

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011453.D
 Acq On : 15 Nov 2022 13:20
 Operator : KP/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 15 15:01:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	272819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	425378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	383716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103915	45.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.900%
35) Dibromofluoromethane	7.722	113	114295	47.944	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.185	98	411445	45.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.483	95	154020	48.487	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	43082	23.957	ug/l	100
3) Chloromethane	2.119	50	42887	19.559	ug/l	96
4) Vinyl Chloride	2.253	62	51477	19.916	ug/l	100
5) Bromomethane	2.643	94	37223	19.888	ug/l	97
6) Chloroethane	2.789	64	34419	20.054	ug/l	99
7) Trichlorofluoromethane	3.131	101	82209	20.158	ug/l	92
8) Diethyl Ether	3.533	74	27181	18.980	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	48877	19.769	ug/l	95
10) Methyl Iodide	4.094	142	59760	18.123	ug/l	91
11) Tert butyl alcohol	4.948	59	38106	119.777	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	46546	19.014	ug/l #	77
13) Acrolein	3.728	56	10847	143.977	ug/l	99
14) Allyl chloride	4.478	41	60097	18.192	ug/l #	82
15) Acrylonitrile	5.161	53	66837	97.677	ug/l	95
16) Acetone	3.948	43	58366	96.750	ug/l #	80
17) Carbon Disulfide	4.198	76	128054	17.562	ug/l	100
18) Methyl Acetate	4.478	43	34629	20.022	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	122217	19.090	ug/l	94
20) Methylene Chloride	4.716	84	95495	25.441	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	52437	18.787	ug/l #	82
22) Diisopropyl ether	6.124	45	134017	19.008	ug/l #	89
23) Vinyl Acetate	6.063	43	385911	93.561	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	88101	19.189	ug/l	98
25) 2-Butanone	6.990	43	82359	95.843	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	83600	19.470	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	60959	19.406	ug/l	83
28) Bromochloromethane	7.337	49	30885	18.523	ug/l #	64
29) Tetrahydrofuran	7.350	42	49585	95.259	ug/l #	76
30) Chloroform	7.508	83	94869	19.537	ug/l	98
31) Cyclohexane	7.789	56	74760	18.199	ug/l #	78
32) 1,1,1-Trichloroethane	7.703	97	85982	19.578	ug/l #	93
36) 1,1-Dichloropropene	7.923	75	71650	19.365	ug/l	97
37) Ethyl Acetate	7.075	43	34528	19.427	ug/l #	89
38) Carbon Tetrachloride	7.898	117	80215	19.931	ug/l	98
39) Methylcyclohexane	9.185	83	85441	18.899	ug/l	89
40) Benzene	8.160	78	214730	19.434	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	45014	48.910	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	56442	19.493	ug/l	89
43) Isopropyl Acetate	8.276	43	59709	18.622	ug/l #	82
44) Trichloroethene	8.941	130	60412	19.464	ug/l	100
45) 1,2-Dichloropropane	9.215	63	50778	19.310	ug/l	99
46) Dibromomethane	9.307	93	30150	19.692	ug/l	97
47) Bromodichloromethane	9.502	83	72128	19.663	ug/l	98
48) Methyl methacrylate	9.294	41	27660	19.196	ug/l #	73
49) 1,4-Dioxane	9.301	88	8106	387.808	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	165759	96.136	ug/l #	82
52) Toluene	10.245	92	138341	19.607	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	73497	19.431	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	83918	19.223	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	43947	19.821	ug/l	97
56) Ethyl methacrylate	10.508	69	54299	19.045	ug/l #	69
57) 1,3-Dichloropropane	10.794	76	73834	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	127569	96.795	ug/l	90
59) 2-Hexanone	10.837	43	118655	97.142	ug/l	79
60) Dibromochloromethane	10.989	129	54414	19.883	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42200	19.796	ug/l	100
64) Tetrachloroethene	10.721	164	60027	19.571	ug/l	97
65) Chlorobenzene	11.520	112	150365	19.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57276	19.933	ug/l	98
67) Ethyl Benzene	11.593	91	259538	19.340	ug/l	97
68) m/p-Xylenes	11.703	106	207690	39.476	ug/l	93
69) o-Xylene	12.032	106	97640	19.677	ug/l	91
70) Styrene	12.044	104	164459	19.715	ug/l	95
71) Bromoform	12.209	173	36229	20.342	ug/l #	98
73) Isopropylbenzene	12.330	105	261242	19.339	ug/l	100
74) N-amyl acetate	12.141	43	50858	17.895	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.580	83	51579	19.873	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	66193	29.259	ug/l #	100
77) Bromobenzene	12.611	156	63350	19.611	ug/l	92
78) n-propylbenzene	12.672	91	314200	19.494	ug/l	97
79) 2-Chlorotoluene	12.757	91	178546	19.369	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	225713	19.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17609	18.710	ug/l #	81
82) 4-Chlorotoluene	12.855	91	184218	19.251	ug/l	97
83) tert-Butylbenzene	13.074	119	190109	19.299	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	220963	19.758	ug/l	98
85) sec-Butylbenzene	13.251	105	285136	19.664	ug/l	99
86) p-Isopropyltoluene	13.367	119	242332	19.938	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	127069	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125492	19.679	ug/l	99
89) n-Butylbenzene	13.696	91	216177	19.794	ug/l	99
90) Hexachloroethane	13.958	117	46768	19.666	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	114196	19.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8062	19.065	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	65894	19.541	ug/l	98
94) Hexachlorobutadiene	15.110	225	41670	20.916	ug/l	100
95) Naphthalene	15.238	128	124370	18.993	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	57510	19.749	ug/l	98

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MSVOA_Y
ClientSampleId :
VY1115SBSD01

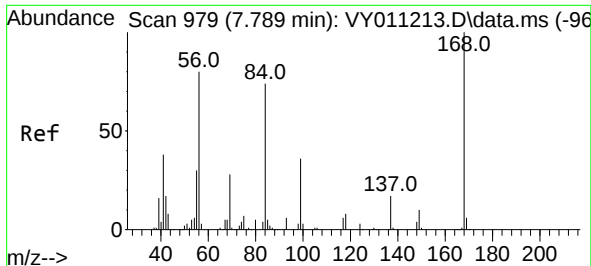
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Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

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

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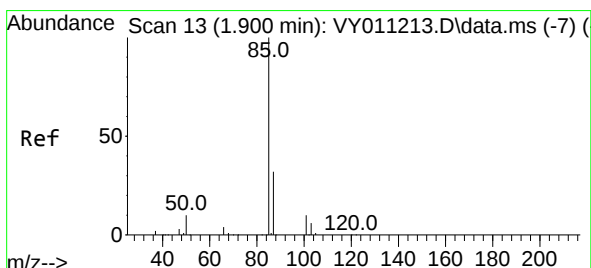
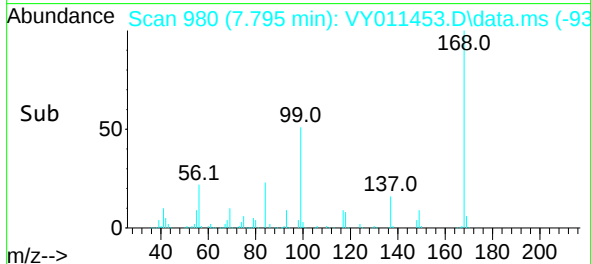
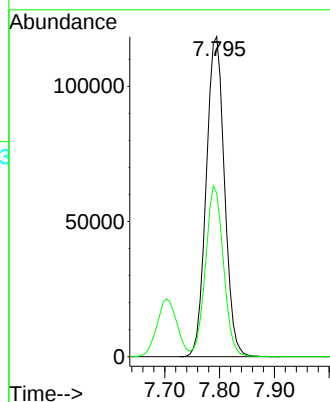
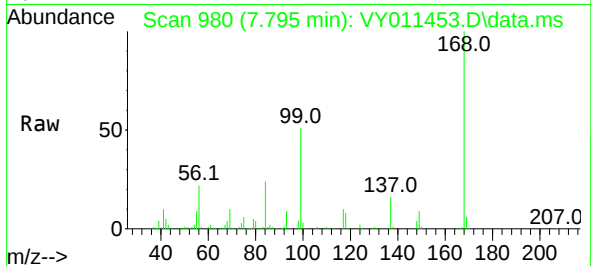




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

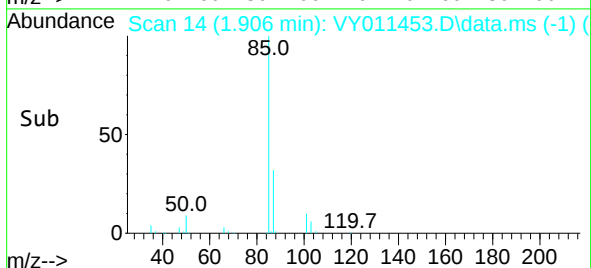
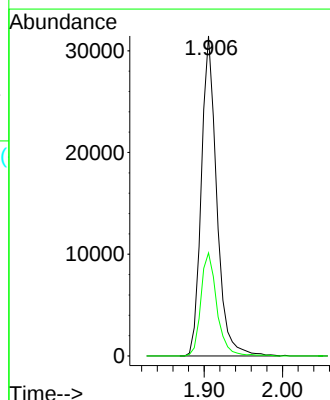
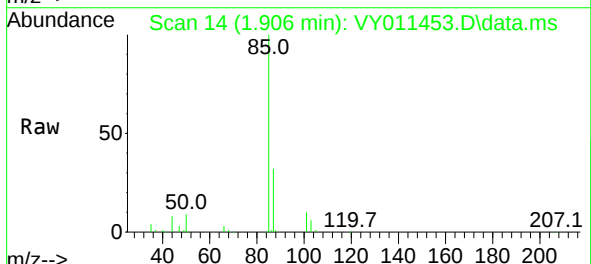
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

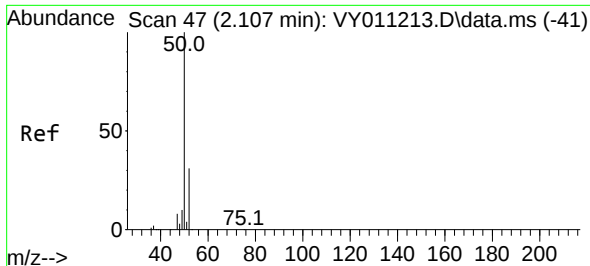
Tgt Ion:168 Resp: 272819
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 23.957 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 85 Resp: 43082
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

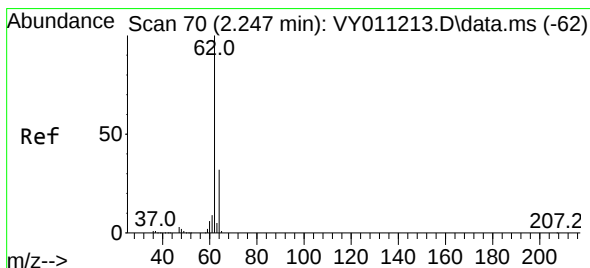
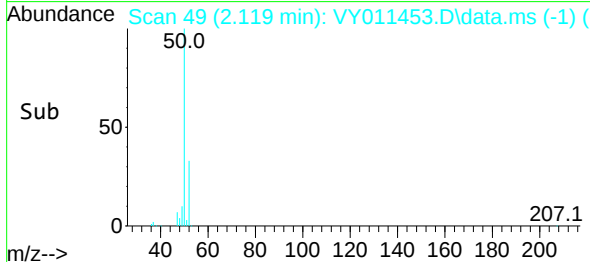
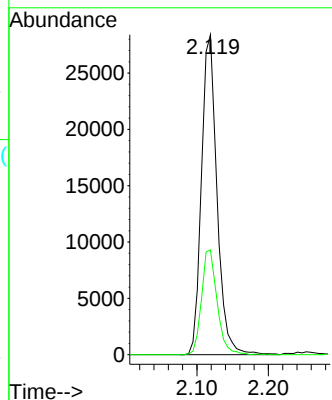
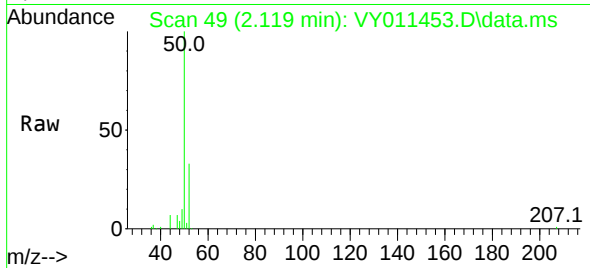




#3
Chloromethane
Concen: 19.559 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

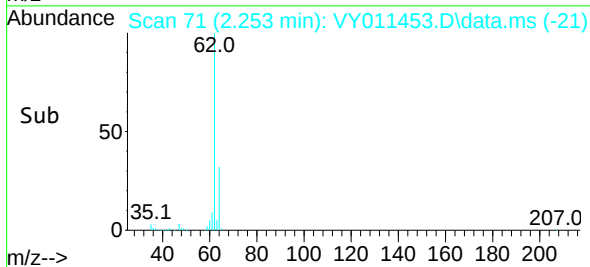
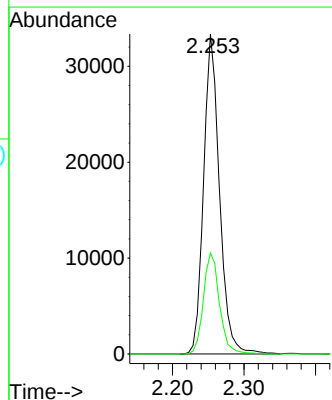
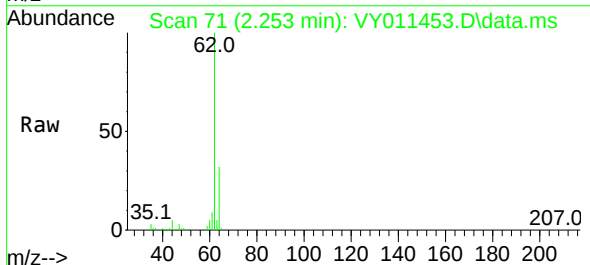
Instrument :
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ClientSampleId :
VY1115SBS01

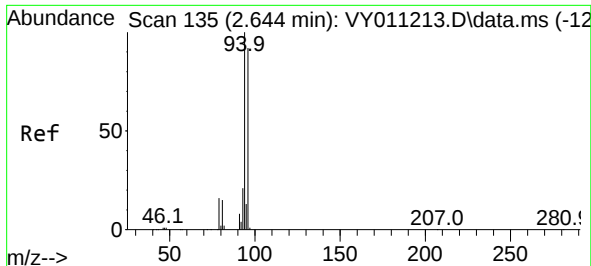
Tgt Ion: 50 Resp: 42887
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 19.916 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 62 Resp: 51477
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

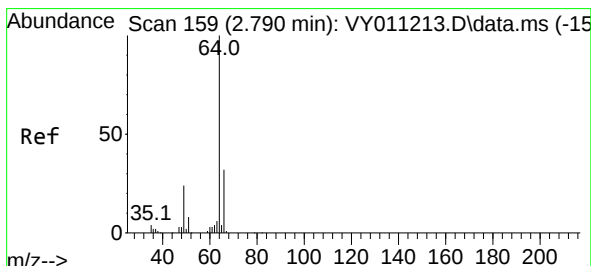
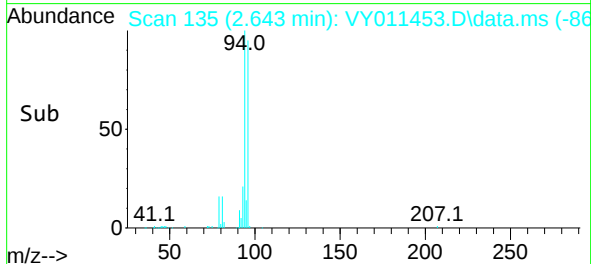
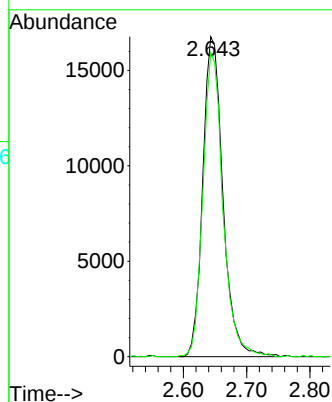
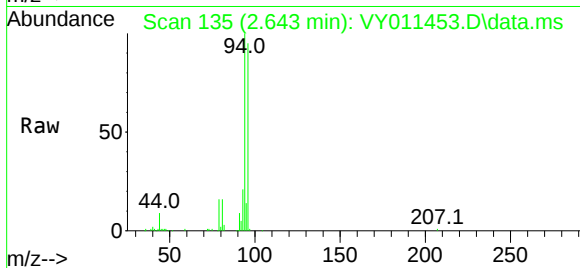




#5
Bromomethane
Concen: 19.888 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

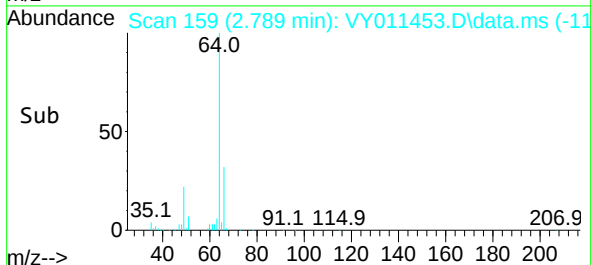
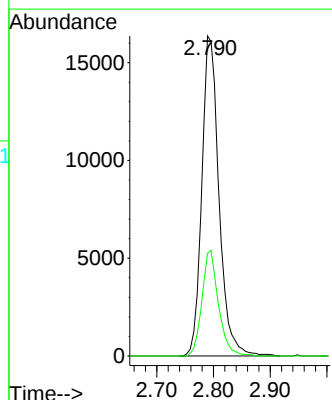
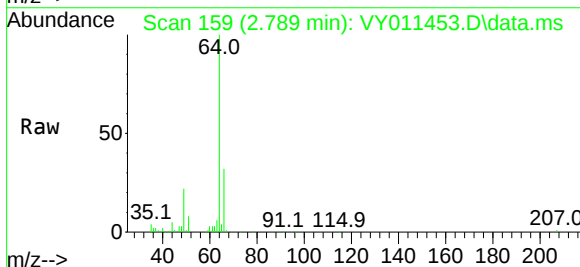
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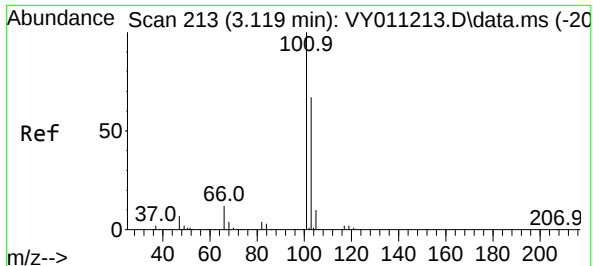
Tgt Ion: 94 Resp: 37223
Ion Ratio Lower Upper
94 100
96 95.0 73.5 110.3



#6
Chloroethane
Concen: 20.054 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 64 Resp: 34419
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

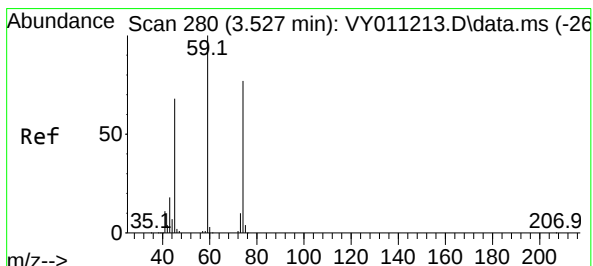
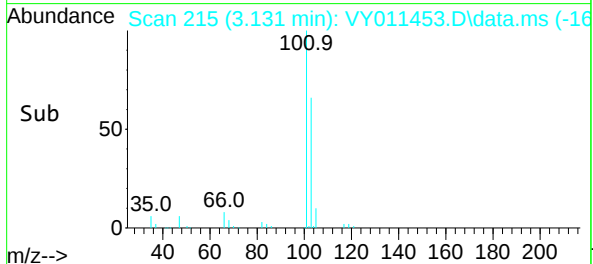
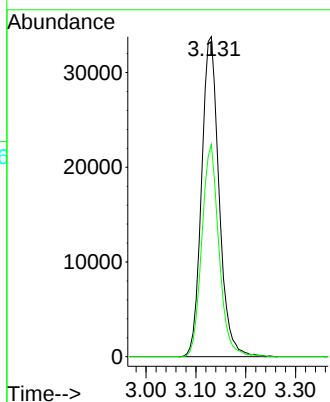
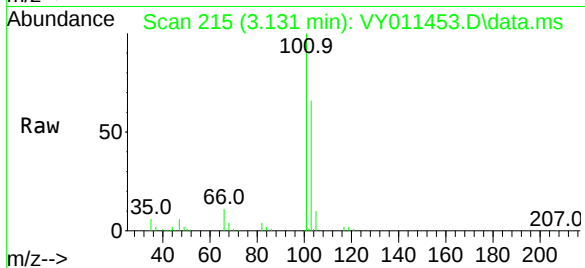




#7
Trichlorofluoromethane
Concen: 20.158 ug/l
RT: 3.131 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

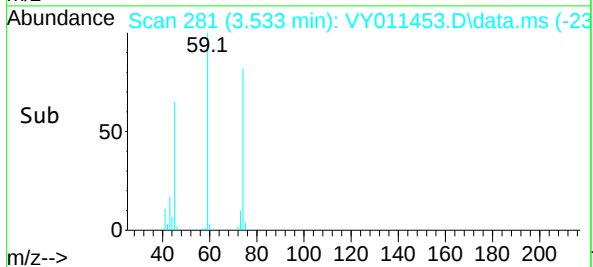
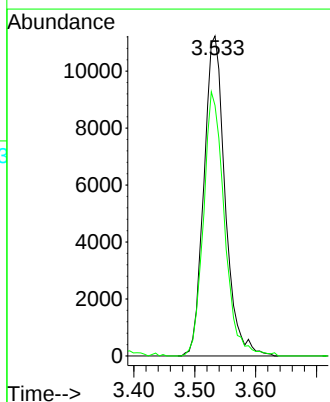
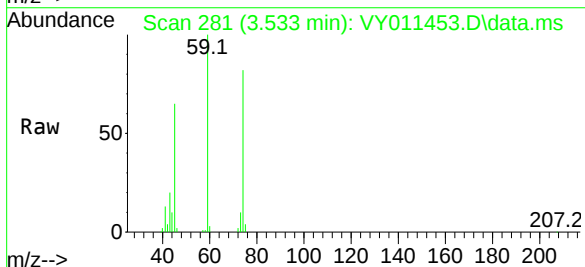
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

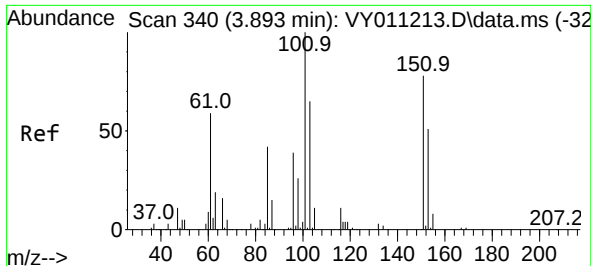
Tgt Ion:101 Resp: 82209
Ion Ratio Lower Upper
101 100
103 66.3 48.0 72.0



#8
Diethyl Ether
Concen: 18.980 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 74 Resp: 27181
Ion Ratio Lower Upper
74 100
45 81.5 55.1 165.5

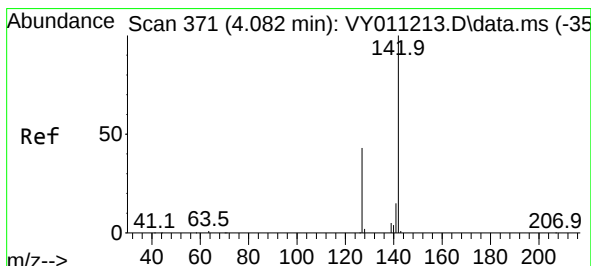
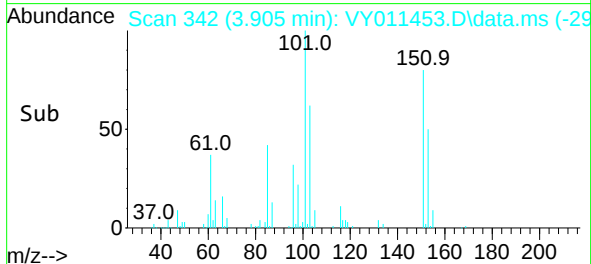
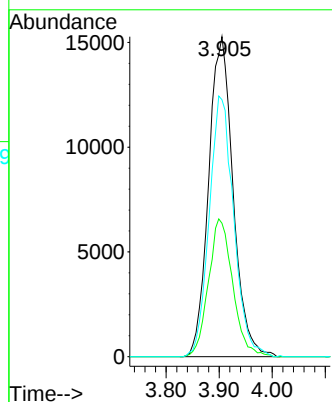
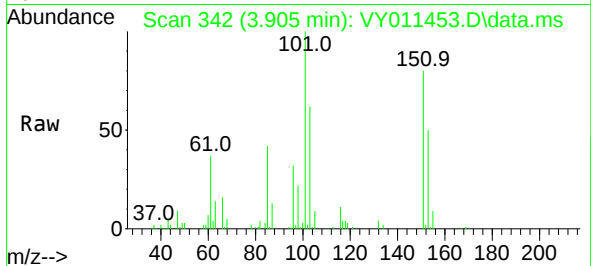




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.769 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

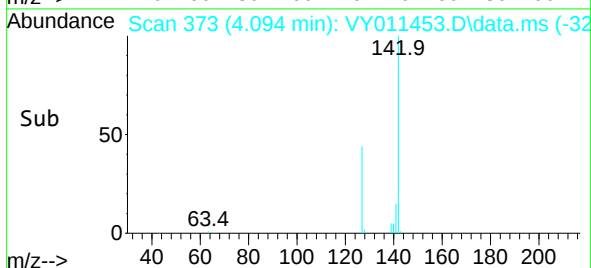
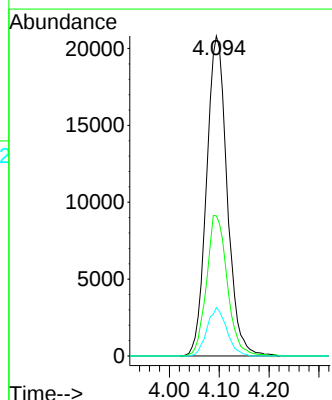
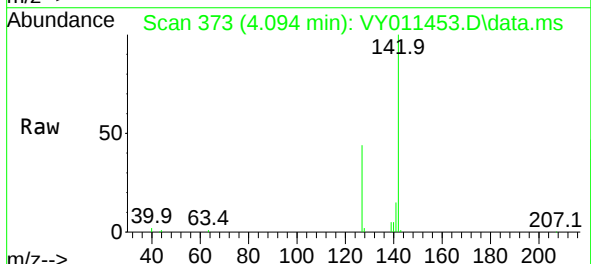
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

