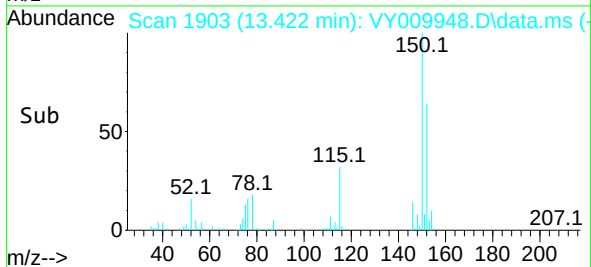
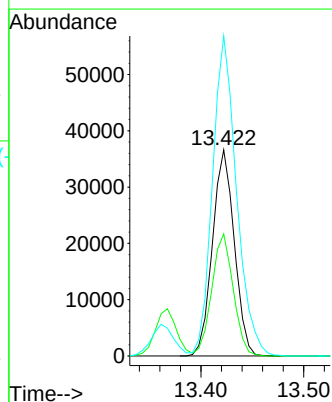
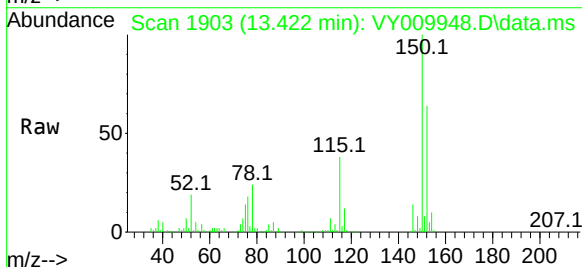
Tgt Ion:152 Resp: 54005

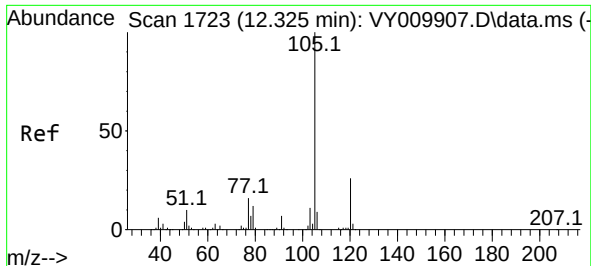
Ion Ratio Lower Upper

152 100

115 58.2 28.6 85.9

150 170.9 0.0 349.8

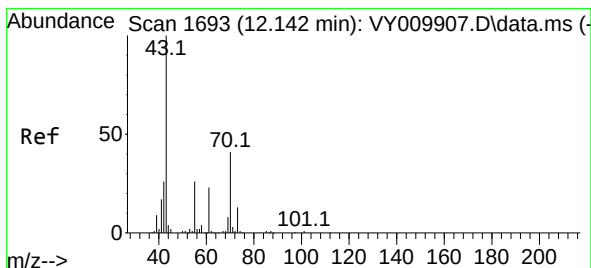
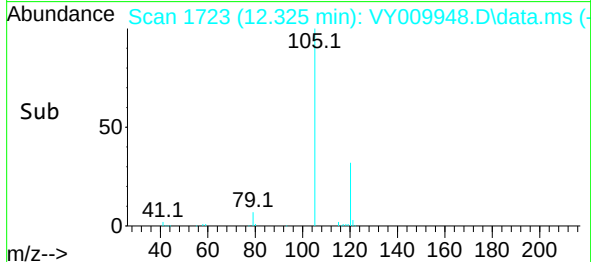
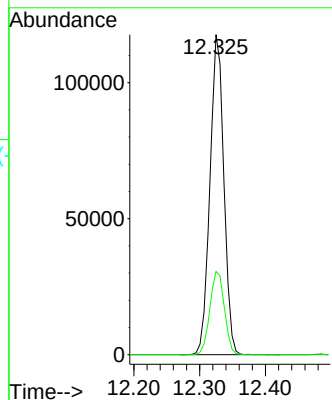
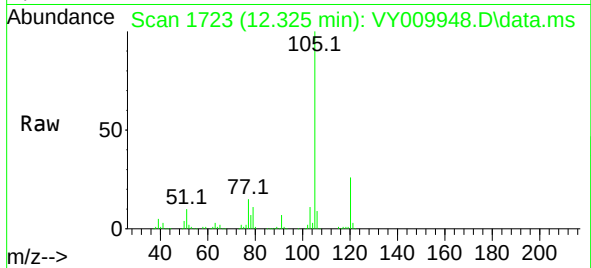




#73
Isopropylbenzene
Concen: 47.911 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

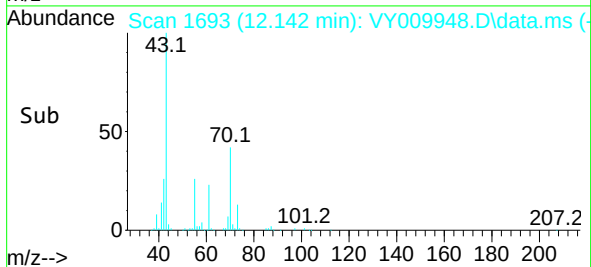
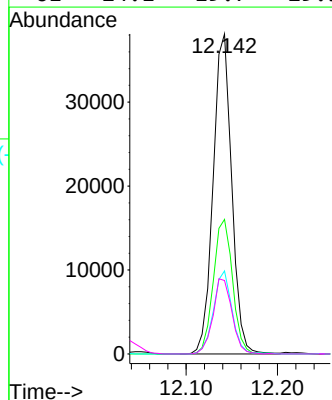
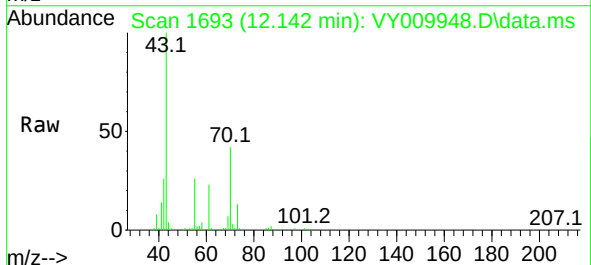
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

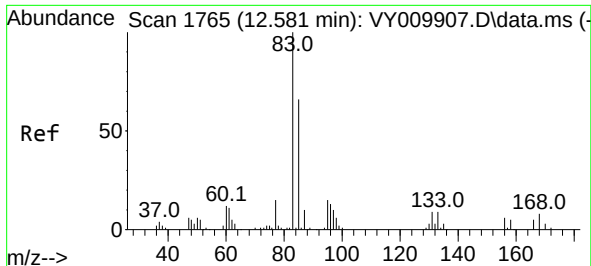
Tgt Ion:105 Resp: 172671
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 46.006 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 43 Resp: 53798
Ion Ratio Lower Upper
43 100
70 43.6 35.6 53.4
55 25.9 19.5 29.3
61 24.1 19.7 29.5

