

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012201.D
 Acq On : 16 Jan 2023 15:21
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011623

Quant Time: Jan 17 04:44:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84654	46.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.716	113	80172	46.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.160%
50) Toluene-d8	10.179	98	291922	48.273	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.483	95	110178	44.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85653	45.312	ug/l	98
3) Chloromethane	2.113	50	84630	48.497	ug/l	100
4) Vinyl Chloride	2.253	62	97140	47.692	ug/l	99
5) Bromomethane	2.650	94	77703	49.343	ug/l	95
6) Chloroethane	2.796	64	63518	47.816	ug/l	98
7) Trichlorofluoromethane	3.125	101	183805	46.237	ug/l	99
8) Diethyl Ether	3.527	74	56332	47.622	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	94826	49.012	ug/l	96
10) Methyl Iodide	4.094	142	125295	42.614	ug/l	96
11) Tert butyl alcohol	4.948	59	50188	235.151	ug/l	99
12) 1,1-Dichloroethene	3.875	96	97427	49.041	ug/l	99
13) Acrolein	3.729	56	17145	210.432	ug/l	98
14) Allyl chloride	4.485	41	127247	51.802	ug/l #	89
15) Acrylonitrile	5.161	53	131152	253.831	ug/l	100
16) Acetone	3.942	43	155900	258.836	ug/l	97
17) Carbon Disulfide	4.198	76	301549	49.073	ug/l	100
18) Methyl Acetate	4.478	43	67457	50.051	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	272026	49.120	ug/l	95
20) Methylene Chloride	4.716	84	126255	50.066	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	109342	49.322	ug/l	91
22) Diisopropyl ether	6.118	45	252934	51.649	ug/l #	93
23) Vinyl Acetate	6.057	43	797164	261.229	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	170311	50.139	ug/l	99
25) 2-Butanone	6.984	43	171393	257.755	ug/l	94
26) 2,2-Dichloropropane	6.984	77	176514	47.870	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	118726	48.756	ug/l	95
28) Bromochloromethane	7.332	49	35409	47.732	ug/l #	79
29) Tetrahydrofuran	7.350	42	95941	262.673	ug/l #	86
30) Chloroform	7.502	83	192807	48.085	ug/l	97
31) Cyclohexane	7.783	56	150989	47.876	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	191163	48.157	ug/l	98
36) 1,1-Dichloropropene	7.917	75	145114	49.073	ug/l	98
37) Ethyl Acetate	7.069	43	65145	49.973	ug/l #	95
38) Carbon Tetrachloride	7.899	117	180637	47.298	ug/l	99
39) Methylcyclohexane	9.185	83	184773	51.131	ug/l	94
40) Benzene	8.161	78	416552	48.806	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	93515	122.042	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	129058	47.498	ug/l	99
43) Isopropyl Acetate	8.270	43	125793	51.866	ug/l #	96
44) Trichloroethene	8.941	130	123908	48.572	ug/l	97
45) 1,2-Dichloropropane	9.215	63	90190	50.643	ug/l	100
46) Dibromomethane	9.307	93	58454	49.029	ug/l	96
47) Bromodichloromethane	9.496	83	148143	49.362	ug/l	99
48) Methyl methacrylate	9.295	41	57741	51.670	ug/l	91
49) 1,4-Dioxane	9.295	88	15364	945.728	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	338592	261.813	ug/l	96
52) Toluene	10.246	92	277243	48.787	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	155374	49.495	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	168268	49.773	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	83848	49.500	ug/l	99
56) Ethyl methacrylate	10.508	69	113265	50.968	ug/l	96
57) 1,3-Dichloropropane	10.788	76	138713	50.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	179333	243.884	ug/l	92
59) 2-Hexanone	10.831	43	262402	266.500	ug/l	97
60) Dibromochloromethane	10.983	129	109437	48.711	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81193	49.674	ug/l	100
64) Tetrachloroethene	10.721	164	132743	48.514	ug/l	98
65) Chlorobenzene	11.520	112	298202	48.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	111694	48.232	ug/l	98
67) Ethyl Benzene	11.593	91	544154	49.627	ug/l	100
68) m/p-Xylenes	11.703	106	427541	98.617	ug/l	99
69) o-Xylene	12.032	106	202399	48.878	ug/l	98
70) Styrene	12.044	104	340188	49.169	ug/l	100
71) Bromoform	12.209	173	72390	48.927	ug/l #	99
73) Isopropylbenzene	12.331	105	546764	49.845	ug/l	99
74) N-amyl acetate	12.142	43	112607	52.369	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	88544	51.247	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	129024	92.239	ug/l #	100
77) Bromobenzene	12.611	156	127976	48.485	ug/l	94
78) n-propylbenzene	12.672	91	636818	49.612	ug/l	99
79) 2-Chlorotoluene	12.757	91	359521	49.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	470393	49.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	34474	50.780	ug/l	98
82) 4-Chlorotoluene	12.855	91	373651	49.014	ug/l	99
83) tert-Butylbenzene	13.074	119	415947	50.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	465404	49.490	ug/l	99
85) sec-Butylbenzene	13.251	105	587183	49.623	ug/l	98
86) p-Isopropyltoluene	13.373	119	514435	49.759	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	254156	48.414	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	252556	48.240	ug/l	99
89) n-Butylbenzene	13.696	91	452372	50.492	ug/l	99
90) Hexachloroethane	13.958	117	91082	48.802	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	222981	47.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17233	48.263	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	148260	49.397	ug/l	99
94) Hexachlorobutadiene	15.111	225	89257	49.393	ug/l	99
95) Naphthalene	15.239	128	294228	49.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	125958	48.769	ug/l	98

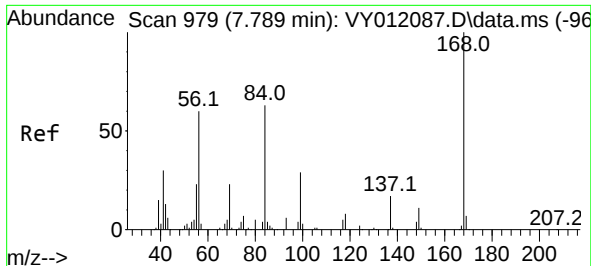
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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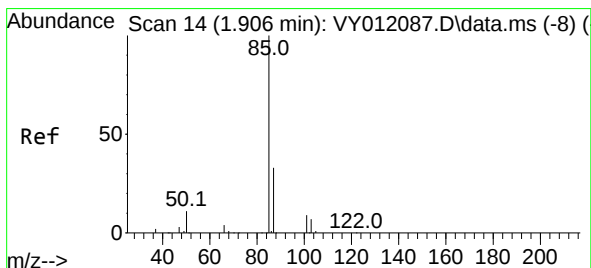
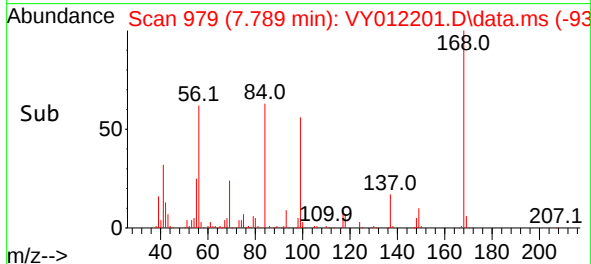
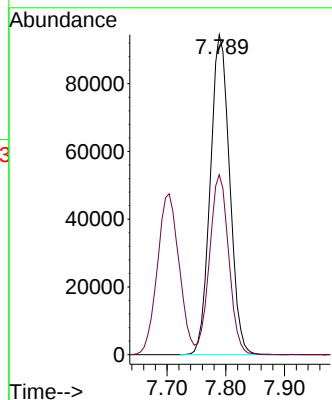
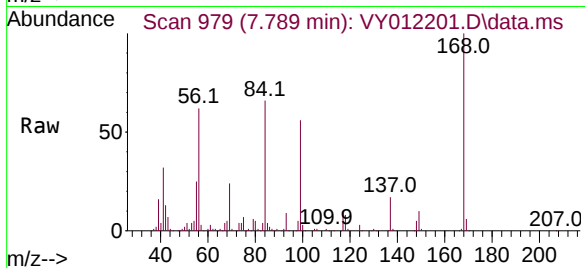
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012201.D
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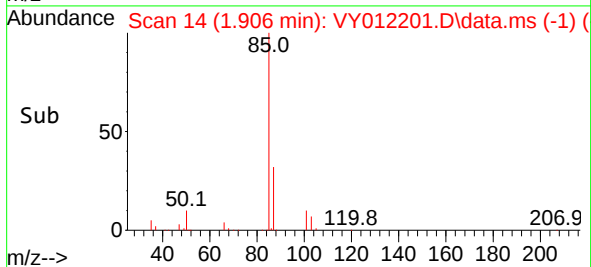
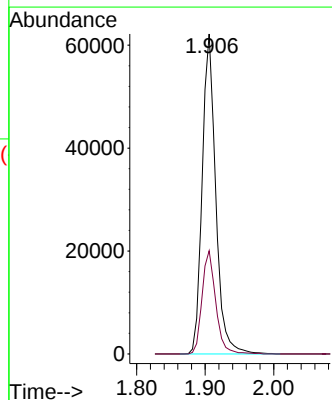
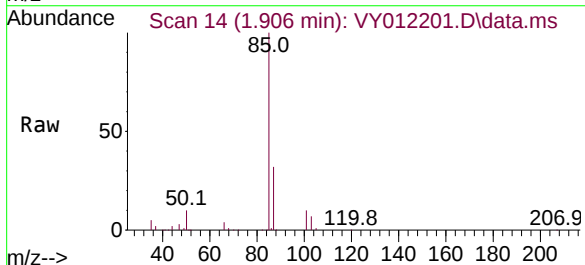
Instrument :
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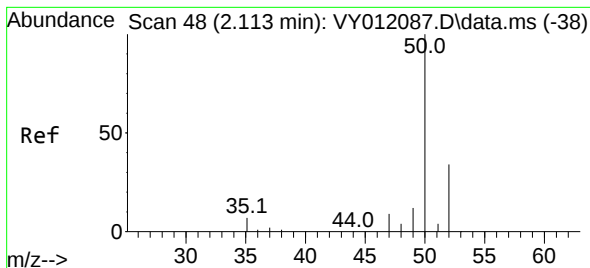
Tgt Ion:168 Resp: 216305
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 45.312 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 85 Resp: 85653
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.4





#3

Chloromethane

Concen: 48.497 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

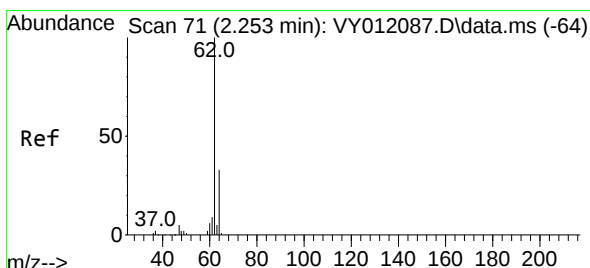
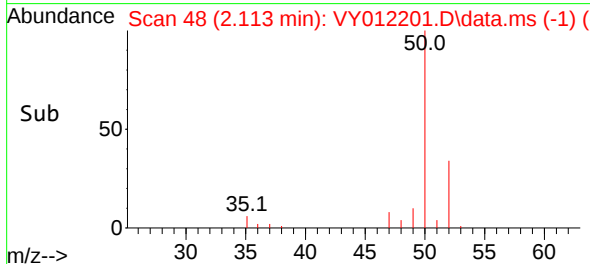
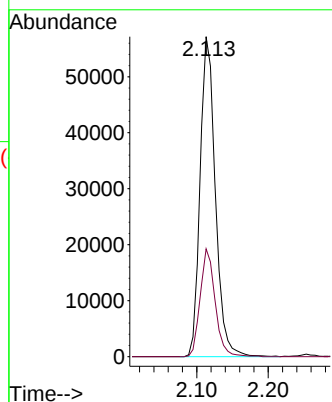
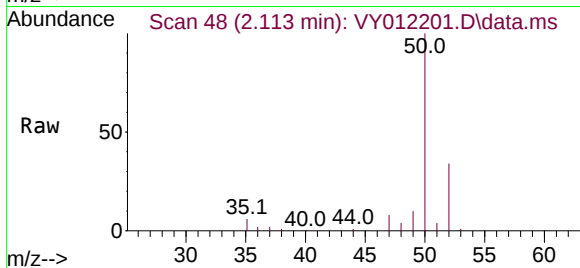
ICVVY011623

Tgt Ion: 50 Resp: 84630

Ion Ratio Lower Upper

50 100

52 33.7 26.8 40.2



#4

Vinyl Chloride

Concen: 47.692 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012201.D

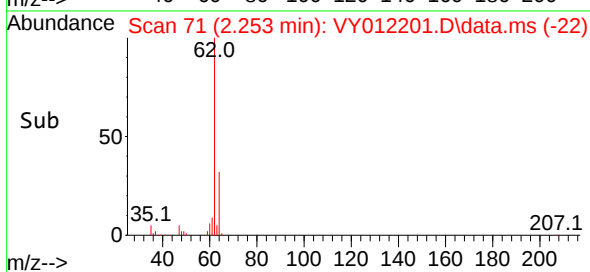
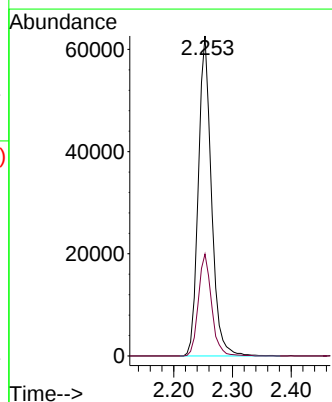
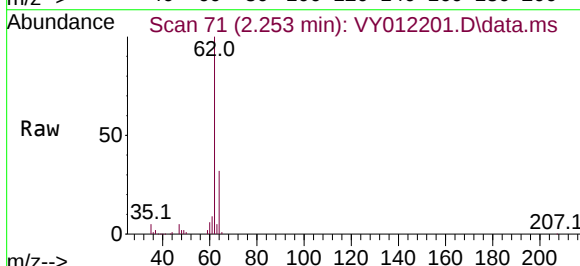
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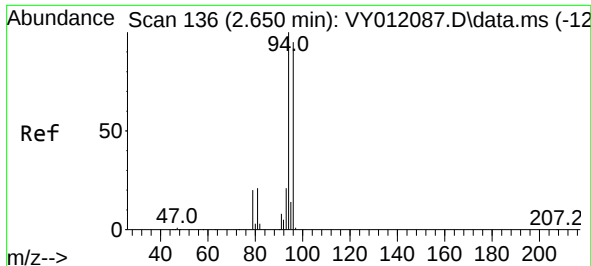
Tgt Ion: 62 Resp: 97140

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.6

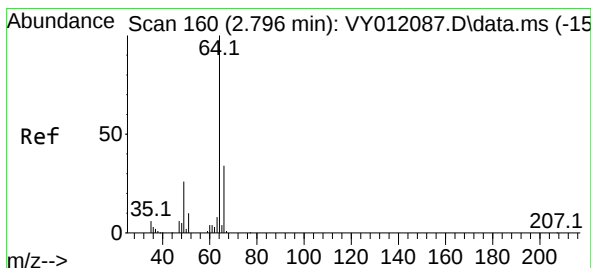
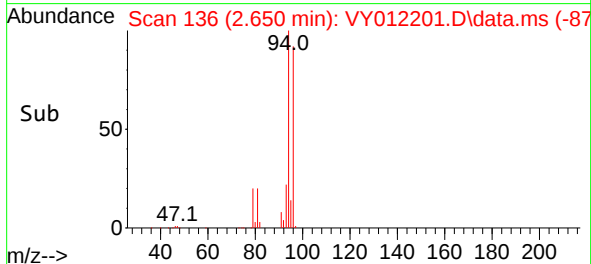
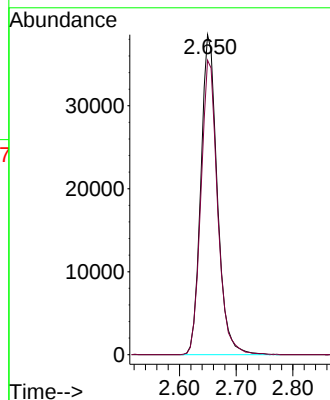
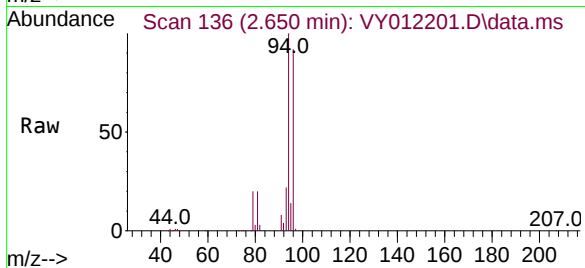




#5
Bromomethane
Concen: 49.343 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012201.D
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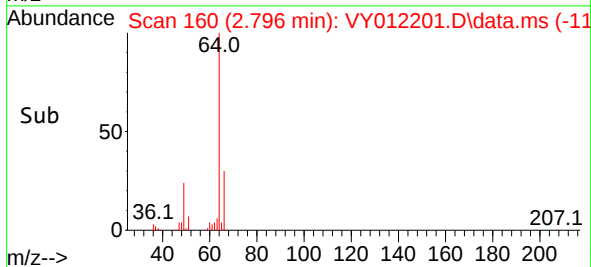
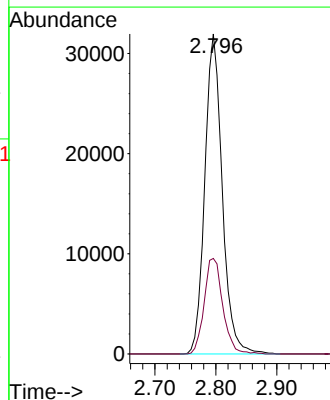
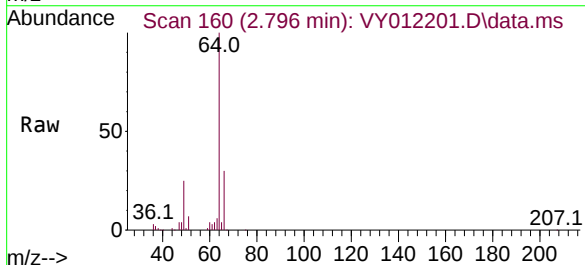
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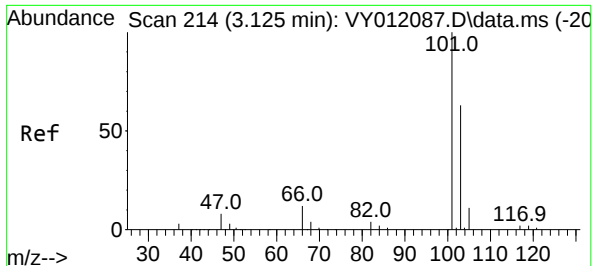
Tgt Ion: 94 Resp: 77703
Ion Ratio Lower Upper
94 100
96 92.0 77.4 116.2



#6
Chloroethane
Concen: 47.816 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 64 Resp: 63518
Ion Ratio Lower Upper
64 100
66 29.8 25.0 37.4

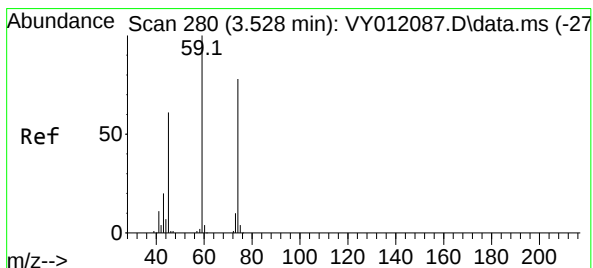
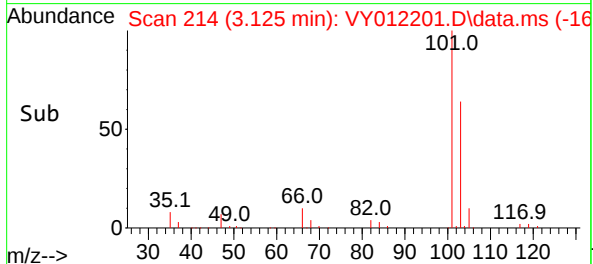
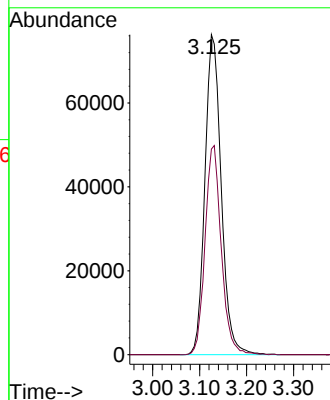
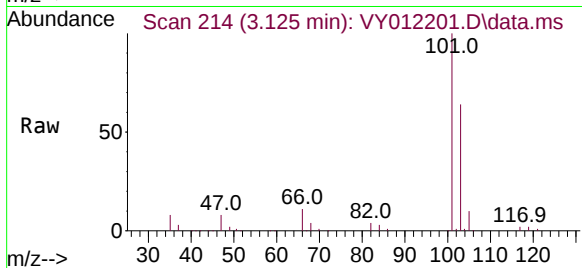




#7
Trichlorofluoromethane
Concen: 46.237 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

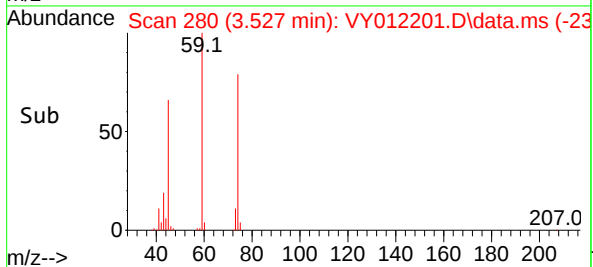
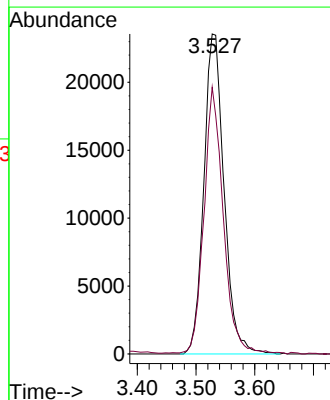
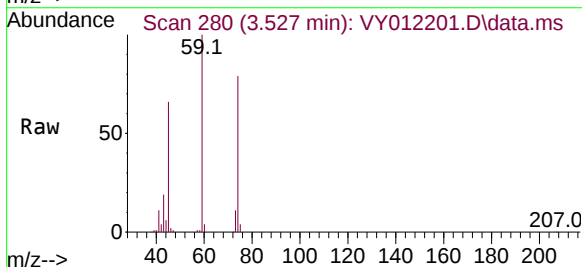
Instrument :
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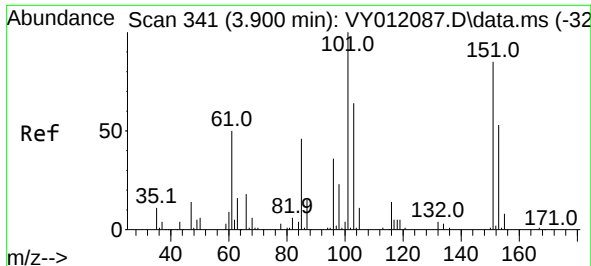
Tgt Ion:101 Resp: 183805
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6



#8
Diethyl Ether
Concen: 47.622 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 74 Resp: 56332
Ion Ratio Lower Upper
74 100
45 79.4 46.8 140.3

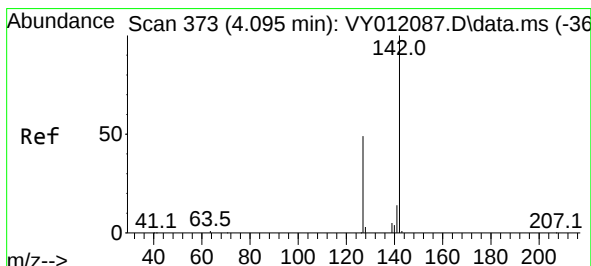
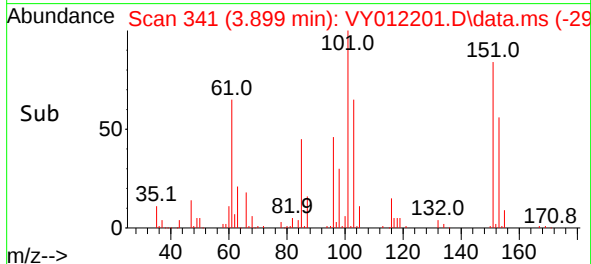
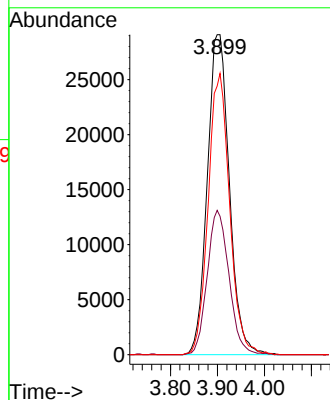
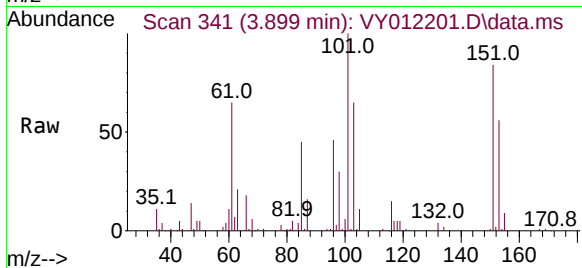




