

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011452.D
 Acq On : 15 Nov 2022 12:58
 Operator : KP/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 15 15:00:43 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	7.789	168	272532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103193	45.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.380%
35) Dibromofluoromethane	7.716	113	113737	48.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.179	98	413808	45.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.483	95	154917	49.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44654	25.059	ug/l	97
3) Chloromethane	2.119	50	42904	19.588	ug/l	95
4) Vinyl Chloride	2.253	62	52773	20.439	ug/l	99
5) Bromomethane	2.644	94	38738	20.719	ug/l	99
6) Chloroethane	2.796	64	35193	20.527	ug/l	97
7) Trichlorofluoromethane	3.131	101	86176	21.153	ug/l	98
8) Diethyl Ether	3.534	74	28096	19.640	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.906	101	50434	20.420	ug/l	95
10) Methyl Iodide	4.101	142	60644	18.410	ug/l	90
11) Tert butyl alcohol	4.948	59	35227	108.265	ug/l	96
12) 1,1-Dichloroethene	3.875	96	47552	19.445	ug/l #	80
13) Acrolein	3.735	56	10472	137.379	ug/l	100
14) Allyl chloride	4.479	41	63025	19.098	ug/l #	81
15) Acrylonitrile	5.168	53	67679	99.011	ug/l	97
16) Acetone	3.948	43	62199	103.212	ug/l #	79
17) Carbon Disulfide	4.198	76	135073	18.544	ug/l	99
18) Methyl Acetate	4.485	43	35408	20.521	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	125843	19.677	ug/l	92
20) Methylene Chloride	4.716	84	92425	24.374	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	54719	19.625	ug/l #	81
22) Diisopropyl ether	6.119	45	139526	19.810	ug/l #	93
23) Vinyl Acetate	6.064	43	394952	95.854	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	93078	20.294	ug/l	99
25) 2-Butanone	6.990	43	85843	100.003	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	86881	20.256	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	61919	19.733	ug/l	85
28) Bromochloromethane	7.338	49	30603	18.373	ug/l #	67
29) Tetrahydrofuran	7.350	42	50619	97.348	ug/l #	76
30) Chloroform	7.509	83	99528	20.518	ug/l	98
31) Cyclohexane	7.789	56	77366	18.853	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	89380	20.373	ug/l	94
36) 1,1-Dichloropropene	7.923	75	74299	20.216	ug/l	96
37) Ethyl Acetate	7.076	43	35221	19.950	ug/l #	90
38) Carbon Tetrachloride	7.905	117	83214	20.815	ug/l	99
39) Methylcyclohexane	9.185	83	88922	19.801	ug/l #	87
40) Benzene	8.161	78	222286	20.253	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	45793	50.090	ug/l #	14
42) 1,2-Dichloroethane	8.240	62	58045	20.181	ug/l	89
43) Isopropyl Acetate	8.277	43	61656	19.359	ug/l #	83
44) Trichloroethene	8.941	130	62576	20.297	ug/l	97
45) 1,2-Dichloropropane	9.216	63	52574	20.127	ug/l	96
46) Dibromomethane	9.307	93	31330	20.600	ug/l	98
47) Bromodichloromethane	9.496	83	74733	20.510	ug/l	99
48) Methyl methacrylate	9.295	41	28399	19.842	ug/l #	71
49) 1,4-Dioxane	9.301	88	8062	388.295	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	173000	101.010	ug/l #	83
52) Toluene	10.246	92	144980	20.686	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	76086	20.251	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	87279	20.127	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	46241	20.996	ug/l	98
56) Ethyl methacrylate	10.514	69	55207	19.494	ug/l #	69
57) 1,3-Dichloropropane	10.795	76	75496	20.549	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	126751	96.821	ug/l	91
59) 2-Hexanone	10.831	43	123703	101.955	ug/l	79
60) Dibromochloromethane	10.984	129	57106	21.006	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43686	20.630	ug/l	99
64) Tetrachloroethene	10.721	164	62837	20.590	ug/l	94
65) Chlorobenzene	11.520	112	157960	20.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58825	20.575	ug/l	99
67) Ethyl Benzene	11.593	91	271788	20.354	ug/l	99
68) m/p-Xylenes	11.703	106	215466	41.159	ug/l	93
69) o-Xylene	12.032	106	100739	20.403	ug/l	92
70) Styrene	12.044	104	170616	20.556	ug/l	95
71) Bromoform	12.209	173	36729	20.726	ug/l #	99
73) Isopropylbenzene	12.331	105	271730	20.142	ug/l	100
74) N-amyl acetate	12.142	43	52366	18.450	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.581	83	52772	20.360	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69256	30.653	ug/l #	100
77) Bromobenzene	12.611	156	64343	19.945	ug/l	92
78) n-propylbenzene	12.672	91	328097	20.382	ug/l	97
79) 2-Chlorotoluene	12.758	91	183395	19.921	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	233434	20.515	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18358	19.531	ug/l #	81
82) 4-Chlorotoluene	12.855	91	189473	19.826	ug/l	96
83) tert-Butylbenzene	13.075	119	197032	20.028	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	228772	20.483	ug/l	98
85) sec-Butylbenzene	13.251	105	296631	20.484	ug/l	99
86) p-Isopropyltoluene	13.367	119	251604	20.728	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	130614	20.282	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	129220	20.291	ug/l	98
89) n-Butylbenzene	13.696	91	222956	20.441	ug/l	98
90) Hexachloroethane	13.959	117	48672	20.494	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	116169	20.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8304	19.663	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	67579	20.067	ug/l	99
94) Hexachlorobutadiene	15.111	225	42953	21.588	ug/l	98
95) Naphthalene	15.239	128	128873	19.584	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	58748	20.201	ug/l	99

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Instrument :
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ClientSampleId :
VY1115SBS01

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

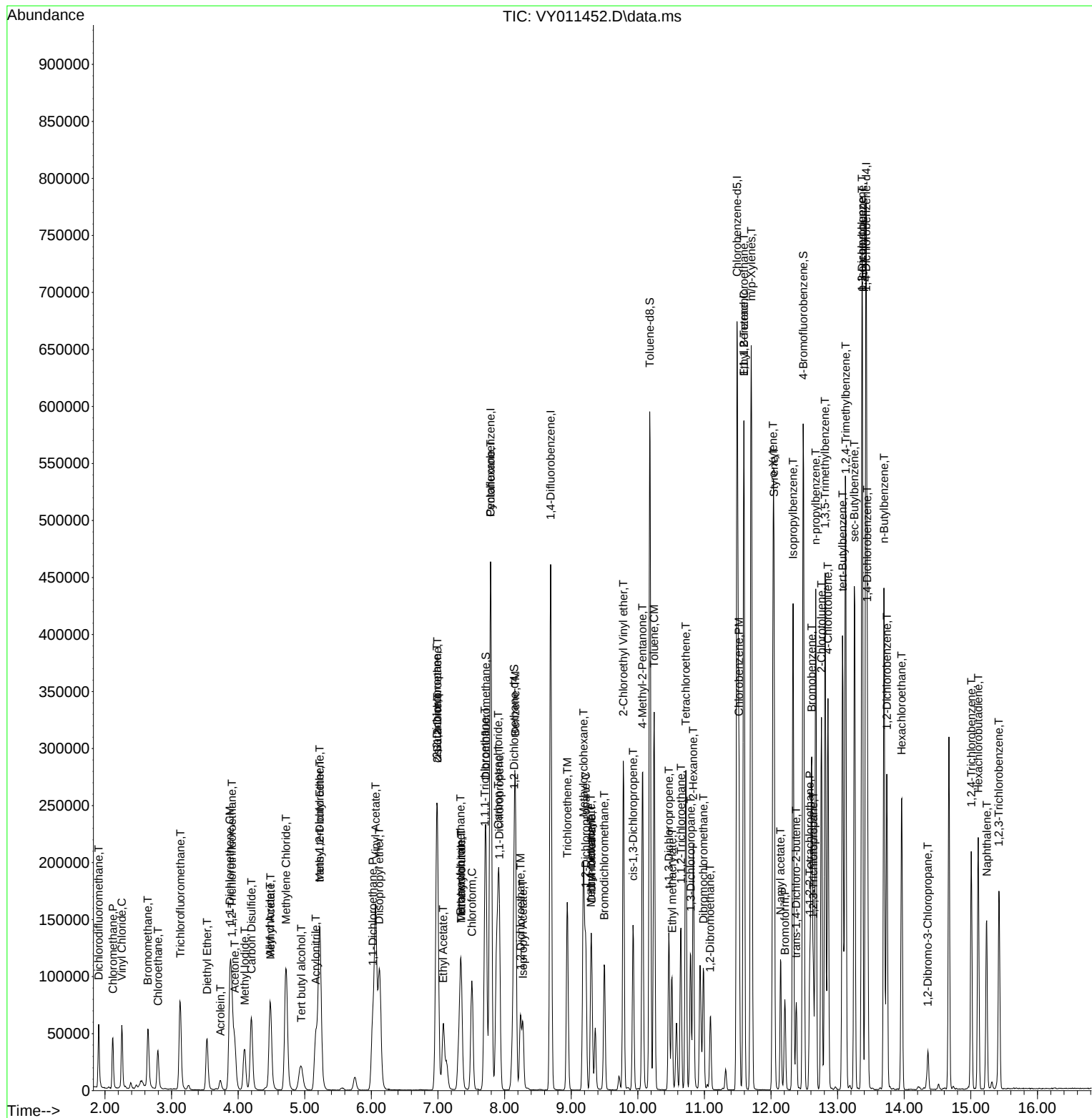
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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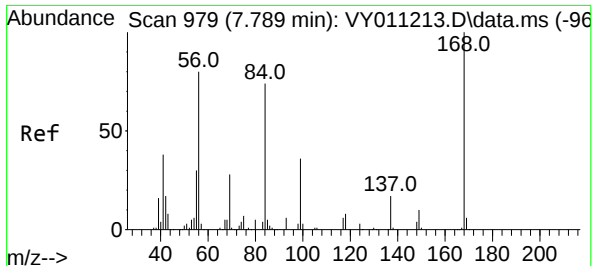
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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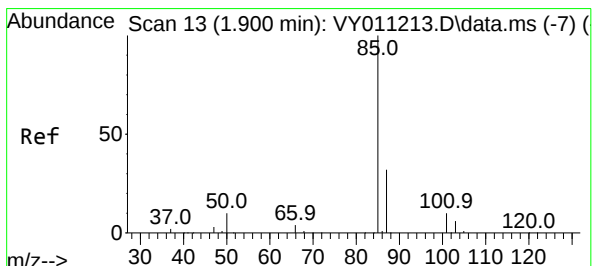
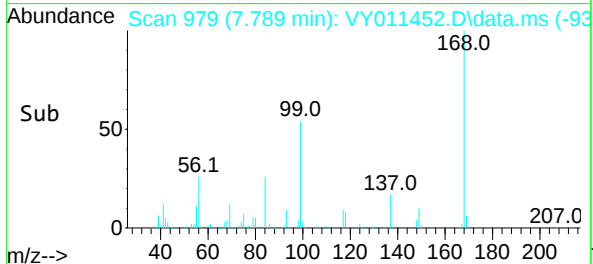
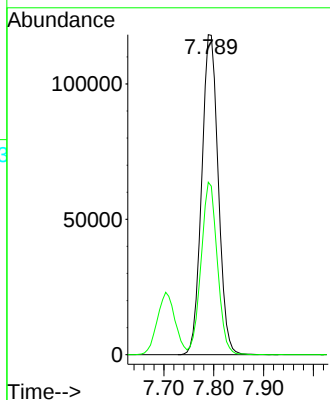
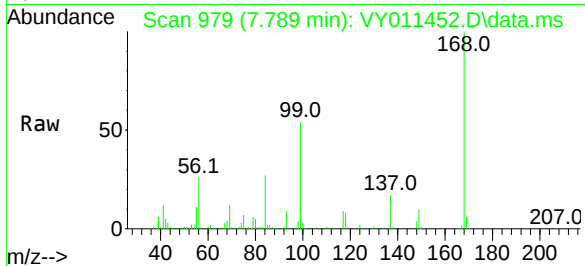




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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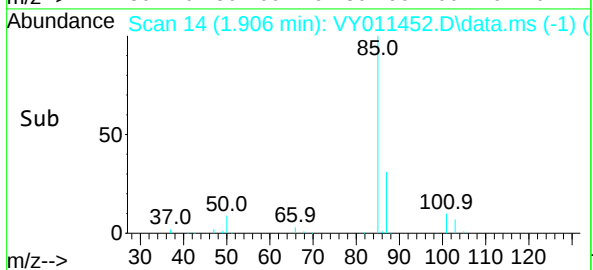
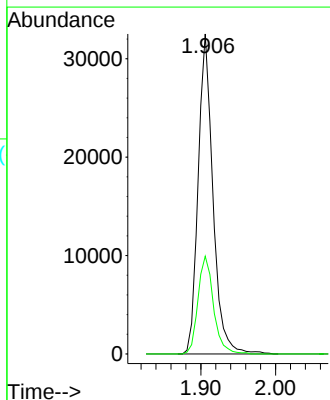
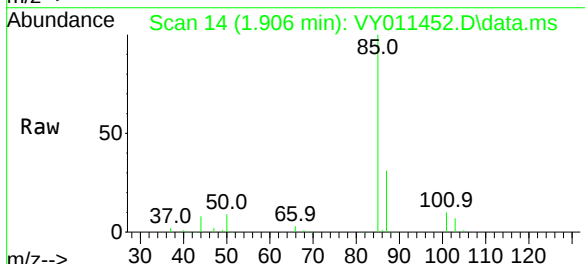
Instrument :
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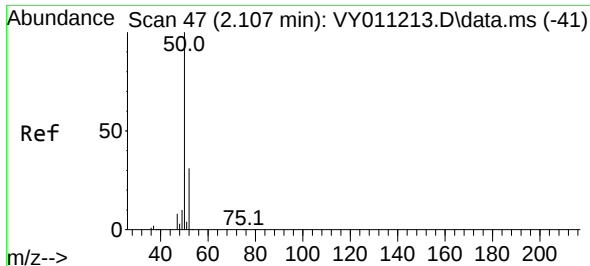
Tgt Ion:168 Resp: 272532
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 25.059 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 85 Resp: 44654
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

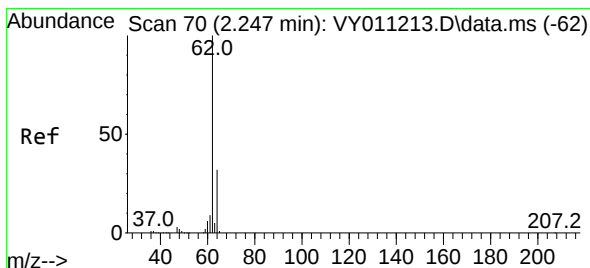
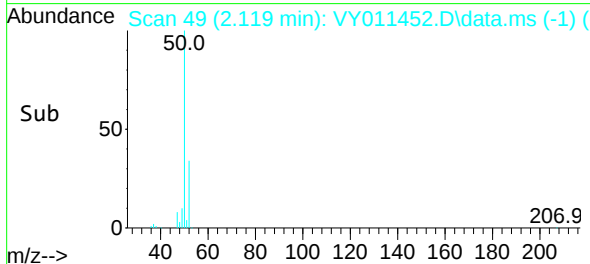
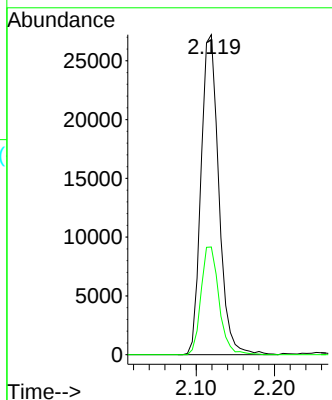
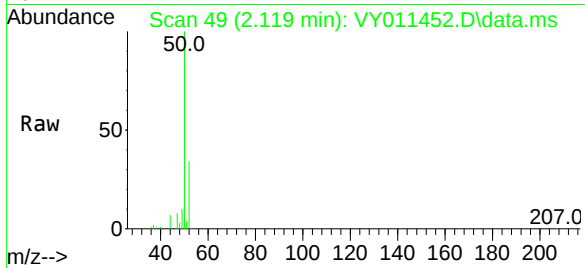




#3
Chloromethane
Concen: 19.588 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

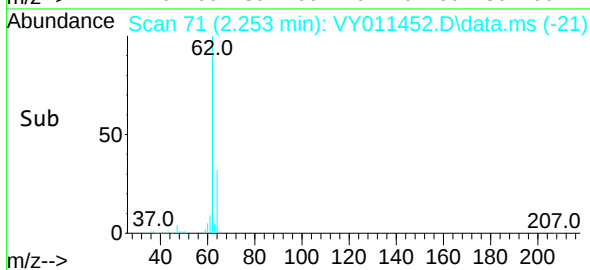
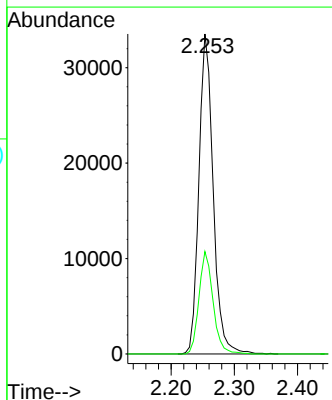
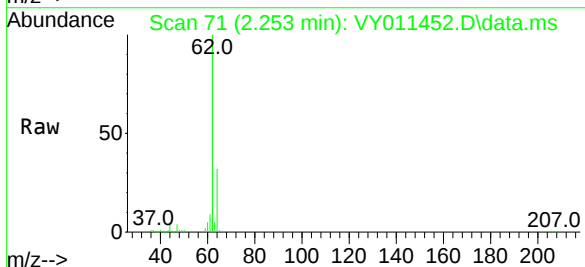
Instrument :
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ClientSampleId :
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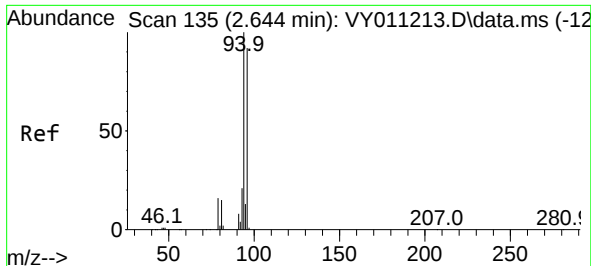
Tgt Ion: 50 Resp: 42904
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0



#4
Vinyl Chloride
Concen: 20.439 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 62 Resp: 52773
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

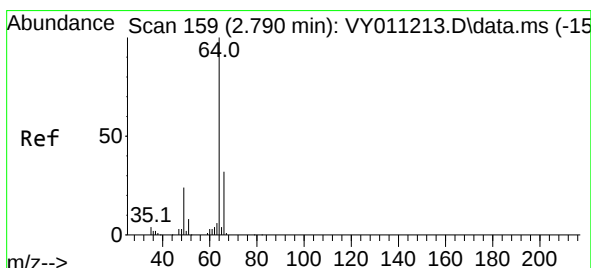
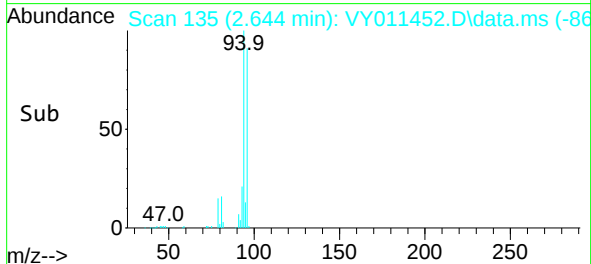
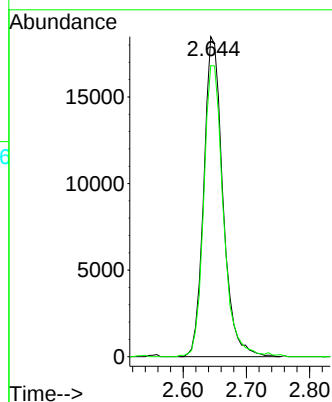
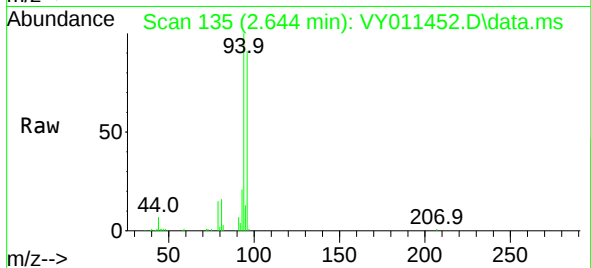




#5
Bromomethane
Concen: 20.719 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011452.D
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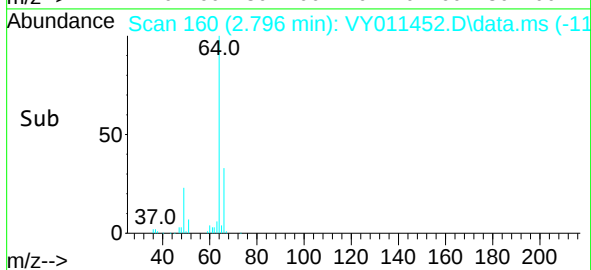
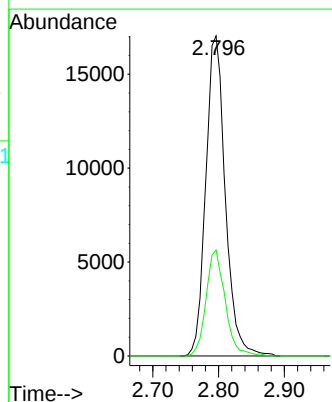
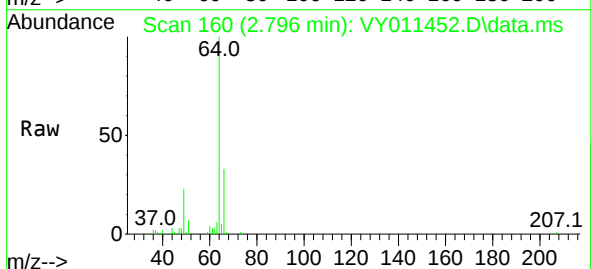
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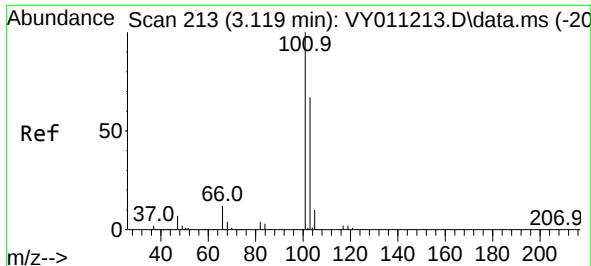
Tgt Ion: 94 Resp: 38738
Ion Ratio Lower Upper
94 100
96 90.5 73.5 110.3



#6
Chloroethane
Concen: 20.527 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY011452.D
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Tgt Ion: 64 Resp: 35193
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.0

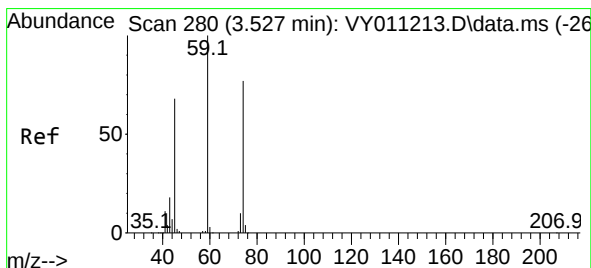
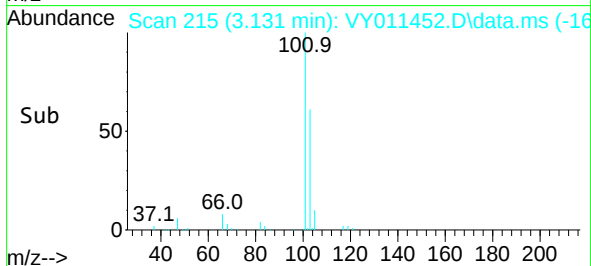
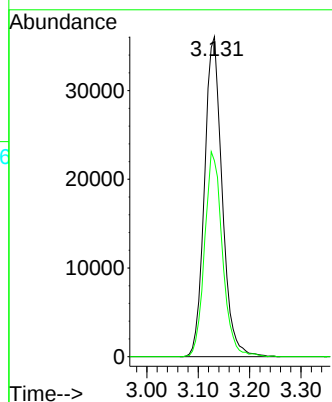
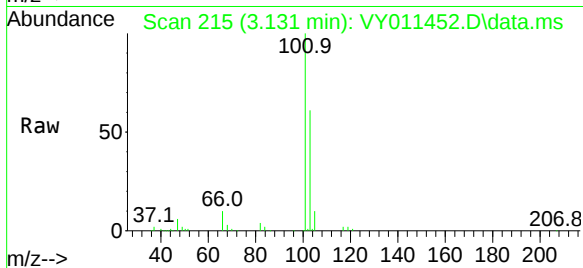




#7
Trichlorofluoromethane
Concen: 21.153 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

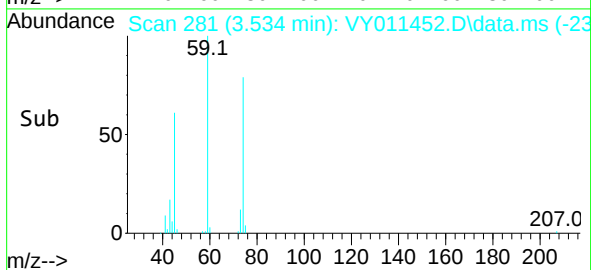
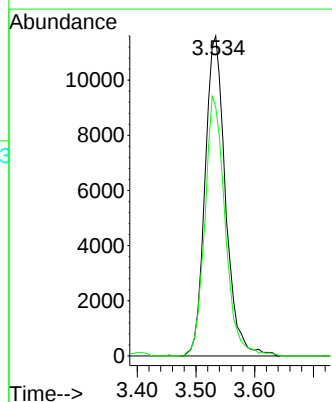
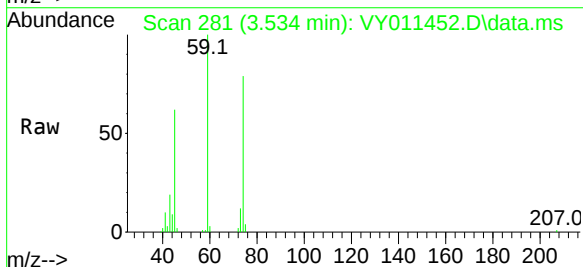
Instrument :
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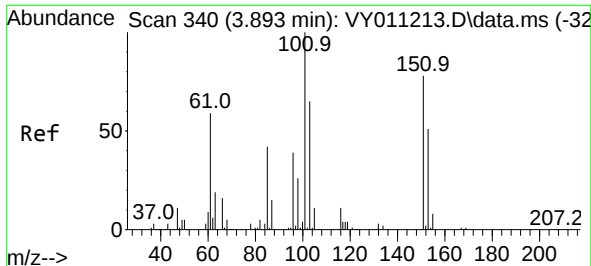
Tgt Ion:101 Resp: 86176
Ion Ratio Lower Upper
101 100
103 61.2 48.0 72.0