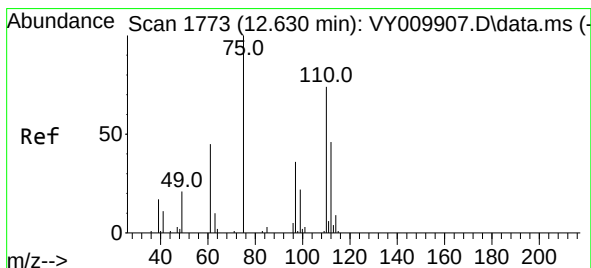
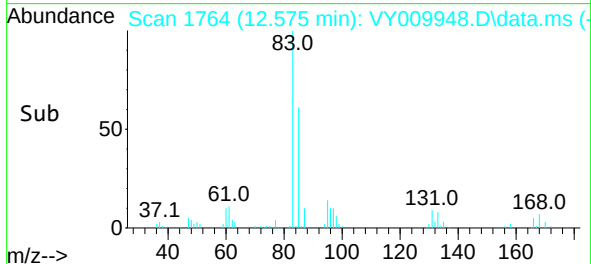
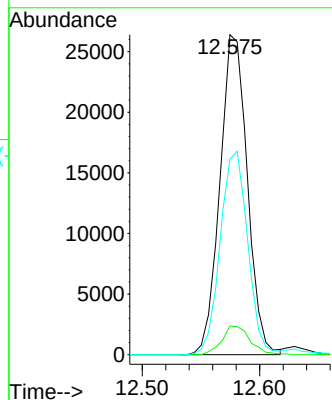
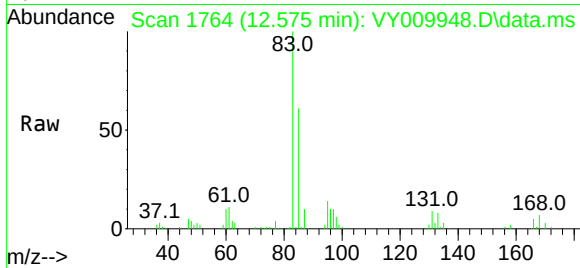




#75
1,1,2,2-Tetrachloroethane
Concen: 51.813 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.005 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

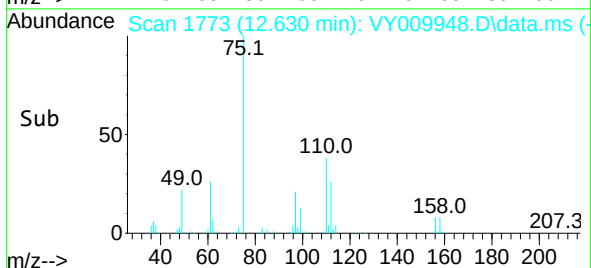
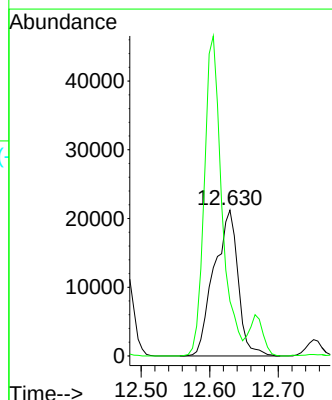
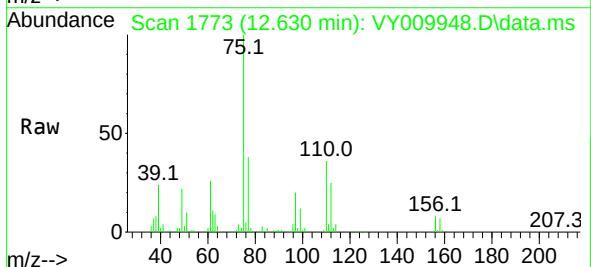
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

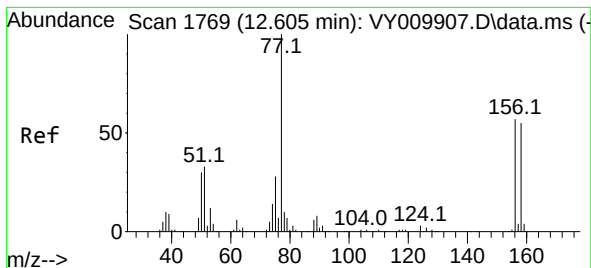
Tgt Ion: 83 Resp: 42811
Ion Ratio Lower Upper
83 100
131 9.2 5.4 16.2
85 63.6 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 87.281 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 75 Resp: 51571
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.676 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

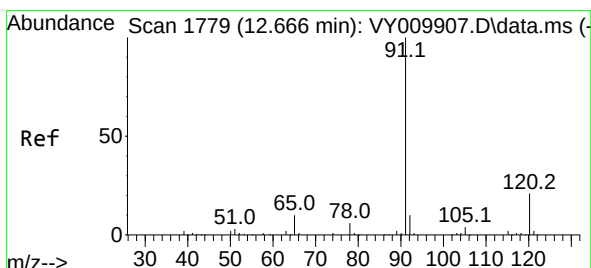
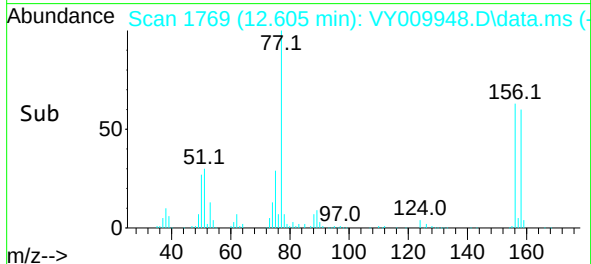
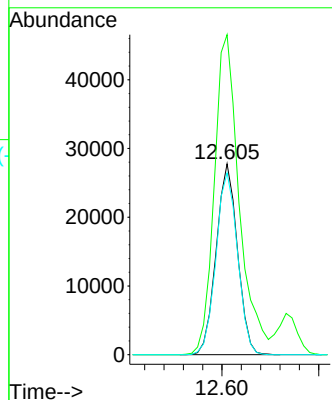
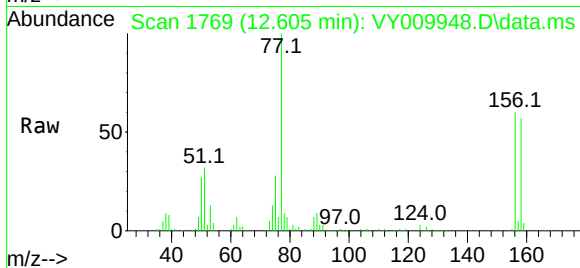
Tgt Ion:156 Resp: 42363