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.012 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012201.D
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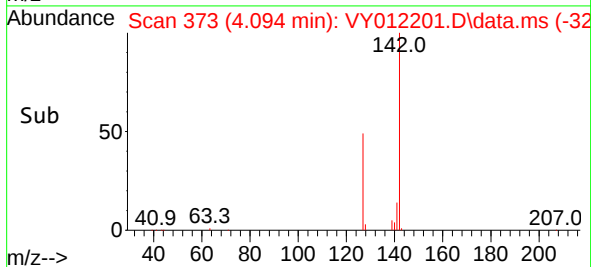
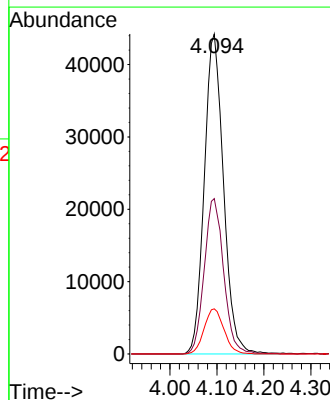
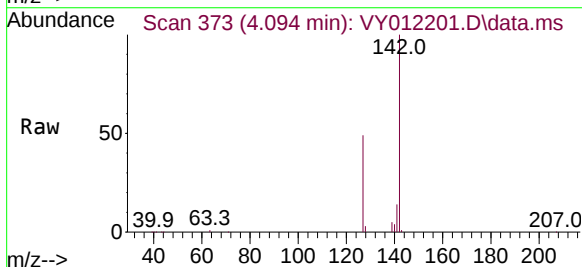
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

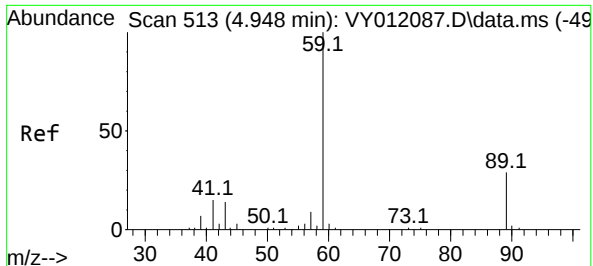
Tgt Ion:101 Resp: 94826
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.2
151 85.5 64.2 96.2



#10
Methyl Iodide
Concen: 42.614 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion:142 Resp: 125295
Ion Ratio Lower Upper
142 100
127 49.0 37.0 55.4
141 14.6 11.4 17.0

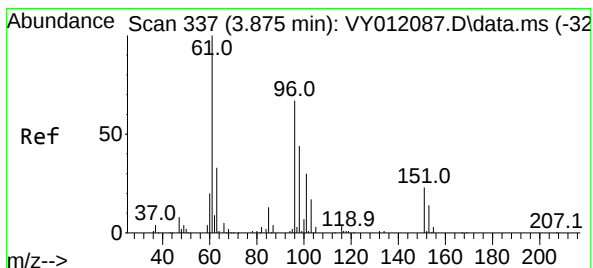
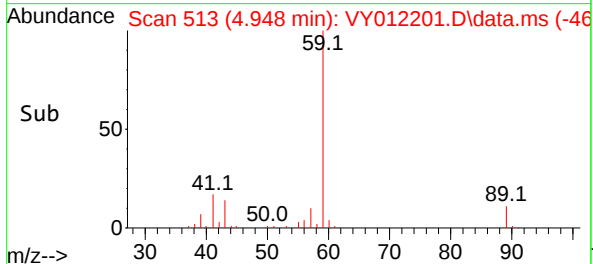
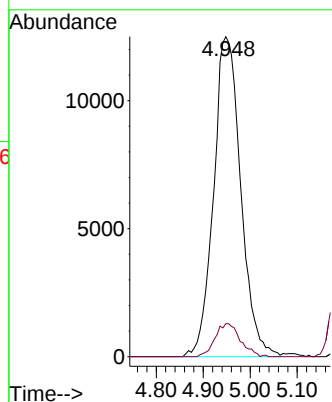
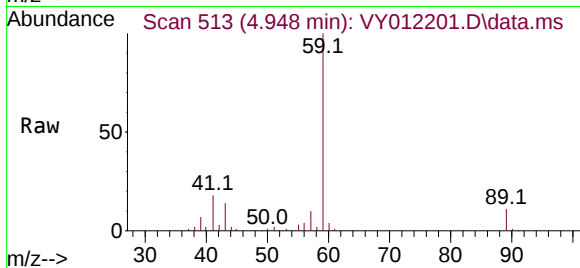




#11
Tert butyl alcohol
Concen: 235.151 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

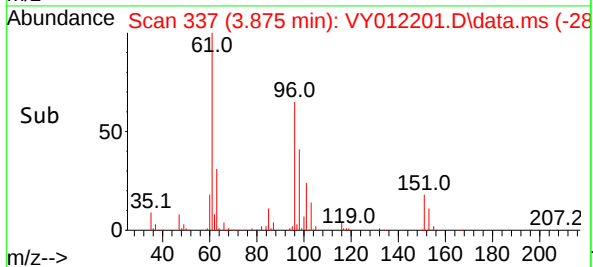
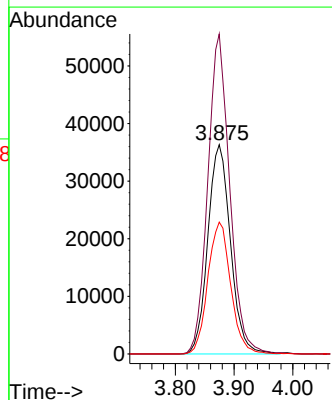
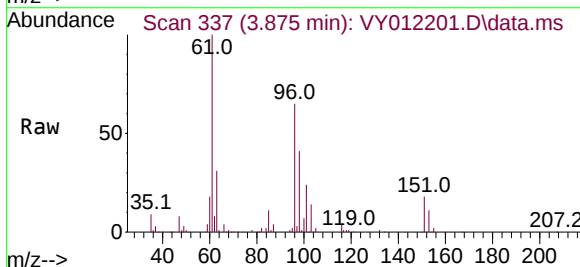
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

Tgt Ion: 59 Resp: 50188
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 49.041 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 96 Resp: 97427
Ion Ratio Lower Upper
96 100
61 152.9 122.0 183.0
98 63.0 48.6 73.0

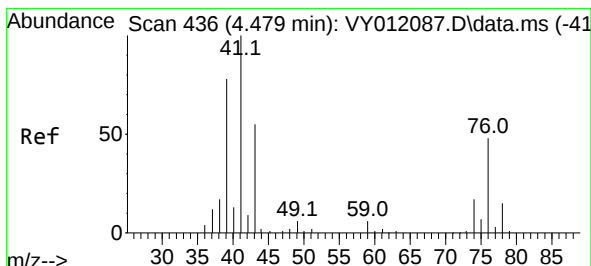
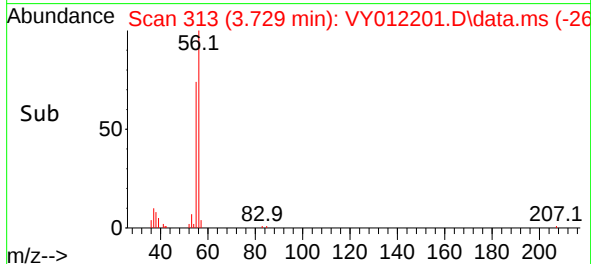
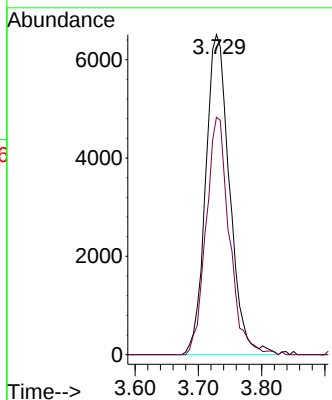
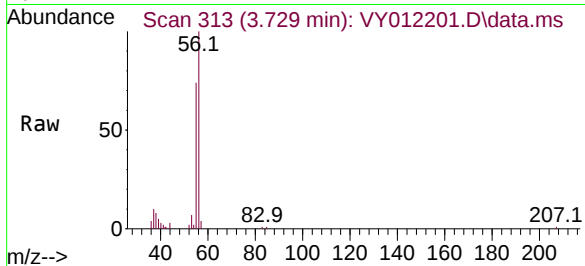




#13
Acrolein
Concen: 210.432 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

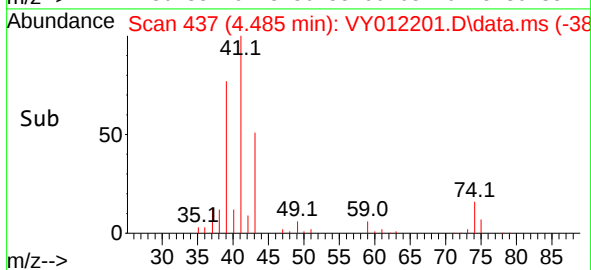
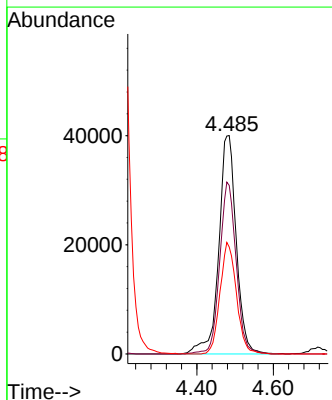
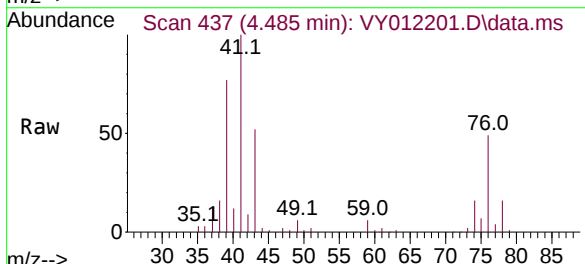
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

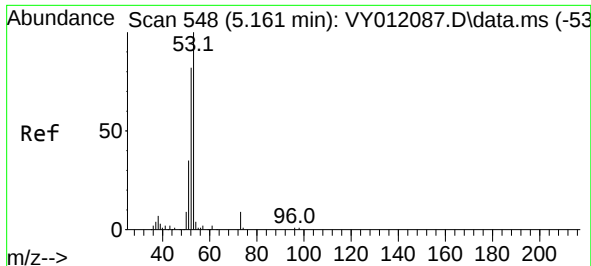
Tgt Ion: 56 Resp: 17145
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0



#14
Allyl chloride
Concen: 51.802 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 41 Resp: 127247
Ion Ratio Lower Upper
41 100
39 74.0 53.5 80.3
76 47.7 31.1 46.7#

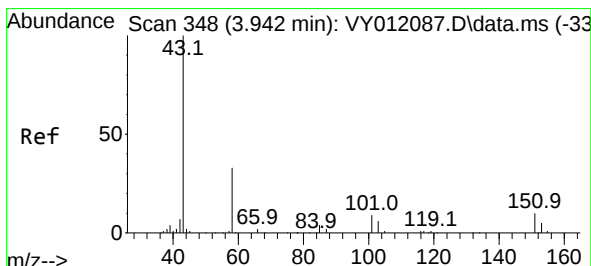
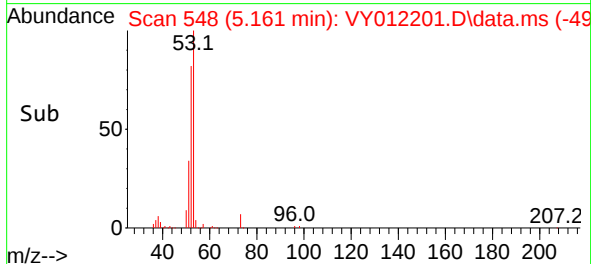
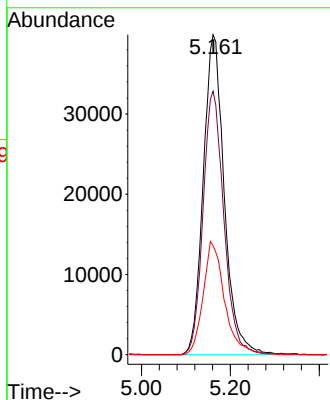
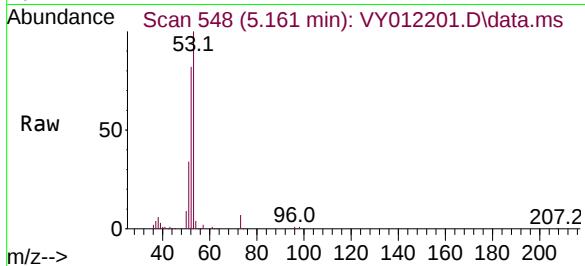




#15
Acrylonitrile
Concen: 253.831 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

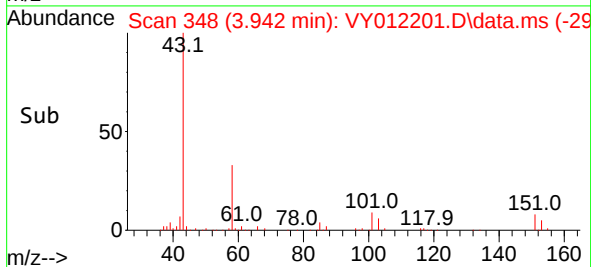
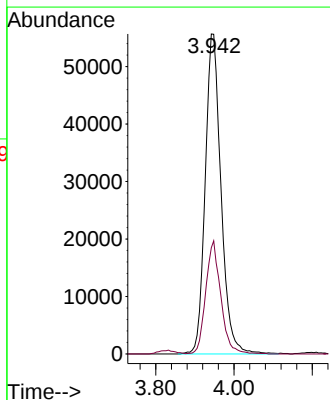
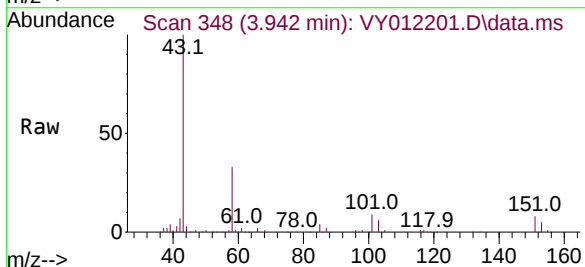
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

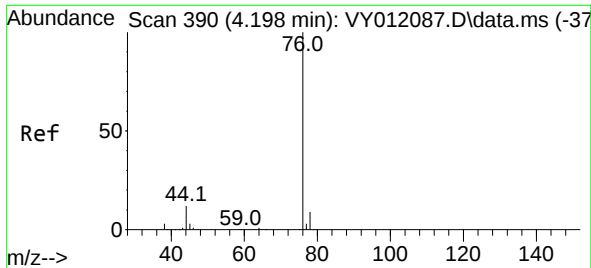
Tgt Ion: 53 Resp: 131152
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.0 28.7 43.1



#16
Acetone
Concen: 258.836 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 43 Resp: 155900
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9

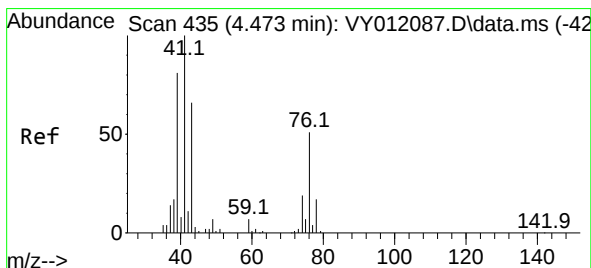
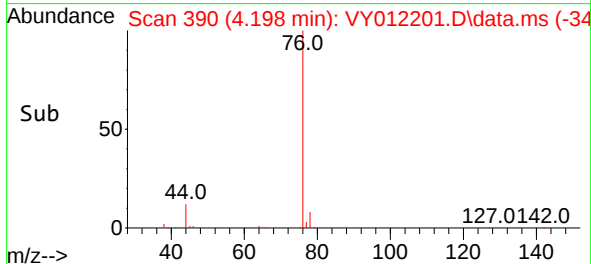
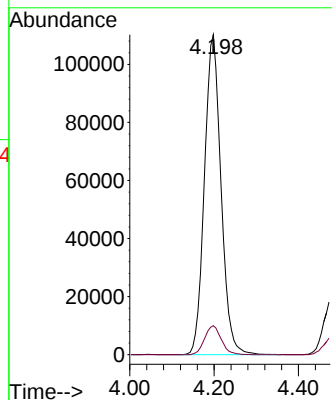
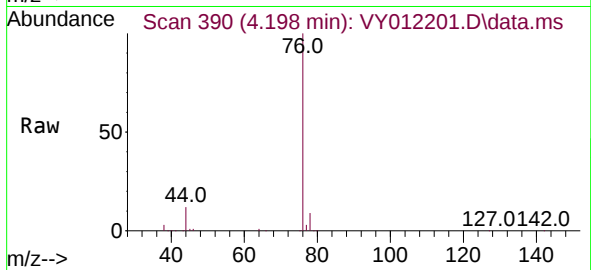




#17
Carbon Disulfide
Concen: 49.073 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

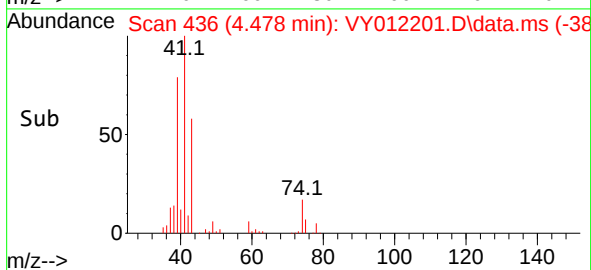
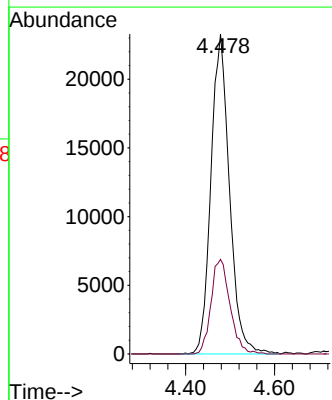
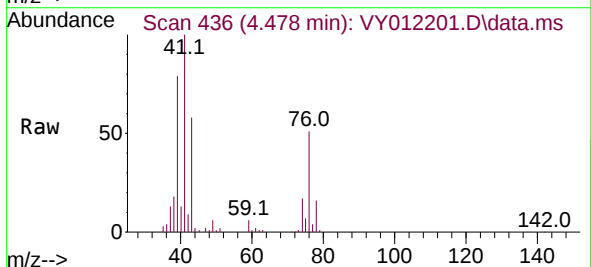
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

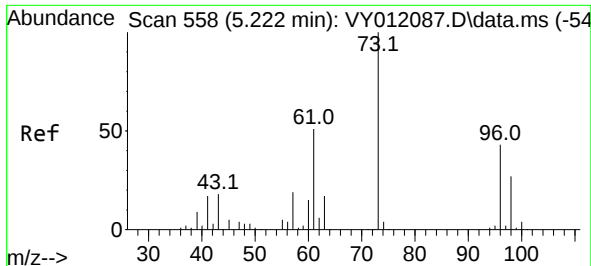
Tgt Ion: 76 Resp: 301549
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.051 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 43 Resp: 67457
Ion Ratio Lower Upper
43 100
74 30.3 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 49.120 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

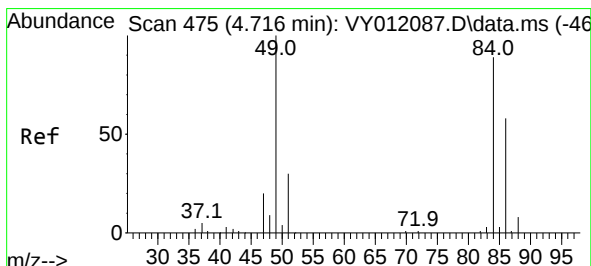
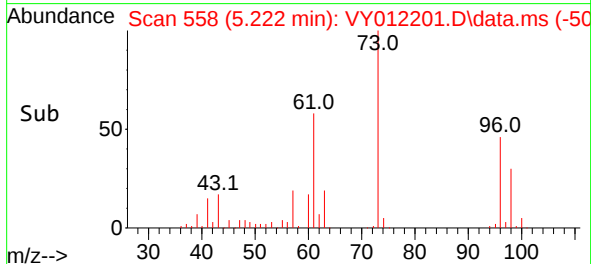
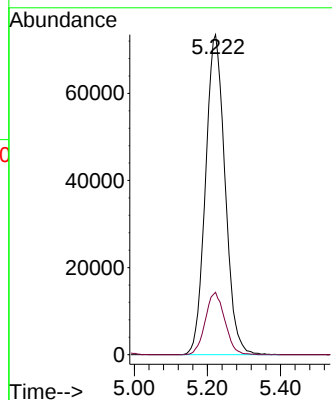
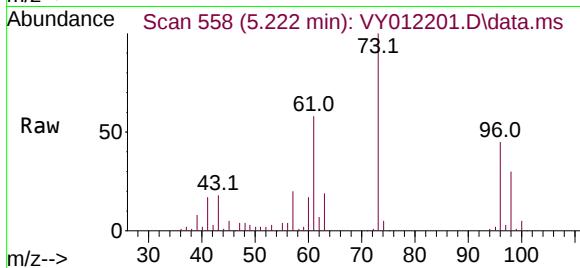
ICVVY011623

Tgt Ion: 73 Resp: 272026

Ion Ratio Lower Upper

73 100

57 19.5 17.4 26.0



#20

Methylene Chloride

Concen: 50.066 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Tgt Ion: 84 Resp: 126255

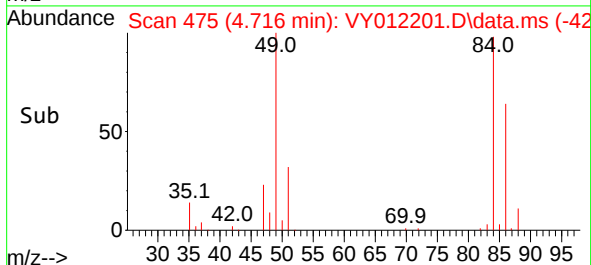
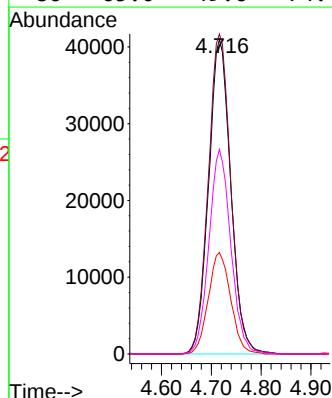
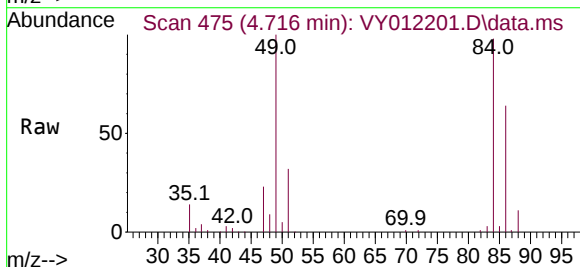
Ion Ratio Lower Upper

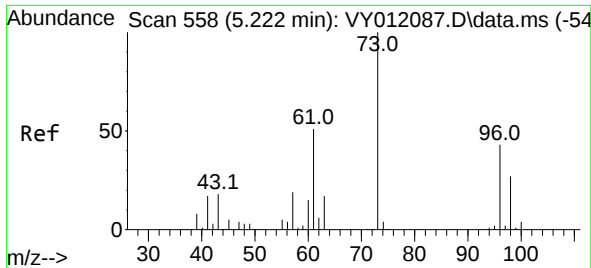
84 100

49 101.7 95.4 143.2

51 32.2 29.9 44.9

86 65.0 49.6 74.4

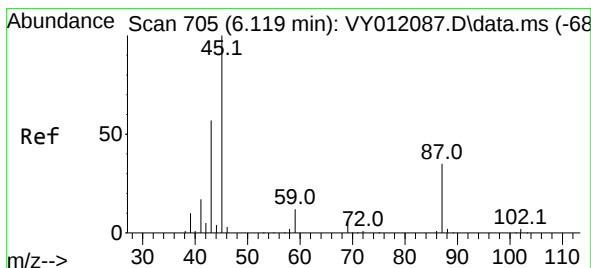
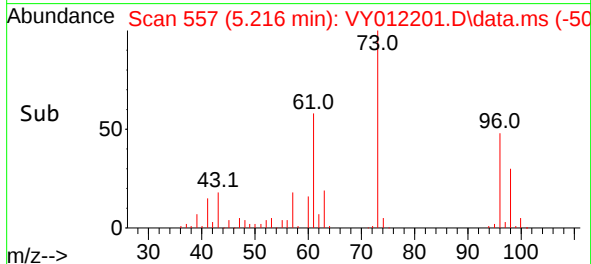
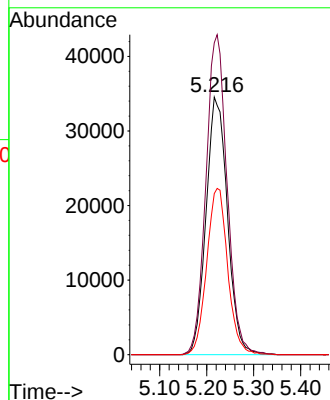
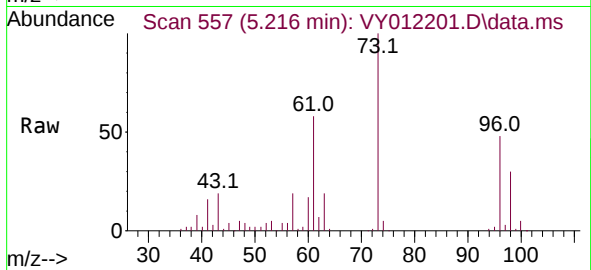




#21
trans-1,2-Dichloroethene
Concen: 49.322 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

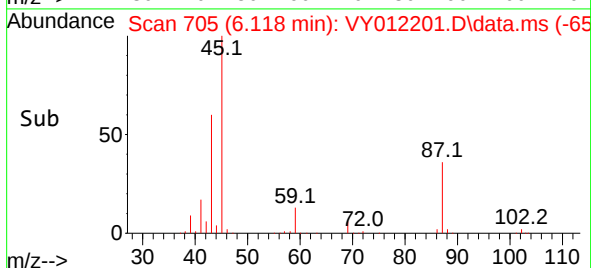
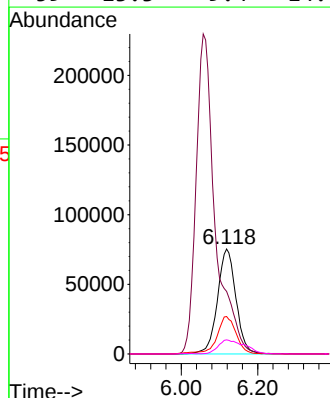
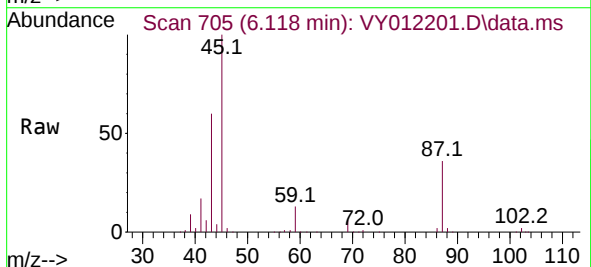
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