#8
Diethyl Ether
Concen: 19.640 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 74 Resp: 28096
Ion Ratio Lower Upper
74 100
45 80.7 55.1 165.5

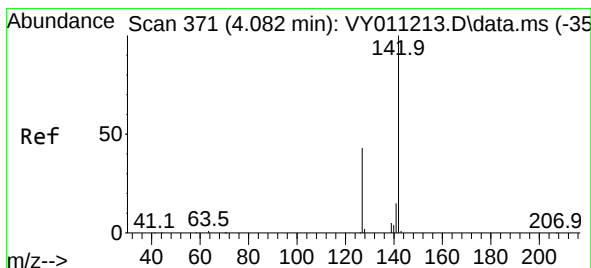
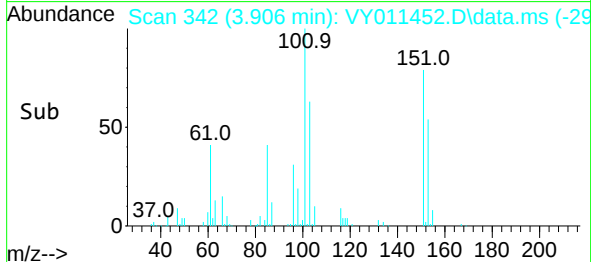
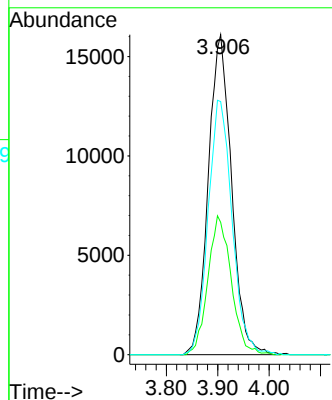
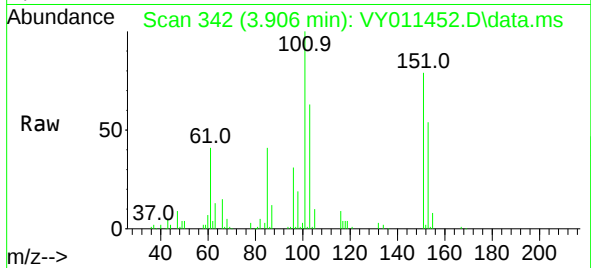




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.420 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.013 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

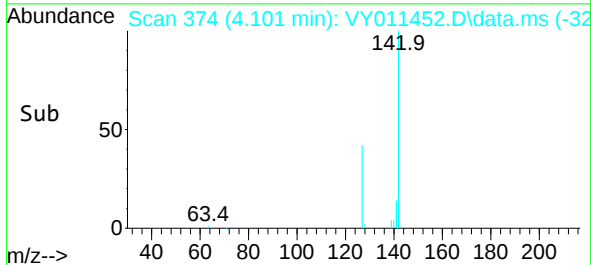
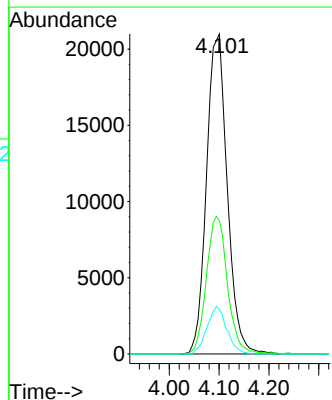
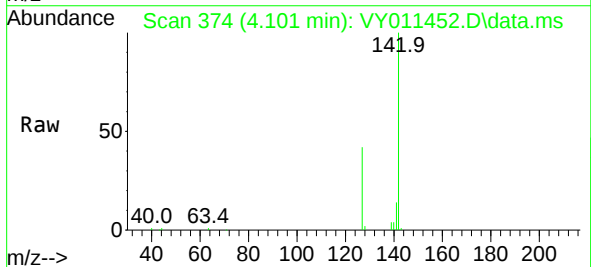
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

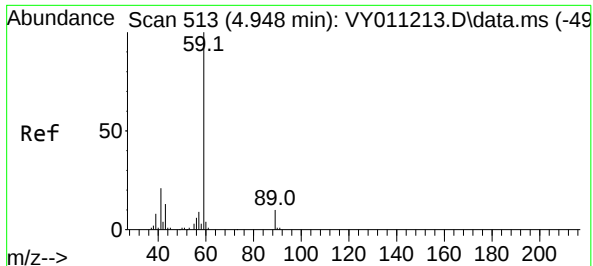
Tgt Ion:101 Resp: 50434
Ion Ratio Lower Upper
101 100
85 43.7 40.6 60.8
151 82.1 64.9 97.3



#10
Methyl Iodide
Concen: 18.410 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion:142 Resp: 60644
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.1 11.9 17.9

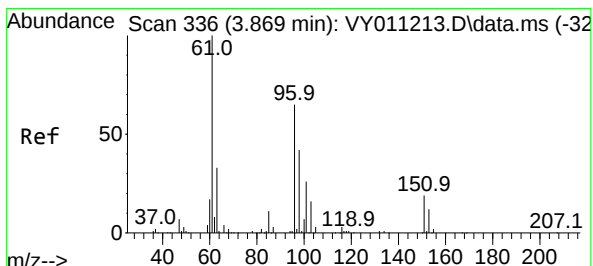
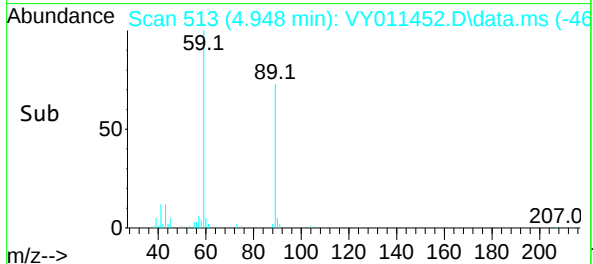
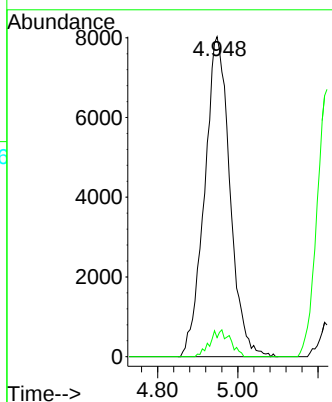
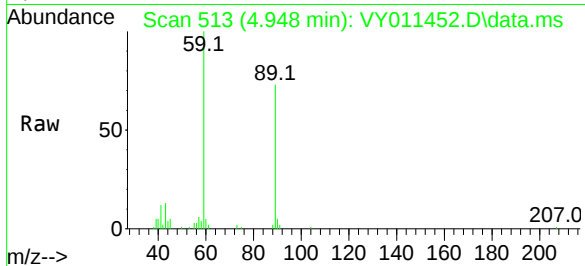




#11
Tert butyl alcohol
Concen: 108.265 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

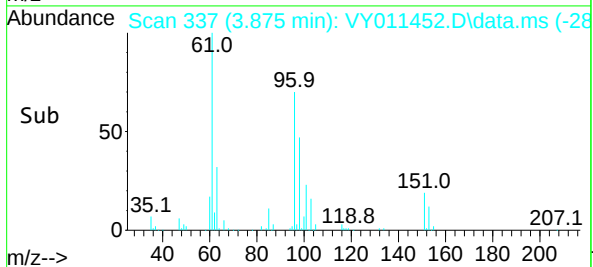
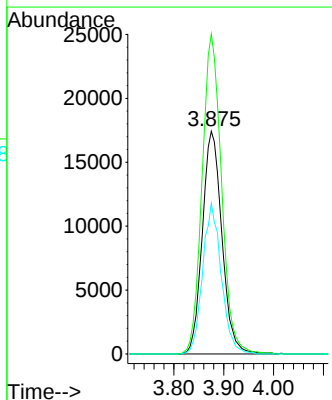
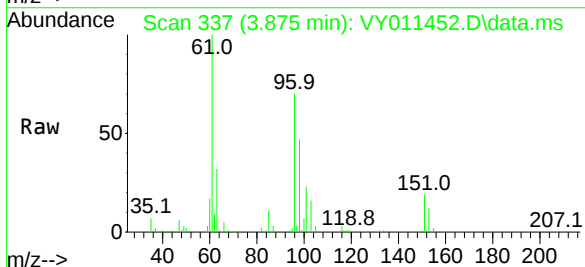
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

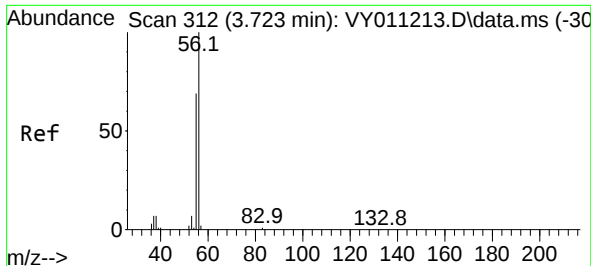
Tgt Ion: 59 Resp: 35227
Ion Ratio Lower Upper
59 100
57 6.6 6.4 9.6



#12
1,1-Dichloroethene
Concen: 19.445 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 96 Resp: 47552
Ion Ratio Lower Upper
96 100
61 143.6 145.8 218.6#
98 67.5 52.5 78.7

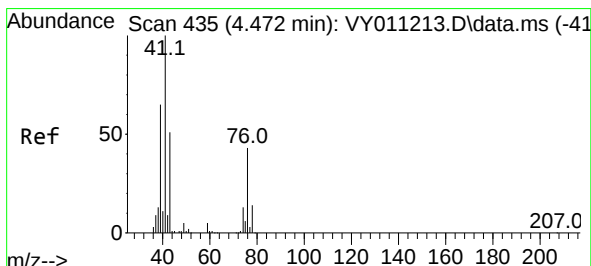
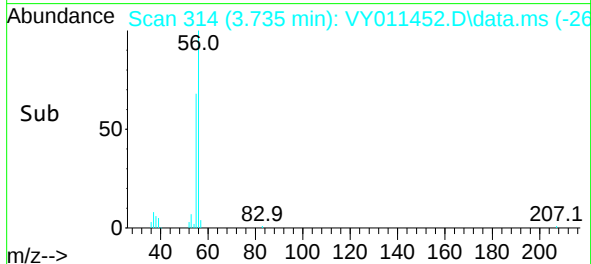
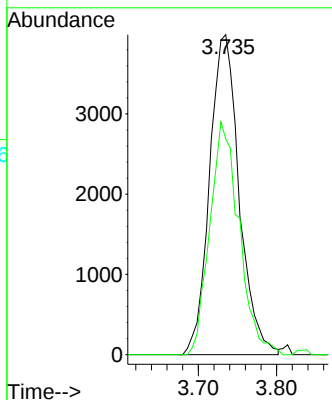
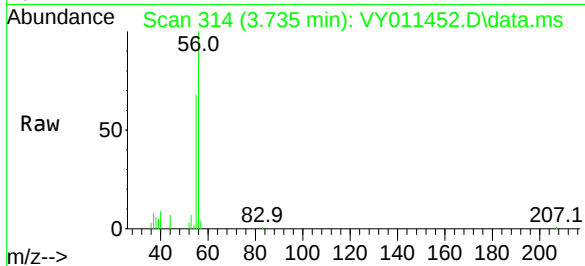




#13
Acrolein
Concen: 137.379 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

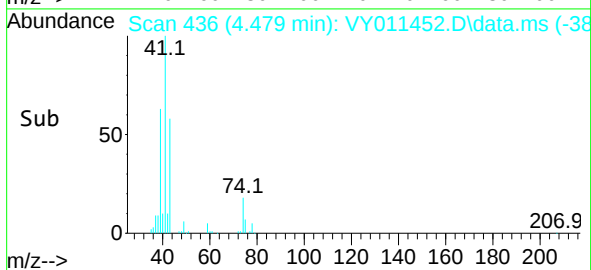
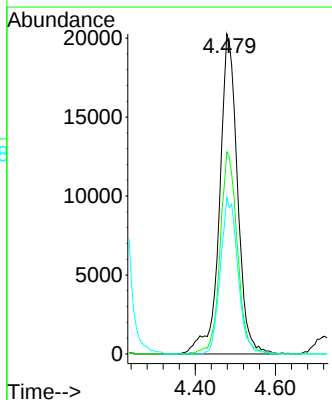
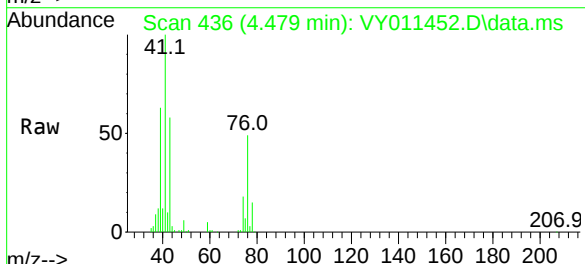
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 56 Resp: 10472
Ion Ratio Lower Upper
56 100
55 72.1 57.6 86.4



#14
Allyl chloride
Concen: 19.098 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 41 Resp: 63025
Ion Ratio Lower Upper
41 100
39 60.8 58.8 88.2
76 47.4 25.1 37.7#

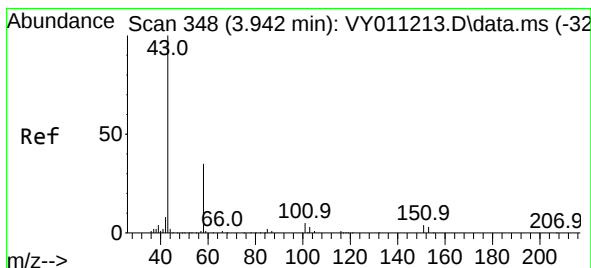
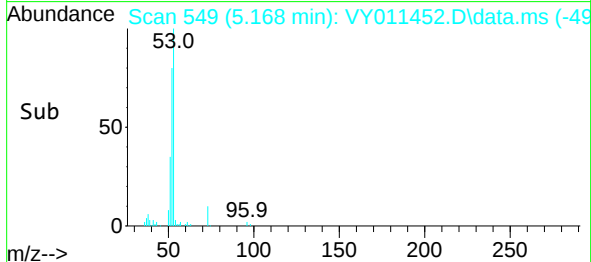
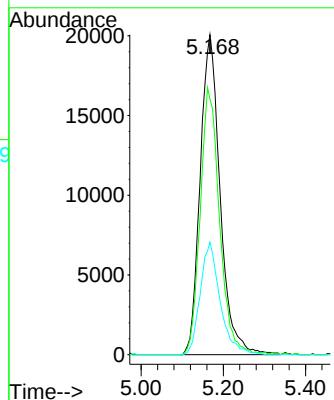
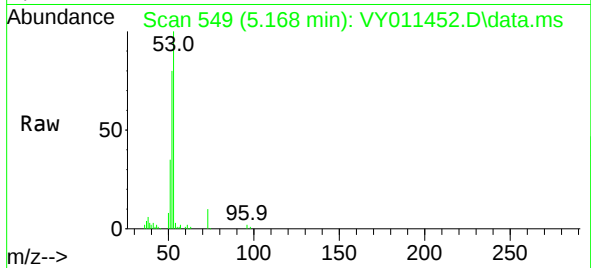




#15
Acrylonitrile
Concen: 99.011 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

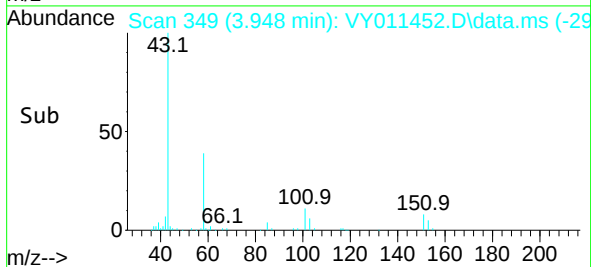
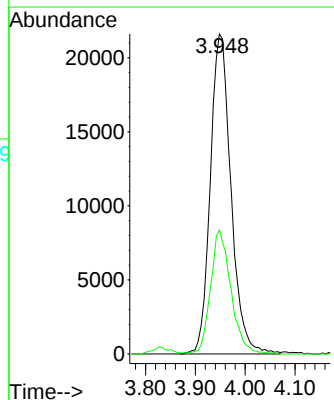
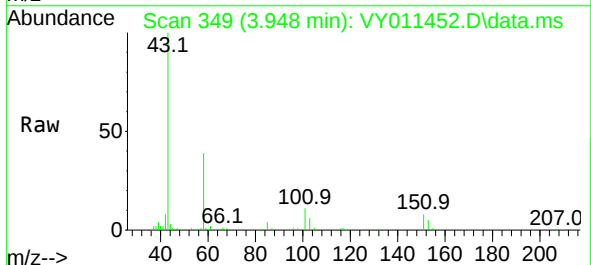
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

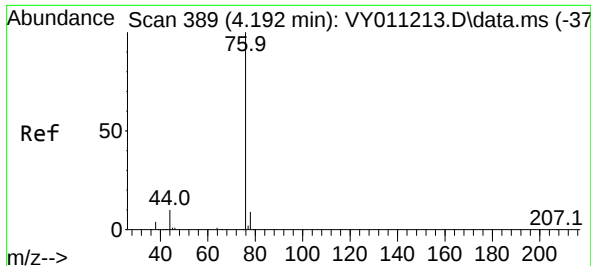
Tgt Ion: 53 Resp: 67679
Ion Ratio Lower Upper
53 100
52 80.6 67.0 100.4
51 35.0 29.8 44.6



#16
Acetone
Concen: 103.212 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 43 Resp: 62199
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#

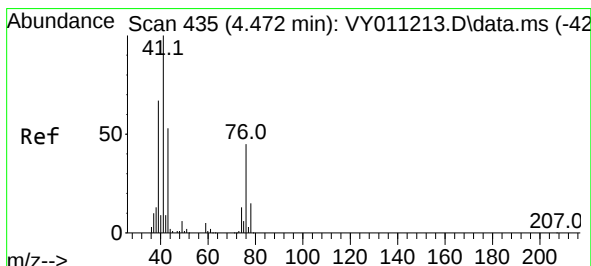
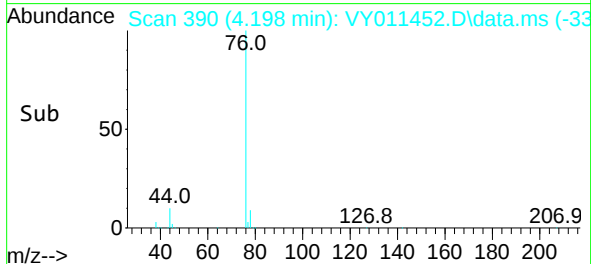
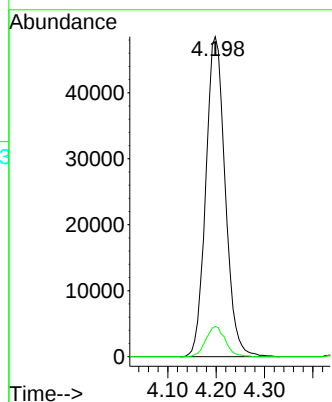
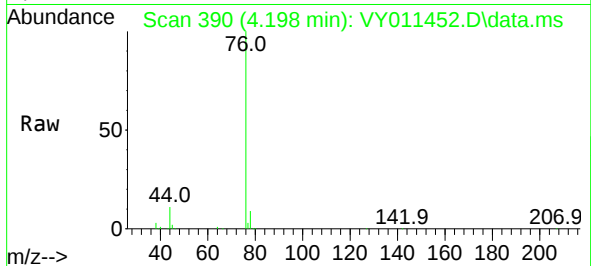




#17
Carbon Disulfide
Concen: 18.544 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

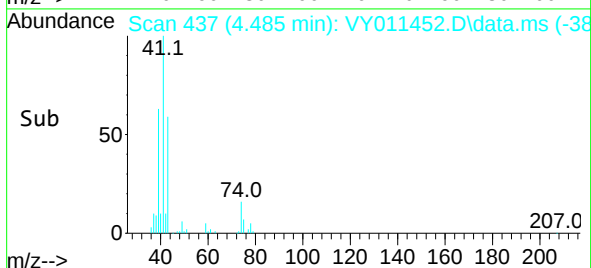
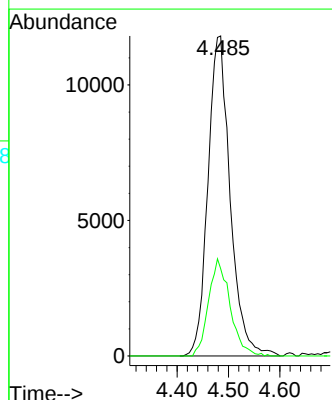
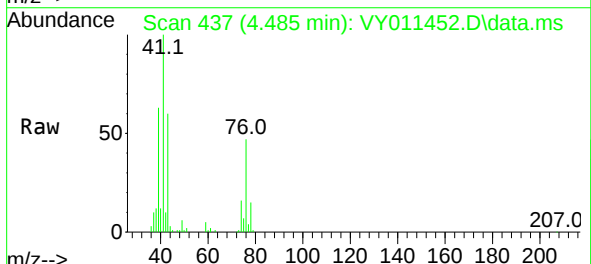
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

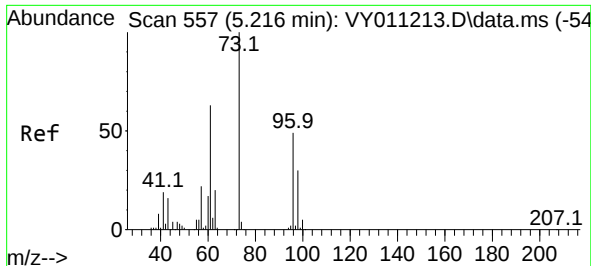
Tgt Ion: 76 Resp: 135073
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.521 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 43 Resp: 35408
Ion Ratio Lower Upper
43 100
74 29.4 16.6 24.8#

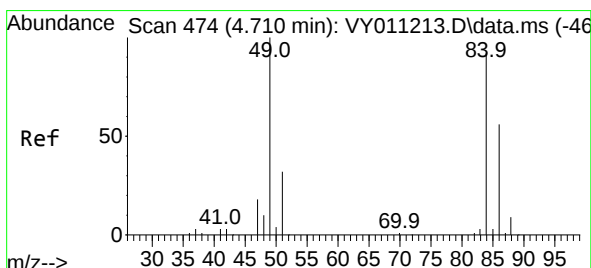
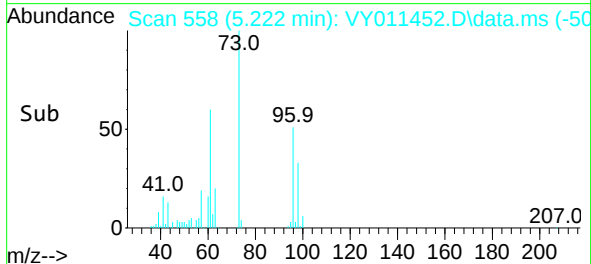
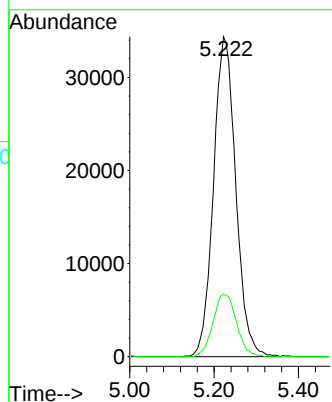
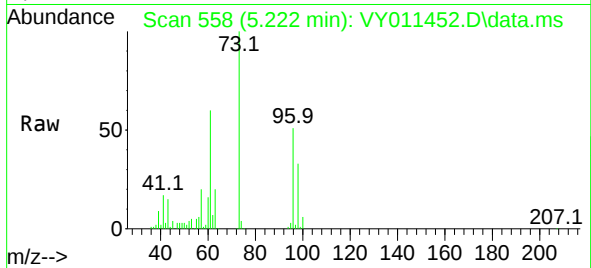




#19
Methyl tert-butyl Ether
Concen: 19.677 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

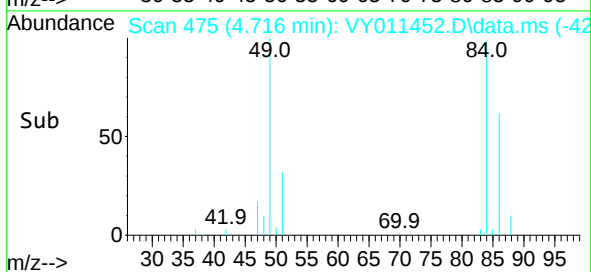
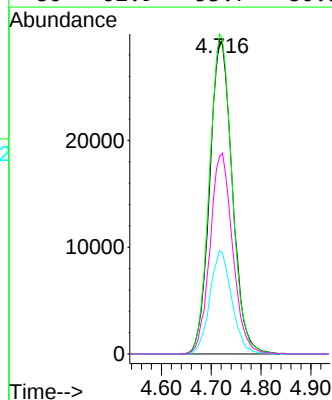
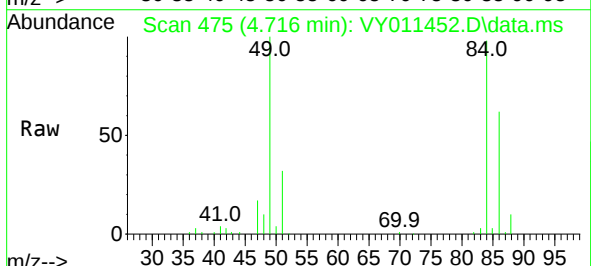
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

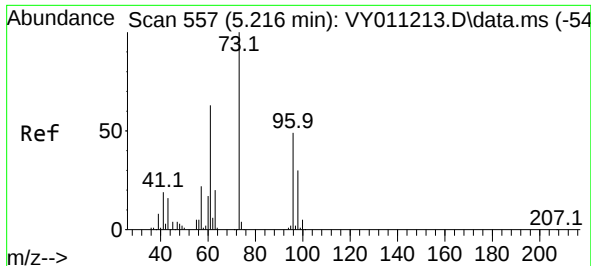
Tgt Ion: 73 Resp: 125843
Ion Ratio Lower Upper
73 100
57 19.5 18.6 27.8



#20
Methylene Chloride
Concen: 24.374 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 84 Resp: 92425
Ion Ratio Lower Upper
84 100
49 102.1 114.4 171.6#
51 32.9 35.3 52.9#
86 62.9 53.7 80.5