Ion Ratio Lower Upper

156 100

77 196.3 88.1 264.3

158 96.6 48.6 145.8



#78

n-propylbenzene

Concen: 49.243 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009948.D

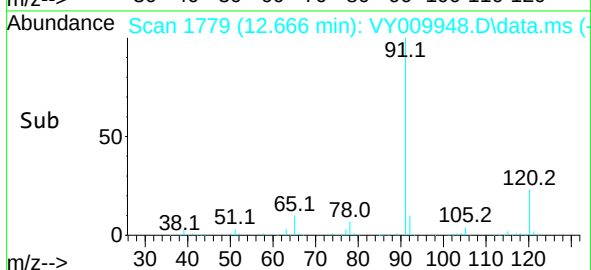
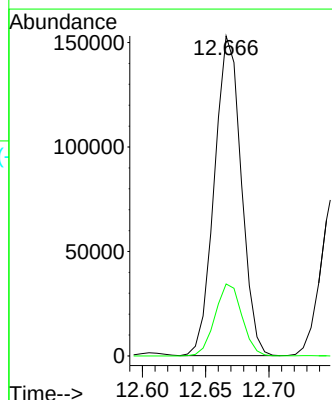
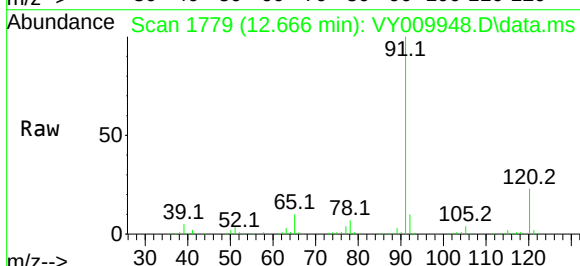
Acq: 10 Aug 2022 04:03

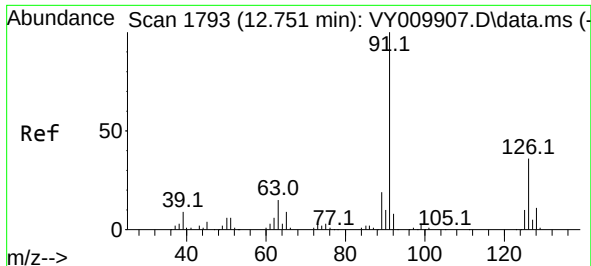
Tgt Ion: 91 Resp: 225441

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5

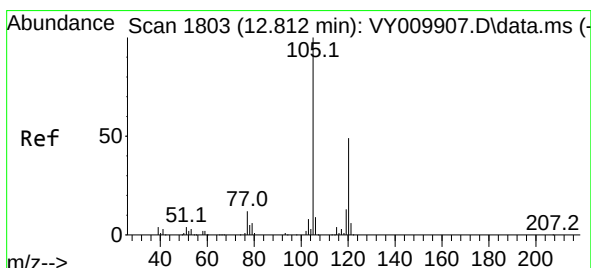
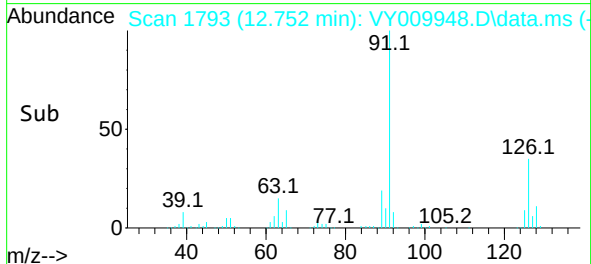
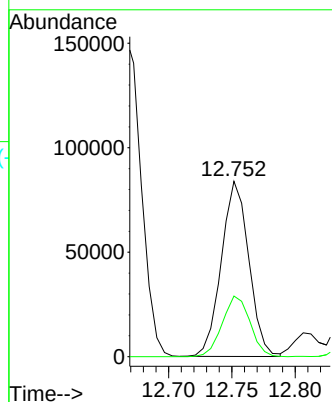
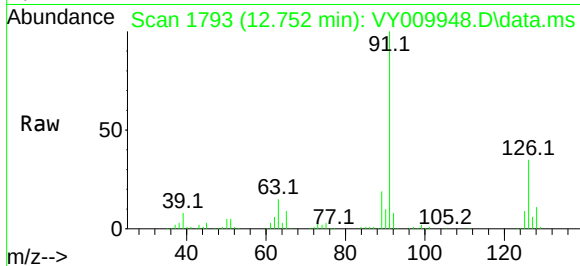




#79
2-Chlorotoluene
Concen: 49.517 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

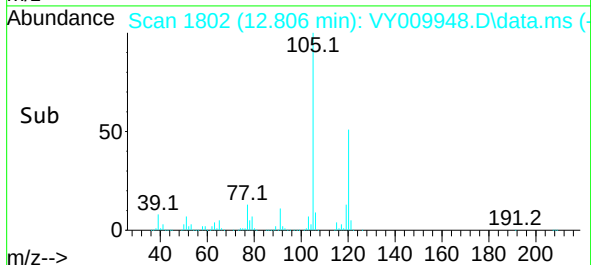
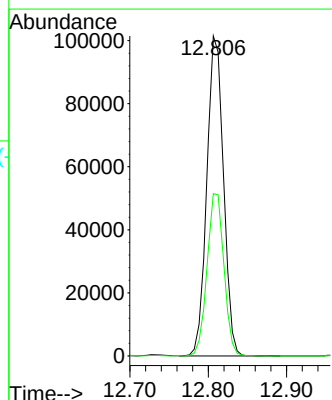
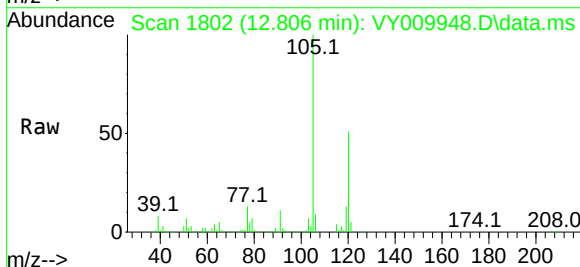
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

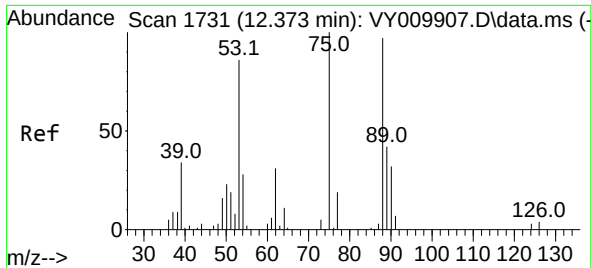
Tgt Ion: 91 Resp: 126877
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 49.679 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 105 Resp: 149914
Ion Ratio Lower Upper
105 100
120 51.3 25.3 75.8