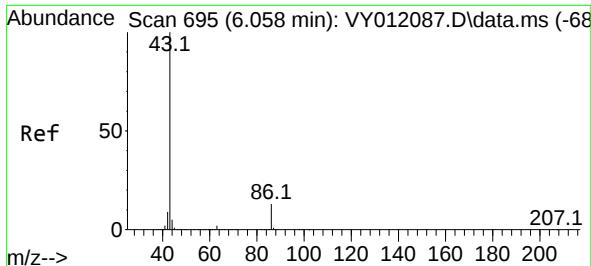
Tgt Ion: 96 Resp: 109342
Ion Ratio Lower Upper
96 100
61 121.0 108.0 162.0
98 62.5 51.6 77.4



#22
Diisopropyl ether
Concen: 51.649 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 45 Resp: 252934
Ion Ratio Lower Upper
45 100
43 59.1 45.0 67.4
87 35.6 22.6 33.8#
59 13.3 9.4 14.0

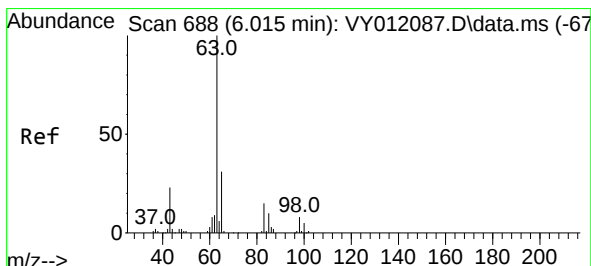
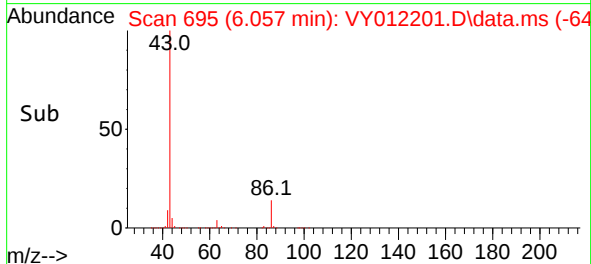
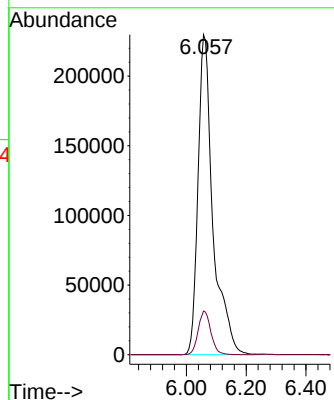
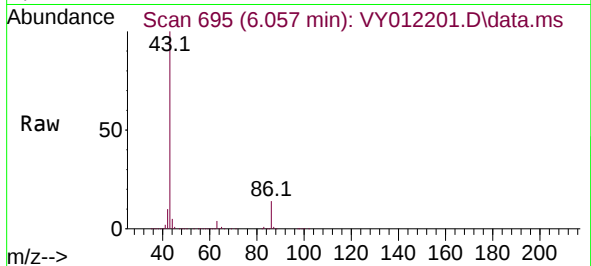




#23
 Vinyl Acetate
 Concen: 261.229 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012201.D
 Acq: 16 Jan 2023 15:21

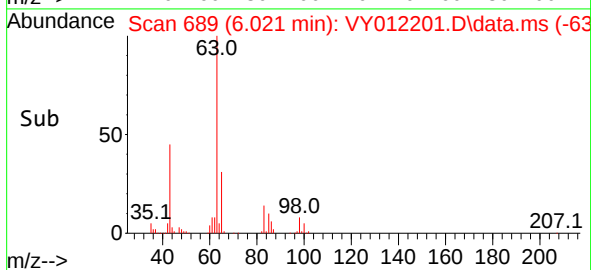
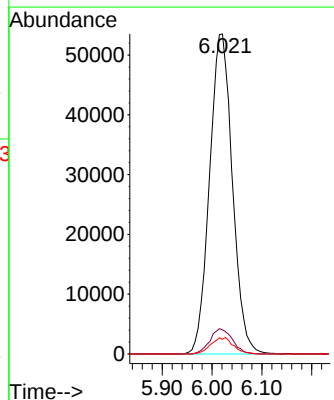
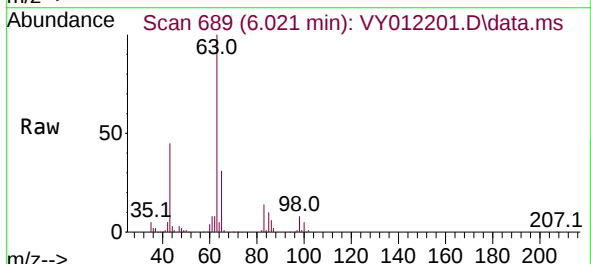
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011623

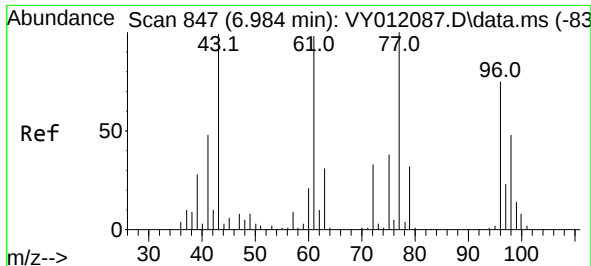
Tgt Ion: 43 Resp: 797164
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 50.139 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012201.D
 Acq: 16 Jan 2023 15:21

Tgt Ion: 63 Resp: 170311
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.6 2.2 6.6

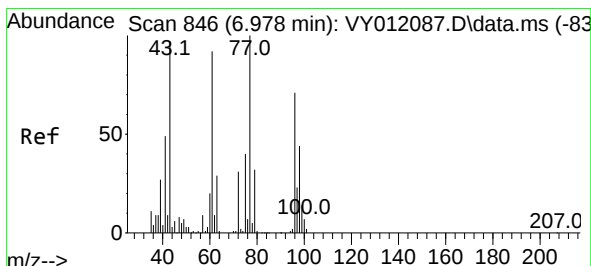
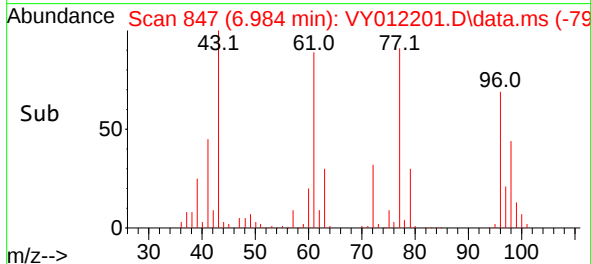
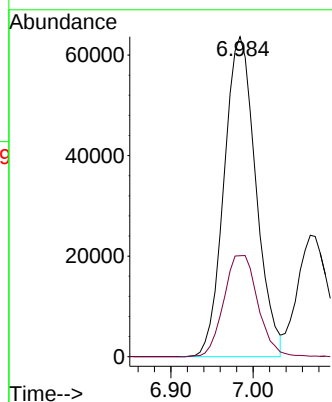
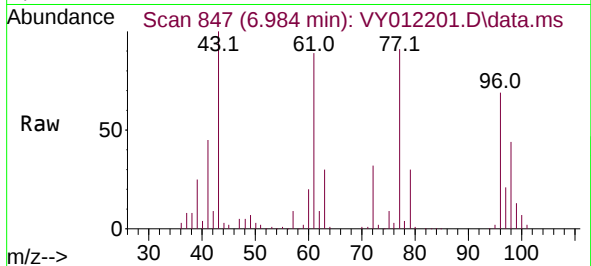




#25
2-Butanone
Concen: 257.755 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

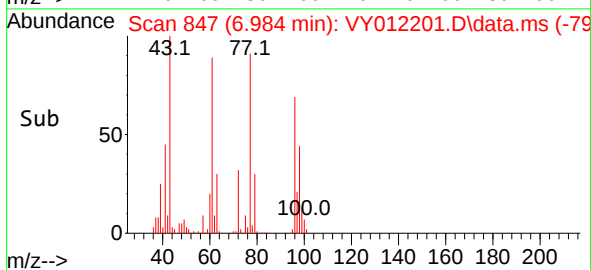
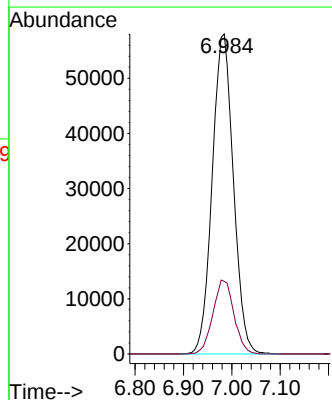
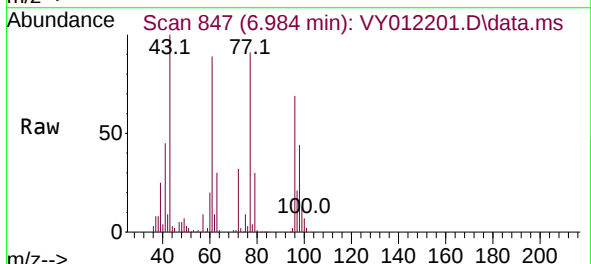
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

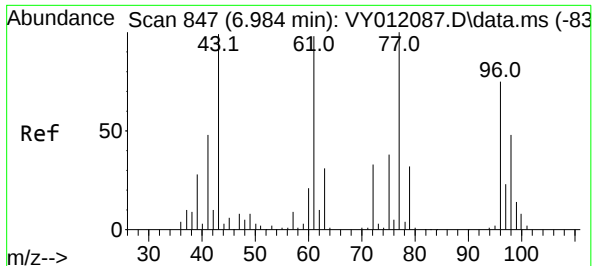
Tgt Ion: 43 Resp: 171393
Ion Ratio Lower Upper
43 100
72 31.5 22.6 34.0



#26
2,2-Dichloropropane
Concen: 47.870 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 77 Resp: 176514
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.756 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

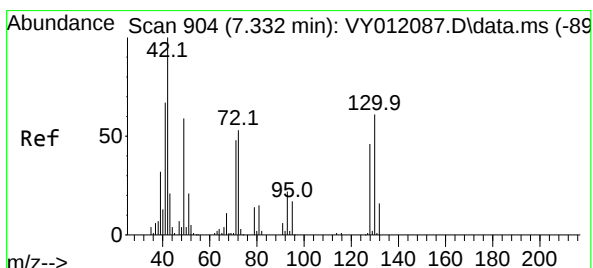
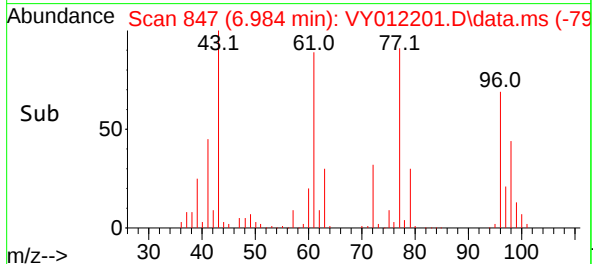
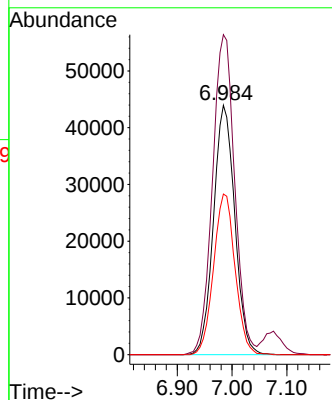
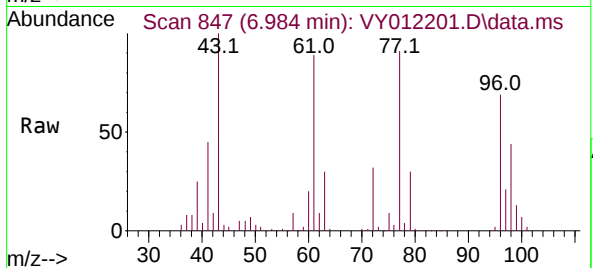
Tgt Ion: 96 Resp: 118726

Ion Ratio Lower Upper

96 100

61 133.8 0.0 283.4

98 65.0 0.0 127.6



#28

Bromochloromethane

Concen: 47.732 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

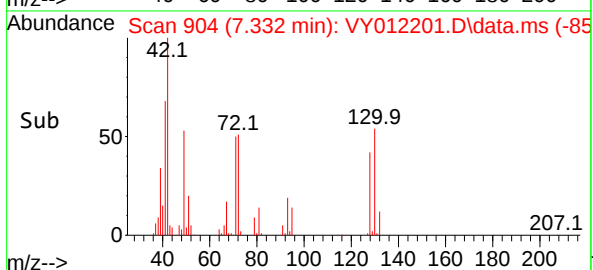
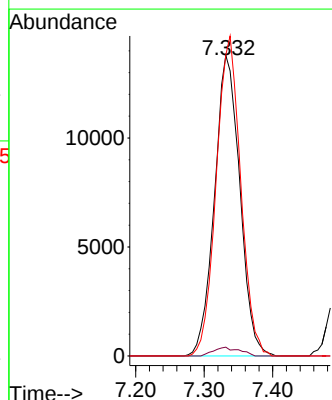
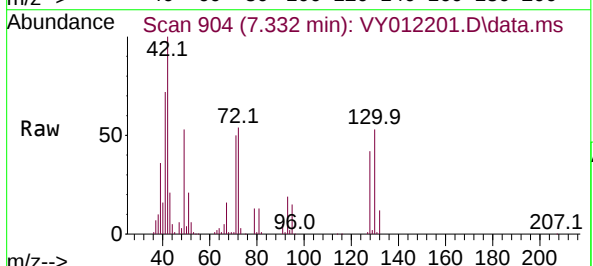
Tgt Ion: 49 Resp: 35409

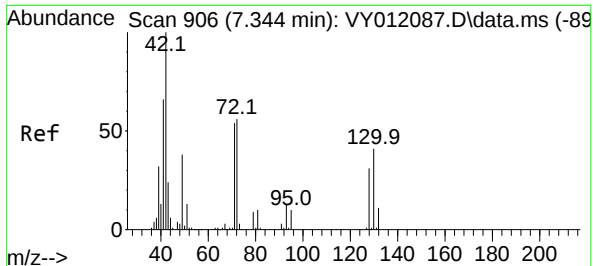
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 102.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 262.673 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

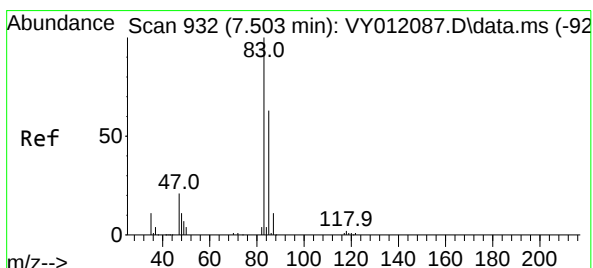
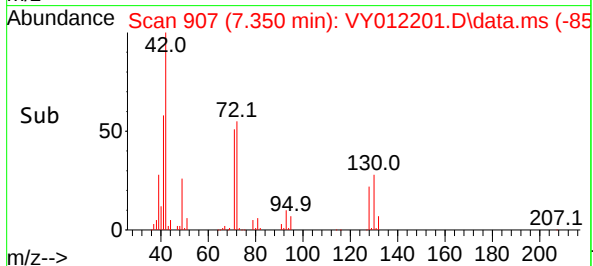
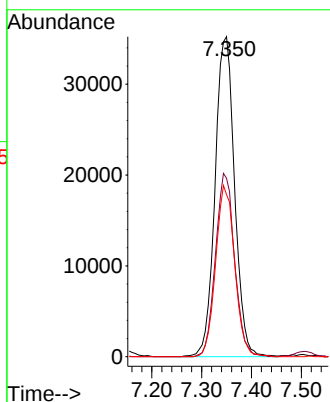
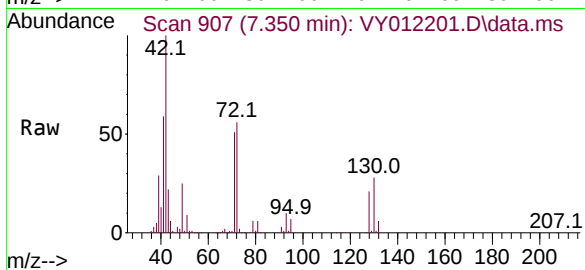
Tgt Ion: 42 Resp: 95941

Ion Ratio Lower Upper

42 100

72 56.0 37.0 55.6#

71 52.1 34.9 52.3



#30

Chloroform

Concen: 48.085 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY012201.D

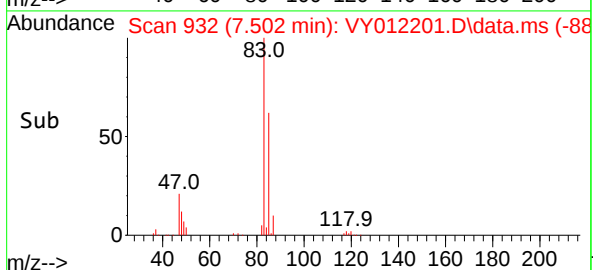
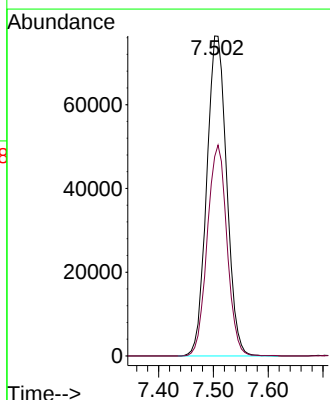
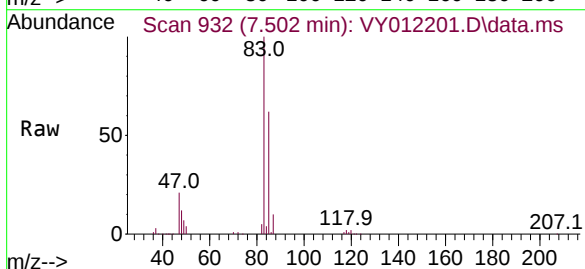
Acq: 16 Jan 2023 15:21

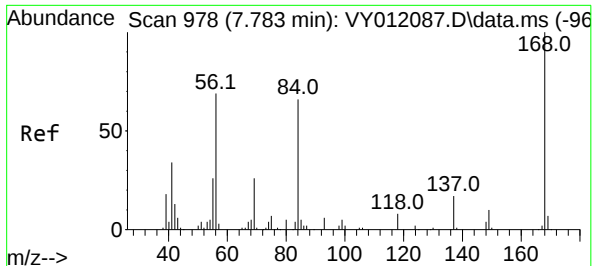
Tgt Ion: 83 Resp: 192807

Ion Ratio Lower Upper

83 100

85 62.3 51.5 77.3

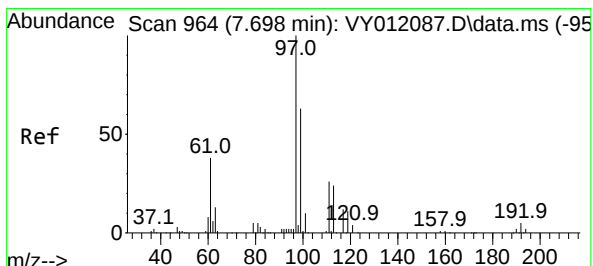
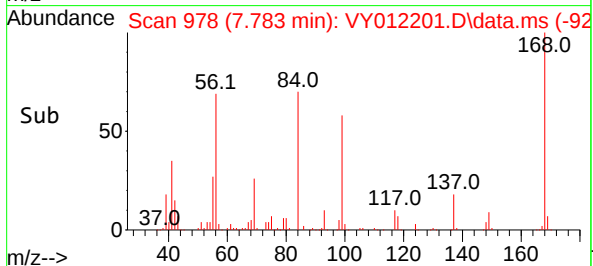
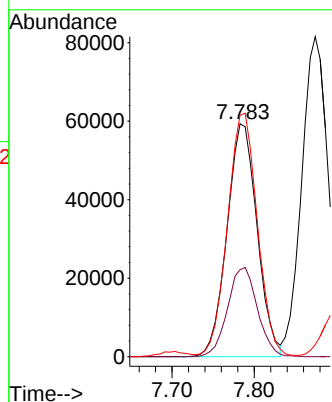
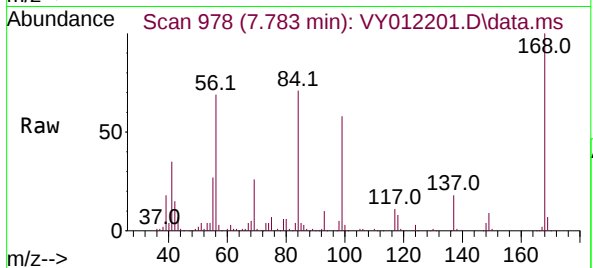




#31
Cyclohexane
Concen: 47.876 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

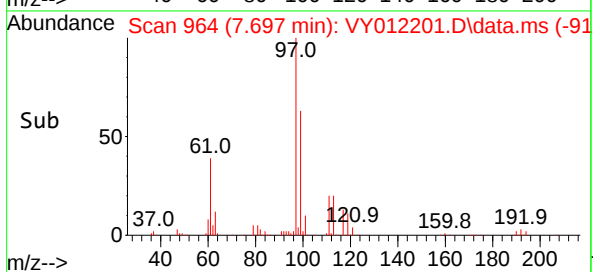
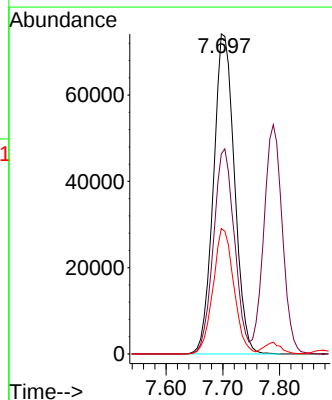
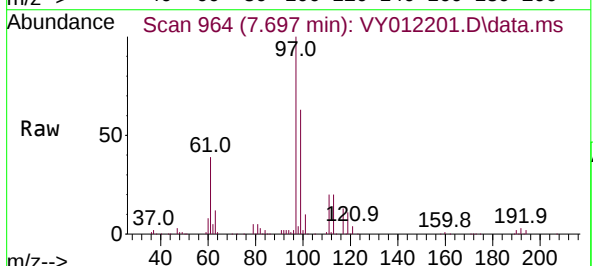
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

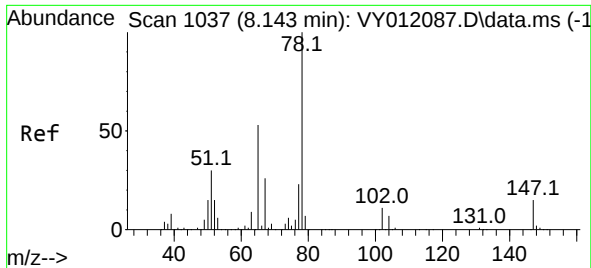
Tgt Ion: 56 Resp: 150989
Ion Ratio Lower Upper
56 100
69 37.3 29.2 43.8
84 102.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 48.157 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 97 Resp: 191163
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 38.6 33.0 49.4

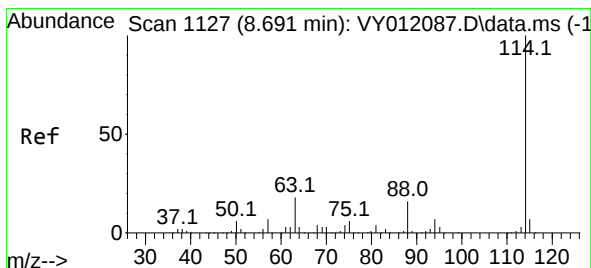
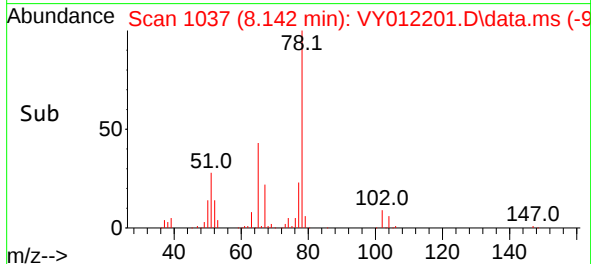
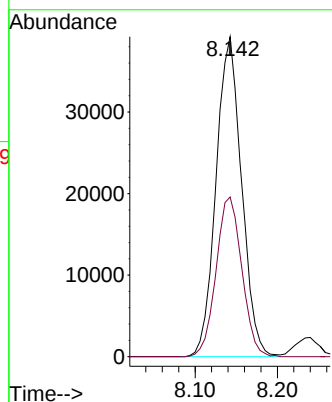
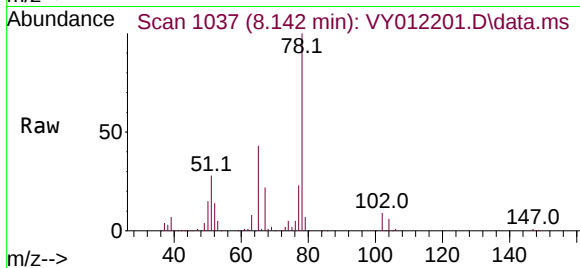




#33
 1,2-Dichloroethane-d4
 Concen: 46.978 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012201.D
 Acq: 16 Jan 2023 15:21

