

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012753.D
 Acq On : 02 Mar 2023 12:17
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 03 00:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6028	5.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.700%#
35) Dibromofluoromethane	7.716	113	5709	5.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.420%#
50) Toluene-d8	10.179	98	20656	5.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.320%#
62) 4-Bromofluorobenzene	12.483	95	6860	5.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5609	5.013	ug/l	94
3) Chloromethane	2.113	50	8023	5.998	ug/l	100
4) Vinyl Chloride	2.253	62	6459	5.266	ug/l	99
5) Bromomethane	2.637	94	4332	5.812	ug/l	91
6) Chloroethane	2.790	64	4062	5.529	ug/l	98
7) Trichlorofluoromethane	3.119	101	11223	5.509	ug/l	91
8) Diethyl Ether	3.527	74	3729	5.223	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	6577	5.366	ug/l	98
10) Methyl Iodide	4.088	142	7801	4.885	ug/l	100
11) Tert butyl alcohol	4.942	59	6556	33.089	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	6154	5.264	ug/l	87
13) Acrolein	3.722	56	5292	26.799	ug/l	95
14) Allyl chloride	4.478	41	10455	4.842	ug/l	97
15) Acrylonitrile	5.167	53	10032	26.669	ug/l	94
16) Acetone	3.942	43	11532	26.067	ug/l	100
17) Carbon Disulfide	4.192	76	21094	5.301	ug/l	96
18) Methyl Acetate	4.484	43	6932	5.262	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	15028	4.977	ug/l #	90
20) Methylene Chloride	4.710	84	12019	3.955	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	6553	5.158	ug/l	81
22) Diisopropyl ether	6.118	45	19498	4.971	ug/l	99
23) Vinyl Acetate	6.057	43	59143	24.269	ug/l	98
24) 1,1-Dichloroethane	6.021	63	11708	5.239	ug/l #	95
25) 2-Butanone	6.984	43	14168	25.856	ug/l	97
26) 2,2-Dichloropropane	6.972	77	10973	5.528	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	6850	5.029	ug/l	89
28) Bromochloromethane	7.332	49	3680	4.506	ug/l #	96
29) Tetrahydrofuran	7.350	42	8264	25.006	ug/l	98
30) Chloroform	7.508	83	11507	5.213	ug/l	93
31) Cyclohexane	7.789	56	12149	5.628	ug/l #	88
32) 1,1,1-Trichloroethane	7.703	97	10392	5.205	ug/l	98
36) 1,1-Dichloropropene	7.917	75	9300	5.069	ug/l	96
37) Ethyl Acetate	7.075	43	6085	5.262	ug/l #	97
38) Carbon Tetrachloride	7.905	117	9458	4.992	ug/l	95
39) Methylcyclohexane	9.185	83	10292	4.718	ug/l	97
40) Benzene	8.161	78	26666	5.138	ug/l	98

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	7583	12.507	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	7807	5.003	ug/l	100
43) Isopropyl Acetate	8.276	43	10093	4.892	ug/l	99
44) Trichloroethene	8.941	130	6874	5.024	ug/l	80
45) 1,2-Dichloropropane	9.215	63	6569	5.008	ug/l	100
46) Dibromomethane	9.307	93	3778	5.056	ug/l	97
47) Bromodichloromethane	9.502	83	9214	5.233	ug/l #	94
48) Methyl methacrylate	9.295	41	4349	4.575	ug/l	93
49) 1,4-Dioxane	9.307	88	888	91.926	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	26431	23.617	ug/l	100
52) Toluene	10.246	92	15483	4.947	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	8940	4.840	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	10200	4.879	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	5426	5.214	ug/l	92
56) Ethyl methacrylate	10.508	69	6416	4.624	ug/l	98
57) 1,3-Dichloropropane	10.794	76	9012	5.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	16426	22.550	ug/l	98
59) 2-Hexanone	10.831	43	18562	22.821	ug/l	99
60) Dibromochloromethane	10.983	129	6462	5.101	ug/l	95
61) 1,2-Dibromoethane	11.093	107	5268	5.255	ug/l	98
64) Tetrachloroethene	10.721	164	5796	4.942	ug/l	94
65) Chlorobenzene	11.520	112	17300	5.118	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6254	5.000	ug/l	98
67) Ethyl Benzene	11.593	91	28367	4.773	ug/l	97
68) m/p-Xylenes	11.703	106	21625	9.458	ug/l	97
69) o-Xylene	12.032	106	10373	4.861	ug/l	88
70) Styrene	12.044	104	16562	4.651	ug/l	99
71) Bromoform	12.209	173	4176	5.120	ug/l #	100
73) Isopropylbenzene	12.331	105	26728	4.636	ug/l	97
74) N-amyl acetate	12.148	43	8155	4.496	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	6624	5.111	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	8282	8.526	ug/l #	100
77) Bromobenzene	12.611	156	6962	4.971	ug/l	97
78) n-propylbenzene	12.672	91	33050	4.650	ug/l	99
79) 2-Chlorotoluene	12.757	91	18483	4.679	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	21804	4.583	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	2335	4.981	ug/l	95
82) 4-Chlorotoluene	12.855	91	19667	4.809	ug/l	100
83) tert-Butylbenzene	13.074	119	18941	4.612	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	20564	4.420	ug/l	99
85) sec-Butylbenzene	13.257	105	29839	4.763	ug/l	99
86) p-Isopropyltoluene	13.373	119	23560	4.601	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13387	4.956	ug/l	94
88) 1,4-Dichlorobenzene	13.446	146	14349	5.205	ug/l	92
89) n-Butylbenzene	13.696	91	23238	4.741	ug/l	99
90) Hexachloroethane	13.958	117	5645	5.293	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	12449	5.098	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1039	4.961	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	7187	4.780	ug/l	96
94) Hexachlorobutadiene	15.111	225	4955	5.404	ug/l	96
95) Naphthalene	15.239	128	13026	4.324	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6495	4.858	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

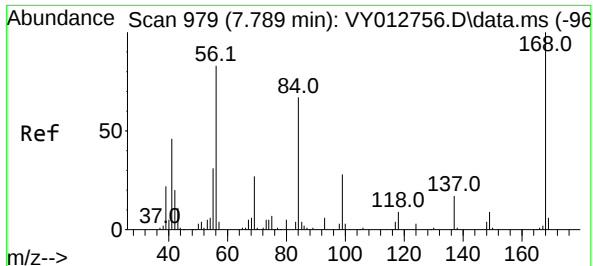
Quant Time: Mar 03 00:59:17 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

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

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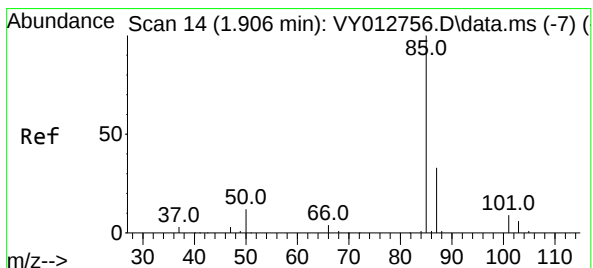
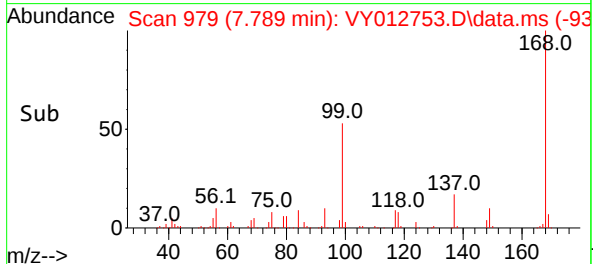
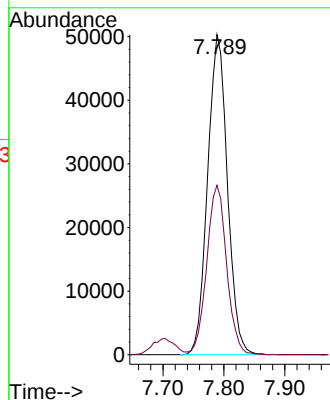
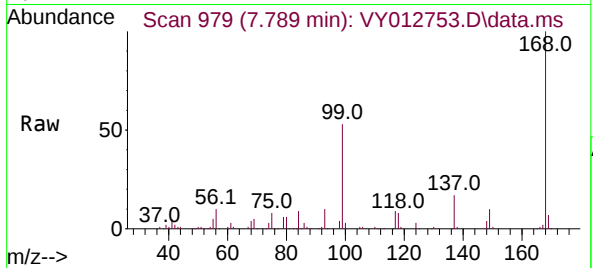




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

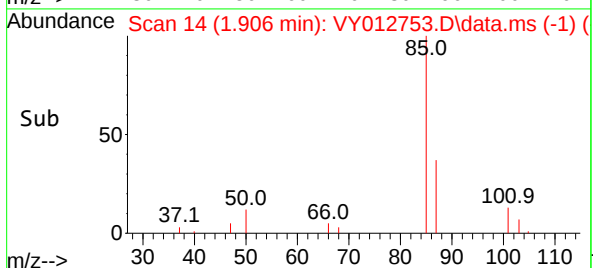
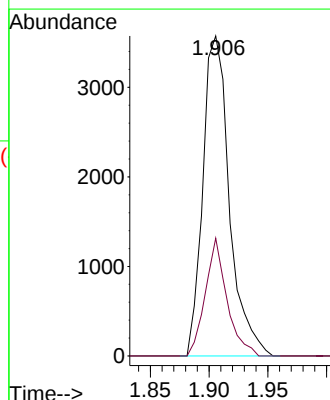
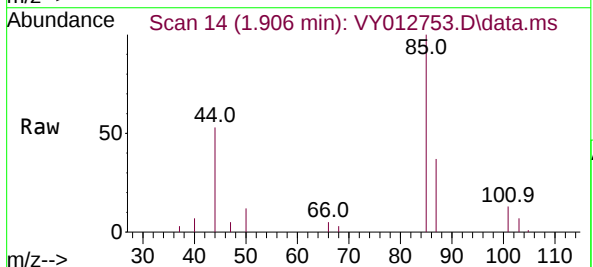
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

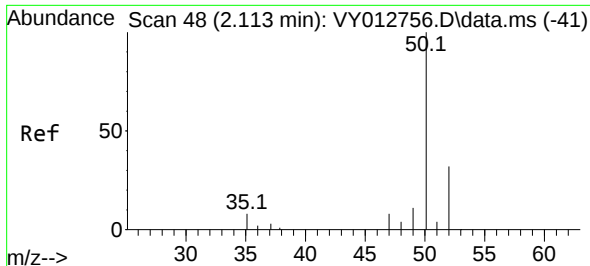
Tgt Ion:168 Resp: 113521
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 5.013 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 85 Resp: 5609
Ion Ratio Lower Upper
85 100
87 36.8 16.7 50.0

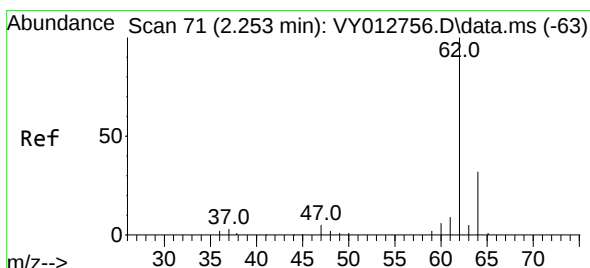
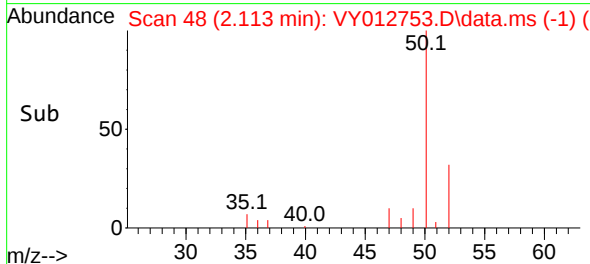
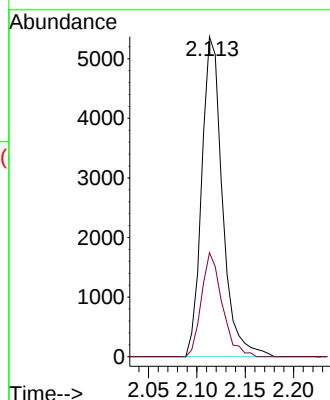
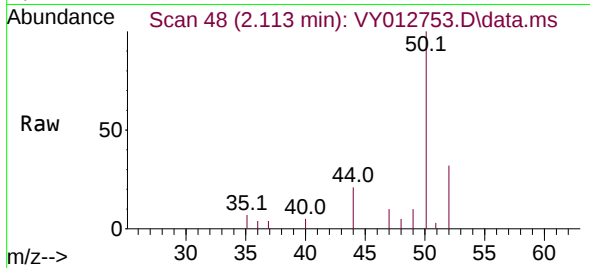




#3
Chloromethane
Concen: 5.998 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

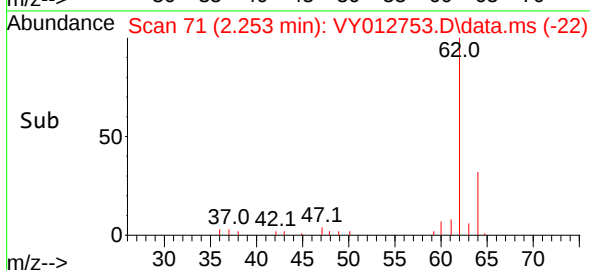
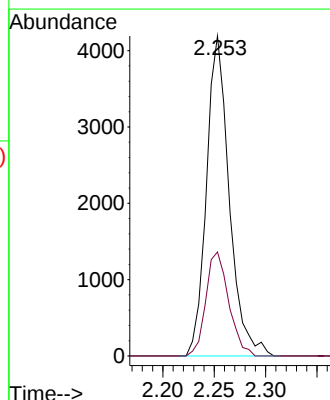
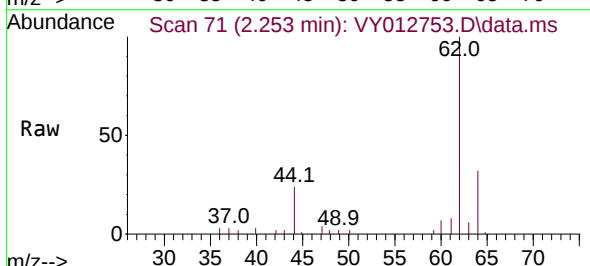
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

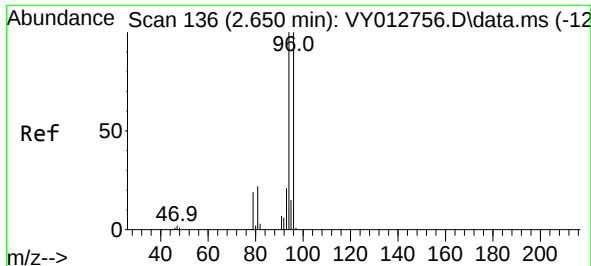
Tgt Ion: 50 Resp: 8023
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 5.266 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 62 Resp: 6459
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4





#5

Bromomethane

Concen: 5.812 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

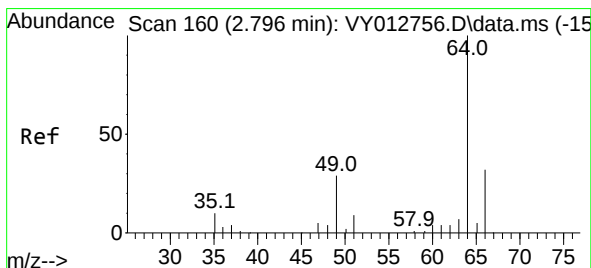
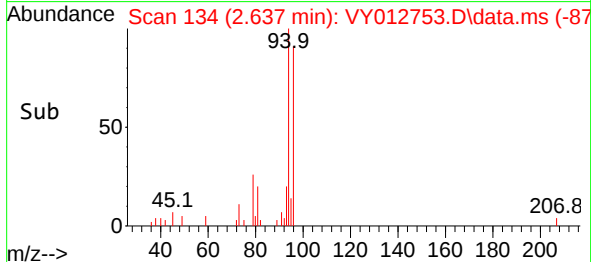
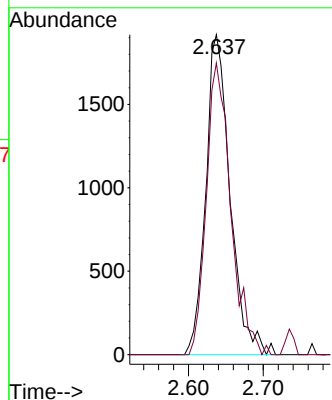
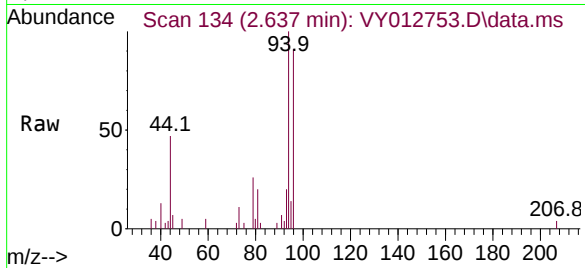
VSTDIC005

Tgt Ion: 94 Resp: 4332

Ion Ratio Lower Upper

94 100

96 91.1 80.3 120.5



#6

Chloroethane

Concen: 5.529 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012753.D

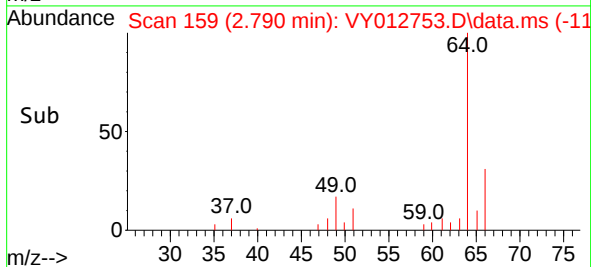
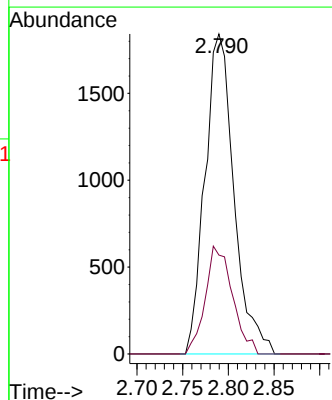
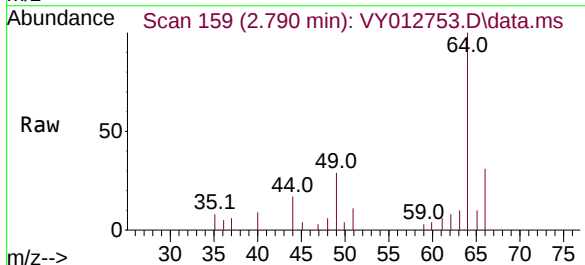
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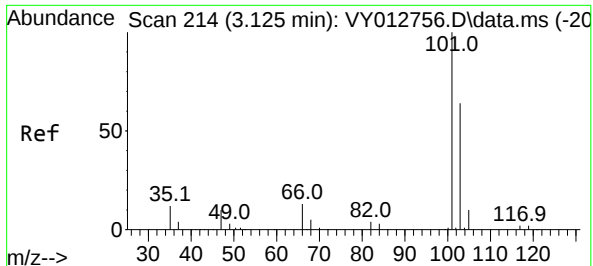
Tgt Ion: 64 Resp: 4062

Ion Ratio Lower Upper

64 100

66 30.9 25.7 38.5

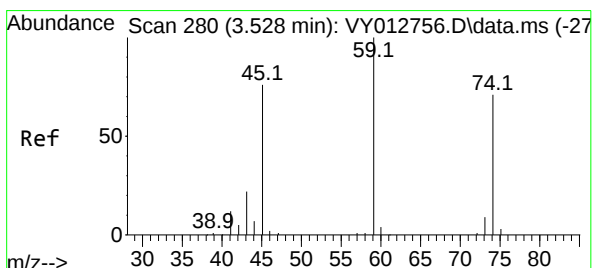
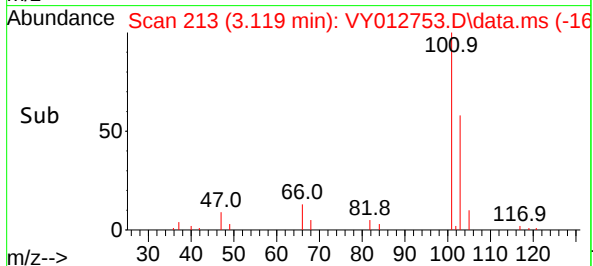
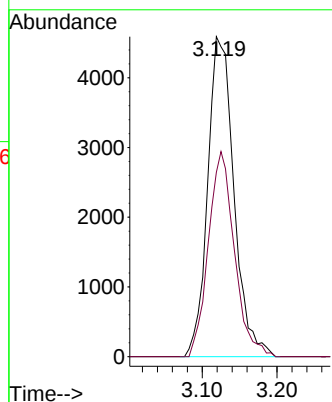
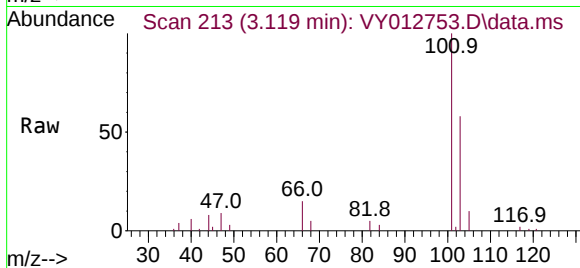




#7
Trichlorofluoromethane
Concen: 5.509 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

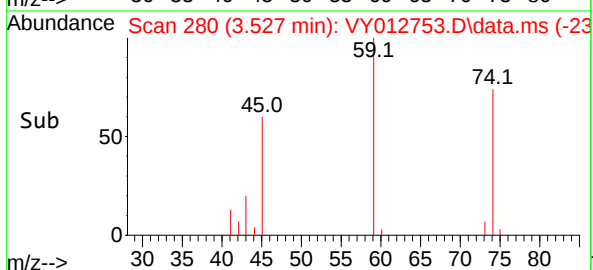
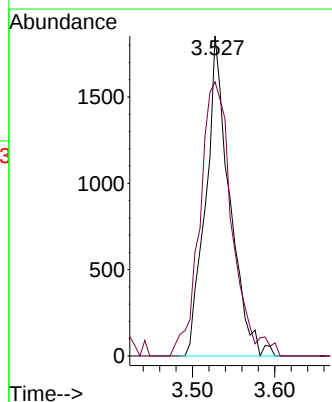
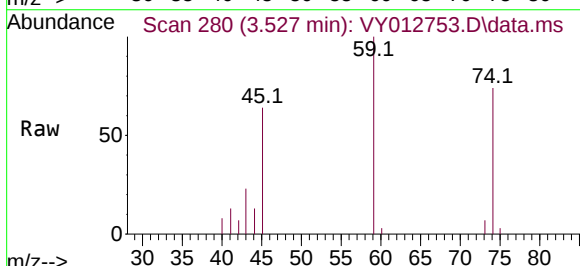
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11223
Ion Ratio Lower Upper
101 100
103 57.6 51.5 77.3



#8
Diethyl Ether
Concen: 5.223 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 74 Resp: 3729
Ion Ratio Lower Upper
74 100
45 115.8 52.1 156.4

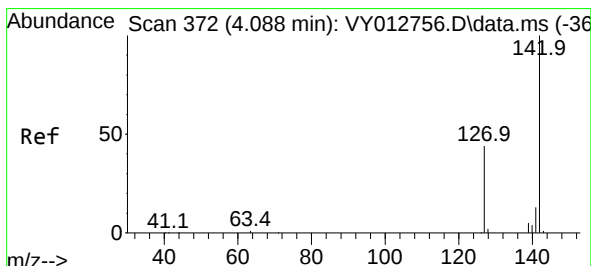
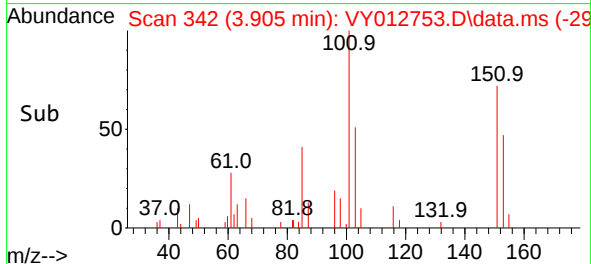
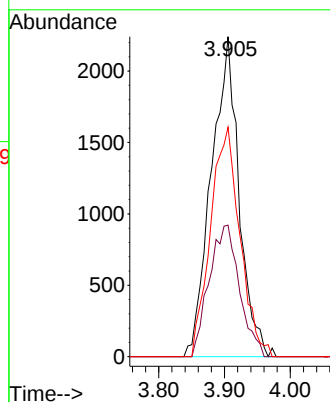
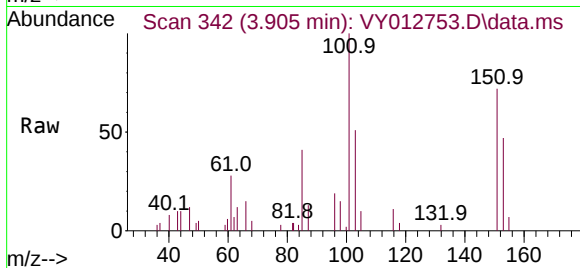




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.366 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012753.D
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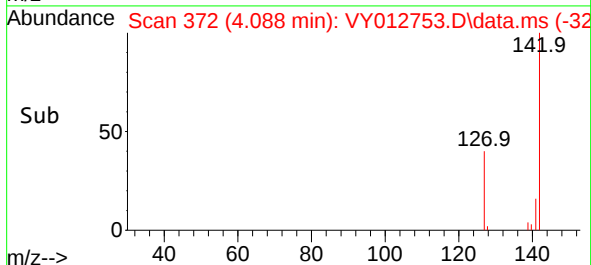
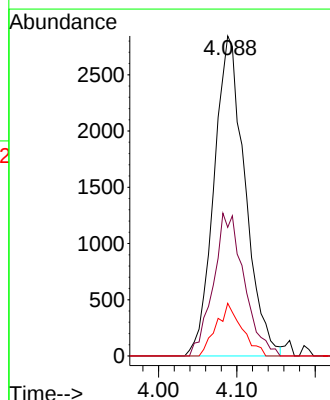
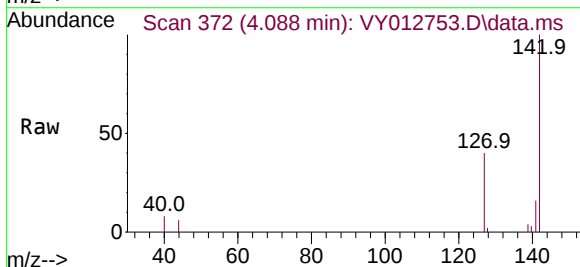
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