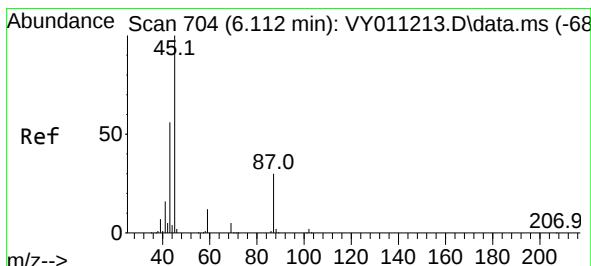
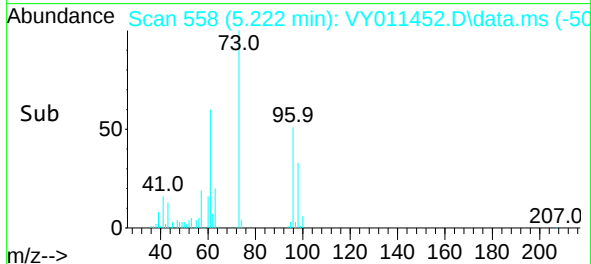
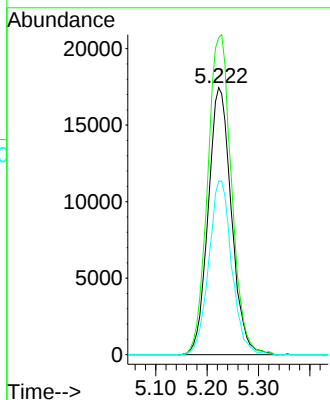
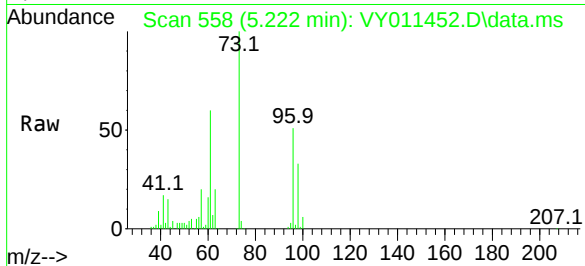




#21
trans-1,2-Dichloroethene
Concen: 19.625 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

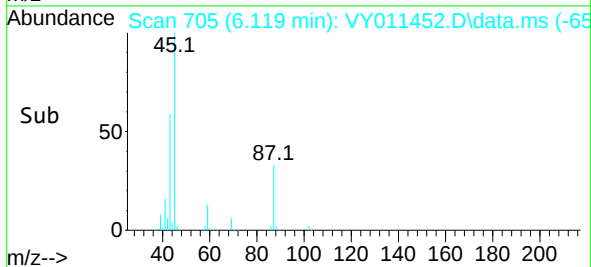
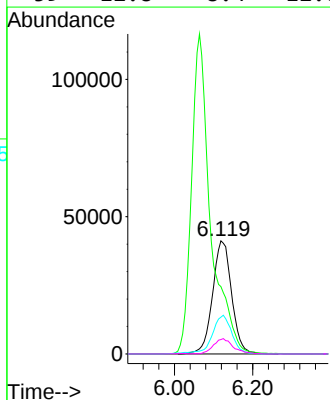
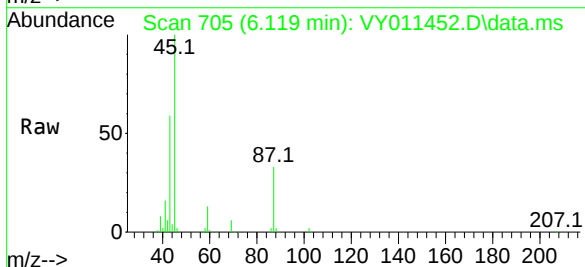
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

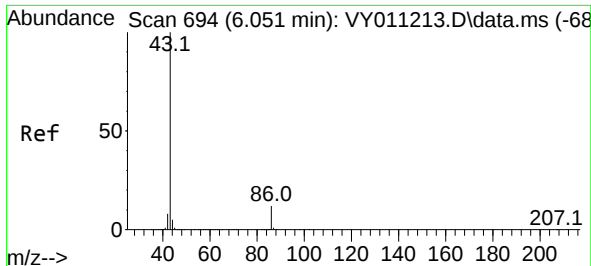
Tgt Ion: 96 Resp: 54719
Ion Ratio Lower Upper
96 100
61 118.7 120.5 180.7#
98 64.9 49.8 74.8



#22
Diisopropyl ether
Concen: 19.810 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 45 Resp: 139526
Ion Ratio Lower Upper
45 100
43 59.0 49.3 73.9
87 32.5 19.2 28.8#
59 12.8 8.4 12.6#

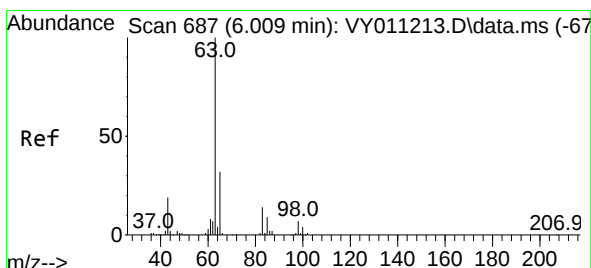
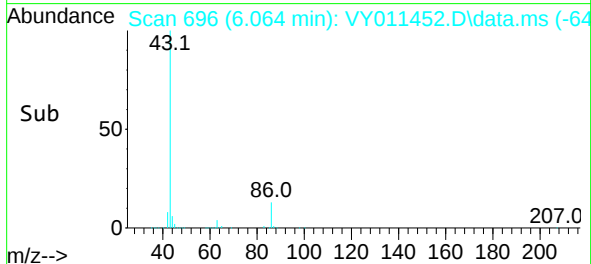
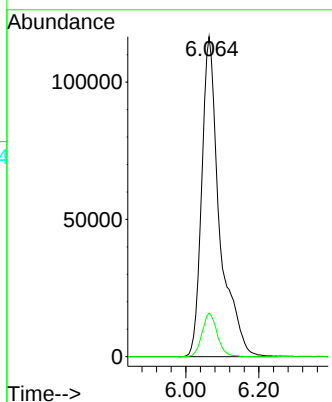
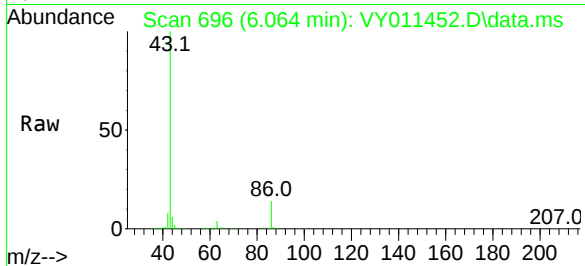




#23
 Vinyl Acetate
 Concen: 95.854 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY011452.D
 Acq: 15 Nov 2022 12:58

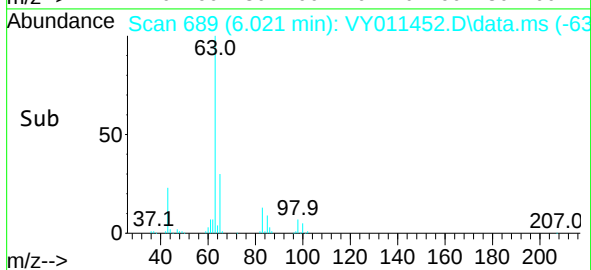
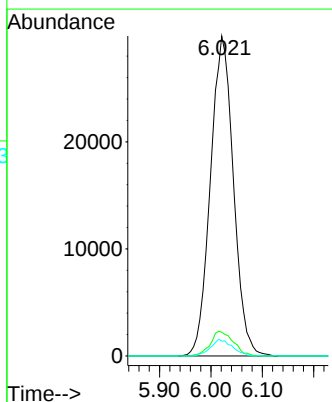
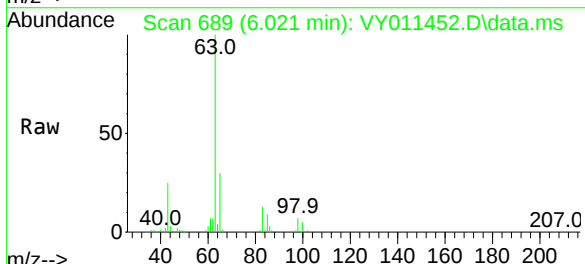
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

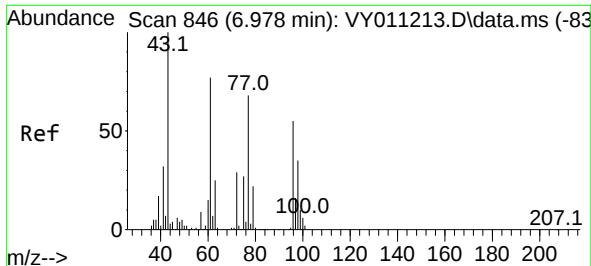
Tgt Ion: 43 Resp: 394952
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.294 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY011452.D
 Acq: 15 Nov 2022 12:58

Tgt Ion: 63 Resp: 93078
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 100.003 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

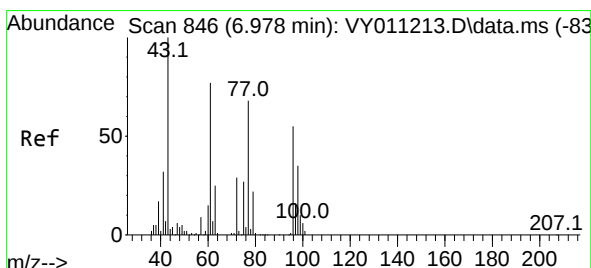
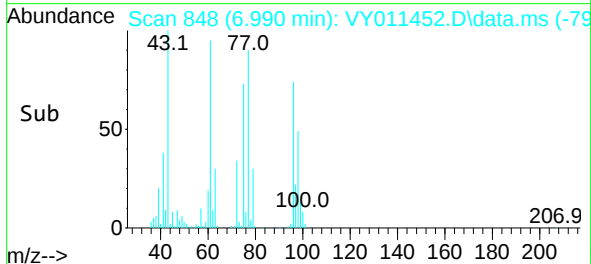
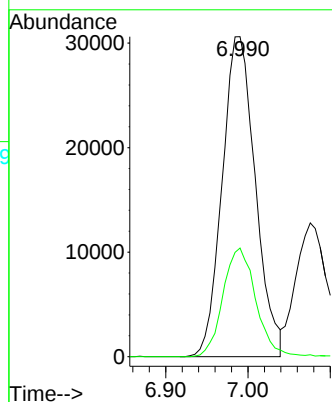
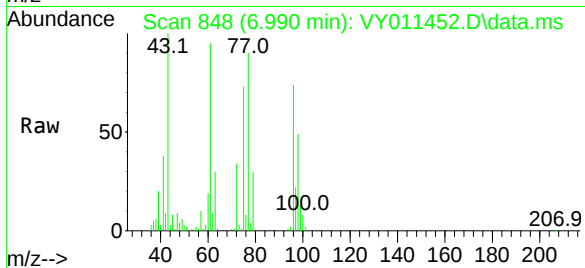
VY1115SBS01

Tgt Ion: 43 Resp: 85843

Ion Ratio Lower Upper

43 100

72 33.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 20.256 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011452.D

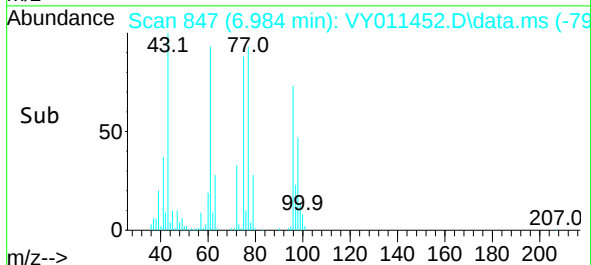
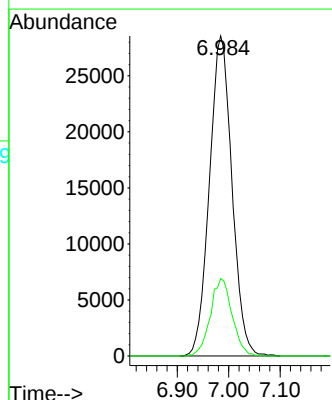
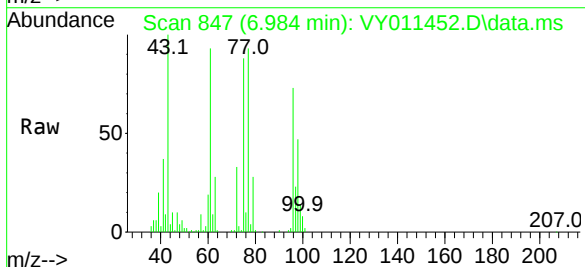
Acq: 15 Nov 2022 12:58

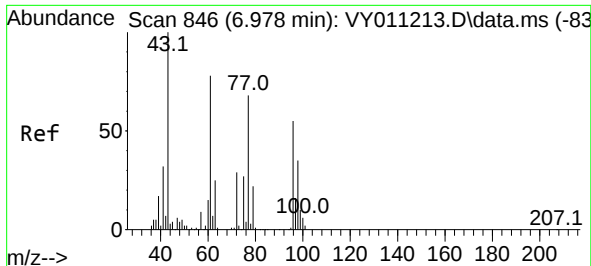
Tgt Ion: 77 Resp: 86881

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.733 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

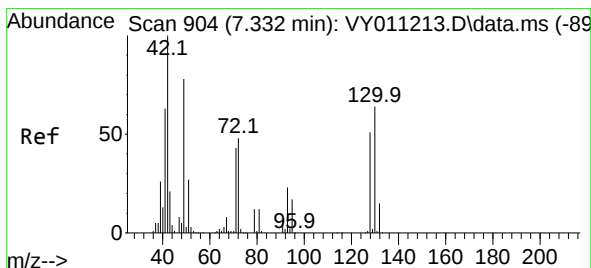
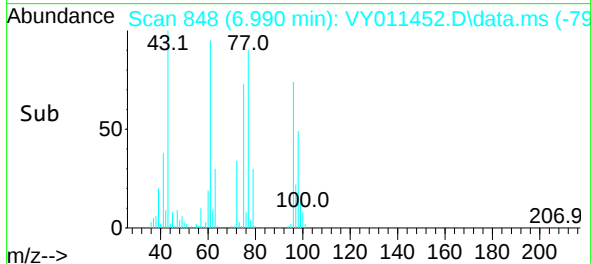
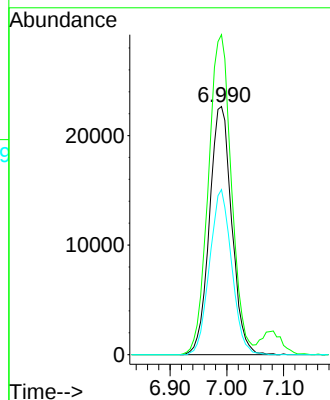
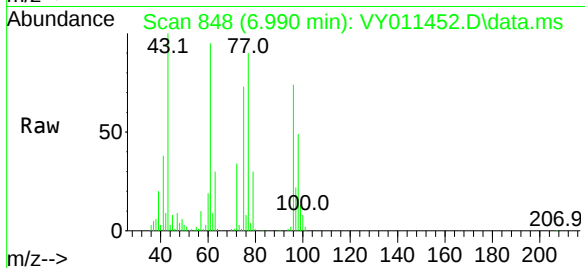
Tgt Ion: 96 Resp: 61919

Ion Ratio Lower Upper

96 100

61 133.2 0.0 319.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 18.373 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

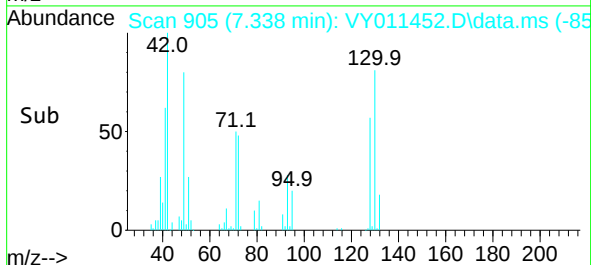
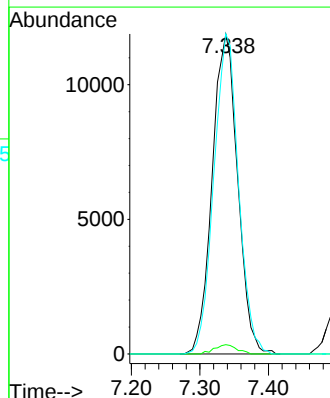
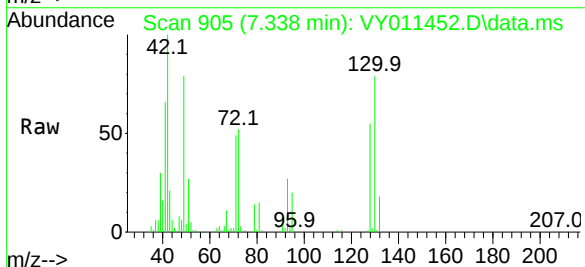
Tgt Ion: 49 Resp: 30603

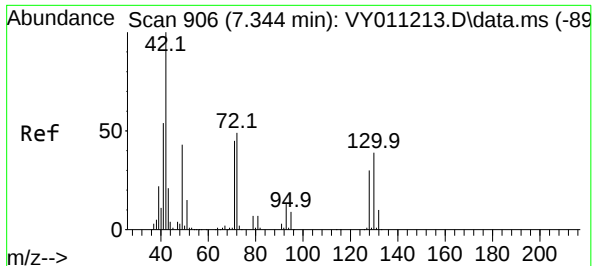
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 96.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 97.348 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

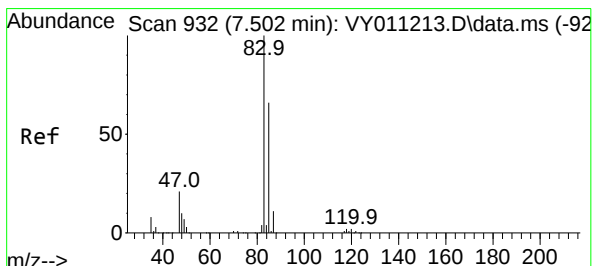
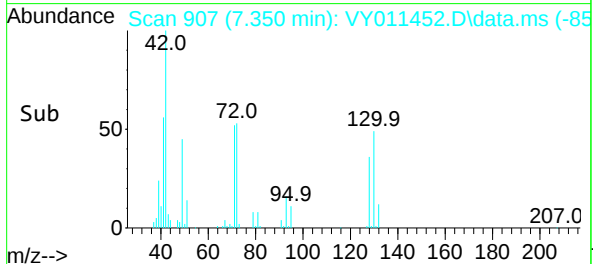
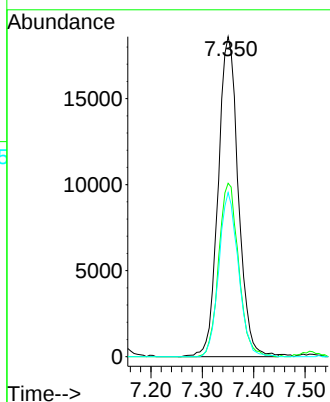
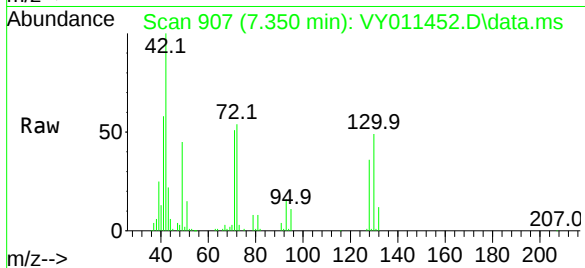
Tgt Ion: 42 Resp: 50619

Ion Ratio Lower Upper

42 100

72 53.5 30.3 45.5#

71 49.7 29.0 43.4#



#30

Chloroform

Concen: 20.518 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY011452.D

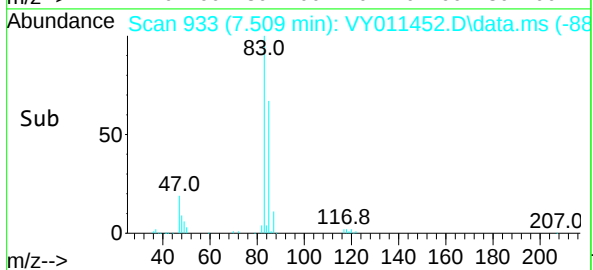
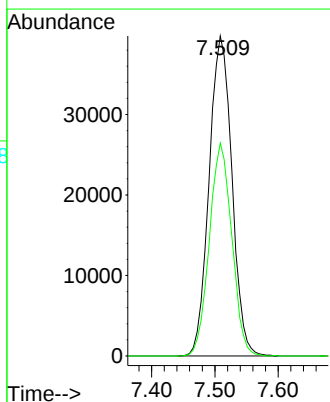
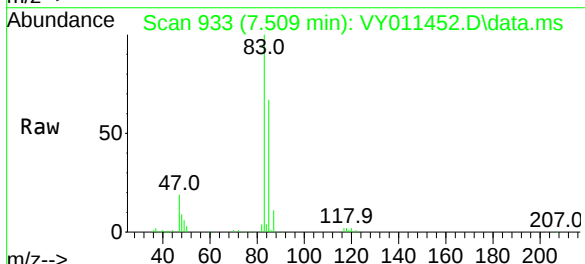
Acq: 15 Nov 2022 12:58

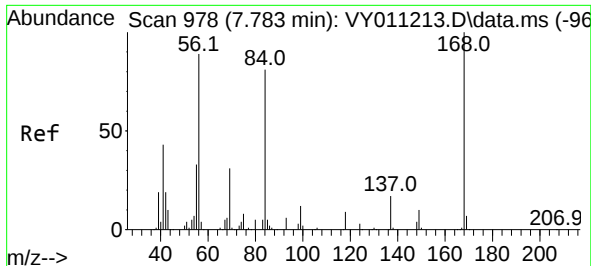
Tgt Ion: 83 Resp: 99528

Ion Ratio Lower Upper

83 100

85 66.5 51.8 77.6

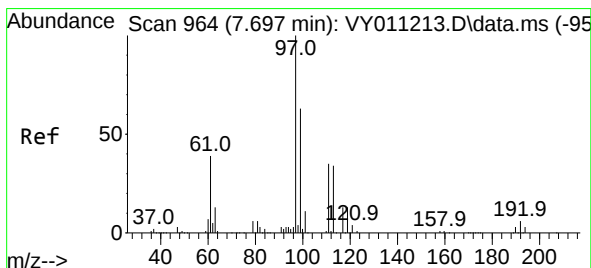
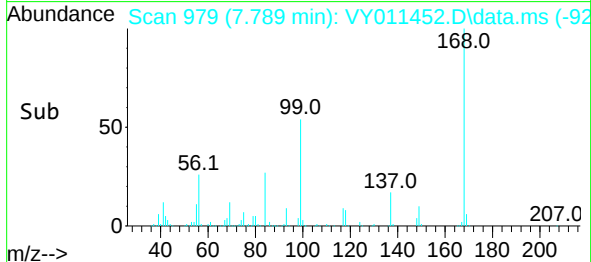
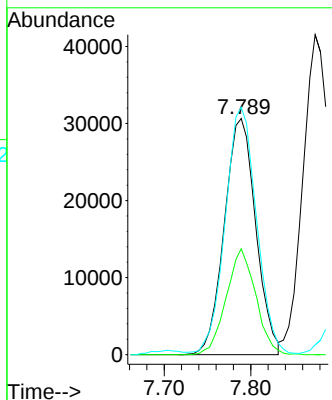
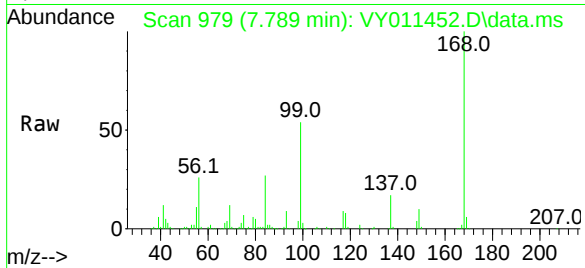




#31
Cyclohexane
Concen: 18.853 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

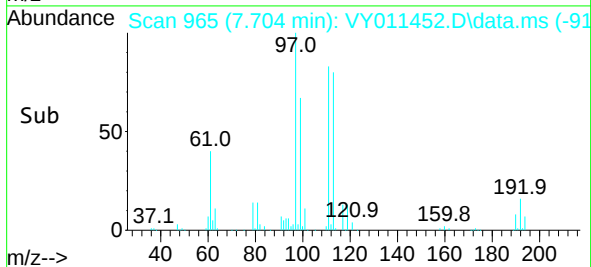
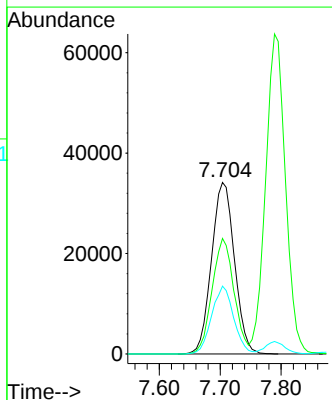
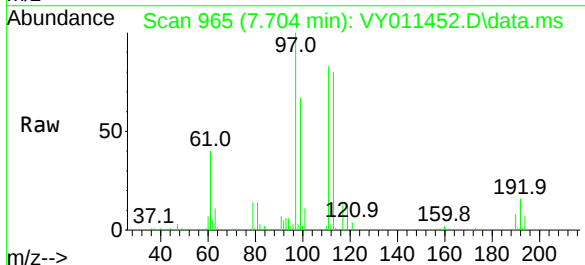
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

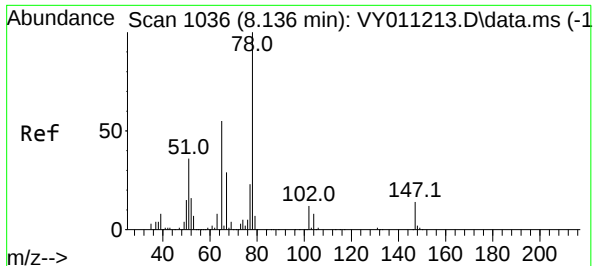
Tgt Ion: 56 Resp: 77366
Ion Ratio Lower Upper
56 100
69 44.9 26.7 40.1#
84 103.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 20.373 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 97 Resp: 89380
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 38.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.186 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

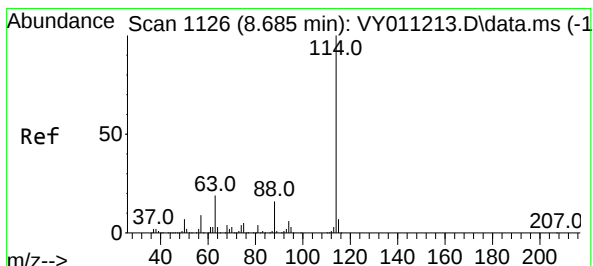
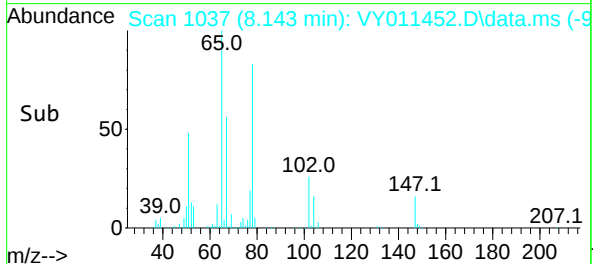
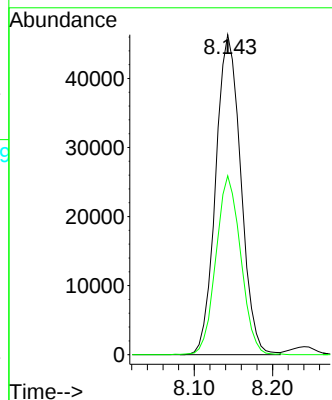
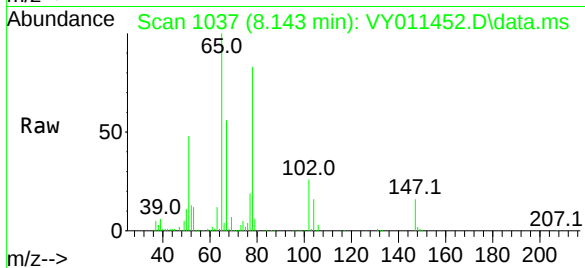
VY1115SBS01