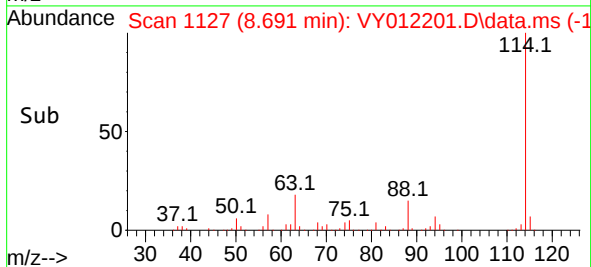
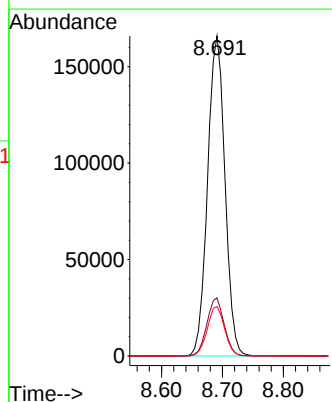
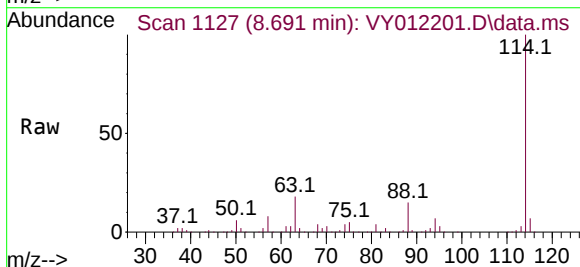
Instrument : MSVOA_Y
 ClientSampleId : ICVVY011623

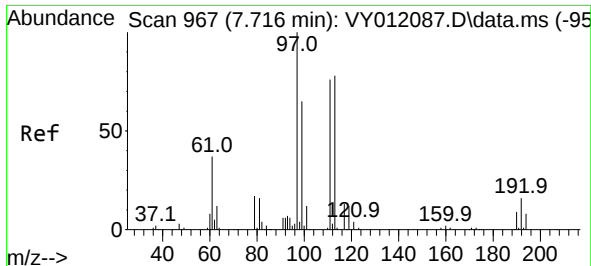
Tgt Ion: 65 Resp: 84654
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012201.D
 Acq: 16 Jan 2023 15:21

Tgt Ion: 114 Resp: 328603
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 15.4 0.0 32.2

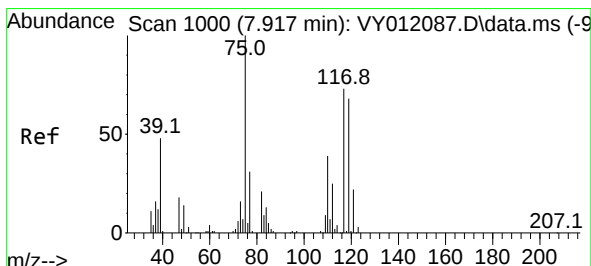
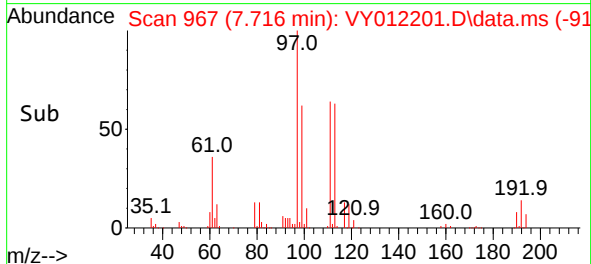
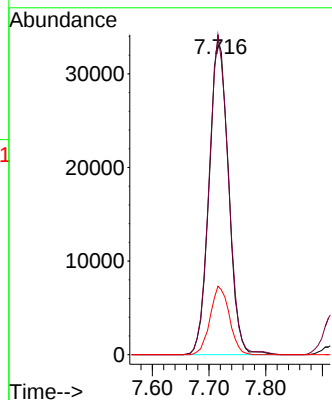
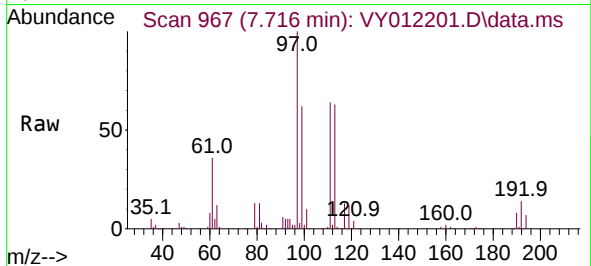




#35
Dibromofluoromethane
Concen: 46.077 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

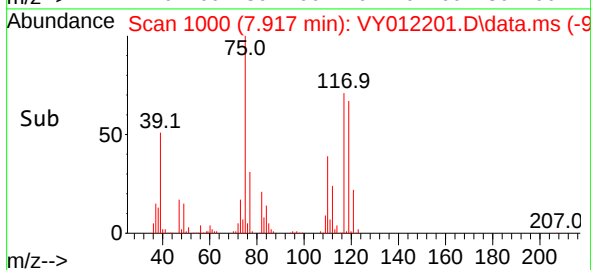
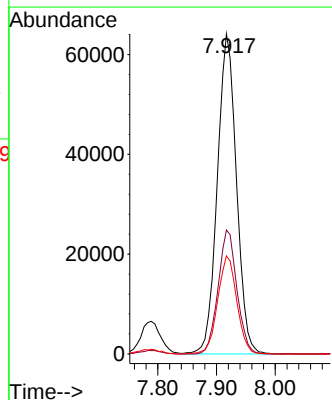
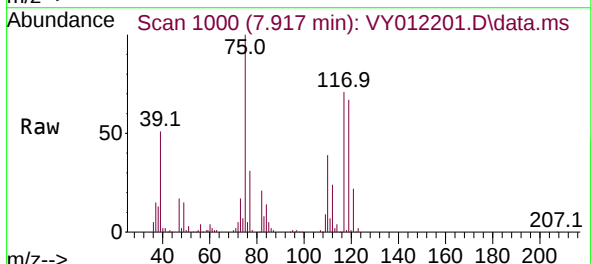
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

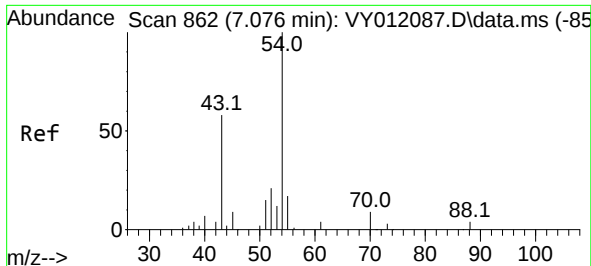
Tgt Ion:113 Resp: 80172
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 49.073 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 75 Resp: 145114
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.1
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 49.973 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

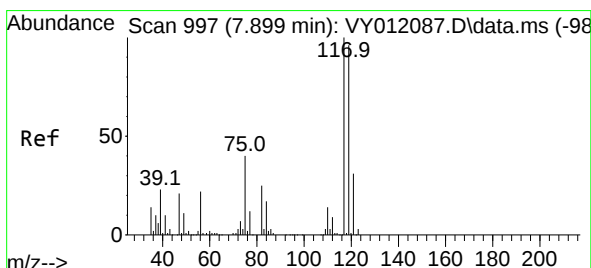
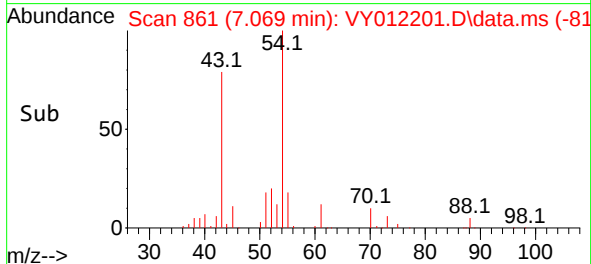
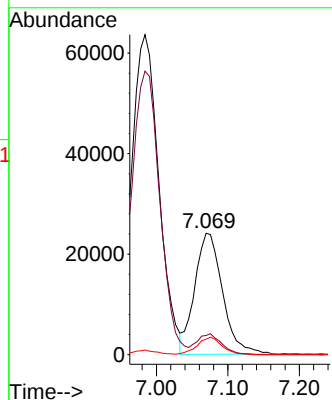
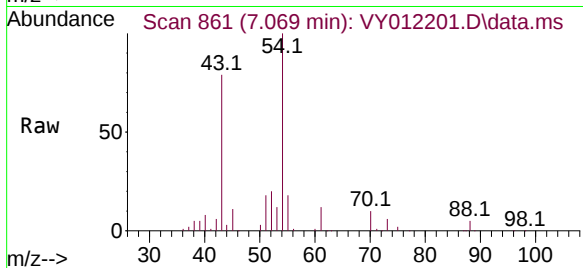
Tgt Ion: 43 Resp: 65145

Ion Ratio Lower Upper

43 100

61 15.4 11.3 16.9

70 12.8 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 47.298 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

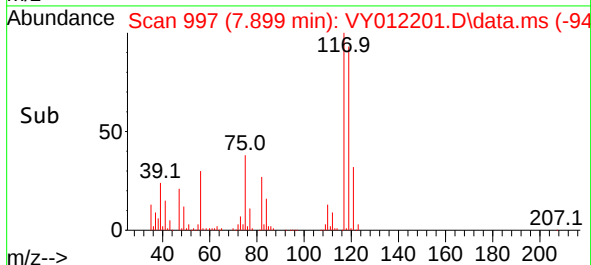
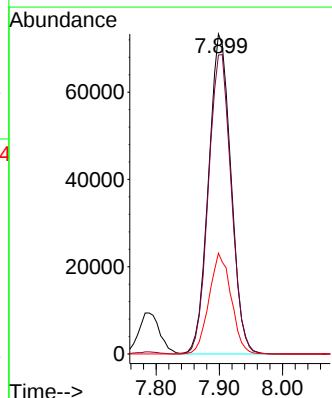
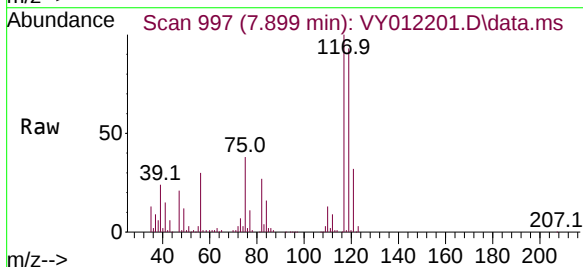
Tgt Ion: 117 Resp: 180637

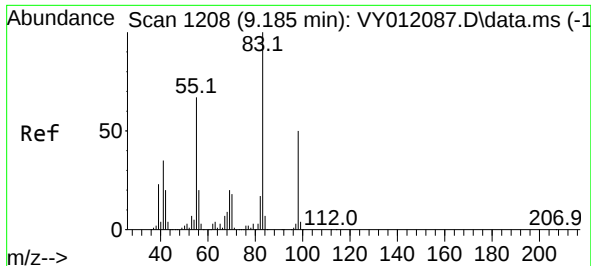
Ion Ratio Lower Upper

117 100

119 93.4 73.8 110.8

121 31.5 25.2 37.8





#39

Methylcyclohexane

Concen: 51.131 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

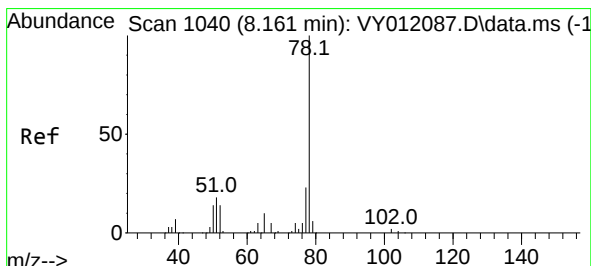
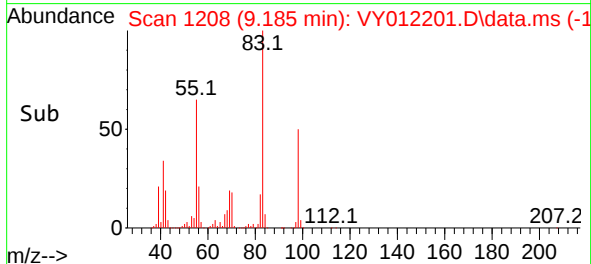
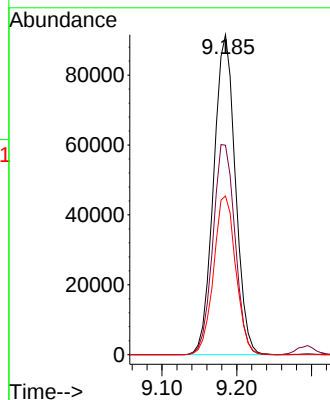
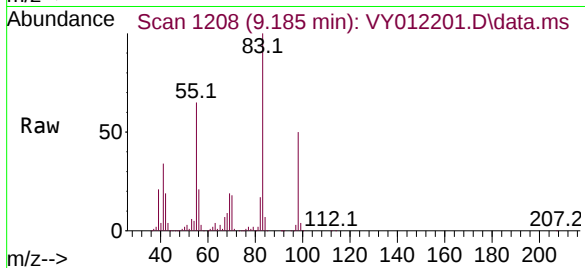
Tgt Ion: 83 Resp: 184773

Ion Ratio Lower Upper

83 100

55 65.5 58.2 87.2

98 49.6 38.6 58.0



#40

Benzene

Concen: 48.806 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012201.D

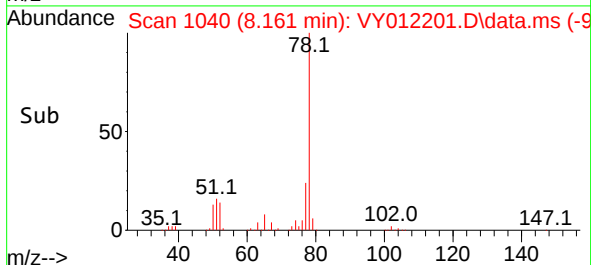
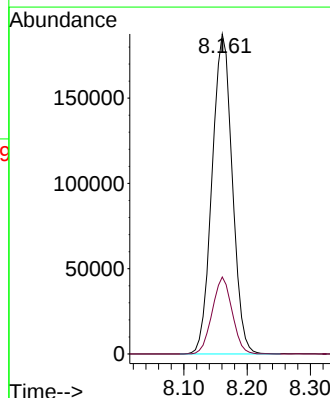
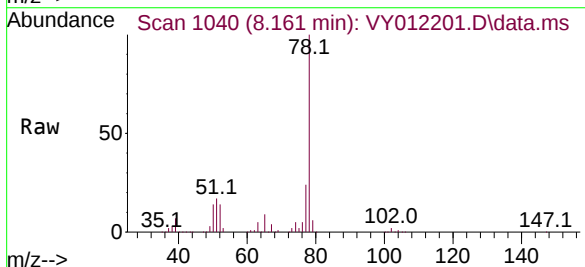
Acq: 16 Jan 2023 15:21

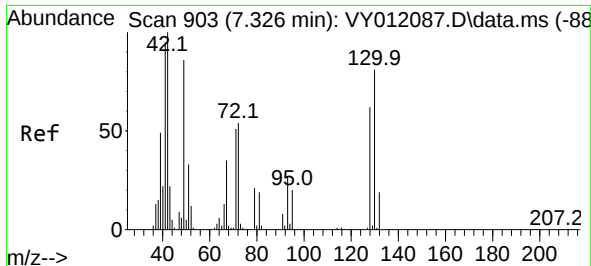
Tgt Ion: 78 Resp: 416552

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8

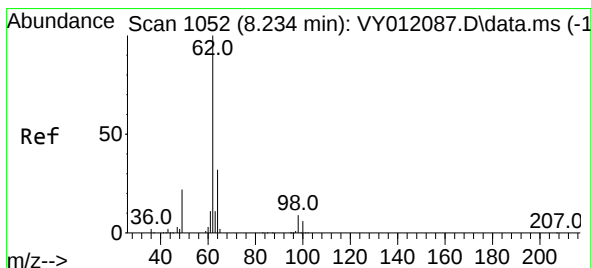
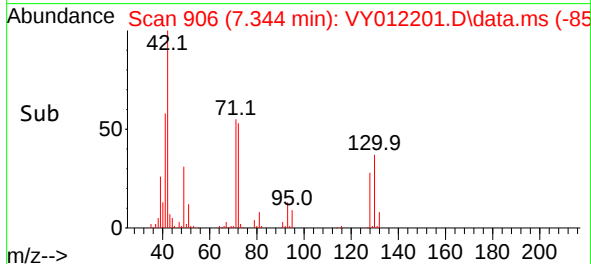
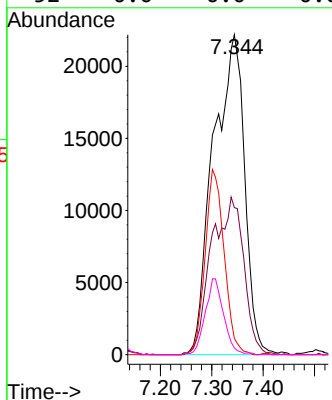
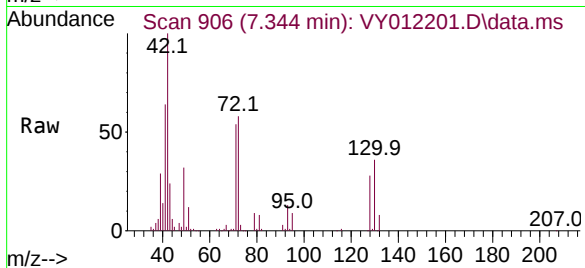




#41
Methacrylonitrile
Concen: 122.042 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

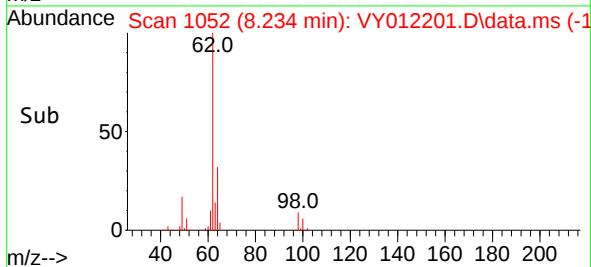
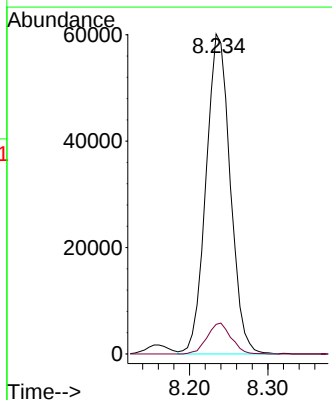
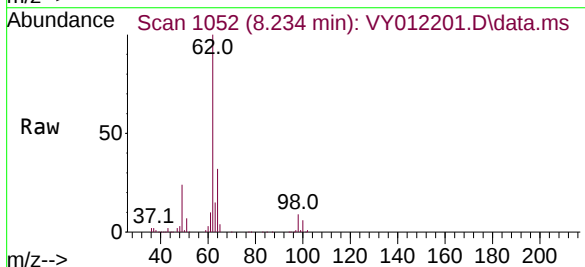
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

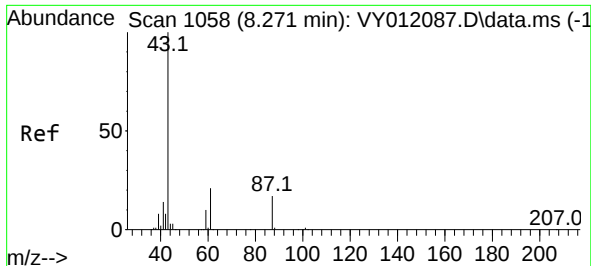
Tgt Ion:	41	Resp:	93515
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.498 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion:	62	Resp:	129058
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 51.866 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. -0.001 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

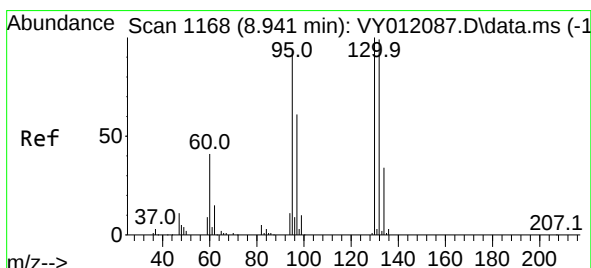
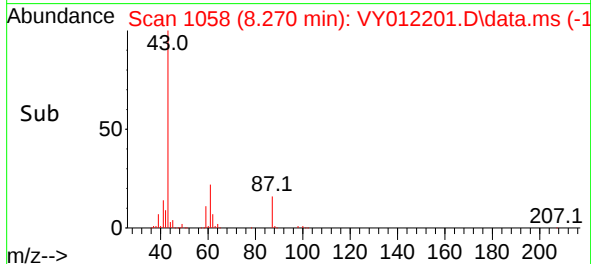
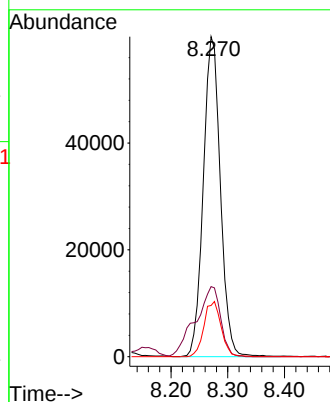
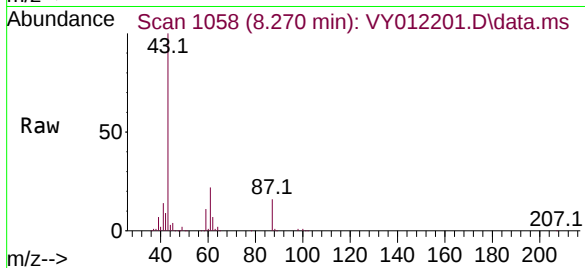
Tgt Ion: 43 Resp: 125793

Ion Ratio Lower Upper

43 100

61 32.0 24.4 36.6

87 17.4 11.4 17.2#



#44

Trichloroethene

Concen: 48.572 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012201.D

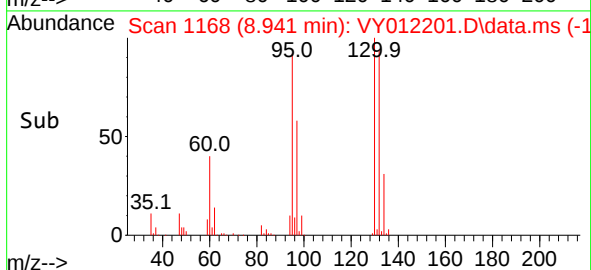
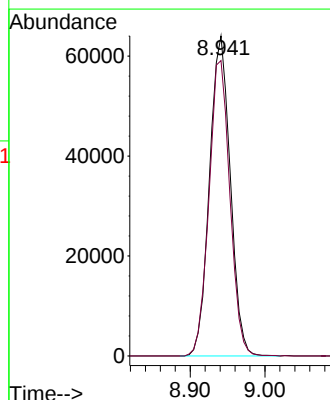
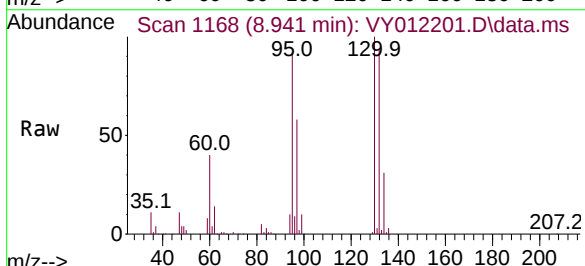
Acq: 16 Jan 2023 15:21

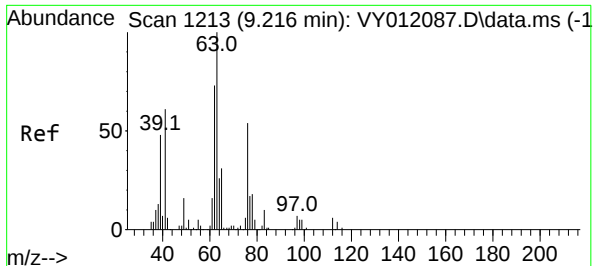
Tgt Ion:130 Resp: 123908

Ion Ratio Lower Upper

130 100

95 92.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.643 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

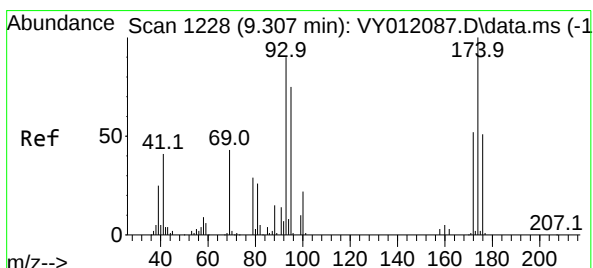
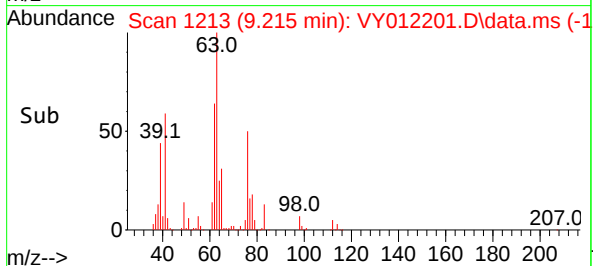
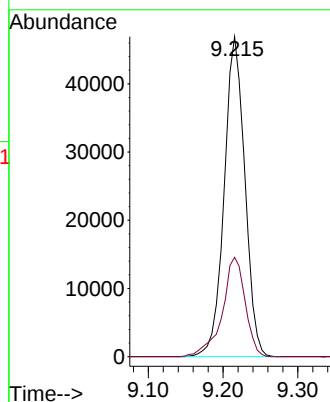
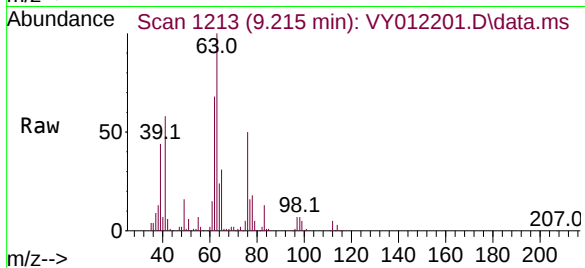
ICVVY011623

Tgt Ion: 63 Resp: 90190

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 49.029 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