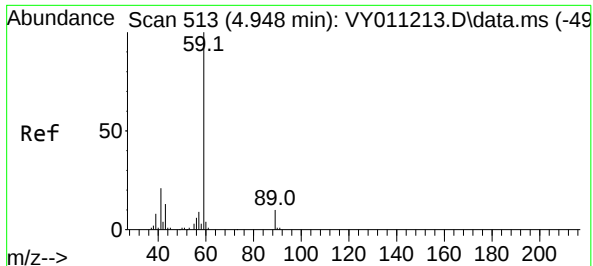
Tgt Ion:101 Resp: 48877
Ion Ratio Lower Upper
101 100
85 42.7 40.6 60.8
151 81.8 64.9 97.3



#10
Methyl Iodide
Concen: 18.123 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion:142 Resp: 59760
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.5 11.9 17.9

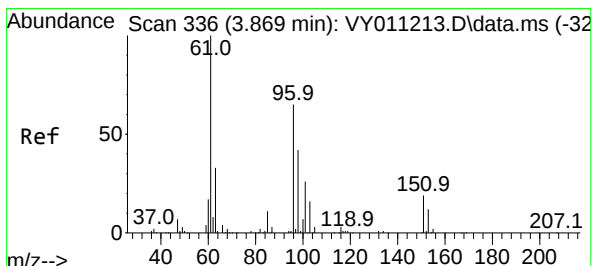
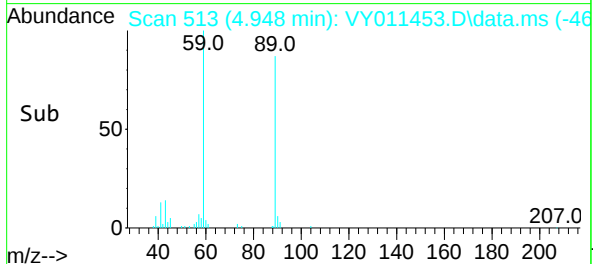
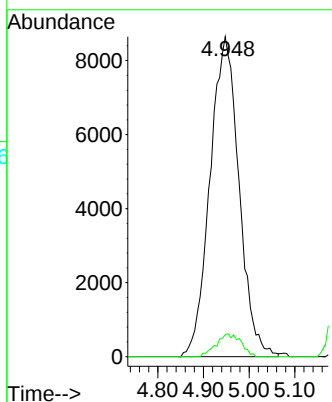
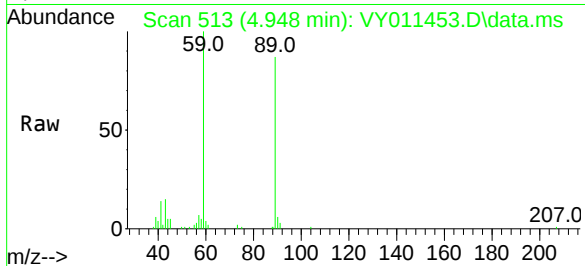




#11
Tert butyl alcohol
Concen: 119.777 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

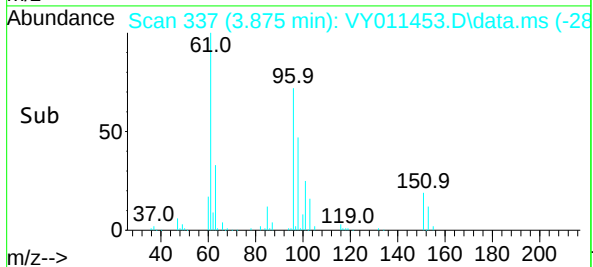
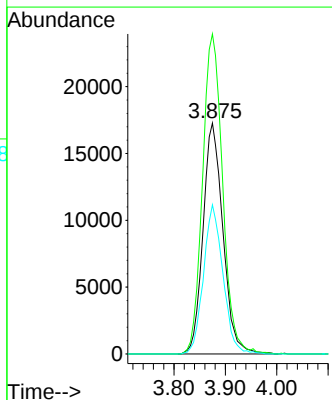
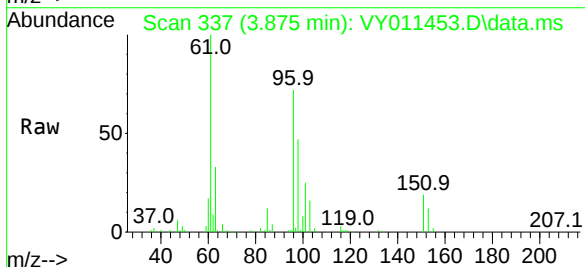
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

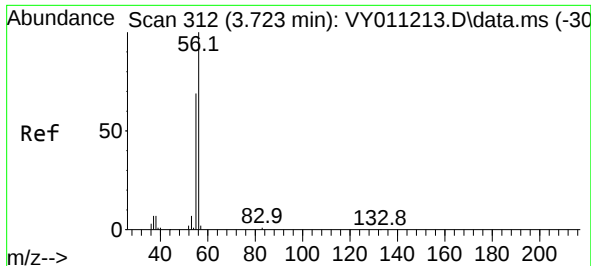
Tgt Ion: 59 Resp: 38106
Ion Ratio Lower Upper
59 100
57 6.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 19.014 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 96 Resp: 46546
Ion Ratio Lower Upper
96 100
61 138.6 145.8 218.6#
98 64.6 52.5 78.7





#13

Acrolein

Concen: 143.977 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

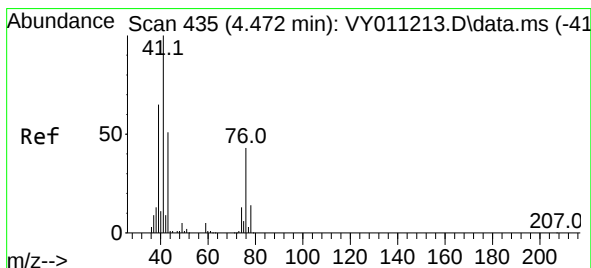
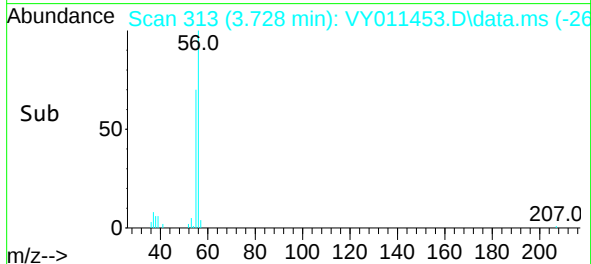
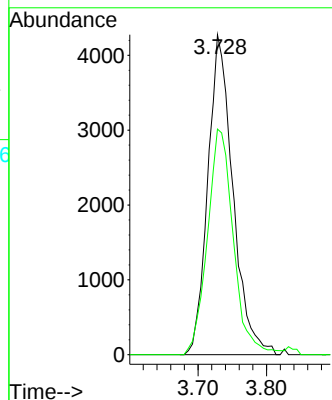
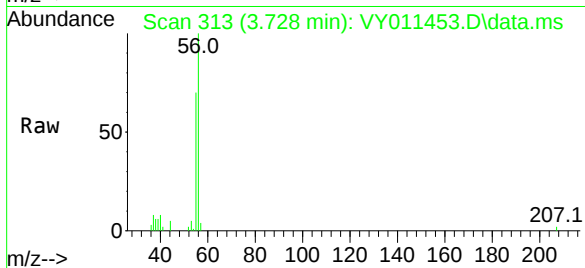
VY1115SBS01

Tgt Ion: 56 Resp: 10847

Ion Ratio Lower Upper

56 100

55 72.9 57.6 86.4



#14

Allyl chloride

Concen: 18.192 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.005 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

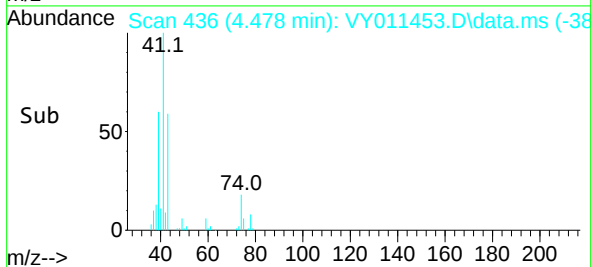
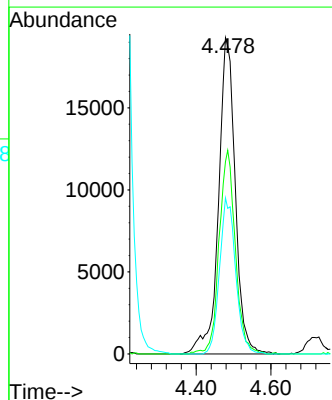
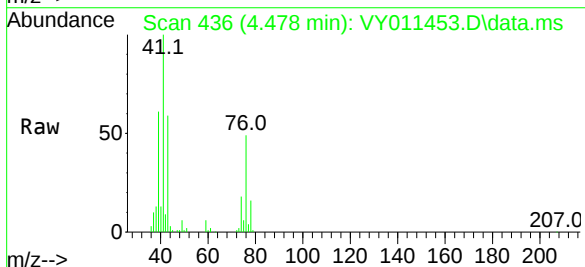
Tgt Ion: 41 Resp: 60097

Ion Ratio Lower Upper

41 100

39 62.2 58.8 88.2

76 47.3 25.1 37.7#

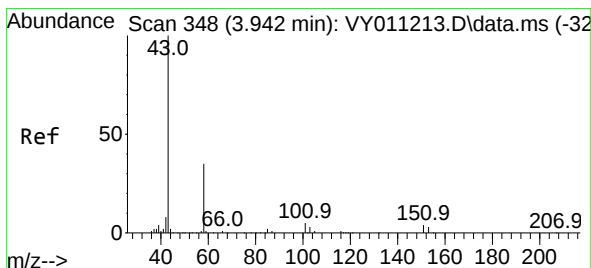
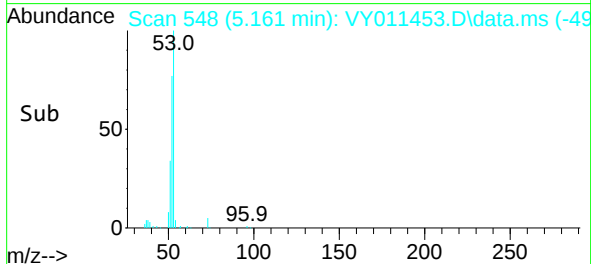
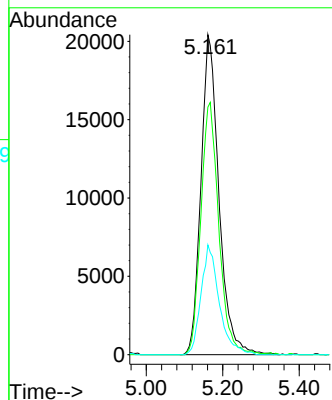
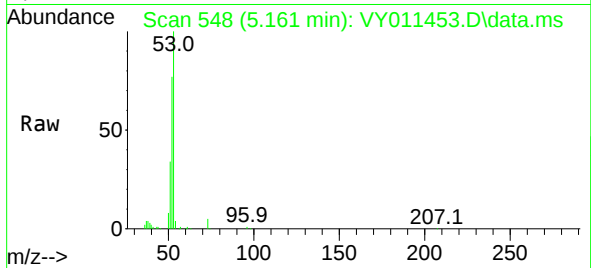




#15
Acrylonitrile
Concen: 97.677 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

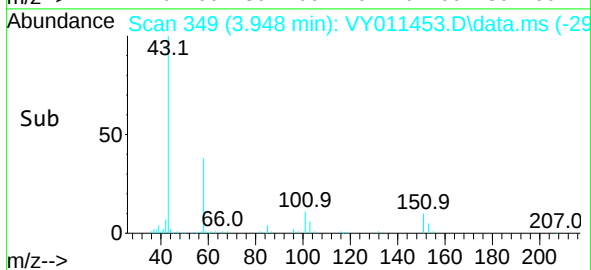
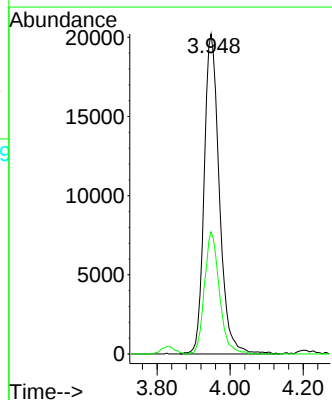
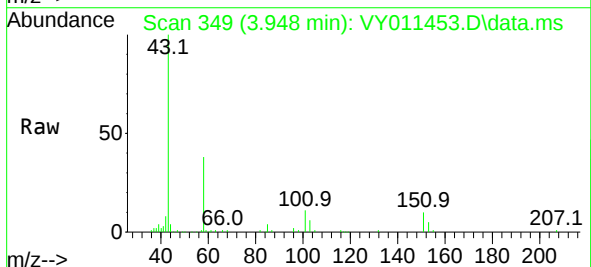
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

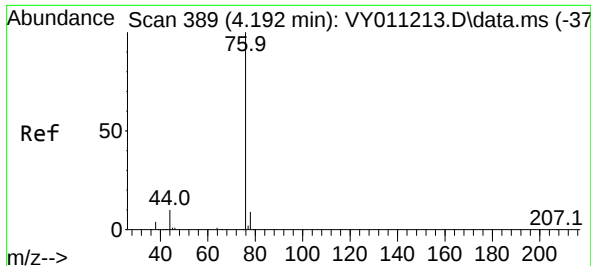
Tgt Ion: 53 Resp: 66837
Ion Ratio Lower Upper
53 100
52 78.6 67.0 100.4
51 34.6 29.8 44.6



#16
Acetone
Concen: 96.750 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 43 Resp: 58366
Ion Ratio Lower Upper
43 100
58 38.2 22.0 33.0#

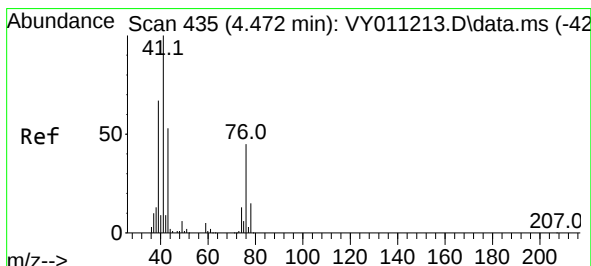
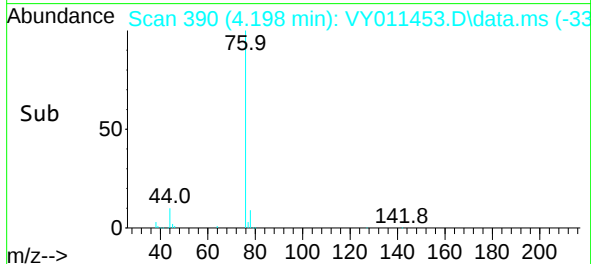
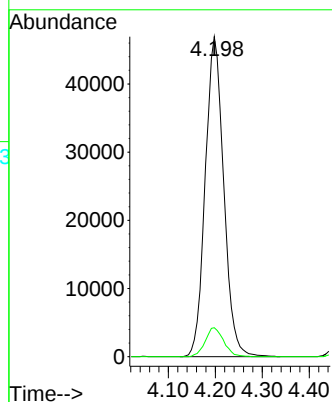
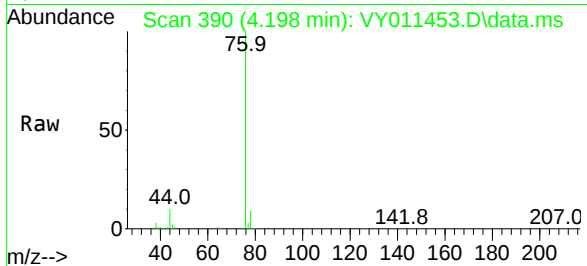




#17
Carbon Disulfide
Concen: 17.562 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

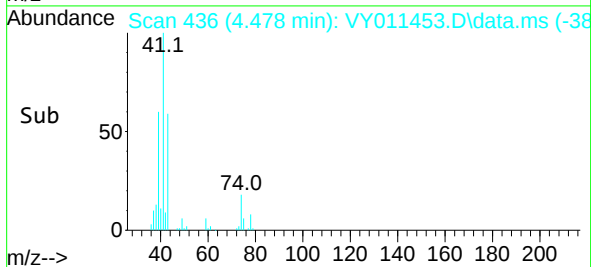
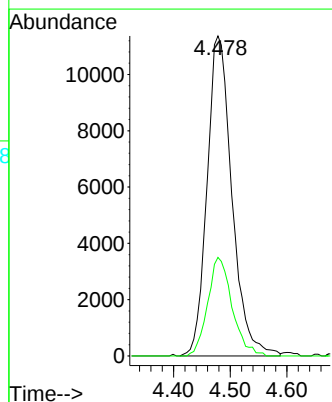
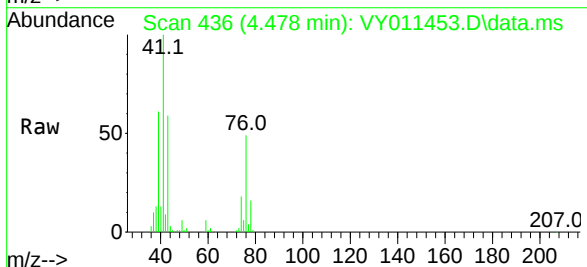
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

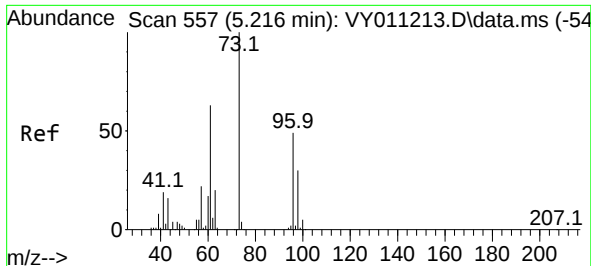
Tgt Ion: 76 Resp: 128054
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.022 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 43 Resp: 34629
Ion Ratio Lower Upper
43 100
74 30.2 16.6 24.8#

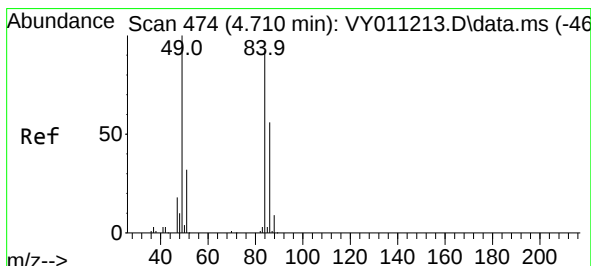
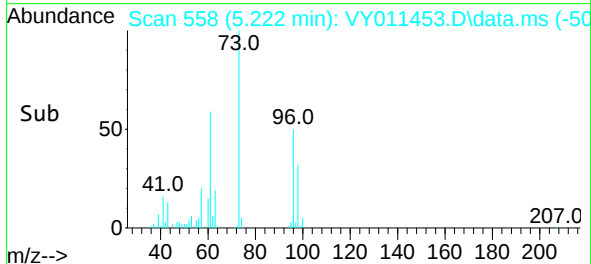
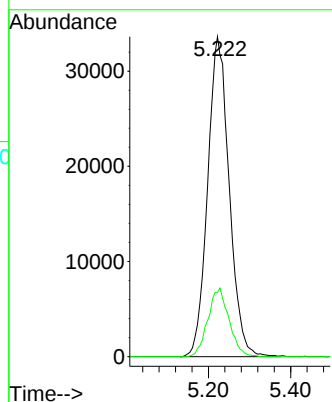
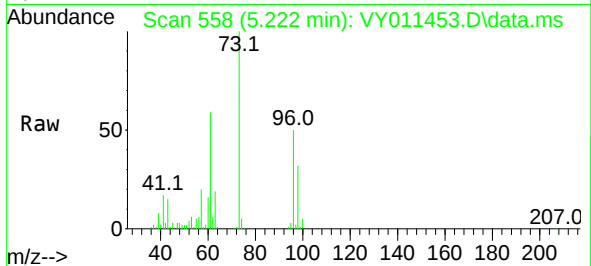




#19
Methyl tert-butyl Ether
Concen: 19.090 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

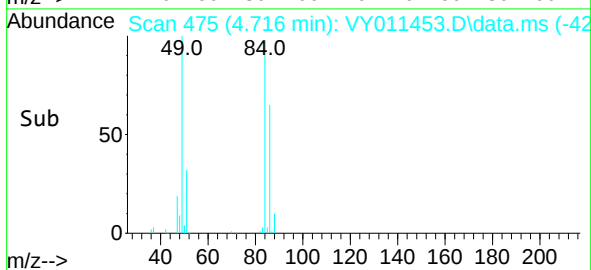
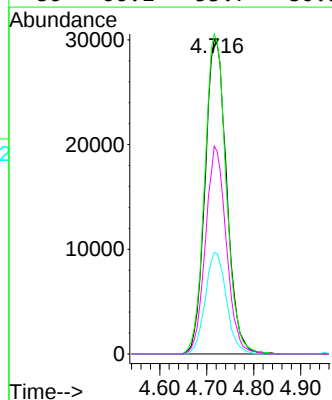
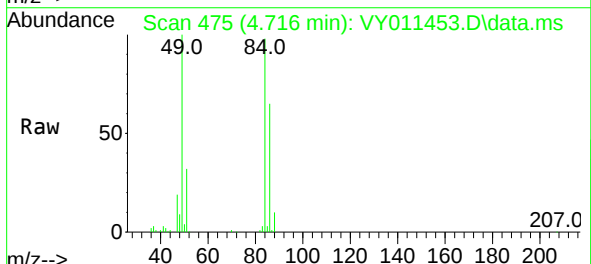
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

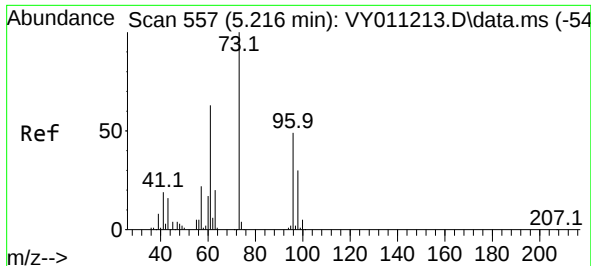
Tgt Ion: 73 Resp: 122217
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8



#20
Methylene Chloride
Concen: 25.441 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 84 Resp: 95495
Ion Ratio Lower Upper
84 100
49 101.7 114.4 171.6#
51 32.3 35.3 52.9#
86 66.1 53.7 80.5

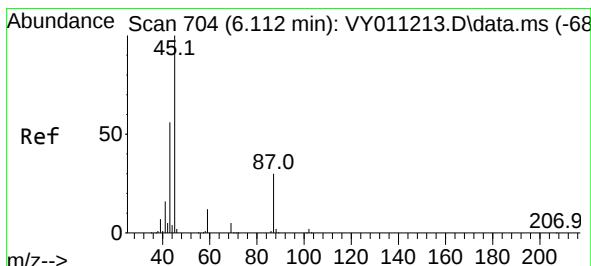
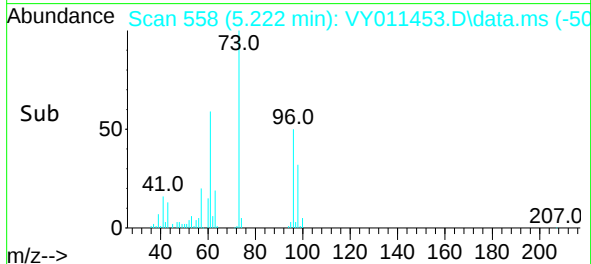
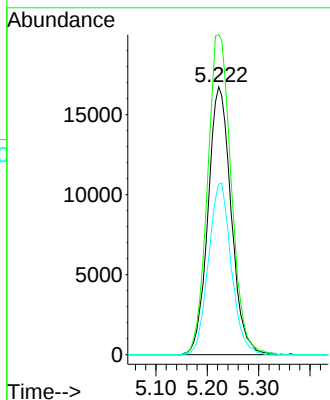
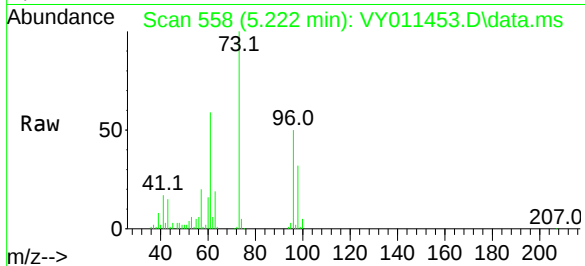




#21
trans-1,2-Dichloroethene
Concen: 18.787 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

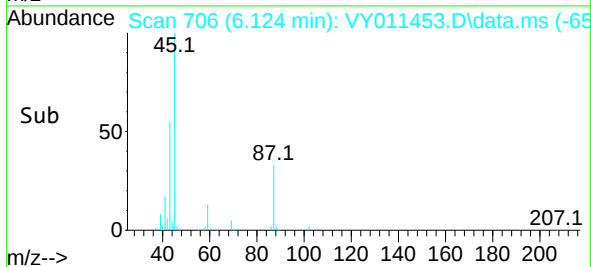
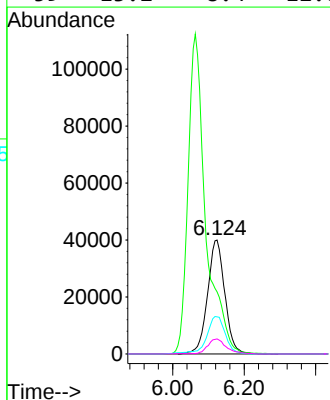
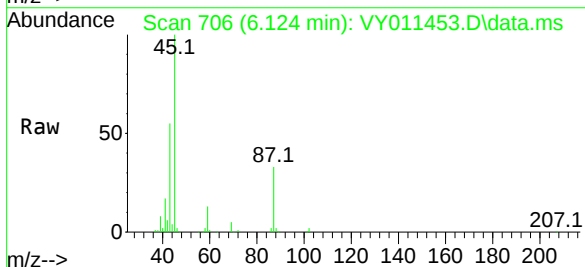
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