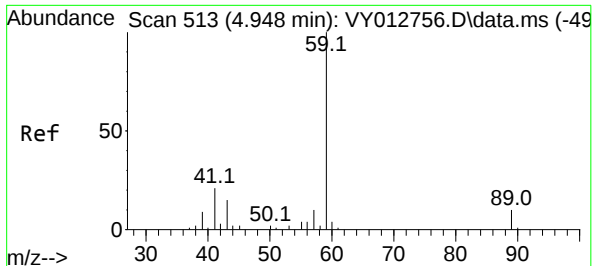
Tgt Ion:101 Resp: 6577
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 76.1 63.1 94.7



#10
Methyl Iodide
Concen: 4.885 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion:142 Resp: 7801
Ion Ratio Lower Upper
142 100
127 44.4 35.4 53.2
141 13.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 33.089 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

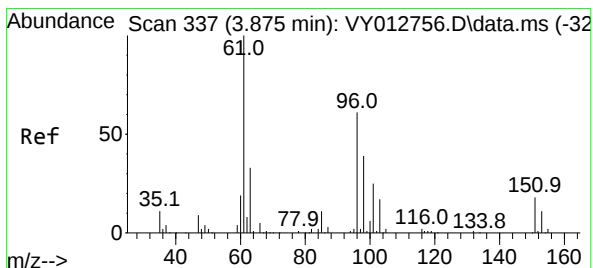
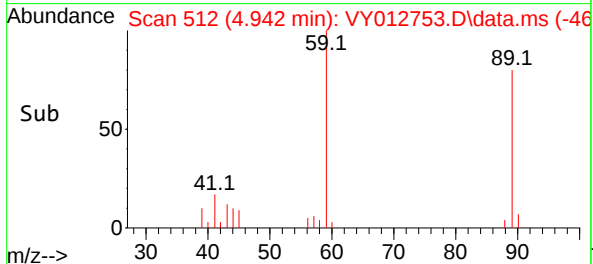
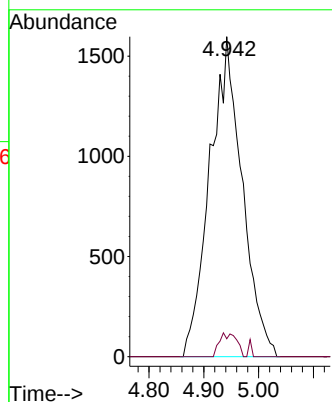
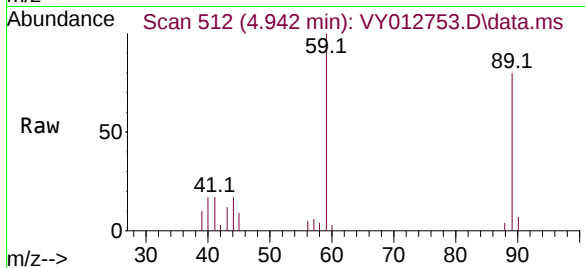
VSTDIC005

Tgt Ion: 59 Resp: 6556

Ion Ratio Lower Upper

59 100

57 3.9 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 5.264 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

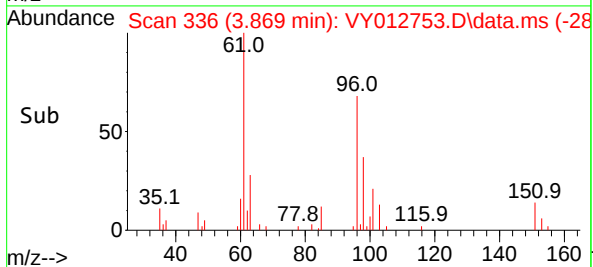
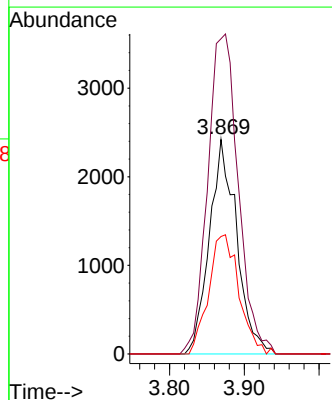
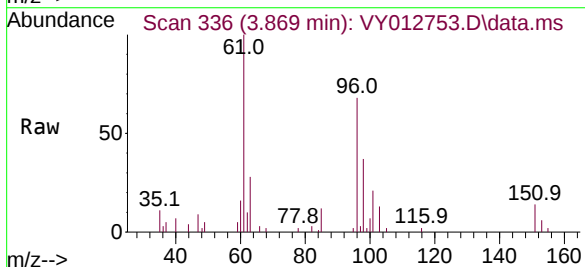
Tgt Ion: 96 Resp: 6154

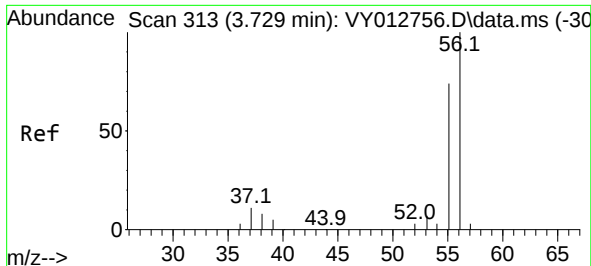
Ion Ratio Lower Upper

96 100

61 146.9 131.7 197.5

98 54.7 52.0 78.0





#13

Acrolein

Concen: 26.799 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

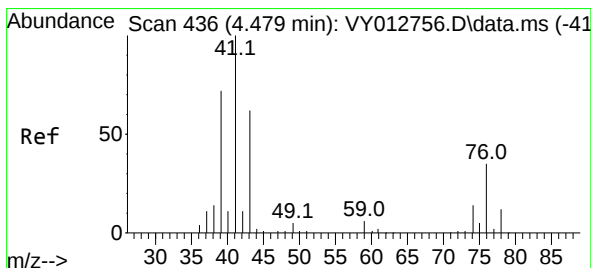
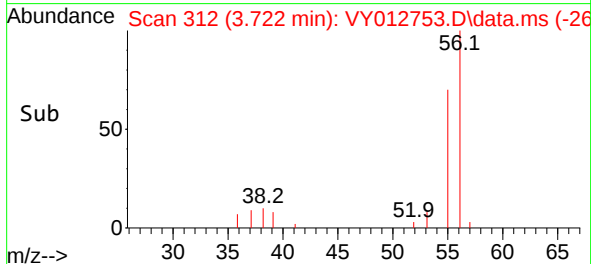
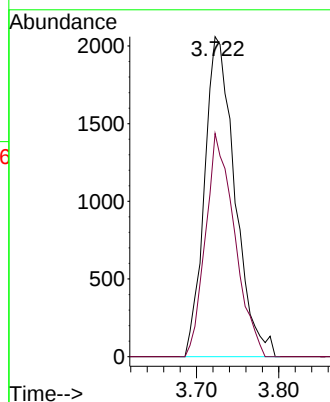
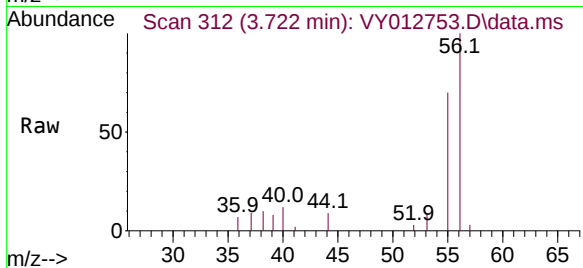
VSTDIC005

Tgt Ion: 56 Resp: 5292

Ion Ratio Lower Upper

56 100

55 66.6 56.8 85.2



#14

Allyl chloride

Concen: 4.842 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

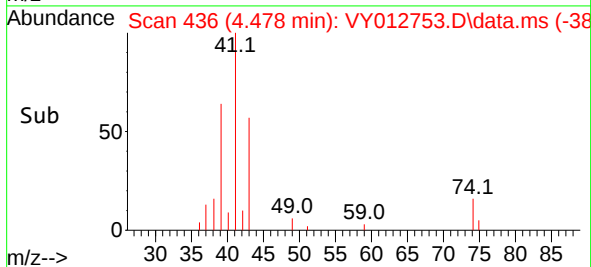
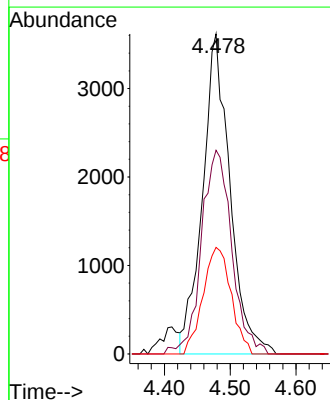
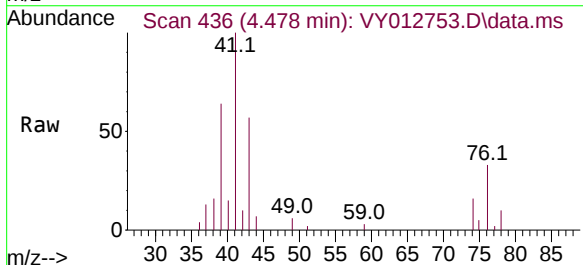
Tgt Ion: 41 Resp: 10455

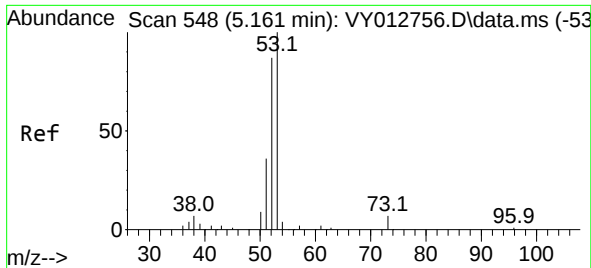
Ion Ratio Lower Upper

41 100

39 70.5 53.6 80.4

76 34.2 27.2 40.8

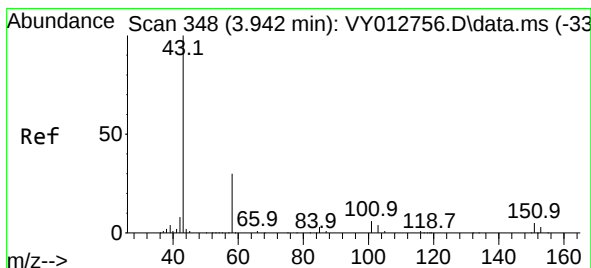
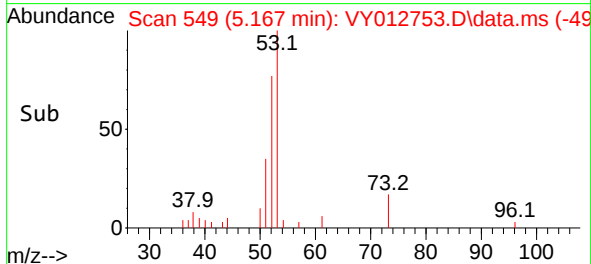
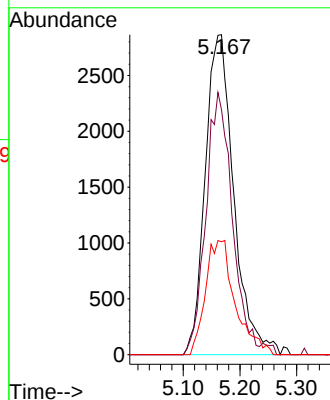
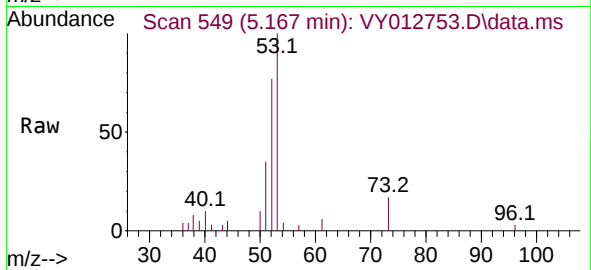




#15
Acrylonitrile
Concen: 26.669 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

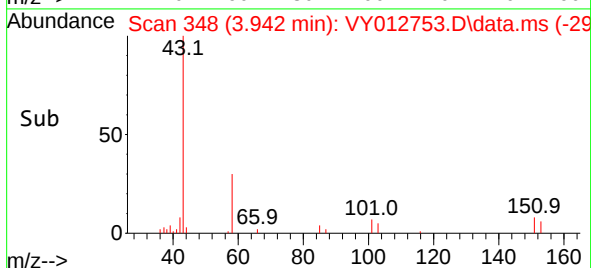
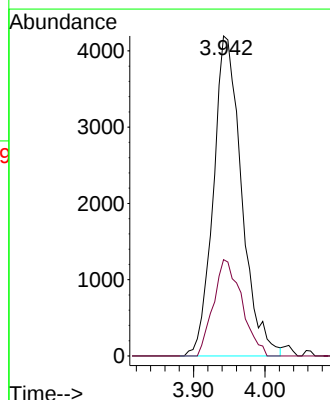
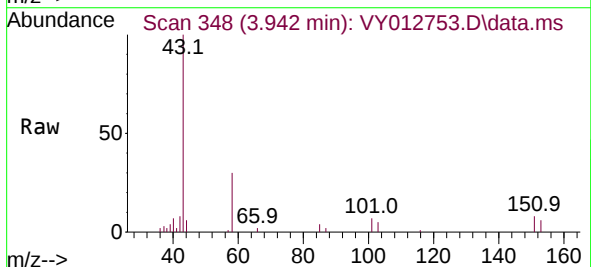
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

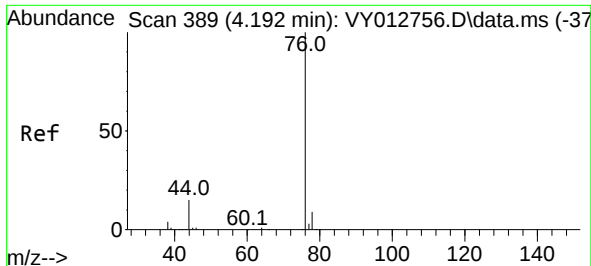
Tgt Ion: 53 Resp: 10032
Ion Ratio Lower Upper
53 100
52 75.7 66.3 99.5
51 37.1 28.8 43.2



#16
Acetone
Concen: 26.067 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 43 Resp: 11532
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.2

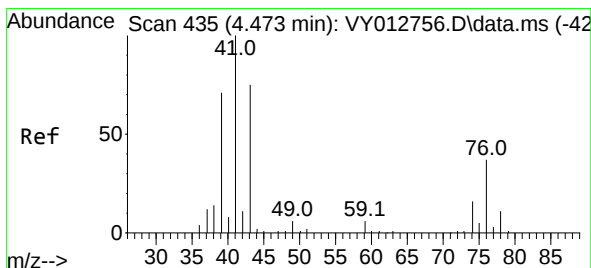
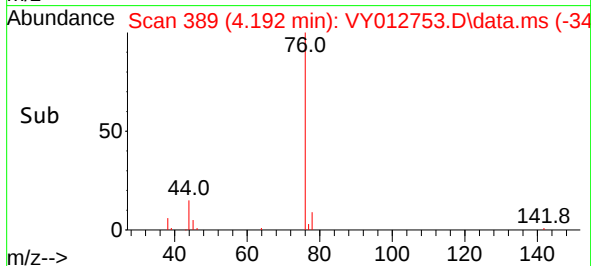
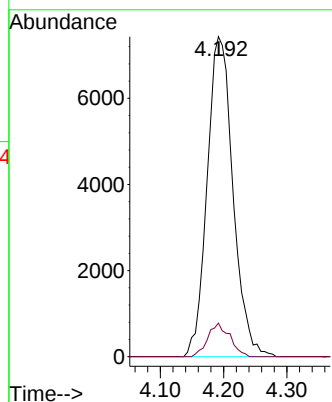
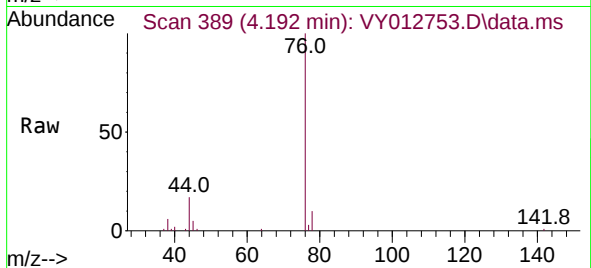




#17
Carbon Disulfide
Concen: 5.301 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

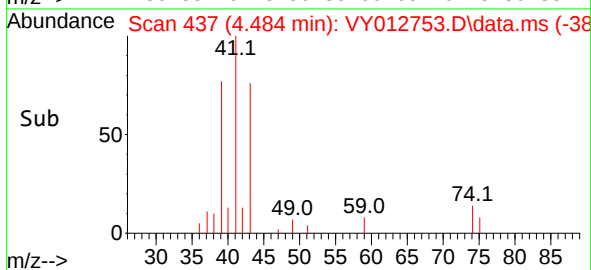
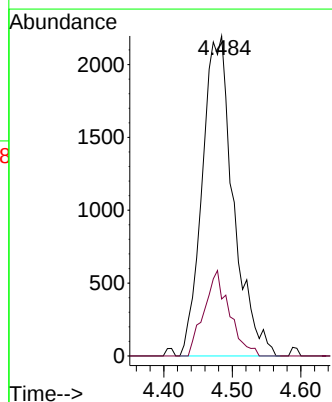
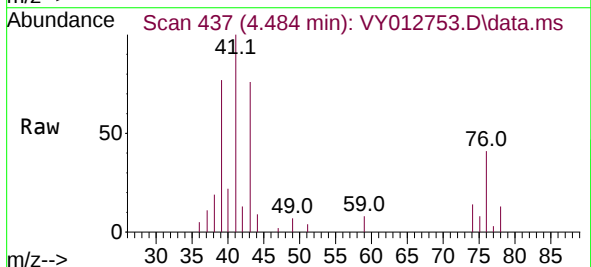
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

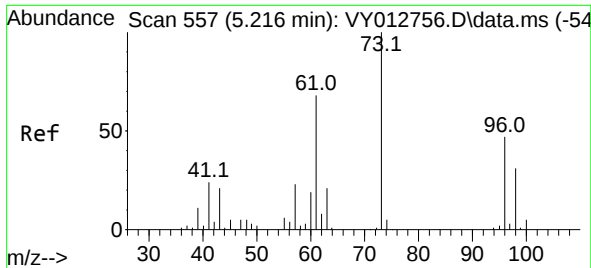
Tgt Ion: 76 Resp: 21094
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: 5.262 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 43 Resp: 6932
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

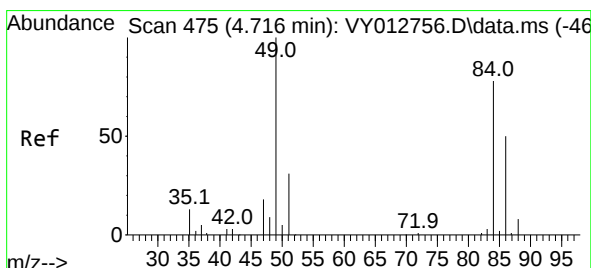
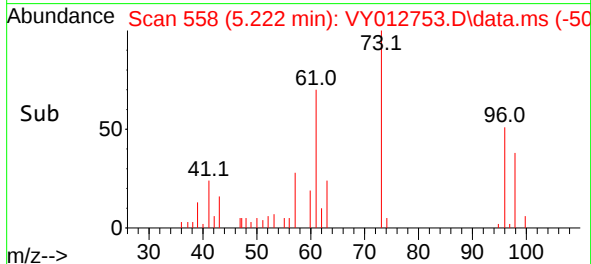
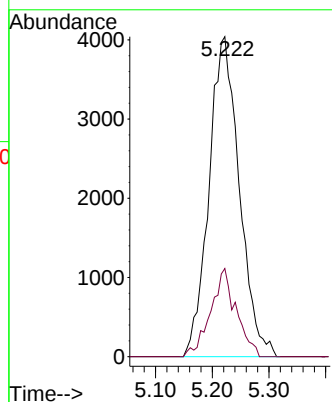
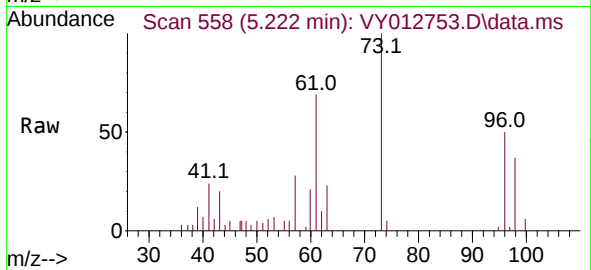




#19
Methyl tert-butyl Ether
Concen: 4.977 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

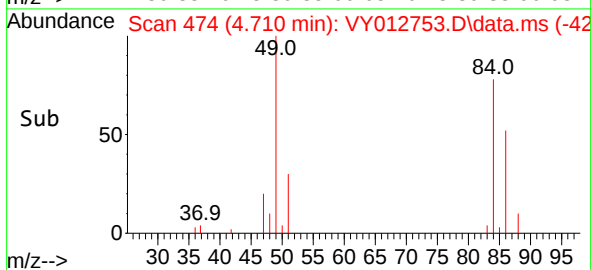
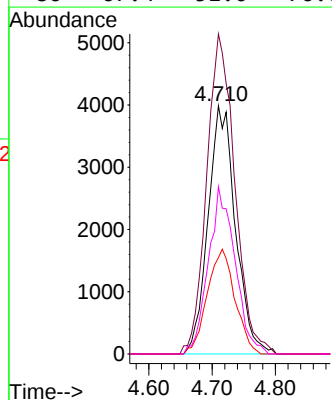
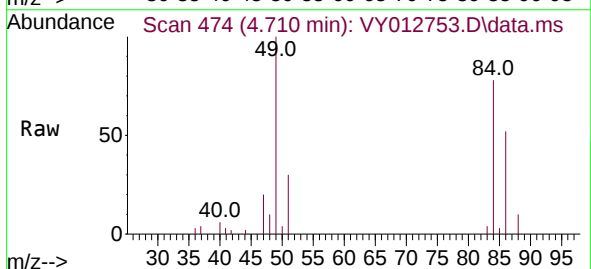
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

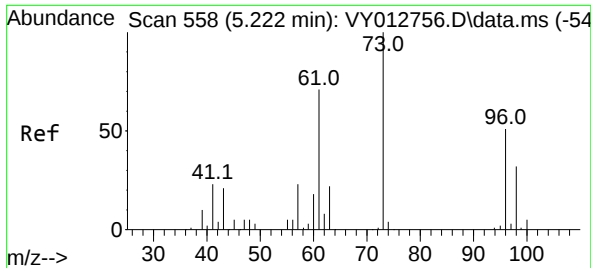
Tgt Ion: 73 Resp: 15028
Ion Ratio Lower Upper
73 100
57 27.6 18.3 27.5#



#20
Methylene Chloride
Concen: 3.955 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 84 Resp: 12019
Ion Ratio Lower Upper
84 100
49 128.9 102.6 154.0
51 38.8 31.9 47.9
86 67.4 51.0 76.6

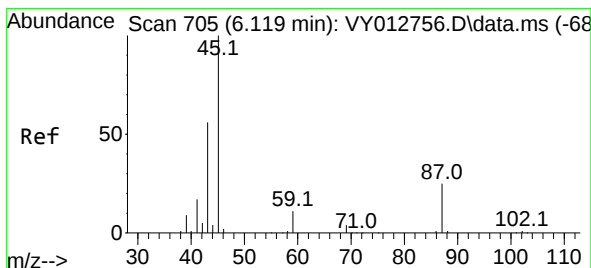
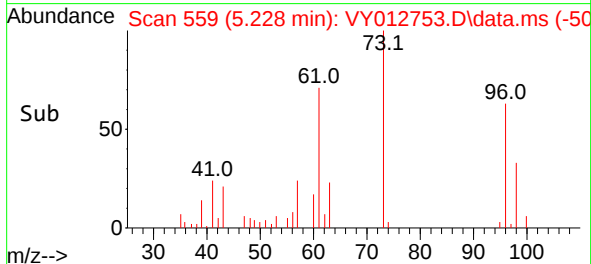
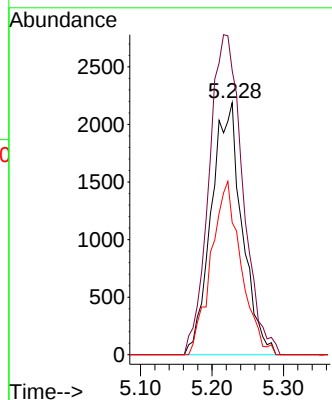
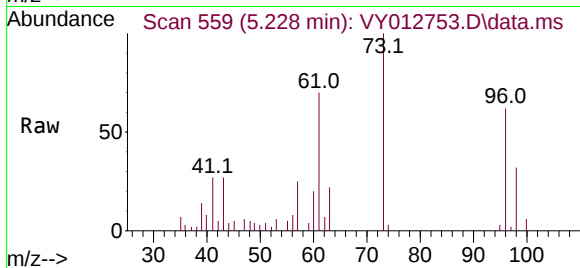




#21
trans-1,2-Dichloroethene
Concen: 5.158 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

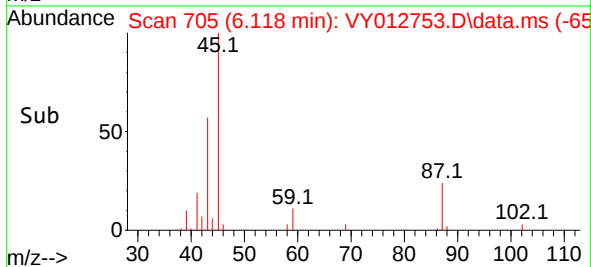
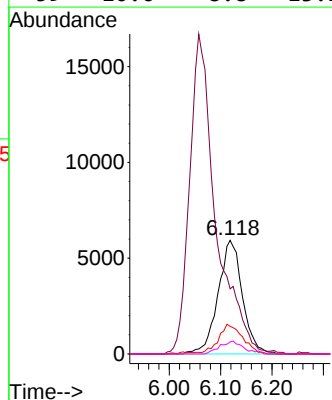
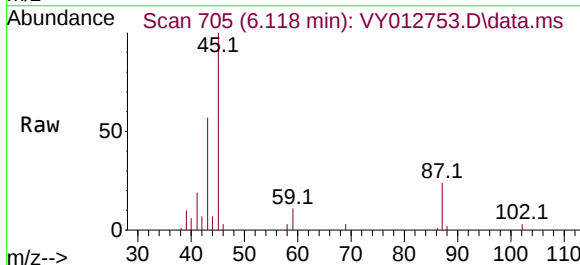
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