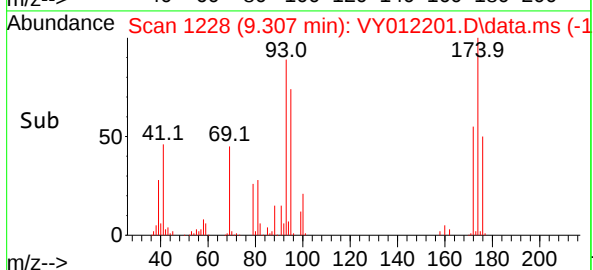
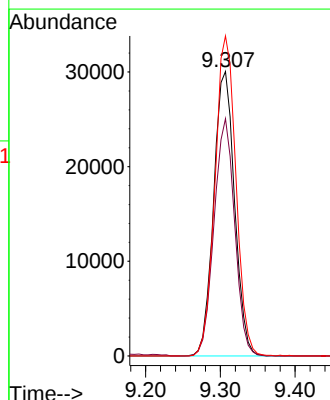
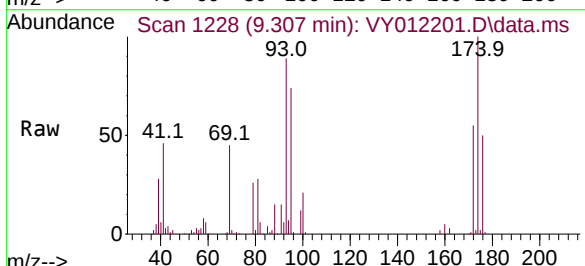
Tgt Ion: 93 Resp: 58454

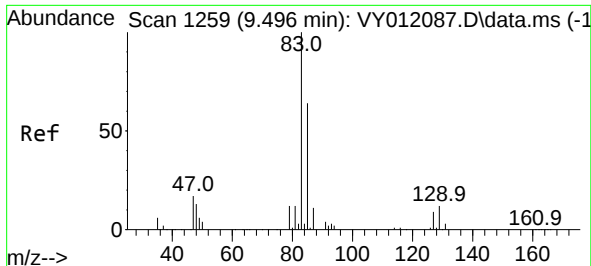
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

174 112.7 84.7 127.1

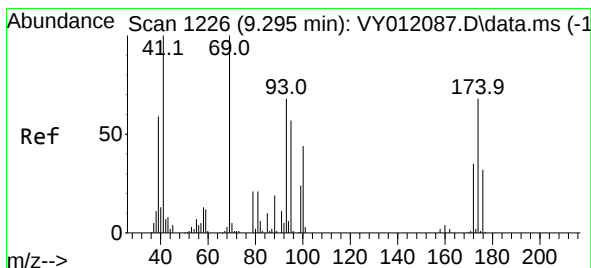
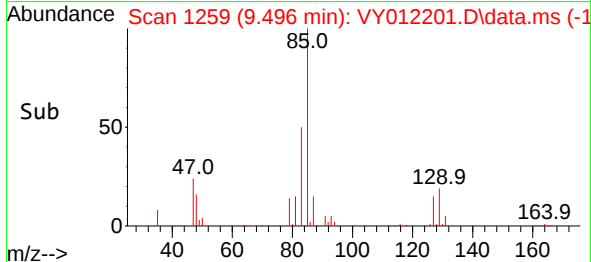
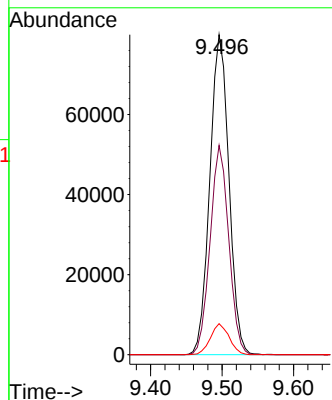
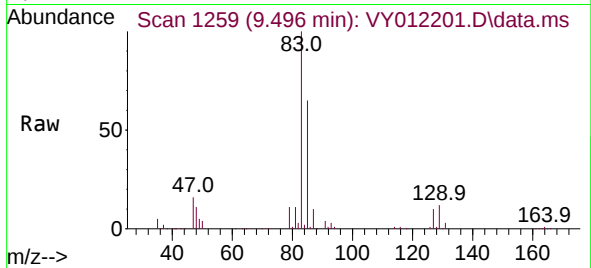




#47
Bromodichloromethane
Concen: 49.362 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

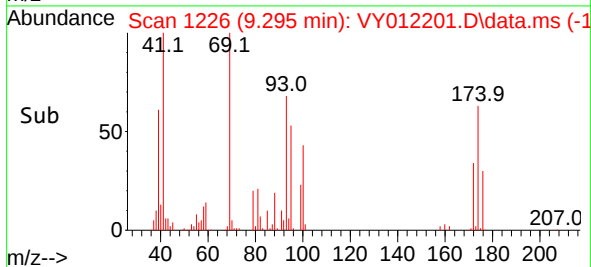
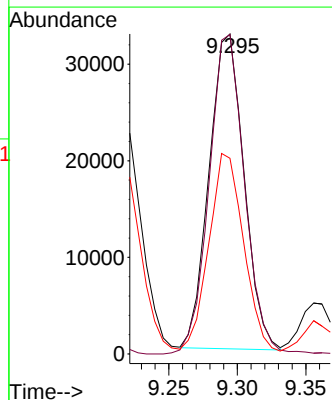
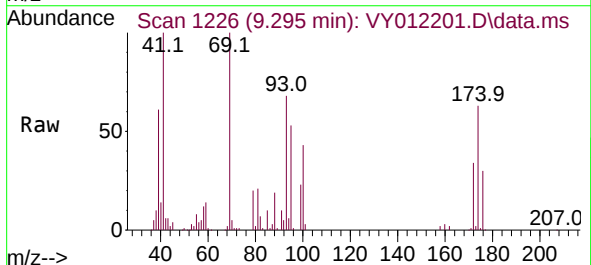
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

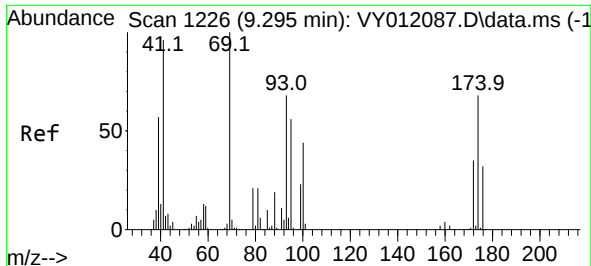
Tgt Ion: 83 Resp: 148143
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0
127 9.7 7.3 10.9



#48
Methyl methacrylate
Concen: 51.670 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 41 Resp: 57741
Ion Ratio Lower Upper
41 100
69 102.9 74.2 111.2
39 62.2 46.3 69.5

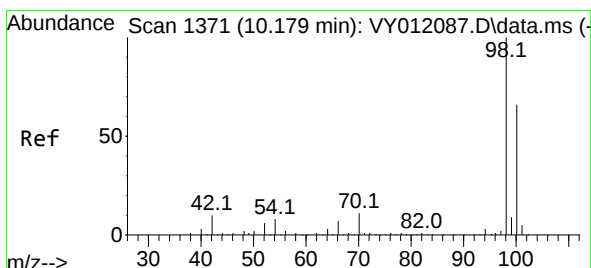
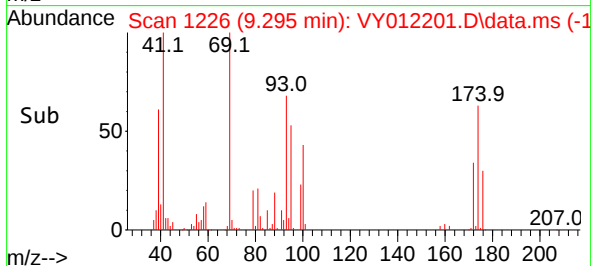
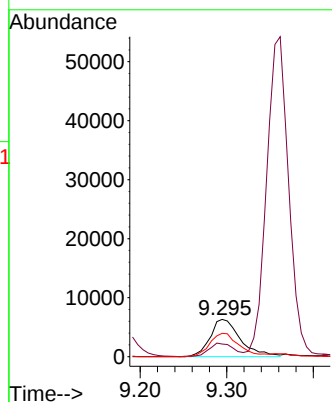
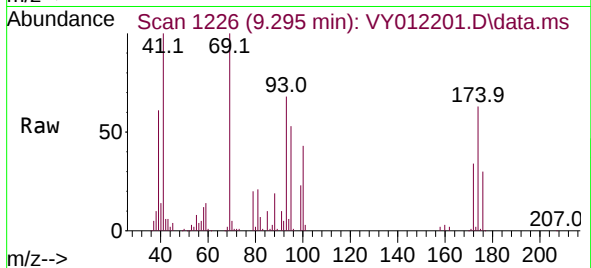




#49
1,4-Dioxane
Concen: 945.728 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

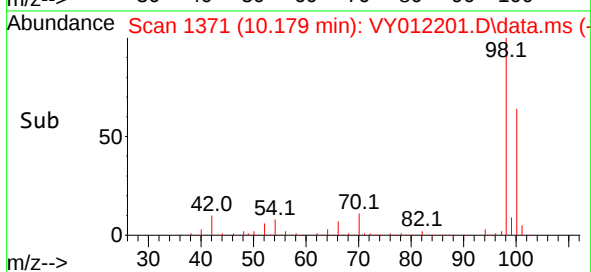
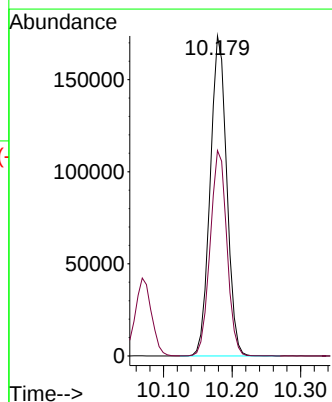
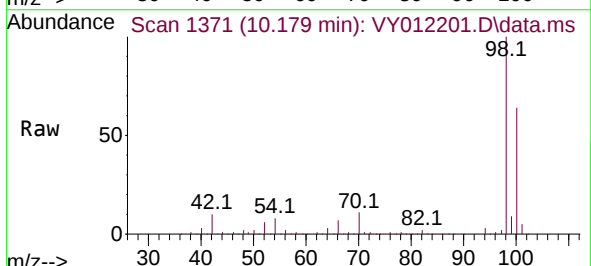
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

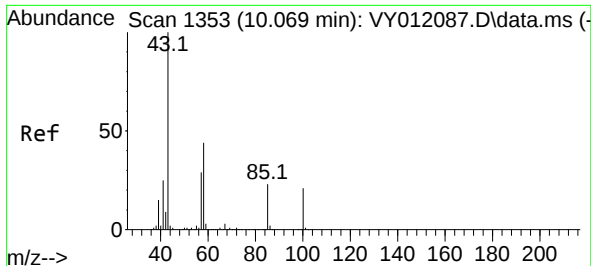
Tgt Ion: 88 Resp: 15364
Ion Ratio Lower Upper
88 100
43 30.2 26.2 39.2
58 61.4 54.3 81.5



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 98 Resp: 291922
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

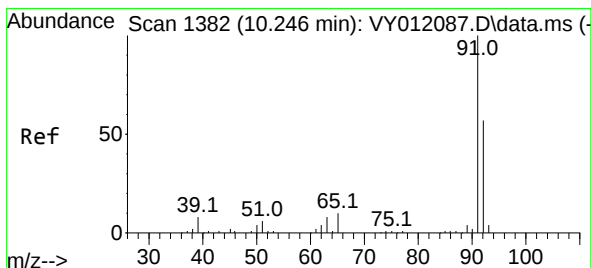
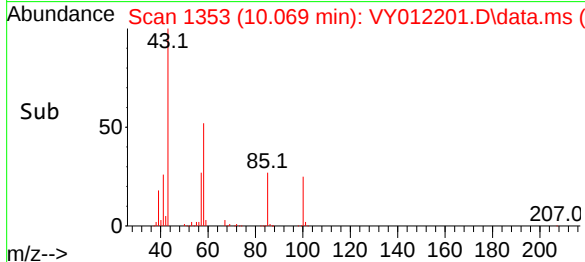
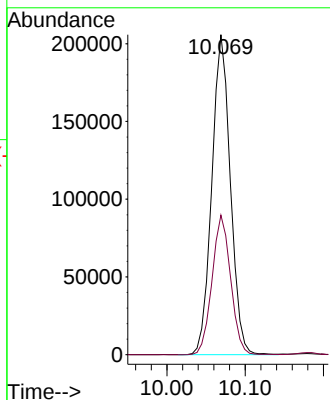
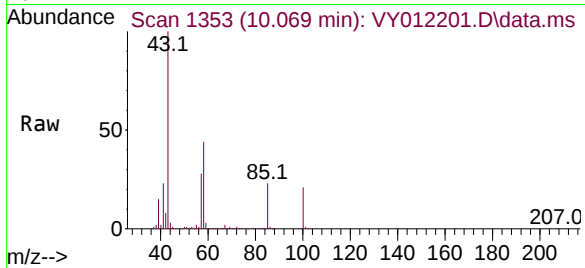




#51
4-Methyl-2-Pentanone
Concen: 261.813 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

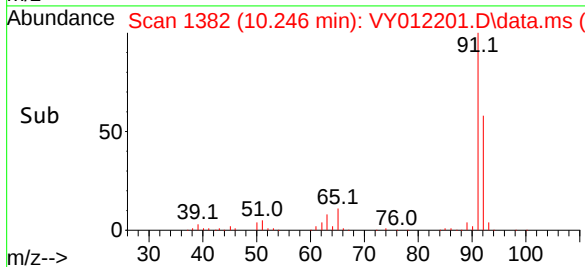
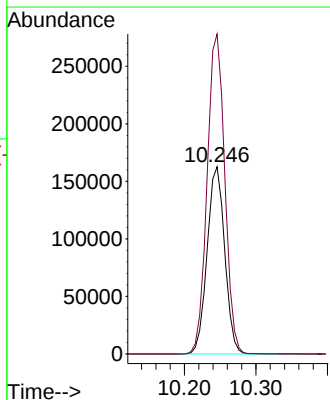
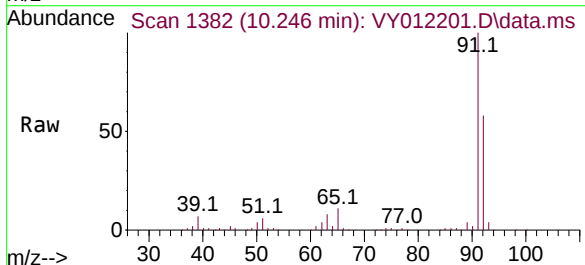
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

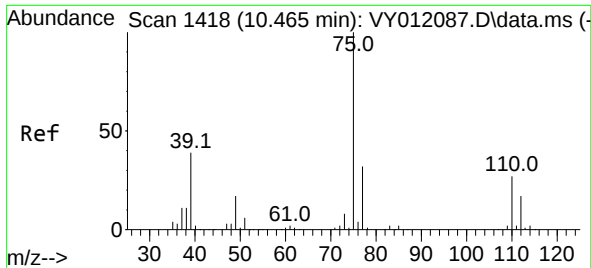
Tgt Ion: 43 Resp: 338592
Ion Ratio Lower Upper
43 100
58 43.6 32.9 49.3



#52
Toluene
Concen: 48.787 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 92 Resp: 277243
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

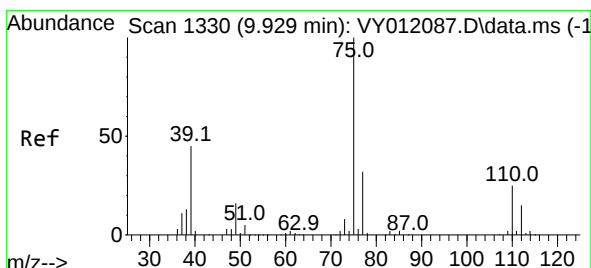
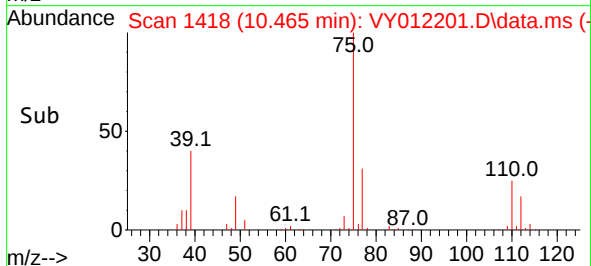
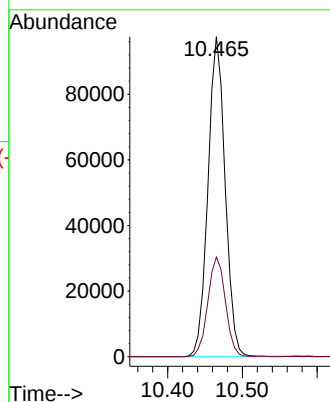
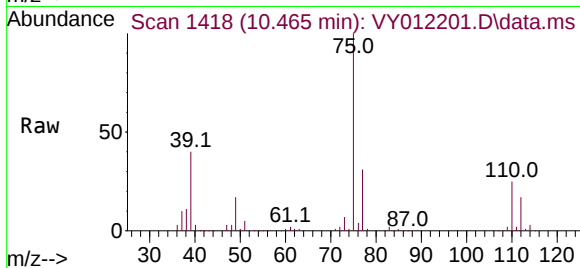




#53
t-1,3-Dichloropropene
Concen: 49.495 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

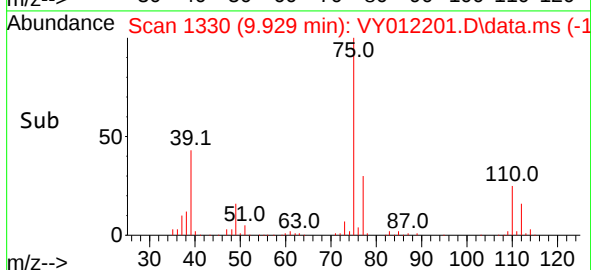
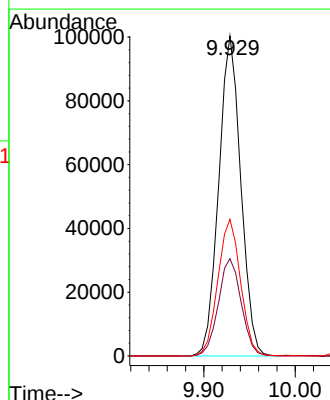
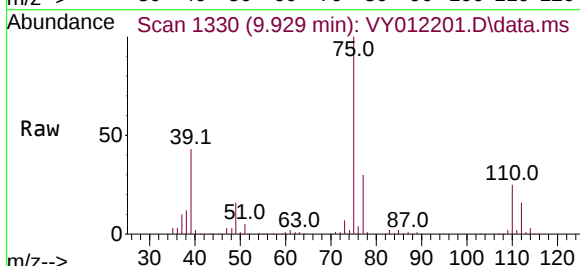
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

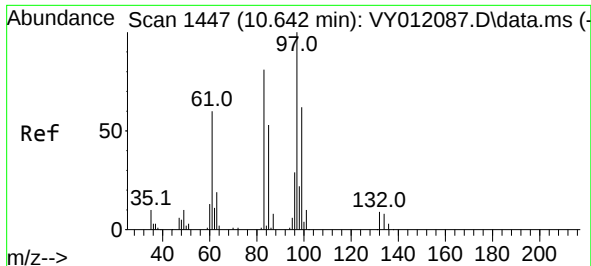
Tgt Ion: 75 Resp: 155374
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.773 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 75 Resp: 168268
Ion Ratio Lower Upper
75 100
77 30.4 25.9 38.9
39 42.7 34.6 52.0

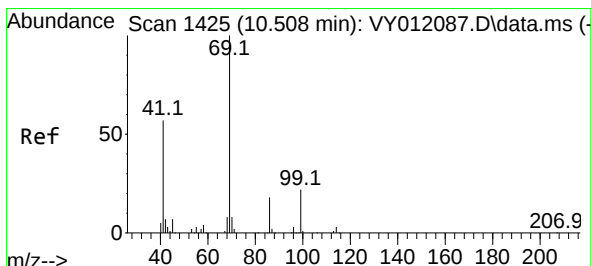
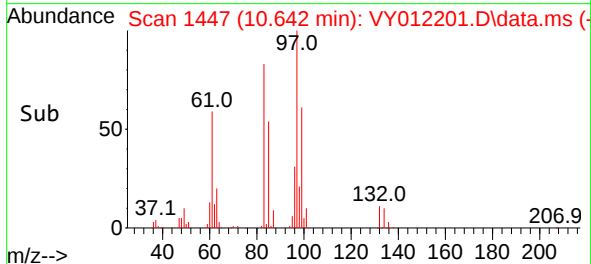
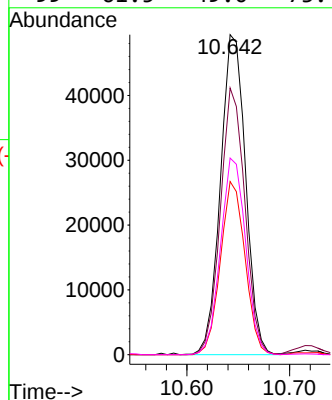
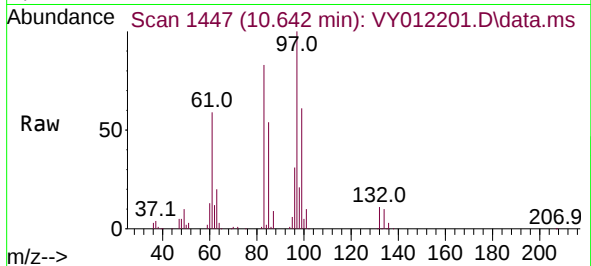




#55
1,1,2-Trichloroethane
Concen: 49.500 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

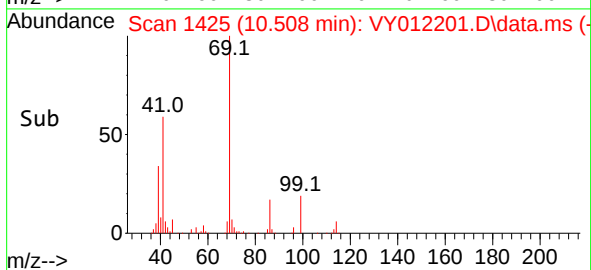
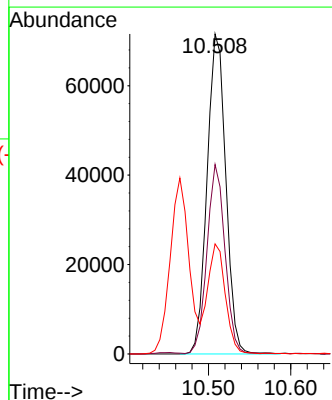
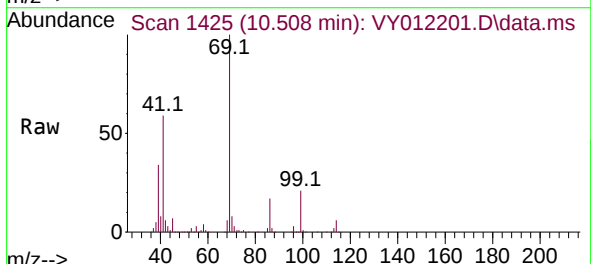
Instrument :
MSVOA_Y
ClientSampleId :
ICVY011623

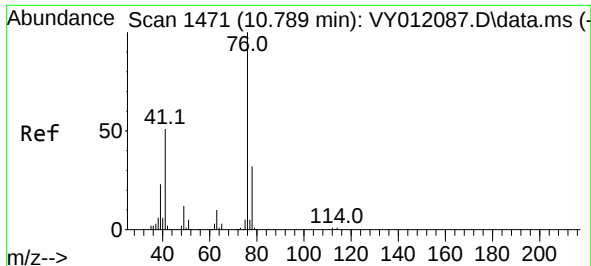
Tgt Ion: 97	Resp: 83848
Ion Ratio	Lower Upper
97 100	
83 83.3	67.7 101.5
85 54.1	43.8 65.8
99 61.5	49.0 73.4



#56
Ethyl methacrylate
Concen: 50.968 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 69	Resp: 113265
Ion Ratio	Lower Upper
69 100	
41 56.7	48.9 73.3
39 32.1	25.9 38.9





#57

1,3-Dichloropropane

Concen: 50.143 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

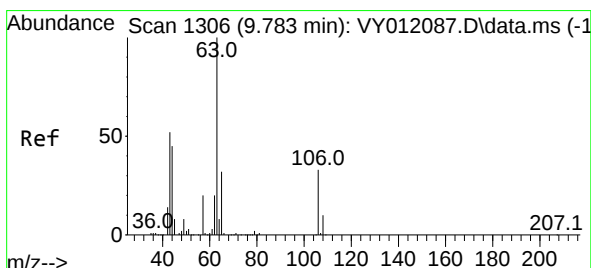
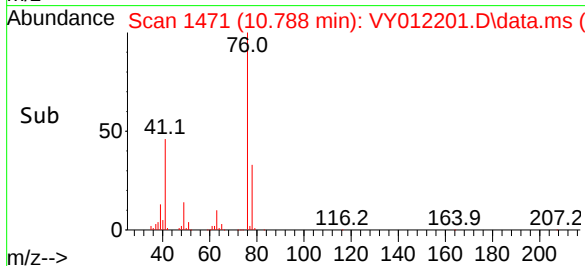
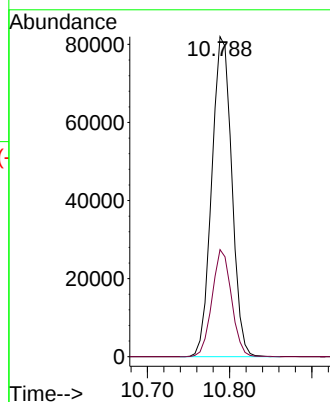
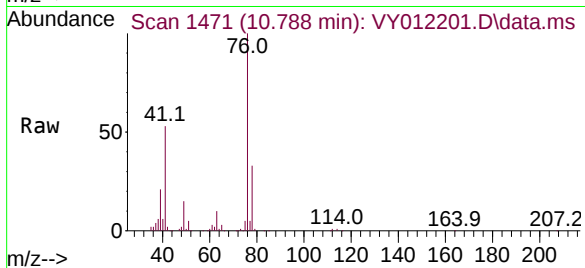
ICVVY011623

Tgt Ion: 76 Resp: 138713

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.884 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012201.D