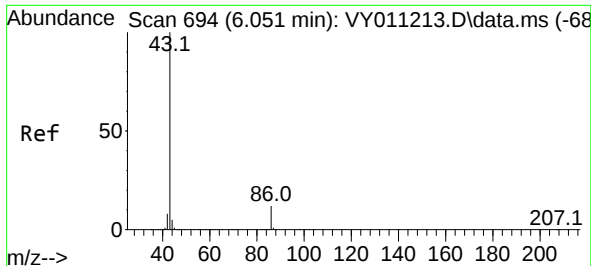
Tgt Ion: 96 Resp: 52437
Ion Ratio Lower Upper
96 100
61 119.4 120.5 180.7#
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 19.008 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 45 Resp: 134017
Ion Ratio Lower Upper
45 100
43 54.2 49.3 73.9
87 32.7 19.2 28.8#
59 13.2 8.4 12.6#

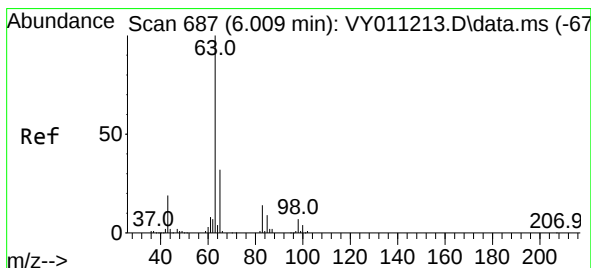
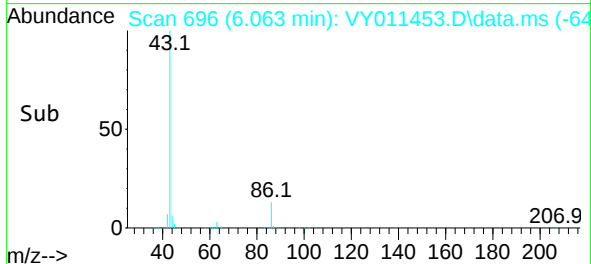
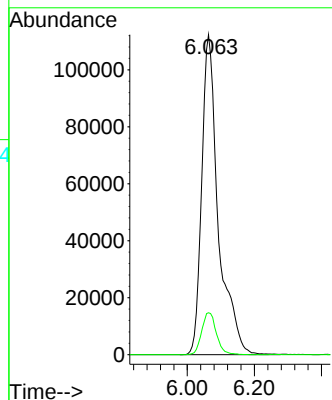
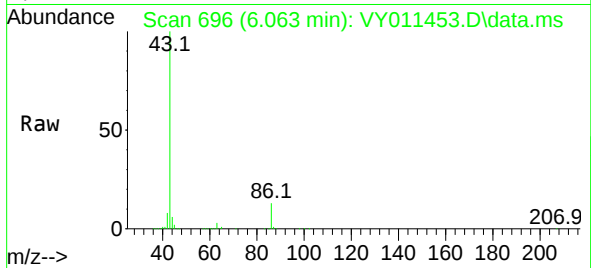




#23
 Vinyl Acetate
 Concen: 93.561 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. 0.005 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

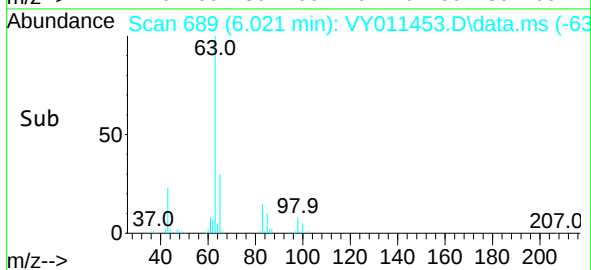
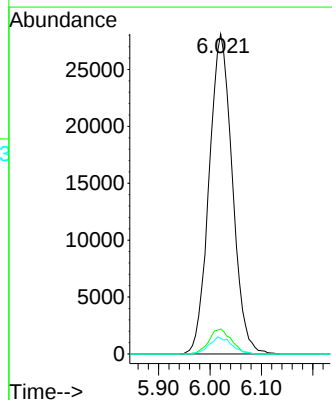
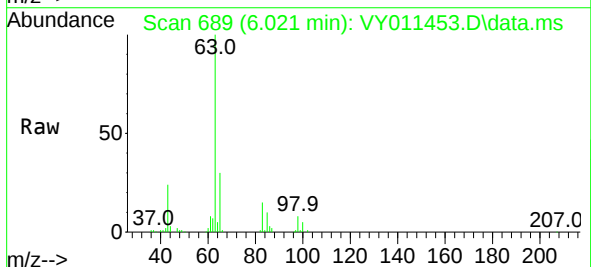
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

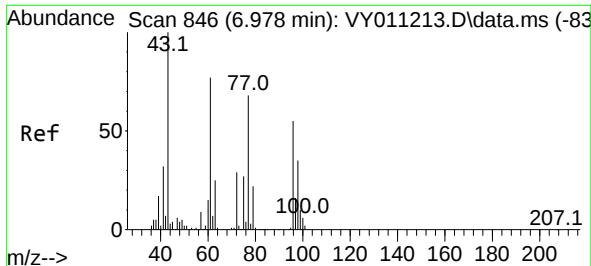
Tgt Ion: 43 Resp: 385911
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.189 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

Tgt Ion: 63 Resp: 88101
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 95.843 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

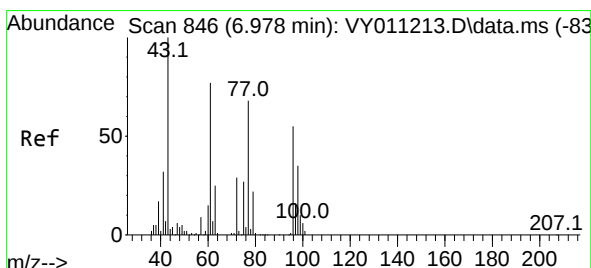
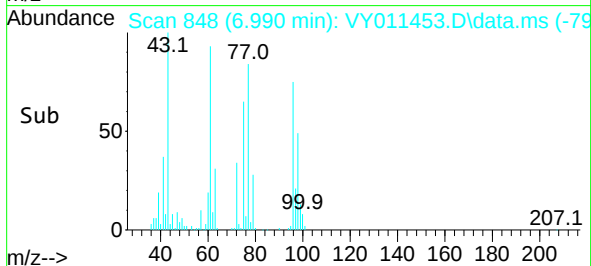
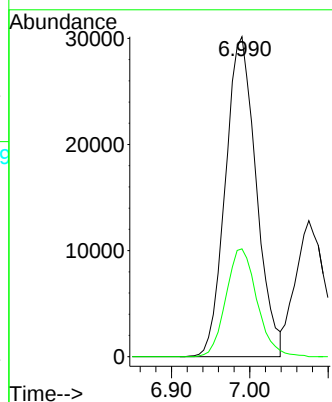
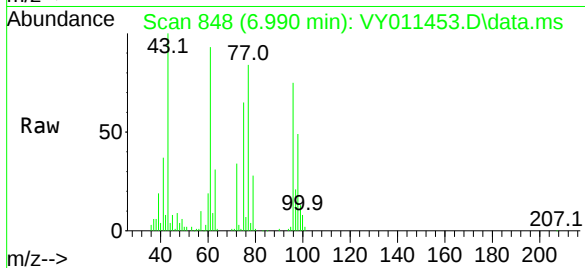
VY1115SBSD01

Tgt Ion: 43 Resp: 82359

Ion Ratio Lower Upper

43 100

72 33.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.470 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011453.D

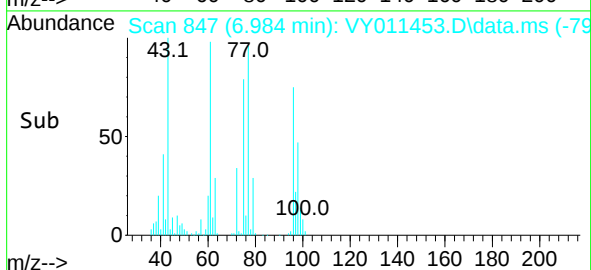
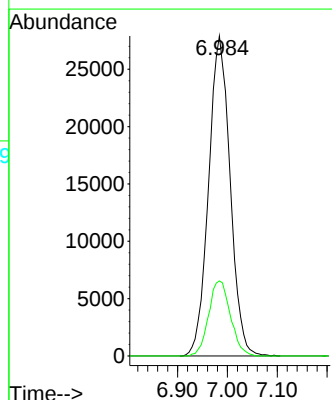
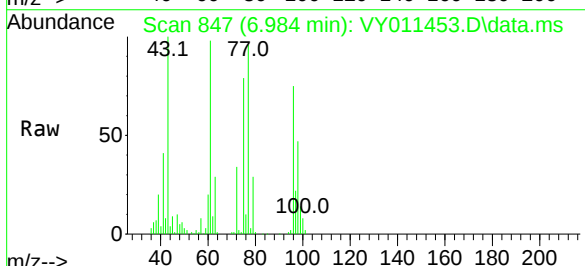
Acq: 15 Nov 2022 13:20

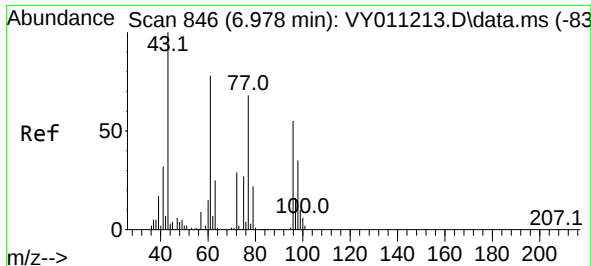
Tgt Ion: 77 Resp: 83600

Ion Ratio Lower Upper

77 100

97 23.8 10.4 31.4

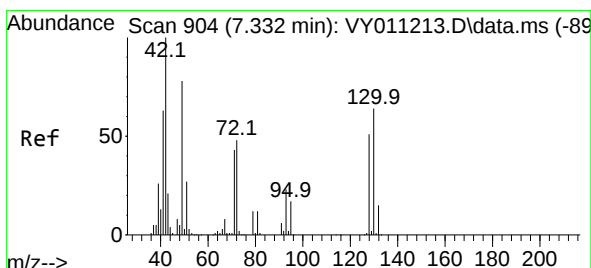
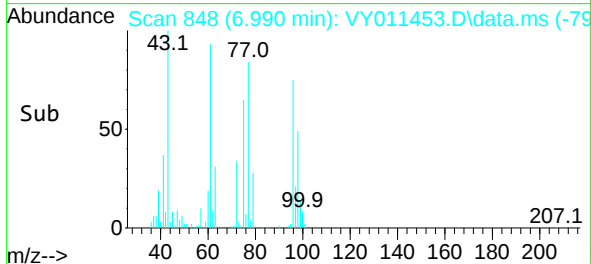
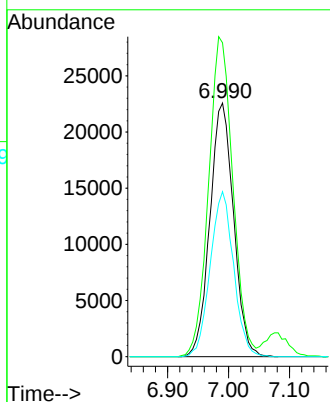
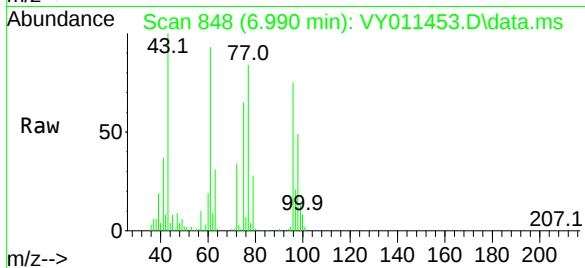




#27
 cis-1,2-Dichloroethene
 Concen: 19.406 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. 0.012 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

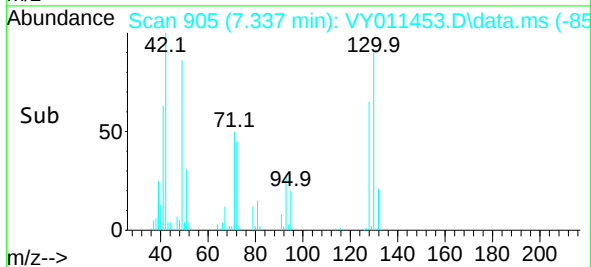
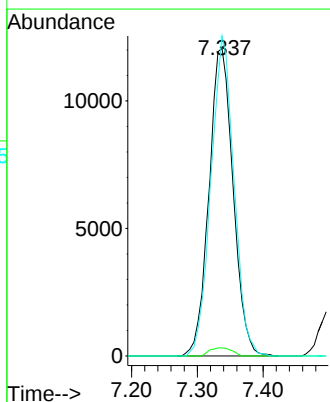
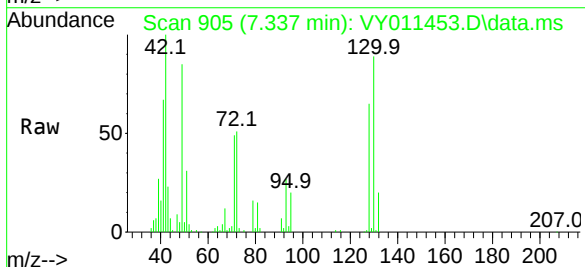
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

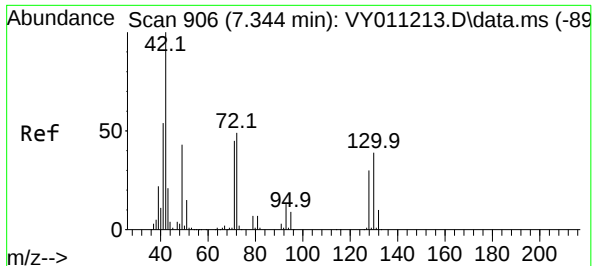
Tgt Ion: 96 Resp: 60959
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 319.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.523 ug/l
 RT: 7.337 min Scan# 905
 Delta R.T. 0.005 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

Tgt Ion: 49 Resp: 30885
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 99.2 55.4 83.0#

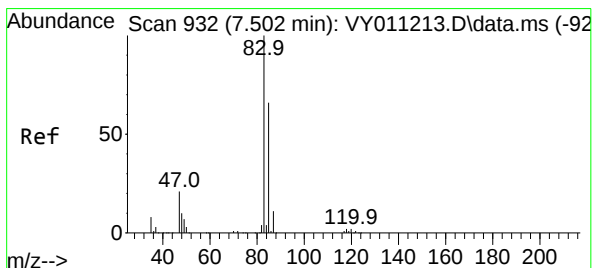
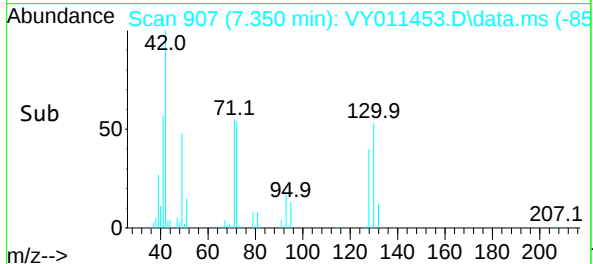
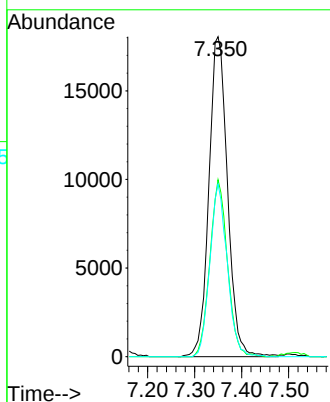
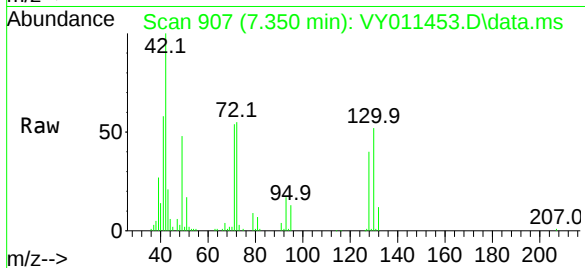




#29
Tetrahydrofuran
Concen: 95.259 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

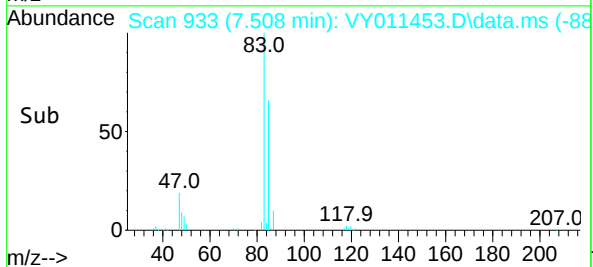
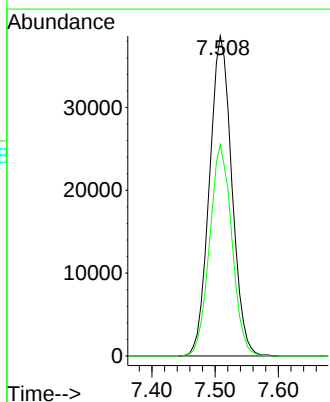
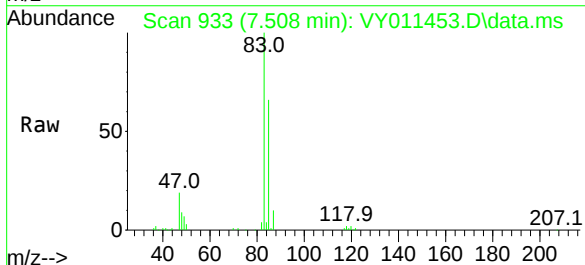
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

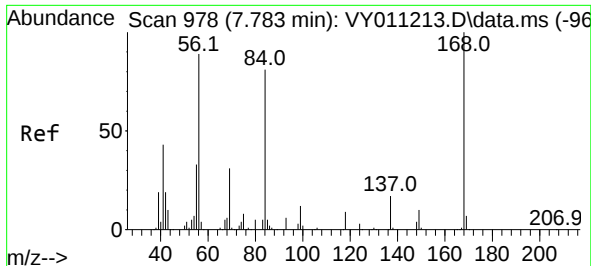
Tgt Ion: 42 Resp: 49585
Ion Ratio Lower Upper
42 100
72 52.4 30.3 45.5#
71 50.5 29.0 43.4#



#30
Chloroform
Concen: 19.537 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 83 Resp: 94869
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.6

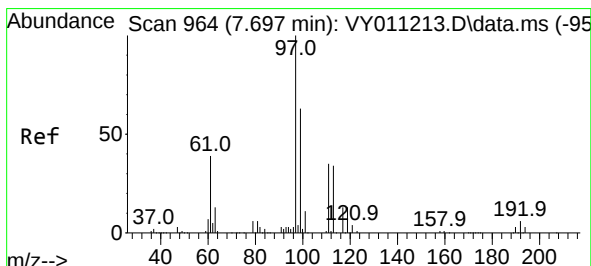
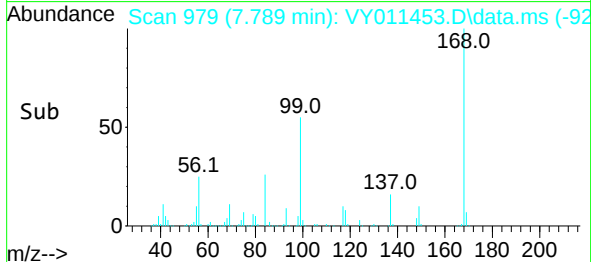
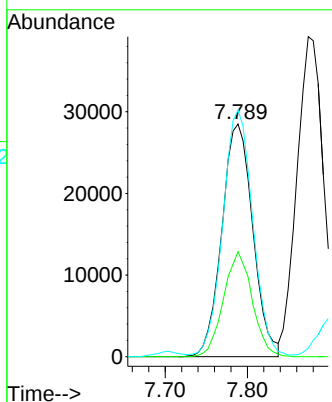
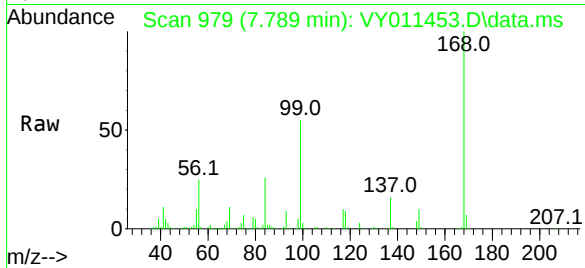




#31
Cyclohexane
Concen: 18.199 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

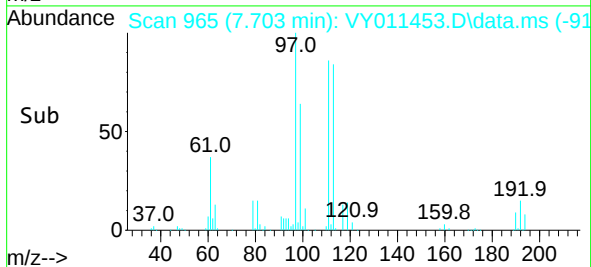
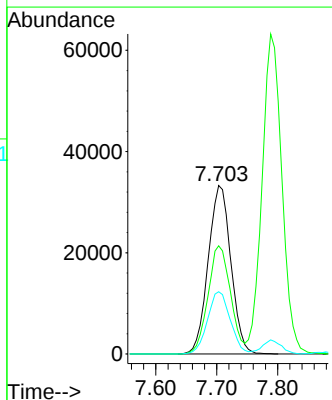
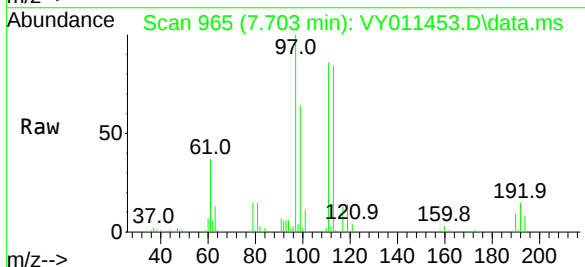
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

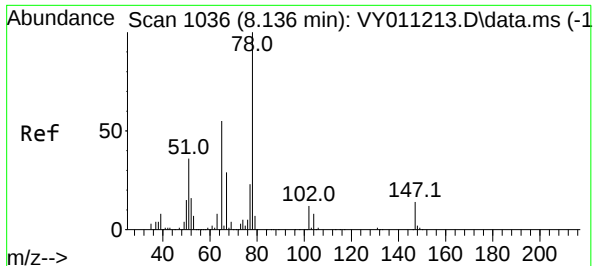
Tgt Ion: 56 Resp: 74760
Ion Ratio Lower Upper
56 100
69 45.2 26.7 40.1#
84 104.6 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 19.578 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 97 Resp: 85982
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 37.0 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 45.454 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

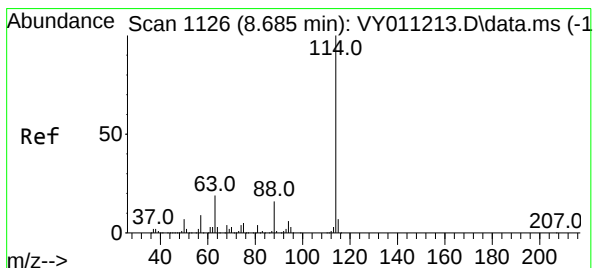
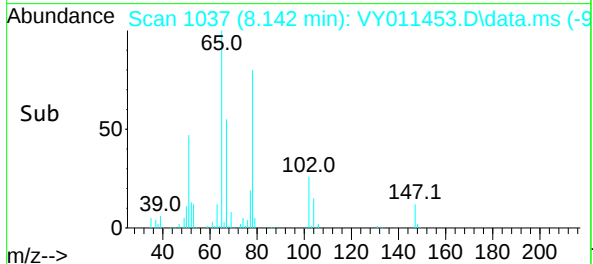
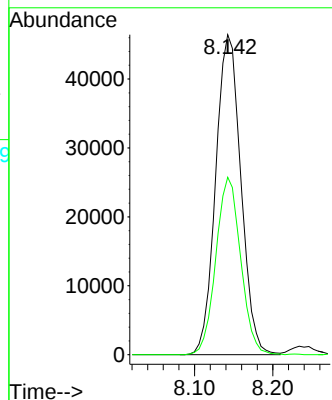
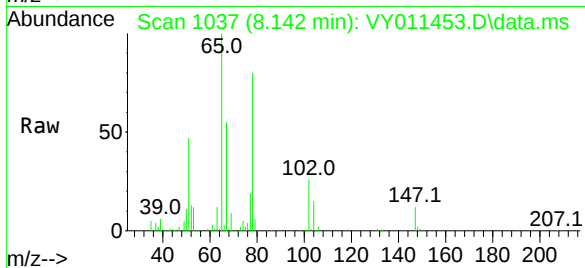
VY1115SBSD01

Tgt Ion: 65 Resp: 103915

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

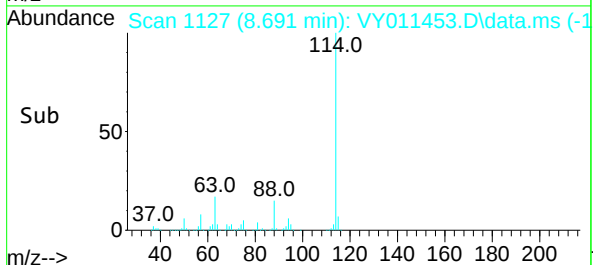
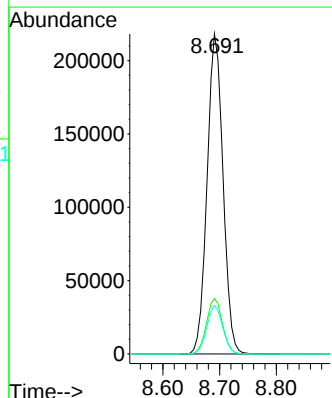
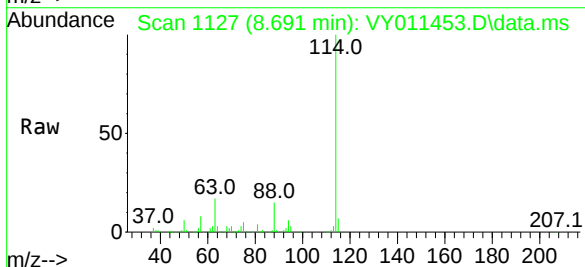
Tgt Ion: 114 Resp: 425378

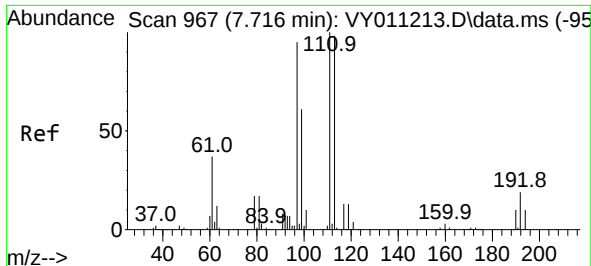
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 15.1 0.0 31.8