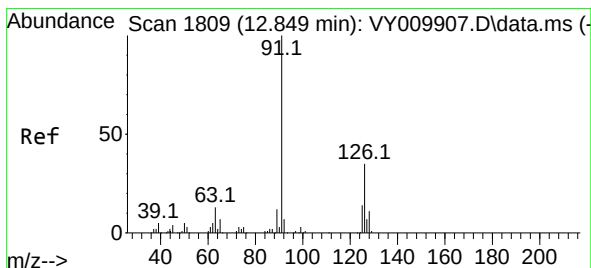
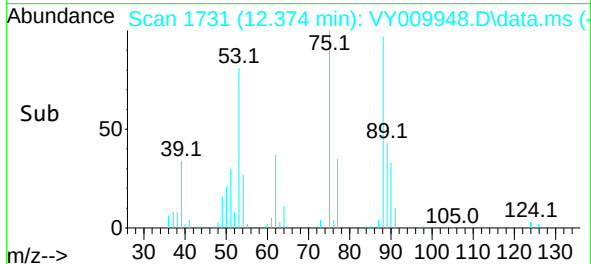
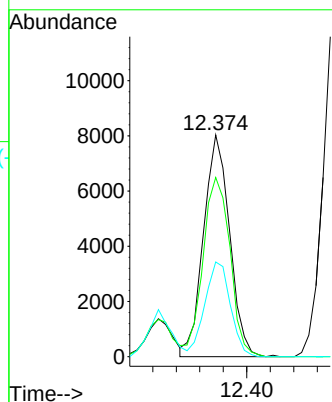
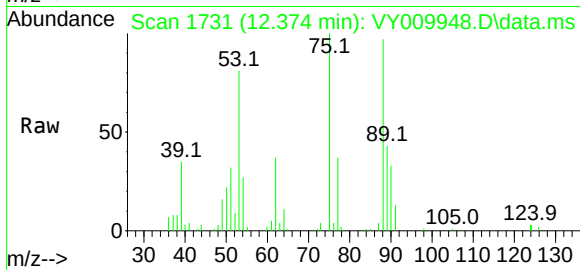




#81
trans-1,4-Dichloro-2-butene
Concen: 42.371 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

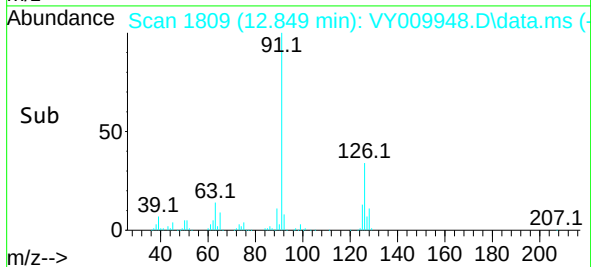
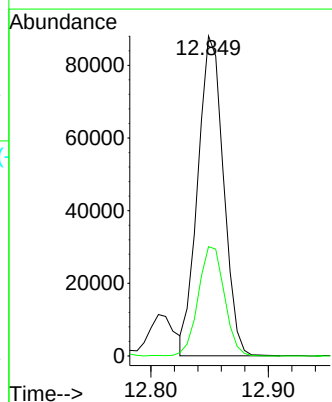
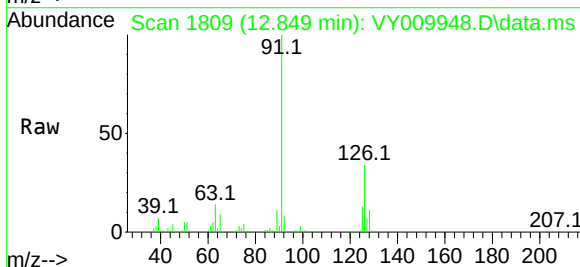
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

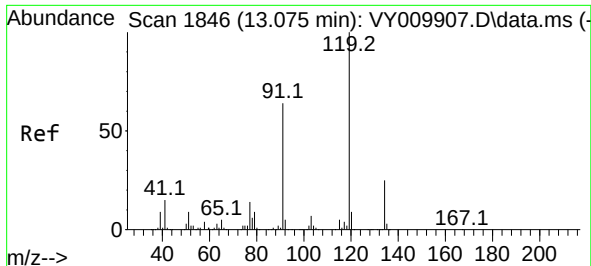
Tgt Ion: 75 Resp: 12383
Ion Ratio Lower Upper
75 100
53 83.8 71.4 107.2
89 41.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 49.429 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion: 91 Resp: 133521
Ion Ratio Lower Upper
91 100
126 34.9 18.0 54.0

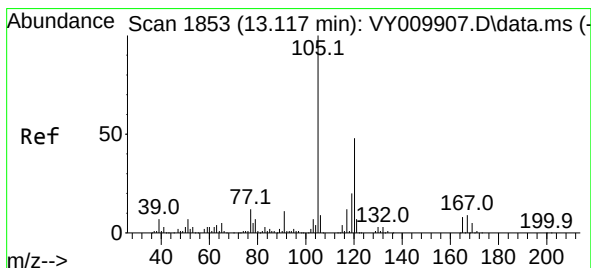
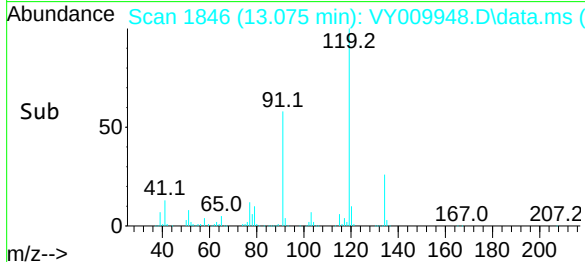
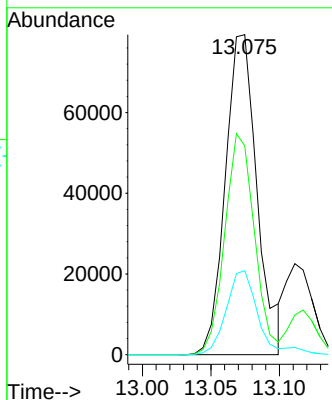
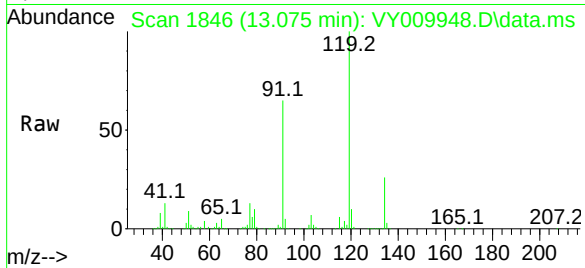