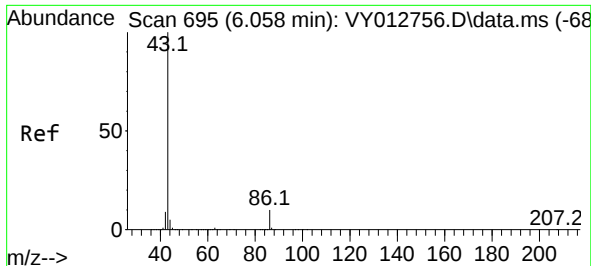
Tgt Ion: 96 Resp: 6553
Ion Ratio Lower Upper
96 100
61 112.7 111.4 167.0
98 52.4 50.8 76.2



#22
Diisopropyl ether
Concen: 4.971 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 45 Resp: 19498
Ion Ratio Lower Upper
45 100
43 55.8 45.0 67.6
87 24.4 20.3 30.5
59 10.6 8.8 13.2

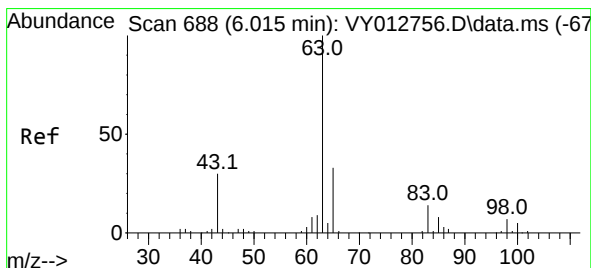
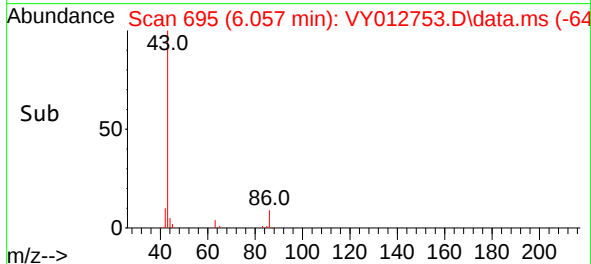
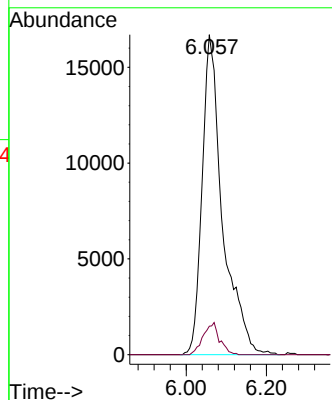
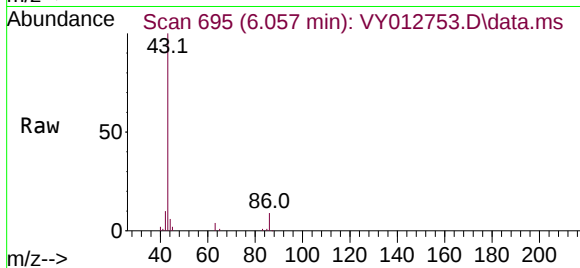




#23
 Vinyl Acetate
 Concen: 24.269 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

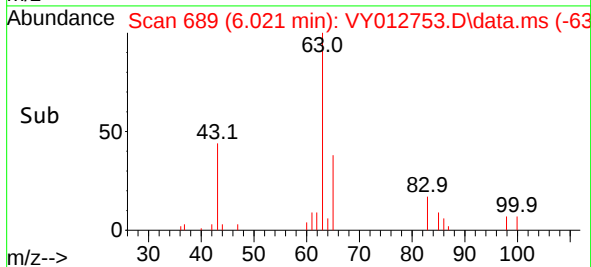
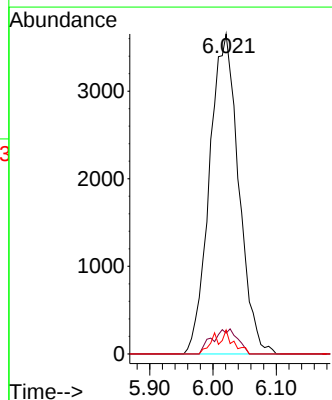
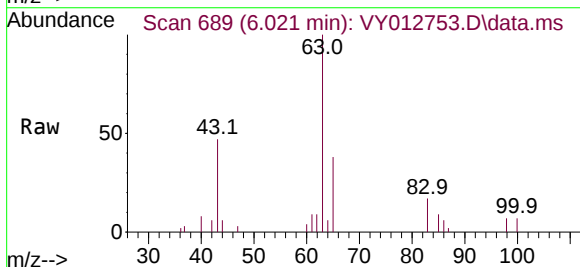
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

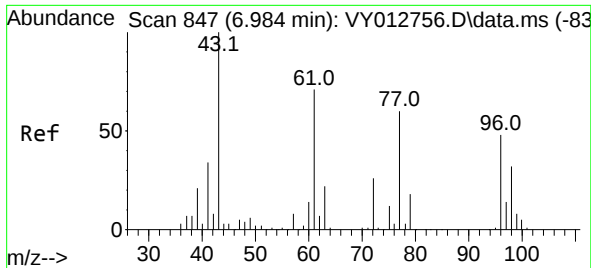
Tgt Ion: 43 Resp: 59143
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.239 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Tgt Ion: 63 Resp: 11708
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 7.5 2.3 6.8#

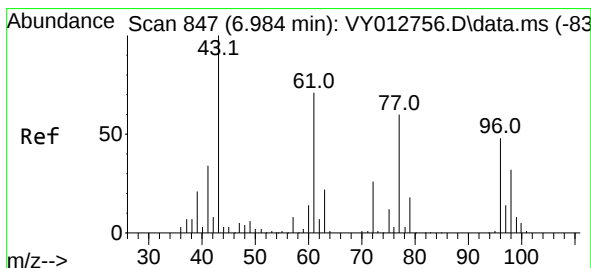
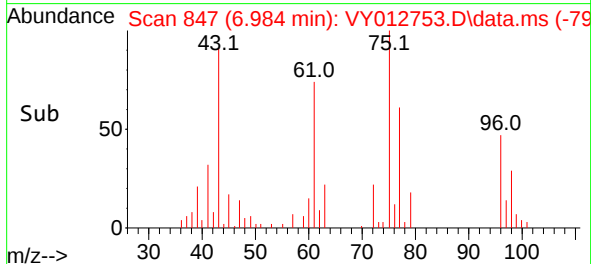
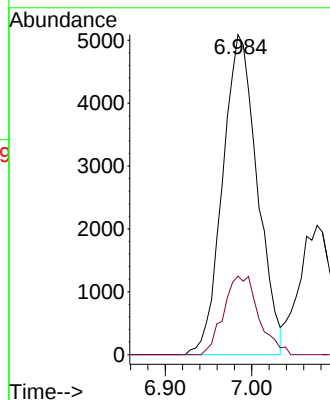
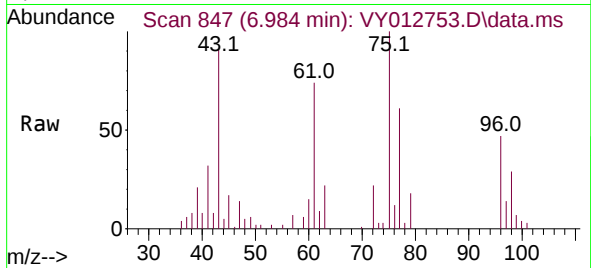




#25
2-Butanone
Concen: 25.856 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

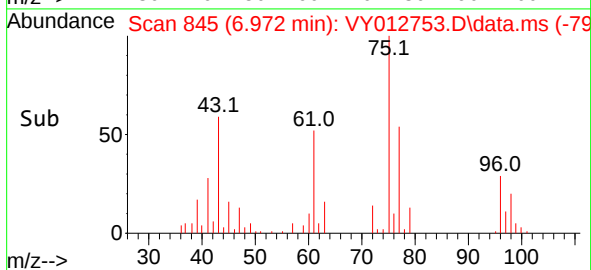
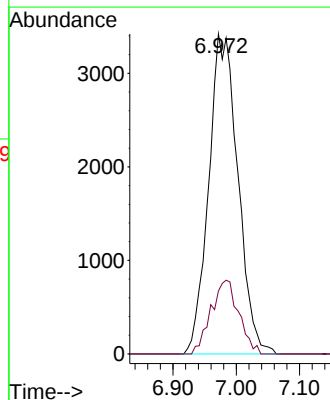
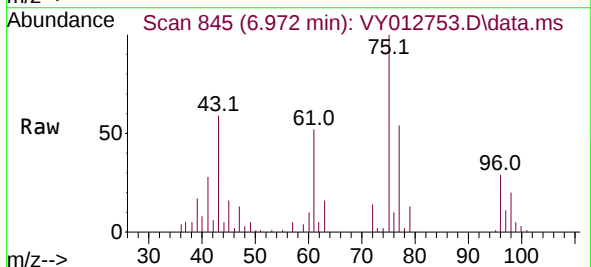
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

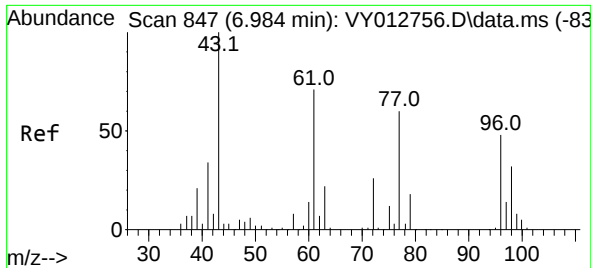
Tgt Ion: 43 Resp: 14168
Ion Ratio Lower Upper
43 100
72 24.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 5.528 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 77 Resp: 10973
Ion Ratio Lower Upper
77 100
97 21.9 11.7 35.0



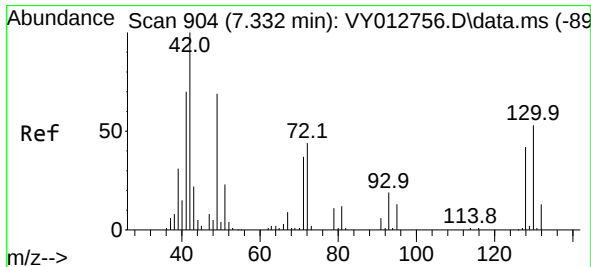
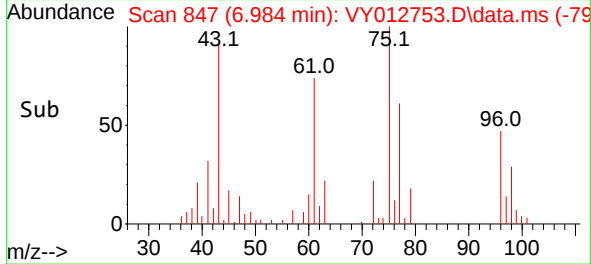
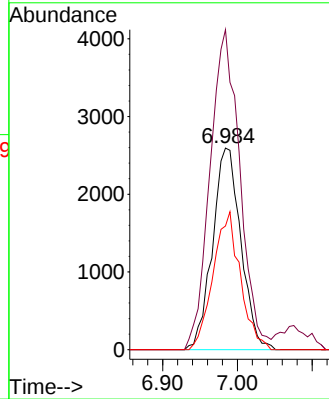
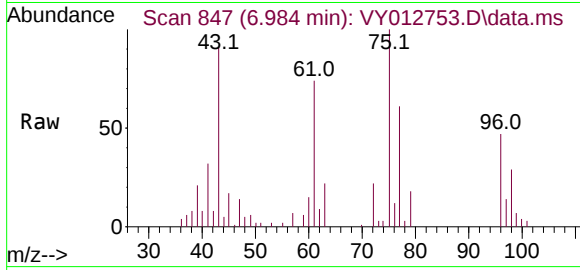


#27
 cis-1,2-Dichloroethene
 Concen: 5.029 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 6850

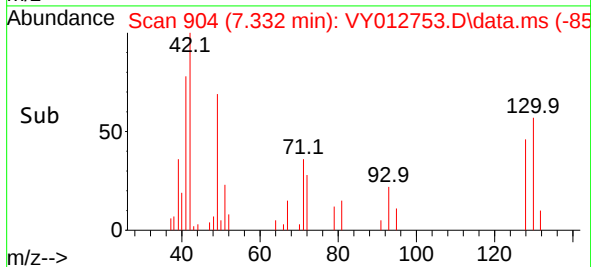
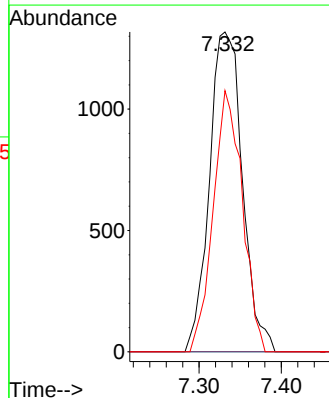
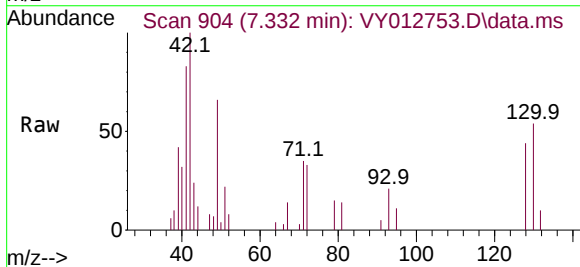
Ion	Ratio	Lower	Upper
96	100		
61	167.1	0.0	295.8
98	65.6	0.0	130.2



#28
 Bromochloromethane
 Concen: 4.506 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Tgt Ion: 49 Resp: 3680

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	72.0	60.5	90.7





#29

Tetrahydrofuran

Concen: 25.006 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

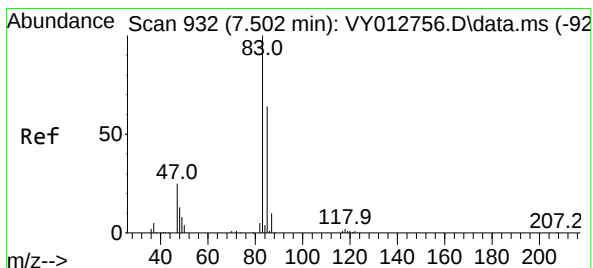
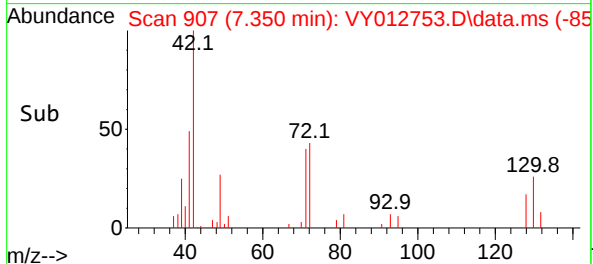
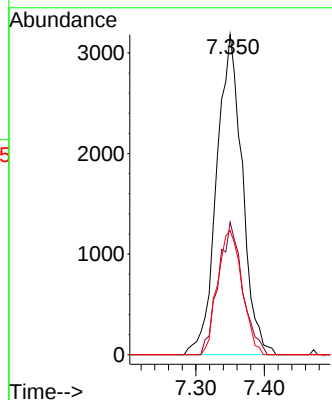
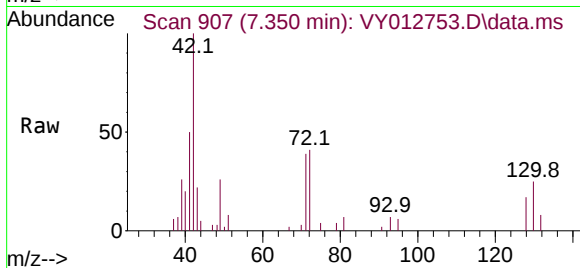
Tgt Ion: 42 Resp: 8264

Ion Ratio Lower Upper

42 100

72 39.1 32.3 48.5

71 37.2 30.3 45.5



#30

Chloroform

Concen: 5.213 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012753.D

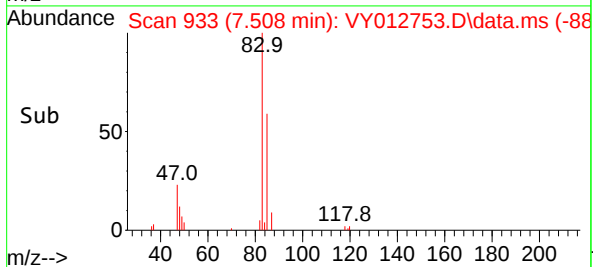
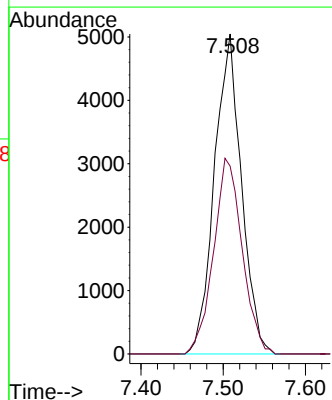
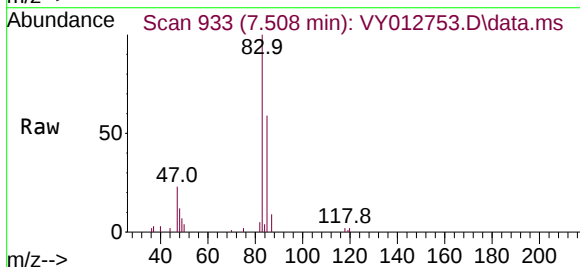
Acq: 02 Mar 2023 12:17

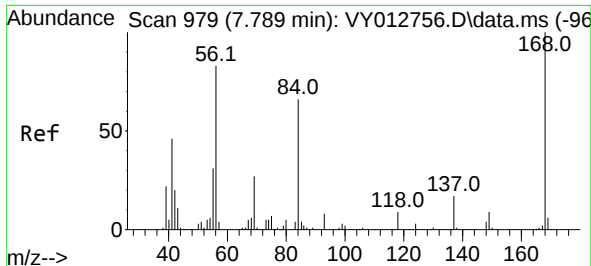
Tgt Ion: 83 Resp: 11507

Ion Ratio Lower Upper

83 100

85 58.7 51.4 77.0

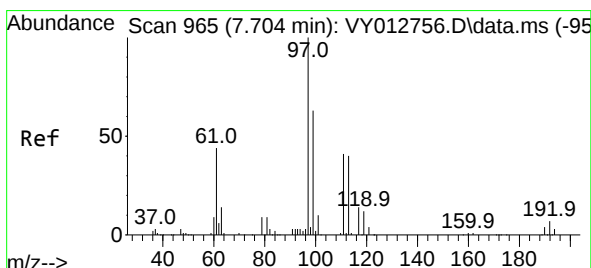
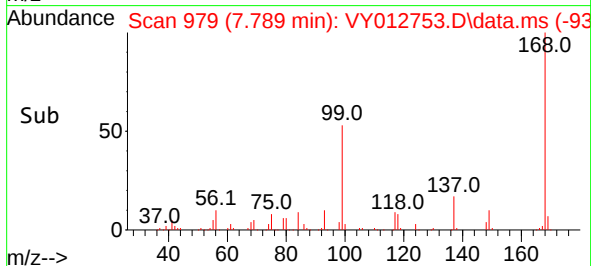
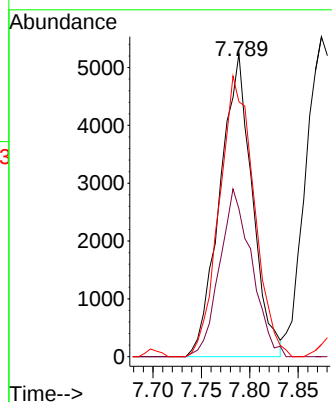
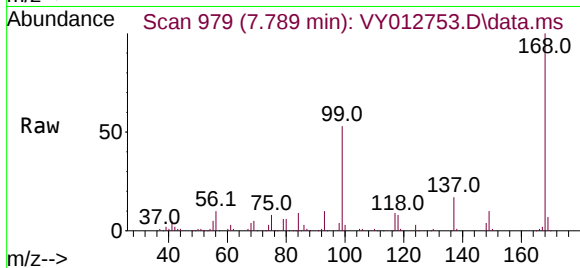




#31
Cyclohexane
Concen: 5.628 ug/l
RT: 7.789 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

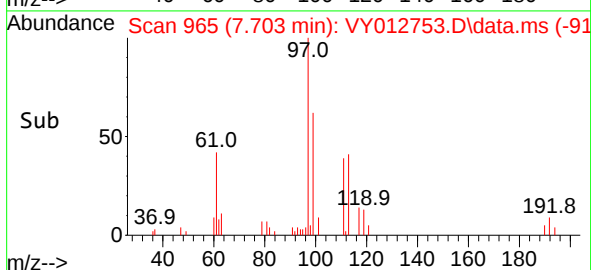
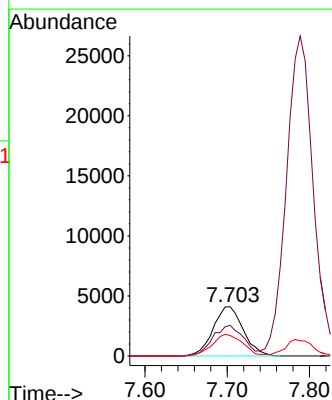
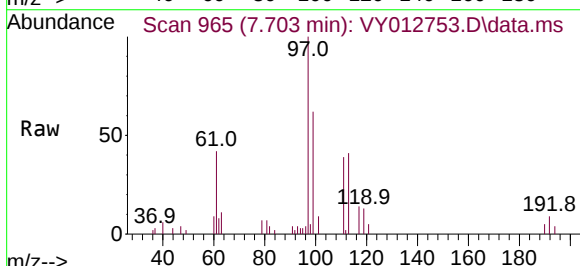
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

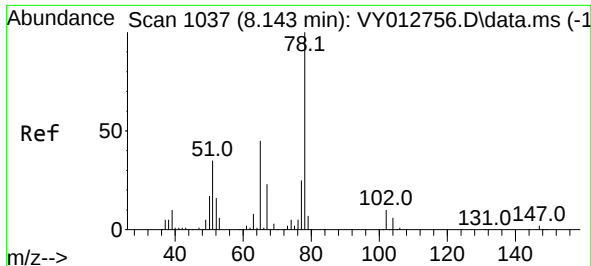
Tgt Ion: 56 Resp: 12149
Ion Ratio Lower Upper
56 100
69 48.8 25.7 38.5#
84 84.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 5.205 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 97 Resp: 10392
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 45.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 5.348 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

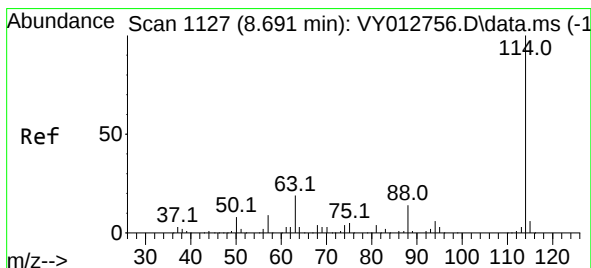
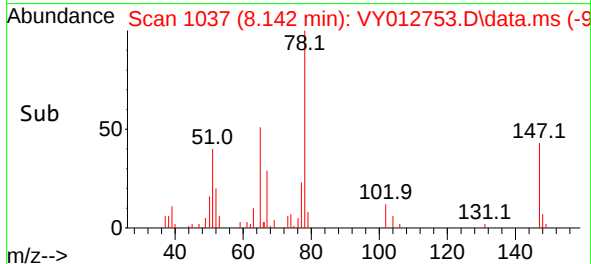
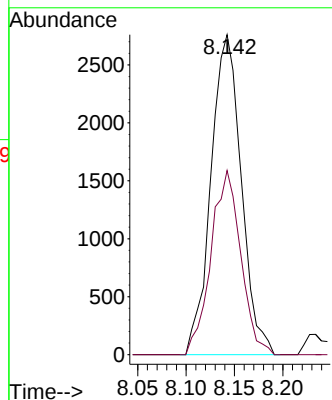
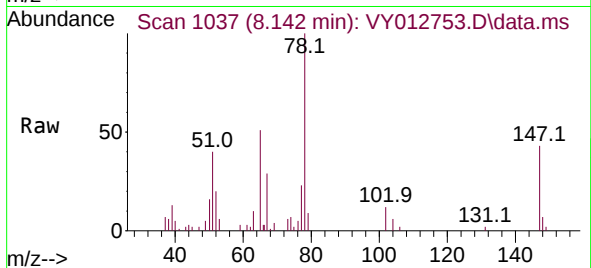
VSTDIC005

Tgt Ion: 65 Resp: 6028

Ion Ratio Lower Upper

65 100

67 56.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

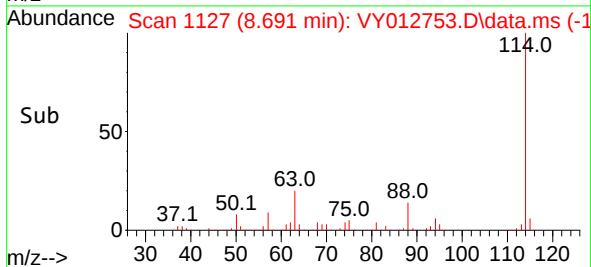
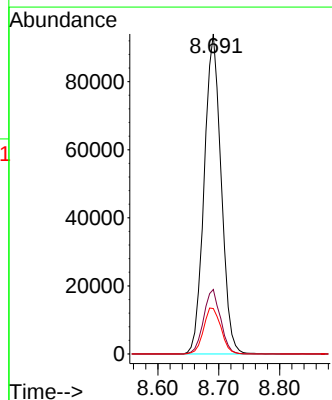
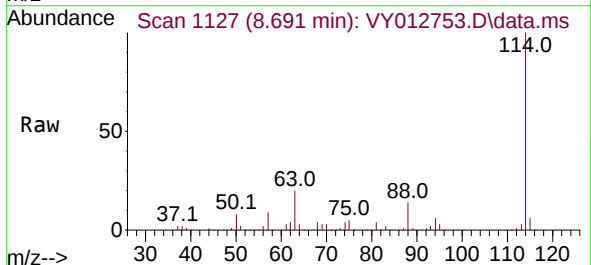
Tgt Ion: 114 Resp: 181417

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 5.214 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