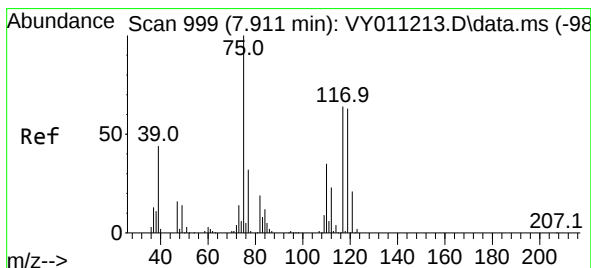
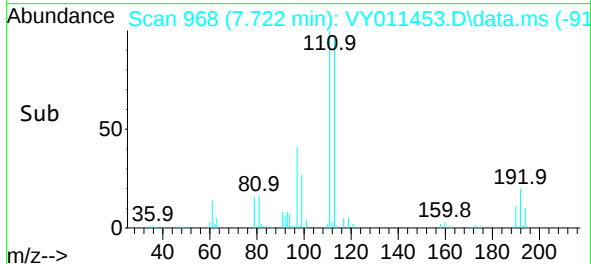
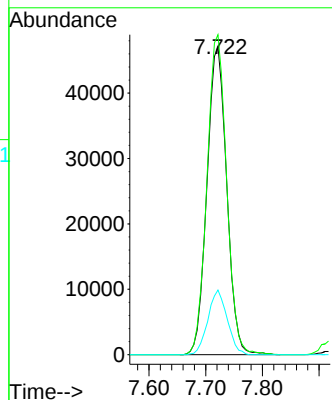
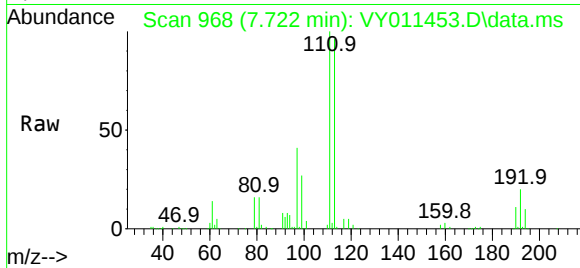




#35
Dibromofluoromethane
Concen: 47.944 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

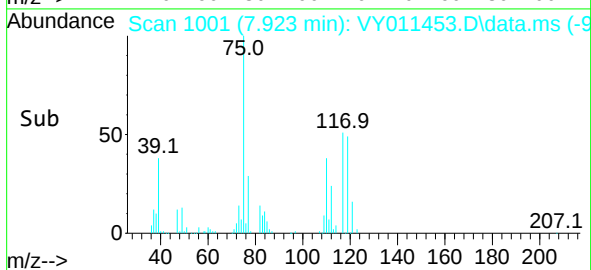
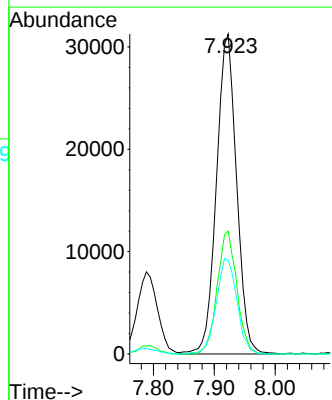
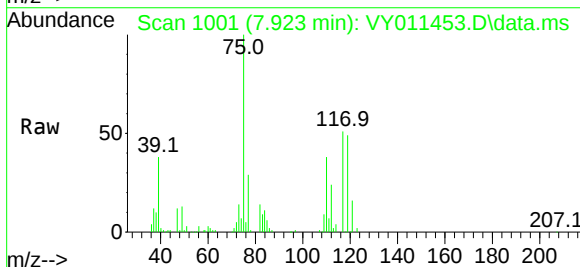
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

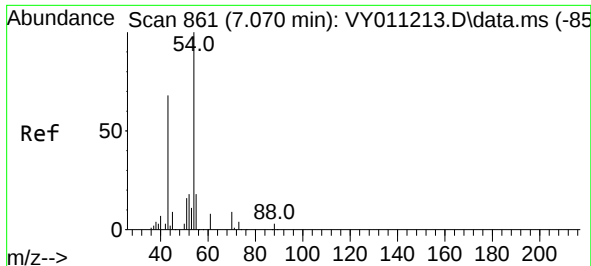
Tgt Ion:113 Resp: 114295
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.365 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 75 Resp: 71650
Ion Ratio Lower Upper
75 100
110 37.2 17.1 51.2
77 30.8 24.4 36.6

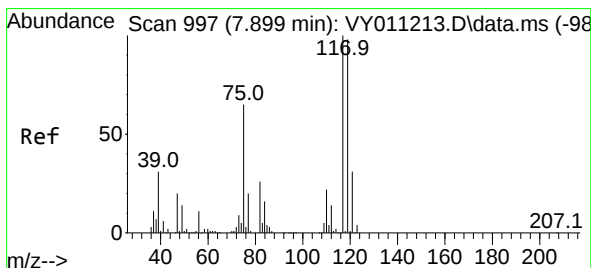
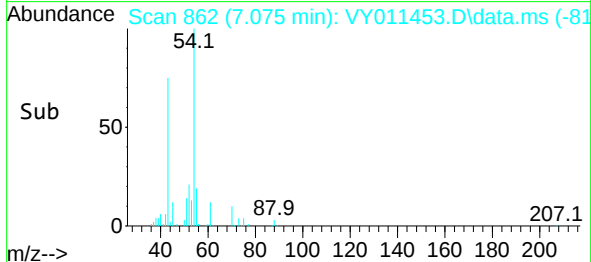
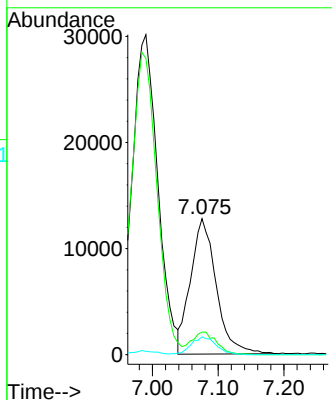
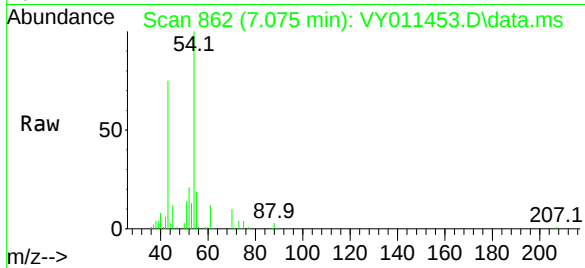




#37
Ethyl Acetate
Concen: 19.427 ug/l
RT: 7.075 min Scan# 80
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

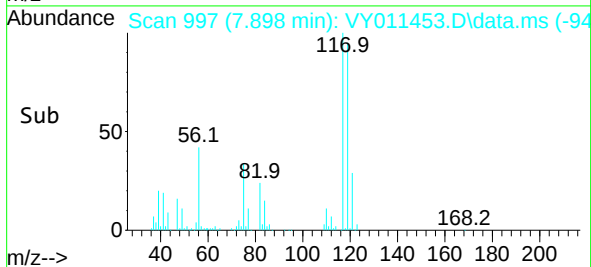
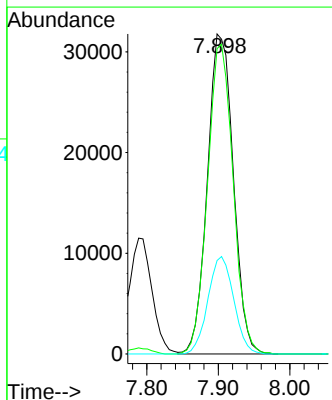
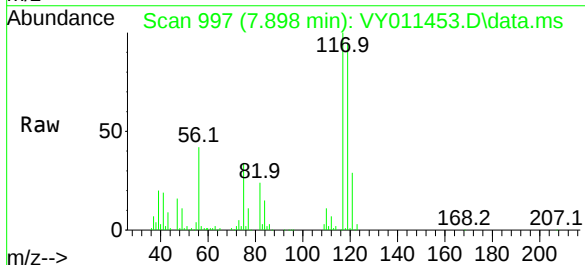
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

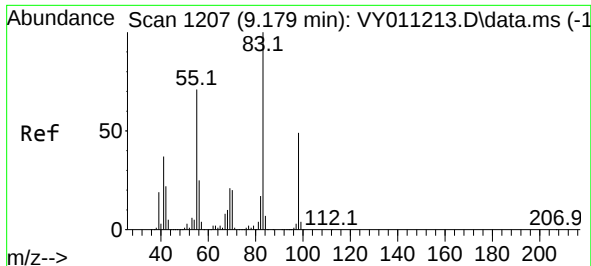
Tgt Ion: 43 Resp: 34528
Ion Ratio Lower Upper
43 100
61 16.6 9.7 14.5#
70 12.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.931 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 117 Resp: 80215
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 18.899 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBSD01

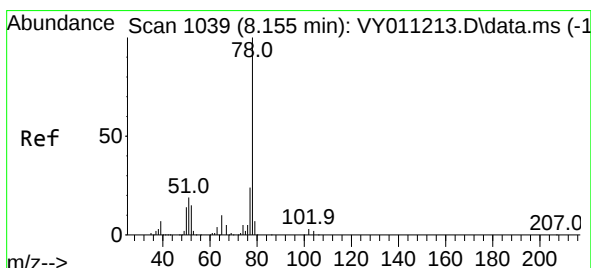
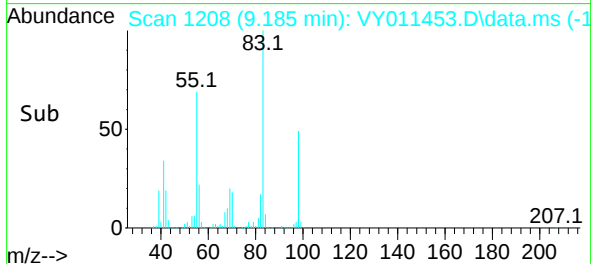
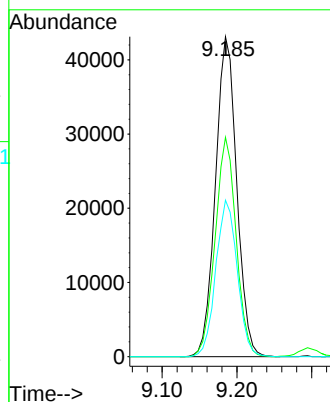
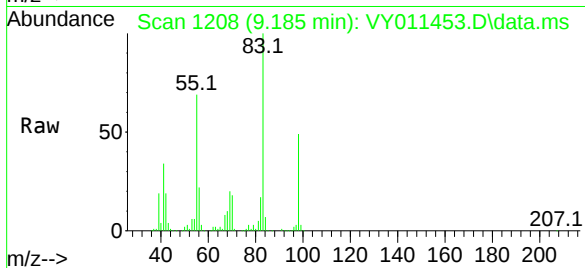
Tgt Ion: 83 Resp: 85441

Ion Ratio Lower Upper

83 100

55 68.6 66.5 99.7

98 48.9 37.9 56.9



#40

Benzene

Concen: 19.434 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.005 min

Lab File: VY011453.D

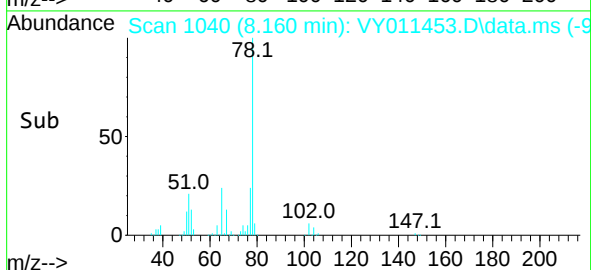
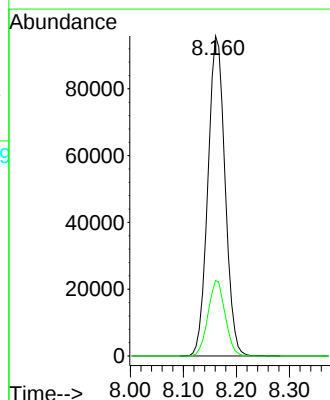
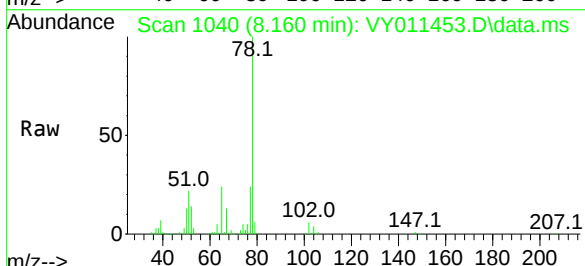
Acq: 15 Nov 2022 13:20

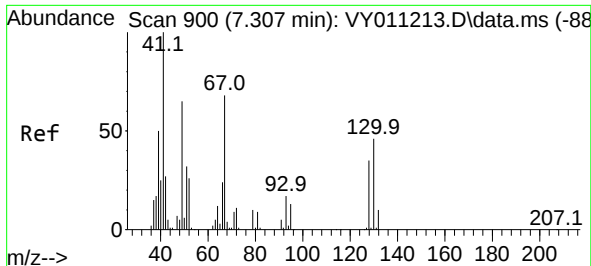
Tgt Ion: 78 Resp: 214730

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

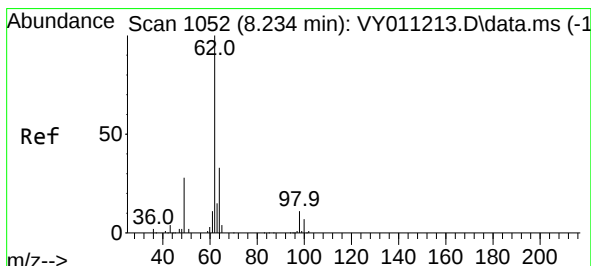
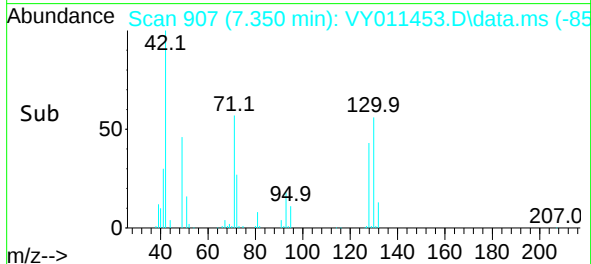
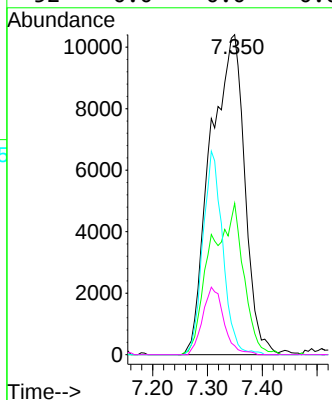
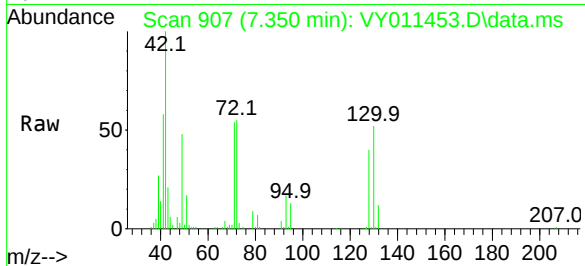




#41
Methacrylonitrile
Concen: 48.910 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

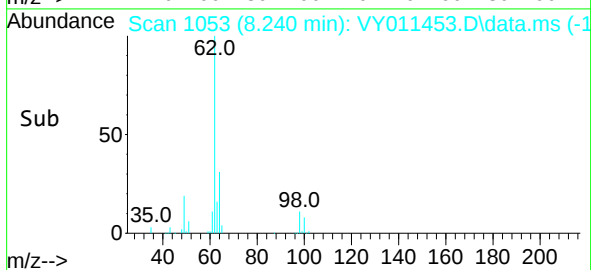
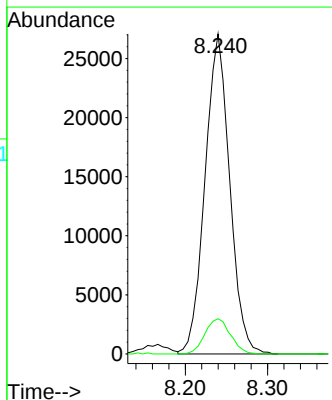
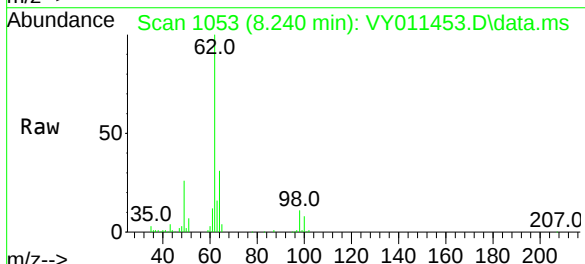
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

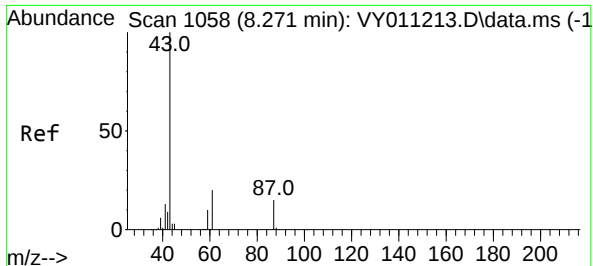
Tgt Ion: 41 Resp: 45014
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.493 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 62 Resp: 56442
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 18.622 ug/l

RT: 8.276 min Scan# 1105

Delta R.T. 0.005 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

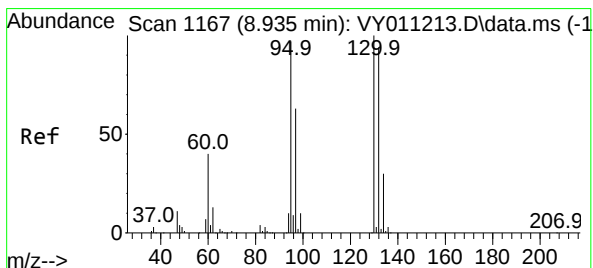
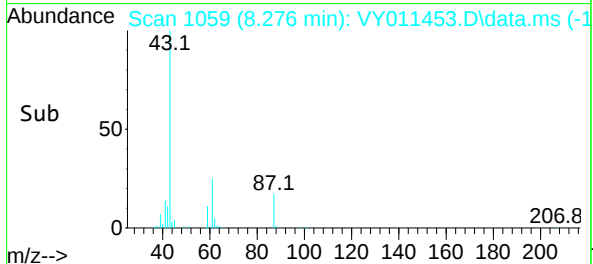
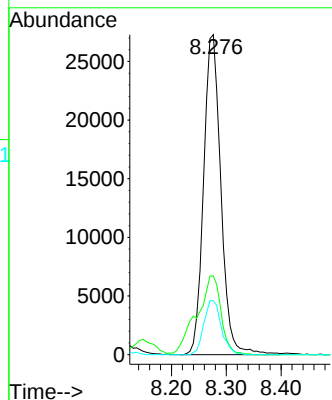
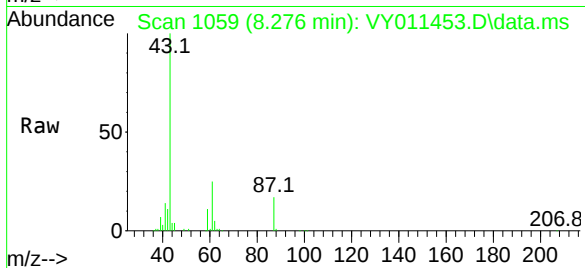
Tgt Ion: 43 Resp: 59709

Ion Ratio Lower Upper

43 100

61 34.4 20.2 30.2#

87 17.1 8.9 13.3#



#44

Trichloroethene

Concen: 19.464 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY011453.D

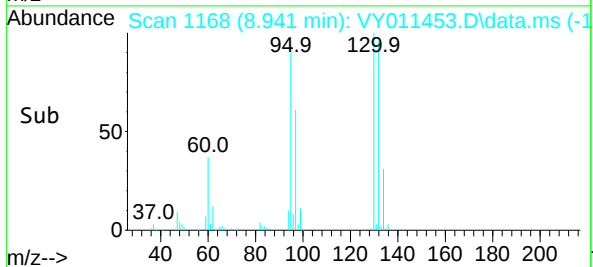
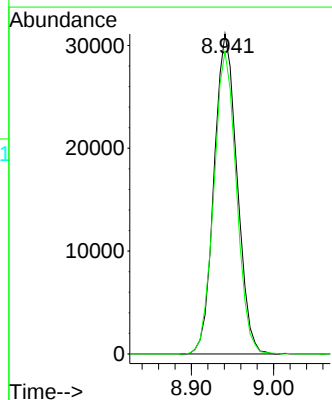
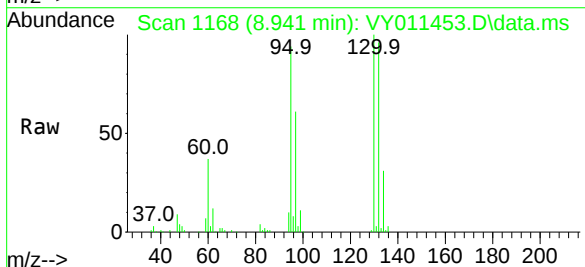
Acq: 15 Nov 2022 13:20

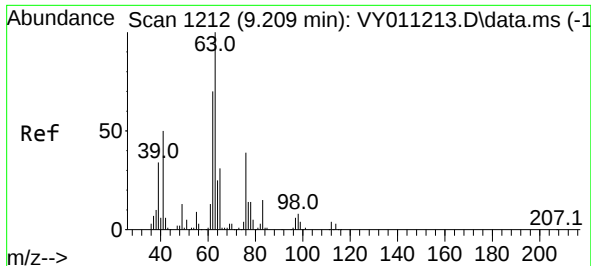
Tgt Ion:130 Resp: 60412

Ion Ratio Lower Upper

130 100

95 94.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.310 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

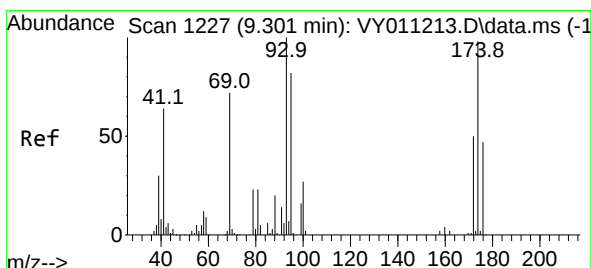
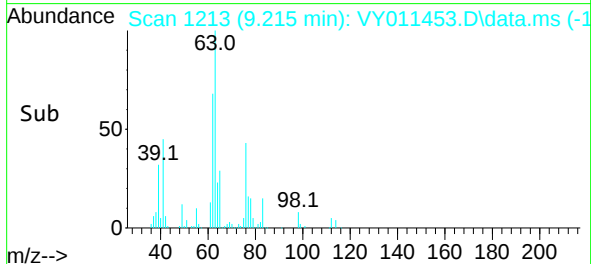
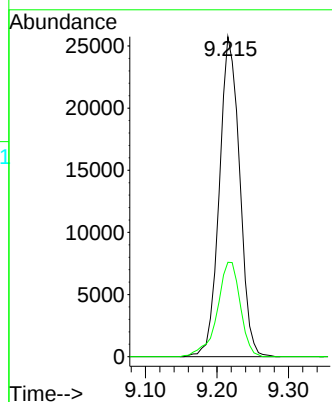
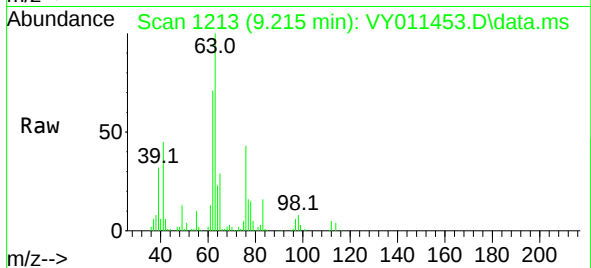
VY1115SBS01

Tgt Ion: 63 Resp: 50778

Ion Ratio Lower Upper

63 100

65 29.5 23.0 34.6



#46

Dibromomethane

Concen: 19.692 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

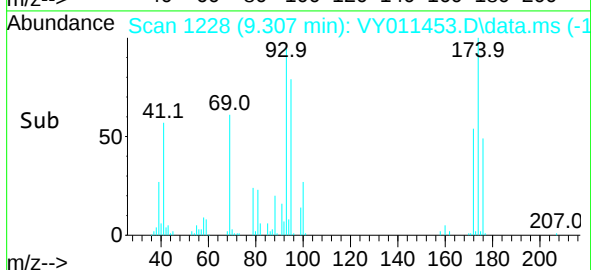
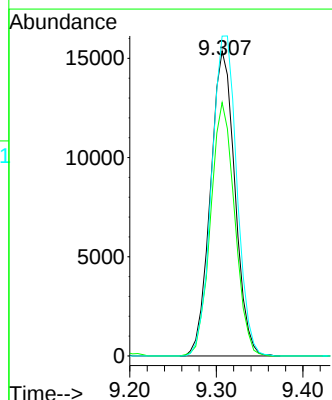
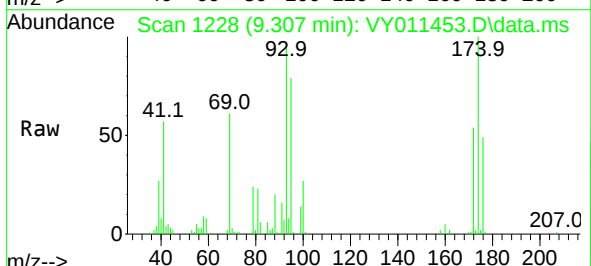
Tgt Ion: 93 Resp: 30150