#83
tert-Butylbenzene
Concen: 49.081 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

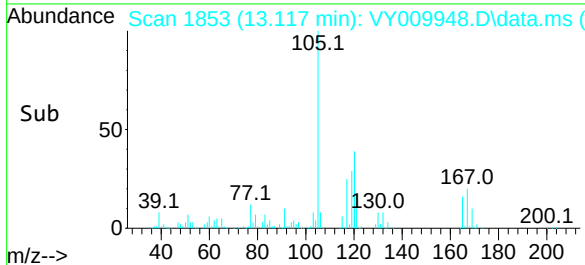
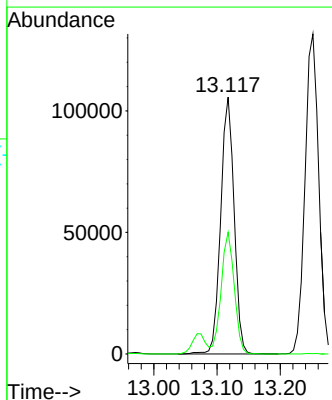
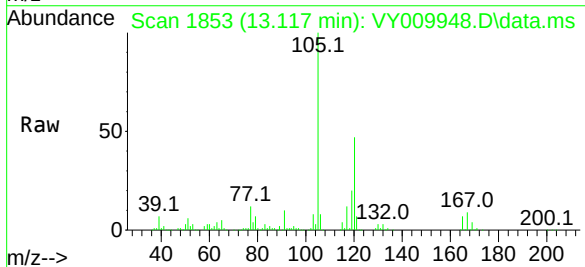
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

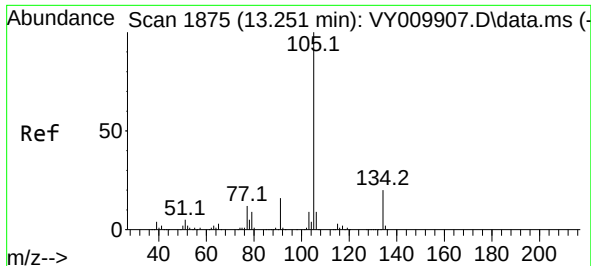
Tgt Ion:119 Resp: 128034
Ion Ratio Lower Upper
119 100
91 64.7 32.0 96.0
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.975 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009948.D
Acq: 10 Aug 2022 04:03

Tgt Ion:105 Resp: 154930
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.3

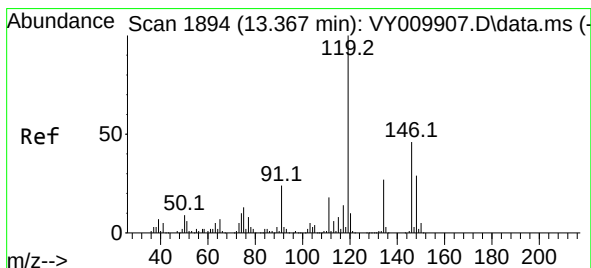
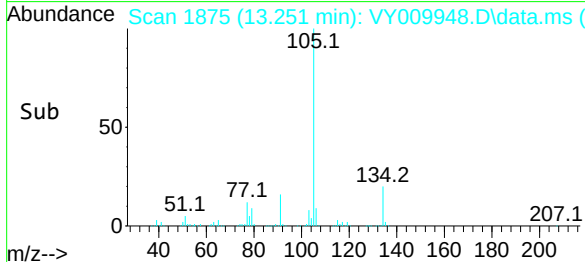
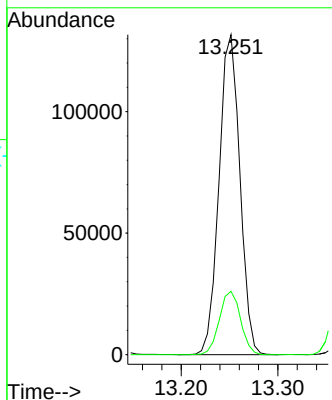
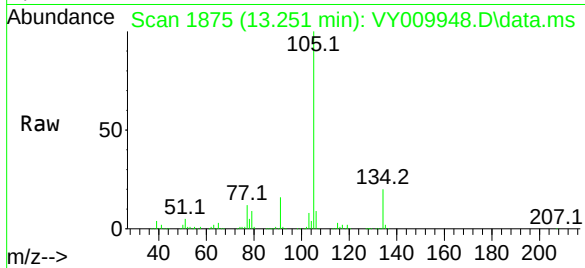




#85
 sec-Butylbenzene
 Concen: 49.198 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

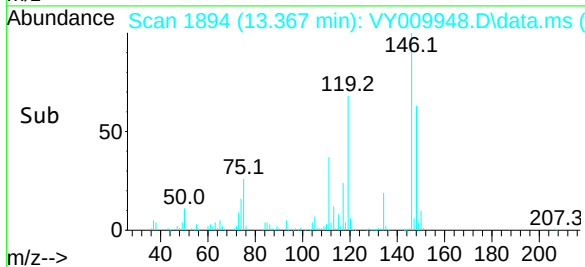
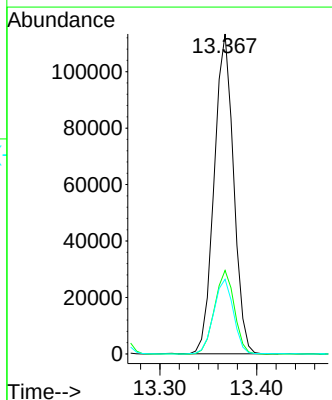
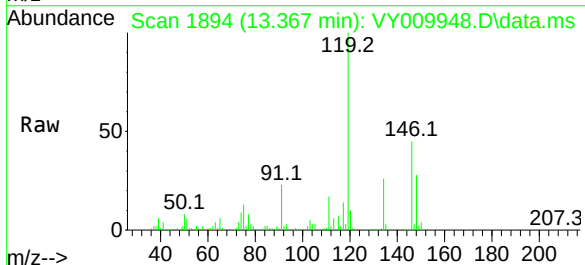
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

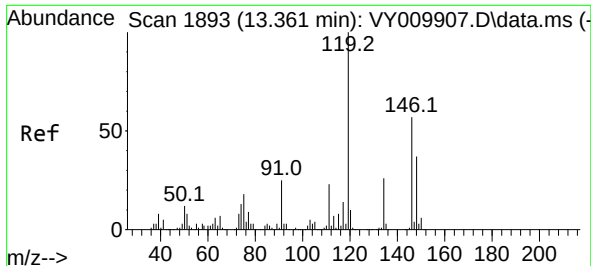
Tgt Ion:105 Resp: 197048
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 48.540 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009948.D
 Acq: 10 Aug 2022 04:03