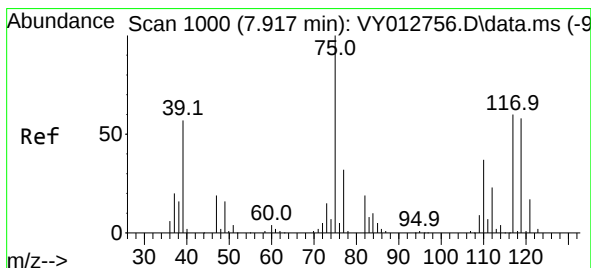
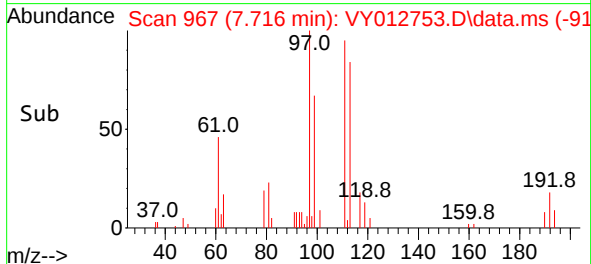
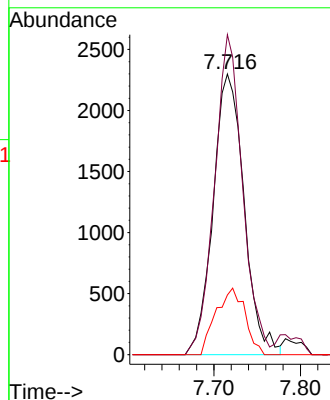
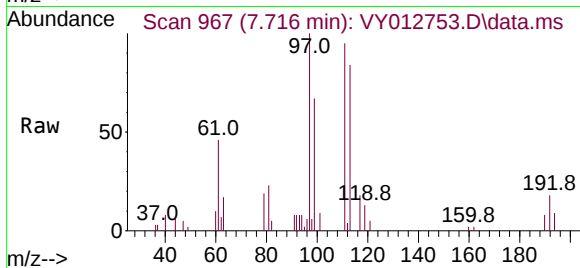
Tgt Ion:113 Resp: 5709

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 22.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.069 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

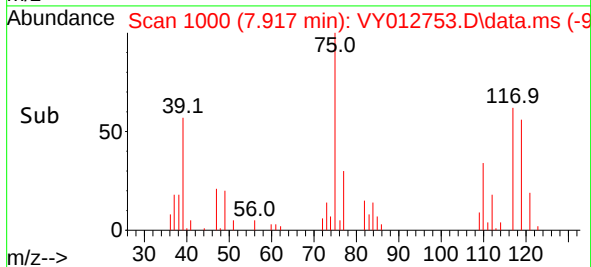
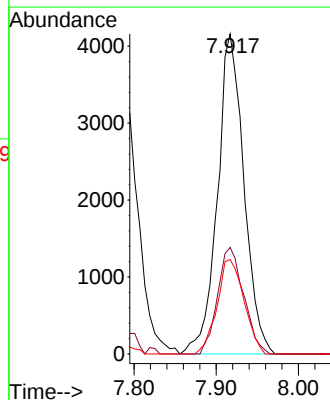
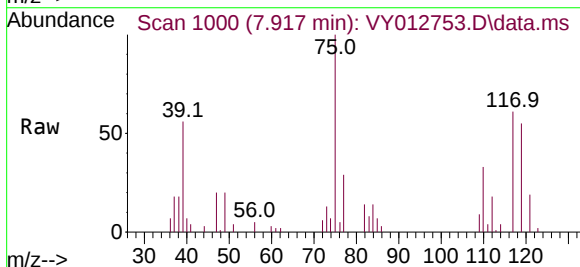
Tgt Ion: 75 Resp: 9300

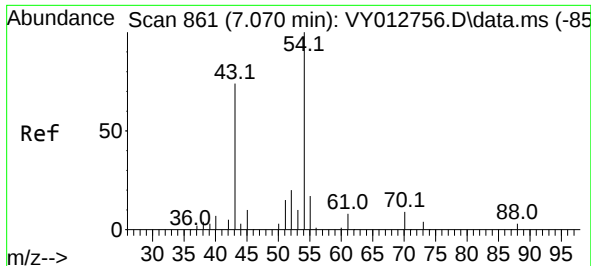
Ion Ratio Lower Upper

75 100

110 32.7 17.8 53.3

77 30.0 25.0 37.4

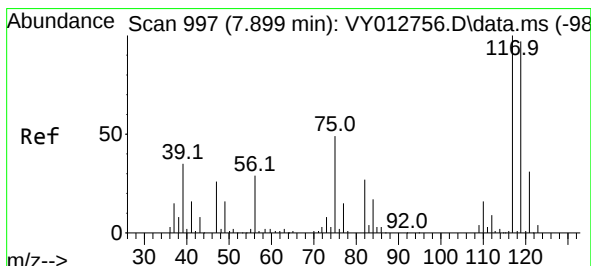
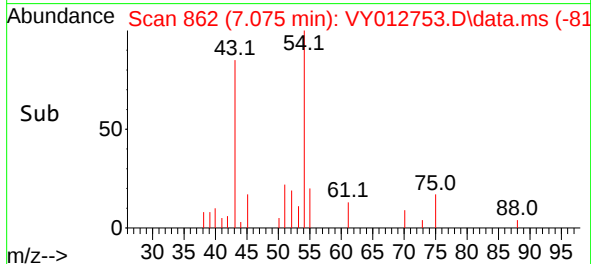
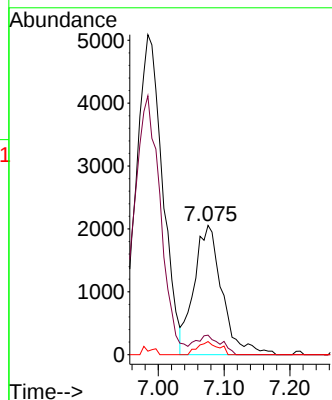
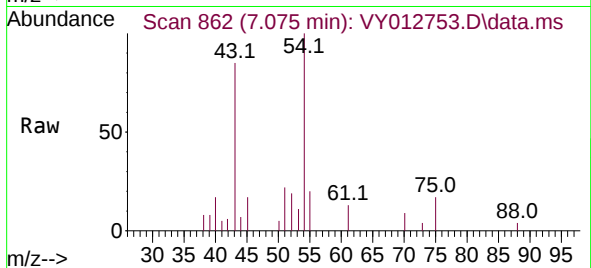




#37
Ethyl Acetate
Concen: 5.262 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

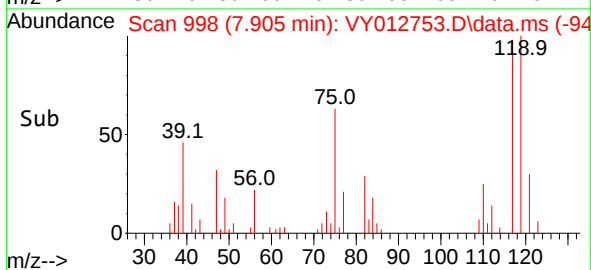
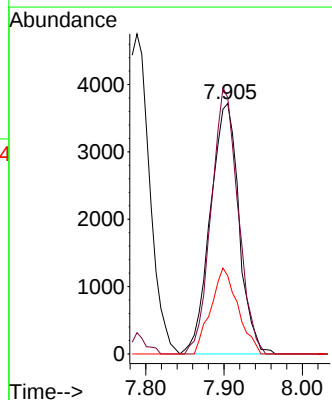
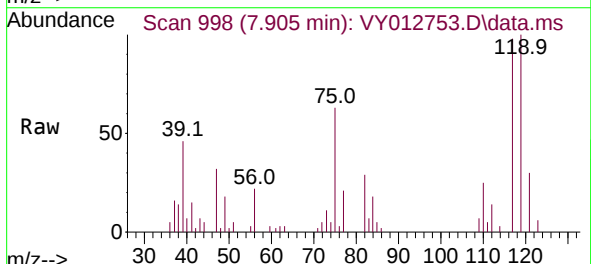
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

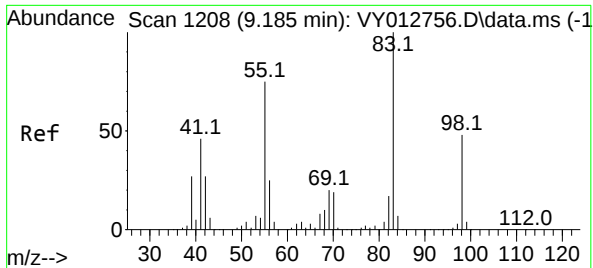
Tgt Ion: 43 Resp: 6085
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 7.4 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 117 Resp: 9458
Ion Ratio Lower Upper
117 100
119 102.4 77.2 115.8
121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 4.718 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

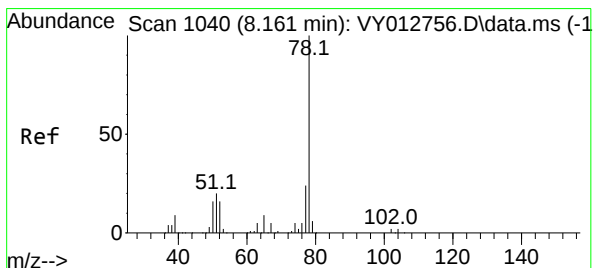
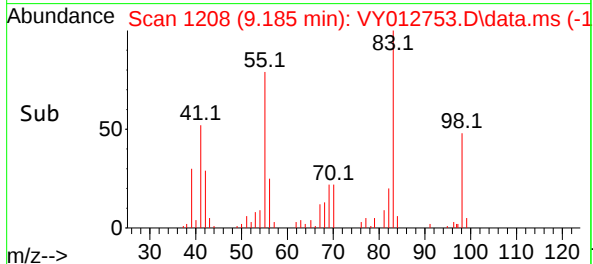
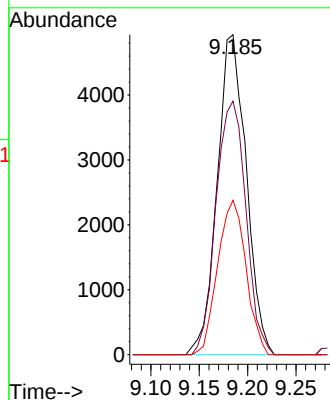
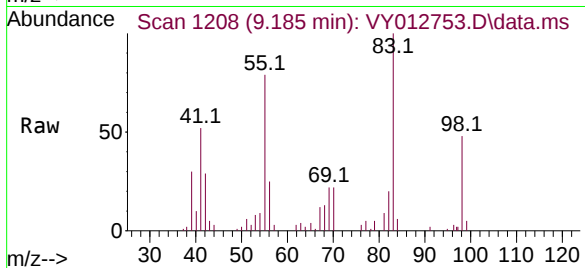
Tgt Ion: 83 Resp: 10292

Ion Ratio Lower Upper

83 100

55 79.3 60.0 90.0

98 48.2 38.3 57.5



#40

Benzene

Concen: 5.138 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012753.D

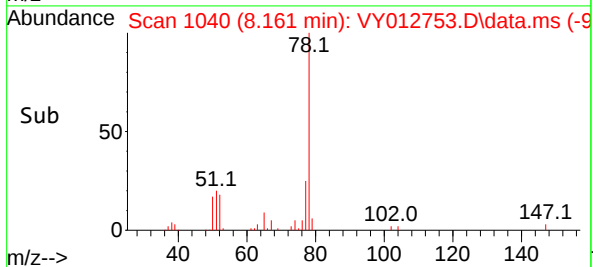
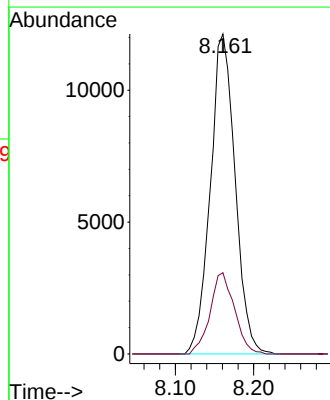
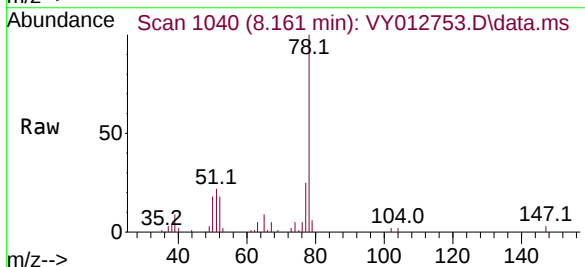
Acq: 02 Mar 2023 12:17

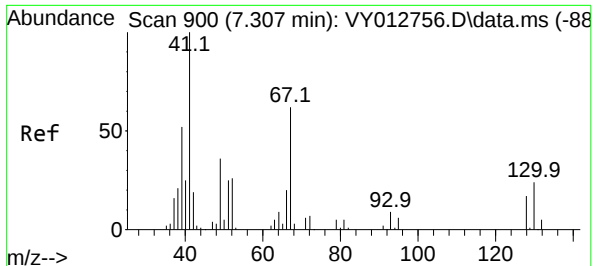
Tgt Ion: 78 Resp: 26666

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

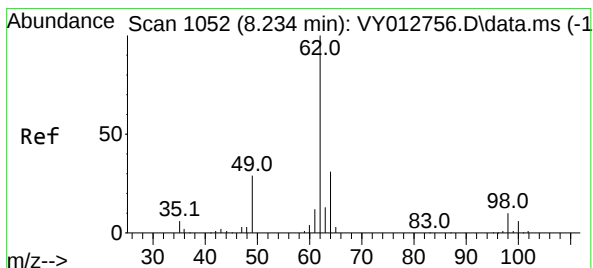
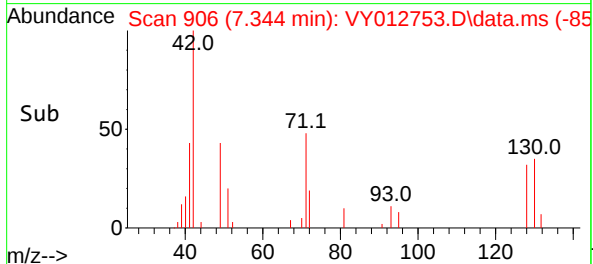
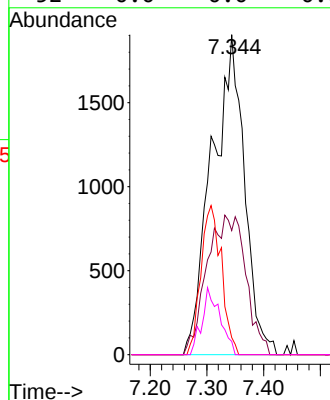
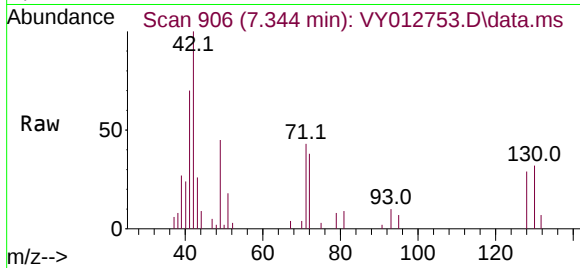




#41
Methacrylonitrile
Concen: 12.507 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

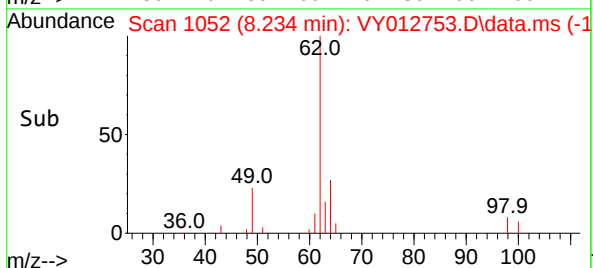
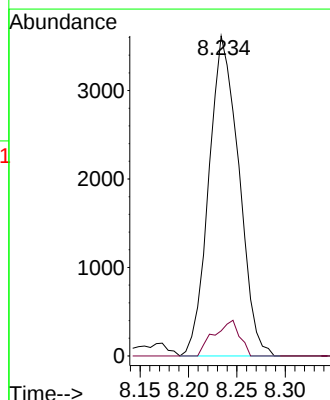
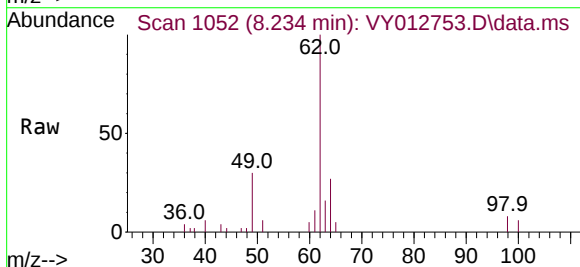
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

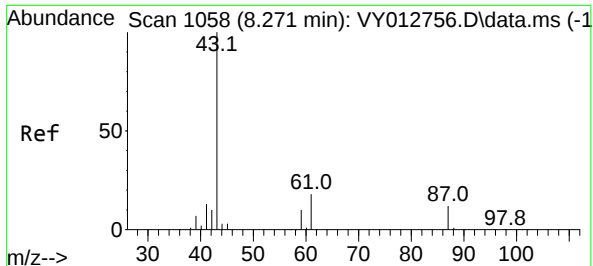
Tgt Ion: 41 Resp: 7583
Ion Ratio Lower Upper
41 100
39 52.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.003 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 62 Resp: 7807
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 4.892 ug/l

RT: 8.276 min Scan# 11059

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

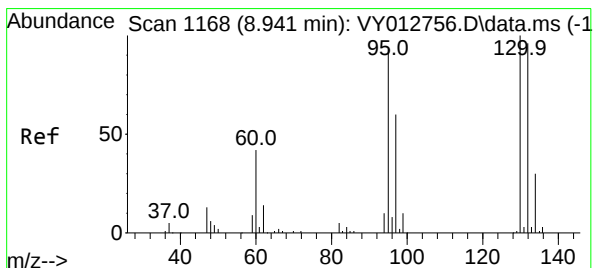
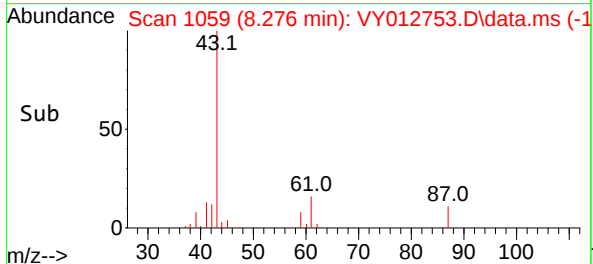
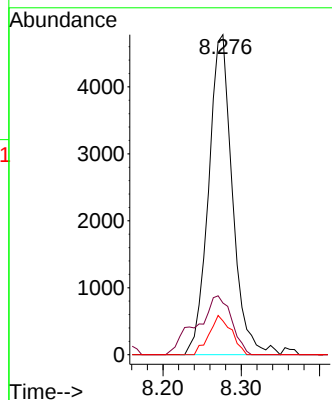
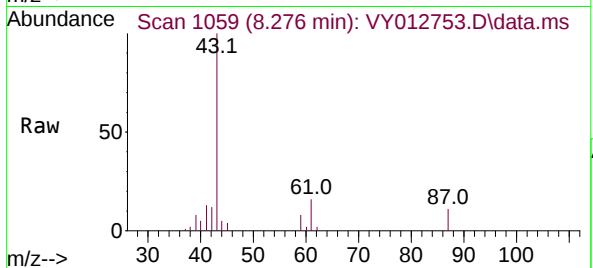
Tgt Ion: 43 Resp: 10093

Ion Ratio Lower Upper

43 100

61 26.9 21.6 32.4

87 11.4 9.9 14.9



#44

Trichloroethene

Concen: 5.024 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012753.D

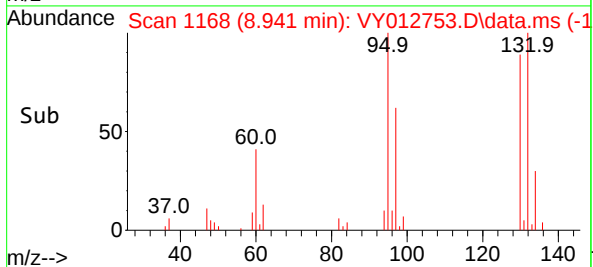
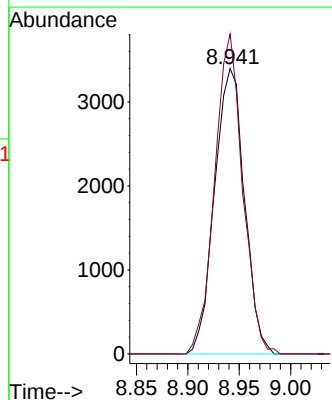
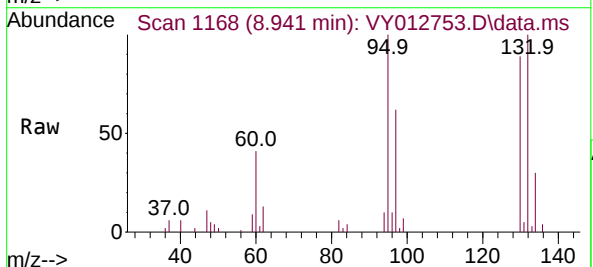
Acq: 02 Mar 2023 12:17

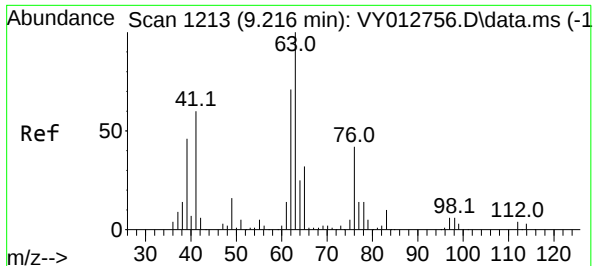
Tgt Ion: 130 Resp: 6874

Ion Ratio Lower Upper

130 100

95 112.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 5.008 ug/l

RT: 9.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

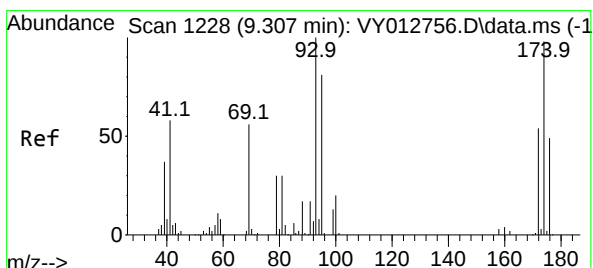
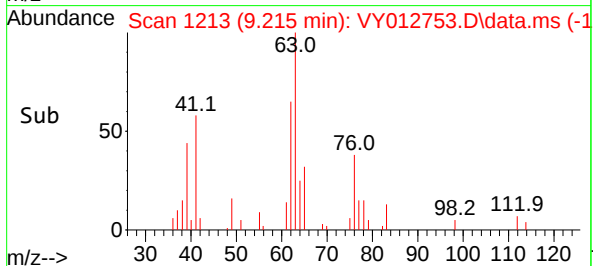
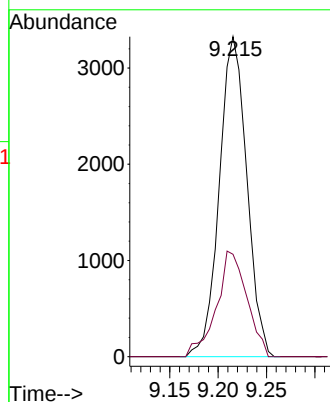
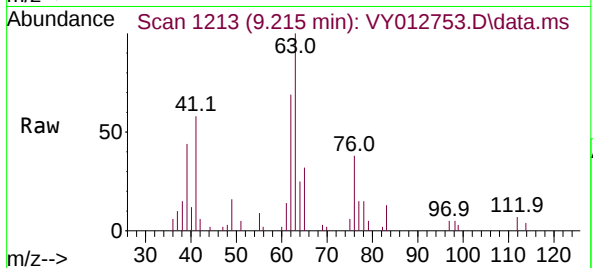
VSTDICC005

Tgt Ion: 63 Resp: 6569

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 5.056 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

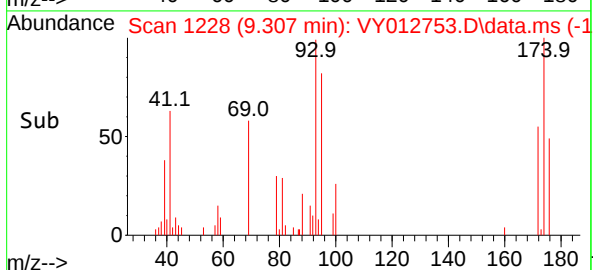
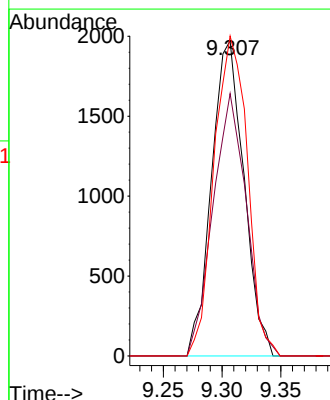
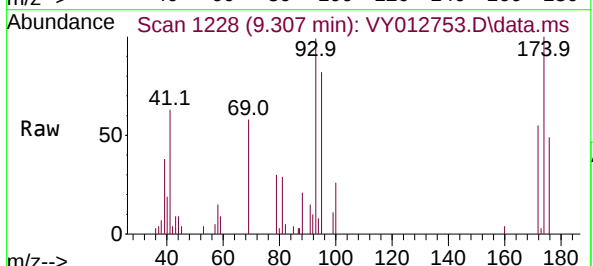
Tgt Ion: 93 Resp: 3778