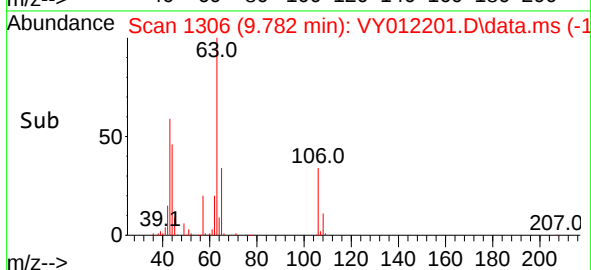
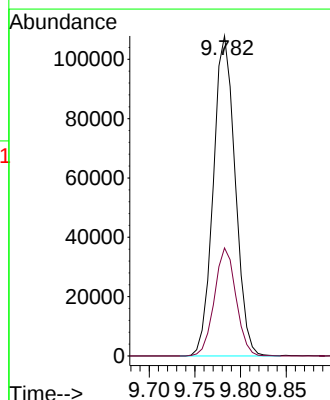
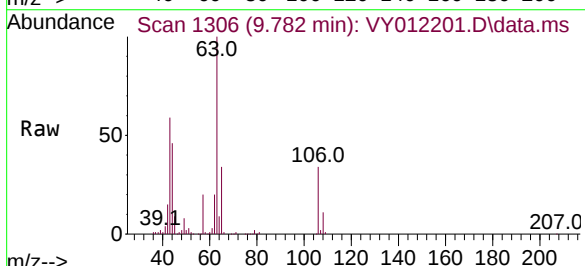
Acq: 16 Jan 2023 15:21

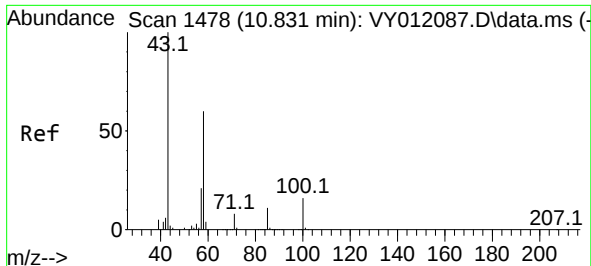
Tgt Ion: 63 Resp: 179333

Ion Ratio Lower Upper

63 100

106 33.3 23.2 34.8

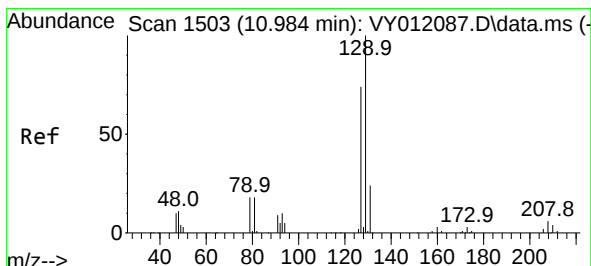
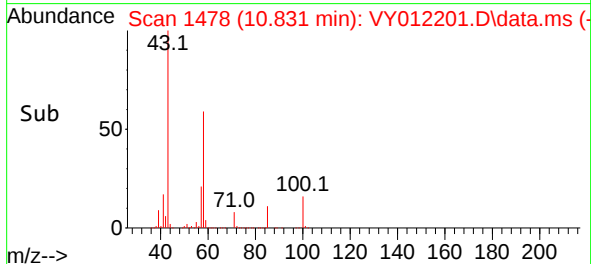
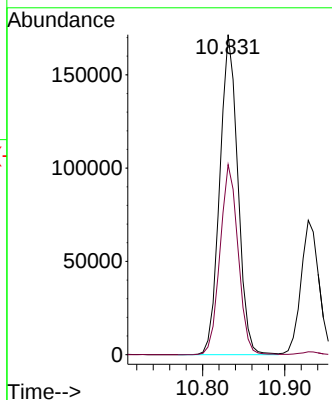
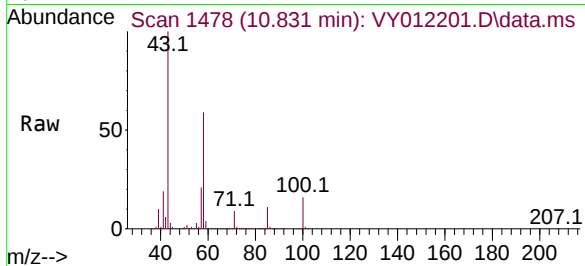




#59
2-Hexanone
Concen: 266.500 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

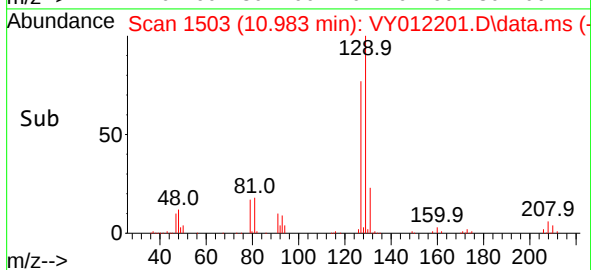
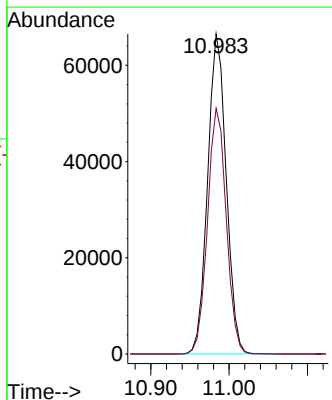
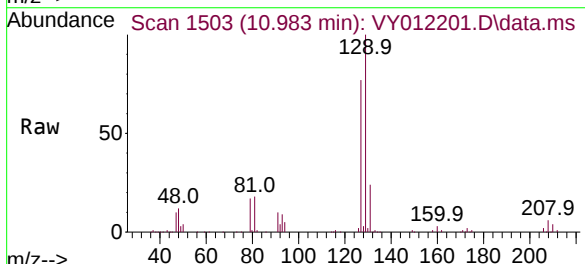
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

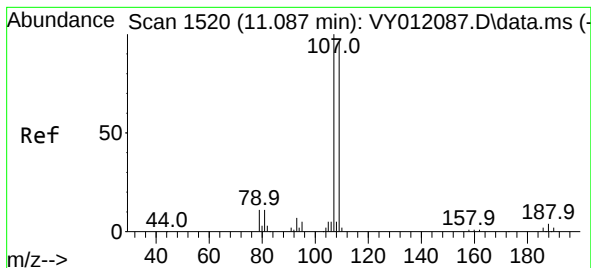
Tgt Ion: 43 Resp: 262402
Ion Ratio Lower Upper
43 100
58 59.2 28.4 85.2



#60
Dibromochloromethane
Concen: 48.711 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 129 Resp: 109437
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

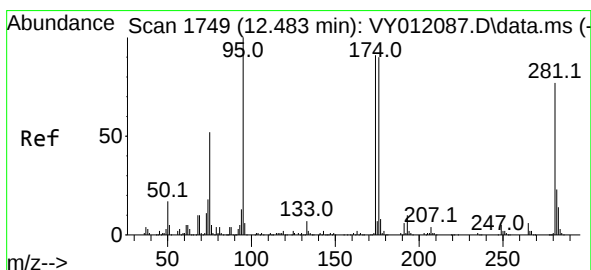
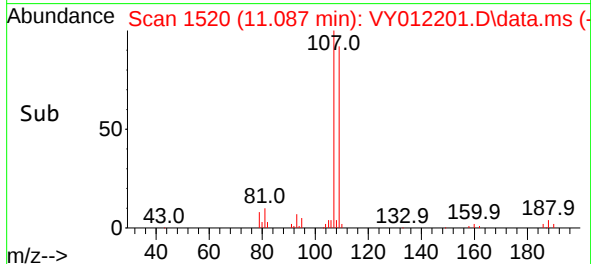
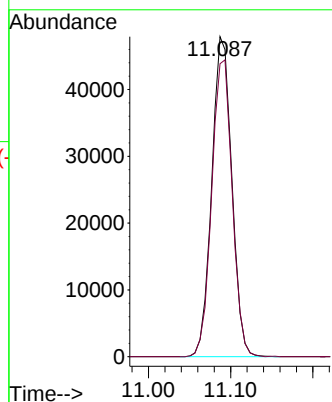
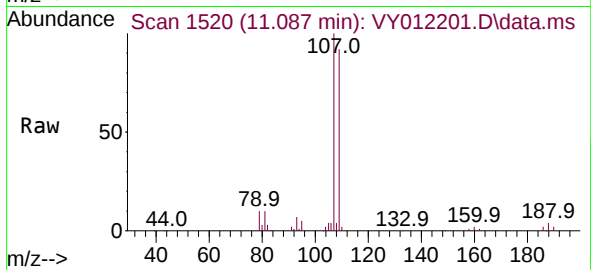




#61
1,2-Dibromoethane
Concen: 49.674 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

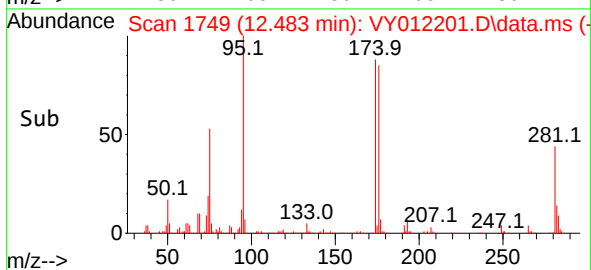
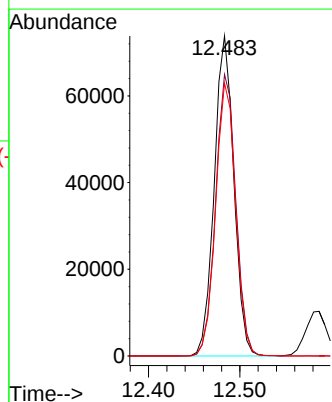
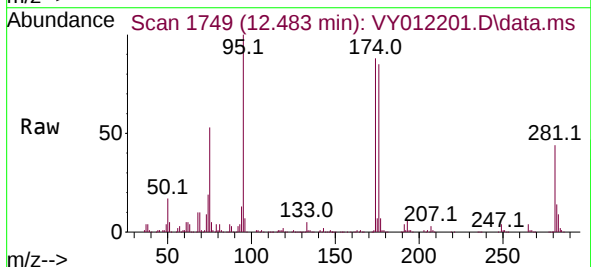
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

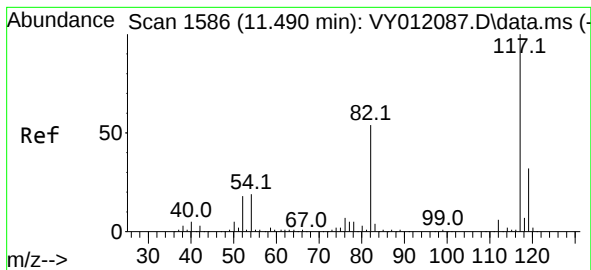
Tgt Ion:107 Resp: 81193
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 95 Resp: 110178
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 86.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

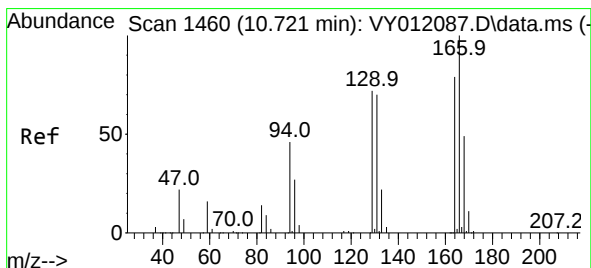
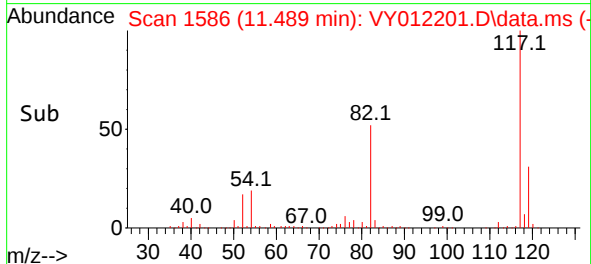
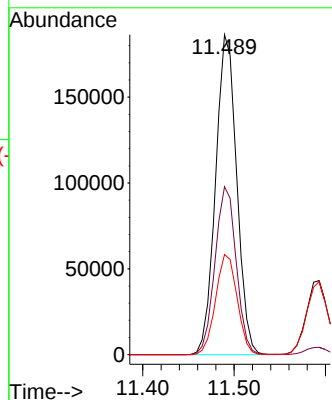
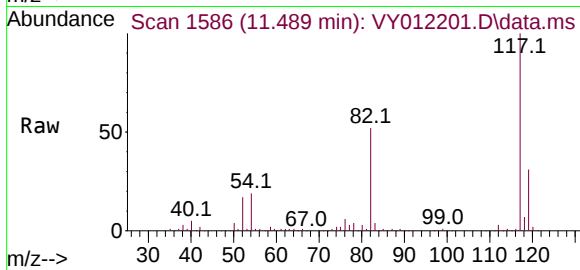
Tgt Ion:117 Resp: 299858

Ion Ratio Lower Upper

117 100

82 52.5 44.8 67.2

119 31.3 25.4 38.2



#64

Tetrachloroethene

Concen: 48.514 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Tgt Ion:164 Resp: 132743

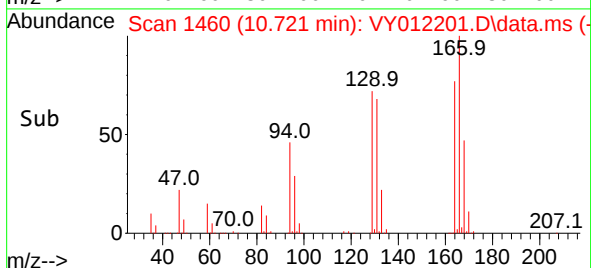
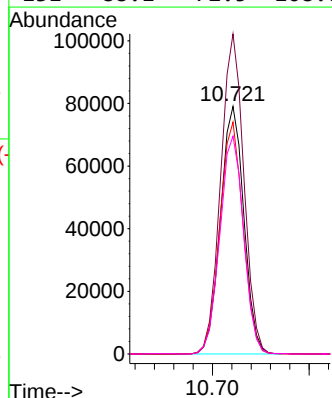
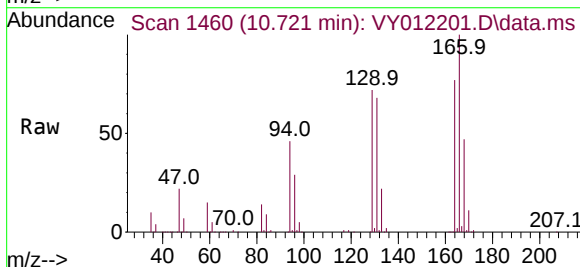
Ion Ratio Lower Upper

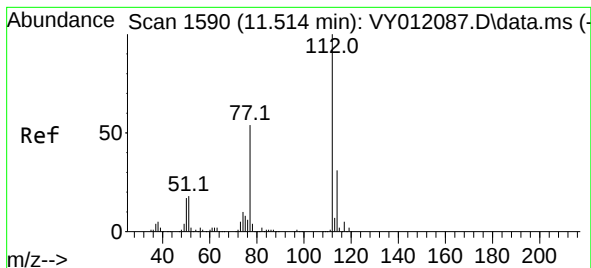
164 100

166 129.3 102.3 153.5

129 93.7 77.2 115.8

131 88.1 72.5 108.7





#65

Chlorobenzene

Concen: 48.605 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

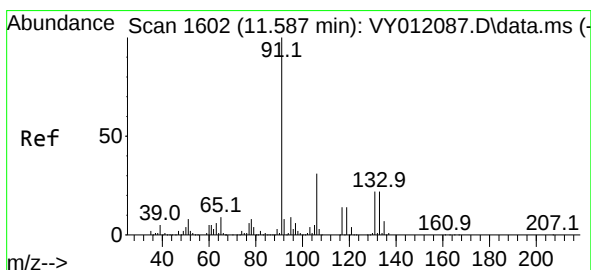
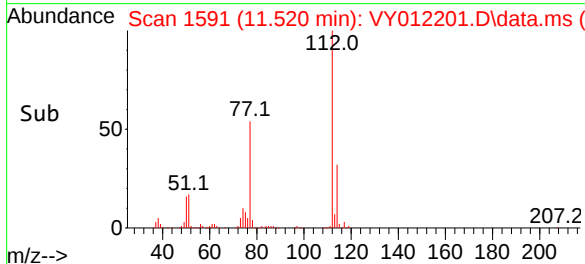
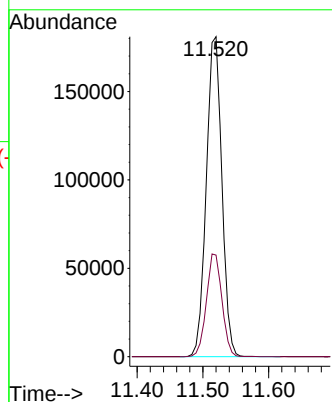
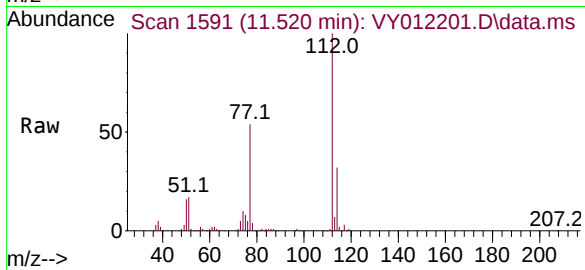
ICVVY011623

Tgt Ion:112 Resp: 298202

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.232 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

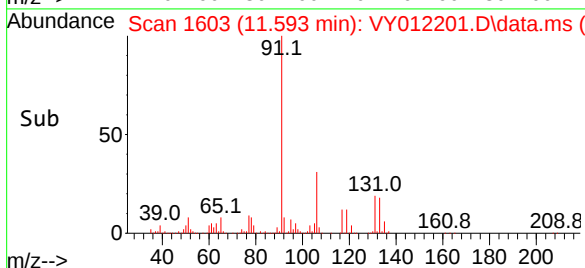
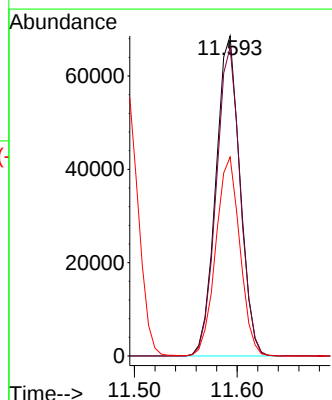
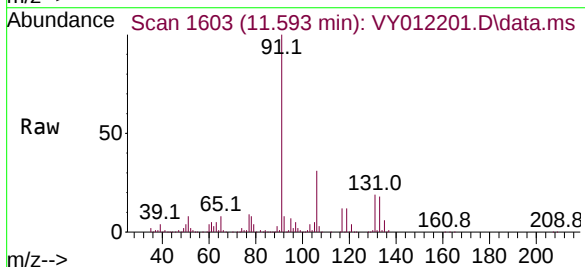
Tgt Ion:131 Resp: 111694

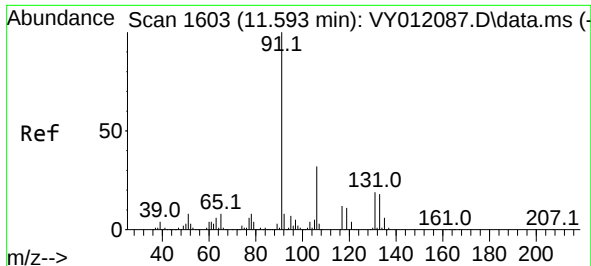
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 62.1 32.1 96.3





#67

Ethyl Benzene

Concen: 49.627 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

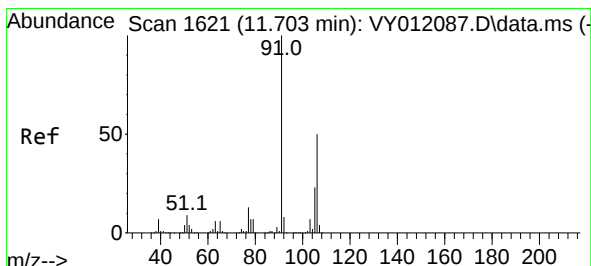
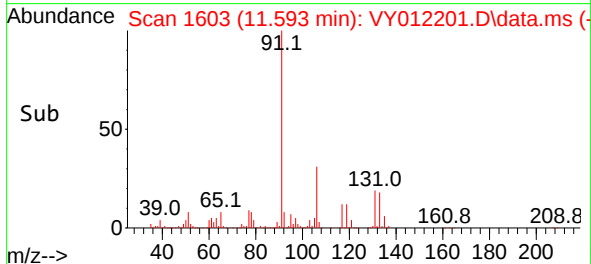
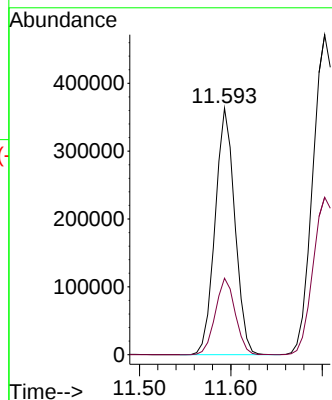
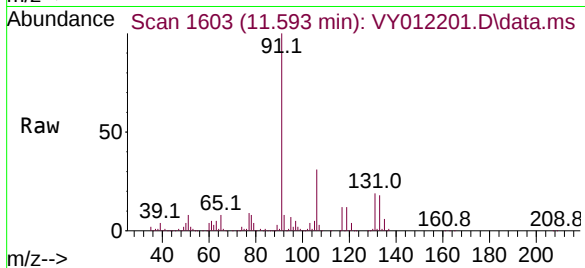
ICVY011623

Tgt Ion: 91 Resp: 544154

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 98.617 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012201.D

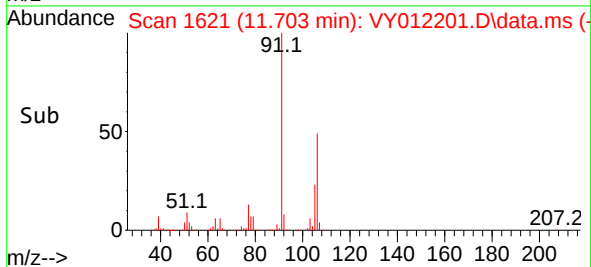
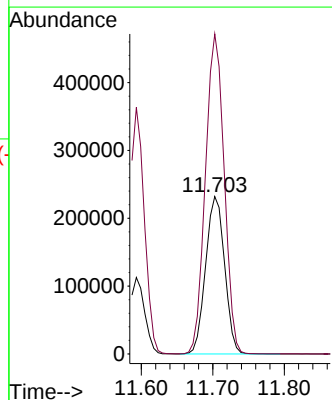
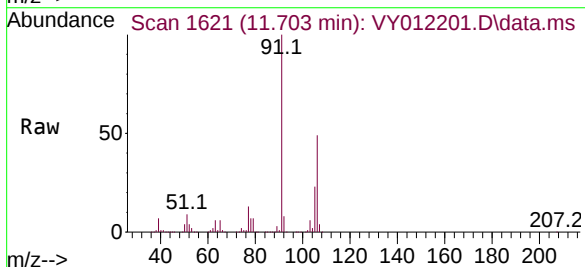
Acq: 16 Jan 2023 15:21

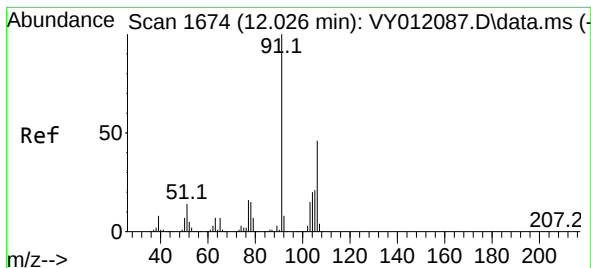
Tgt Ion:106 Resp: 427541

Ion Ratio Lower Upper

106 100

91 201.2 162.5 243.7





#69

o-Xylene

Concen: 48.878 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

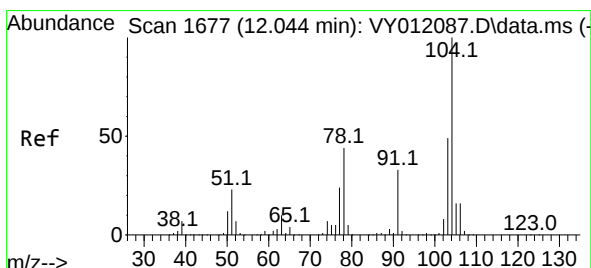
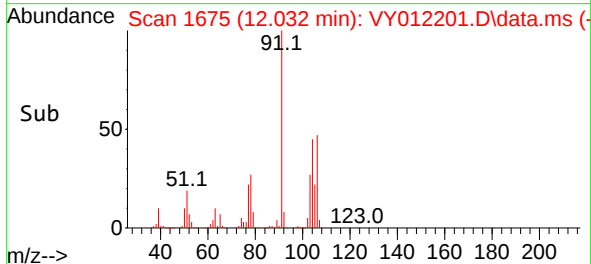
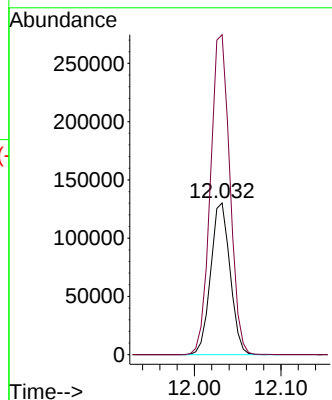
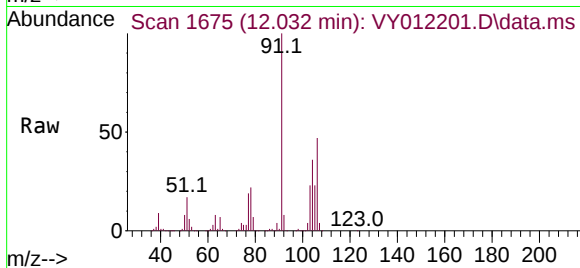
ICVVY011623