Tgt Ion:119 Resp: 157387
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 23.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.492 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

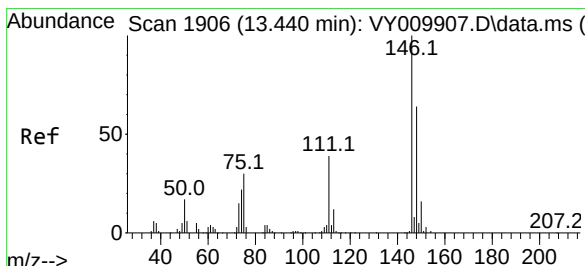
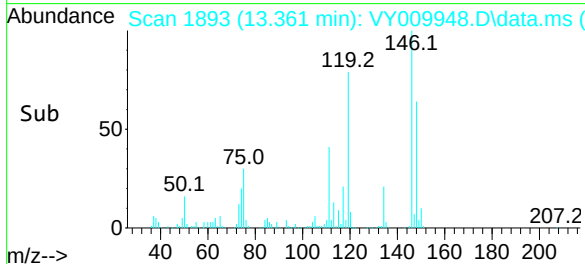
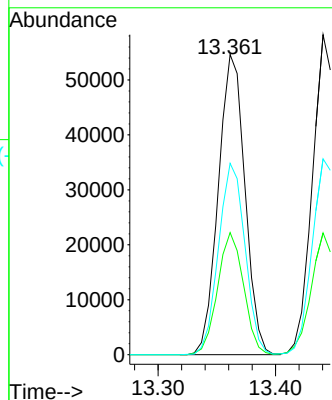
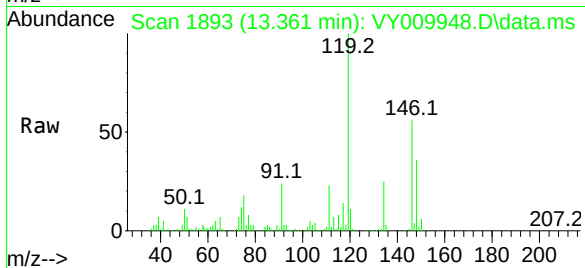
Tgt Ion:146 Resp: 86148

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.3

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.133 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

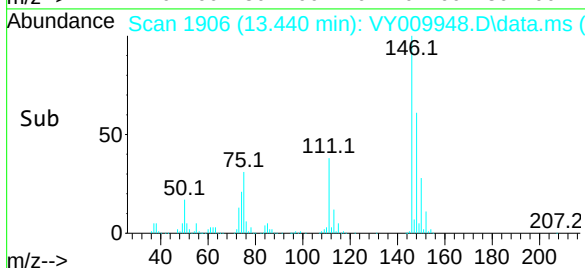
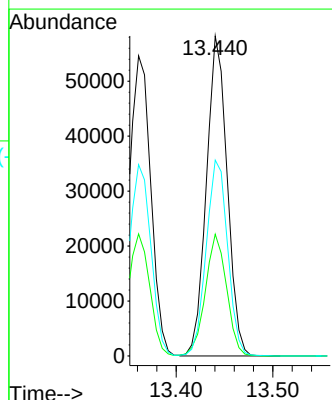
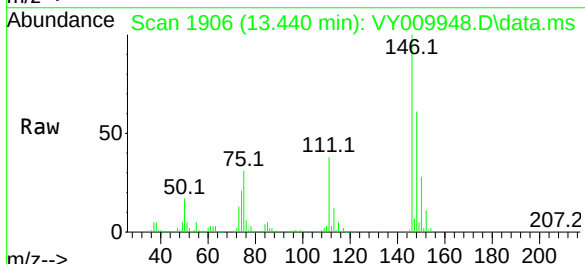
Tgt Ion:146 Resp: 86996

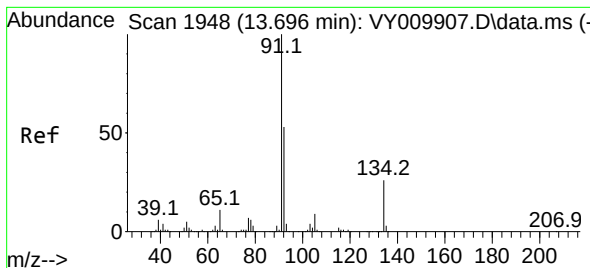
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.9

148 63.3 31.6 95.0





#89

n-Butylbenzene

Concen: 49.289 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

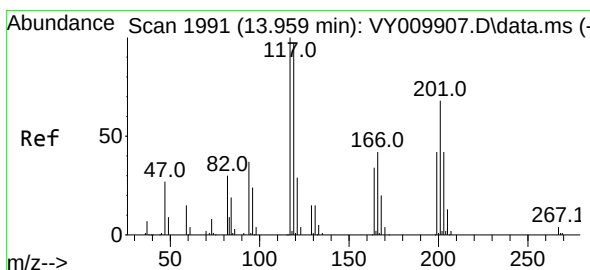
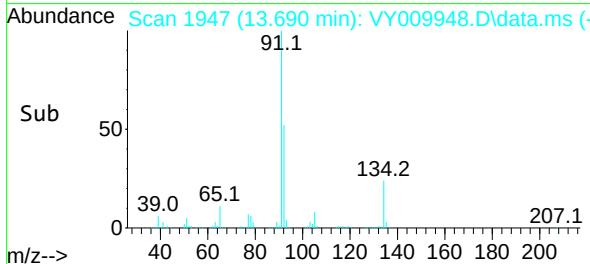
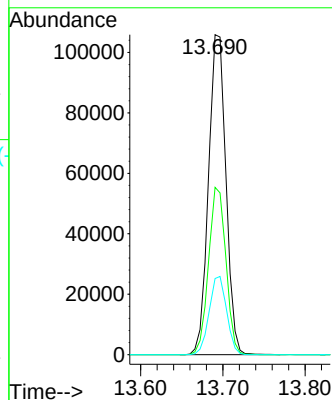
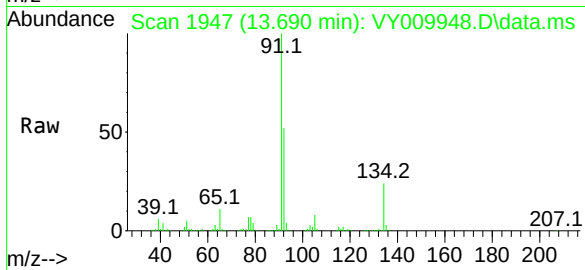
Tgt Ion: 91 Resp: 156112