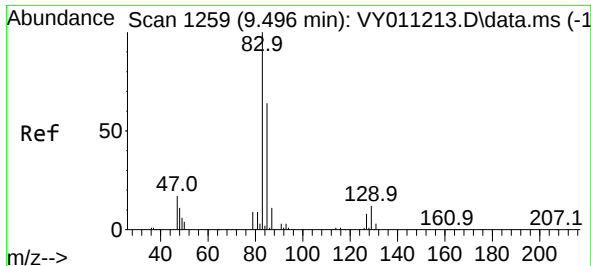
Ion Ratio Lower Upper

93 100

95 81.6 64.3 96.5

174 107.9 83.4 125.0

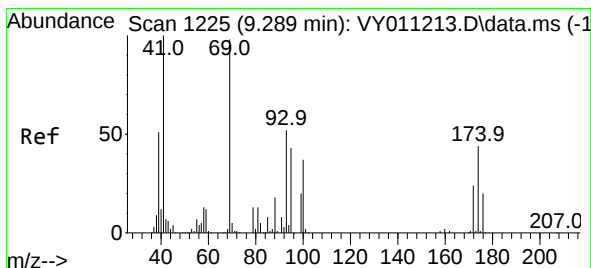
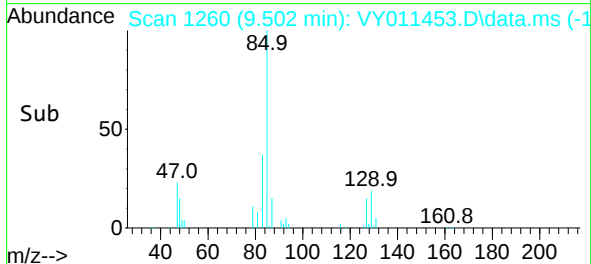
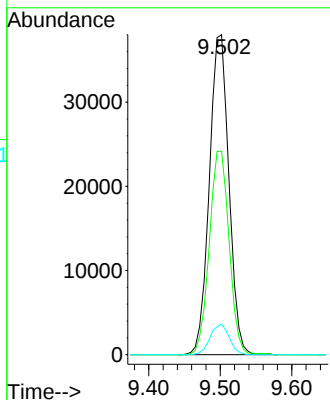
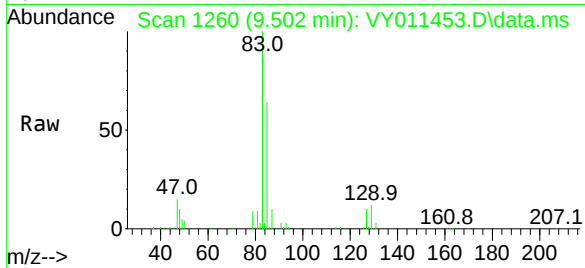




#47
Bromodichloromethane
Concen: 19.663 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

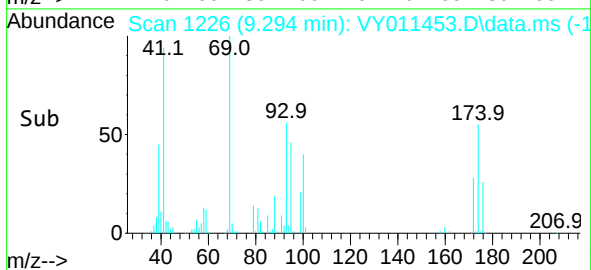
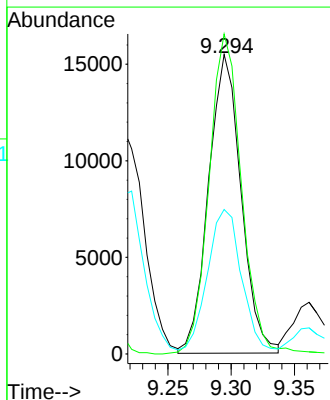
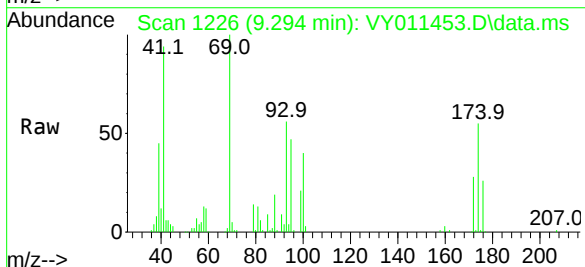
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

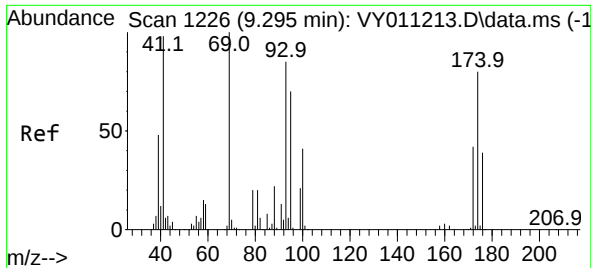
Tgt Ion: 83 Resp: 72128
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 19.196 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 41 Resp: 27660
Ion Ratio Lower Upper
41 100
69 106.9 58.2 87.2#
39 51.6 47.4 71.0





#49

1,4-Dioxane

Concen: 387.808 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBSD01

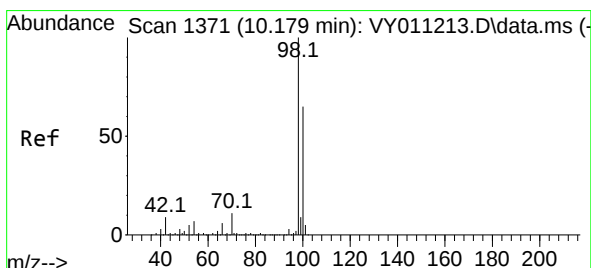
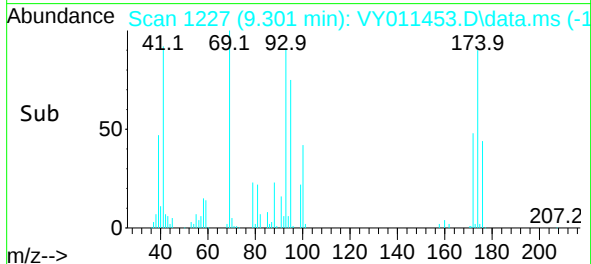
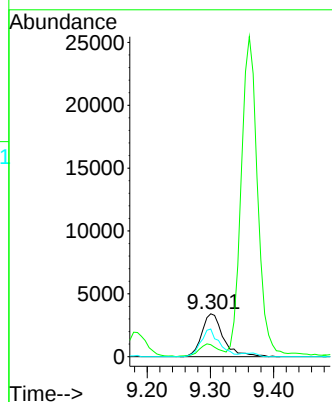
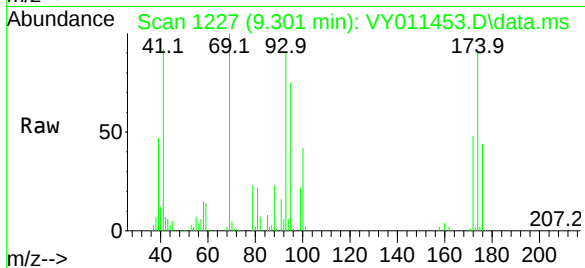
Tgt Ion: 88 Resp: 8106

Ion Ratio Lower Upper

88 100

43 27.9 32.8 49.2#

58 55.6 59.8 89.6#



#50

Toluene-d8

Concen: 45.178 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY011453.D

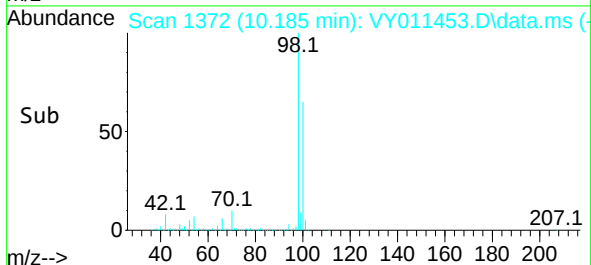
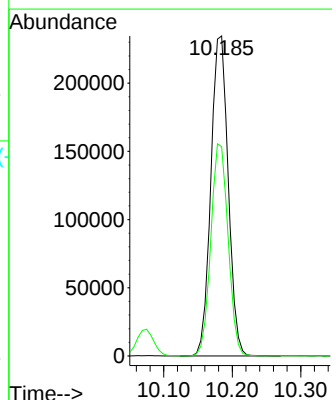
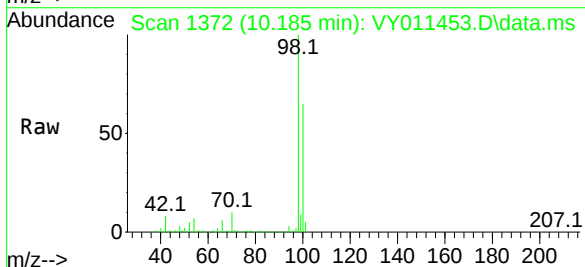
Acq: 15 Nov 2022 13:20

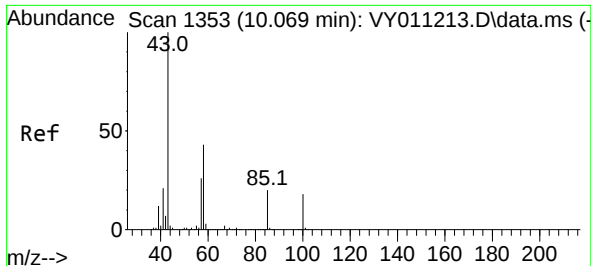
Tgt Ion: 98 Resp: 411445

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 96.136 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

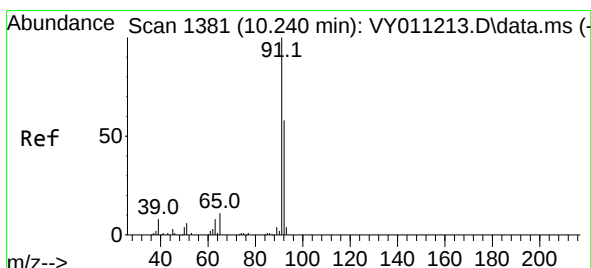
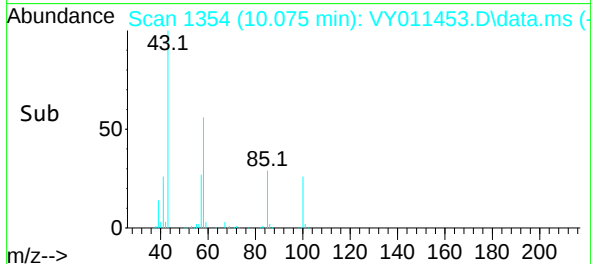
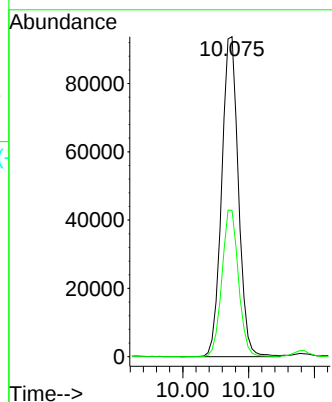
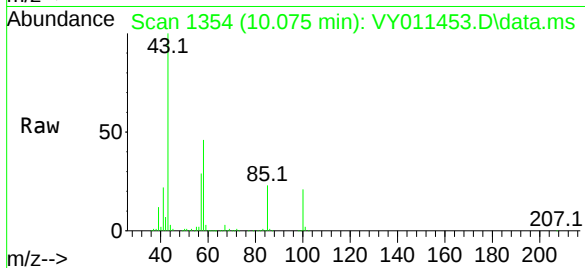
VY1115SBS01

Tgt Ion: 43 Resp: 165759

Ion Ratio Lower Upper

43 100

58 45.4 28.1 42.1#



#52

Toluene

Concen: 19.607 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. 0.005 min

Lab File: VY011453.D

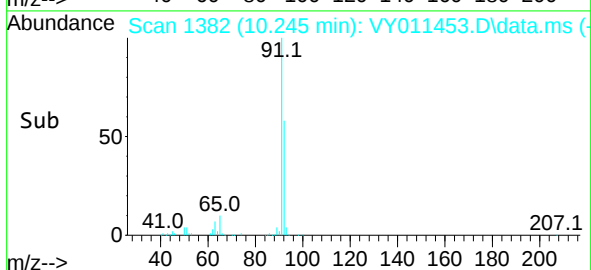
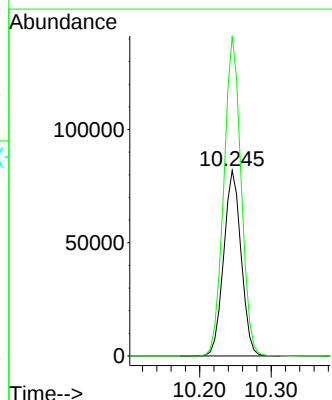
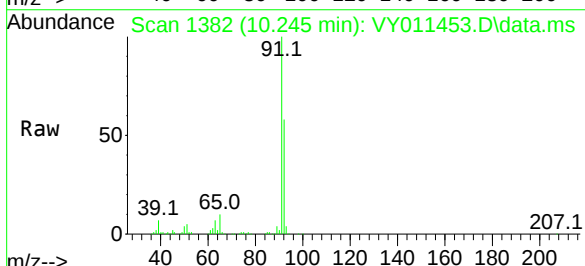
Acq: 15 Nov 2022 13:20

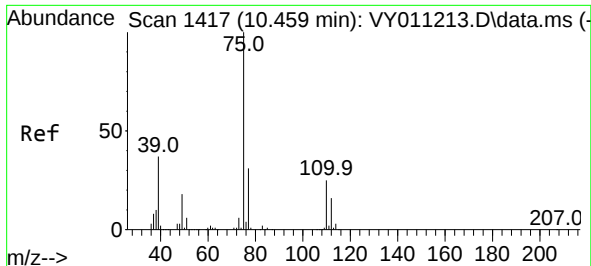
Tgt Ion: 92 Resp: 138341

Ion Ratio Lower Upper

92 100

91 171.7 142.6 213.8

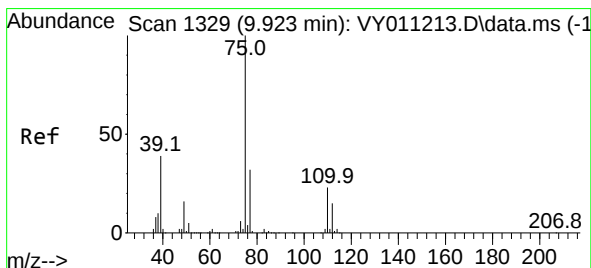
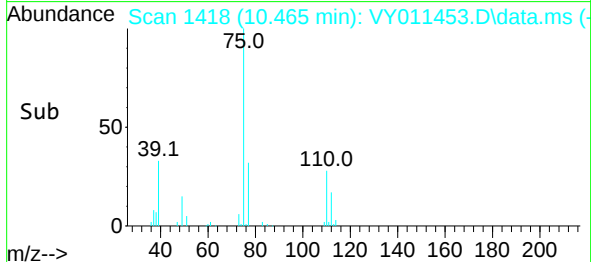
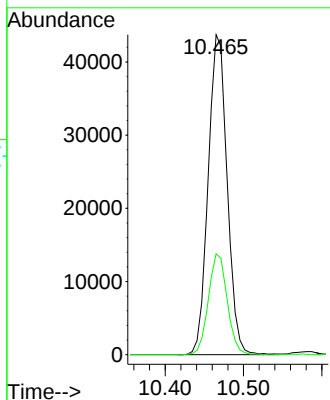
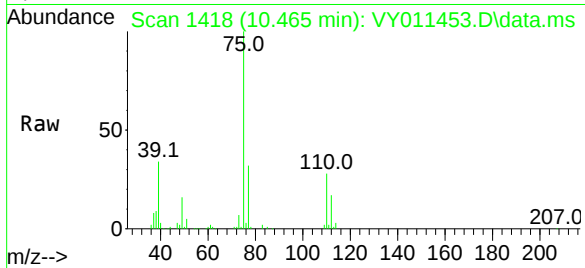




#53
 t-1,3-Dichloropropene
 Concen: 19.431 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

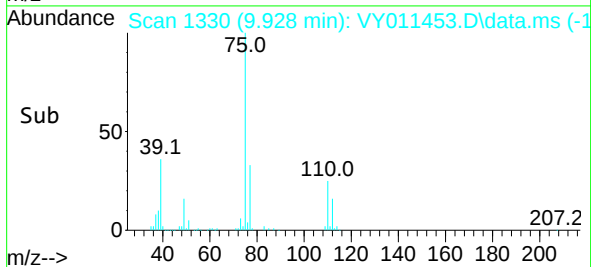
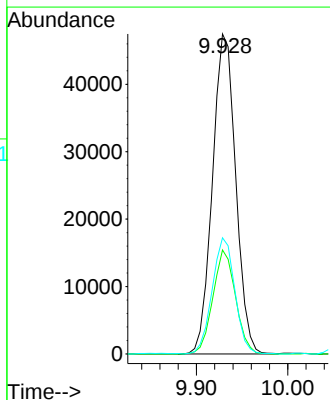
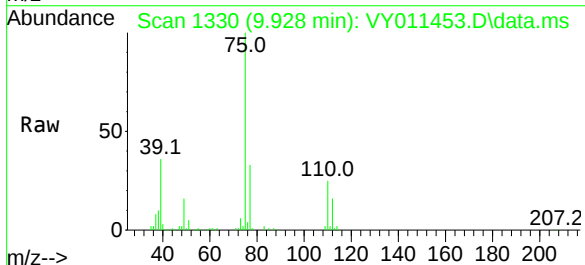
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBSD01

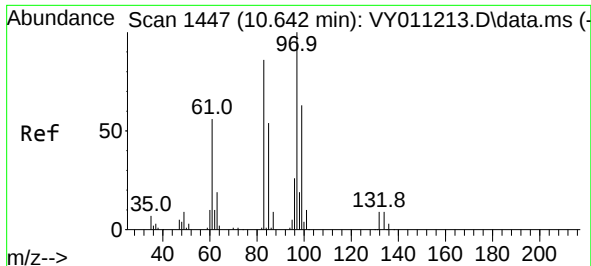
Tgt Ion: 75 Resp: 73497
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.223 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.005 min
 Lab File: VY011453.D
 Acq: 15 Nov 2022 13:20

Tgt Ion: 75 Resp: 83918
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 36.3 47.6 71.4#

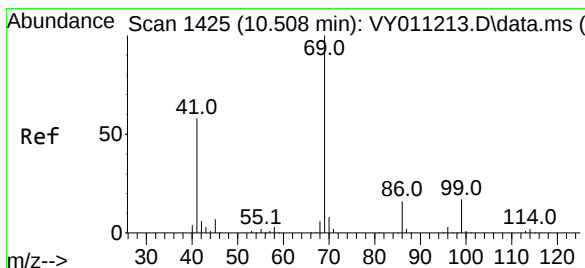
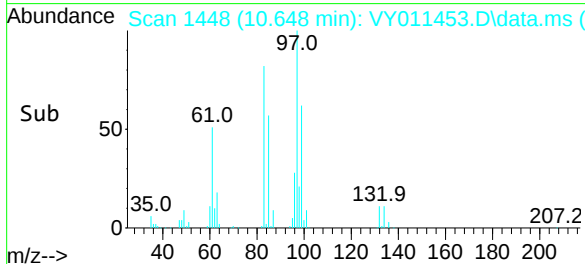
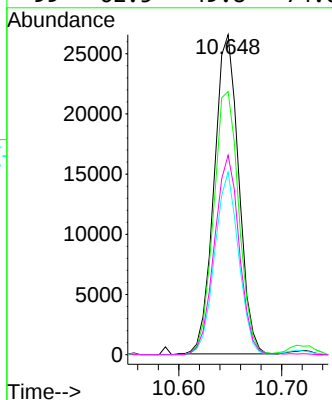
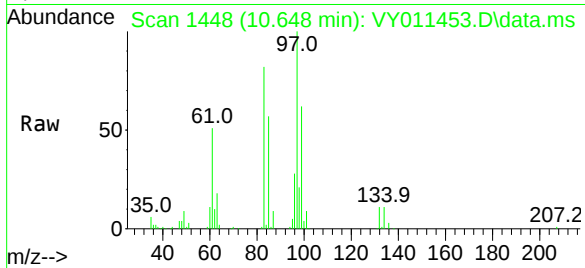




#55
1,1,2-Trichloroethane
Concen: 19.821 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

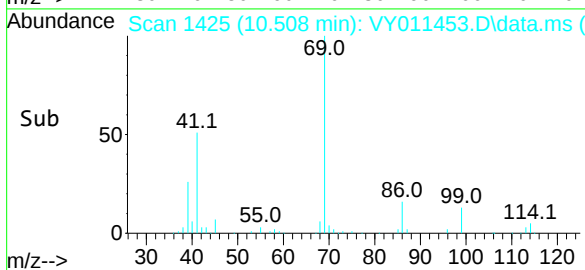
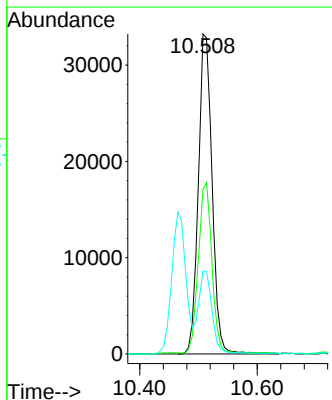
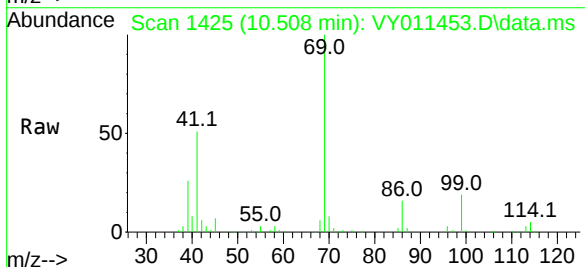
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

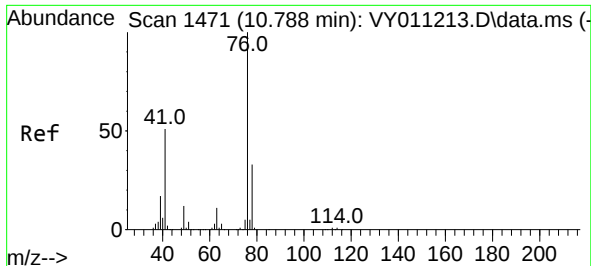
Tgt Ion: 97	Resp: 43947
Ion Ratio	Lower Upper
97 100	
83 82.4	69.8 104.8
85 57.3	44.3 66.5
99 62.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.045 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 69	Resp: 54299
Ion Ratio	Lower Upper
69 100	
41 52.0	63.4 95.0#
39 25.0	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 19.962 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

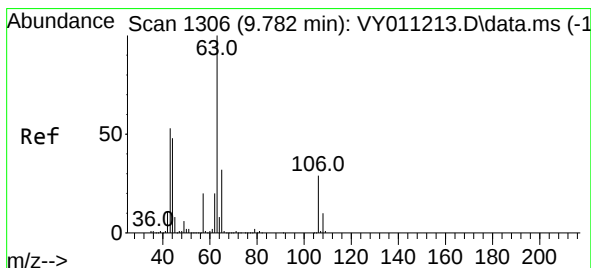
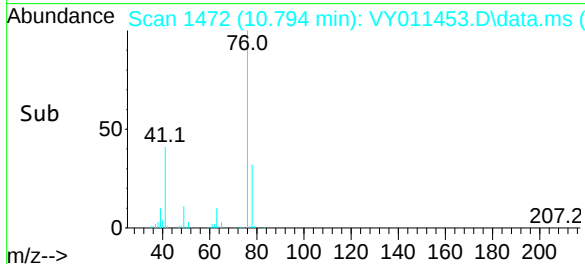
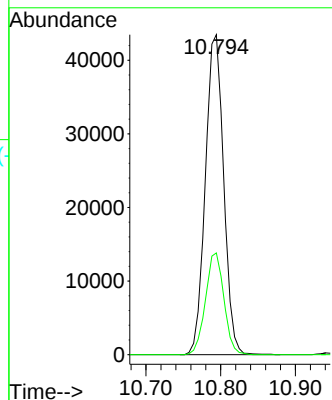
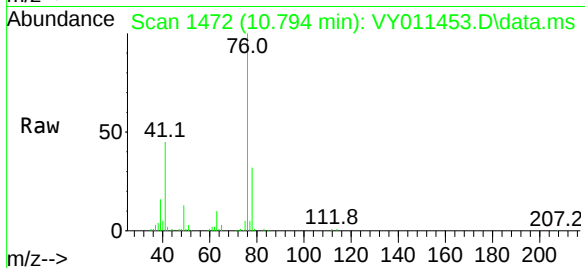
VY1115SBS01

Tgt Ion: 76 Resp: 73834

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.795 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011453.D

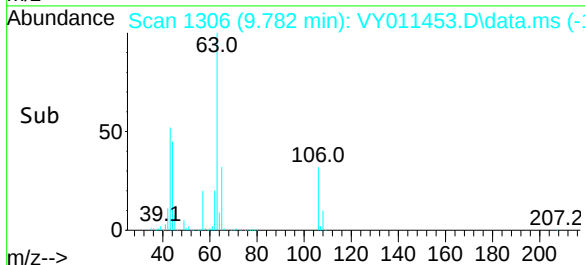
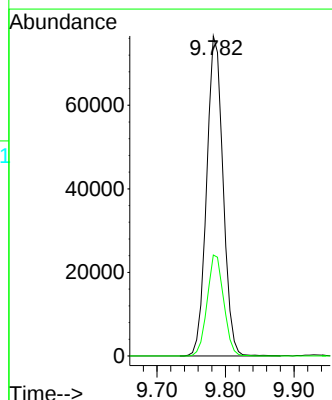
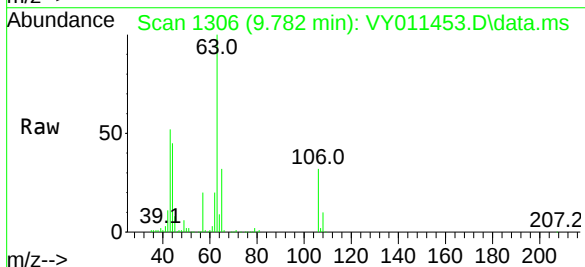
Acq: 15 Nov 2022 13:20