Tgt Ion: 65 Resp: 103193

Ion Ratio Lower Upper

65 100

67 55.1 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: VY011452.D

Acq: 15 Nov 2022 12:58

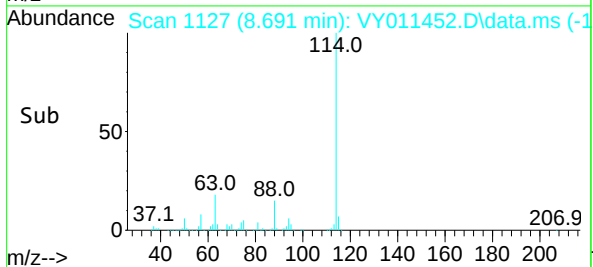
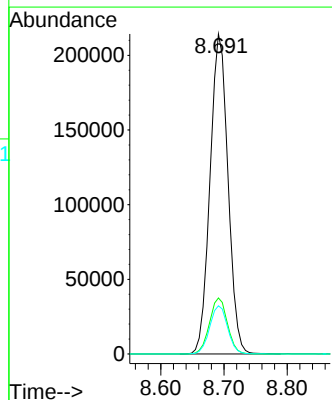
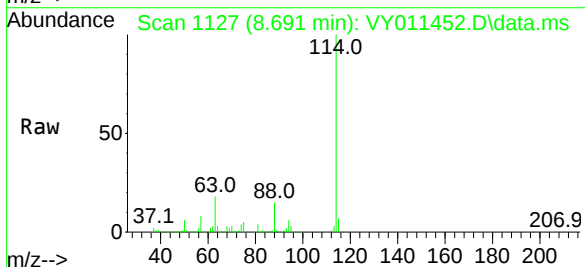
Tgt Ion: 114 Resp: 422539

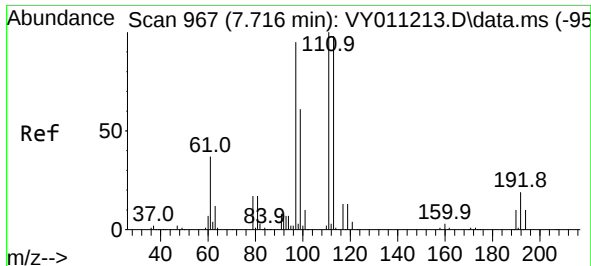
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.1 0.0 31.8

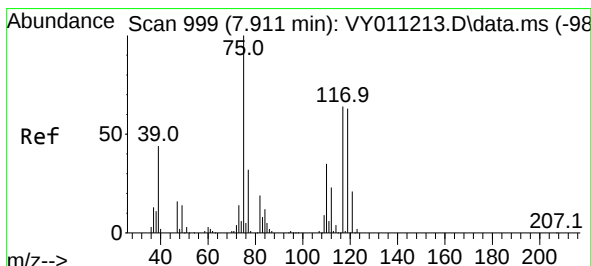
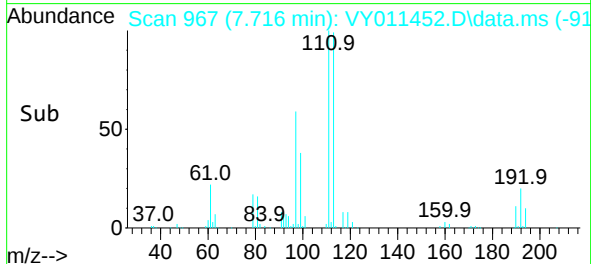
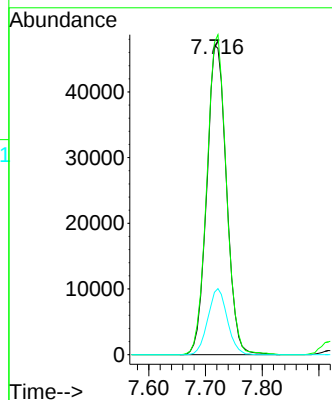
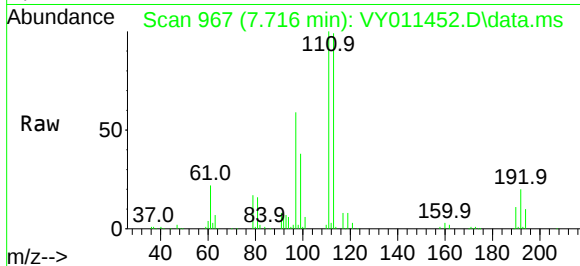




#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

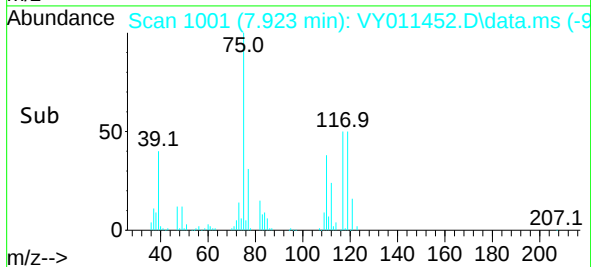
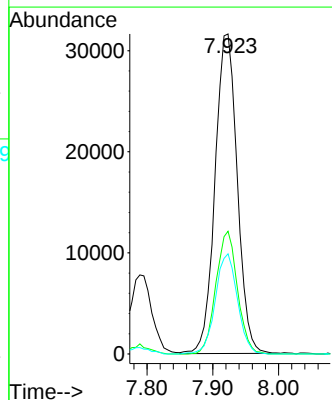
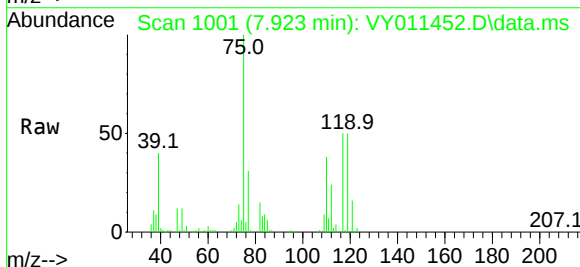
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

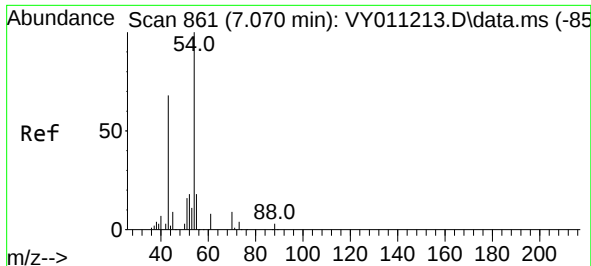
Tgt Ion:113 Resp: 113737
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.216 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 75 Resp: 74299
Ion Ratio Lower Upper
75 100
110 37.2 17.1 51.2
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 19.950 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

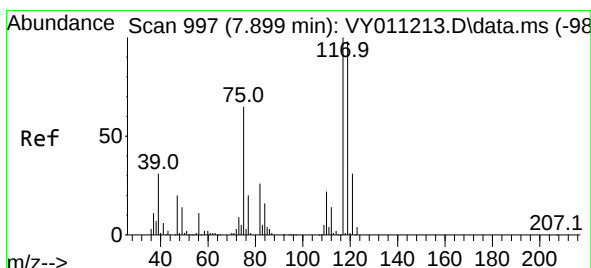
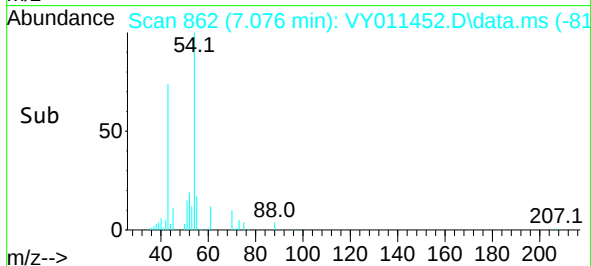
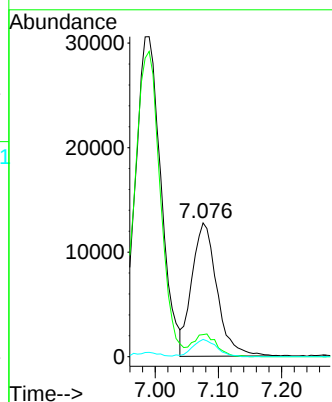
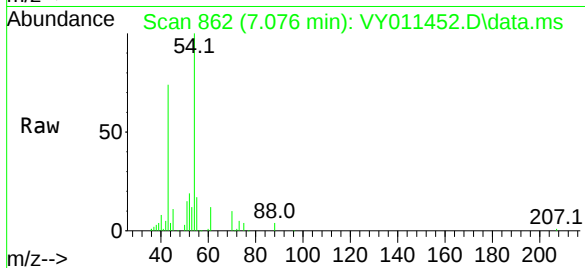
Tgt Ion: 43 Resp: 35221

Ion Ratio Lower Upper

43 100

61 16.3 9.7 14.5#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.815 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

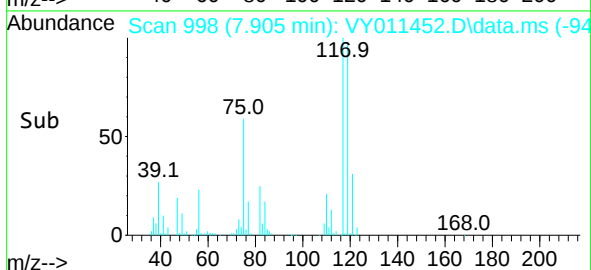
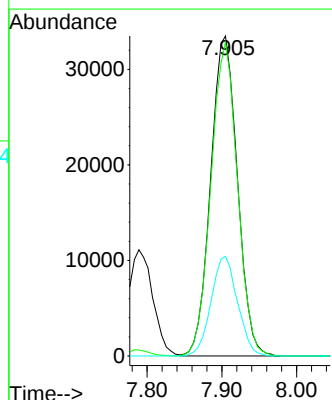
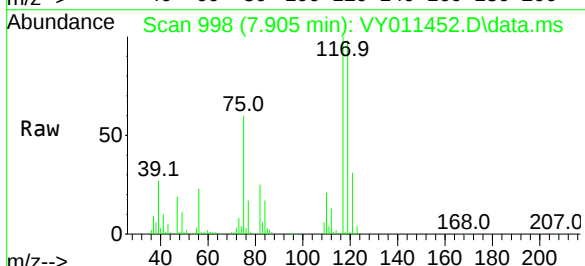
Tgt Ion: 117 Resp: 83214

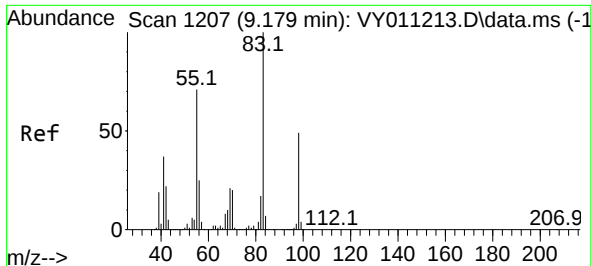
Ion Ratio Lower Upper

117 100

119 98.0 77.9 116.9

121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 19.801 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011452.D

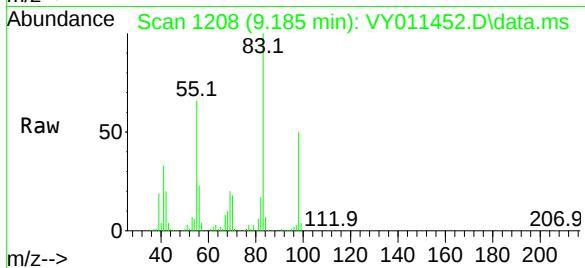
Acq: 15 Nov 2022 12:58

Instrument :

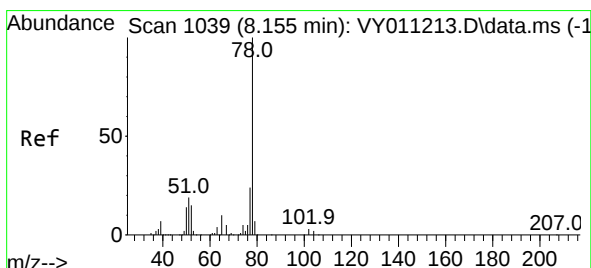
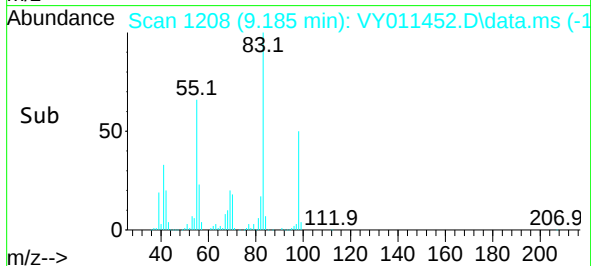
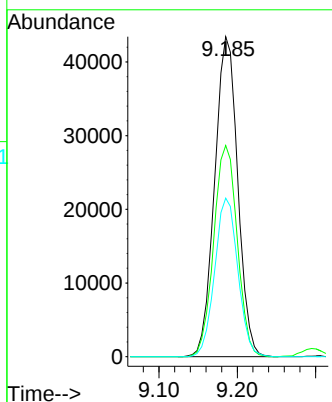
MSVOA_Y

ClientSampleId :

VY1115SBS01



Tgt Ion:	83	Resp:	88922
Ion	Ratio	Lower	Upper
83	100		
55	66.0	66.5	99.7#
98	49.5	37.9	56.9



#40

Benzene

Concen: 20.253 ug/l

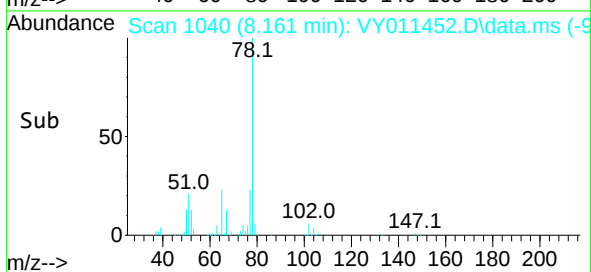
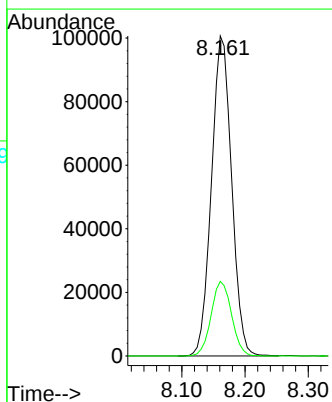
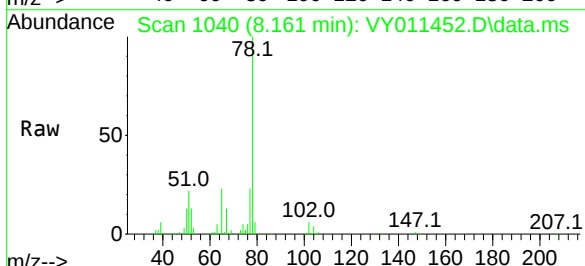
RT: 8.161 min Scan# 1040

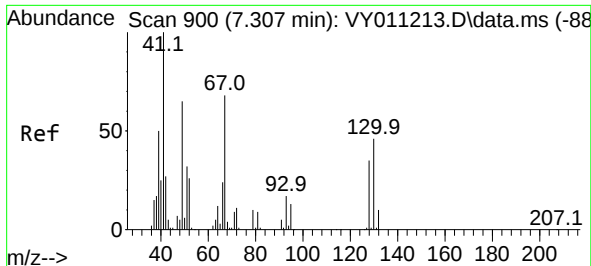
Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Tgt Ion:	78	Resp:	222286
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.4	30.6

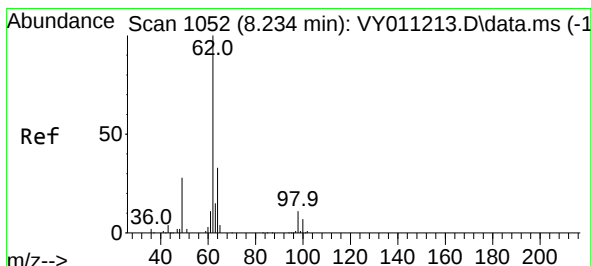
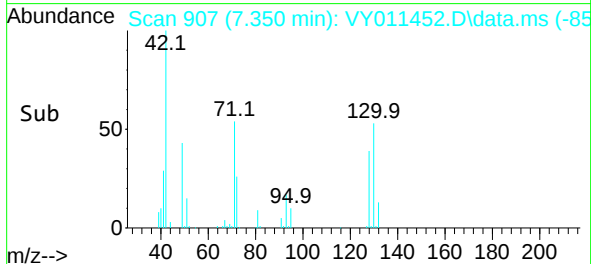
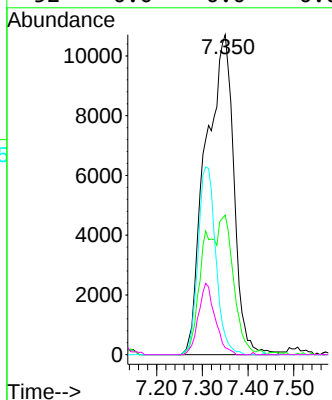
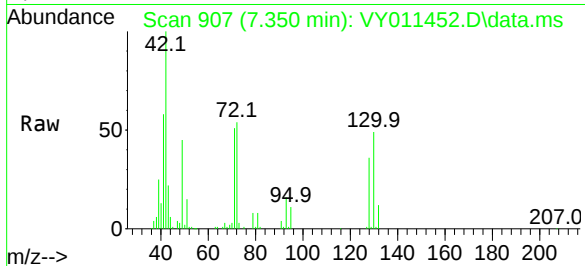




#41
Methacrylonitrile
Concen: 50.090 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

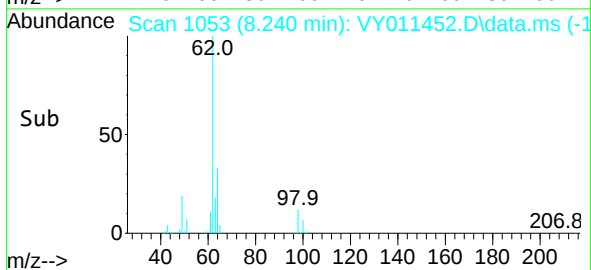
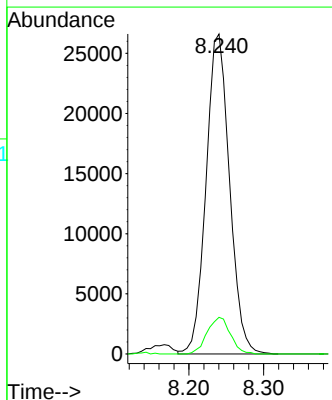
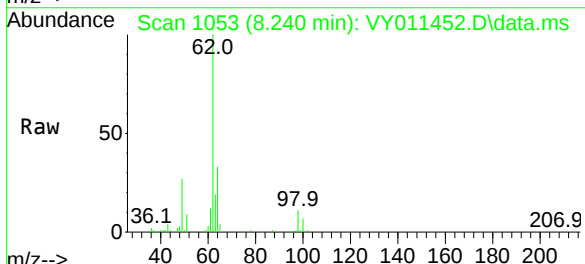
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

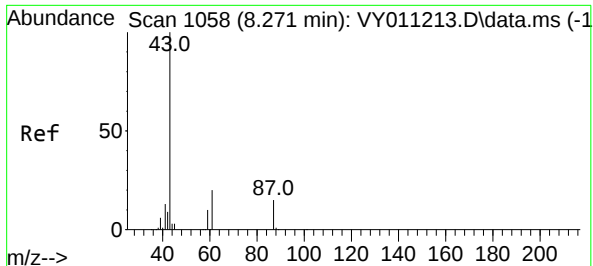
Tgt Ion: 41 Resp: 45793
Ion Ratio Lower Upper
41 100
39 22.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.181 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 62 Resp: 58045
Ion Ratio Lower Upper
62 100
98 11.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.359 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

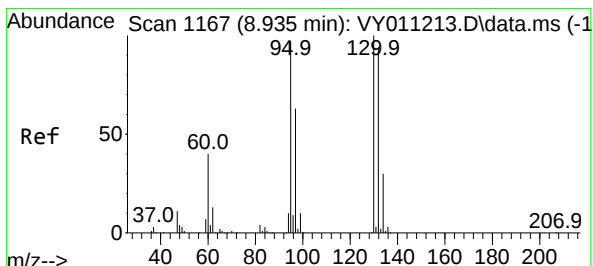
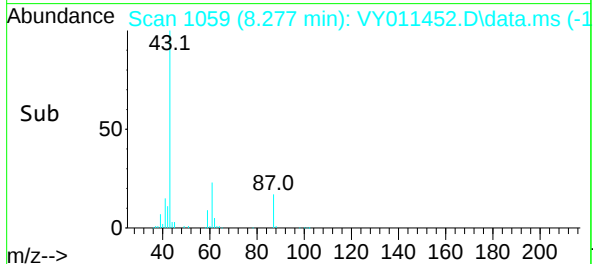
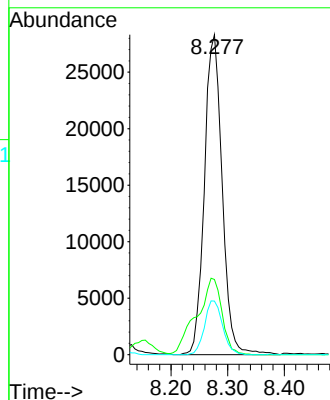
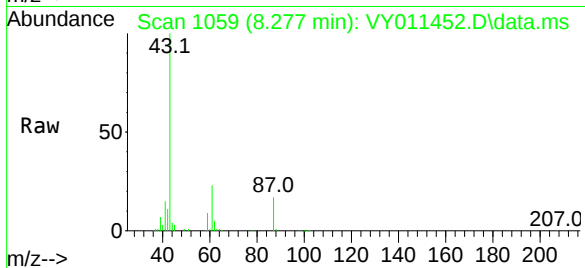
Tgt Ion: 43 Resp: 61656

Ion Ratio Lower Upper

43 100

61 34.0 20.2 30.2#

87 17.1 8.9 13.3#



#44

Trichloroethene

Concen: 20.297 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY011452.D

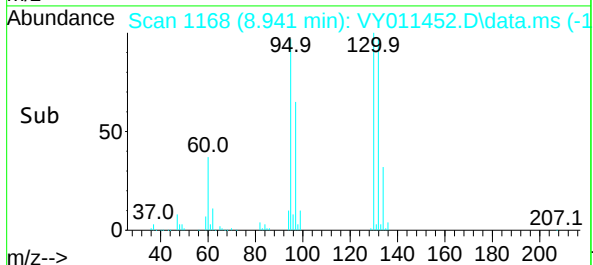
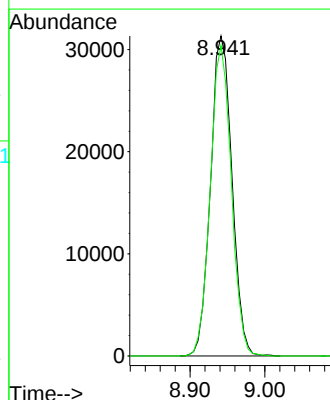
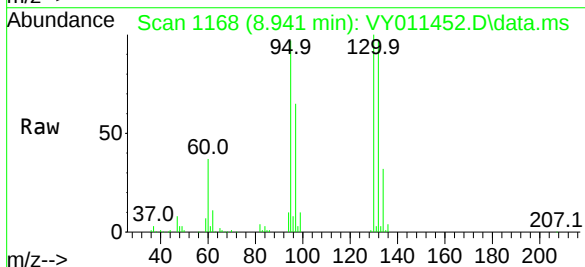
Acq: 15 Nov 2022 12:58

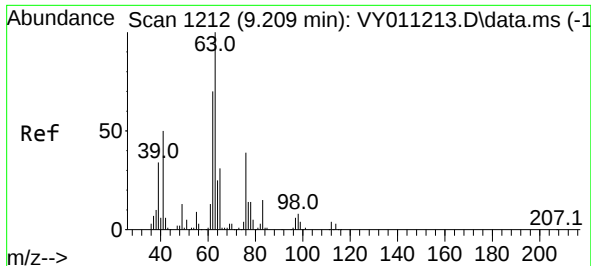
Tgt Ion:130 Resp: 62576

Ion Ratio Lower Upper

130 100

95 97.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.127 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

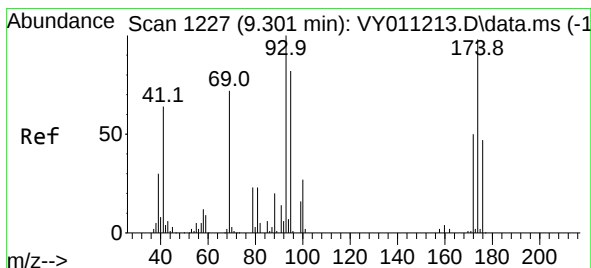
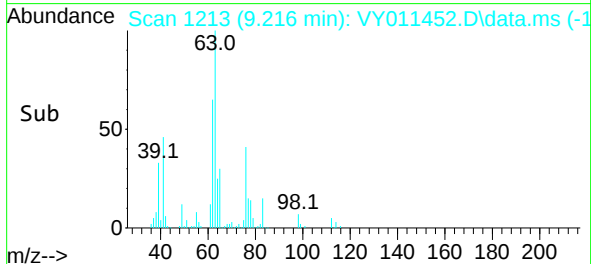
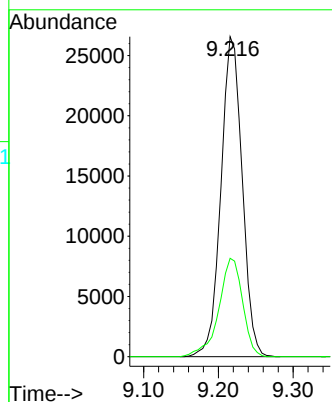
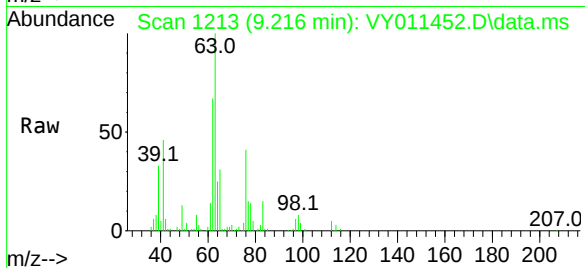
VY1115SBS01

Tgt Ion: 63 Resp: 52574

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 20.600 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