Ion Ratio Lower Upper

91 100

92 52.1 26.9 80.7

134 24.4 14.0 41.9



#90

Hexachloroethane

Concen: 48.828 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009948.D

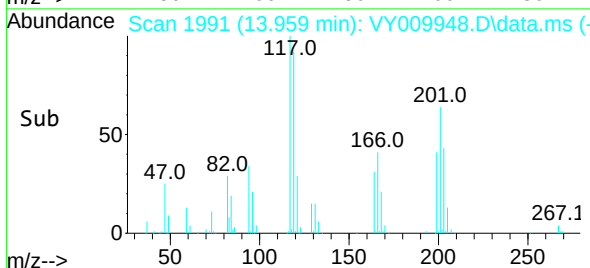
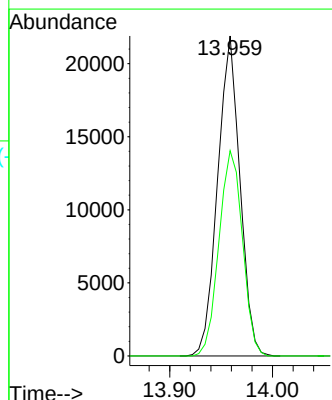
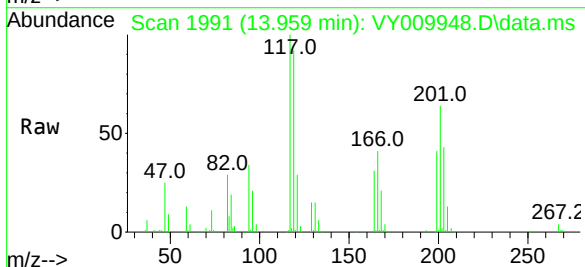
Acq: 10 Aug 2022 04:03

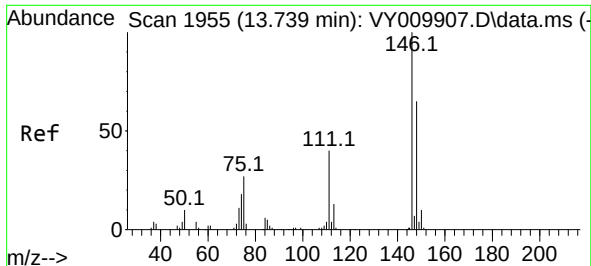
Tgt Ion: 117 Resp: 32988

Ion Ratio Lower Upper

117 100

201 67.5 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 50.018 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

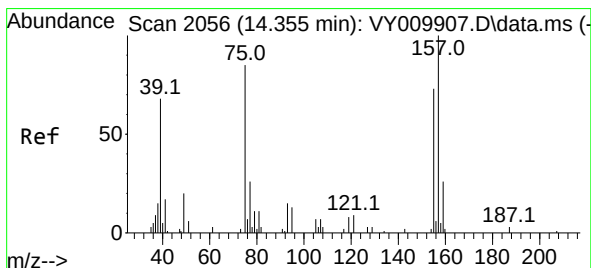
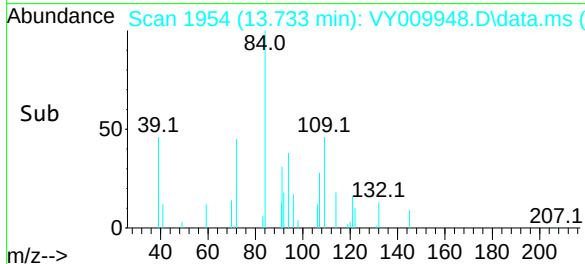
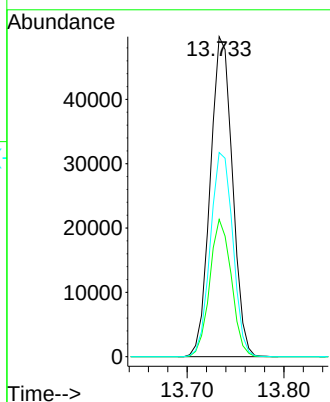
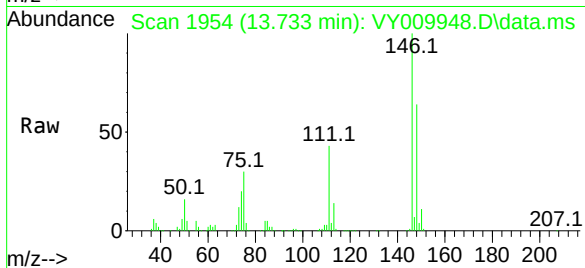
Tgt Ion:146 Resp: 79357

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.1

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.729 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

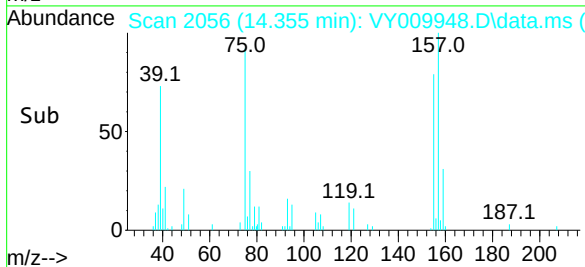
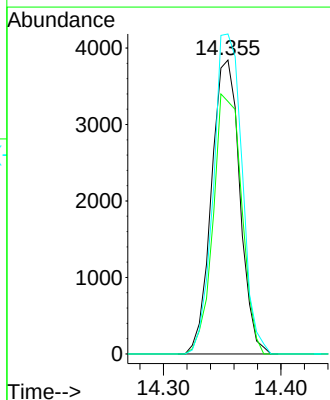
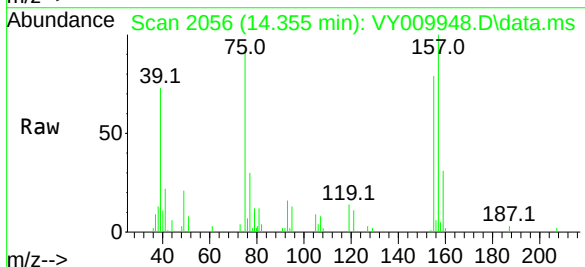
Tgt Ion: 75 Resp: 6440

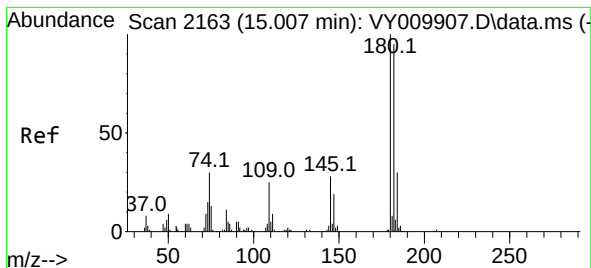
Ion Ratio Lower Upper

75 100

155 88.8 46.4 139.1

157 110.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 46.942 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