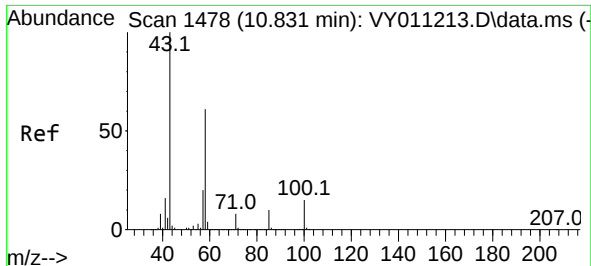
Tgt Ion: 63 Resp: 127569

Ion Ratio Lower Upper

63 100

106 31.8 21.5 32.3

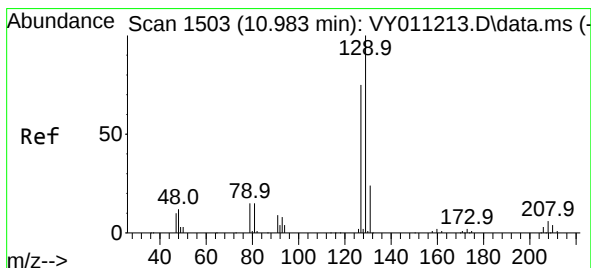
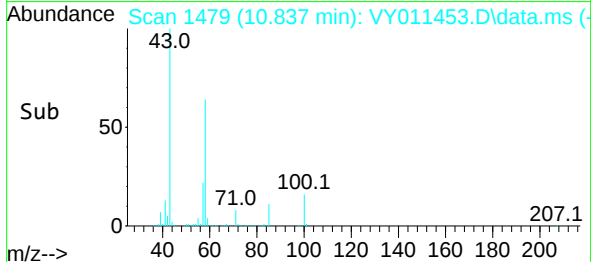
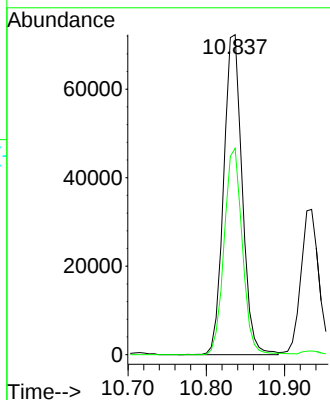
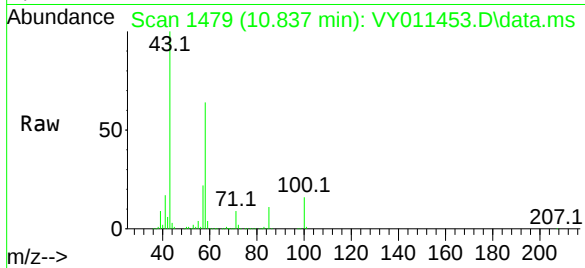




#59
2-Hexanone
Concen: 97.142 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

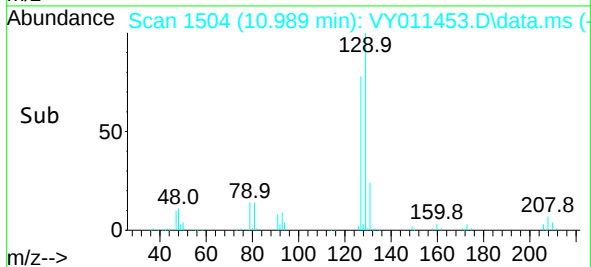
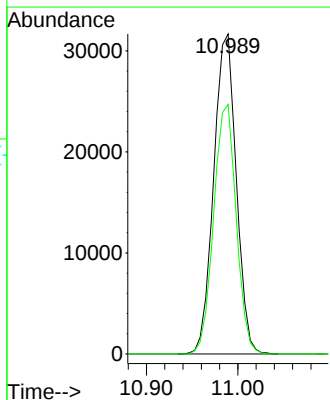
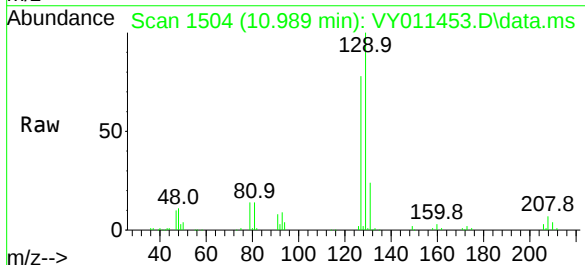
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

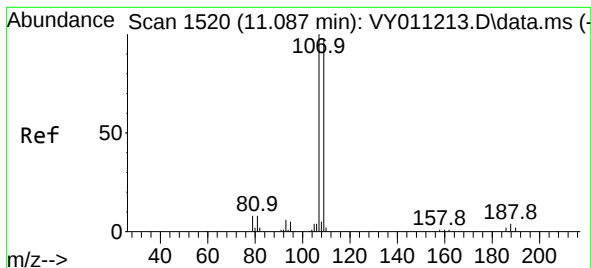
Tgt Ion: 43 Resp: 118655
Ion Ratio Lower Upper
43 100
58 63.5 24.4 73.4



#60
Dibromochloromethane
Concen: 19.883 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 129 Resp: 54414
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

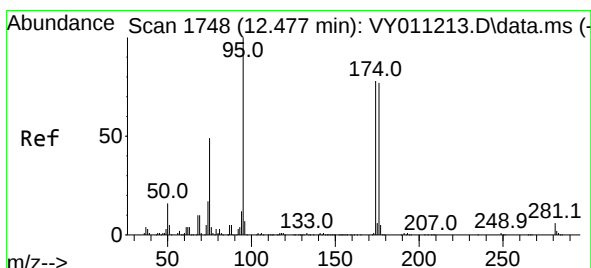
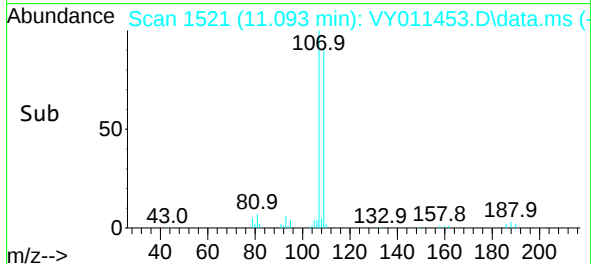
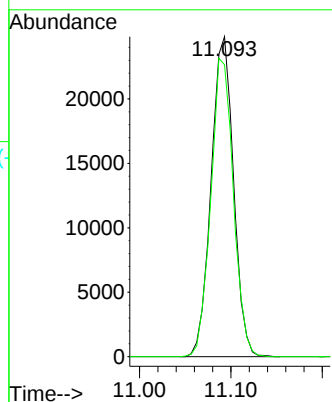
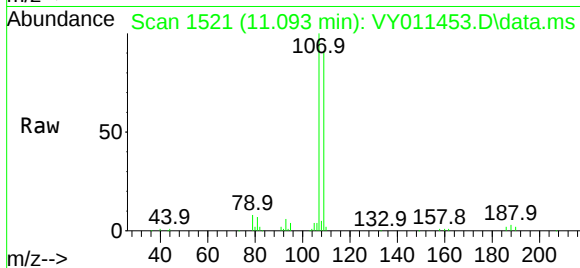




#61
1,2-Dibromoethane
Concen: 19.796 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

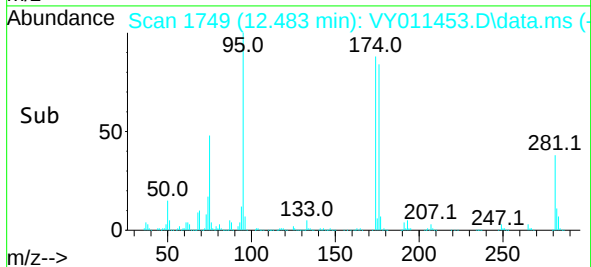
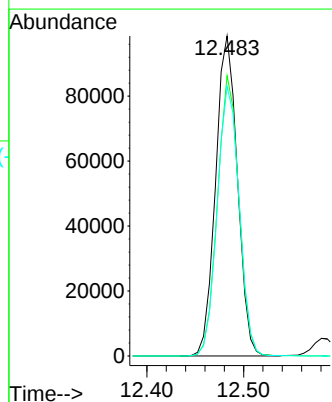
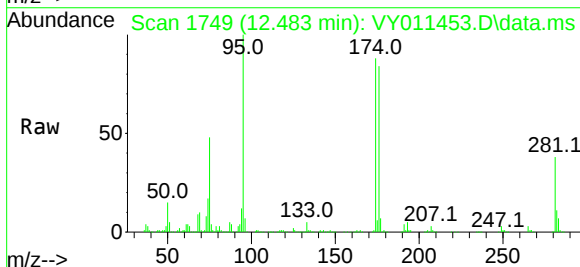
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

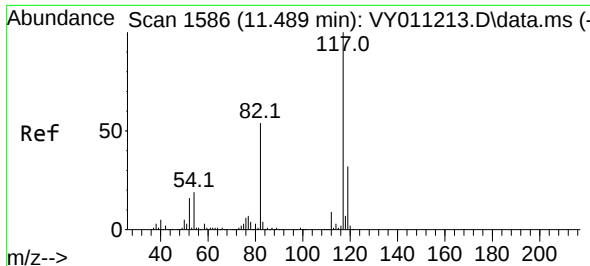
Tgt Ion:107 Resp: 42200
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.487 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 95 Resp: 154020
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 85.0 0.0 175.8

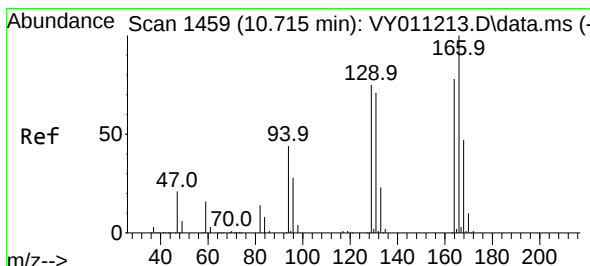
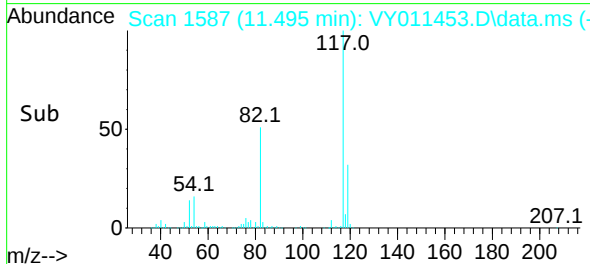
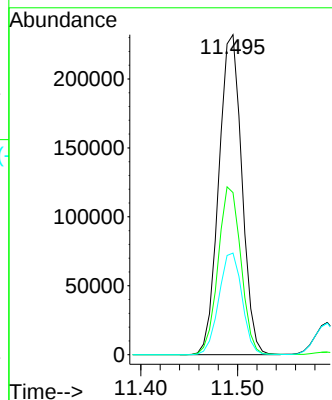
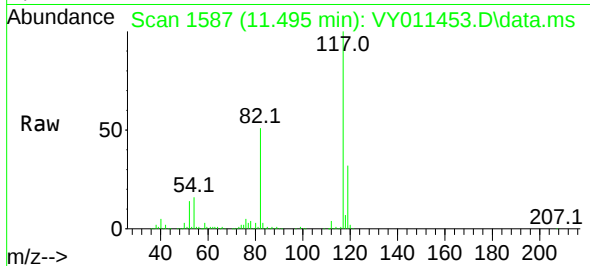




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

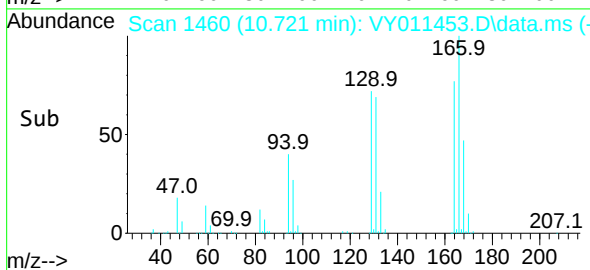
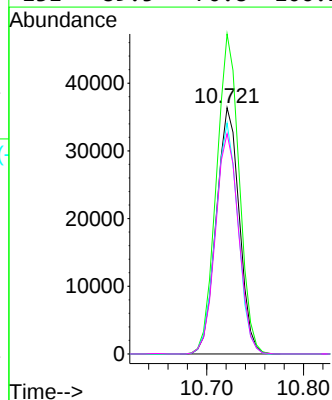
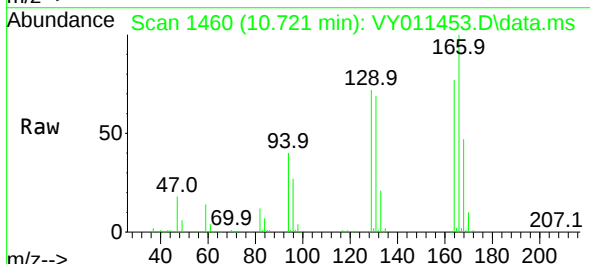
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

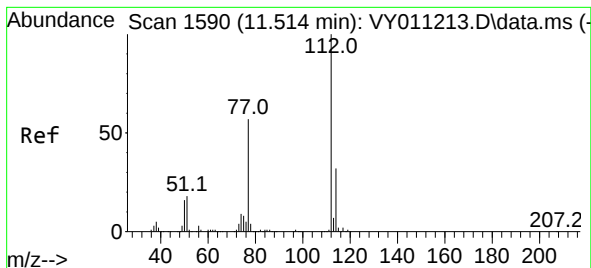
Tgt Ion:117 Resp: 383716
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 19.571 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion:164 Resp: 60027
Ion Ratio Lower Upper
164 100
166 130.0 100.4 150.6
129 93.8 71.4 107.0
131 89.5 70.8 106.2

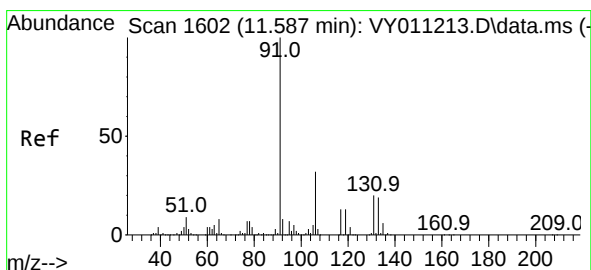
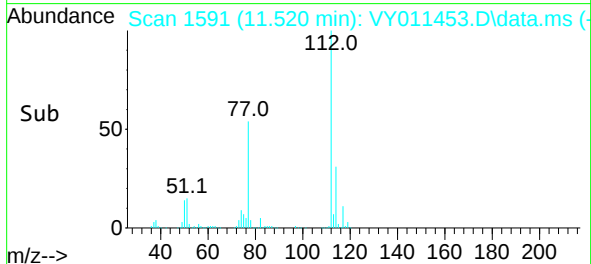
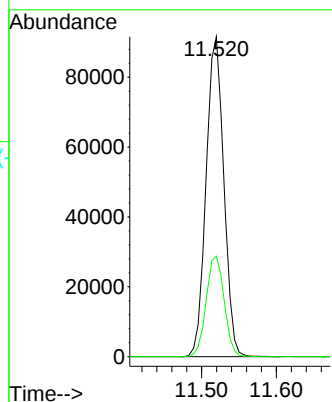
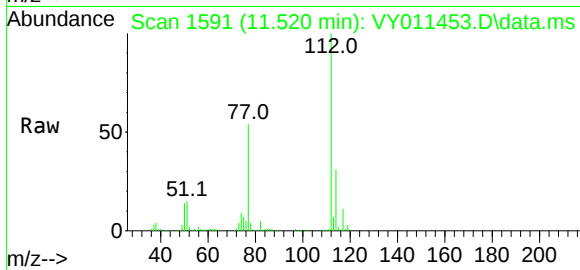




#65
Chlorobenzene
Concen: 19.579 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

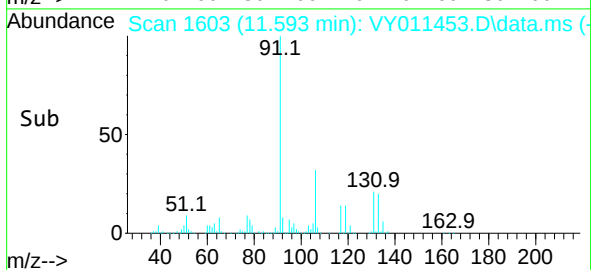
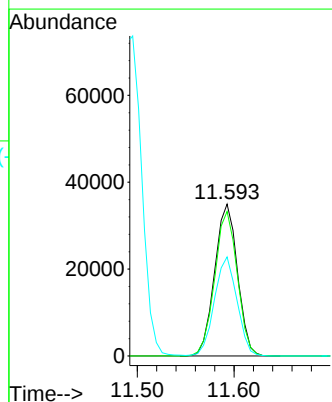
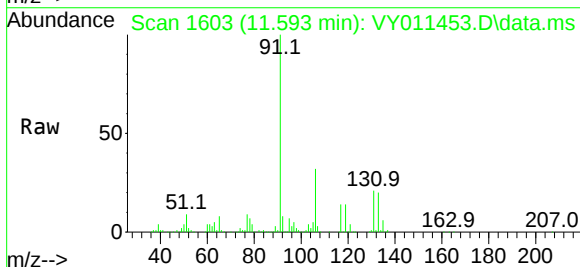
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

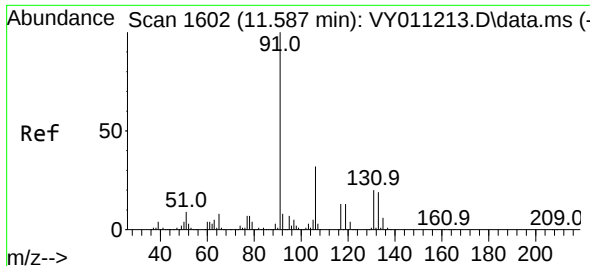
Tgt Ion:112 Resp: 150365
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion:131 Resp: 57276
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 19.340 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

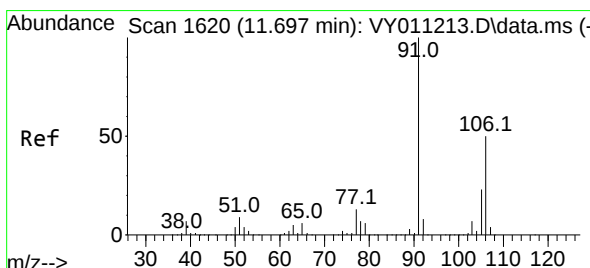
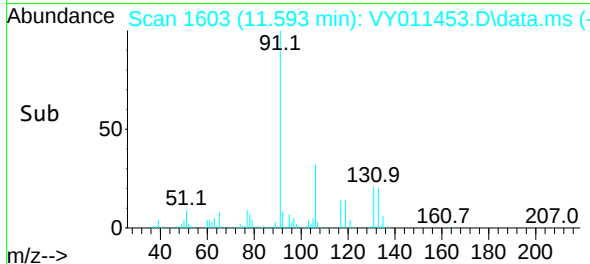
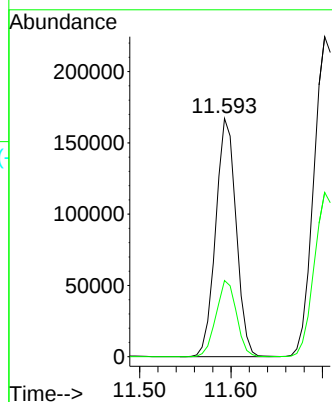
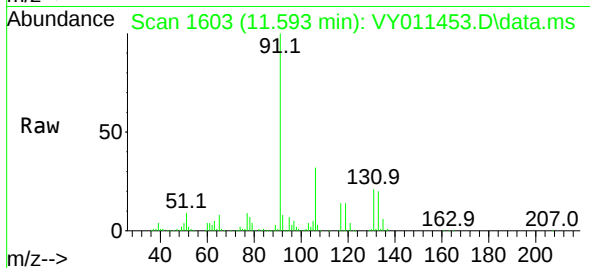
VY1115SBS01

Tgt Ion: 91 Resp: 259538

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 39.476 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011453.D

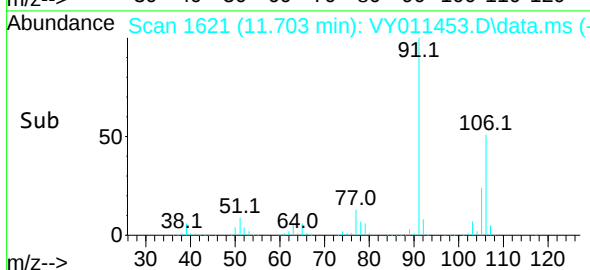
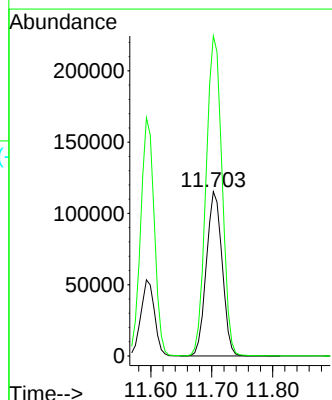
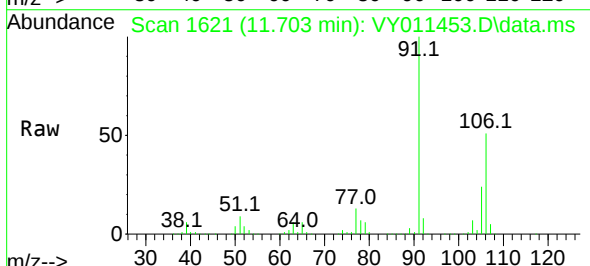
Acq: 15 Nov 2022 13:20

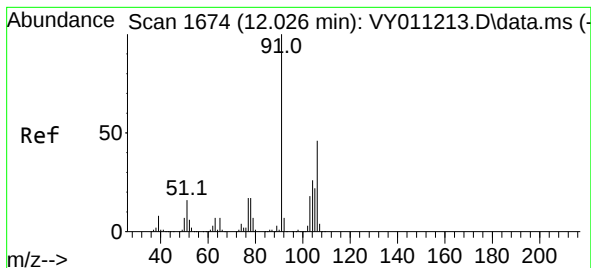
Tgt Ion:106 Resp: 207690

Ion Ratio Lower Upper

106 100

91 196.9 166.6 249.8





#69

o-Xylene

Concen: 19.677 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

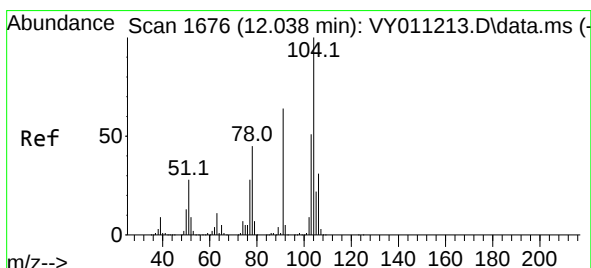
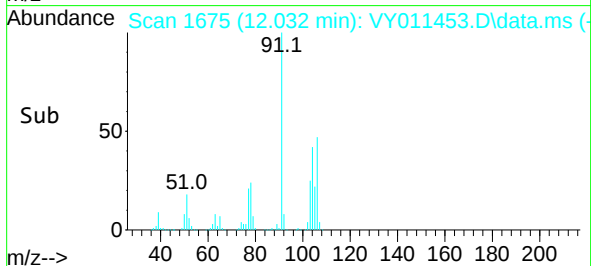
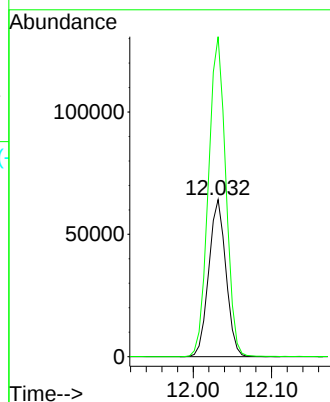
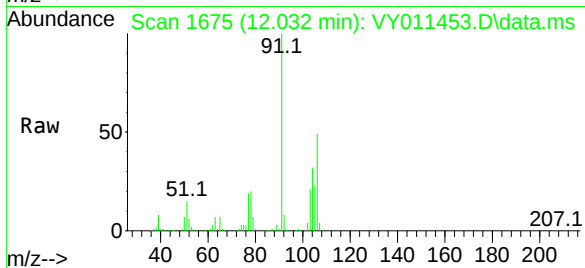
VY1115SBS01

Tgt Ion:106 Resp: 97640

Ion Ratio Lower Upper

106 100

91 206.2 110.3 331.0



#70

Styrene

Concen: 19.715 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

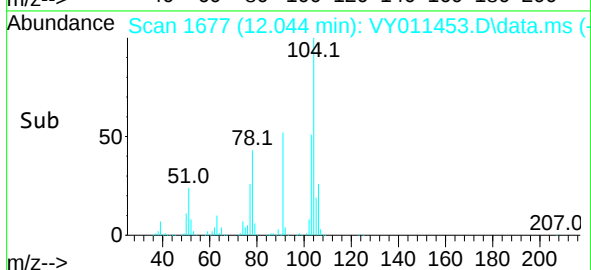
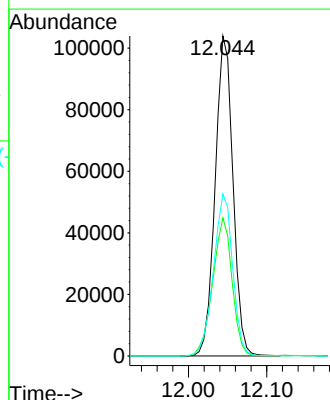
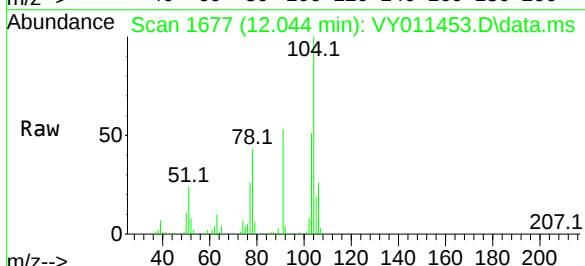
Tgt Ion:104 Resp: 164459

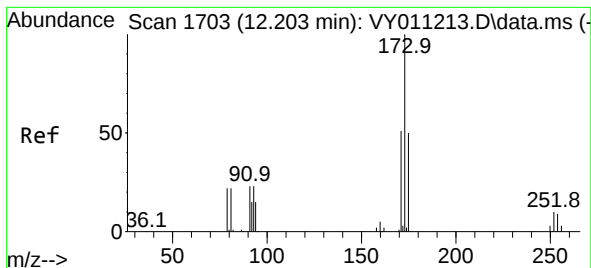
Ion Ratio Lower Upper

104 100

78 46.9 42.4 63.6

103 54.7 44.4 66.6





#71

Bromoform

Concen: 20.342 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

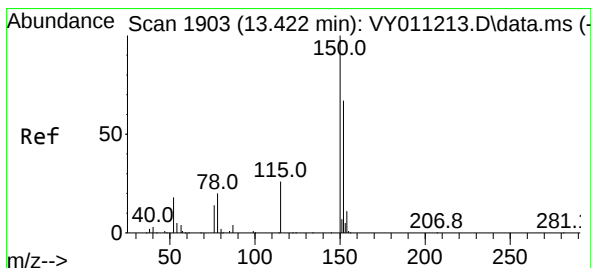
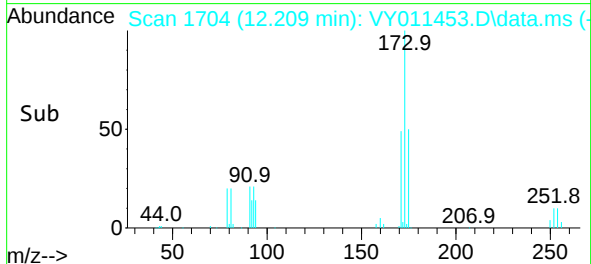
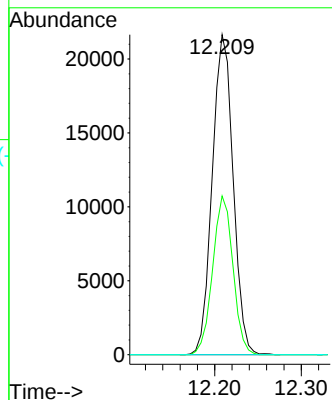
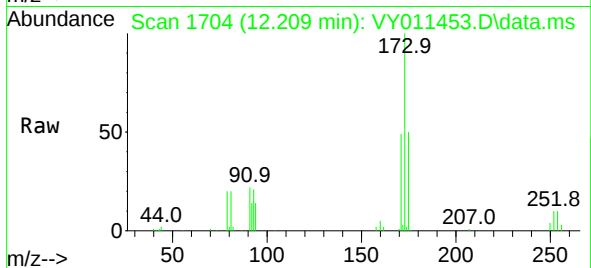
Tgt Ion:173 Resp: 36229