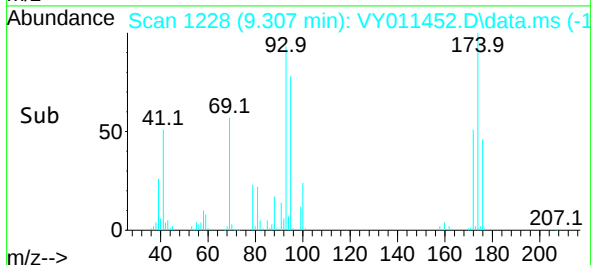
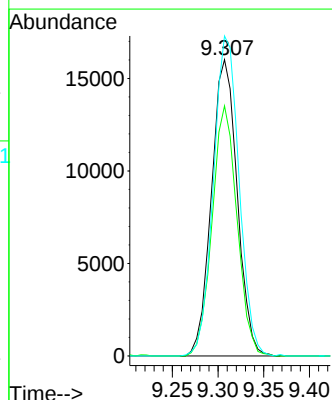
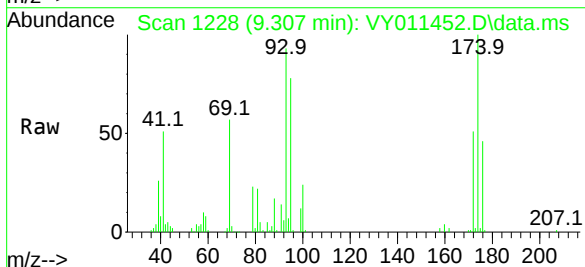
Tgt Ion: 93 Resp: 31330

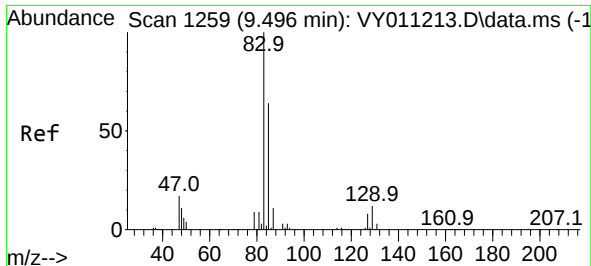
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

174 107.8 83.4 125.0

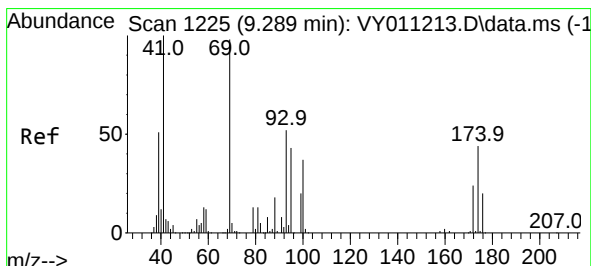
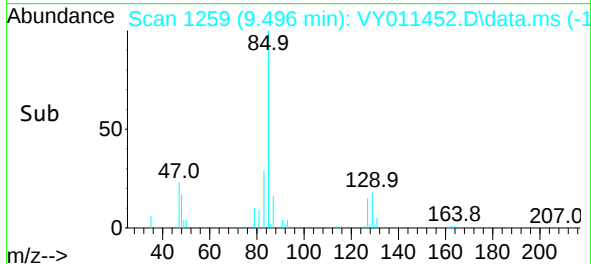
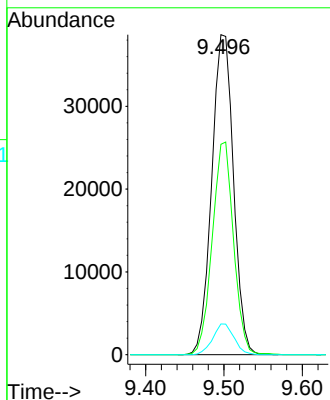
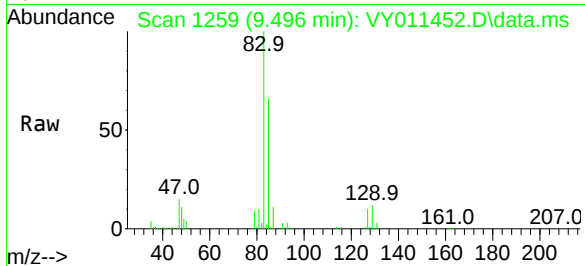




#47
Bromodichloromethane
Concen: 20.510 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

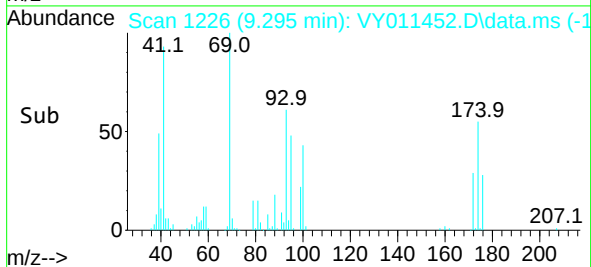
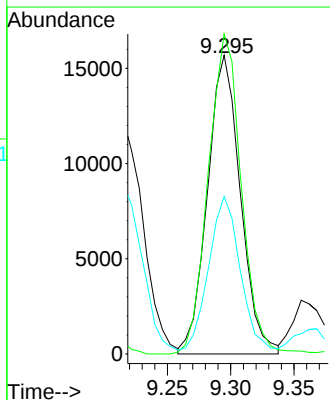
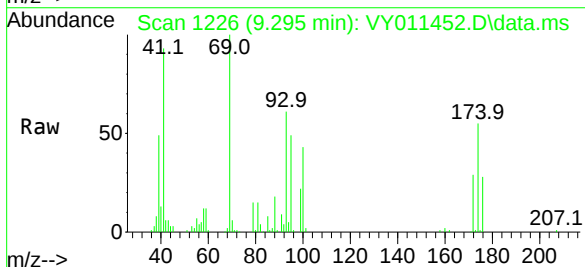
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

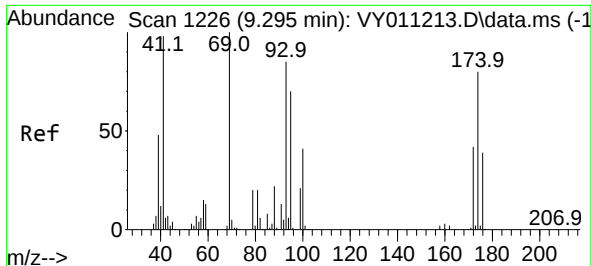
Tgt Ion: 83 Resp: 74733
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 19.842 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 41 Resp: 28399
Ion Ratio Lower Upper
41 100
69 107.3 58.2 87.2#
39 49.2 47.4 71.0





#49

1,4-Dioxane

Concen: 388.295 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

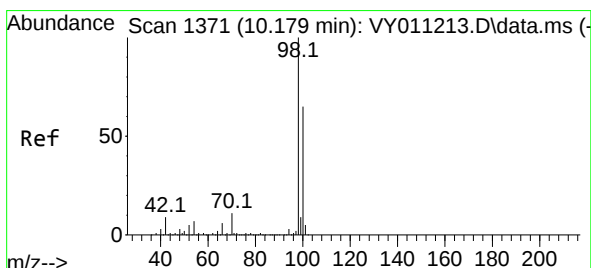
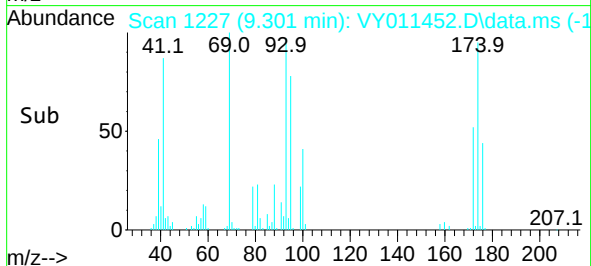
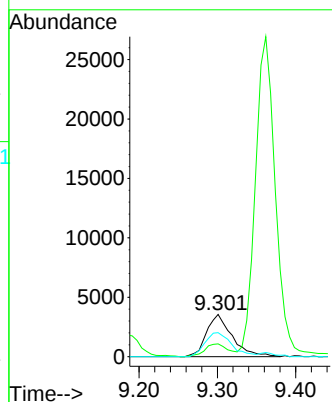
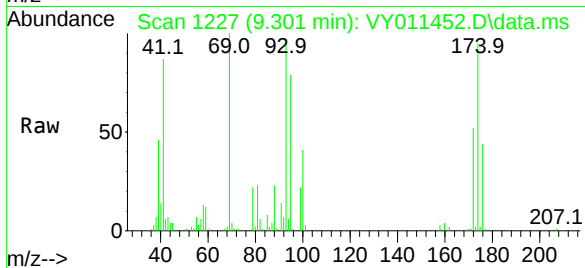
Tgt Ion: 88 Resp: 8062

Ion Ratio Lower Upper

88 100

43 28.5 32.8 49.2#

58 59.8 59.8 89.6



#50

Toluene-d8

Concen: 45.742 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011452.D

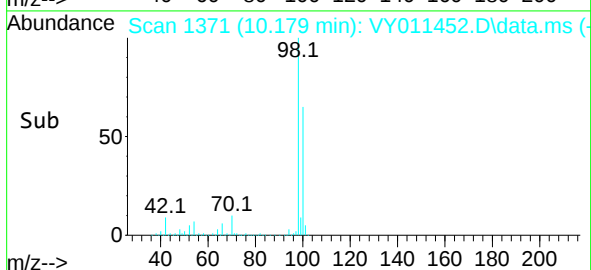
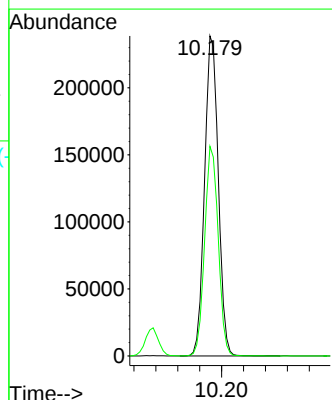
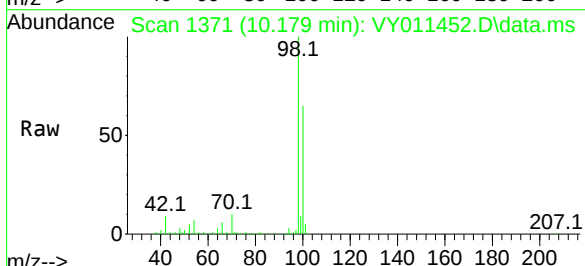
Acq: 15 Nov 2022 12:58

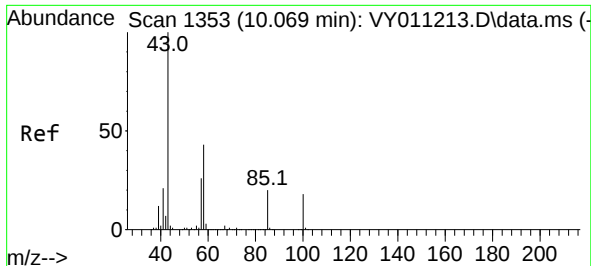
Tgt Ion: 98 Resp: 413808

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

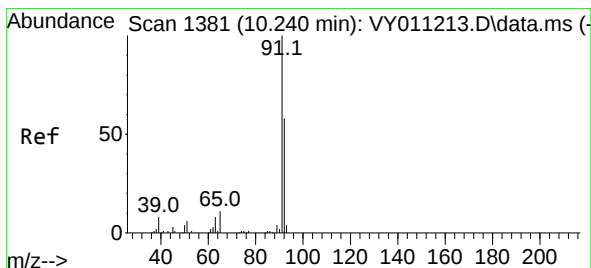
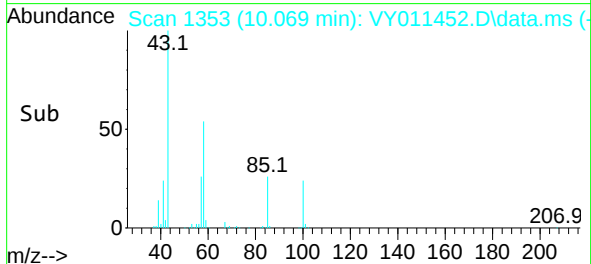
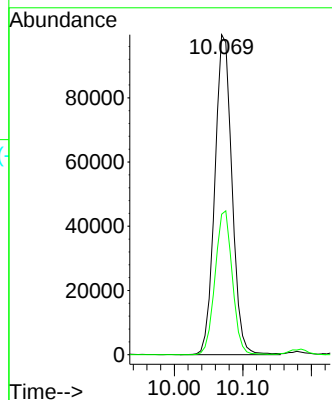
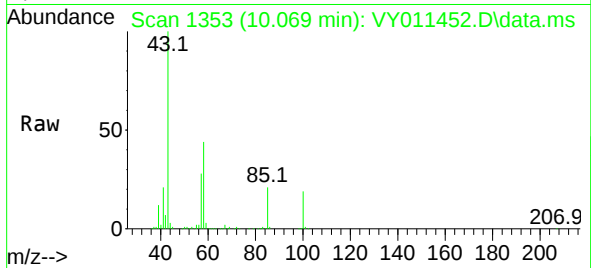




#51
4-Methyl-2-Pentanone
Concen: 101.010 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

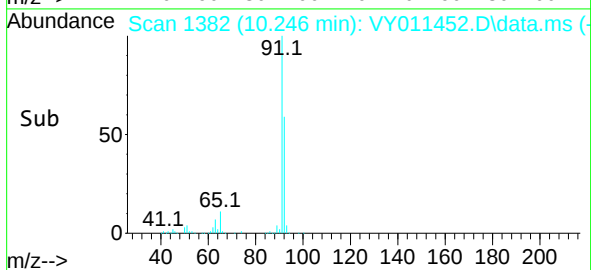
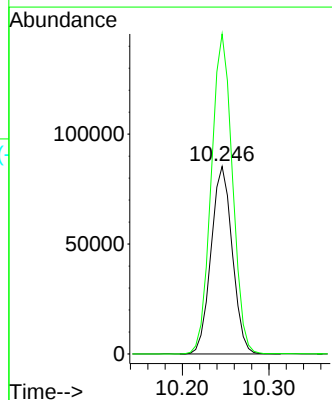
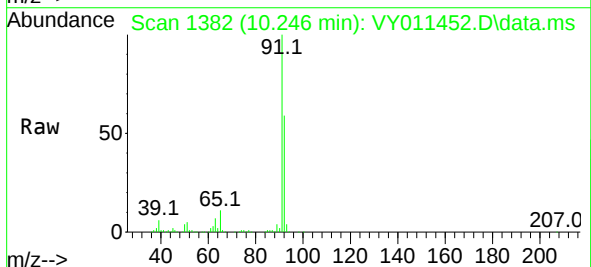
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

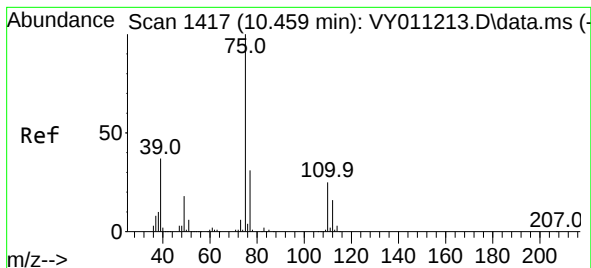
Tgt Ion: 43 Resp: 173000
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1#



#52
Toluene
Concen: 20.686 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 92 Resp: 144980
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8

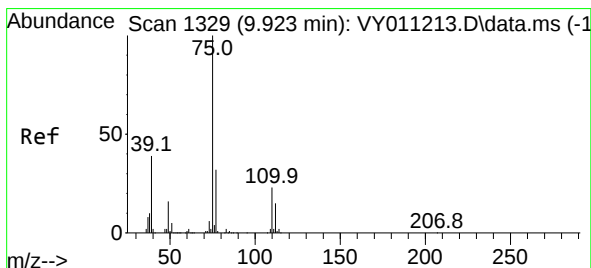
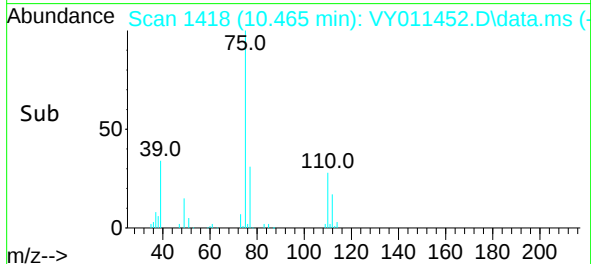
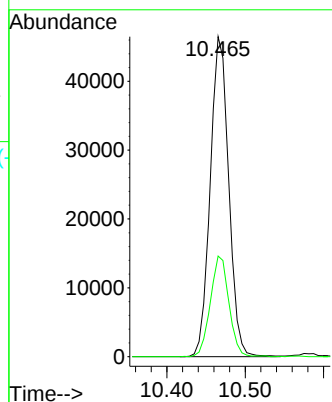
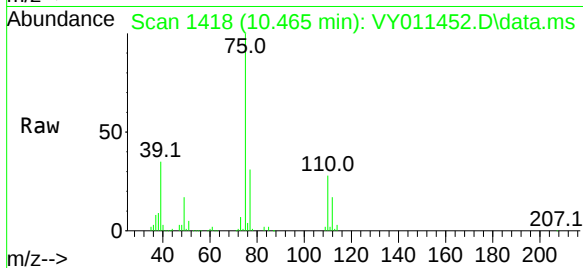




#53
t-1,3-Dichloropropene
Concen: 20.251 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

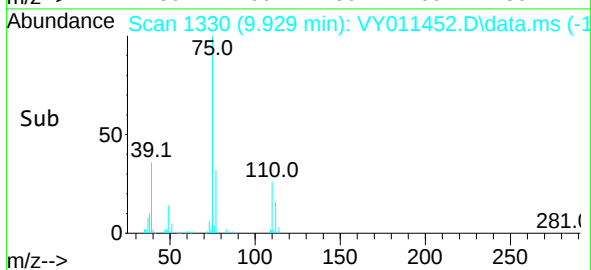
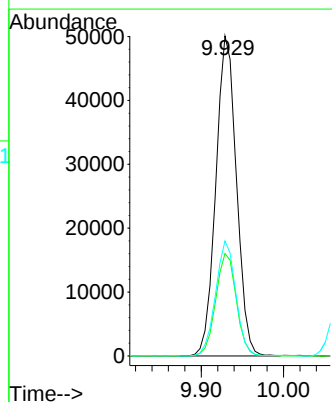
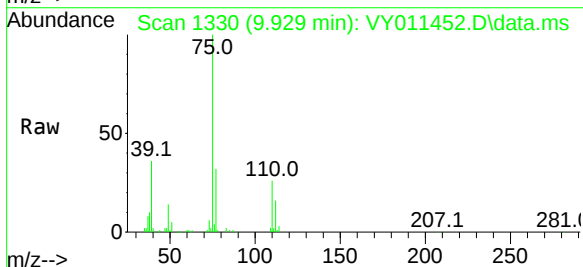
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

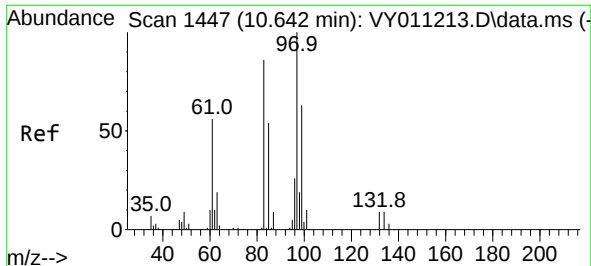
Tgt Ion: 75 Resp: 76086
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.127 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 75 Resp: 87279
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 35.9 47.6 71.4#

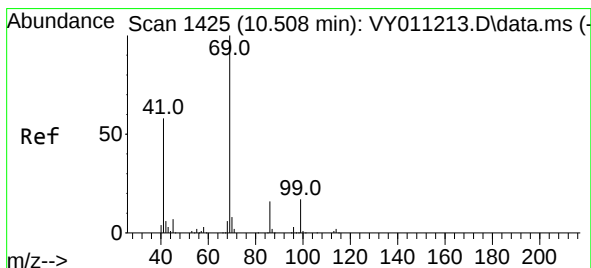
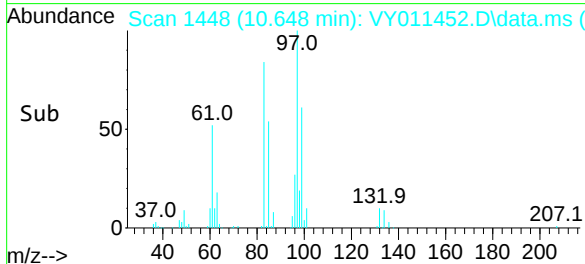
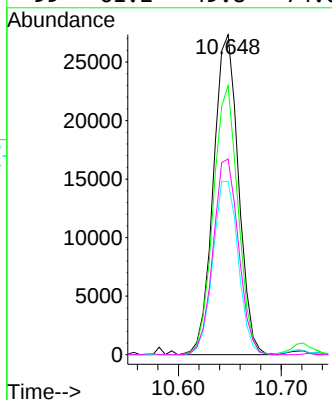
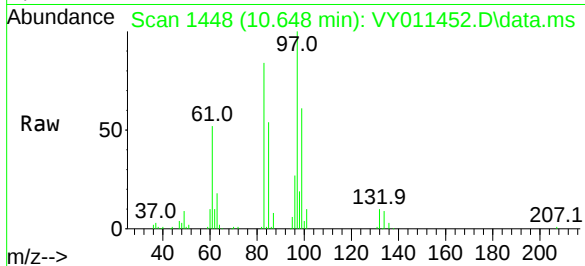




#55
1,1,2-Trichloroethane
Concen: 20.996 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

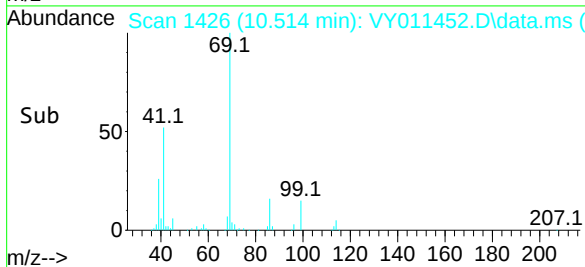
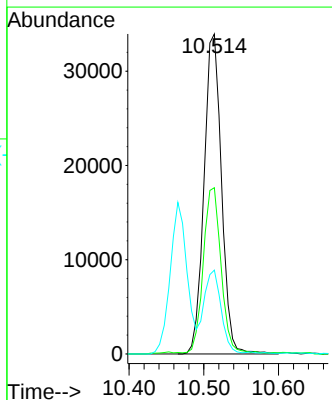
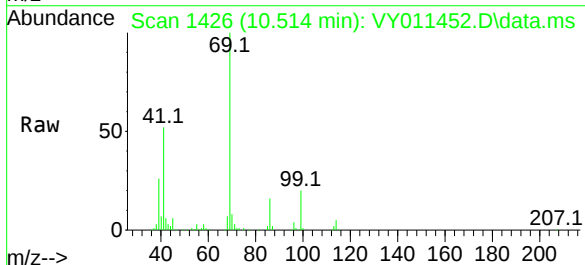
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

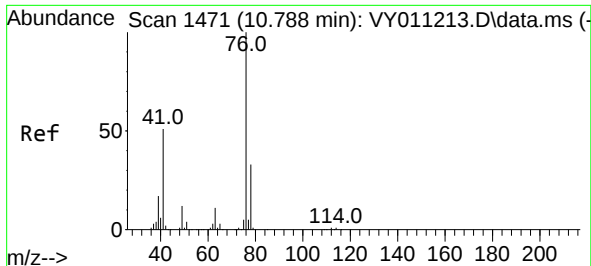
Tgt Ion: 97	Resp: 46241
Ion Ratio	Lower Upper
97 100	
83 84.1	69.8 104.8
85 54.1	44.3 66.5
99 61.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.494 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 69	Resp: 55207
Ion Ratio	Lower Upper
69 100	
41 52.1	63.4 95.0#
39 25.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.549 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

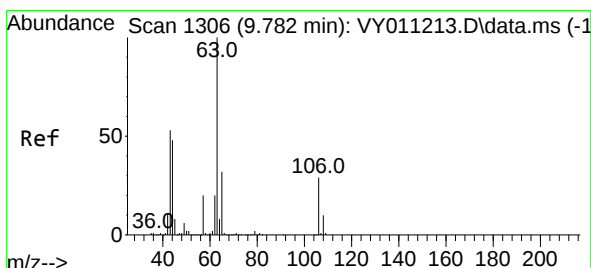
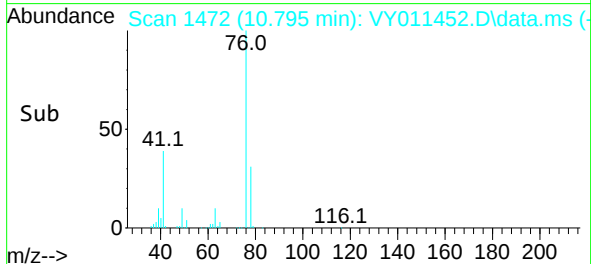
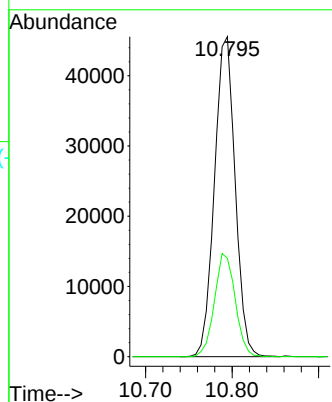
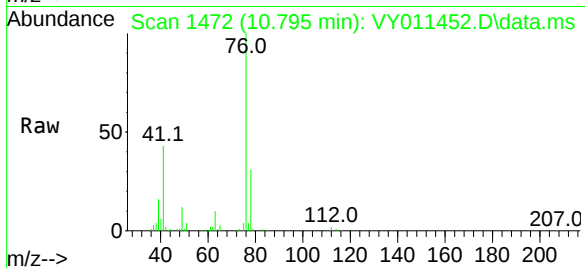
VY1115SBS01

Tgt Ion: 76 Resp: 75496

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.821 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011452.D

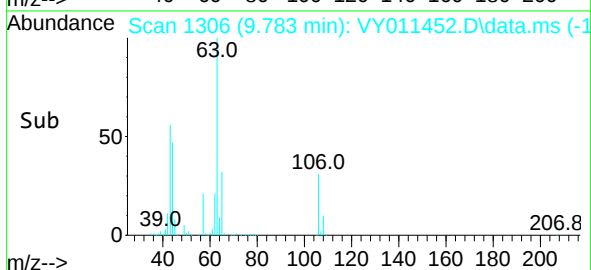
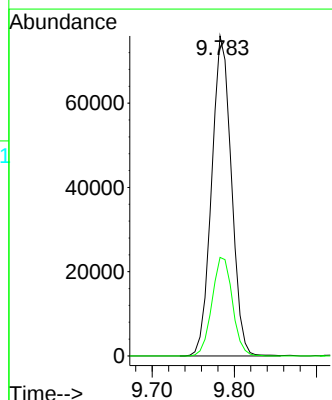
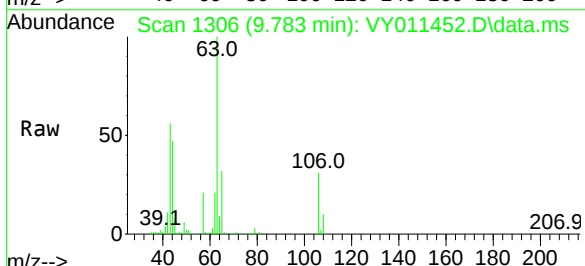
Acq: 15 Nov 2022 12:58