Tgt Ion:106 Resp: 202399

Ion Ratio Lower Upper

106 100

91 211.7 107.5 322.4



#70

Styrene

Concen: 49.169 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

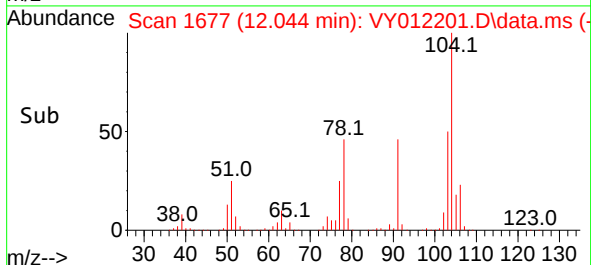
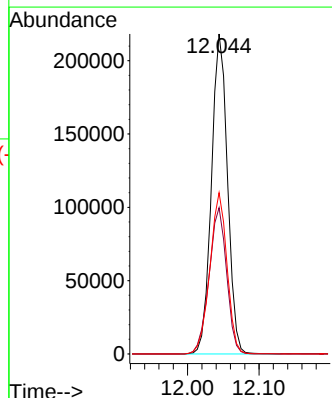
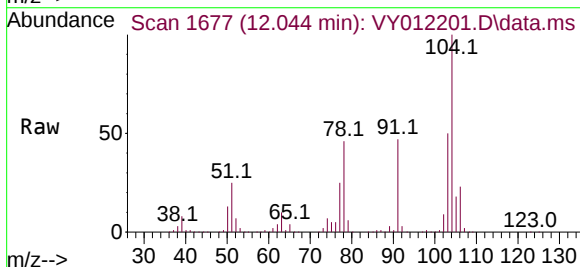
Tgt Ion:104 Resp: 340188

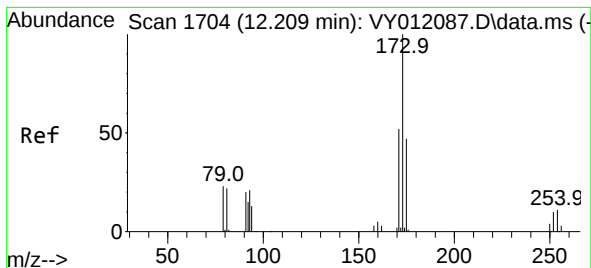
Ion Ratio Lower Upper

104 100

78 49.8 39.4 59.0

103 53.7 43.0 64.4





#71

Bromoform

Concen: 48.927 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVY011623

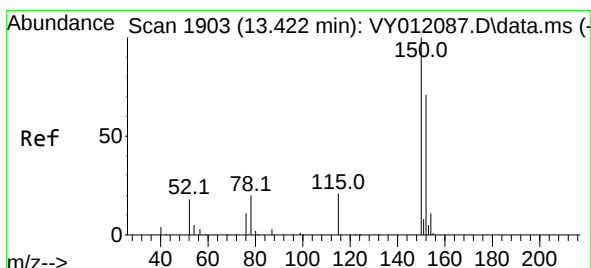
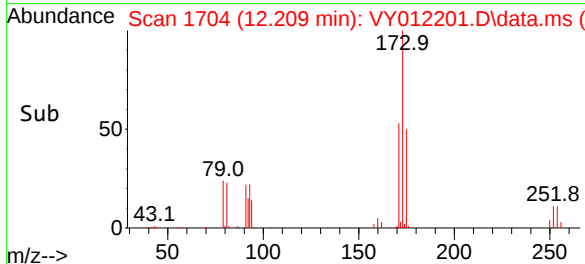
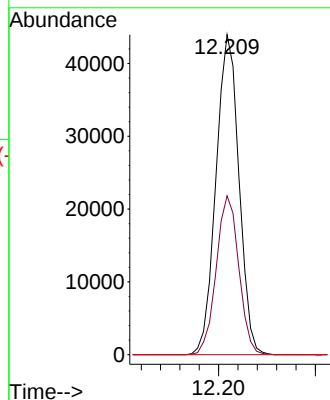
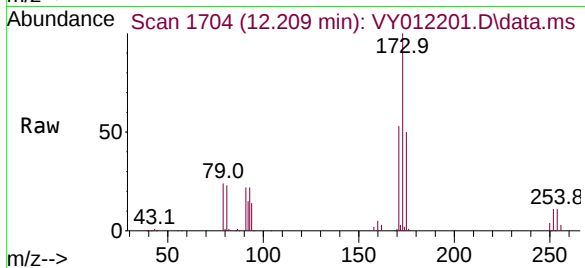
Tgt Ion:173 Resp: 72390

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

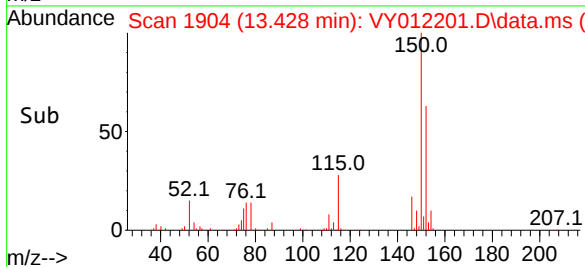
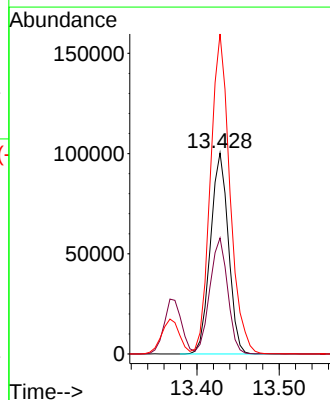
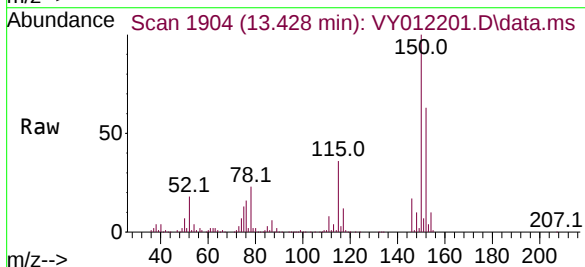
Tgt Ion:152 Resp: 152120

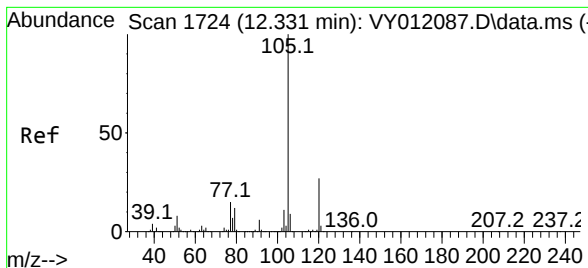
Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 172.9 0.0 342.6





#73

Isopropylbenzene

Concen: 49.845 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

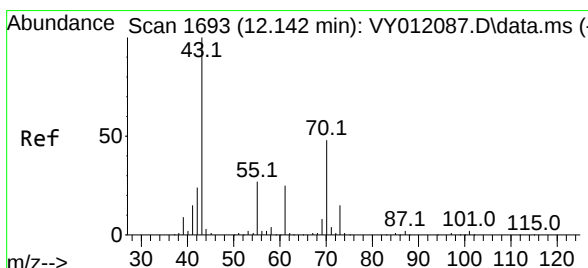
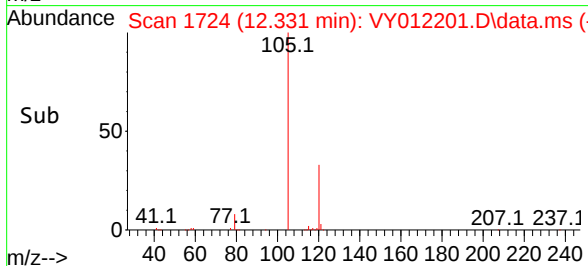
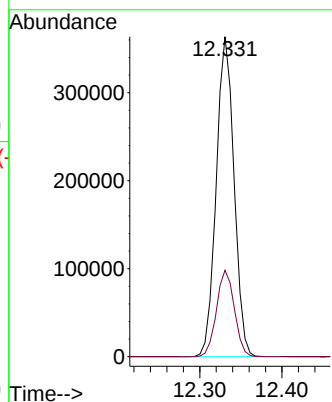
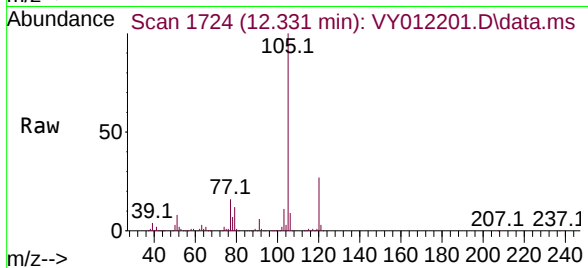
ICVVY011623

Tgt Ion:105 Resp: 546764

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 52.369 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Tgt Ion: 43 Resp: 112607

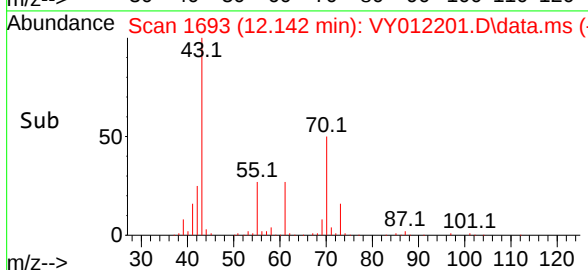
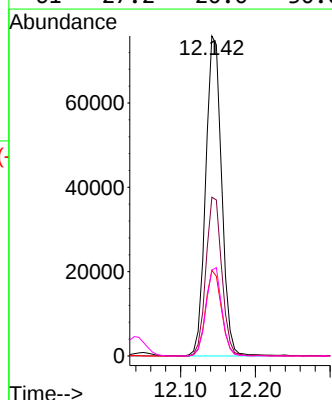
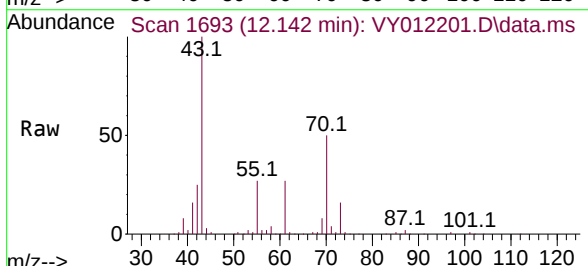
Ion Ratio Lower Upper

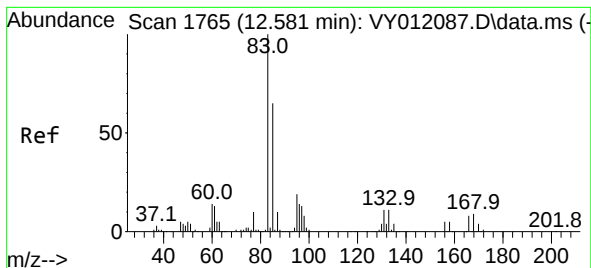
43 100

70 49.4 35.8 53.8

55 26.6 21.0 31.4

61 27.2 20.0 30.0

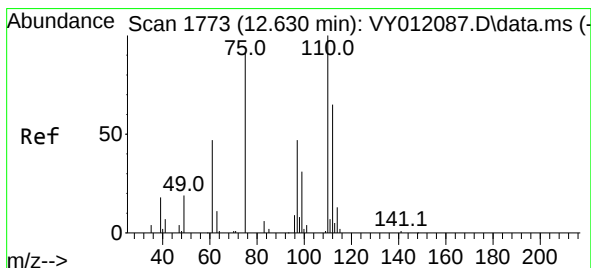
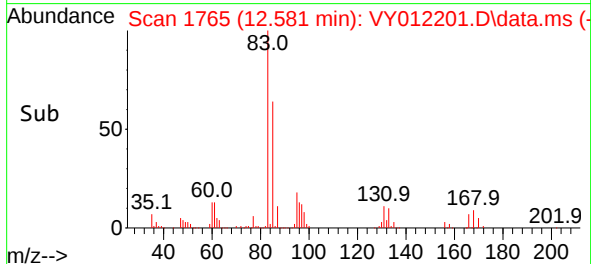
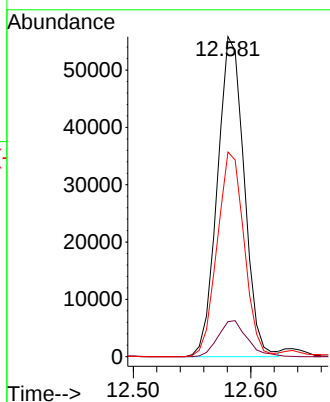
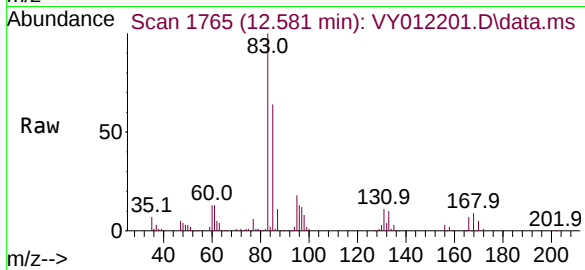




#75
1,1,2,2-Tetrachloroethane
Concen: 51.247 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

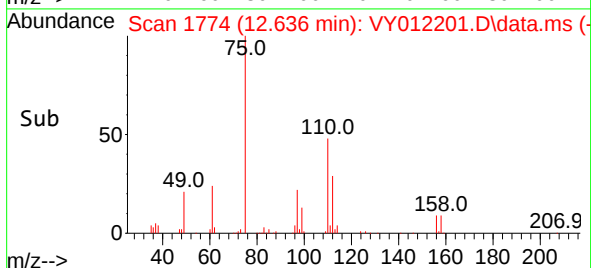
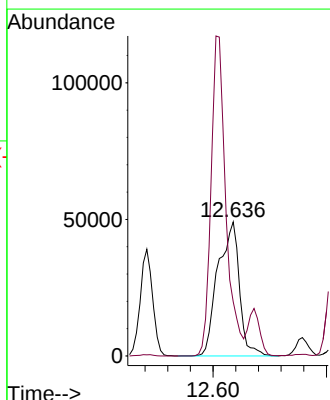
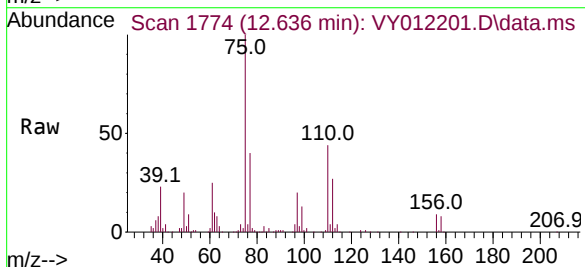
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

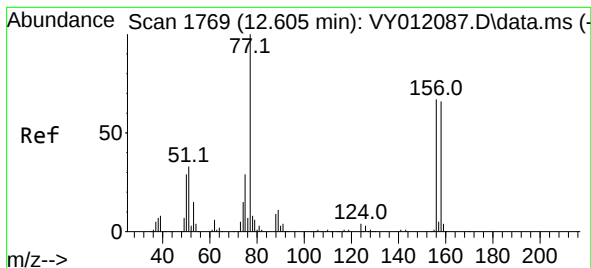
Tgt Ion: 83 Resp: 88544
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 92.239 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 75 Resp: 129024
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.485 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

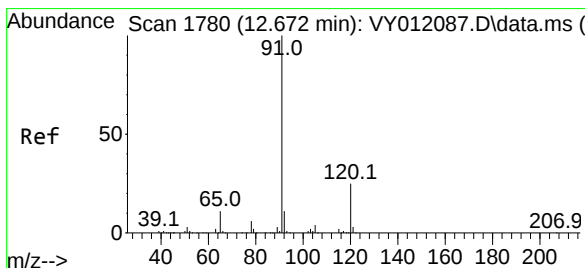
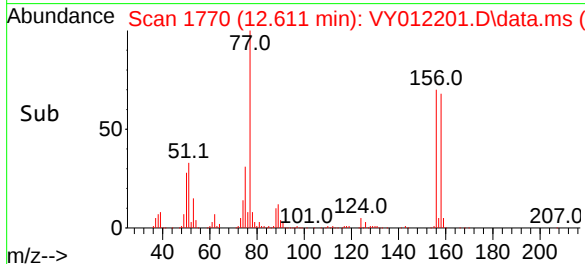
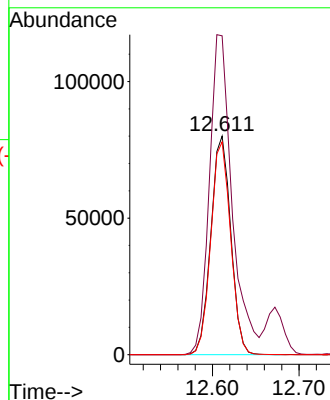
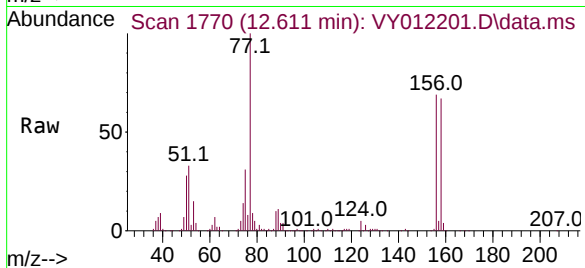
Tgt Ion:156 Resp: 127976

Ion Ratio Lower Upper

156 100

77 166.7 90.0 270.0

158 96.9 48.4 145.2



#78

n-propylbenzene

Concen: 49.612 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012201.D

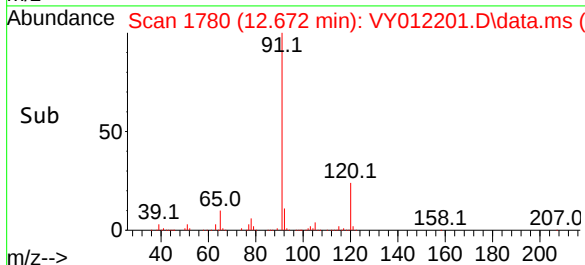
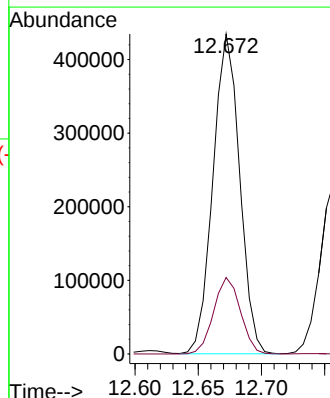
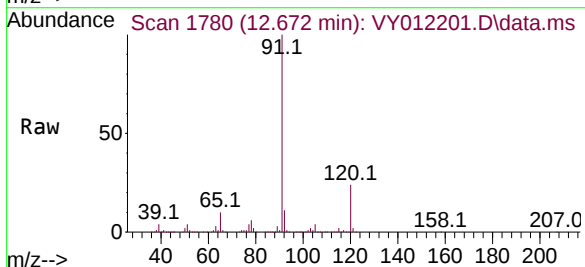
Acq: 16 Jan 2023 15:21

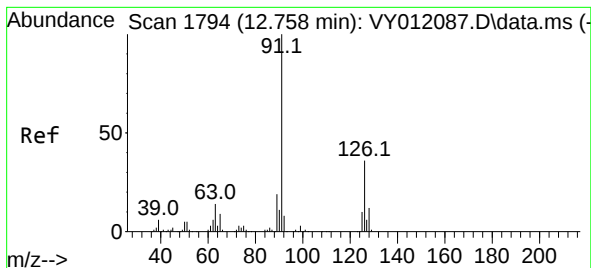
Tgt Ion: 91 Resp: 636818

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4

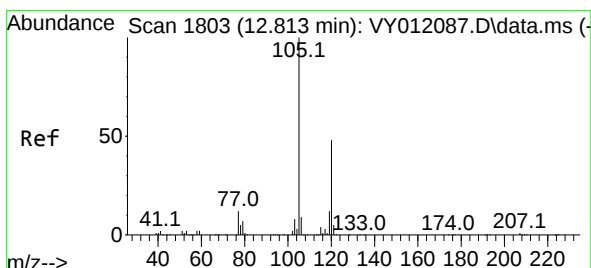
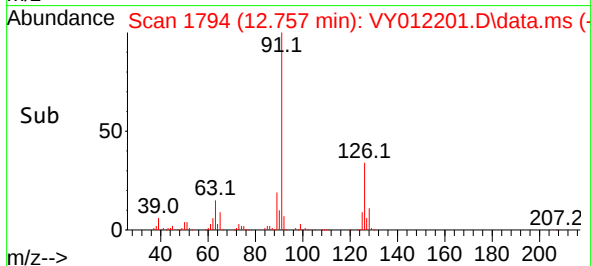
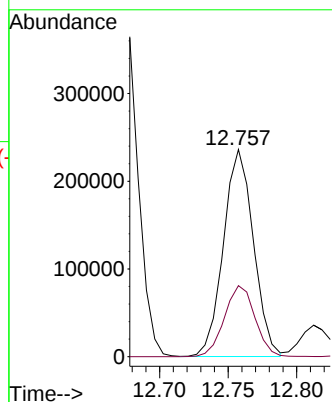
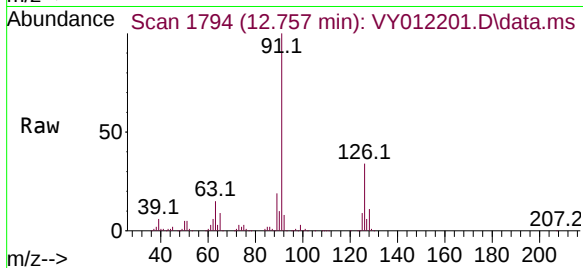




#79
2-Chlorotoluene
Concen: 49.538 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

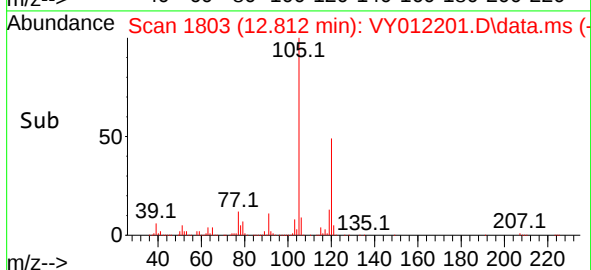
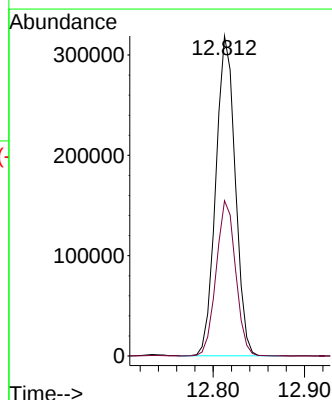
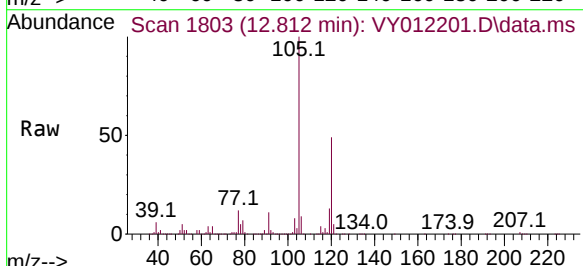
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

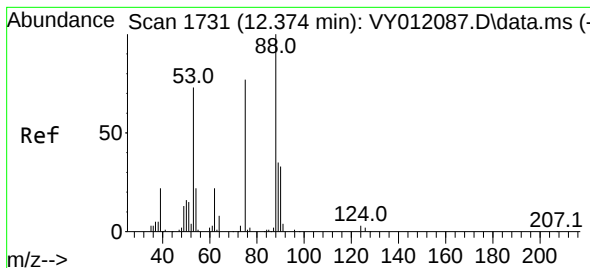
Tgt Ion: 91 Resp: 359521
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.330 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 105 Resp: 470393
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

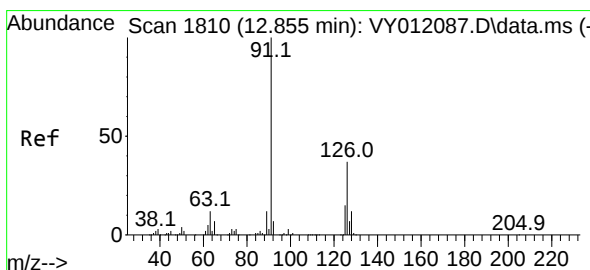
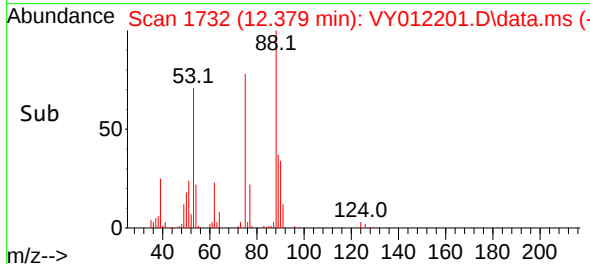
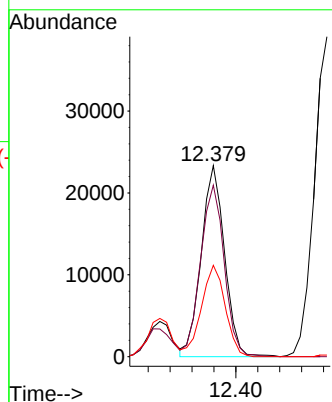
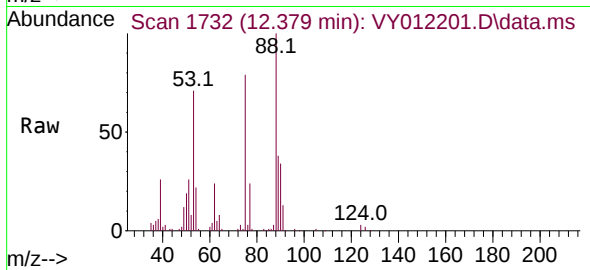




#81
trans-1,4-Dichloro-2-butene
Concen: 50.780 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

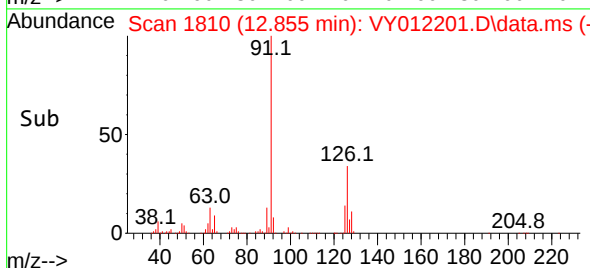
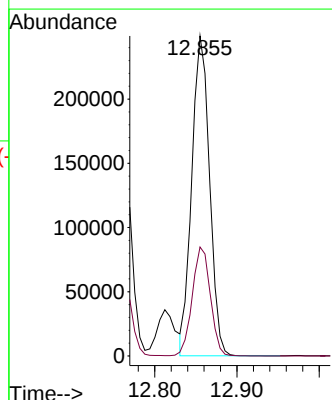
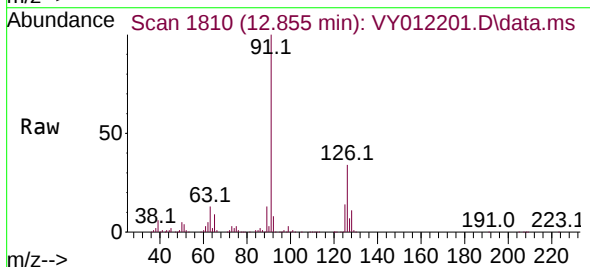
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