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

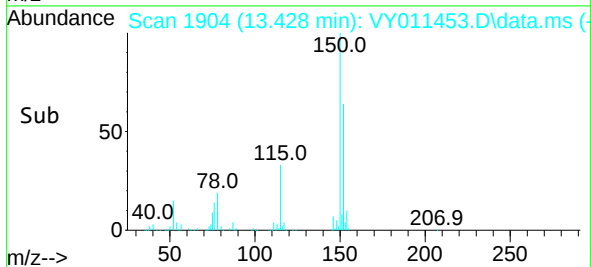
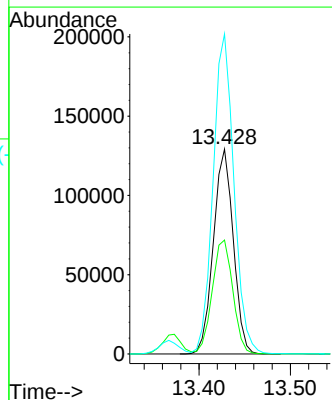
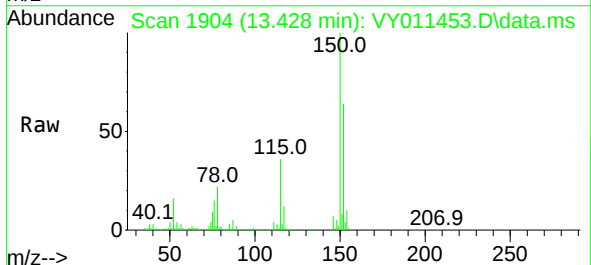
Tgt Ion:152 Resp: 195442

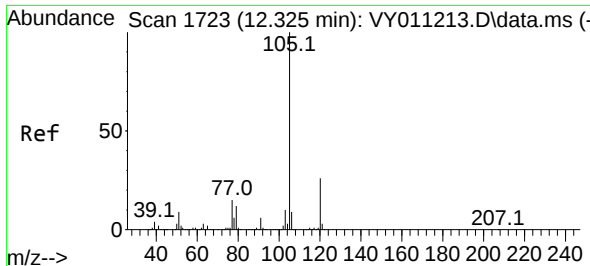
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 163.3 0.0 347.6

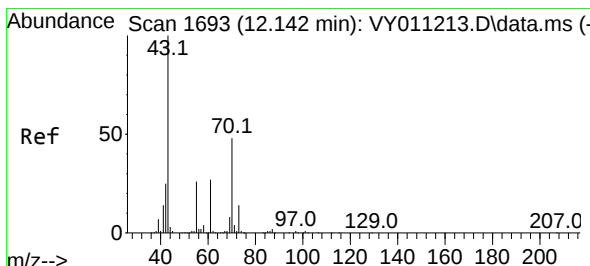
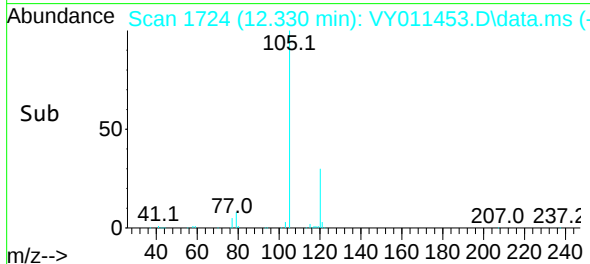
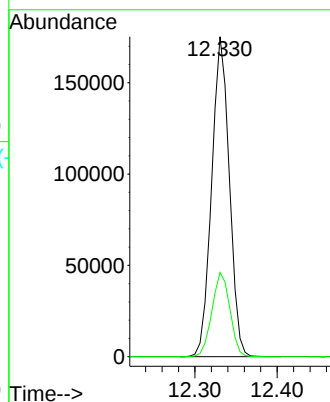
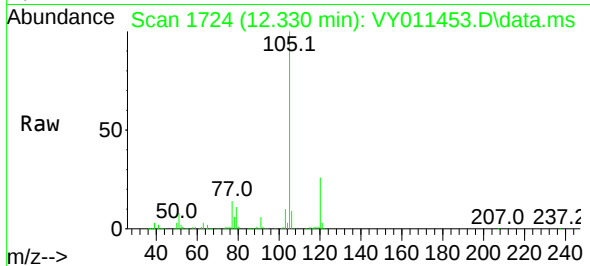




#73
Isopropylbenzene
Concen: 19.339 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

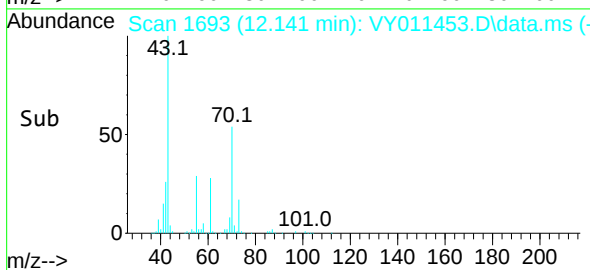
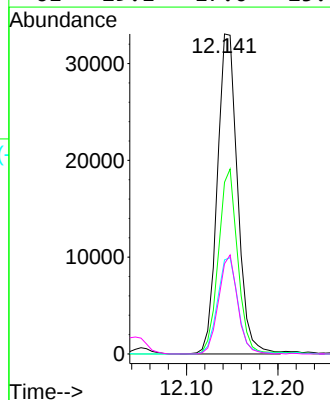
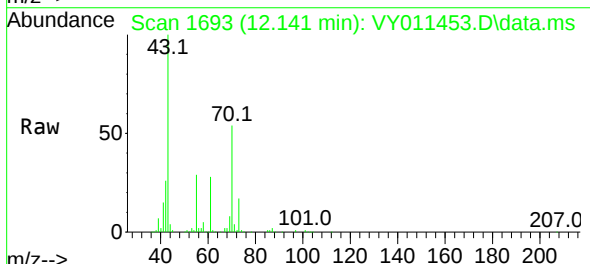
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

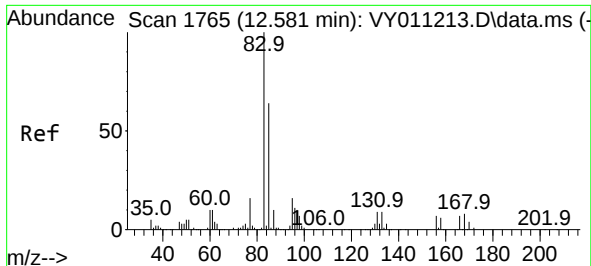
Tgt Ion:105 Resp: 261242
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 17.895 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 43 Resp: 50858
Ion Ratio Lower Upper
43 100
70 55.5 28.7 43.1#
55 30.7 17.3 25.9#
61 29.1 17.0 25.6#

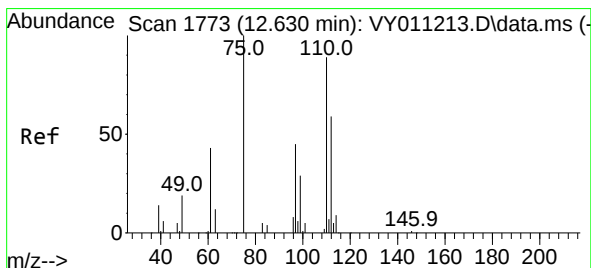
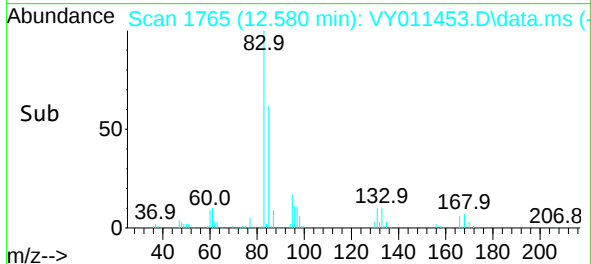
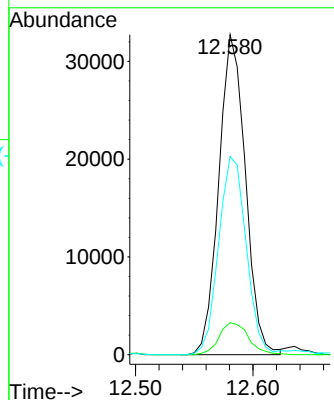
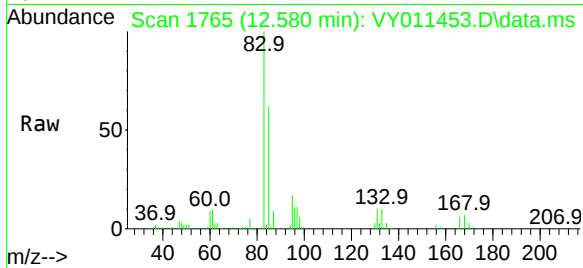




#75
1,1,2,2-Tetrachloroethane
Concen: 19.873 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

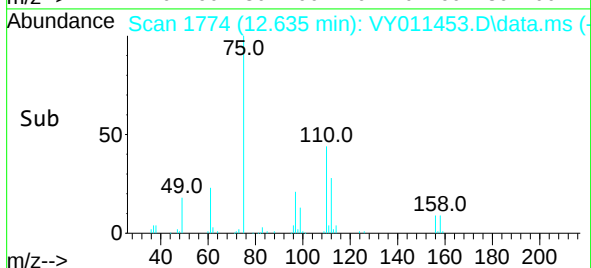
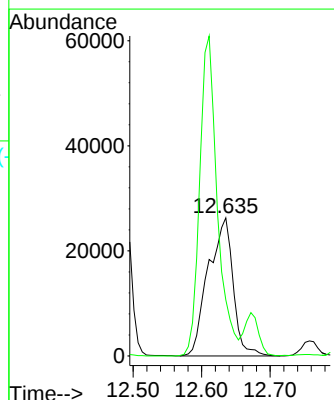
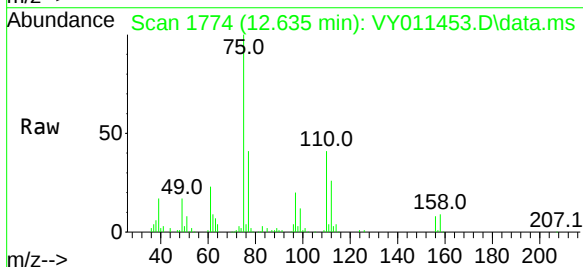
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

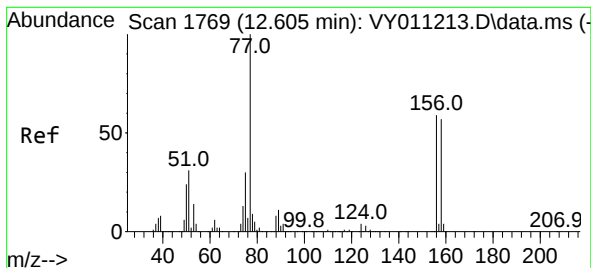
Tgt Ion: 83 Resp: 51579
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 29.259 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 75 Resp: 66193
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.611 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

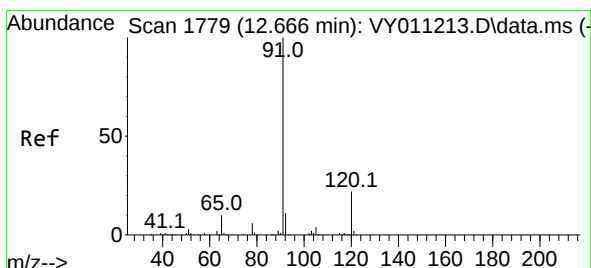
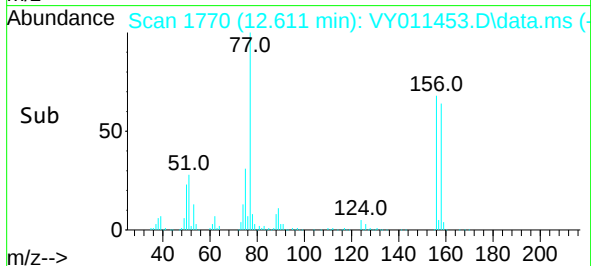
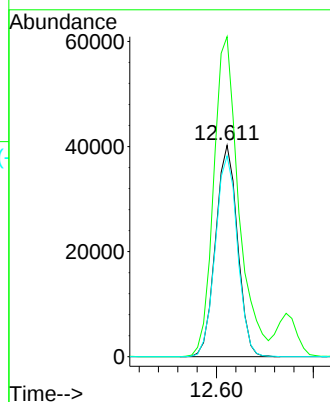
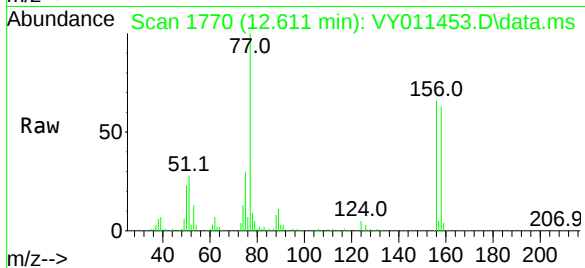
Tgt Ion:156 Resp: 63350

Ion Ratio Lower Upper

156 100

77 172.8 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.494 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011453.D

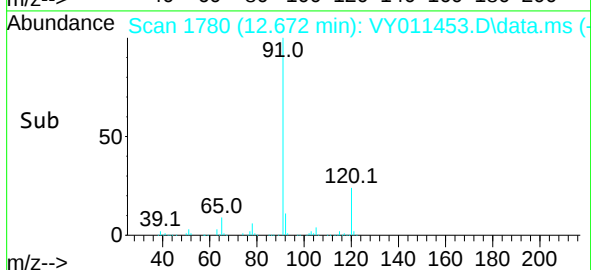
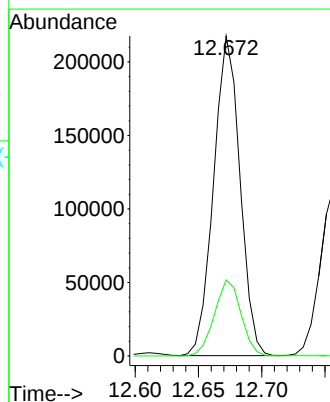
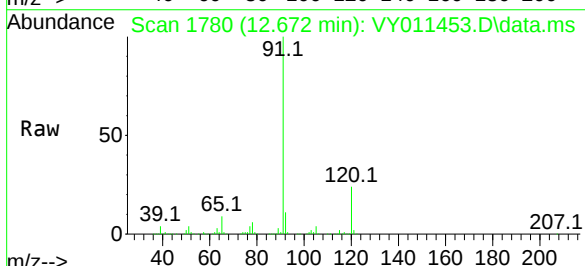
Acq: 15 Nov 2022 13:20

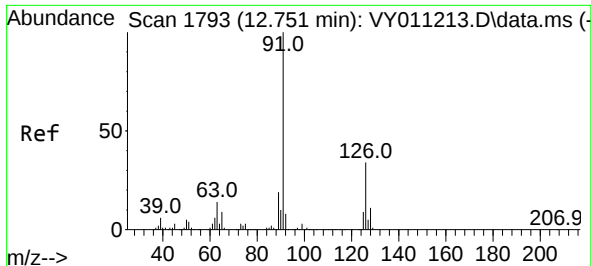
Tgt Ion: 91 Resp: 314200

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

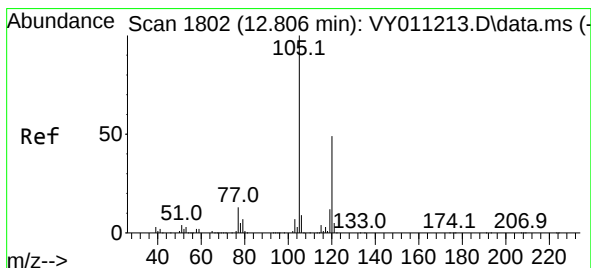
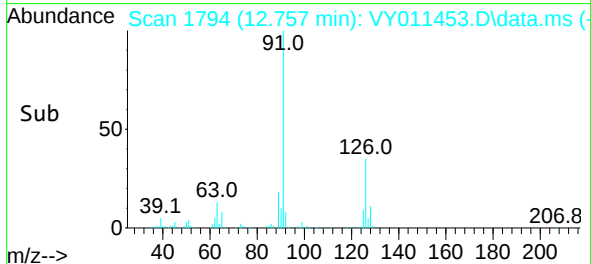
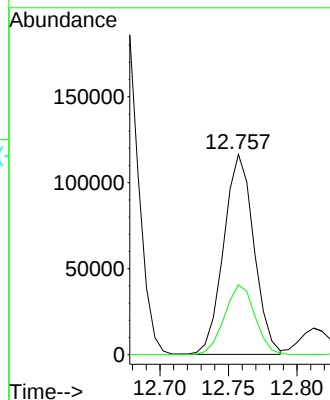
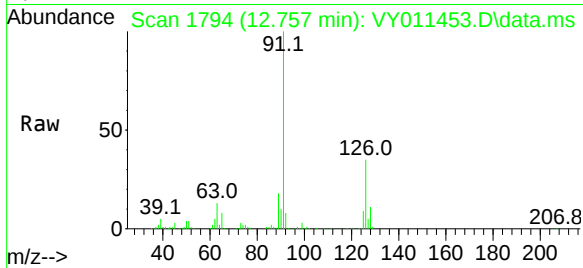




#79
2-Chlorotoluene
Concen: 19.369 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

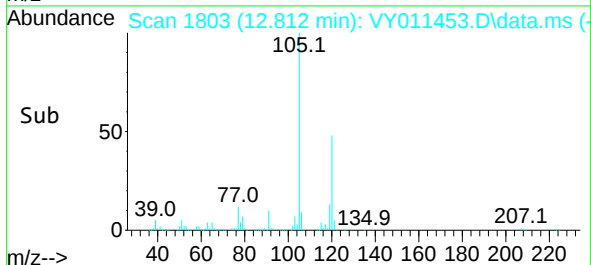
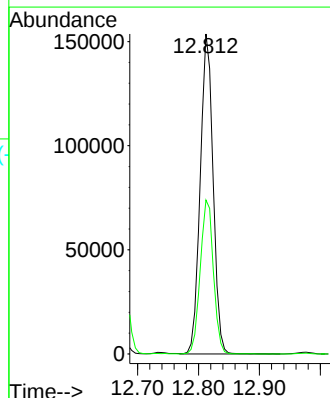
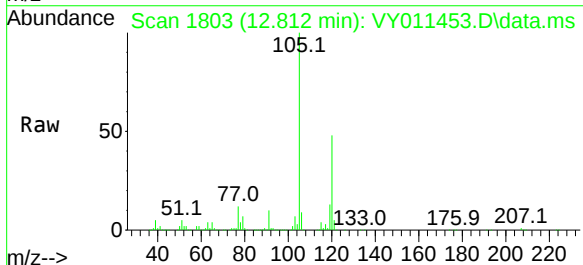
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

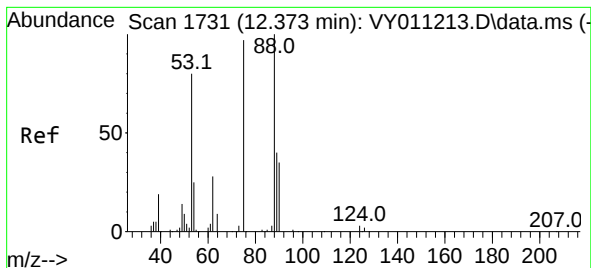
Tgt Ion: 91 Resp: 178546
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 105 Resp: 225713
Ion Ratio Lower Upper
105 100
120 49.2 24.4 73.4

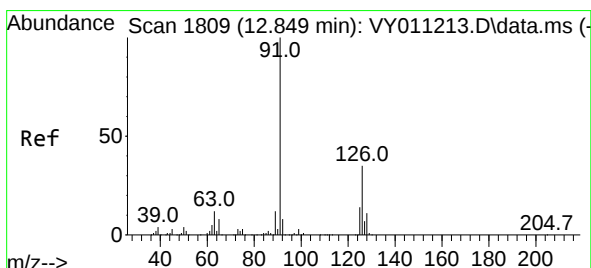
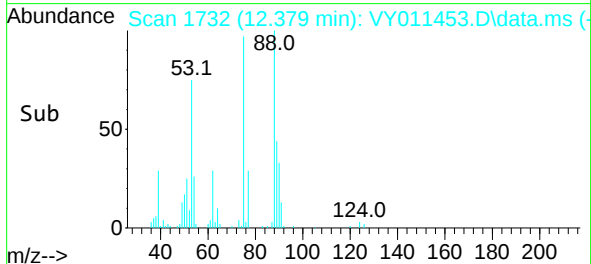
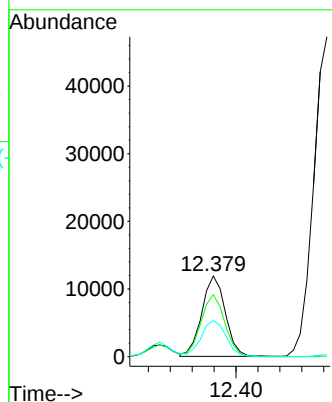
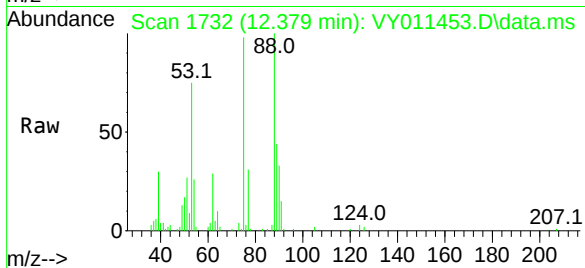




#81
trans-1,4-Dichloro-2-butene
Concen: 18.710 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

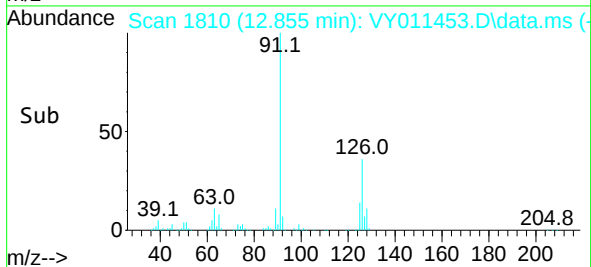
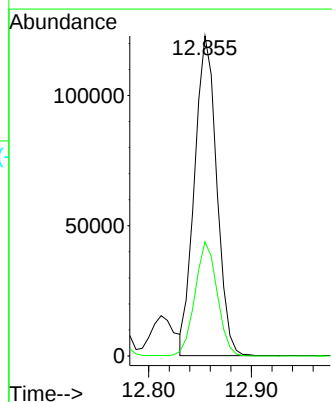
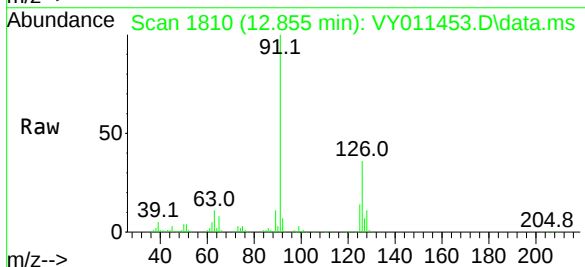
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

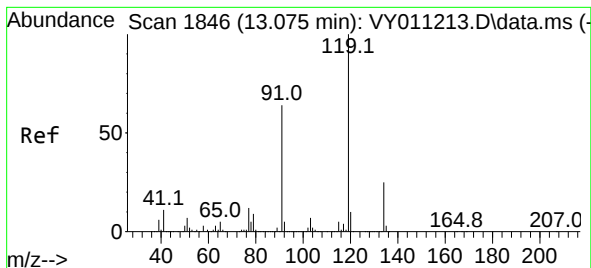
Tgt Ion: 75 Resp: 17609
Ion Ratio Lower Upper
75 100
53 78.9 85.3 127.9#
89 47.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.251 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 91 Resp: 184218
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.299 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

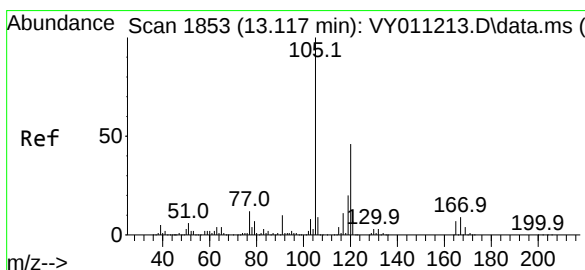
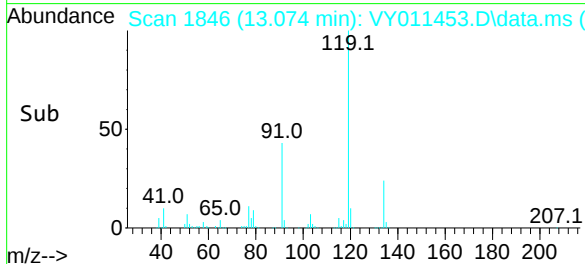
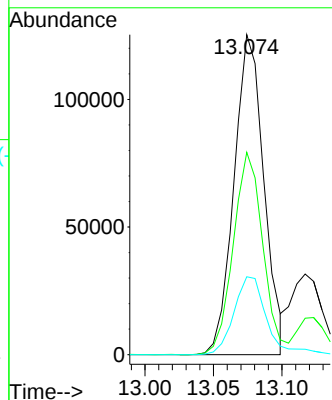
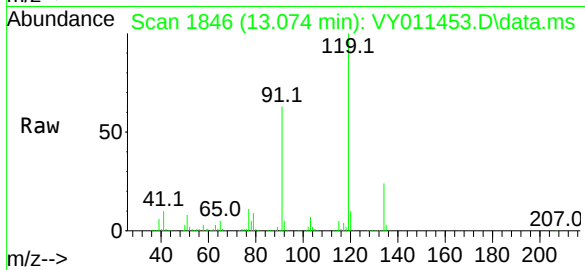
Tgt Ion:119 Resp: 190109