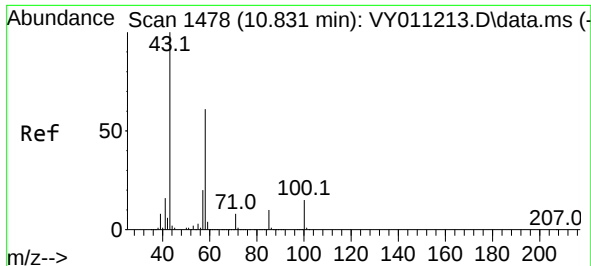
Tgt Ion: 63 Resp: 126751

Ion Ratio Lower Upper

63 100

106 31.8 21.5 32.3

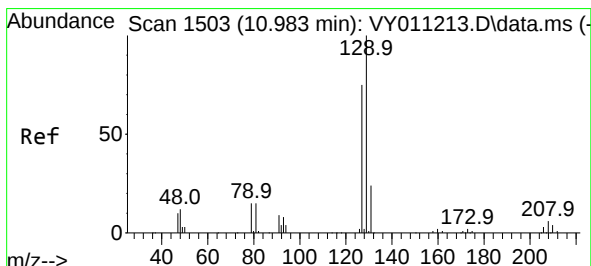
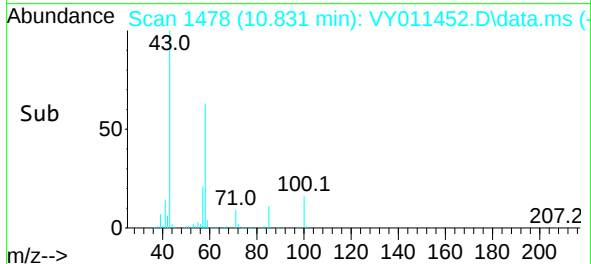
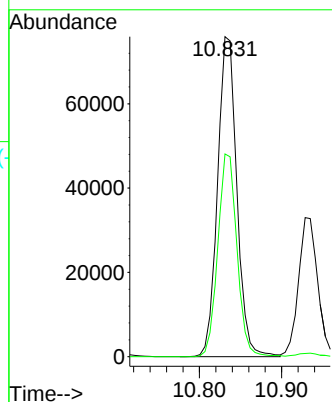
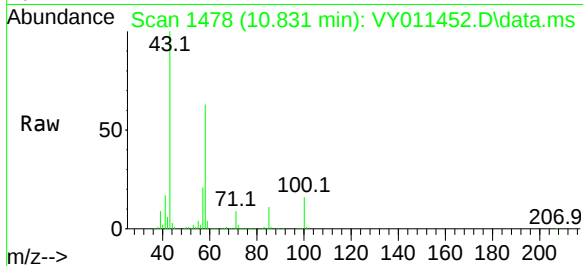




#59
2-Hexanone
Concen: 101.955 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

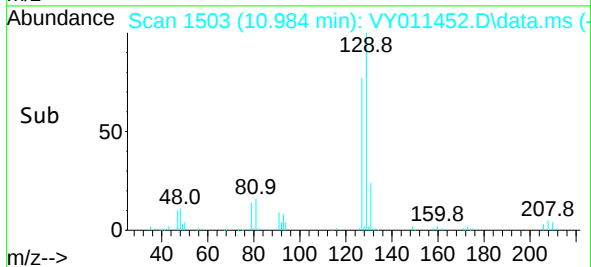
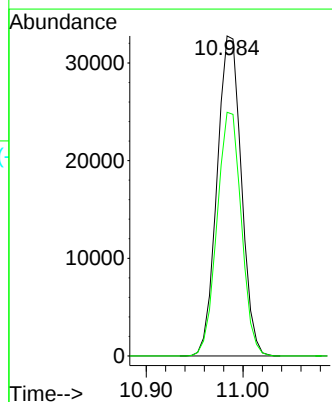
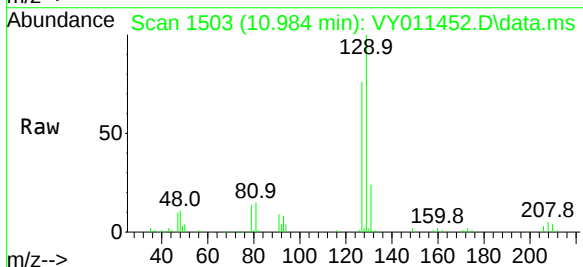
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

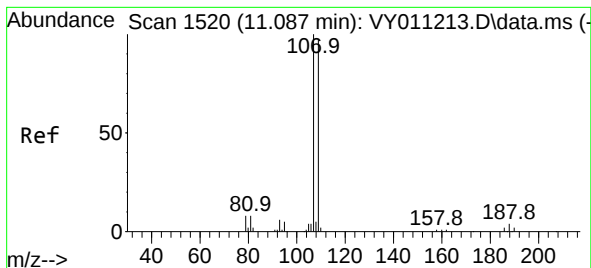
Tgt Ion: 43 Resp: 123703
Ion Ratio Lower Upper
43 100
58 62.9 24.4 73.4



#60
Dibromochloromethane
Concen: 21.006 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 129 Resp: 57106
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

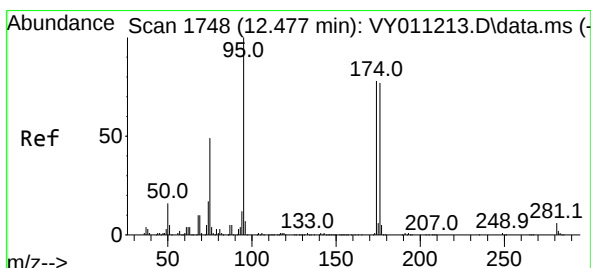
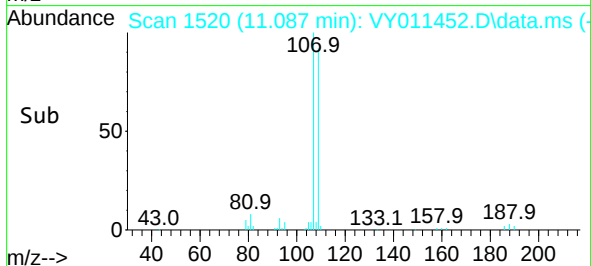
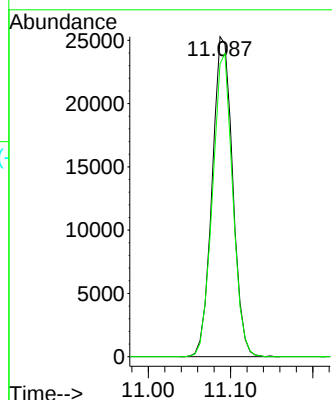
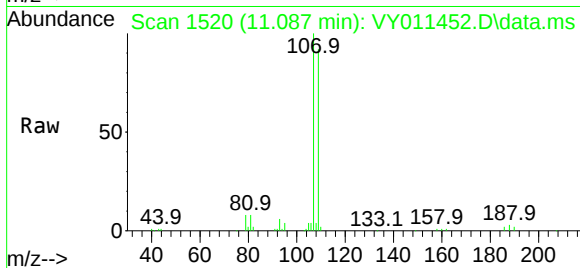




#61
1,2-Dibromoethane
Concen: 20.630 ug/l
RT: 11.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

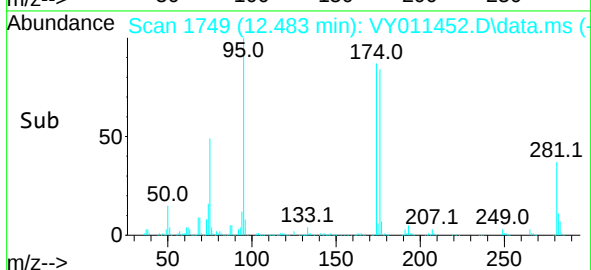
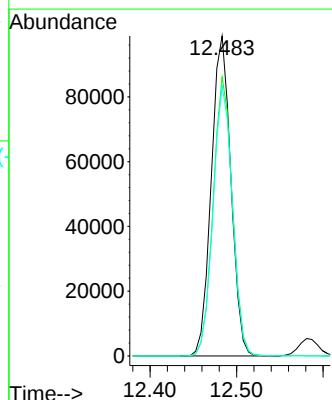
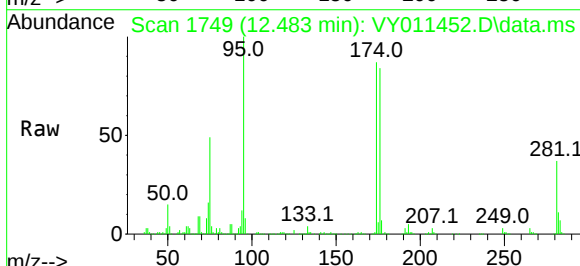
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

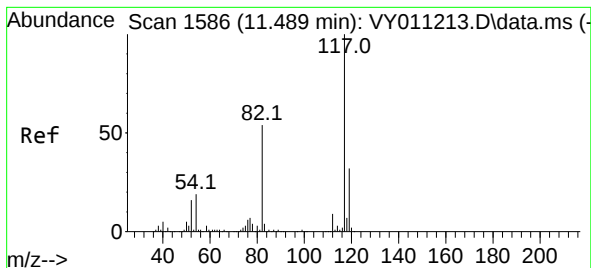
Tgt Ion:107 Resp: 43686
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 95 Resp: 154917
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

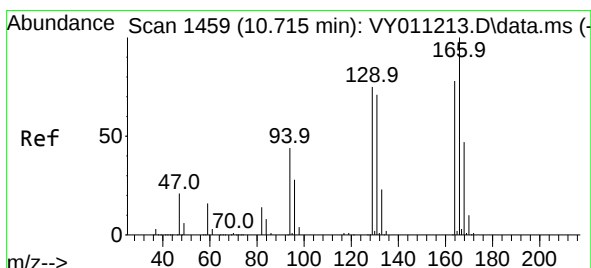
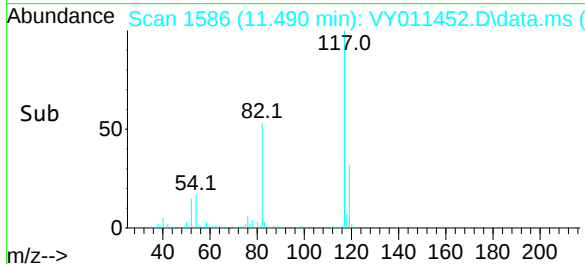
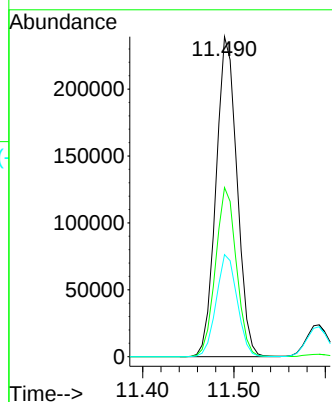
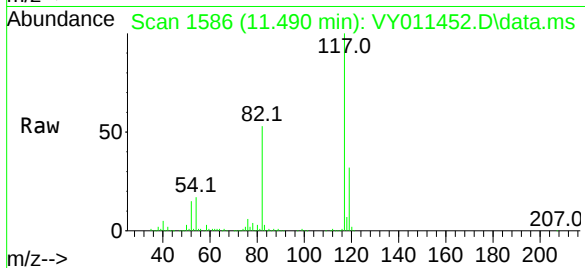
Tgt Ion:117 Resp: 381803

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 20.590 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Tgt Ion:164 Resp: 62837

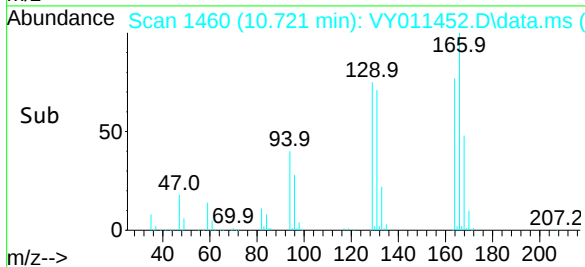
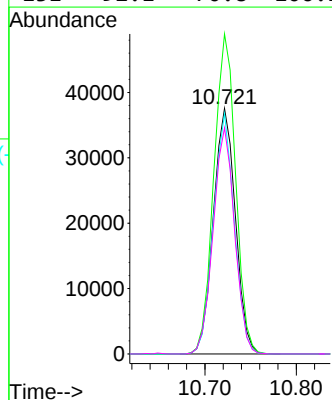
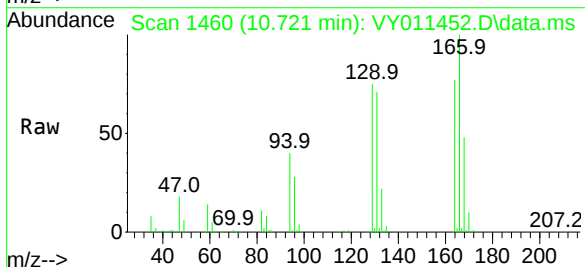
Ion Ratio Lower Upper

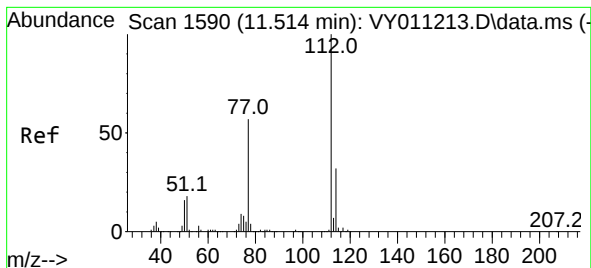
164 100

166 130.3 100.4 150.6

129 97.9 71.4 107.0

131 92.1 70.8 106.2





#65

Chlorobenzene

Concen: 20.671 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

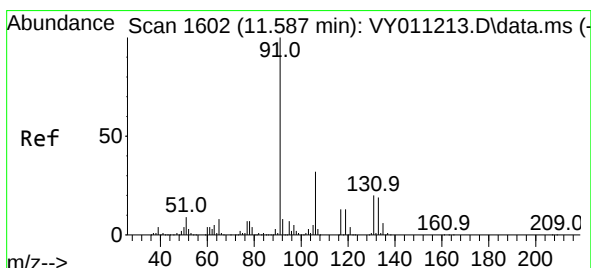
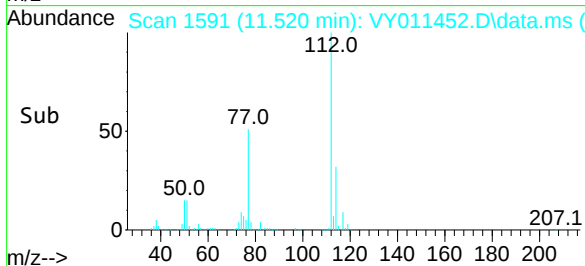
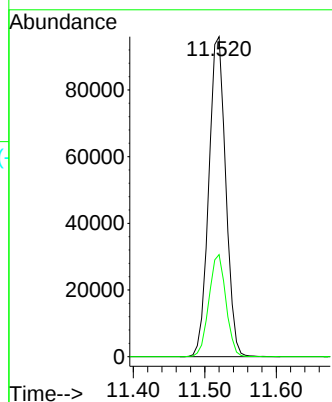
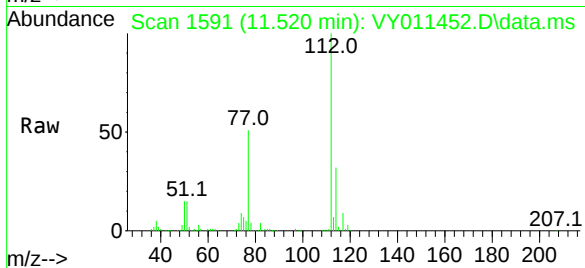
VY1115SBS01

Tgt Ion:112 Resp: 157960

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.575 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

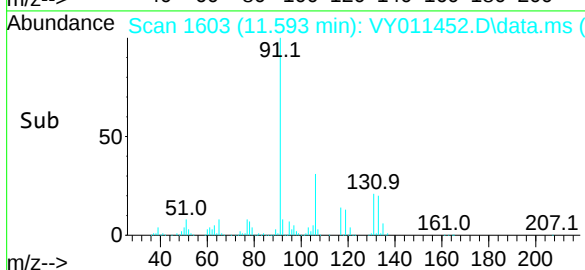
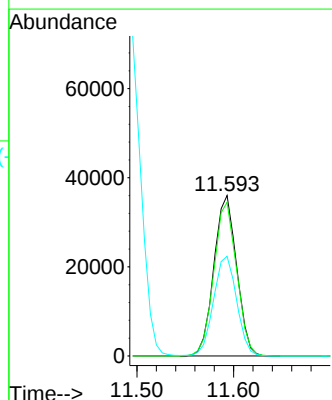
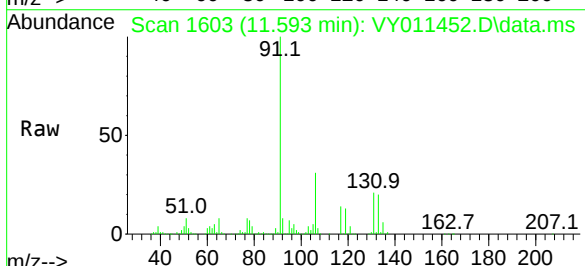
Tgt Ion:131 Resp: 58825

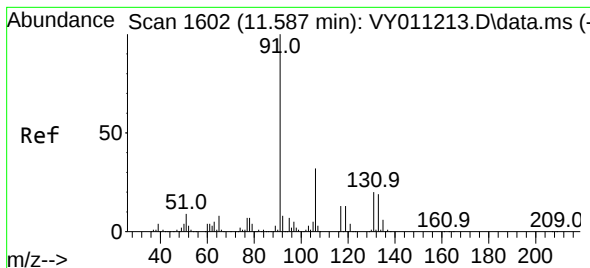
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

119 63.3 30.8 92.3





#67

Ethyl Benzene

Concen: 20.354 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

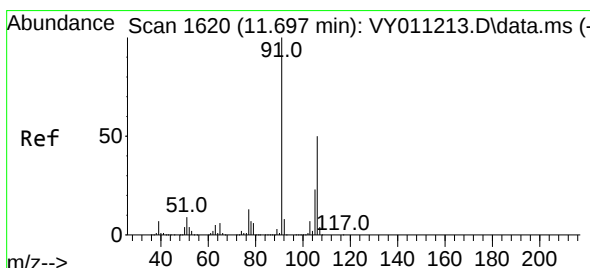
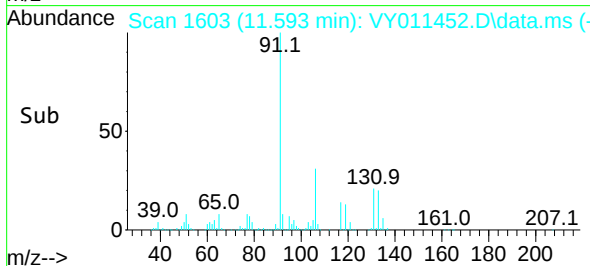
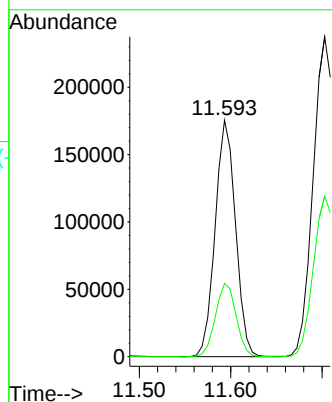
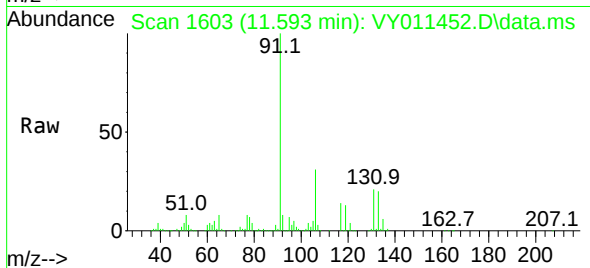
VY1115SBS01

Tgt Ion: 91 Resp: 271788

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 41.159 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011452.D

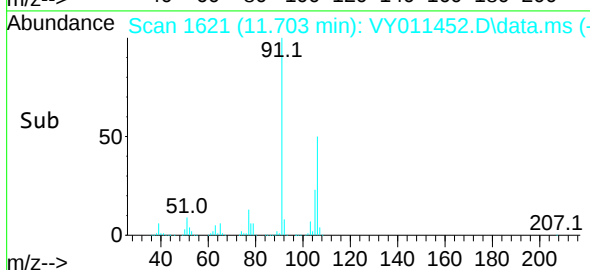
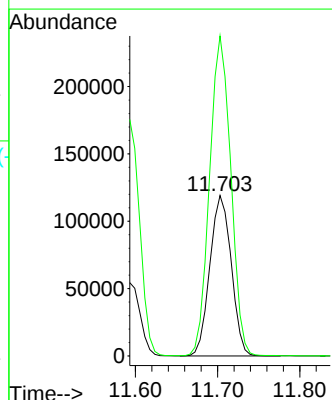
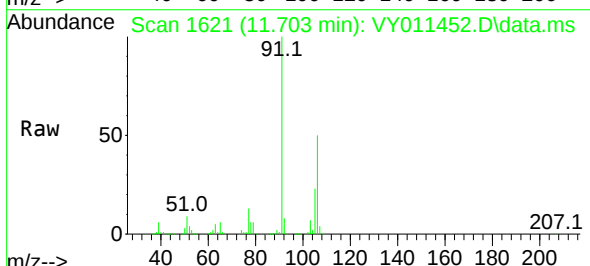
Acq: 15 Nov 2022 12:58

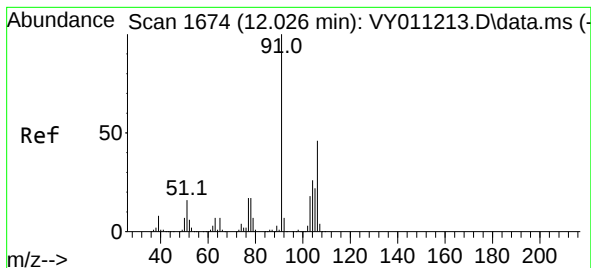
Tgt Ion:106 Resp: 215466

Ion Ratio Lower Upper

106 100

91 197.8 166.6 249.8





#69

o-Xylene

Concen: 20.403 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

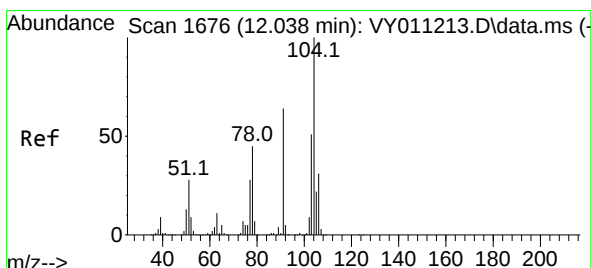
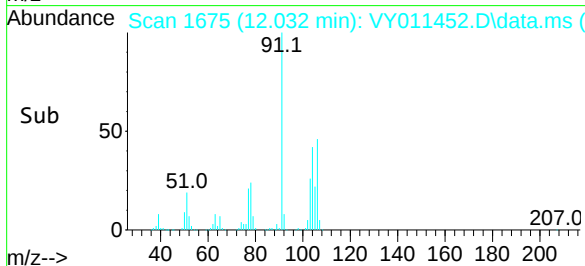
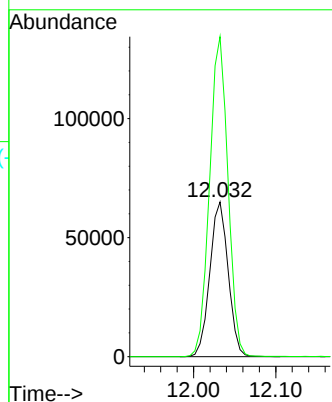
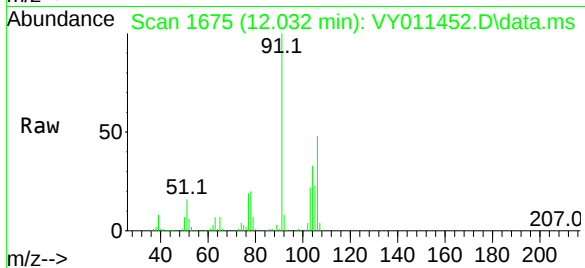
VY1115SBS01

Tgt Ion:106 Resp: 100739

Ion Ratio Lower Upper

106 100

91 207.1 110.3 331.0



#70

Styrene

Concen: 20.556 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

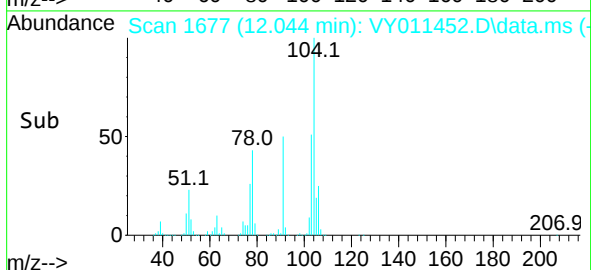
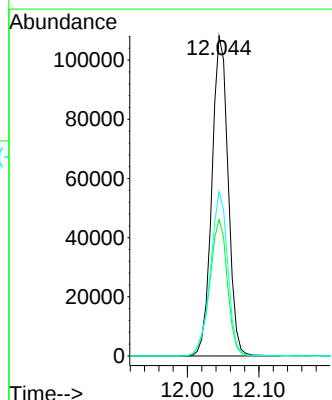
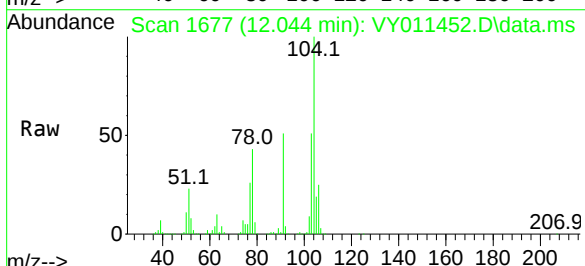
Tgt Ion:104 Resp: 170616

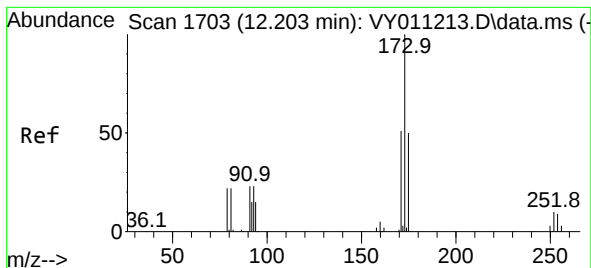
Ion Ratio Lower Upper

104 100

78 46.5 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 20.726 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