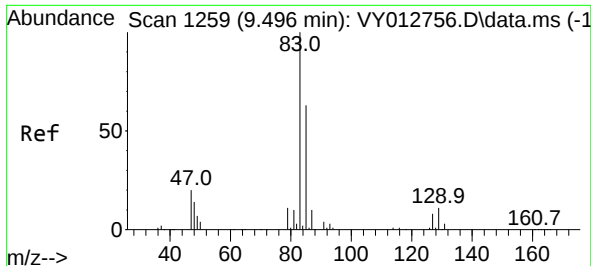
Ion Ratio Lower Upper

93 100

95 85.4 65.6 98.4

174 104.5 81.3 121.9

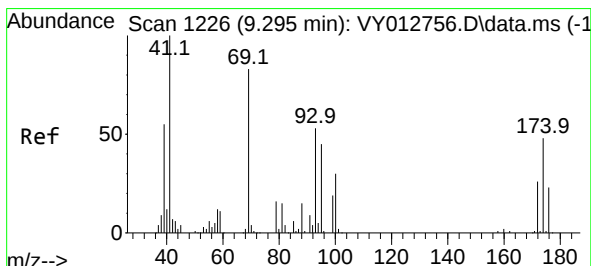
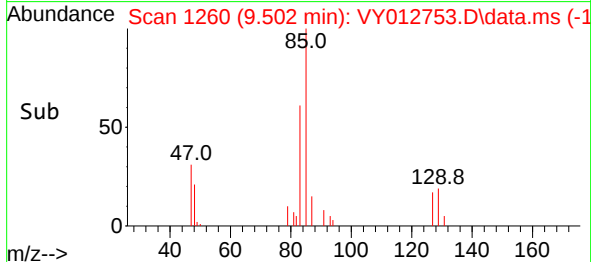
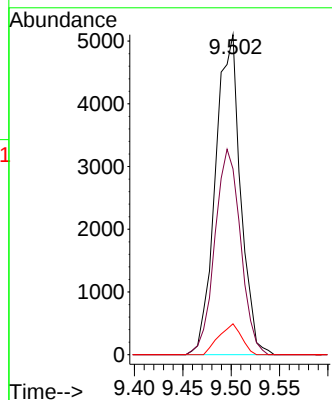
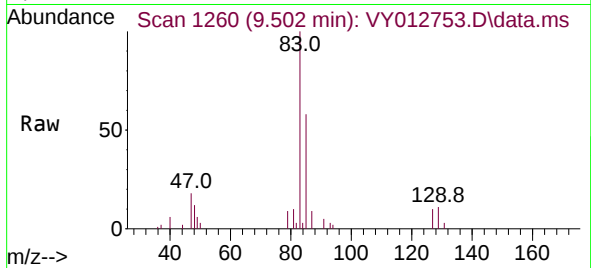




#47
Bromodichloromethane
Concen: 5.233 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

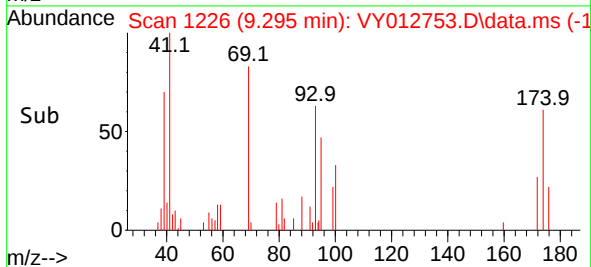
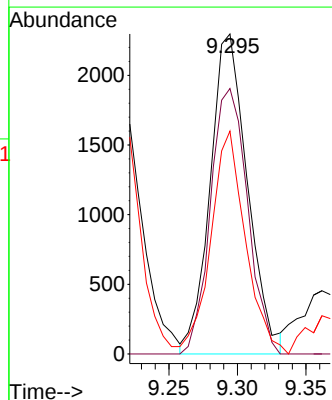
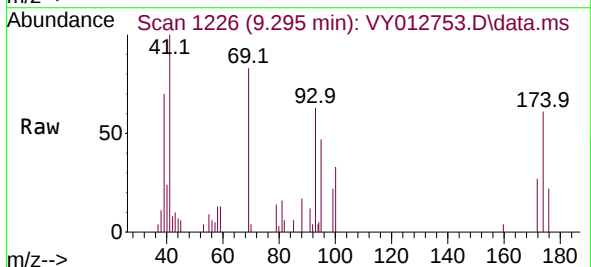
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

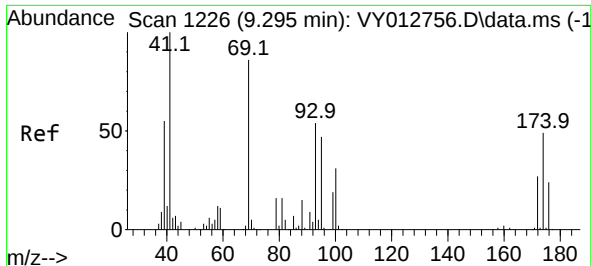
Tgt Ion: 83 Resp: 9214
Ion Ratio Lower Upper
83 100
85 58.0 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.575 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 41 Resp: 4349
Ion Ratio Lower Upper
41 100
69 82.5 64.1 96.1
39 64.4 44.0 66.0





#49

1,4-Dioxane

Concen: 91.926 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

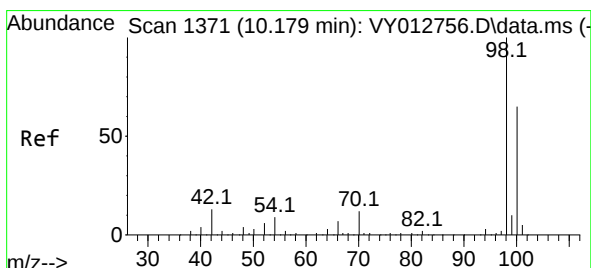
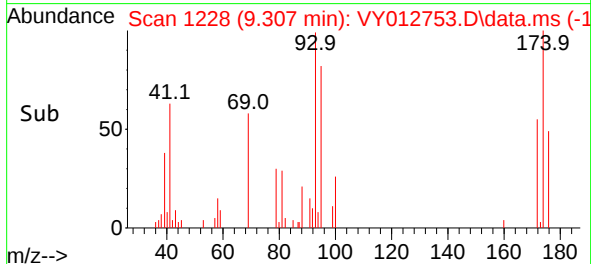
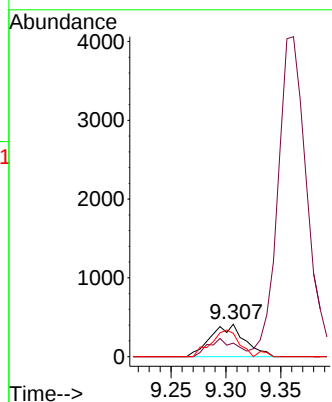
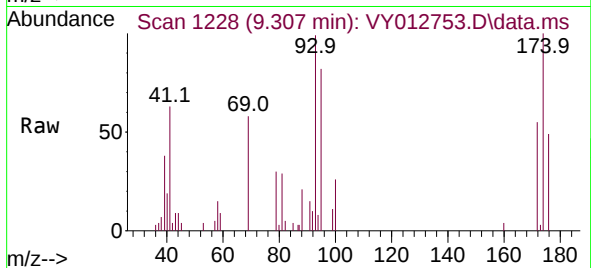
Tgt Ion: 88 Resp: 888

Ion Ratio Lower Upper

88 100

43 45.0 28.6 42.8#

58 66.3 55.2 82.8



#50

Toluene-d8

Concen: 5.161 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012753.D

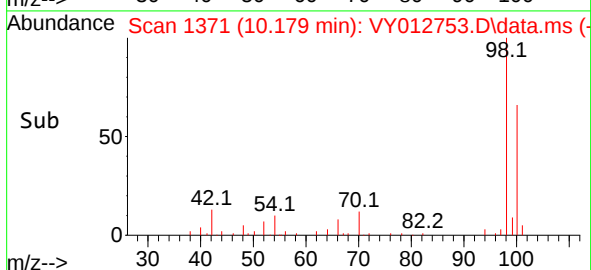
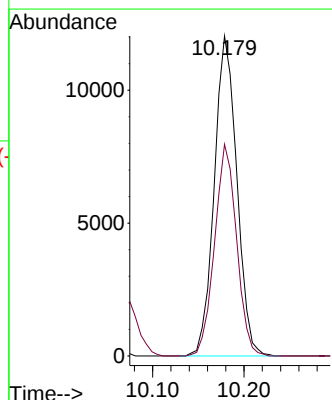
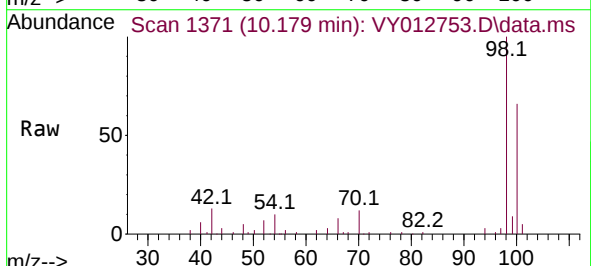
Acq: 02 Mar 2023 12:17

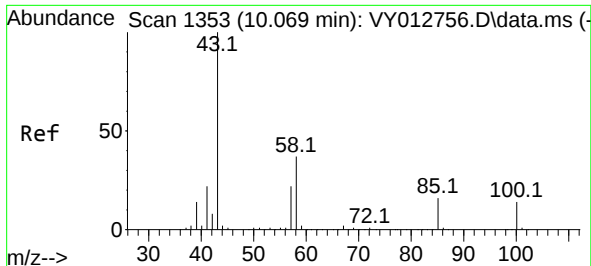
Tgt Ion: 98 Resp: 20656

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

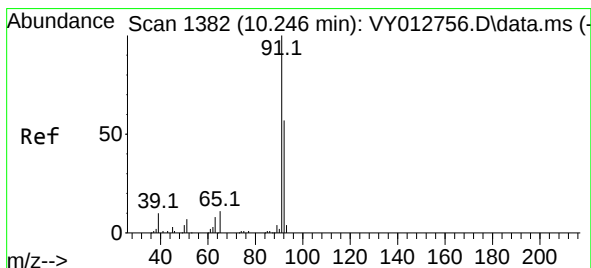
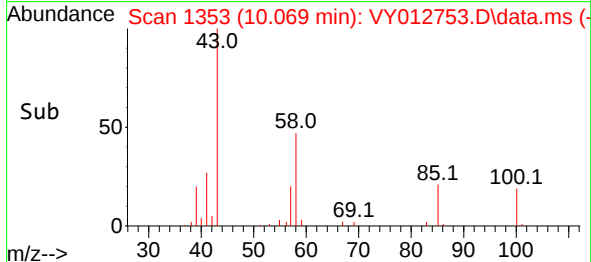
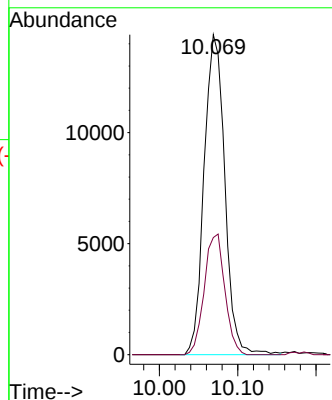
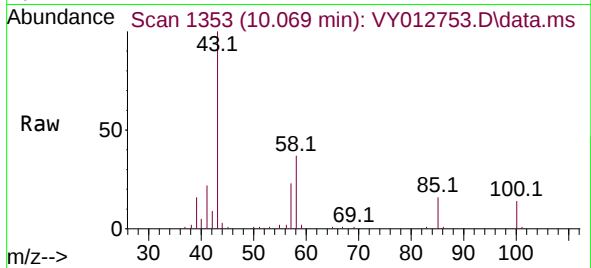




#51
4-Methyl-2-Pentanone
Concen: 23.617 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

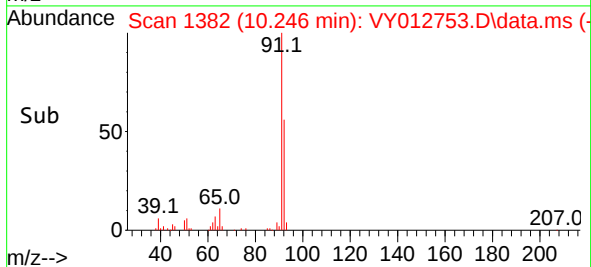
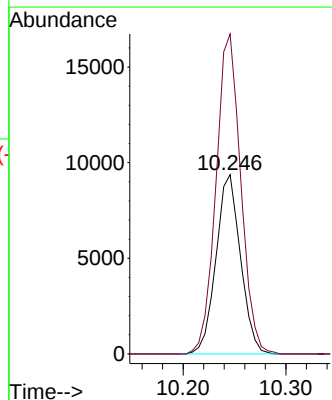
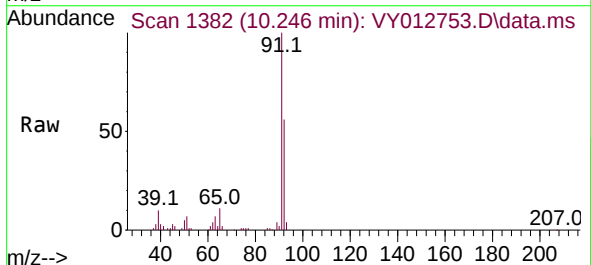
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

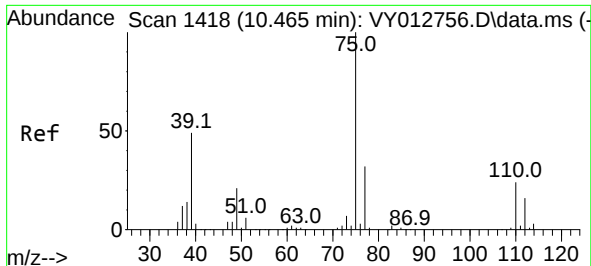
Tgt Ion: 43 Resp: 26431
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6



#52
Toluene
Concen: 4.947 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 92 Resp: 15483
Ion Ratio Lower Upper
92 100
91 180.6 141.3 211.9

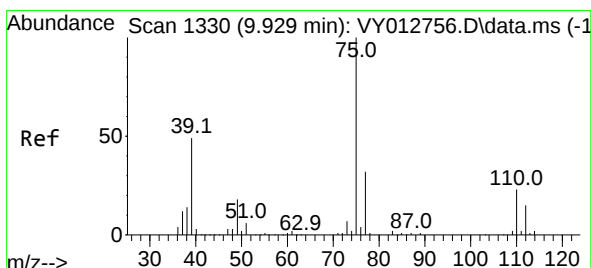
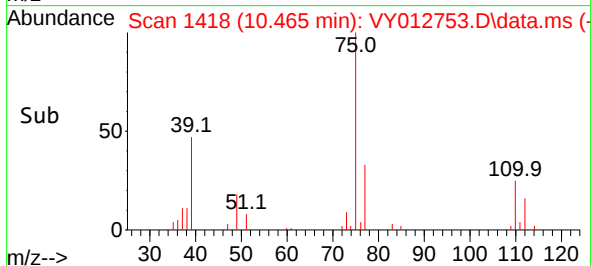
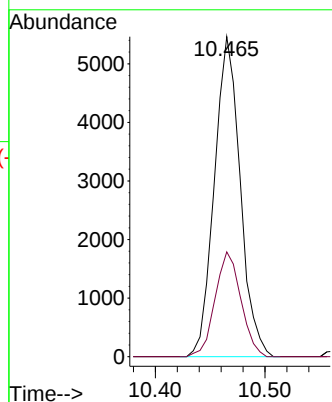
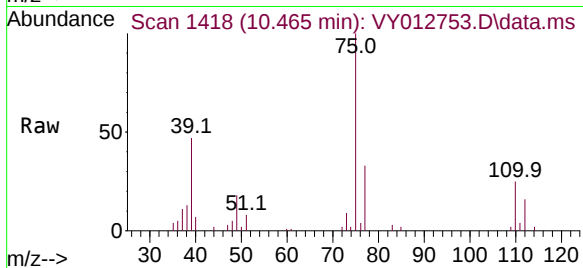




#53
 t-1,3-Dichloropropene
 Concen: 4.840 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

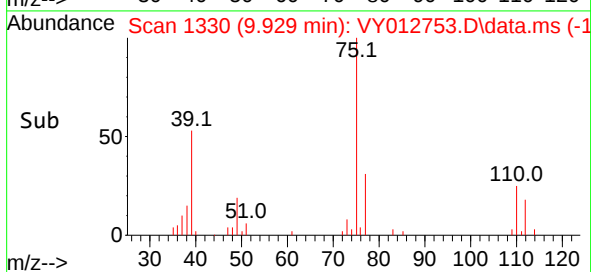
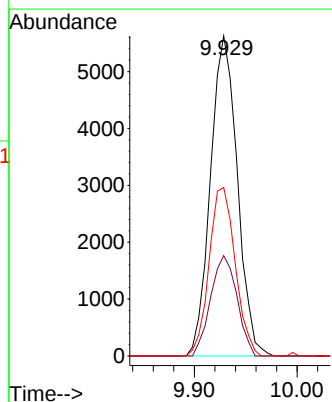
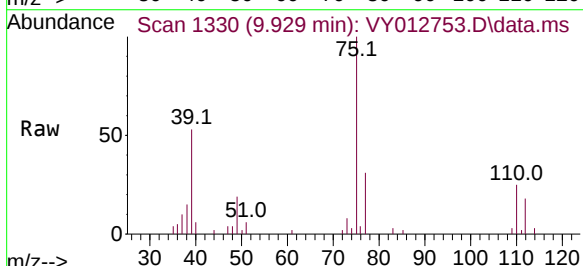
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

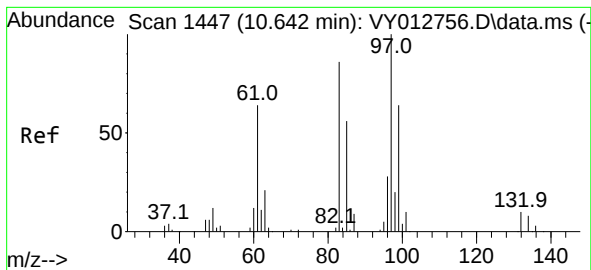
Tgt Ion: 75 Resp: 8940
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.879 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Tgt Ion: 75 Resp: 10200
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 52.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 5.214 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5426

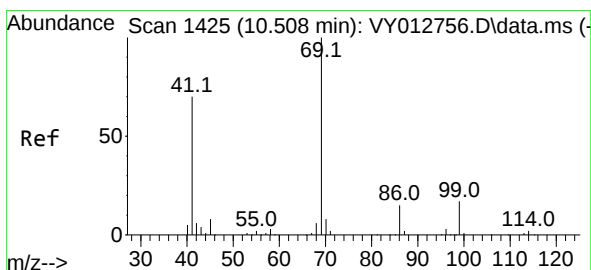
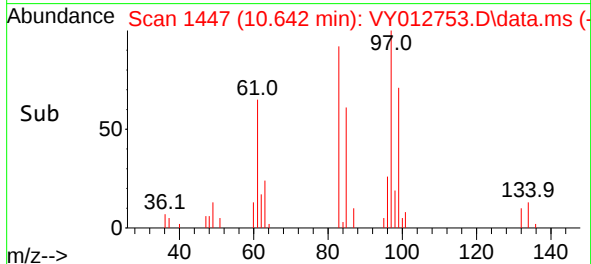
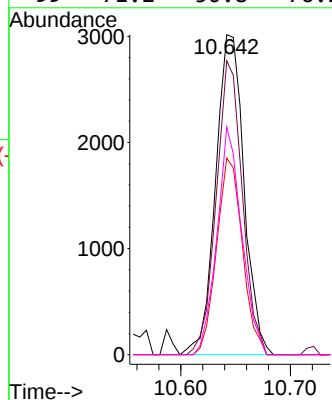
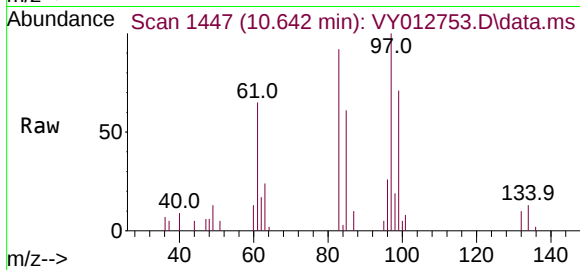
Ion Ratio Lower Upper

97 100

83 91.8 69.0 103.6

85 61.4 44.9 67.3

99 71.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 4.624 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

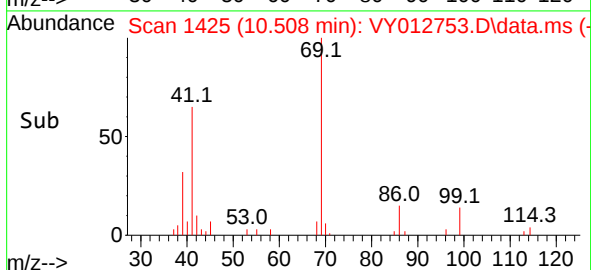
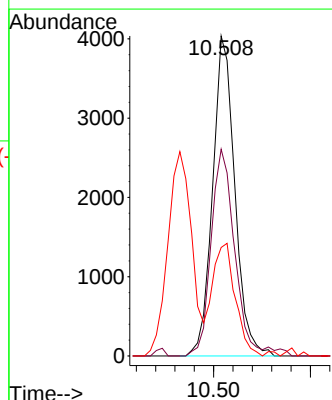
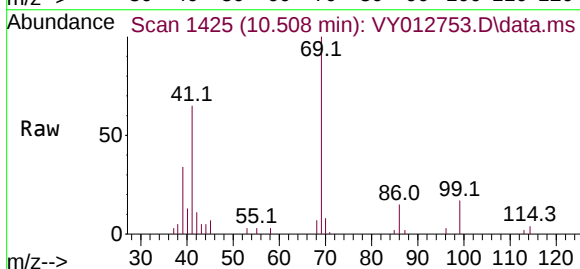
Tgt Ion: 69 Resp: 6416

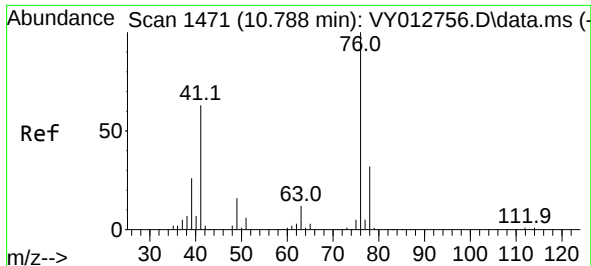
Ion Ratio Lower Upper

69 100

41 69.7 56.4 84.6

39 36.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 5.084 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

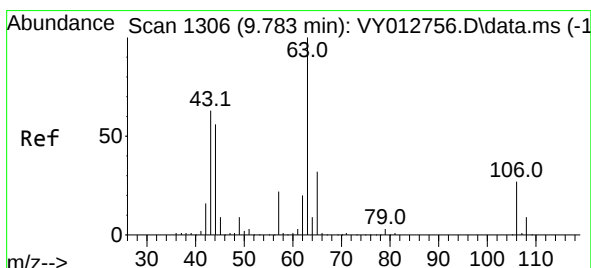
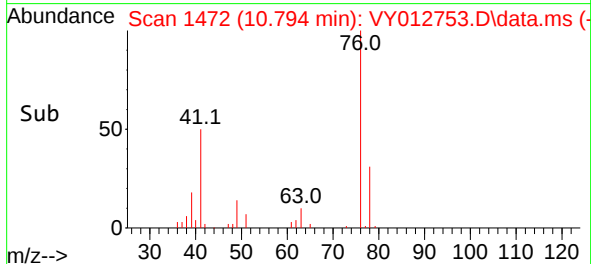
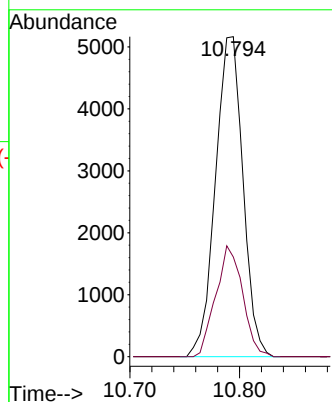
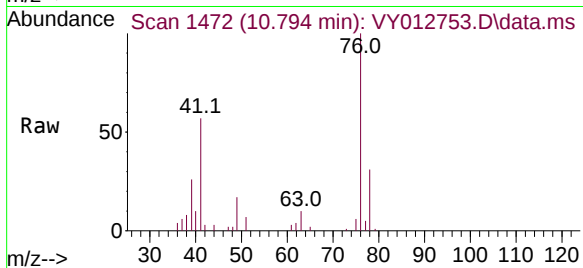
VSTDIC005

Tgt Ion: 76 Resp: 9012

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 22.550 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012753.D

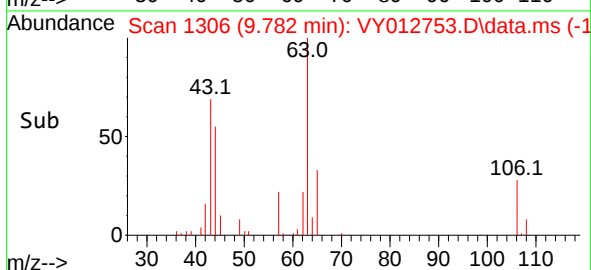
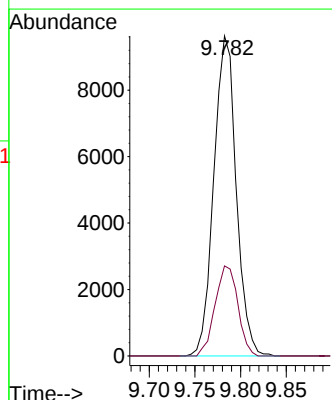
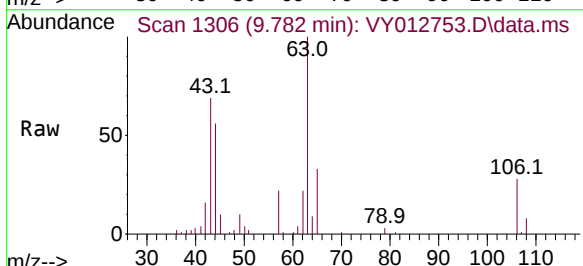
Acq: 02 Mar 2023 12:17

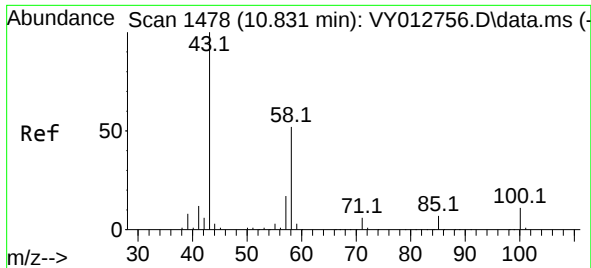
Tgt Ion: 63 Resp: 16426

Ion Ratio Lower Upper

63 100

106 28.5 22.1 33.1





#59

2-Hexanone

Concen: 22.821 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

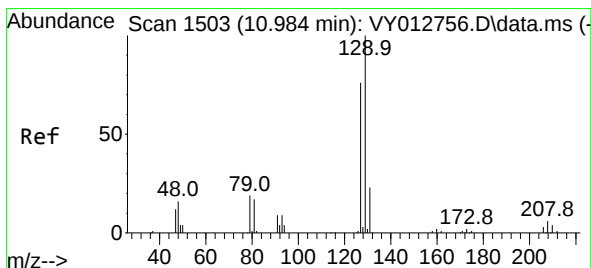
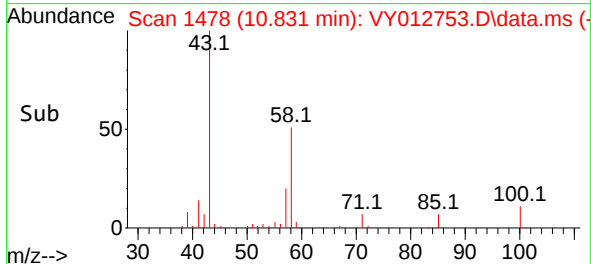
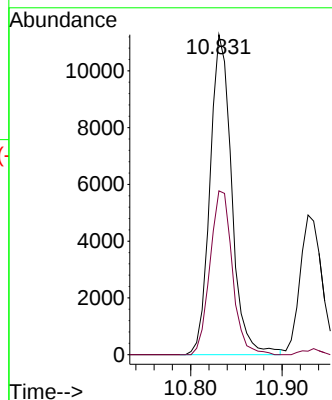
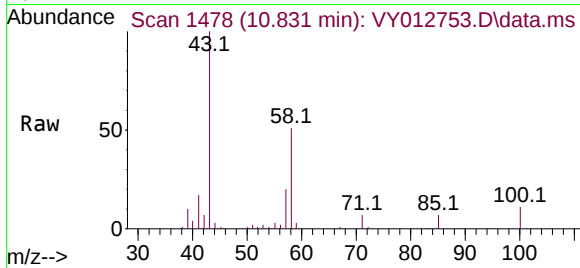
VSTDIC005