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.758 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY011453.D

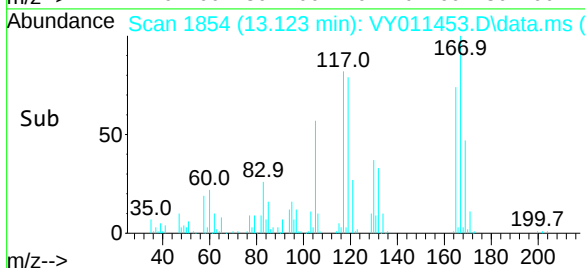
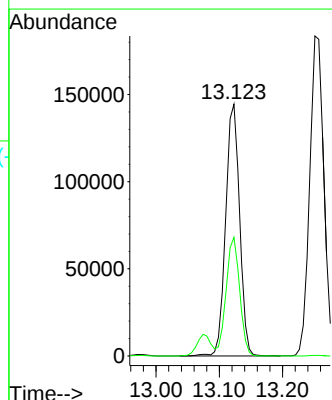
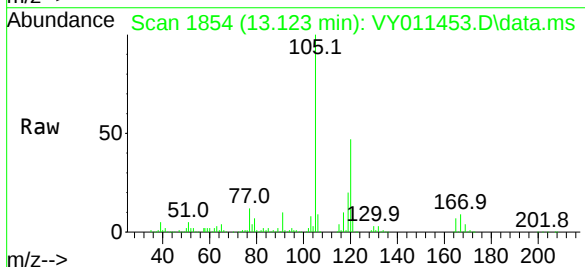
Acq: 15 Nov 2022 13:20

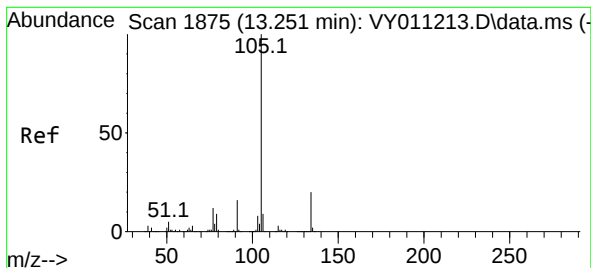
Tgt Ion:105 Resp: 220963

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.664 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

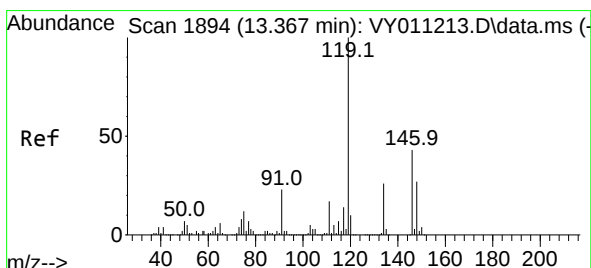
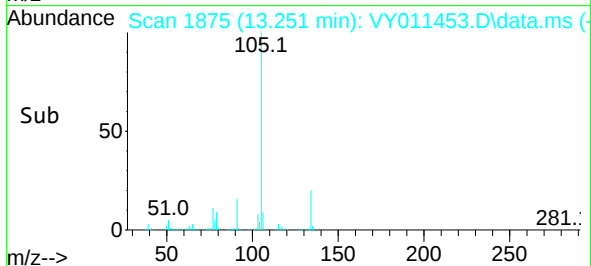
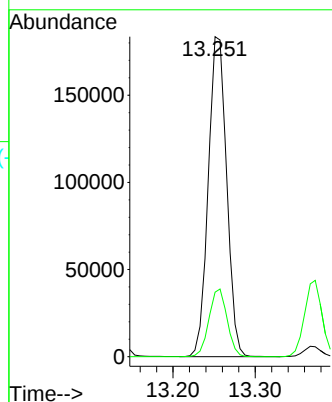
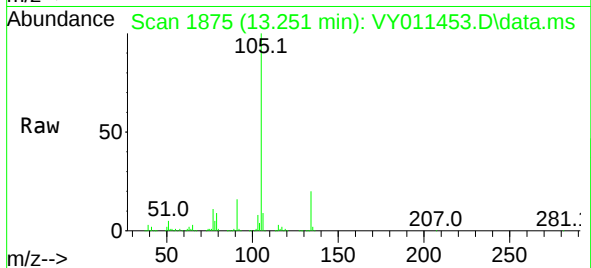
VY1115SBS01

Tgt Ion:105 Resp: 285136

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.938 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

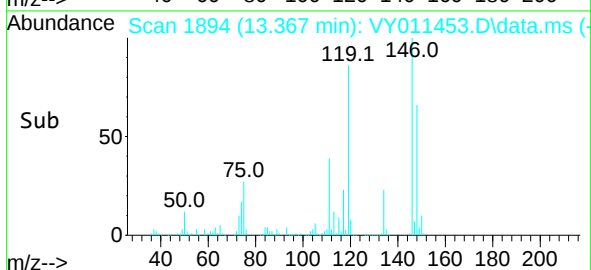
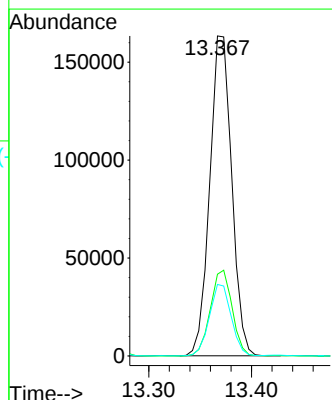
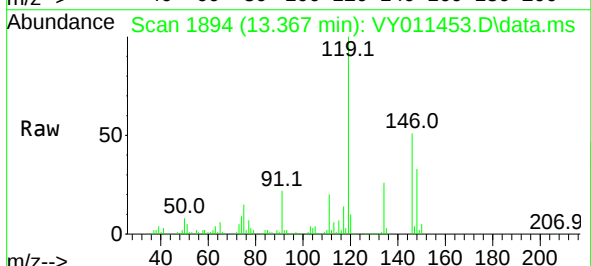
Tgt Ion:119 Resp: 242332

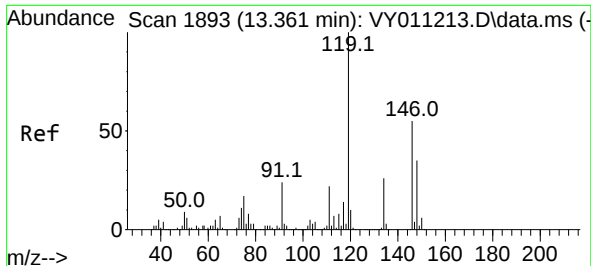
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.1 12.4 37.2

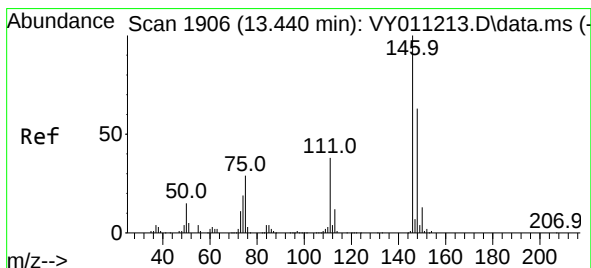
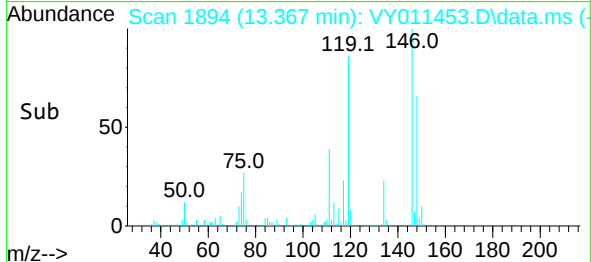
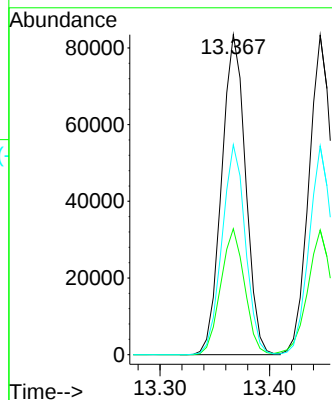
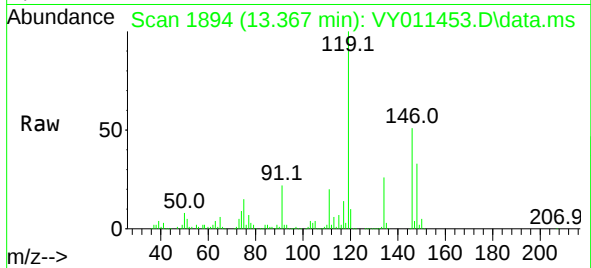




#87
1,3-Dichlorobenzene
Concen: 19.706 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

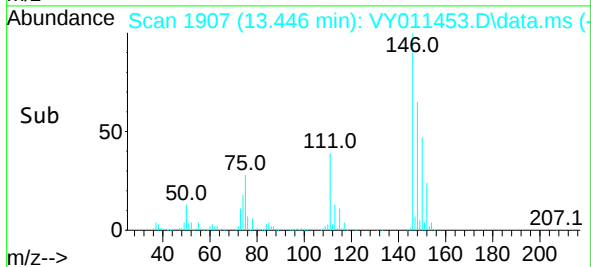
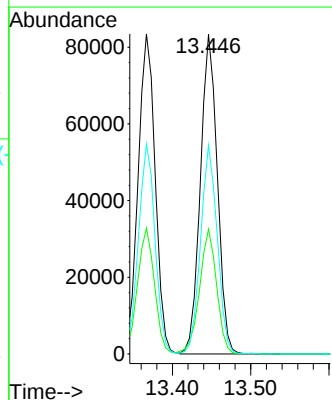
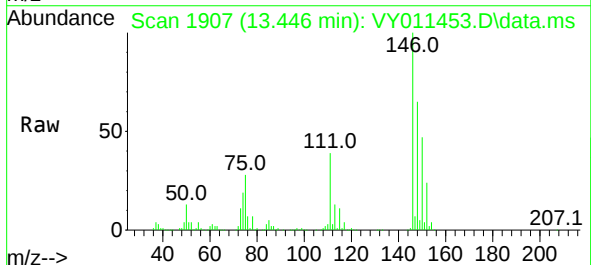
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

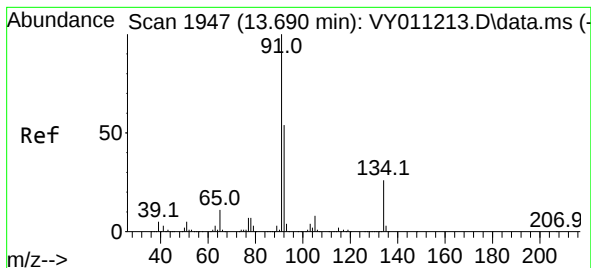
Tgt Ion:146 Resp: 127069
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.679 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion:146 Resp: 125492
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.8
148 64.5 32.6 97.8





#89

n-Butylbenzene

Concen: 19.794 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

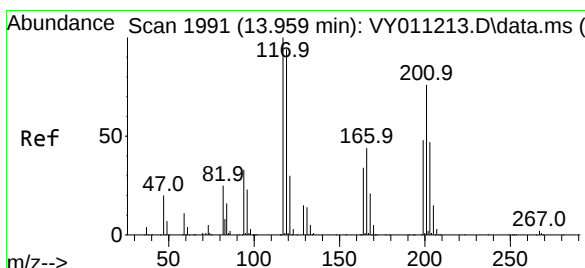
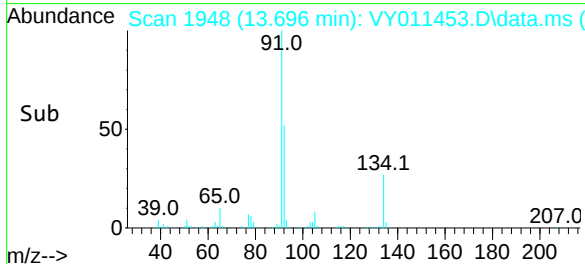
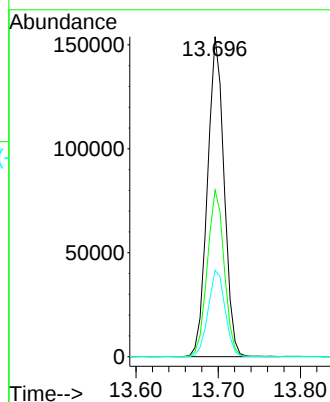
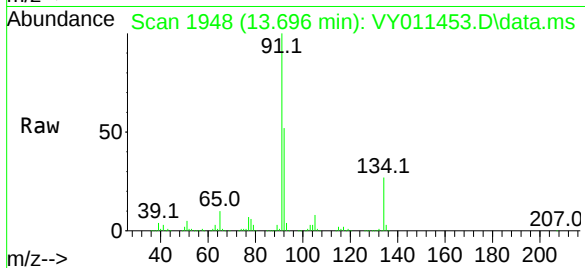
Tgt Ion: 91 Resp: 216177

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 19.666 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY011453.D

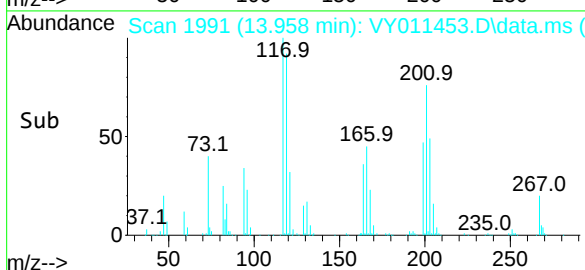
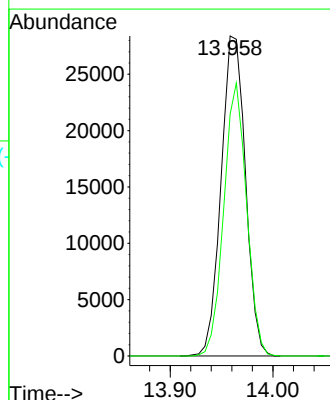
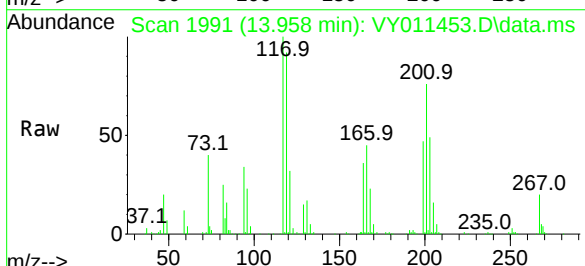
Acq: 15 Nov 2022 13:20

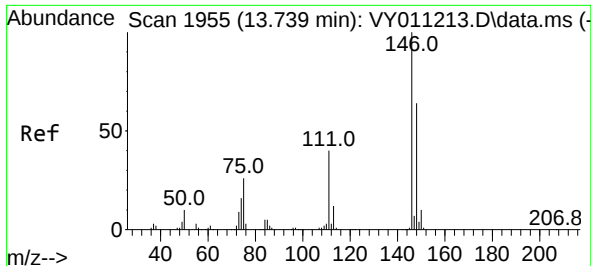
Tgt Ion: 117 Resp: 46768

Ion Ratio Lower Upper

117 100

201 79.7 43.0 128.8

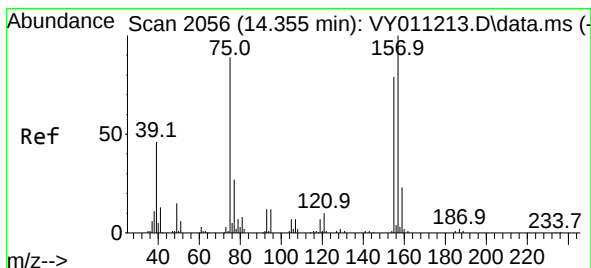
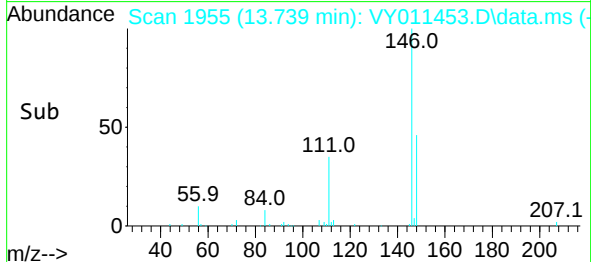
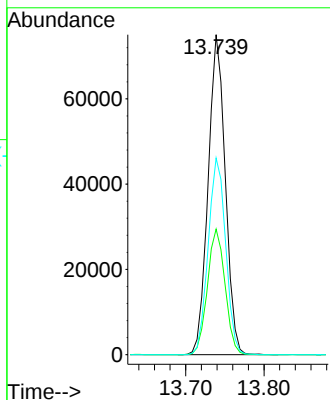
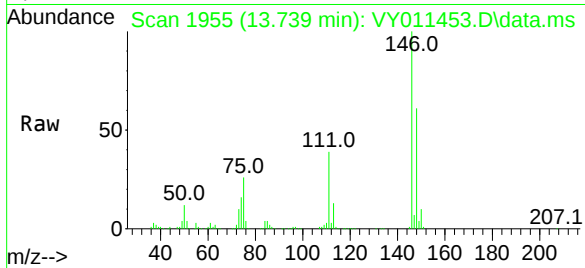




#91
1,2-Dichlorobenzene
Concen: 19.963 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

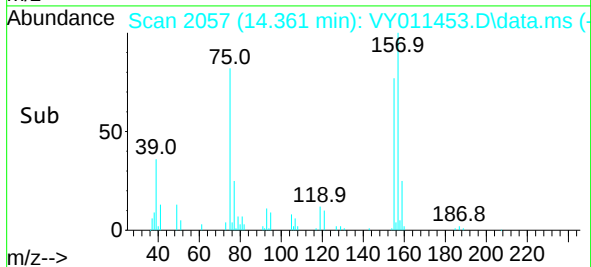
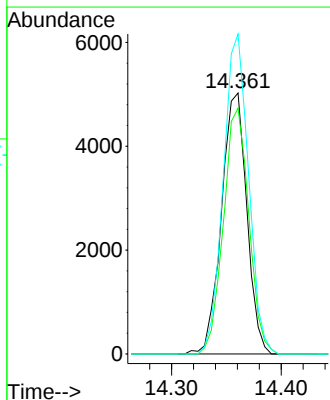
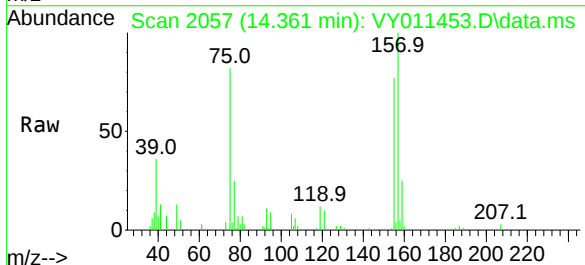
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

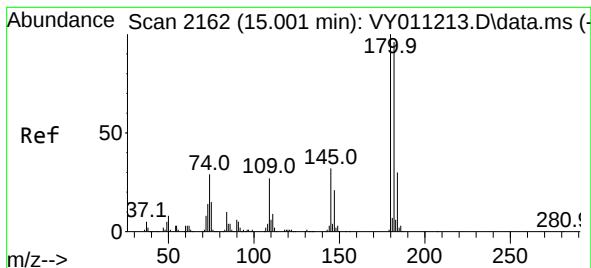
Tgt Ion:146 Resp: 114196
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 62.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.065 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011453.D
Acq: 15 Nov 2022 13:20

Tgt Ion: 75 Resp: 8062
Ion Ratio Lower Upper
75 100
155 94.4 38.0 113.9
157 121.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.541 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

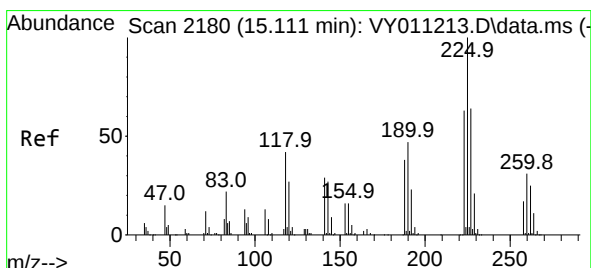
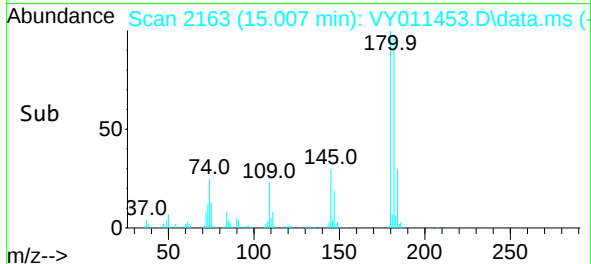
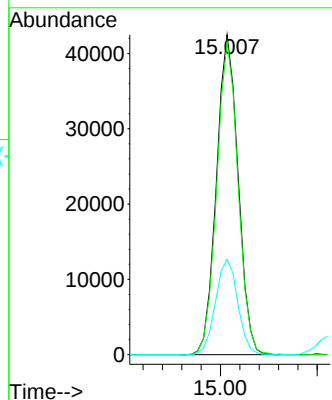
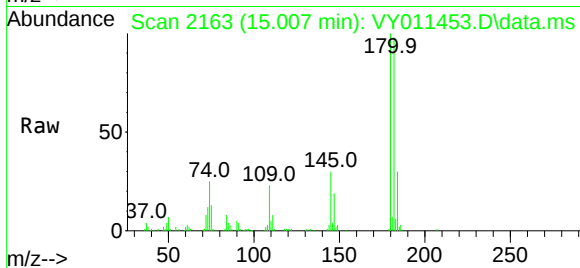
Tgt Ion:180 Resp: 65894

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.916 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

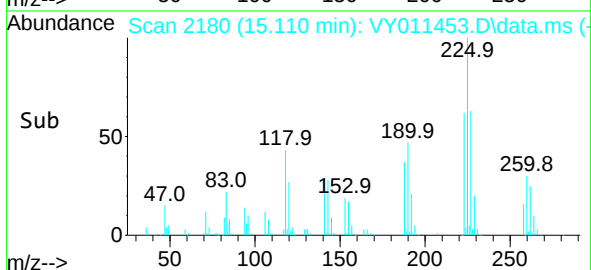
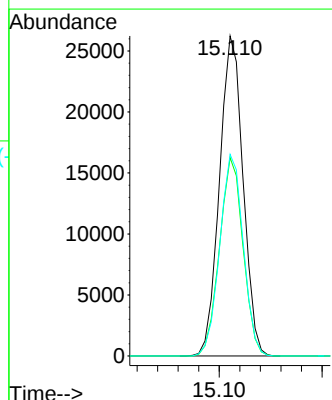
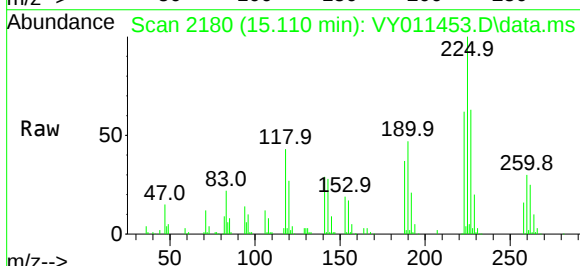
Tgt Ion:225 Resp: 41670

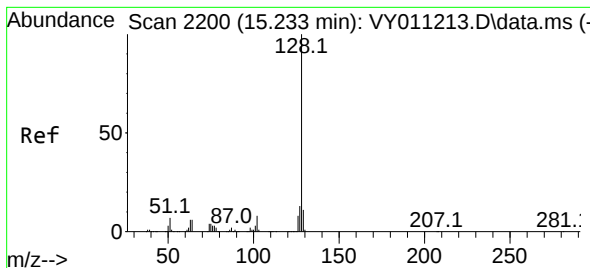
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 62.8 31.6 94.7





#95

Naphthalene

Concen: 18.993 ug/l

RT: 15.238 min Scan# 2200

Delta R.T. 0.005 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

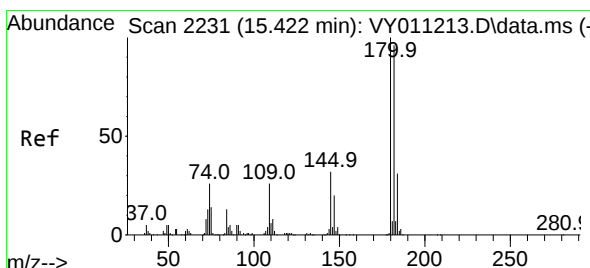
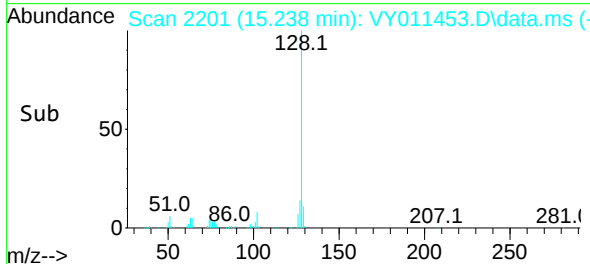
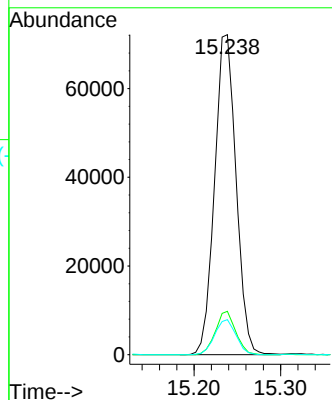
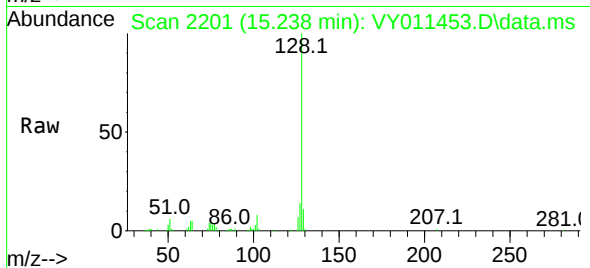
Tgt Ion:128 Resp: 124370

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.749 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY011453.D

Acq: 15 Nov 2022 13:20

Tgt Ion:180 Resp: 57510

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 31.9 15.3 45.9