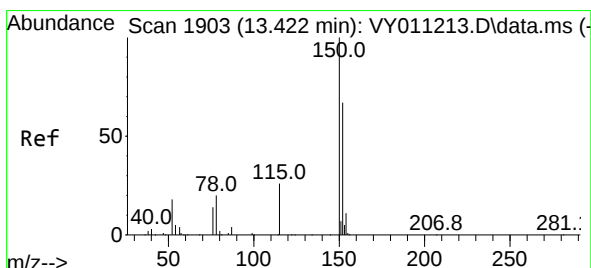
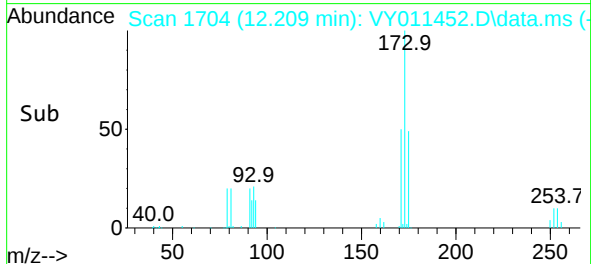
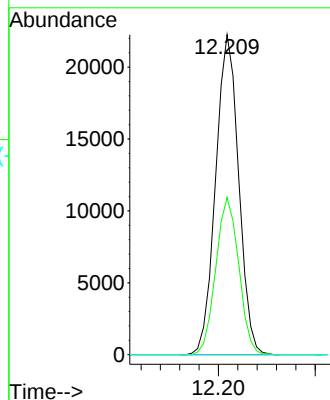
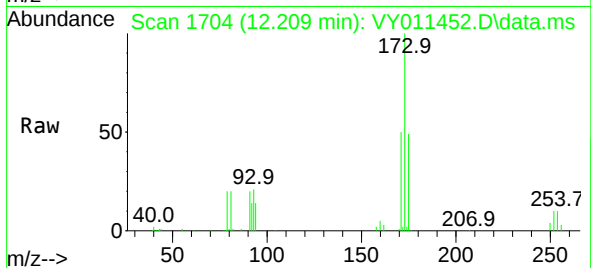
Tgt Ion:173 Resp: 36729

Ion Ratio Lower Upper

173 100

175 48.9 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: VY011452.D

Acq: 15 Nov 2022 12:58

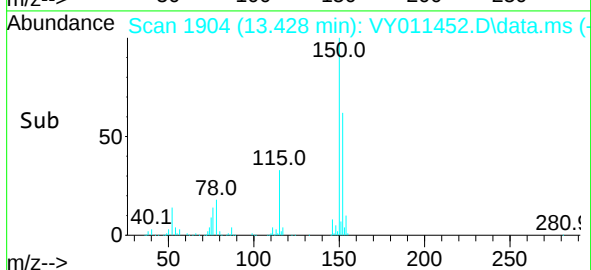
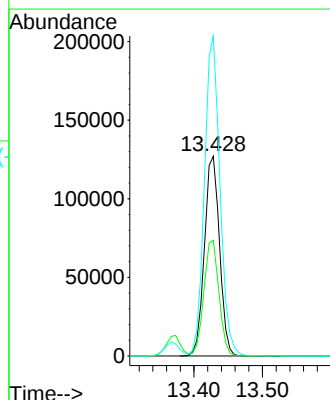
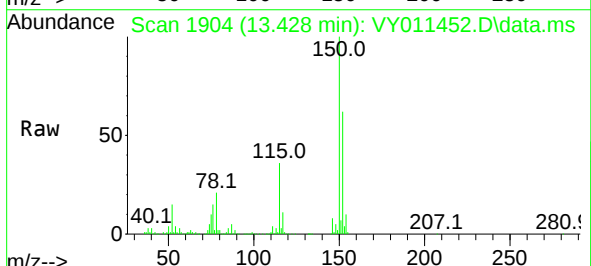
Tgt Ion:152 Resp: 195186

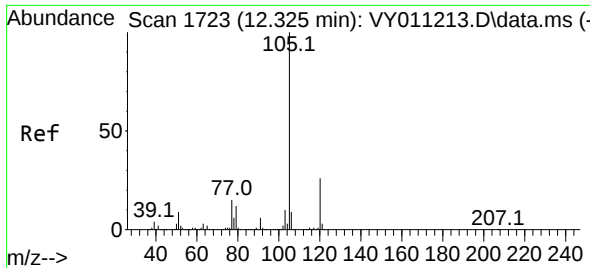
Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 164.3 0.0 347.6

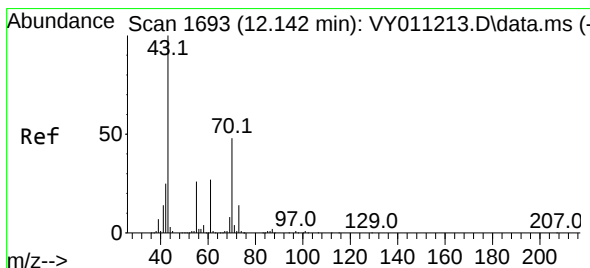
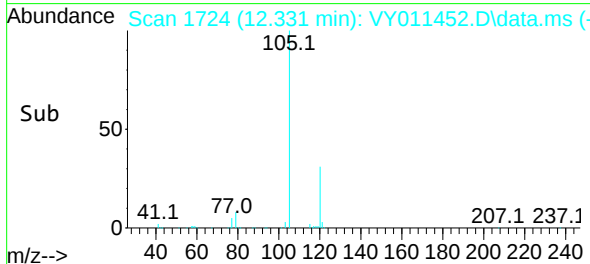
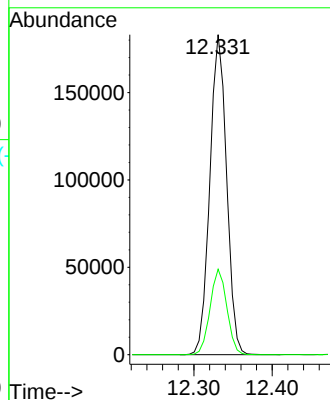
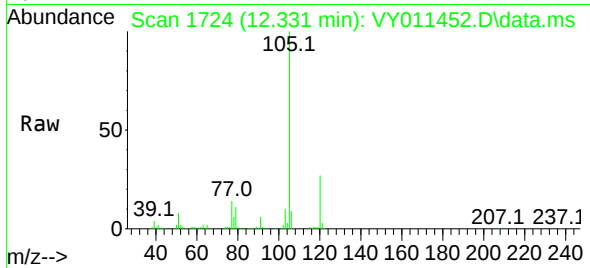




#73
Isopropylbenzene
Concen: 20.142 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

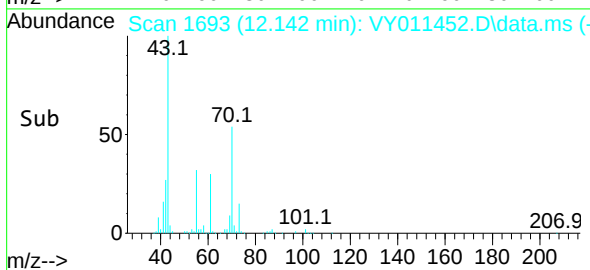
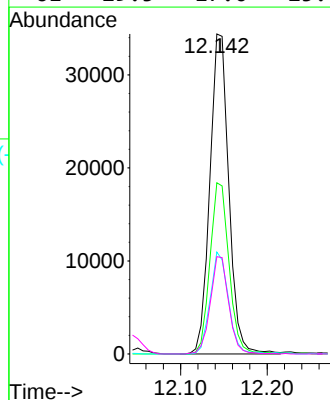
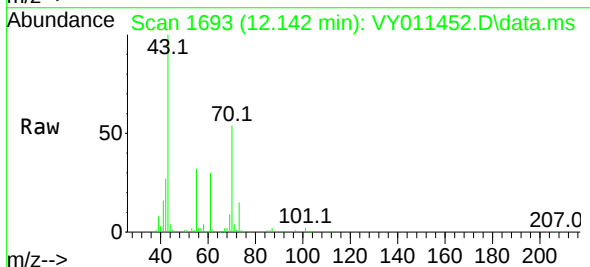
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

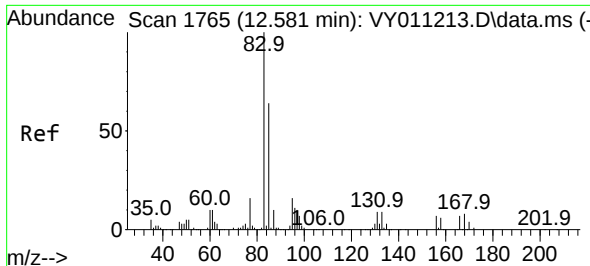
Tgt Ion:105 Resp: 271730
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 18.450 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 43 Resp: 52366
Ion Ratio Lower Upper
43 100
70 53.9 28.7 43.1#
55 30.7 17.3 25.9#
61 29.5 17.0 25.6#

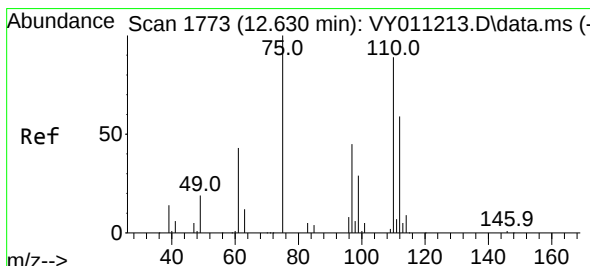
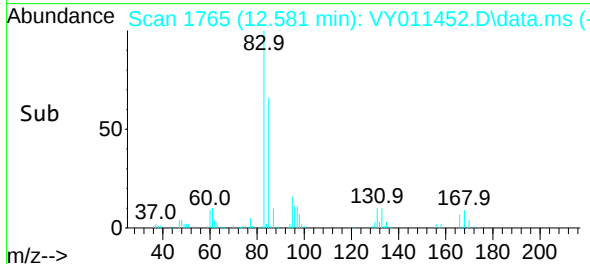
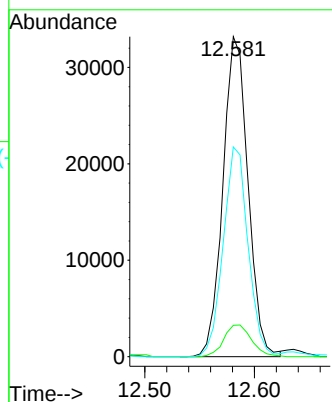
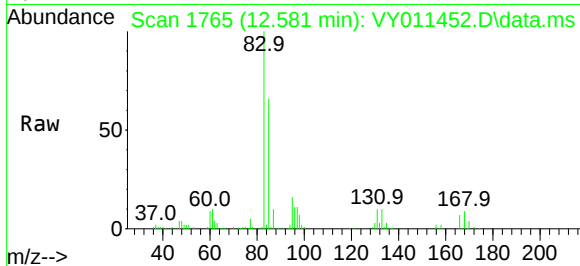




#75
1,1,2,2-Tetrachloroethane
Concen: 20.360 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

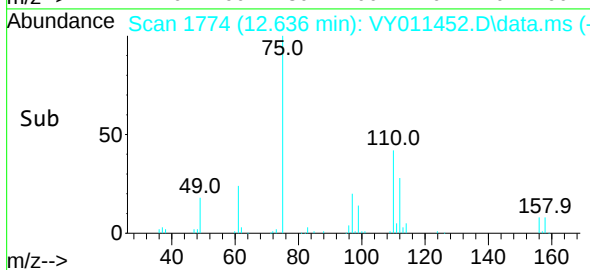
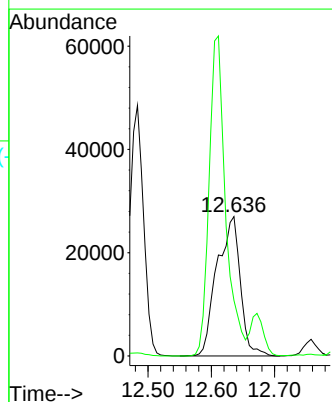
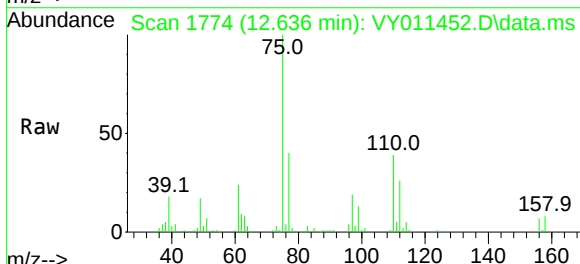
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

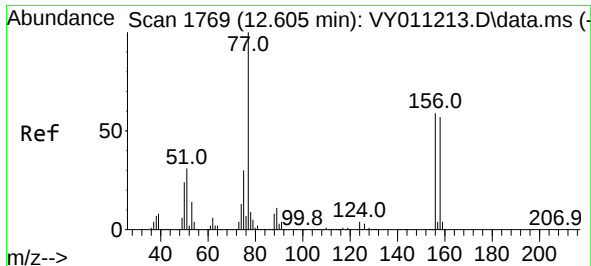
Tgt Ion: 83 Resp: 52772
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 30.653 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 75 Resp: 69256
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

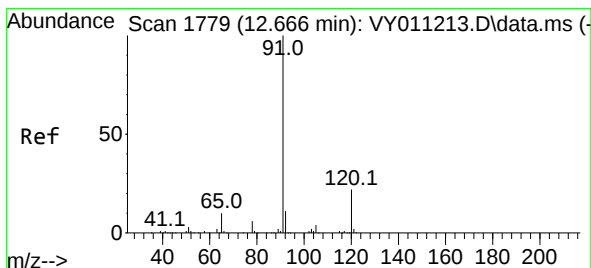
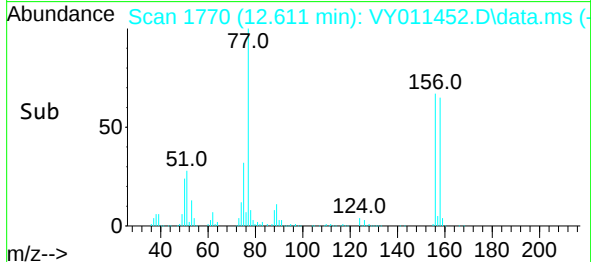
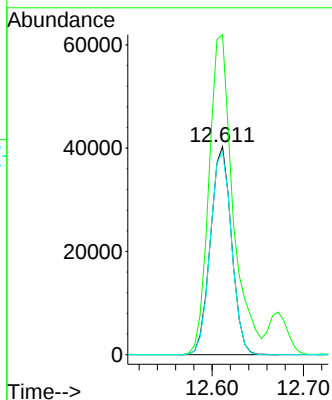
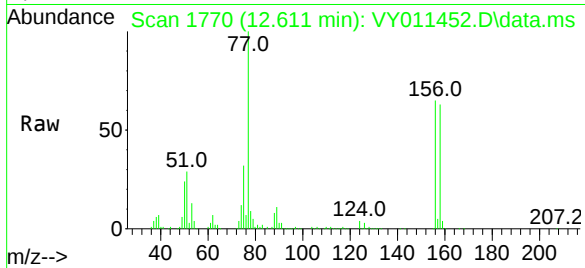




#77
Bromobenzene
Concen: 19.945 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

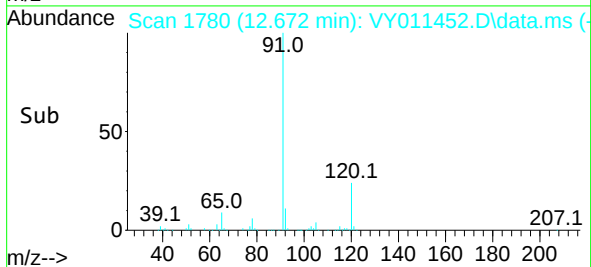
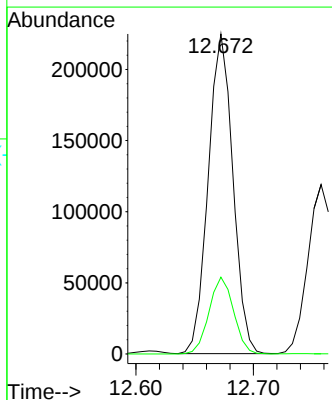
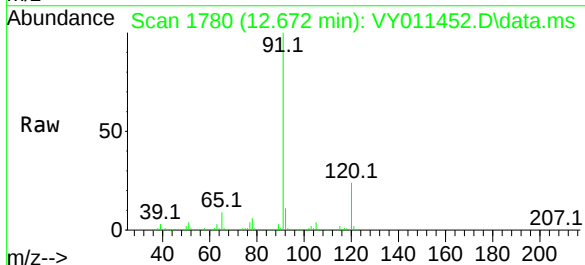
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

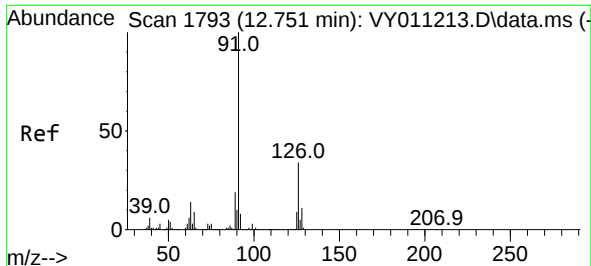
Tgt Ion:156 Resp: 64343
Ion Ratio Lower Upper
156 100
77 175.7 95.5 286.4
158 98.8 48.0 144.0



#78
n-propylbenzene
Concen: 20.382 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 91 Resp: 328097
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9

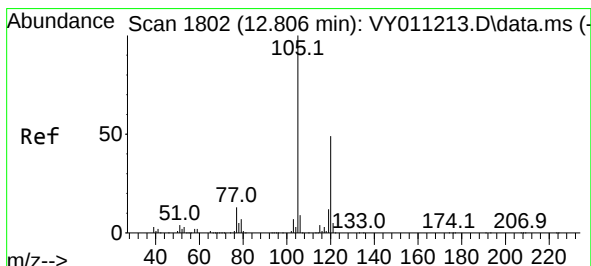
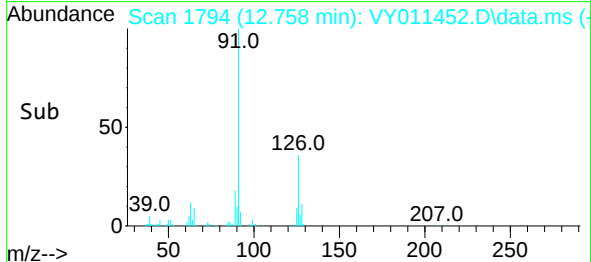
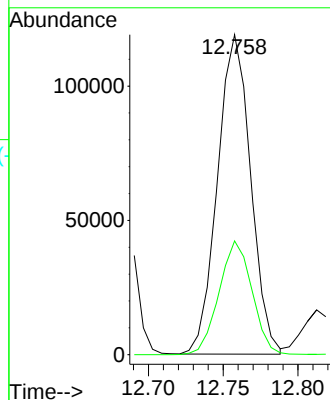
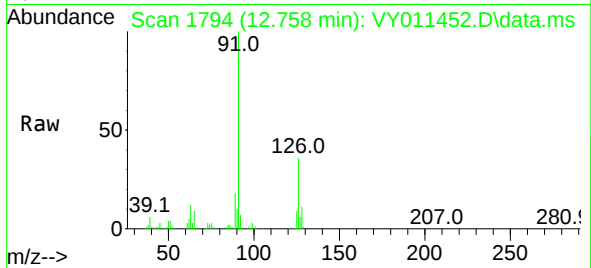




#79
2-Chlorotoluene
Concen: 19.921 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

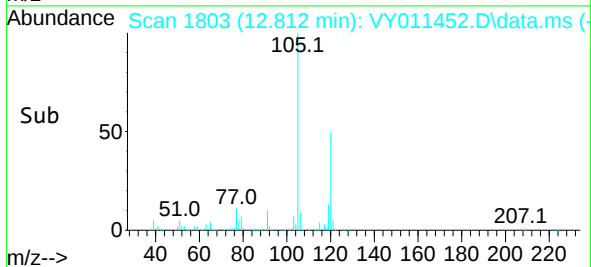
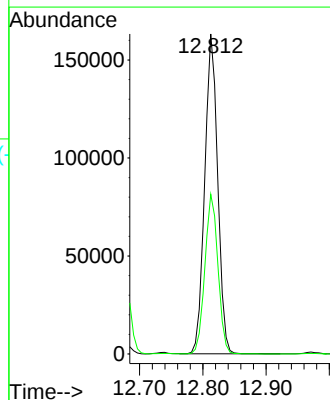
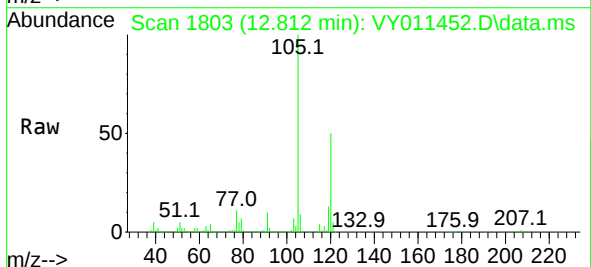
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

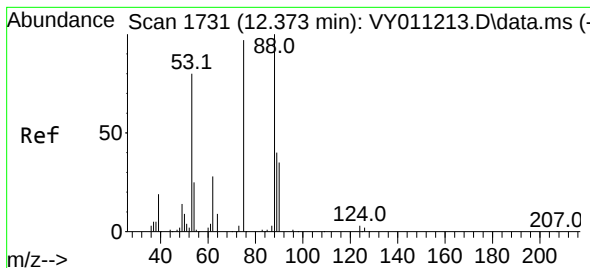
Tgt Ion: 91 Resp: 183395
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.515 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 105 Resp: 233434
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

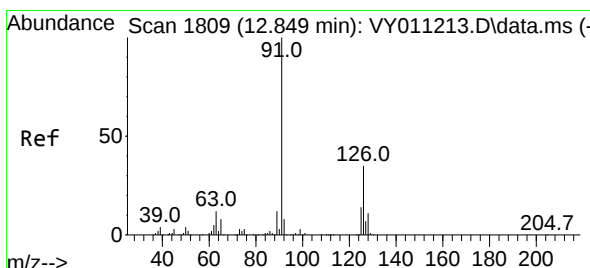
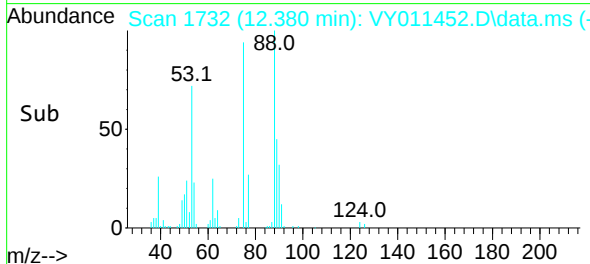
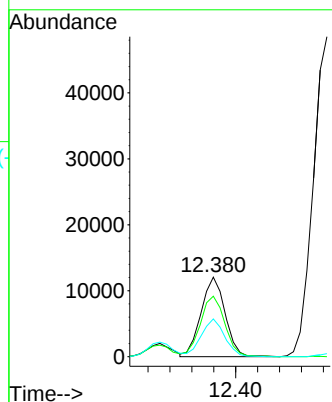
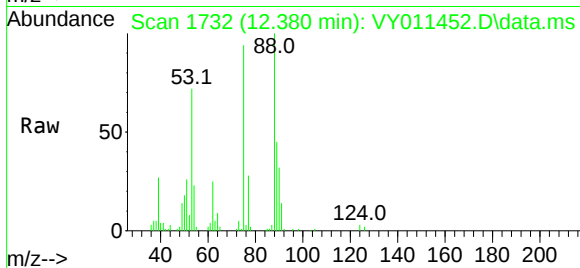




#81
trans-1,4-Dichloro-2-butene
Concen: 19.531 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

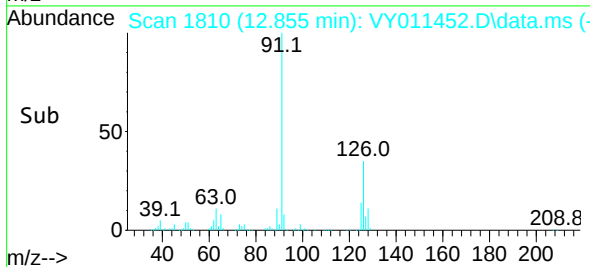
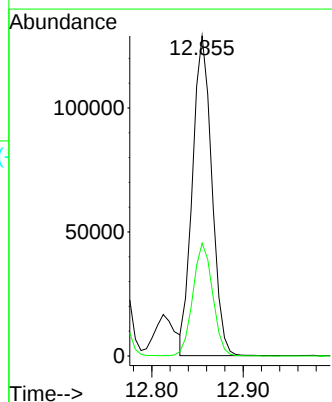
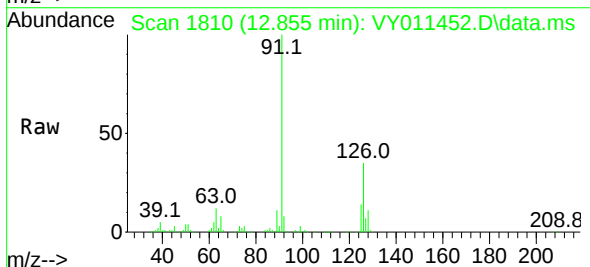
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

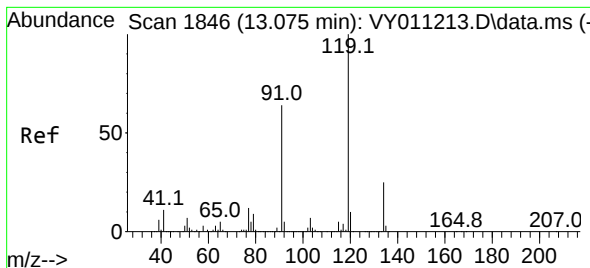
Tgt Ion: 75 Resp: 18358
Ion Ratio Lower Upper
75 100
53 78.0 85.3 127.9#
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.826 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion: 91 Resp: 189473
Ion Ratio Lower Upper
91 100
126 36.1 17.0 51.0