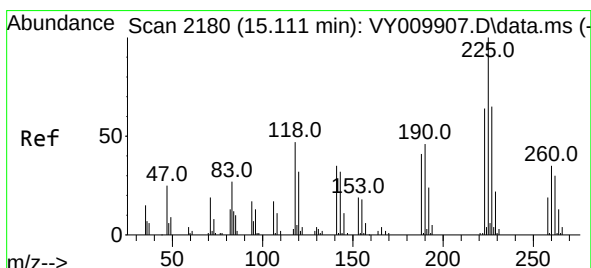
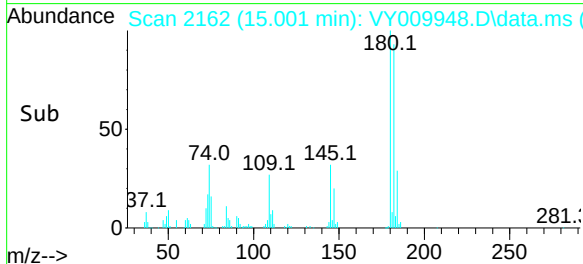
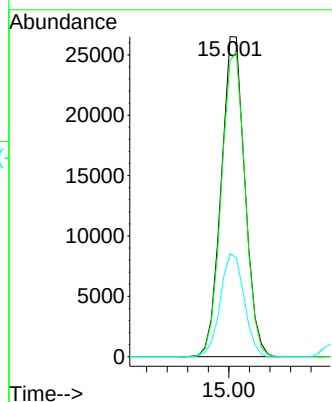
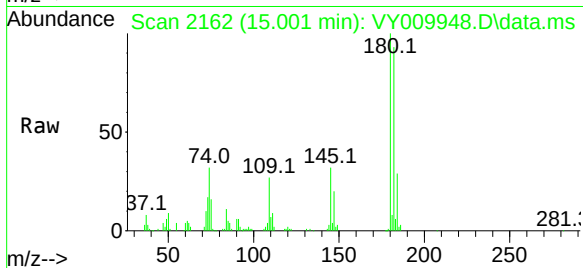
Tgt Ion:180 Resp: 42215

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 32.5 15.1 45.3



#94

Hexachlorobutadiene

Concen: 44.393 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

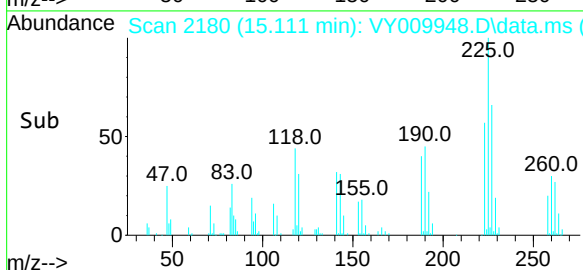
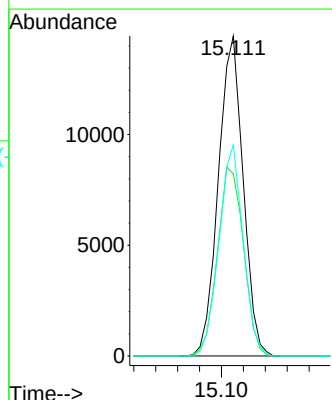
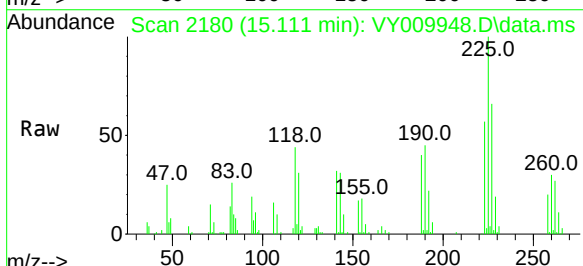
Tgt Ion:225 Resp: 22675

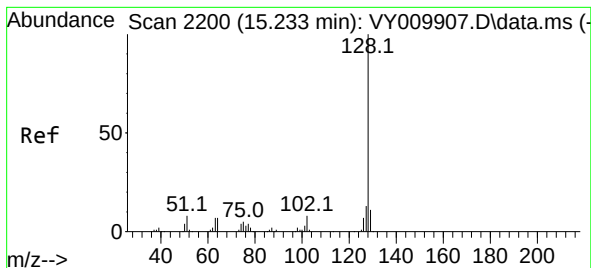
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 64.2 31.9 95.5





#95

Naphthalene

Concen: 53.488 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

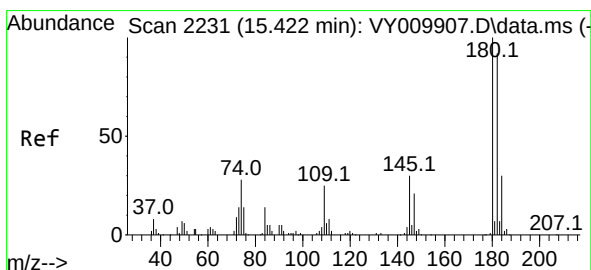
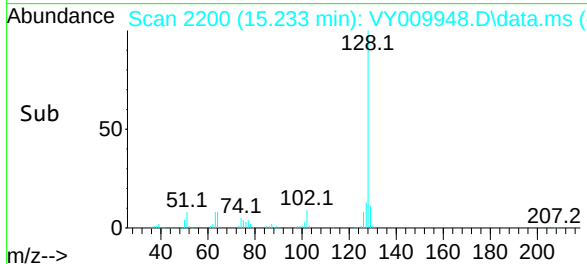
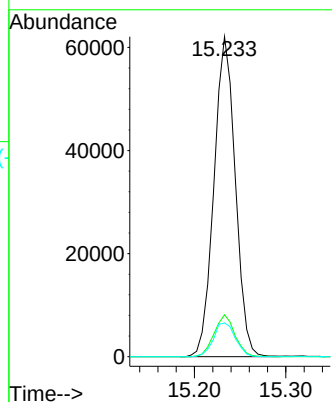
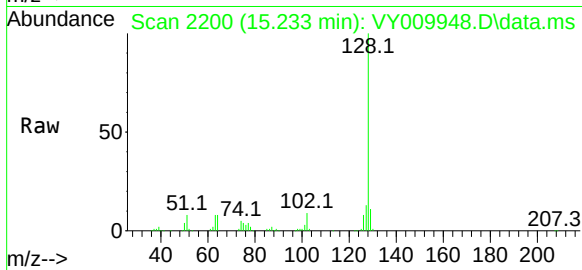
Tgt Ion:128 Resp: 100716

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.609 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.001 min

Lab File: VY009948.D

Acq: 10 Aug 2022 04:03

Tgt Ion:180 Resp: 38892

Ion Ratio Lower Upper

180 100

182 97.6 47.0 141.0

145 33.6 15.6 46.7