Tgt Ion: 43 Resp: 18562

Ion Ratio Lower Upper

43 100

58 52.8 25.9 77.8



#60

Dibromochloromethane

Concen: 5.101 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012753.D

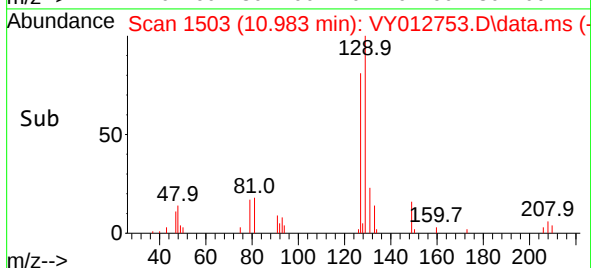
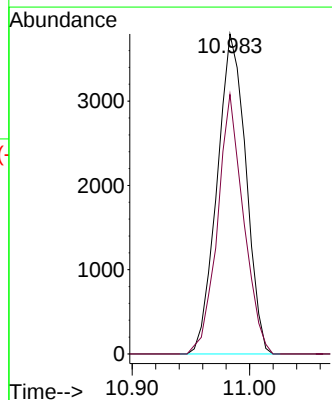
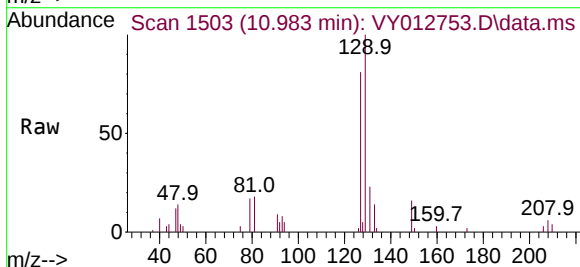
Acq: 02 Mar 2023 12:17

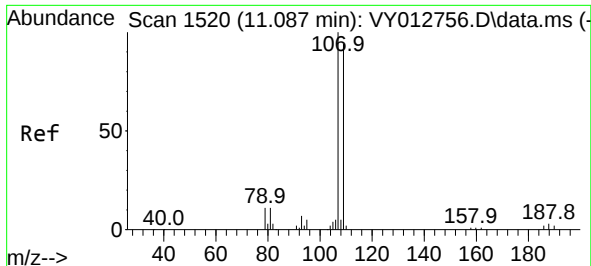
Tgt Ion:129 Resp: 6462

Ion Ratio Lower Upper

129 100

127 73.3 38.7 116.1

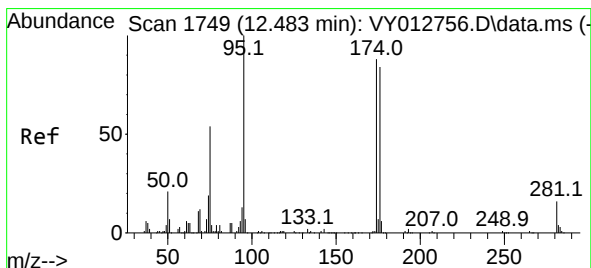
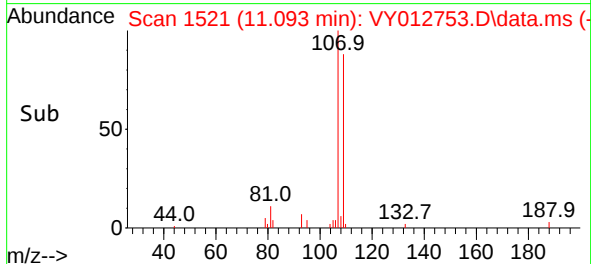
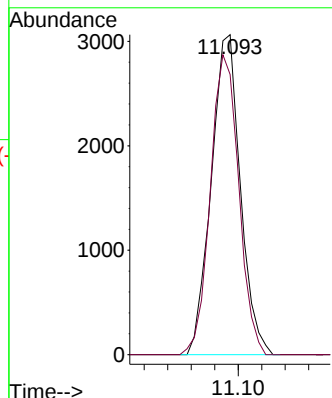
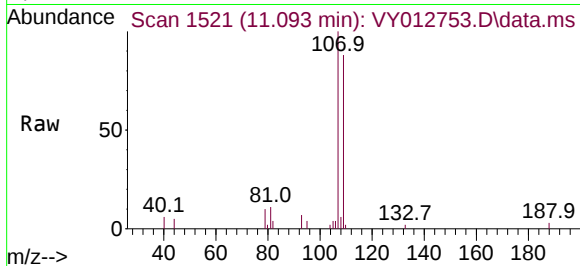




#61
1,2-Dibromoethane
Concen: 5.255 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

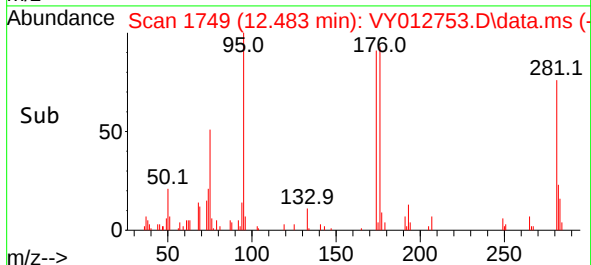
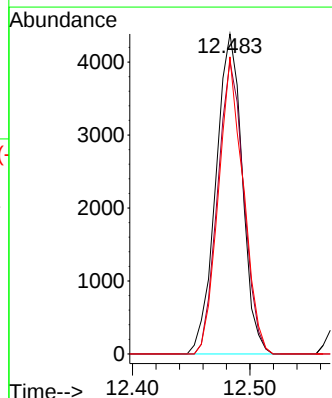
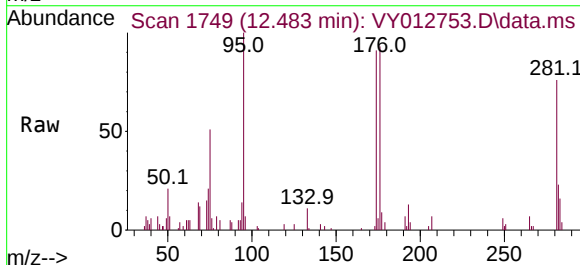
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

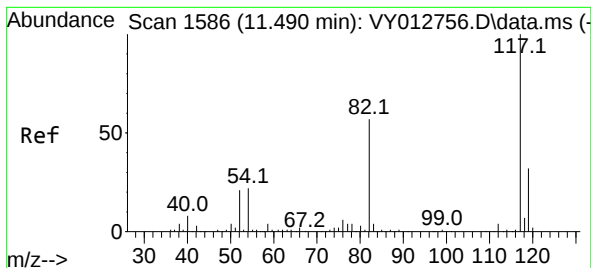
Tgt Ion:107 Resp: 5268
Ion Ratio Lower Upper
107 100
109 91.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 5.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 95 Resp: 6860
Ion Ratio Lower Upper
95 100
174 90.0 0.0 176.6
176 87.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

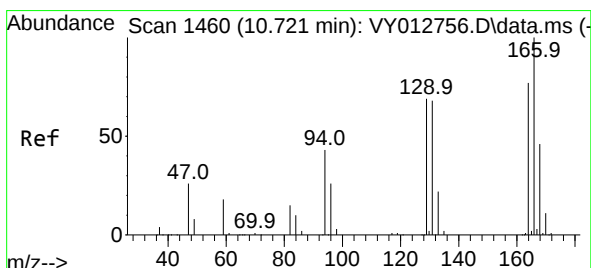
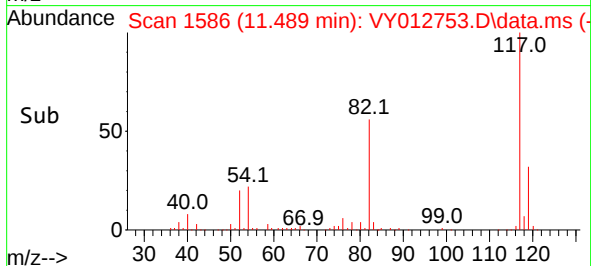
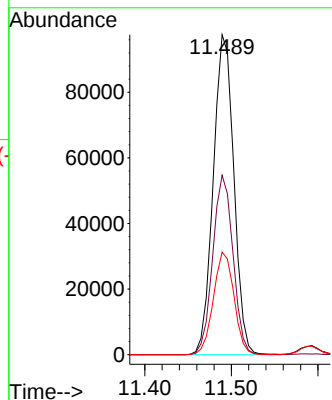
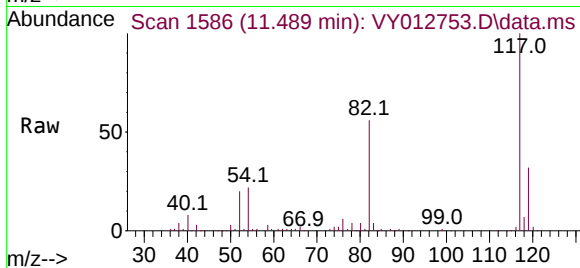
Tgt Ion:117 Resp: 161068

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 4.942 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Tgt Ion:164 Resp: 5796

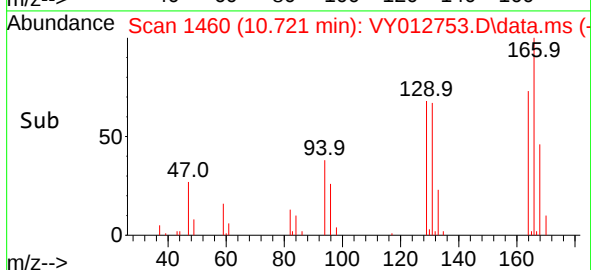
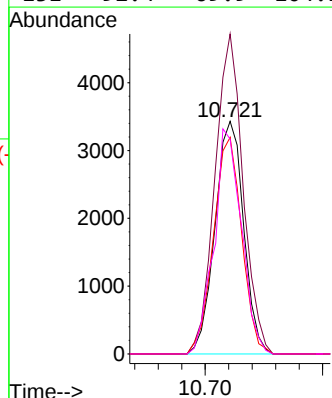
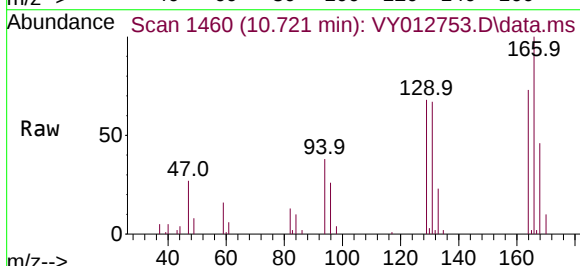
Ion Ratio Lower Upper

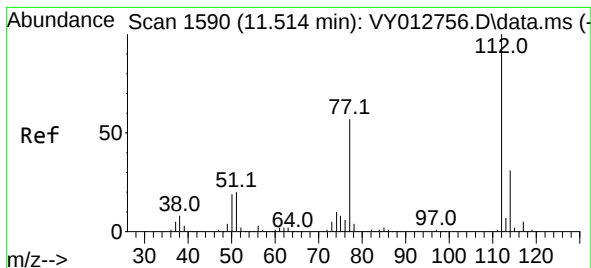
164 100

166 137.6 103.4 155.2

129 93.1 71.4 107.2

131 92.4 69.9 104.9





#65

Chlorobenzene

Concen: 5.118 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

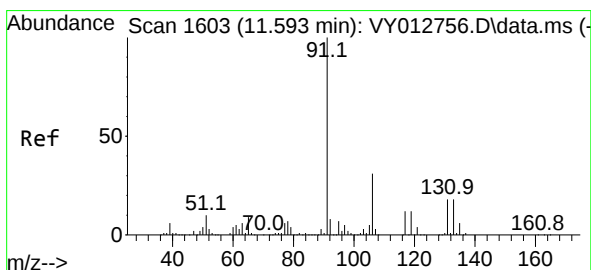
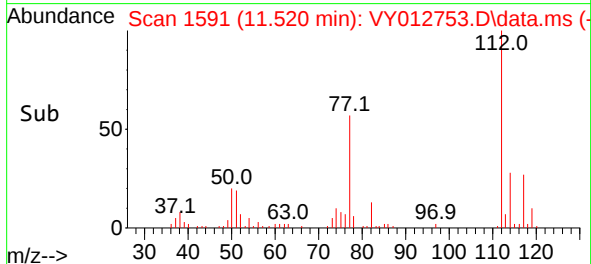
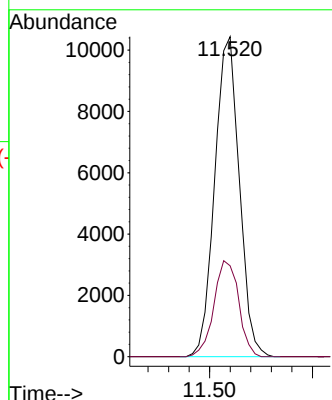
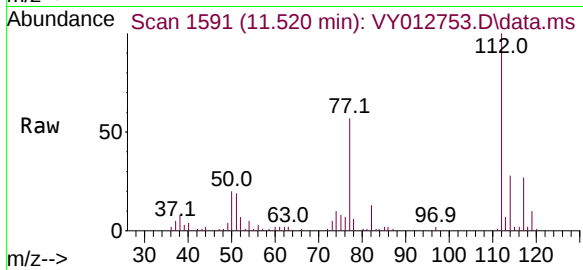
VSTDIC005

Tgt Ion:112 Resp: 17300

Ion Ratio Lower Upper

112 100

114 28.4 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 5.000 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

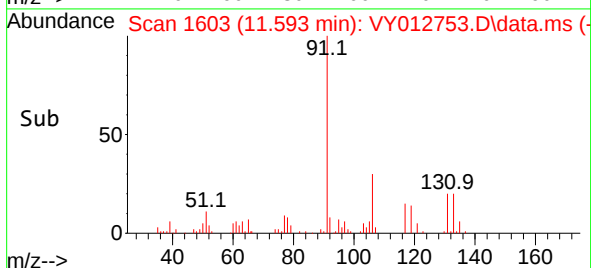
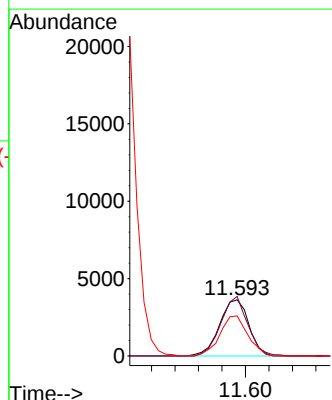
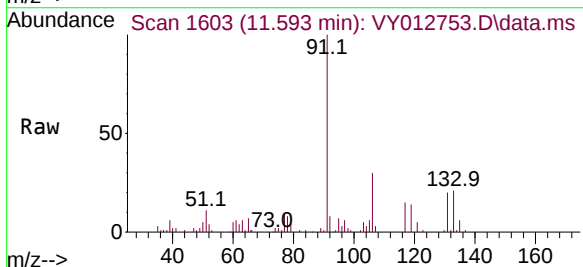
Tgt Ion:131 Resp: 6254

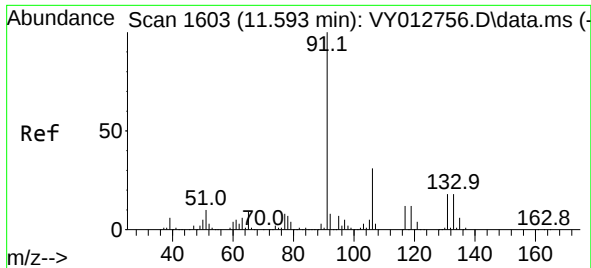
Ion Ratio Lower Upper

131 100

133 97.7 48.0 144.0

119 68.1 32.6 98.0





#67

Ethyl Benzene

Concen: 4.773 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

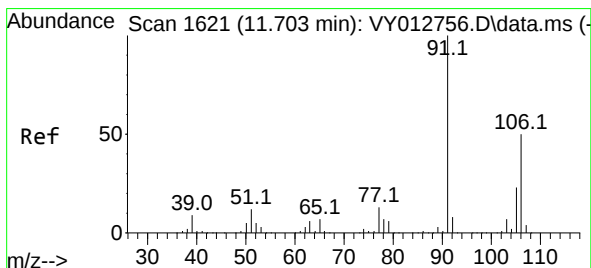
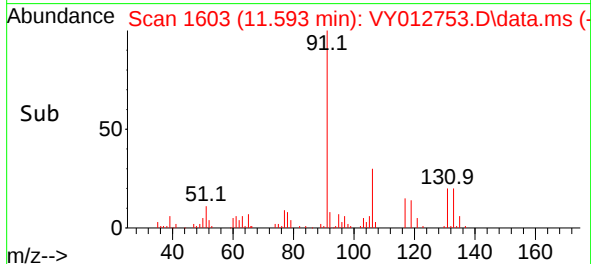
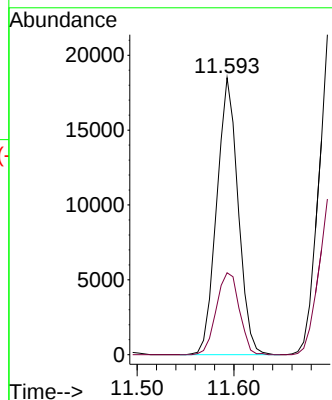
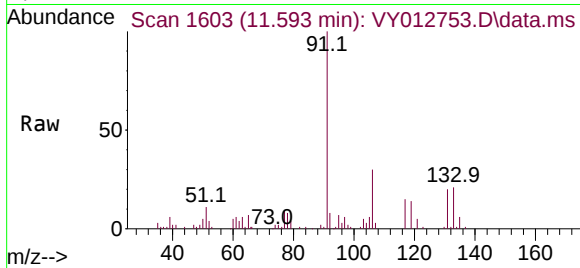
VSTDIC005

Tgt Ion: 91 Resp: 28367

Ion Ratio Lower Upper

91 100

106 29.6 25.1 37.7



#68

m/p-Xylenes

Concen: 9.458 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012753.D

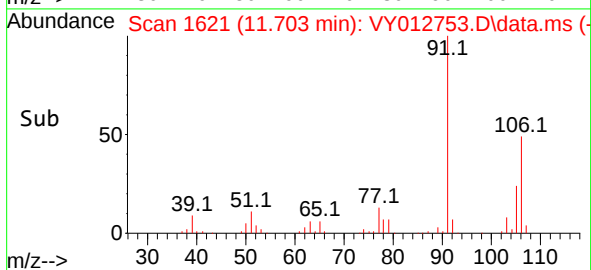
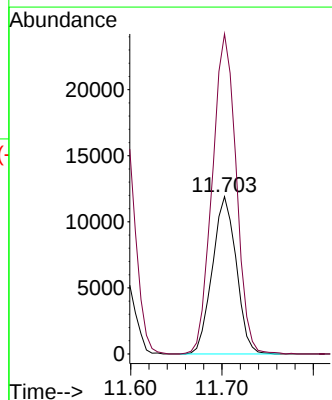
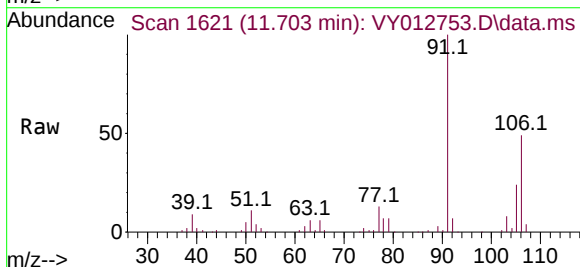
Acq: 02 Mar 2023 12:17

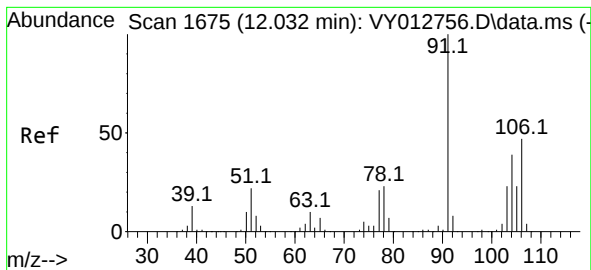
Tgt Ion: 106 Resp: 21625

Ion Ratio Lower Upper

106 100

91 203.9 159.8 239.8





#69

o-Xylene

Concen: 4.861 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

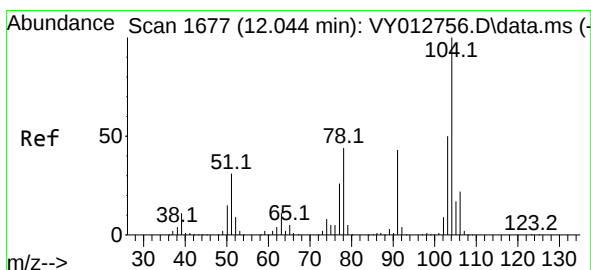
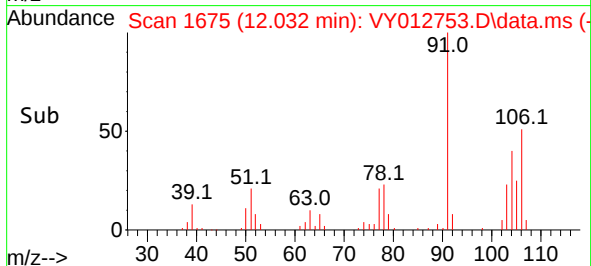
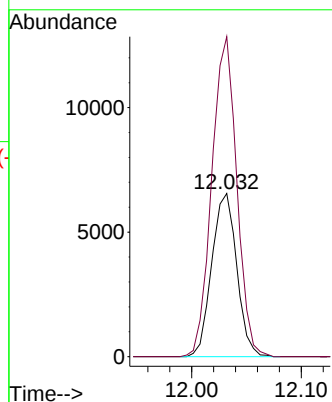
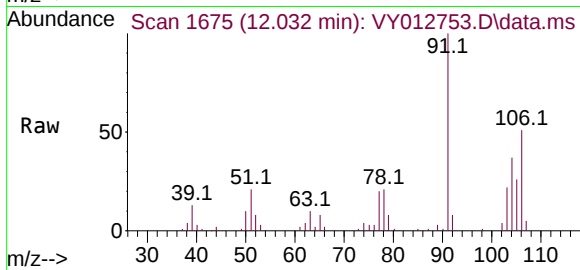
VSTDIC005

Tgt Ion:106 Resp: 10373

Ion Ratio Lower Upper

106 100

91 196.0 107.2 321.6



#70

Styrene

Concen: 4.651 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

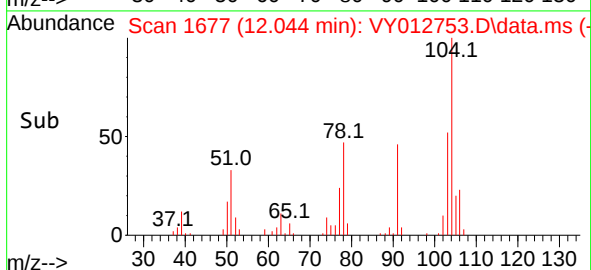
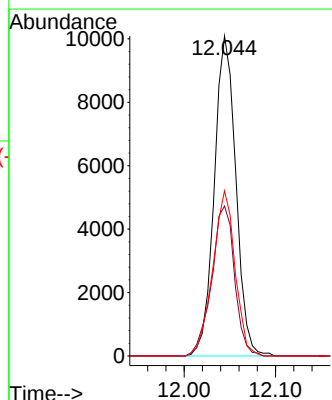
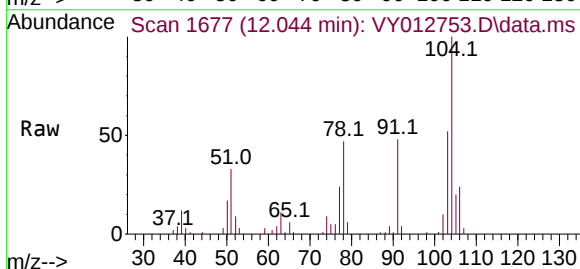
Tgt Ion:104 Resp: 16562

Ion Ratio Lower Upper

104 100

78 49.6 39.2 58.8

103 53.3 43.7 65.5





#71

Bromoform

Concen: 5.120 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

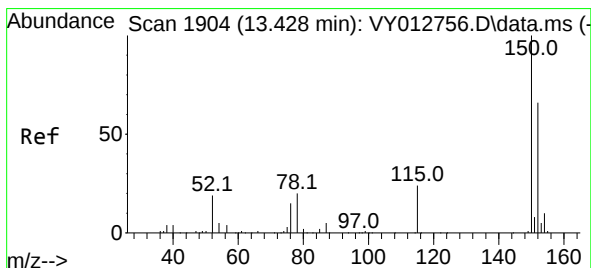
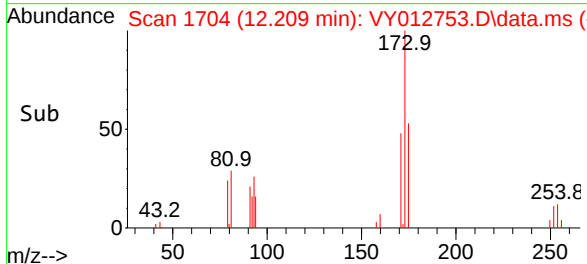
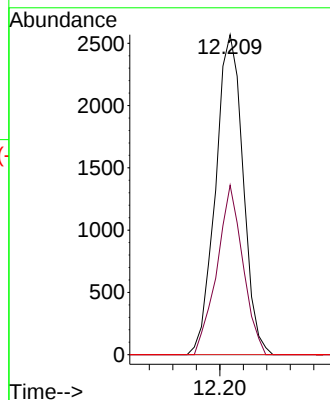
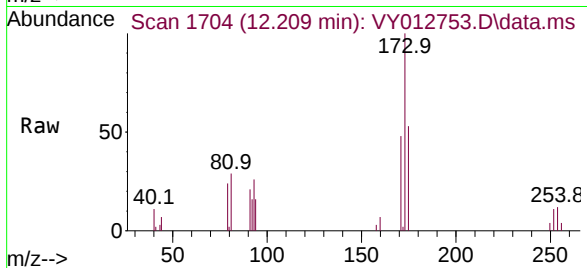
Tgt Ion:173 Resp: 4176