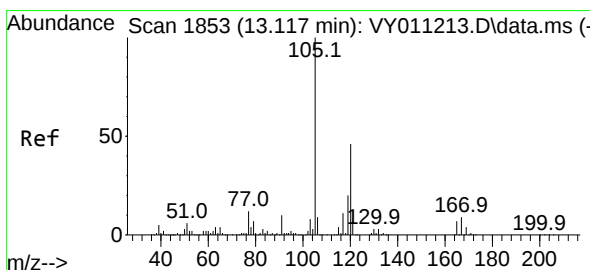
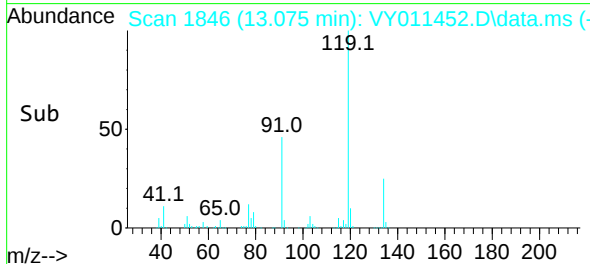
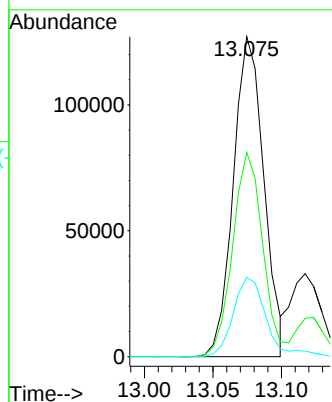
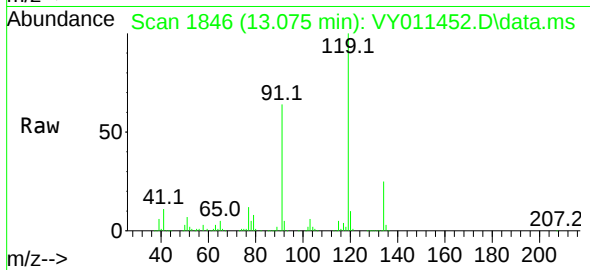




#83
tert-Butylbenzene
Concen: 20.028 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

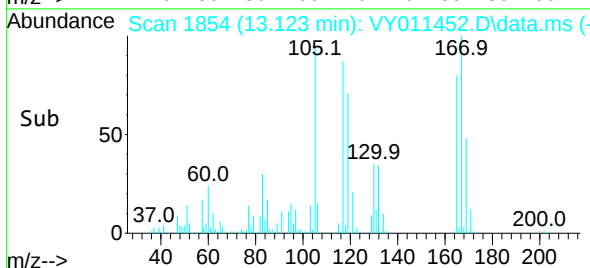
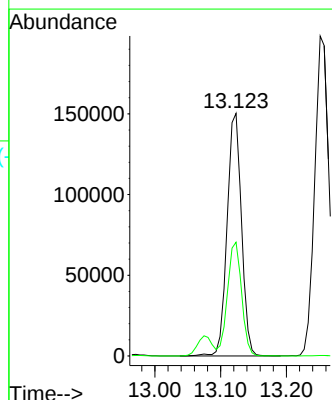
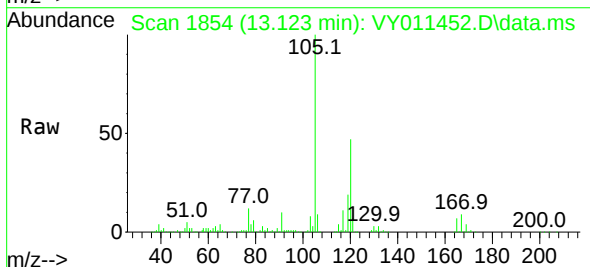
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

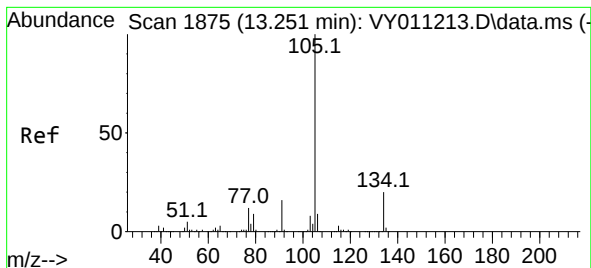
Tgt Ion:119 Resp: 197032
Ion Ratio Lower Upper
119 100
91 63.3 34.8 104.4
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.483 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion:105 Resp: 228772
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.484 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

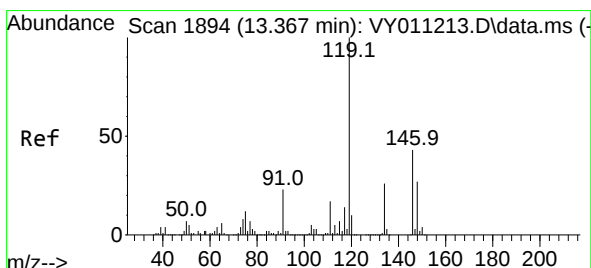
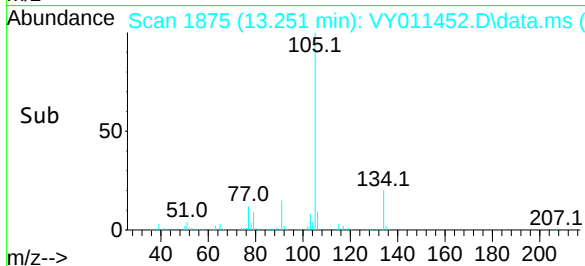
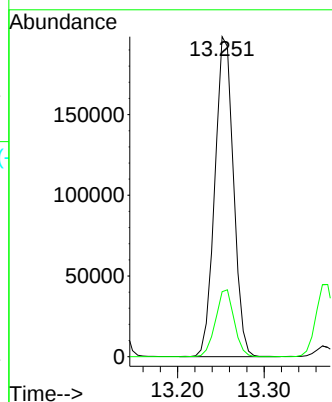
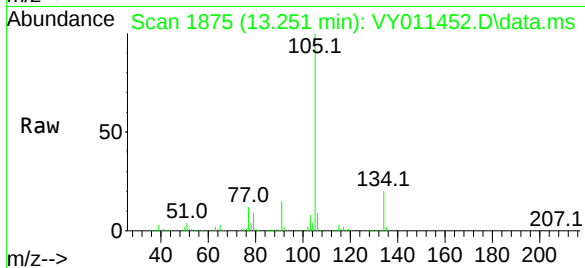
VY1115SBS01

Tgt Ion:105 Resp: 296631

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.728 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

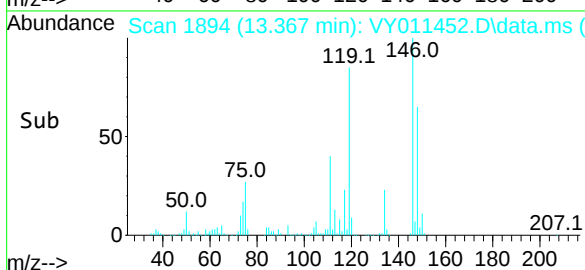
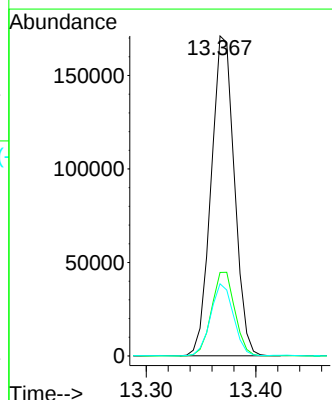
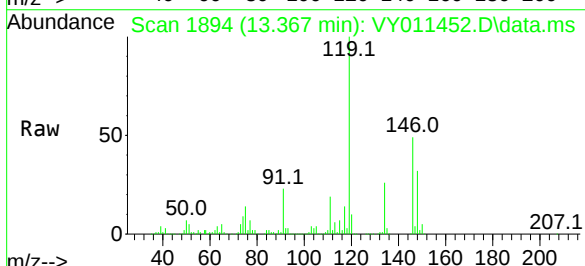
Tgt Ion:119 Resp: 251604

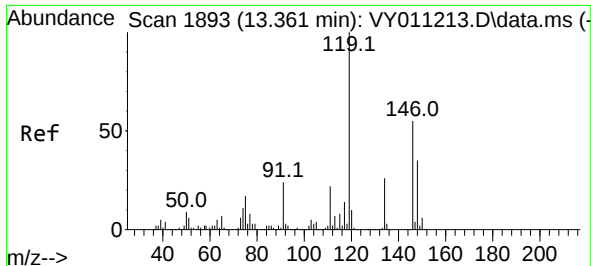
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.1 12.4 37.2

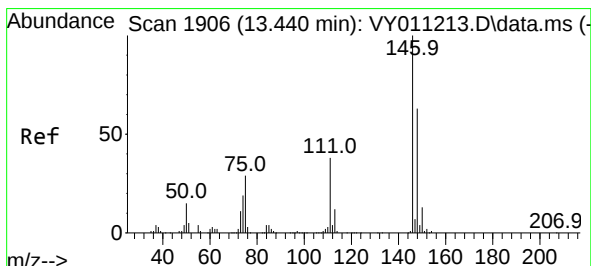
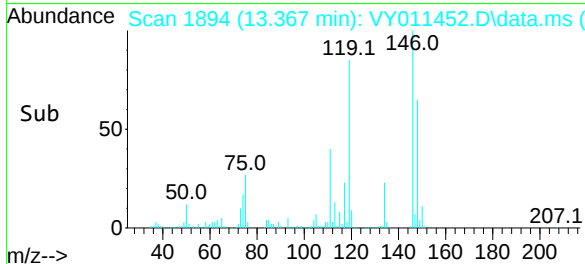
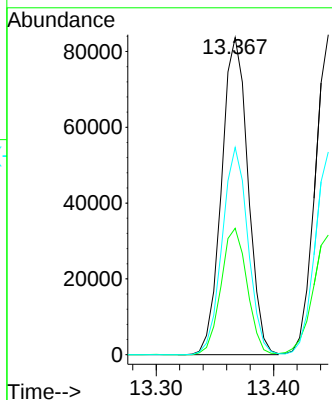
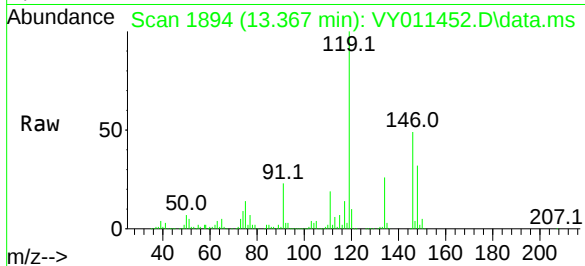




#87
1,3-Dichlorobenzene
Concen: 20.282 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

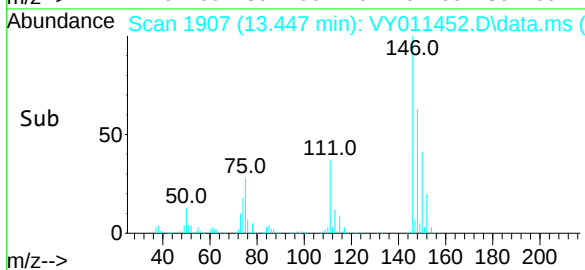
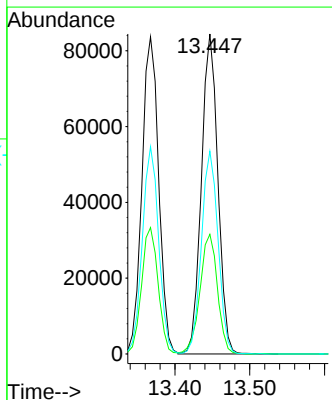
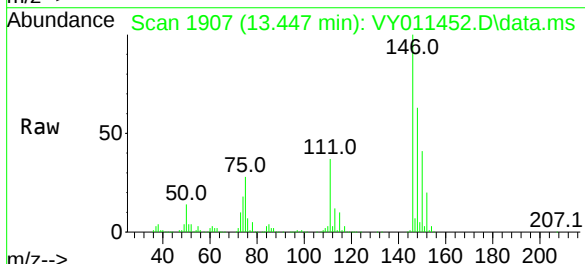
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

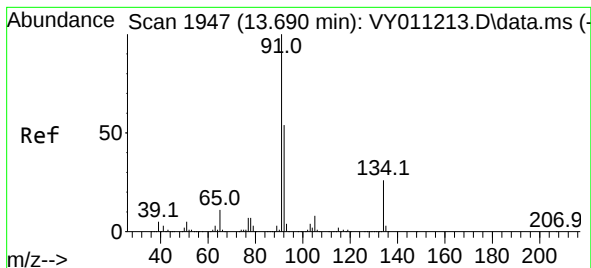
Tgt Ion:146 Resp: 130614
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.291 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY011452.D
Acq: 15 Nov 2022 12:58

Tgt Ion:146 Resp: 129220
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 20.441 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

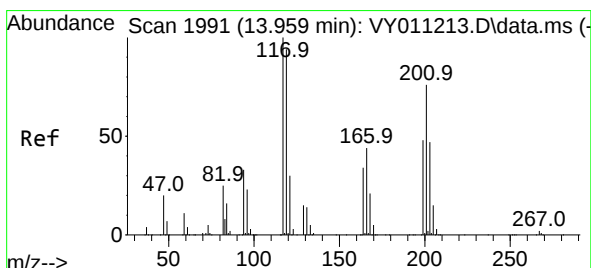
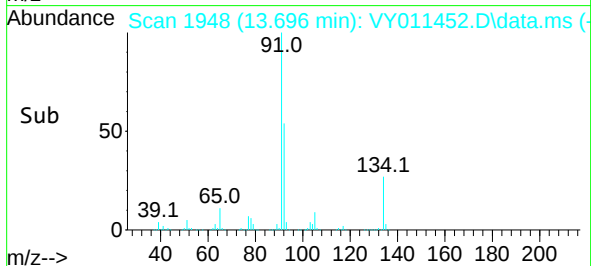
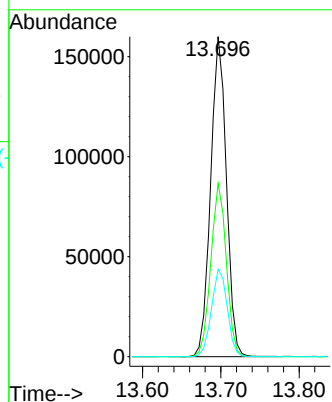
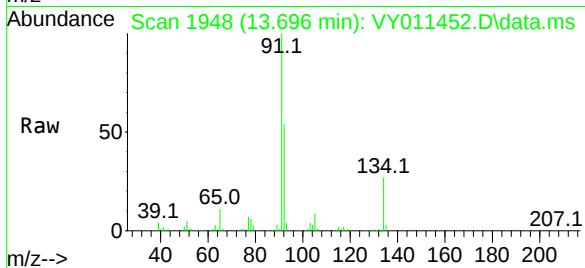
Tgt Ion: 91 Resp: 222956

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 20.494 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011452.D

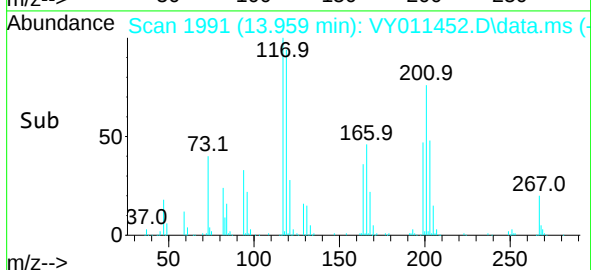
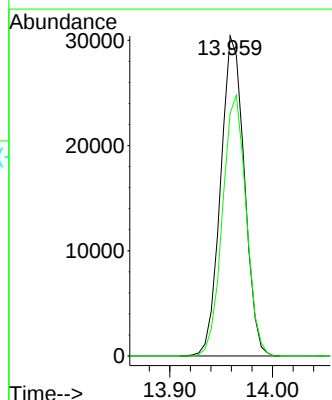
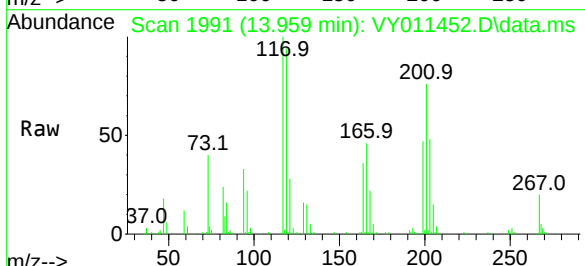
Acq: 15 Nov 2022 12:58

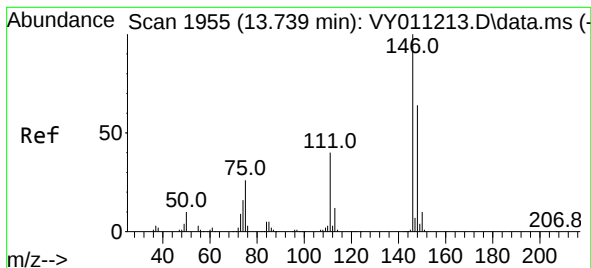
Tgt Ion: 117 Resp: 48672

Ion Ratio Lower Upper

117 100

201 81.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

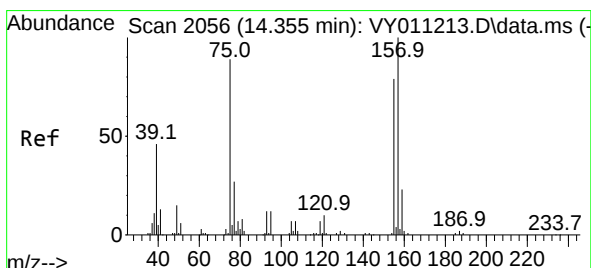
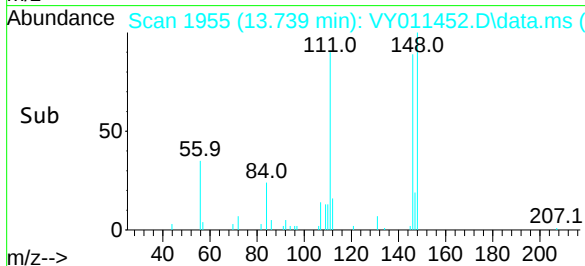
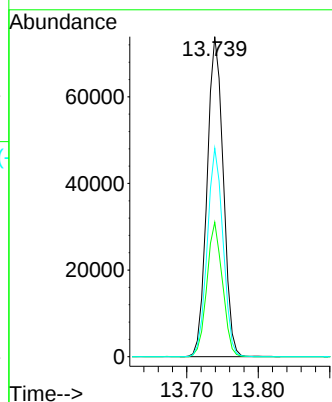
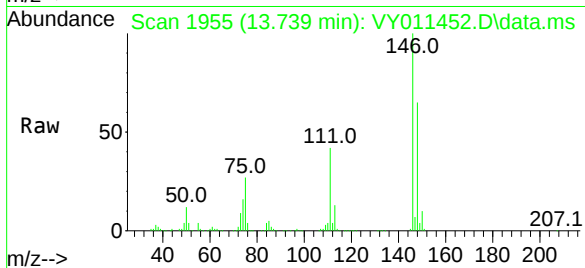
Tgt Ion:146 Resp: 116169

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.663 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

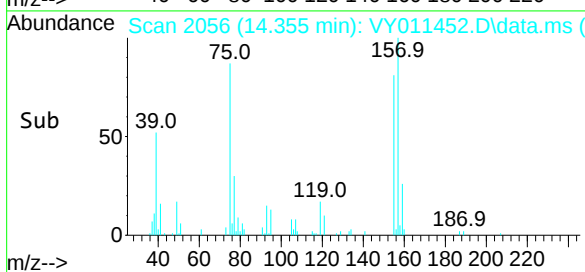
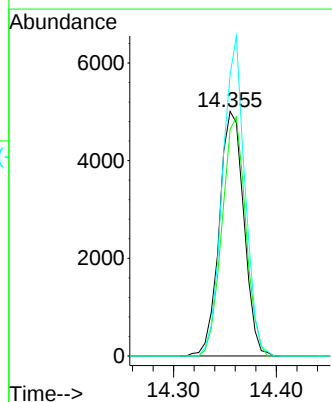
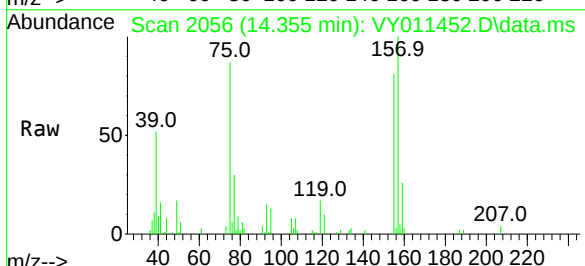
Tgt Ion: 75 Resp: 8304

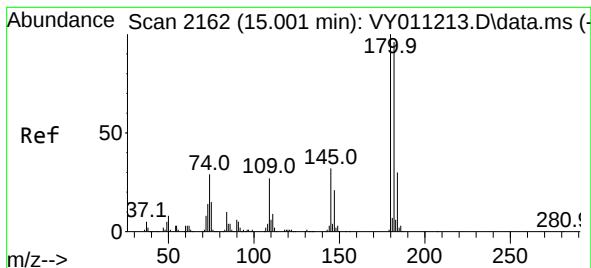
Ion Ratio Lower Upper

75 100

155 94.0 38.0 113.9

157 118.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.067 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

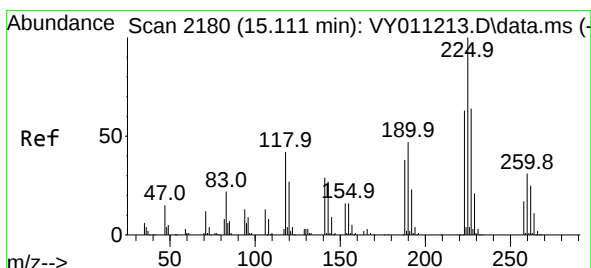
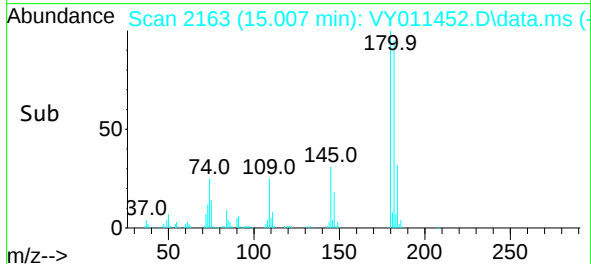
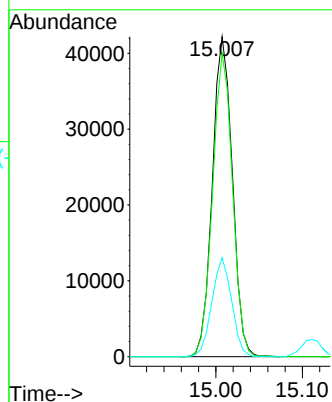
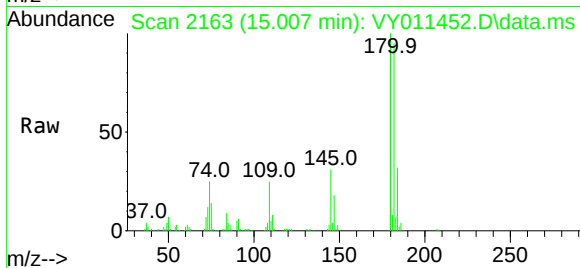
Tgt Ion:180 Resp: 67579

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.588 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

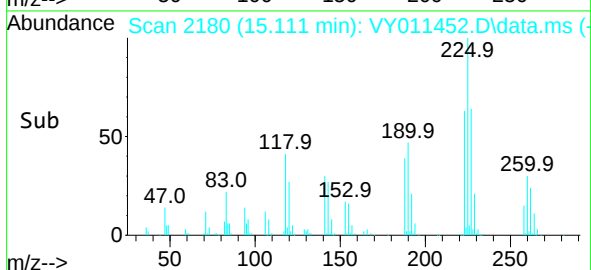
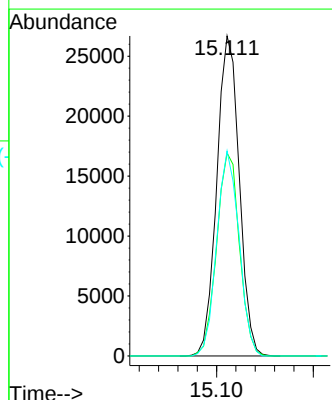
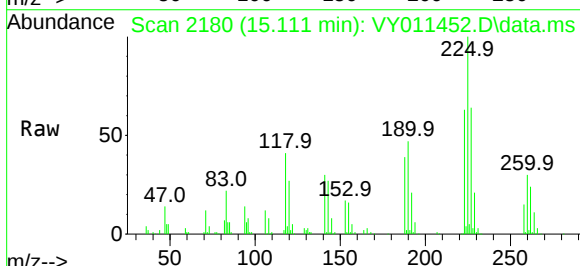
Tgt Ion:225 Resp: 42953

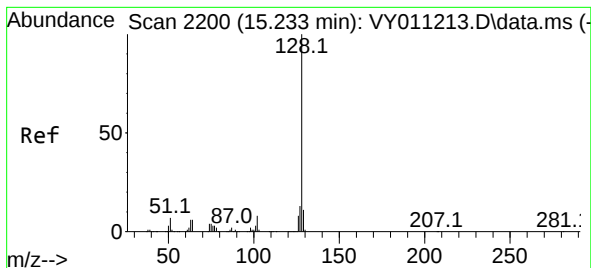
Ion Ratio Lower Upper

225 100

223 64.2 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 19.584 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

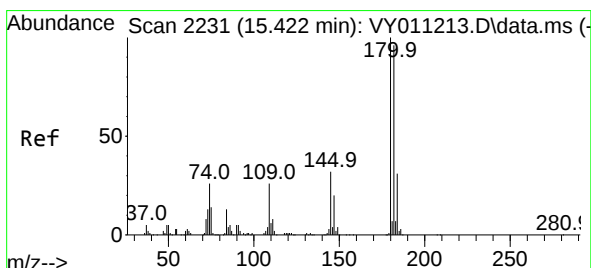
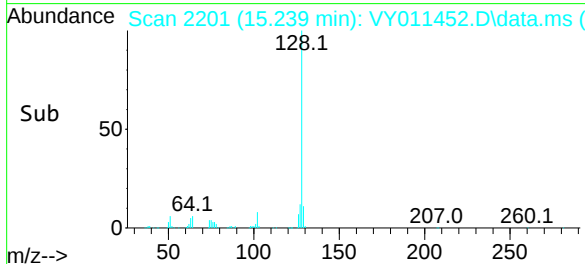
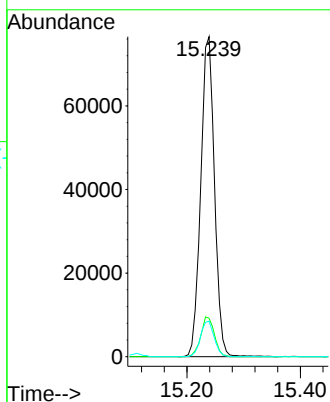
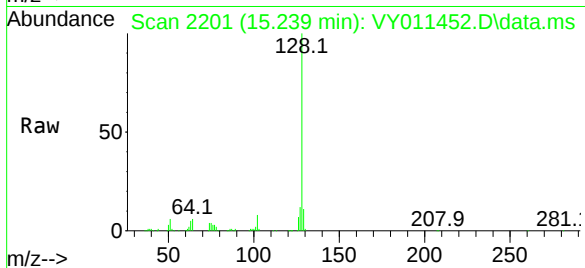
Tgt Ion:128 Resp: 128873

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.201 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011452.D

Acq: 15 Nov 2022 12:58

Tgt Ion:180 Resp: 58748

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.1 15.3 45.9