Ion Ratio Lower Upper

173 100

175 50.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

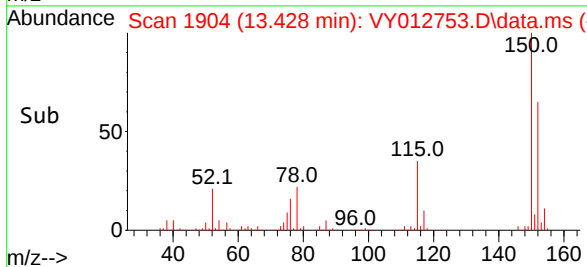
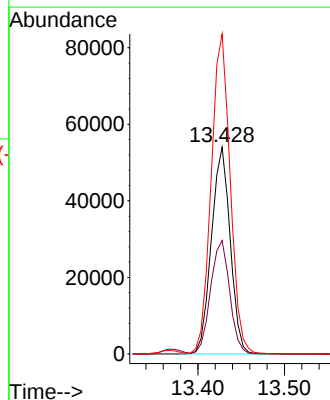
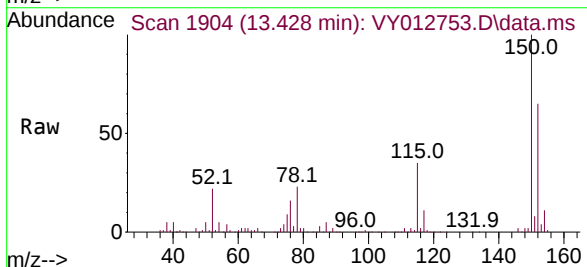
Tgt Ion:152 Resp: 81348

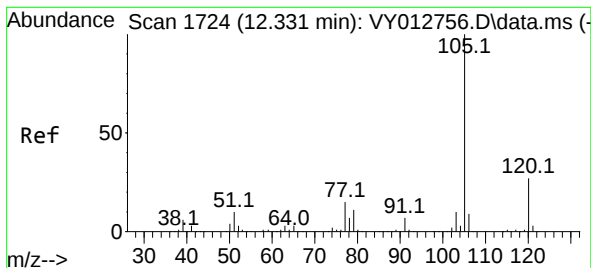
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 156.9 0.0 347.8





#73

Isopropylbenzene

Concen: 4.636 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

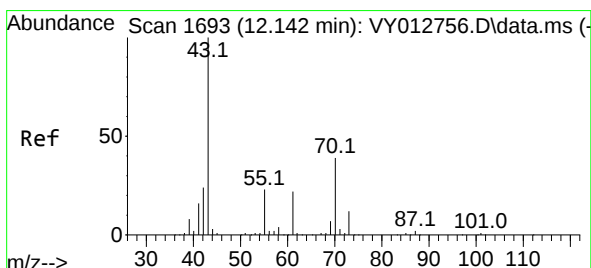
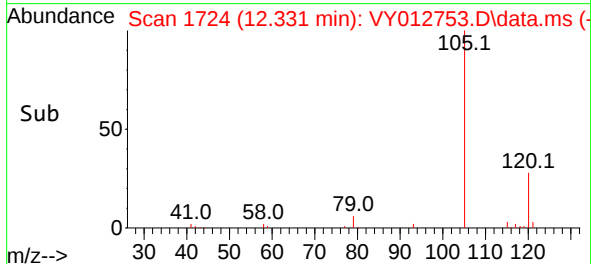
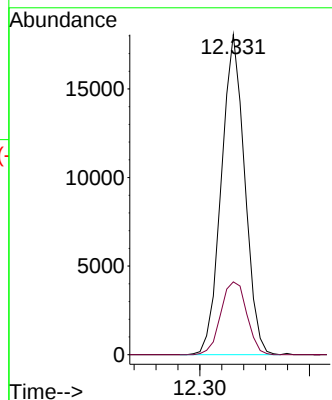
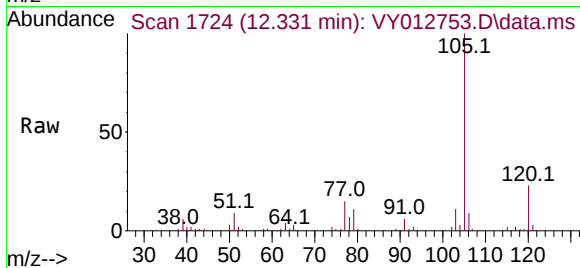
VSTDIC005

Tgt Ion:105 Resp: 26728

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.2



#74

N-ethyl acetate

Concen: 4.496 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Tgt Ion: 43 Resp: 8155

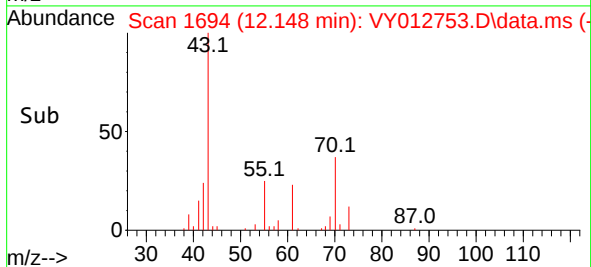
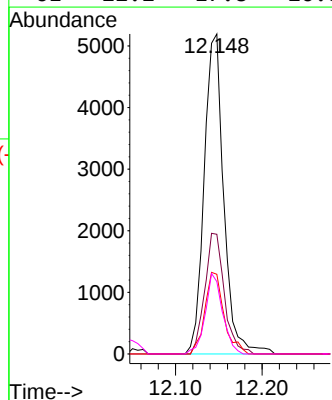
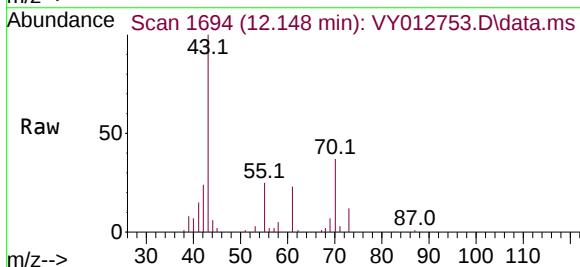
Ion Ratio Lower Upper

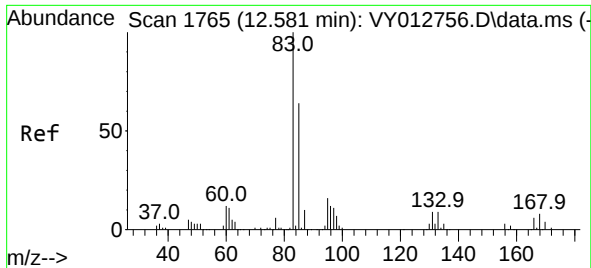
43 100

70 37.5 31.6 47.4

55 24.9 18.8 28.2

61 22.2 17.8 26.8

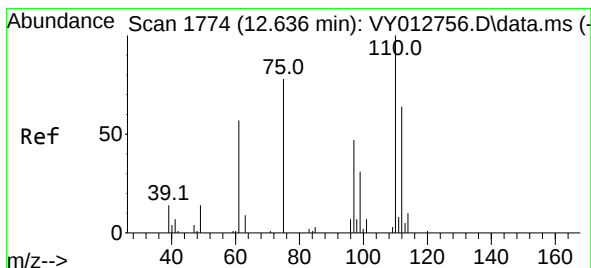
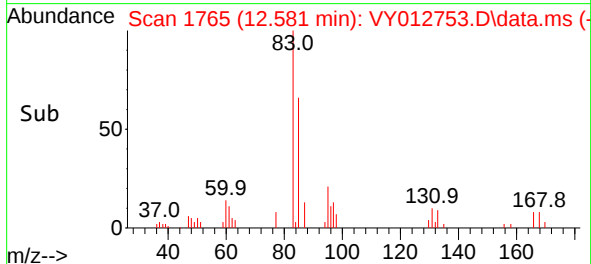
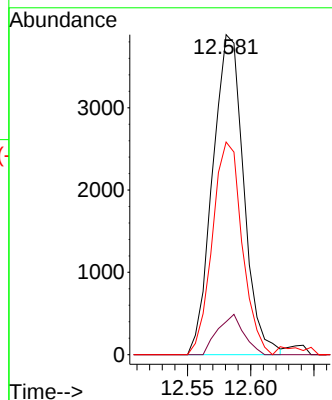
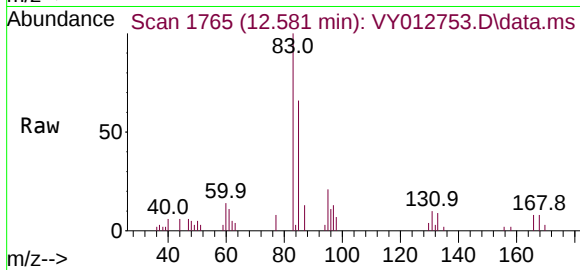




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.111 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

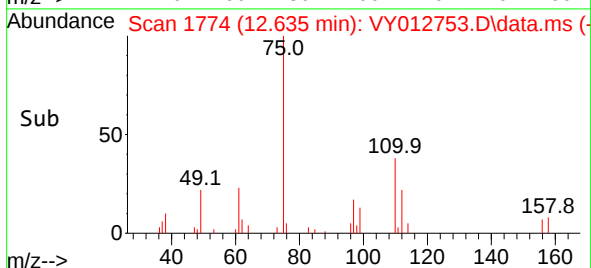
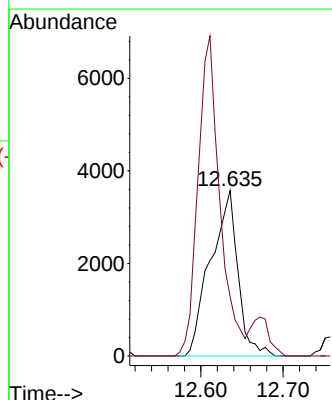
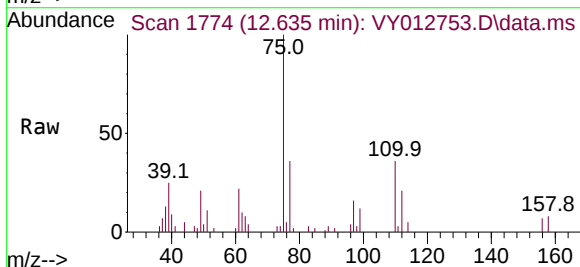
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

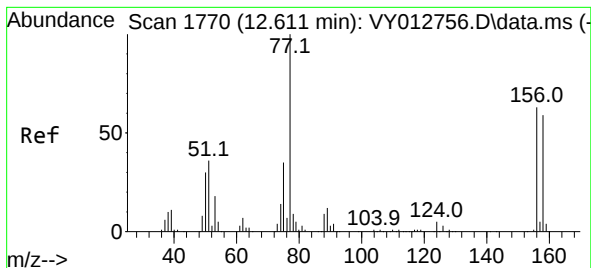
Tgt Ion: 83 Resp: 6624
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.2
 85 63.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 8.526 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Tgt Ion: 75 Resp: 8282
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.971 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

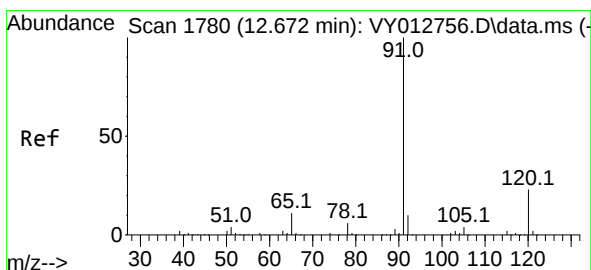
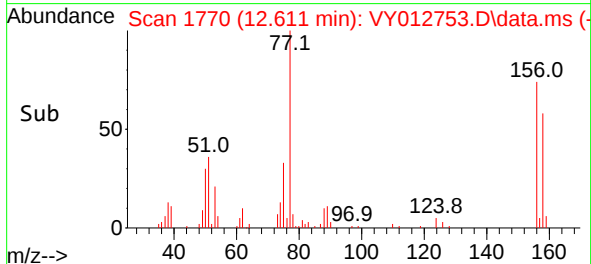
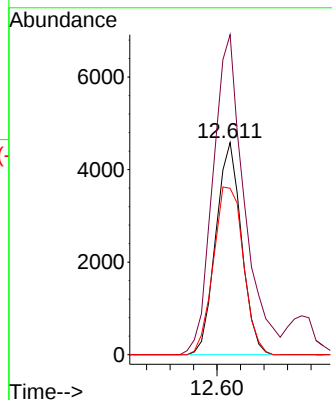
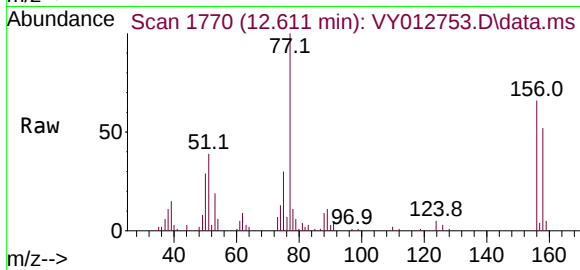
Tgt Ion:156 Resp: 6962

Ion Ratio Lower Upper

156 100

77 183.7 94.0 282.1

158 92.2 48.1 144.4



#78

n-propylbenzene

Concen: 4.650 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012753.D

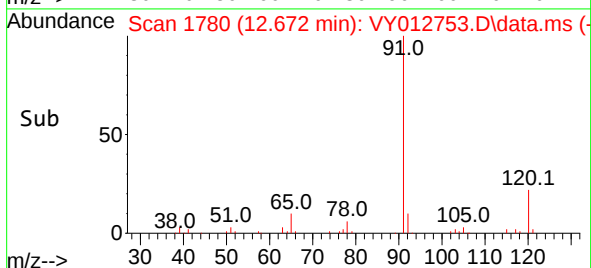
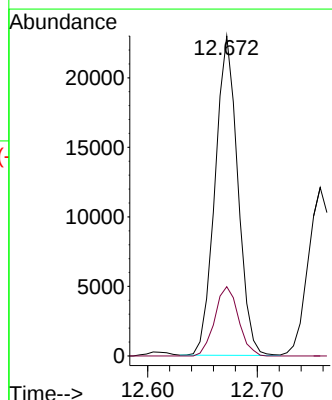
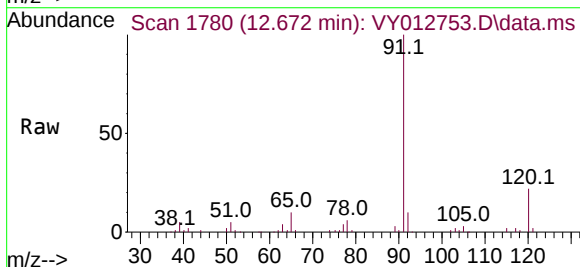
Acq: 02 Mar 2023 12:17

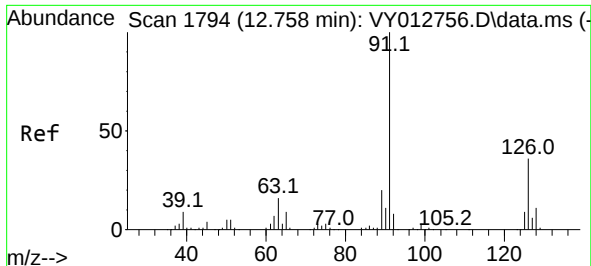
Tgt Ion: 91 Resp: 33050

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.679 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

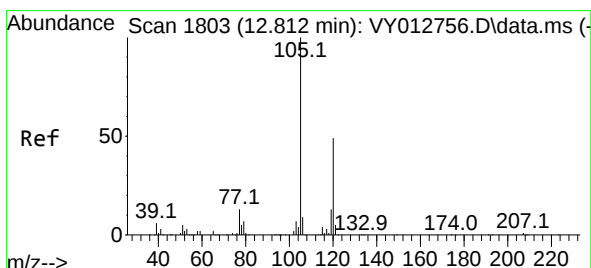
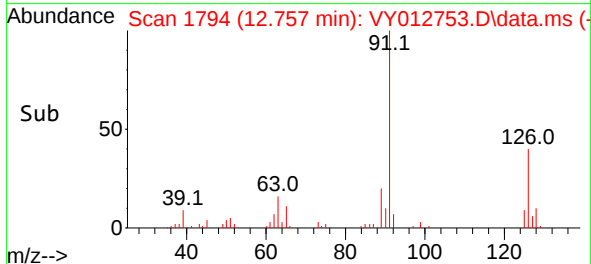
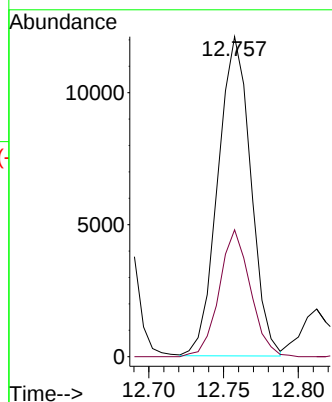
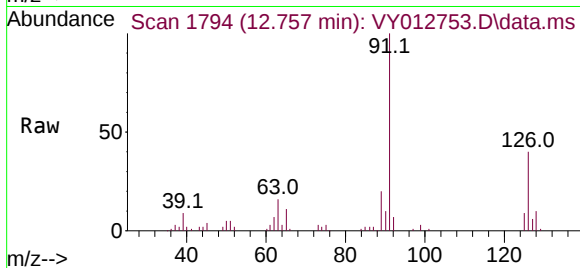
VSTDICC005

Tgt Ion: 91 Resp: 18483

Ion Ratio Lower Upper

91 100

126 37.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 4.583 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012753.D

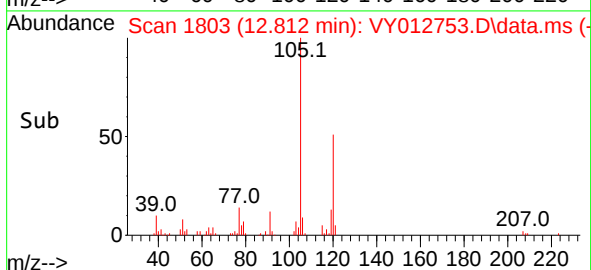
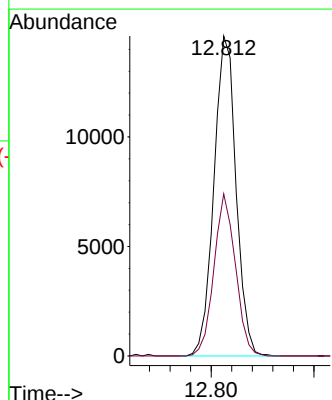
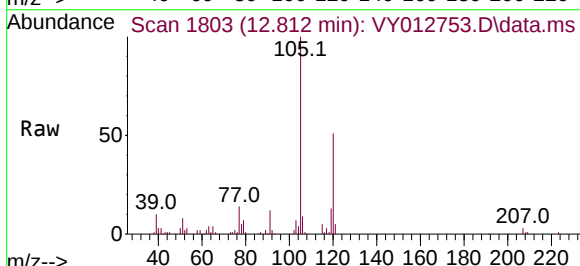
Acq: 02 Mar 2023 12:17

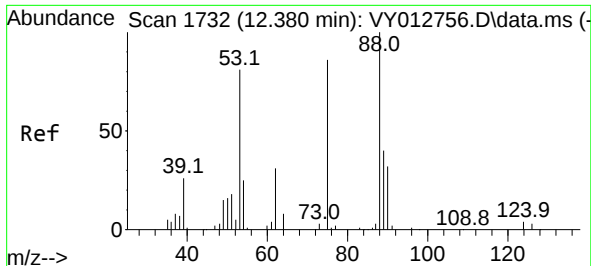
Tgt Ion: 105 Resp: 21804

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.4

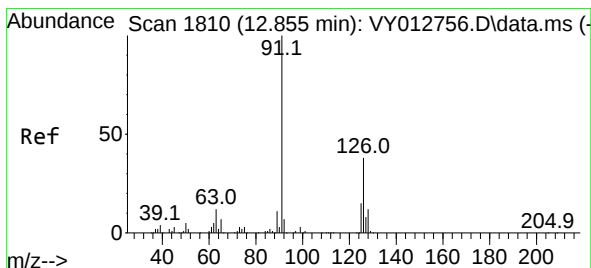
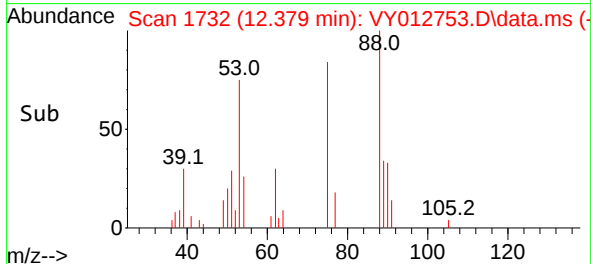
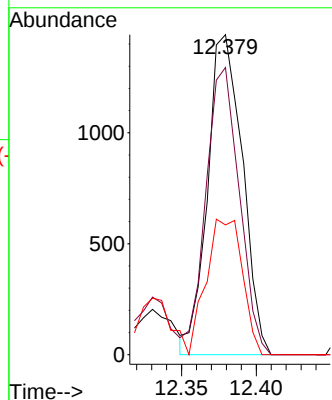
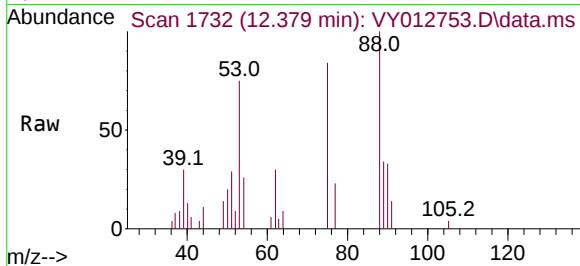




#81
trans-1,4-Dichloro-2-butene
Concen: 4.981 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

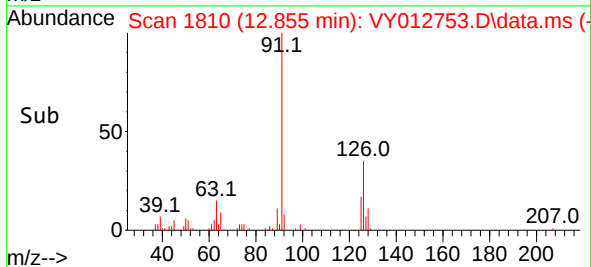
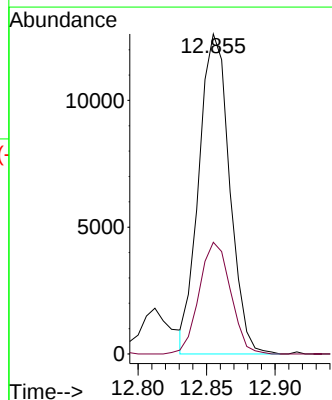
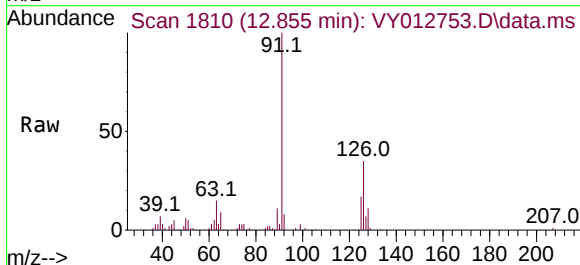
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

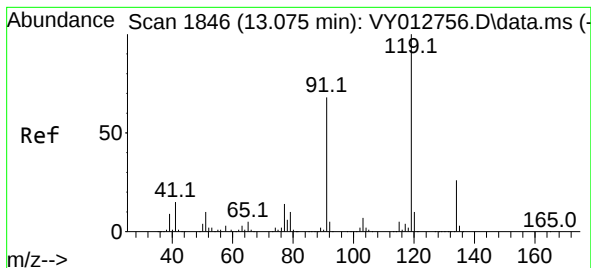
Tgt Ion:	75	Resp:	2335
Ion	Ratio	Lower	Upper
75	100		
53	86.2	73.4	110.0
89	44.0	36.6	55.0



#82
4-Chlorotoluene
Concen: 4.809 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion:	91	Resp:	19667
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.7	53.1





#83

tert-Butylbenzene

Concen: 4.612 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

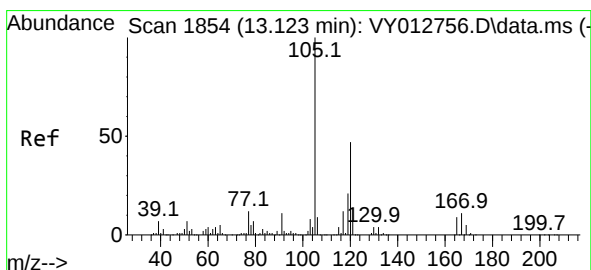
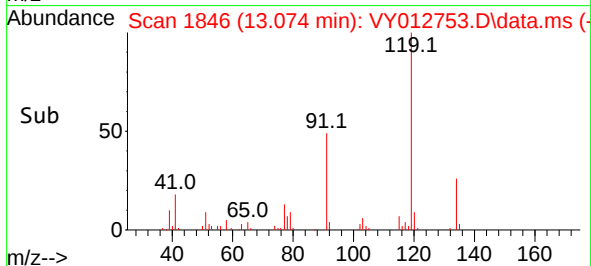
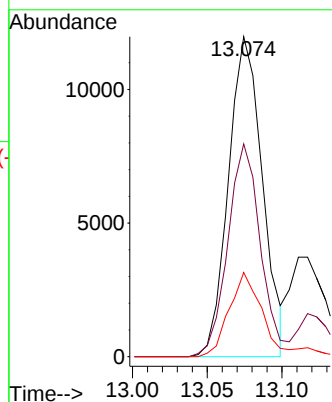
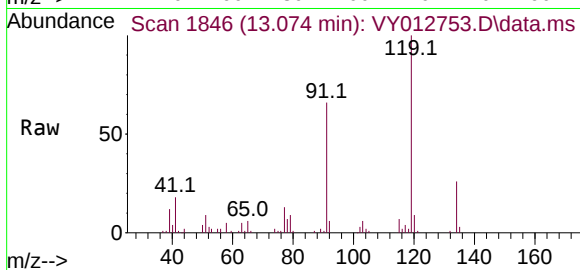
Tgt Ion:119 Resp: 18941

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.3

134 25.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 4.420 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012753.D

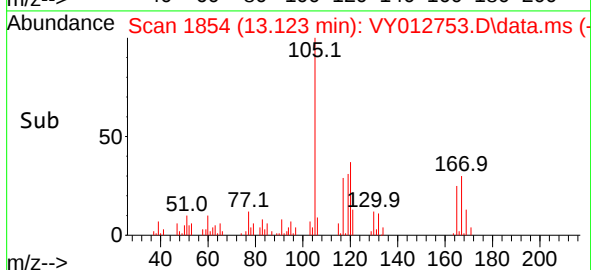
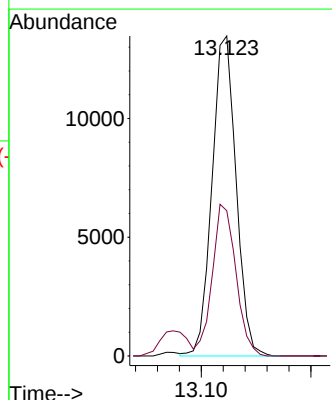
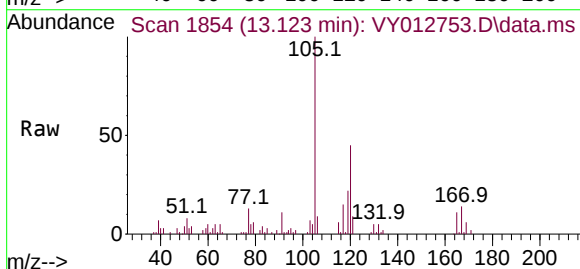
Acq: 02 Mar 2023 12:17

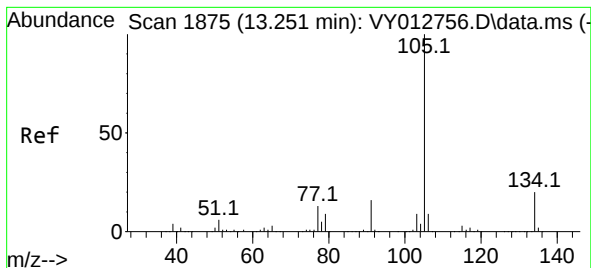
Tgt Ion:105 Resp: 20564

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.763 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

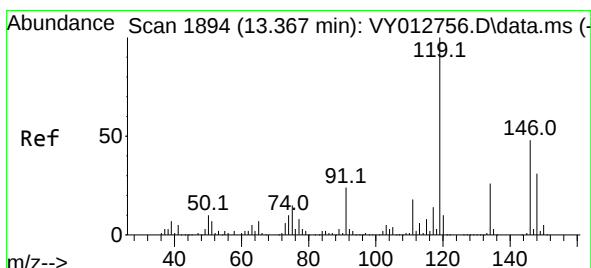
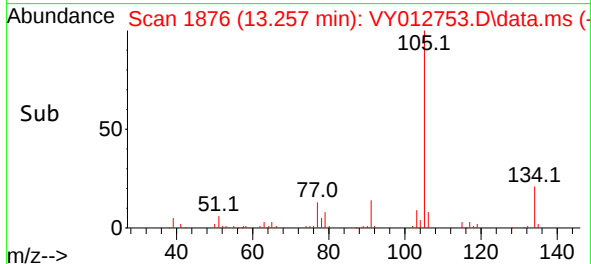
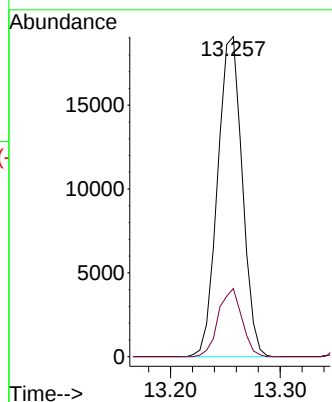
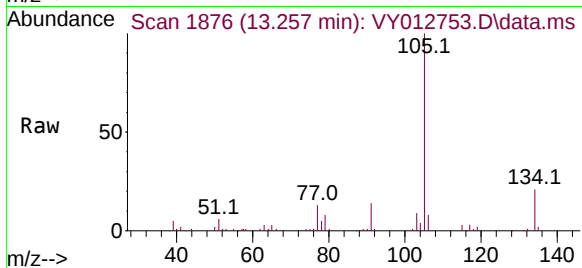
VSTDIC005

Tgt Ion:105 Resp: 29839

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 4.601 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

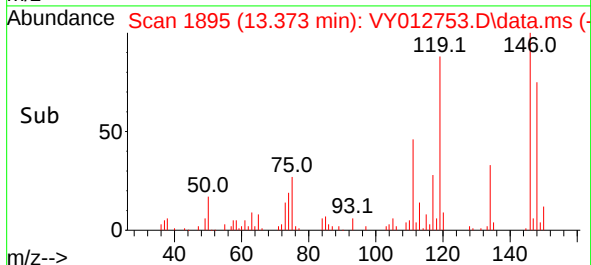
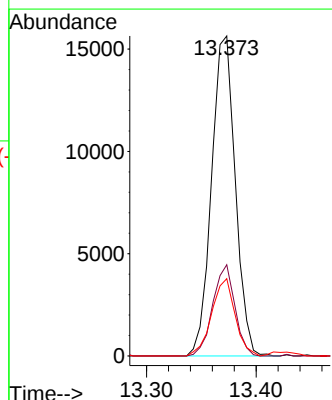
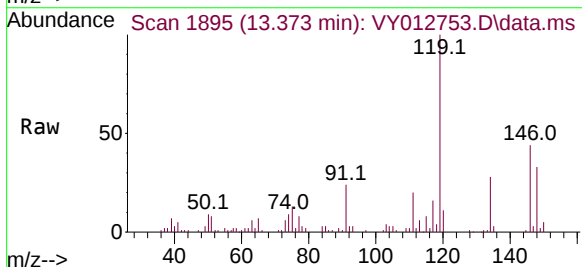
Tgt Ion:119 Resp: 23560

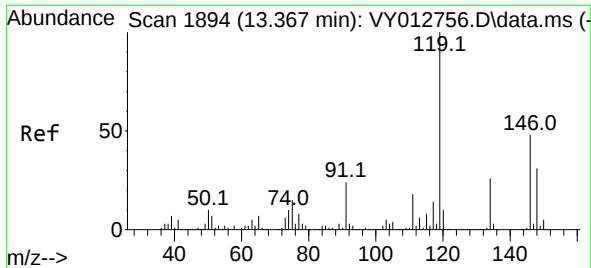
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.9 11.8 35.3

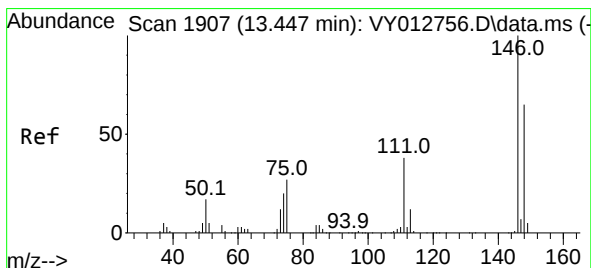
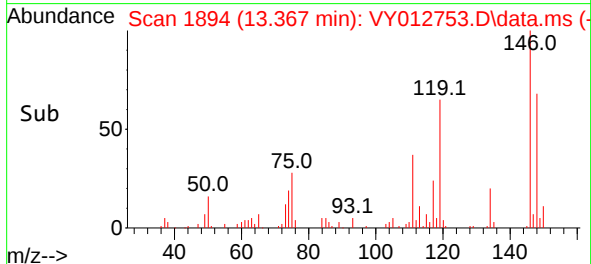
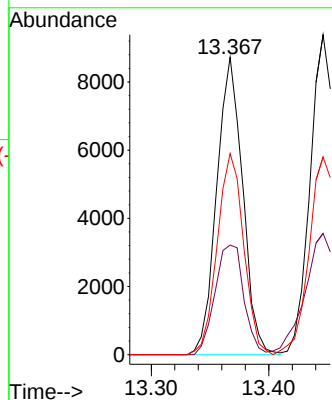
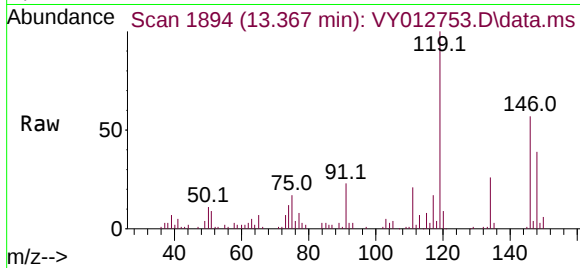




#87
 1,3-Dichlorobenzene
 Concen: 4.956 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

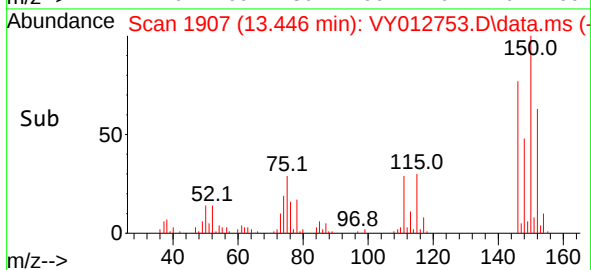
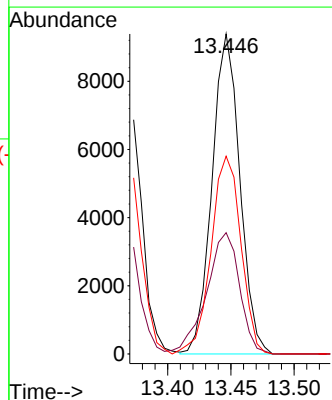
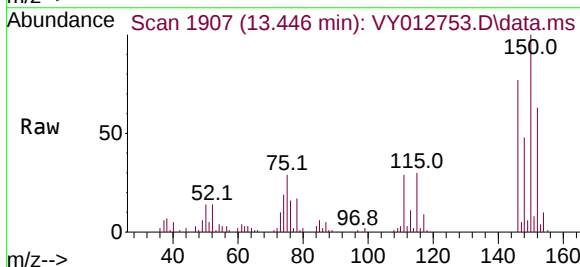
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

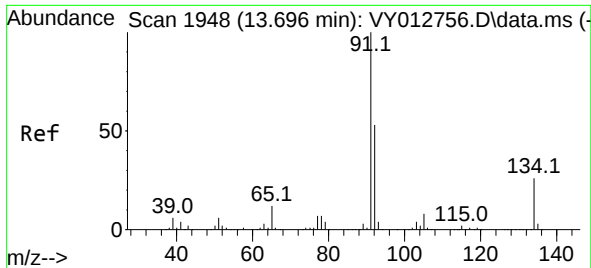
Tgt Ion:146 Resp: 13387
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.5
 148 68.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.205 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY012753.D
 Acq: 02 Mar 2023 12:17

Tgt Ion:146 Resp: 14349
 Ion Ratio Lower Upper
 146 100
 111 45.3 18.6 55.8
 148 66.3 31.5 94.5

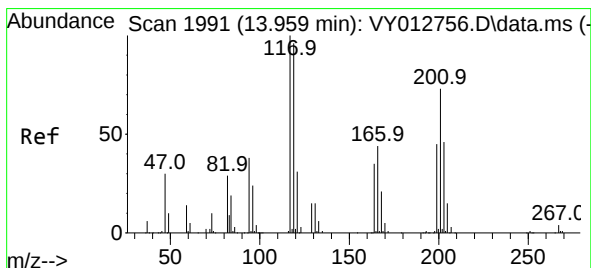
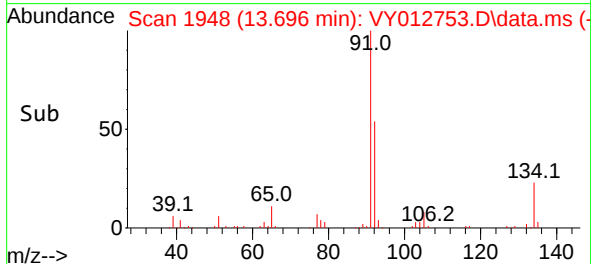
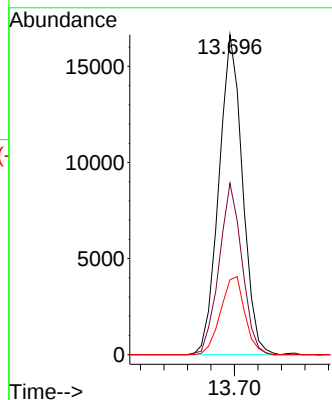
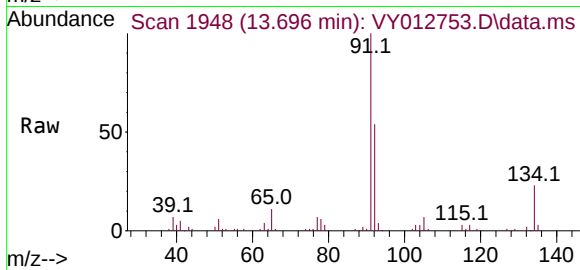




#89
n-Butylbenzene
Concen: 4.741 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

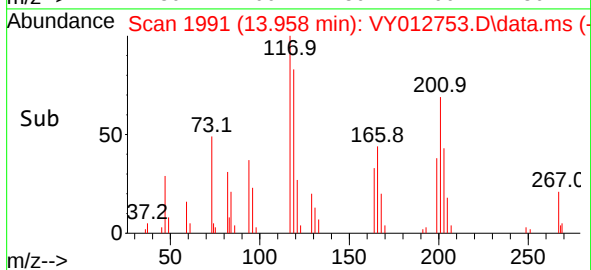
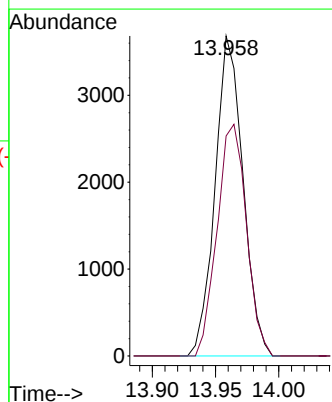
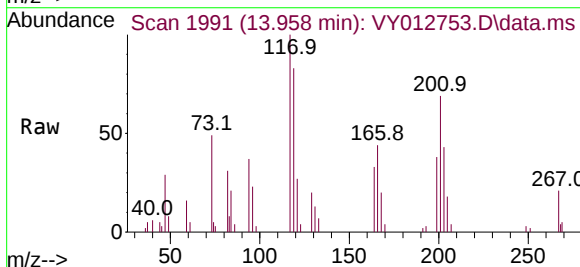
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

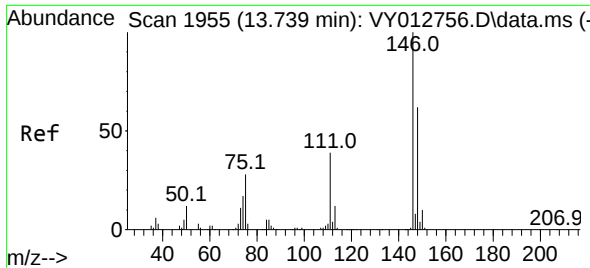
Tgt Ion: 91 Resp: 23238
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.1 13.0 38.9



#90
Hexachloroethane
Concen: 5.293 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 117 Resp: 5645
Ion Ratio Lower Upper
117 100
201 76.1 39.4 118.1

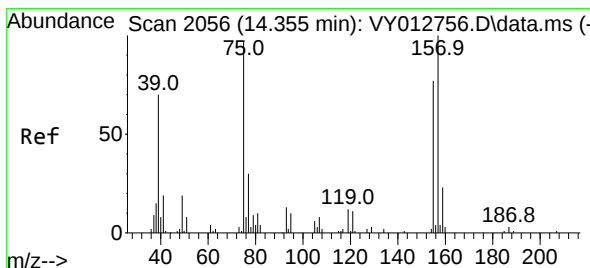
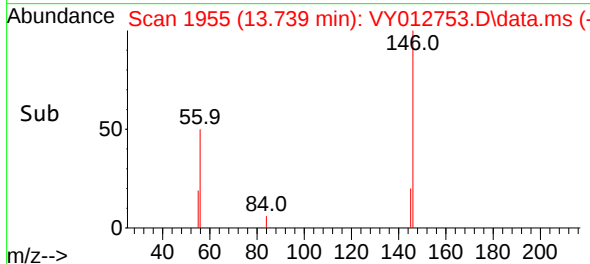
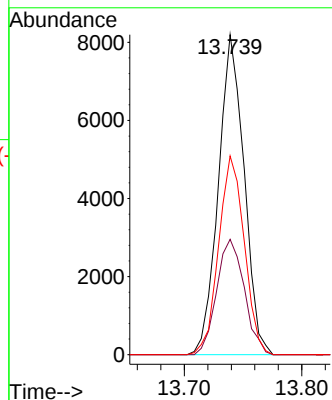
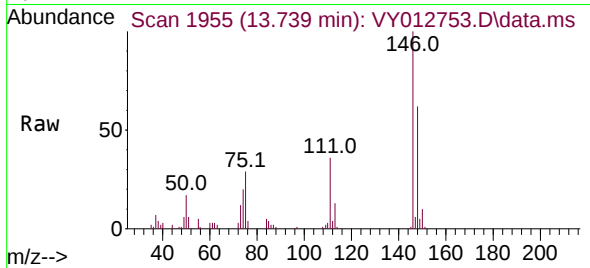




#91
1,2-Dichlorobenzene
Concen: 5.098 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

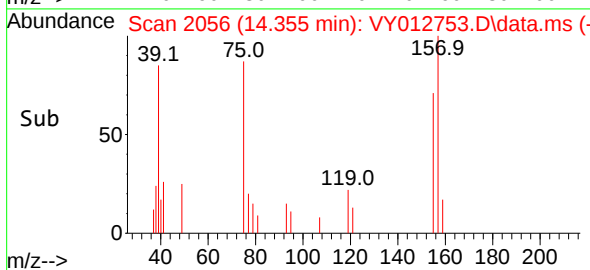
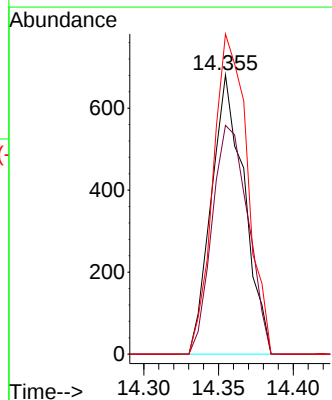
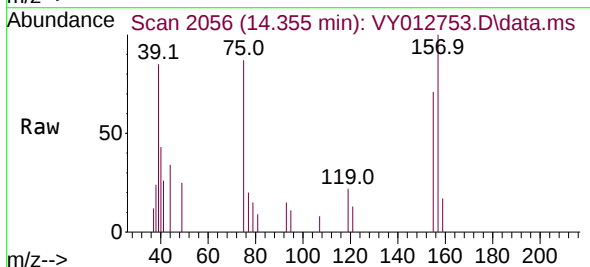
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

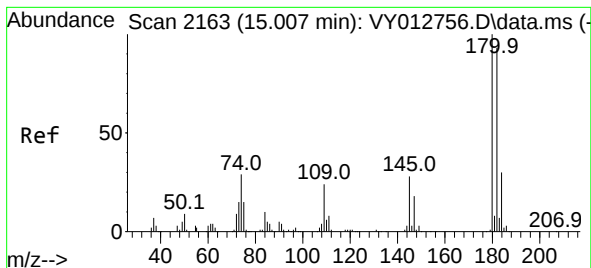
Tgt Ion:146	Resp:	12449
Ion	Ratio	Lower Upper
146	100	
111	38.7	19.7 59.1
148	62.0	31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.961 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012753.D
Acq: 02 Mar 2023 12:17

Tgt Ion: 75	Resp:	1039
Ion	Ratio	Lower Upper
75	100	
155	89.6	43.8 131.4
157	119.6	54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.780 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

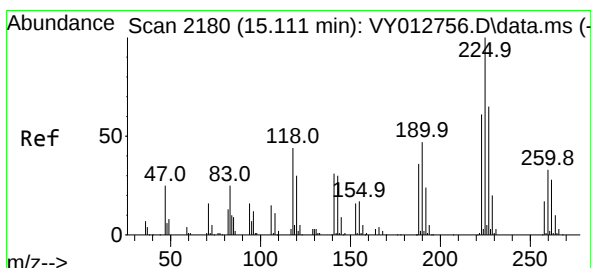
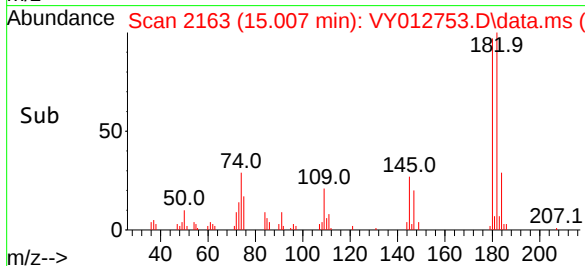
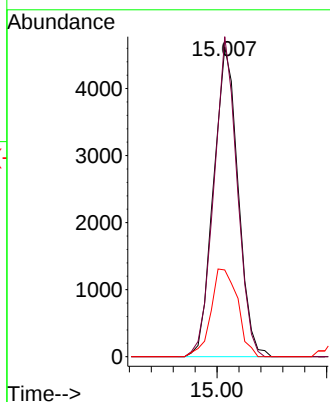
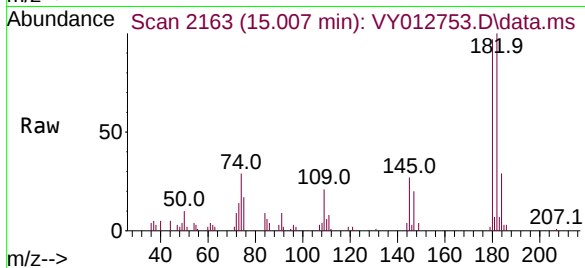
Tgt Ion:180 Resp: 7187

Ion Ratio Lower Upper

180 100

182 97.4 46.7 140.1

145 30.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.404 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

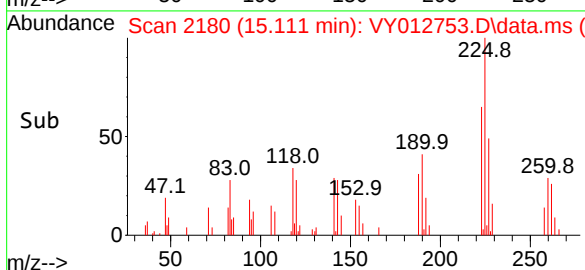
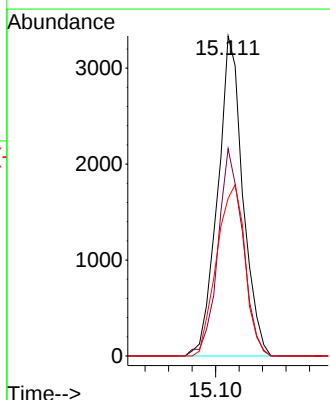
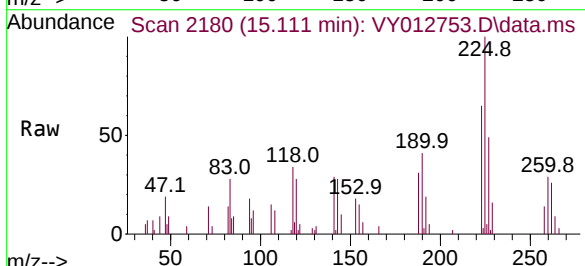
Tgt Ion:225 Resp: 4955

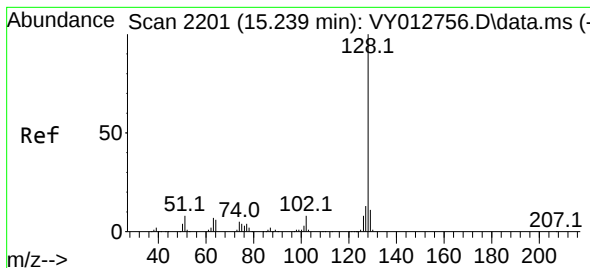
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.3

227 60.4 32.4 97.0





#95

Naphthalene

Concen: 4.324 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

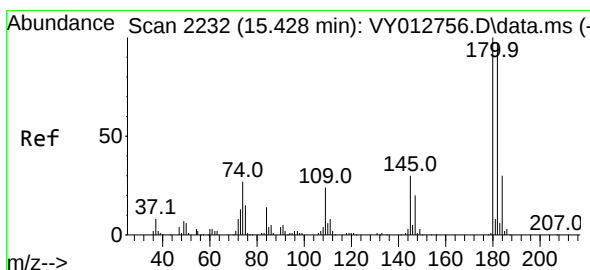
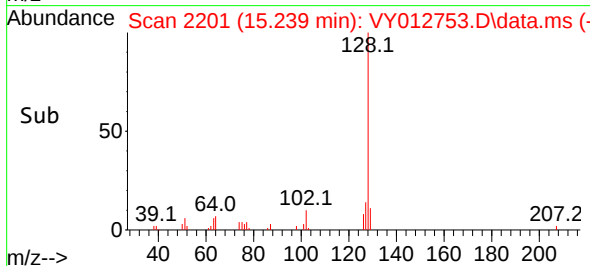
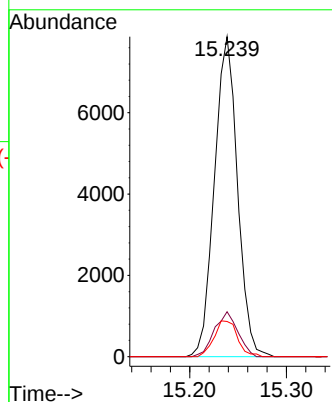
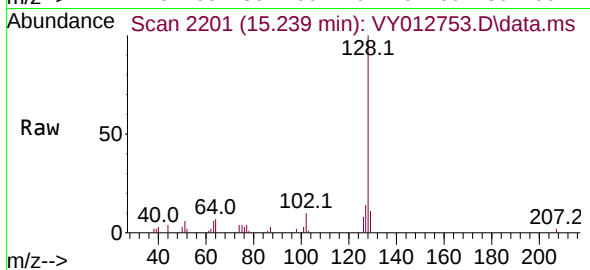
Tgt Ion:128 Resp: 13026

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.858 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012753.D

Acq: 02 Mar 2023 12:17

Tgt Ion:180 Resp: 6495

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 29.3 15.3 45.8