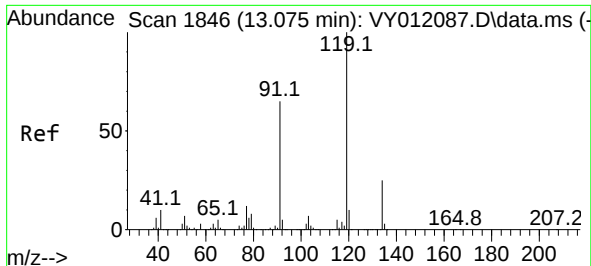
Tgt Ion: 75 Resp: 34474
Ion Ratio Lower Upper
75 100
53 91.5 72.5 108.7
89 49.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.014 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion: 91 Resp: 373651
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

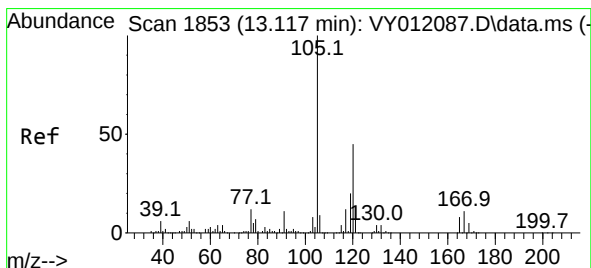
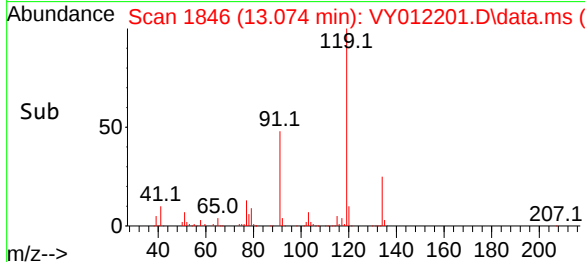
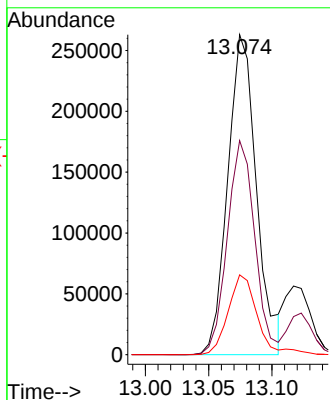
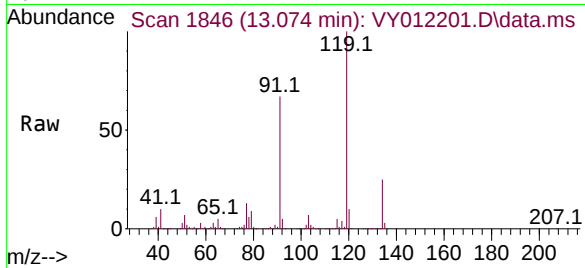




#83
tert-Butylbenzene
Concen: 50.048 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

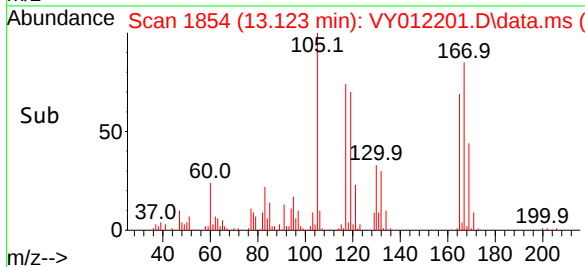
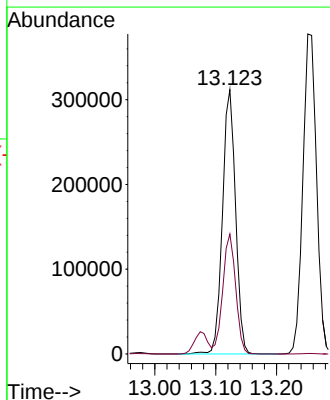
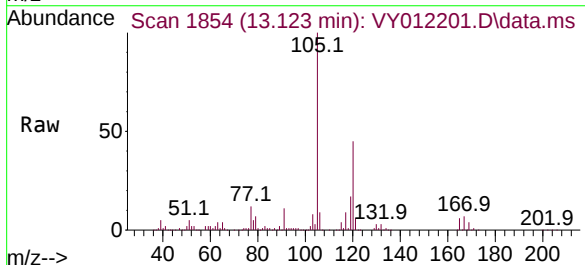
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

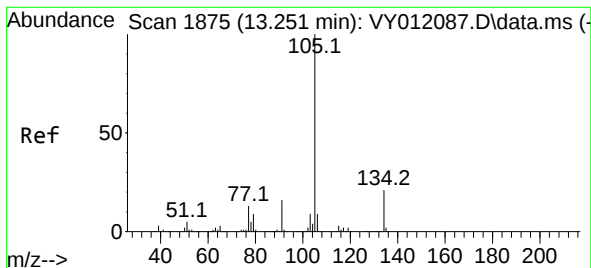
Tgt Ion:119 Resp: 415947
Ion Ratio Lower Upper
119 100
91 64.2 32.3 96.8
134 25.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.490 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion:105 Resp: 465404
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 49.623 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

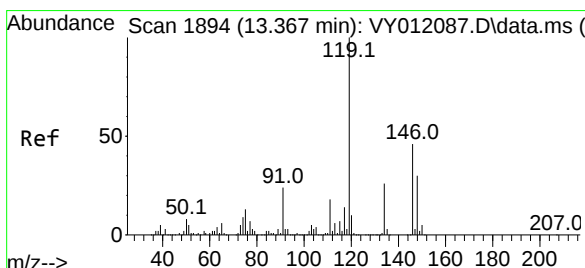
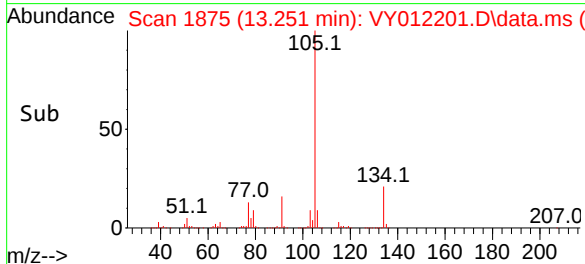
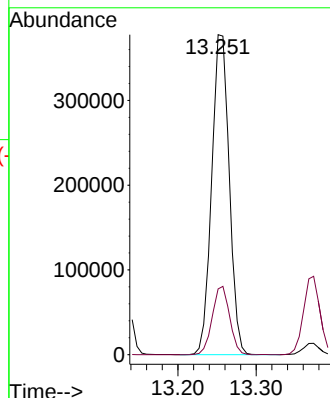
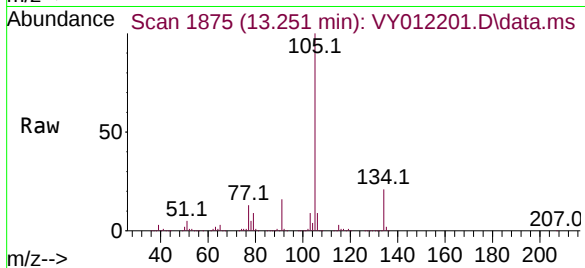
ICVVY011623

Tgt Ion:105 Resp: 587183

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 49.759 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

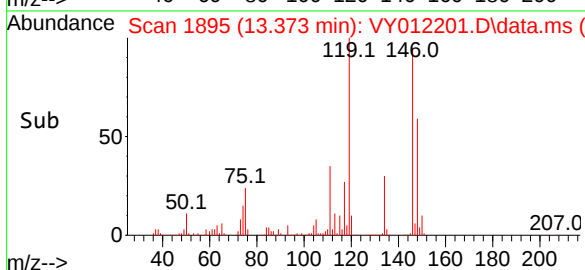
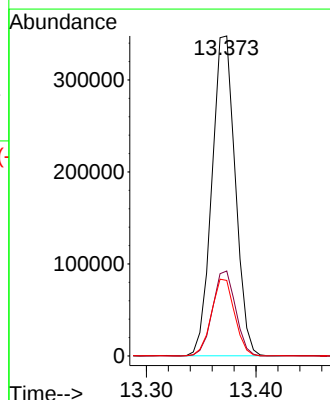
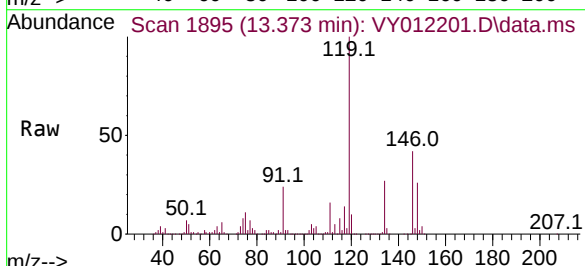
Tgt Ion:119 Resp: 514435

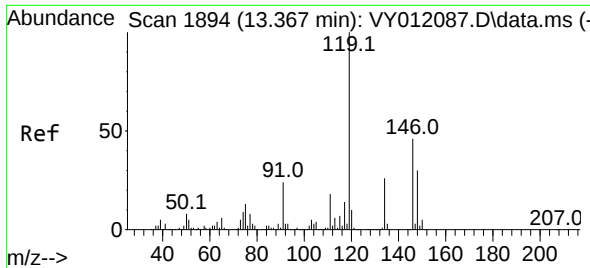
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.8 11.9 35.9

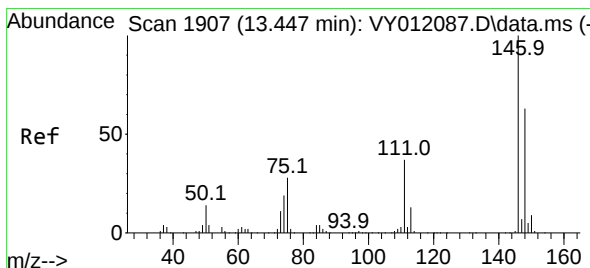
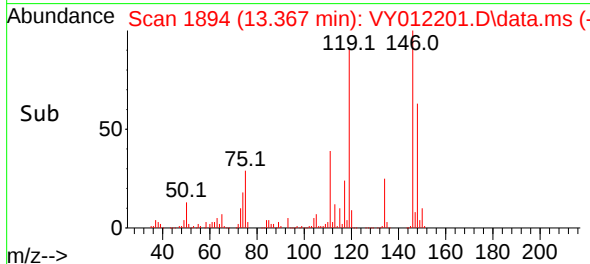
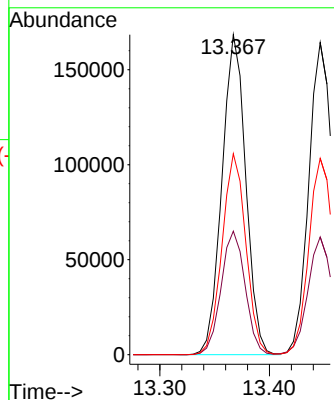
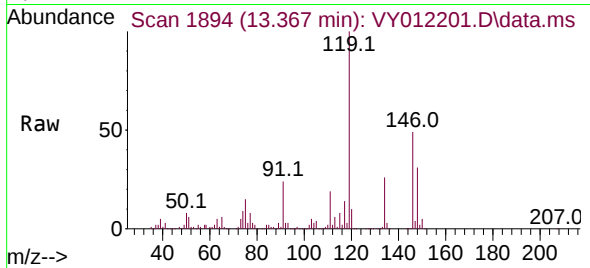




#87
1,3-Dichlorobenzene
Concen: 48.414 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

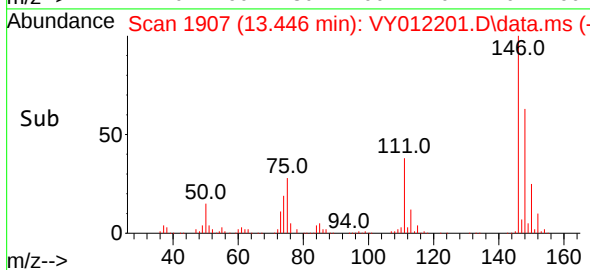
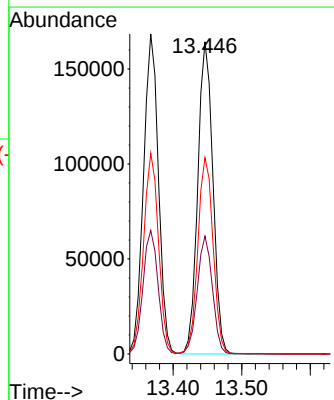
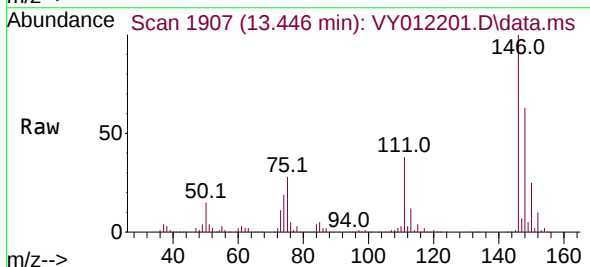
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

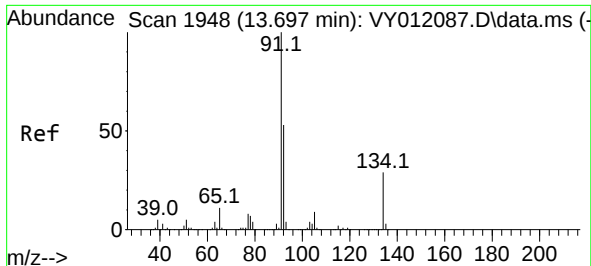
Tgt Ion:146 Resp: 254156
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 62.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.240 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion:146 Resp: 252556
Ion Ratio Lower Upper
146 100
111 37.9 19.6 58.7
148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 50.492 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

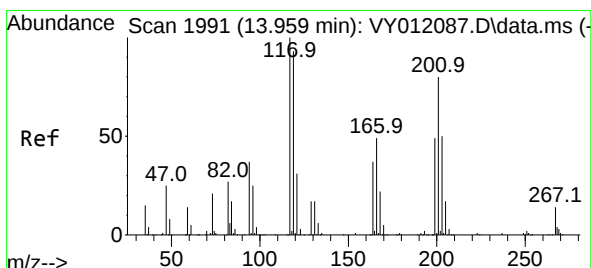
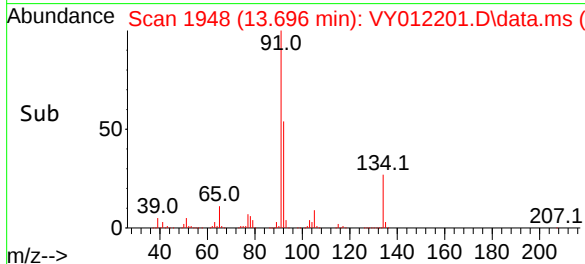
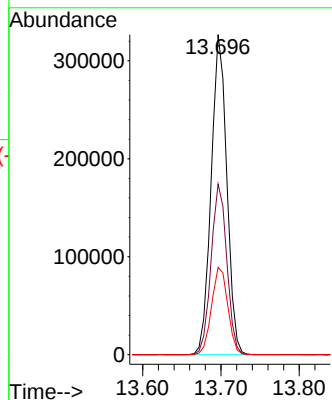
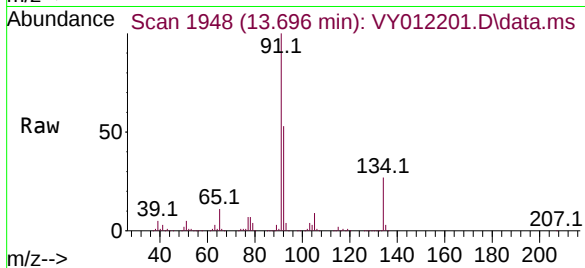
Tgt Ion: 91 Resp: 452372

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 28.3 13.3 39.8



#90

Hexachloroethane

Concen: 48.802 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY012201.D

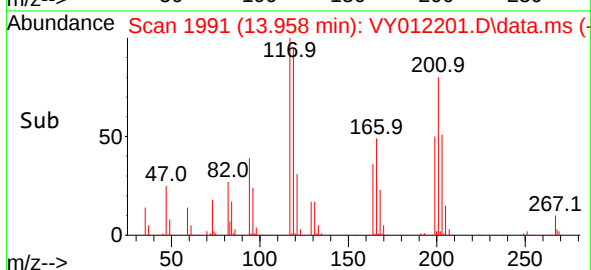
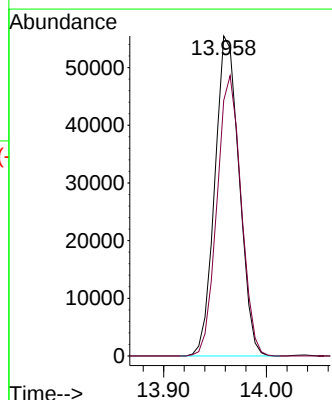
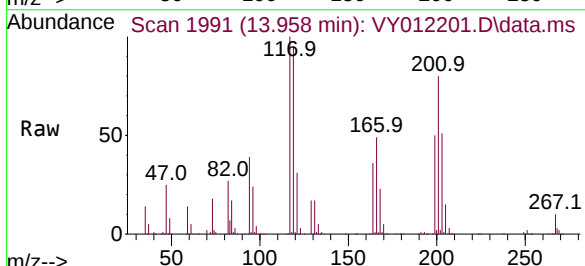
Acq: 16 Jan 2023 15:21

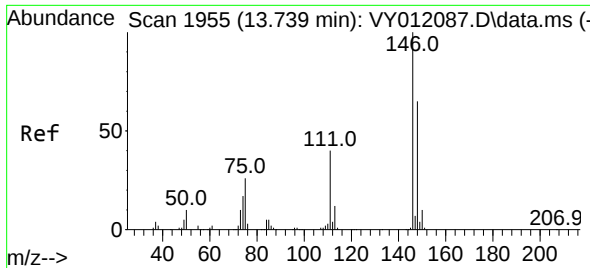
Tgt Ion: 117 Resp: 91082

Ion Ratio Lower Upper

117 100

201 86.8 40.3 120.8

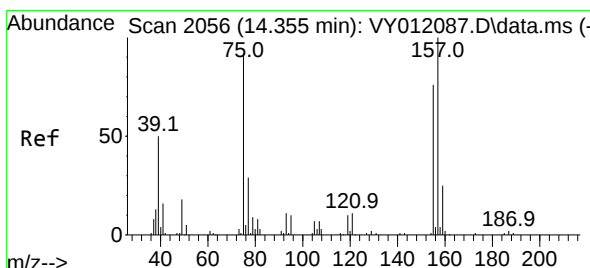
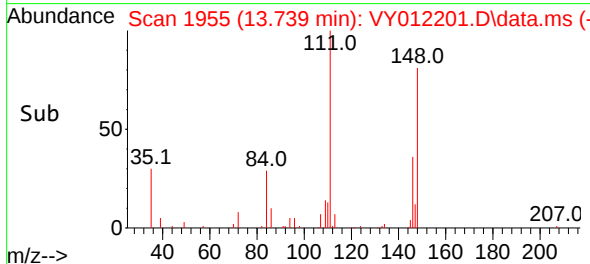
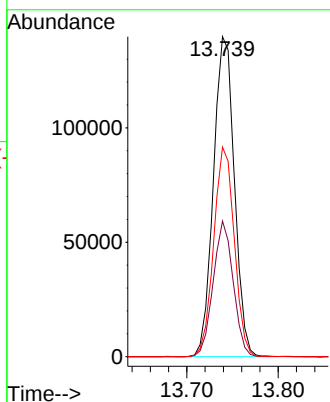
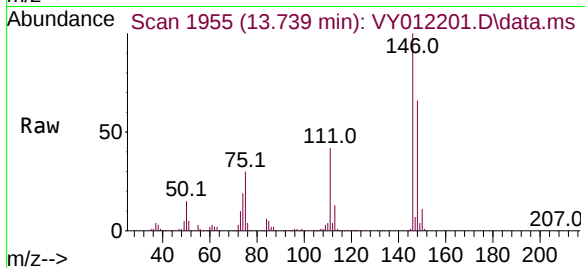




#91
1,2-Dichlorobenzene
Concen: 47.603 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

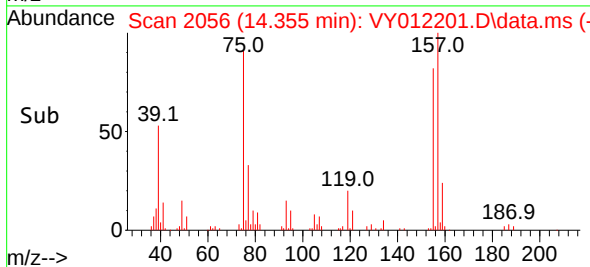
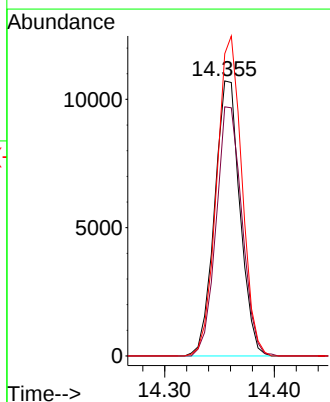
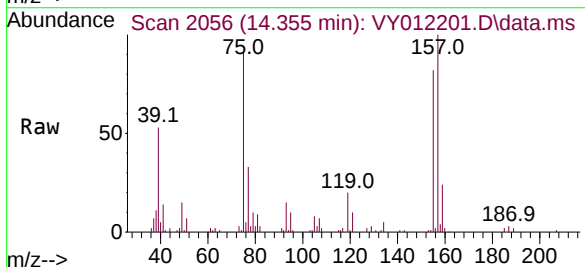
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

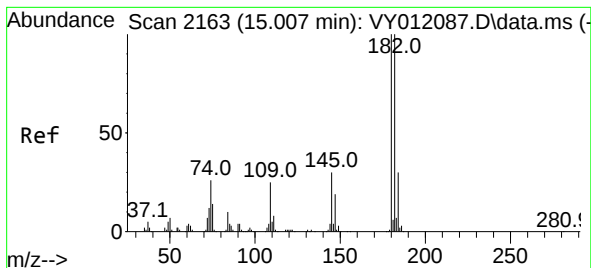
Tgt Ion:	146	Resp:	222981
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	64.4	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.263 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012201.D
Acq: 16 Jan 2023 15:21

Tgt Ion:	75	Resp:	17233
Ion	Ratio	Lower	Upper
75	100		
155	91.9	42.3	126.8
157	115.1	54.4	163.3





#93

1,2,4-Trichlorobenzene

Concen: 49.397 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

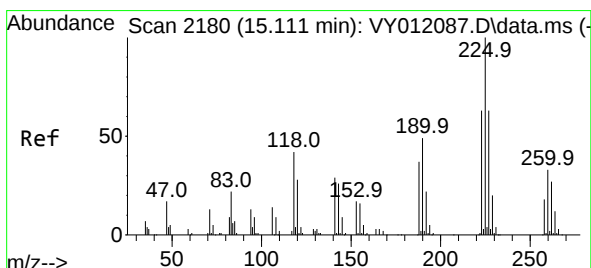
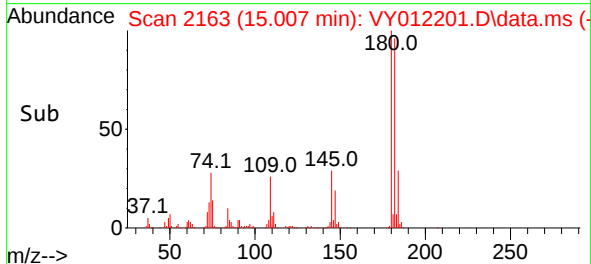
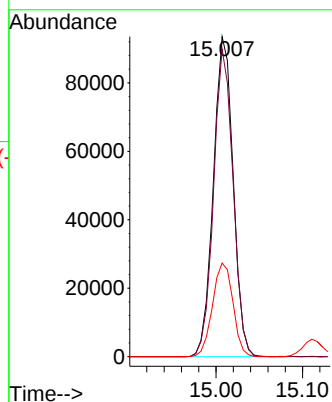
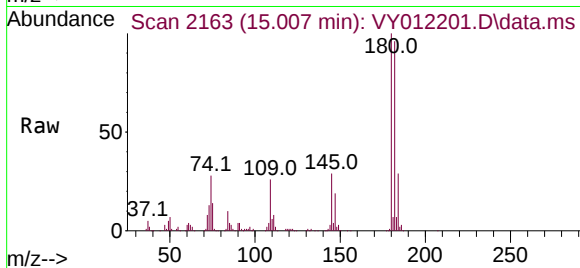
Tgt Ion:180 Resp: 148260

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.393 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

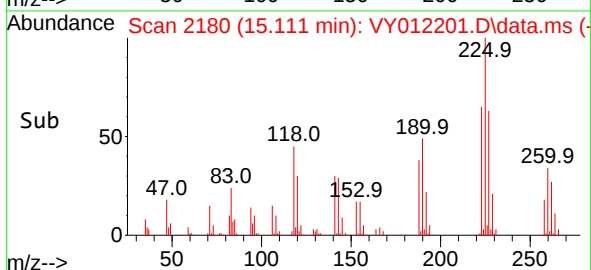
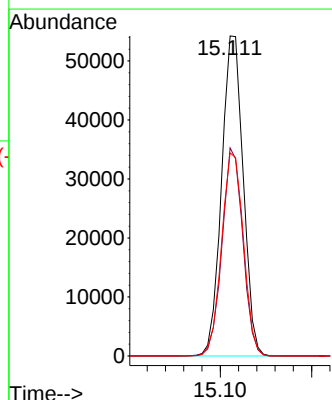
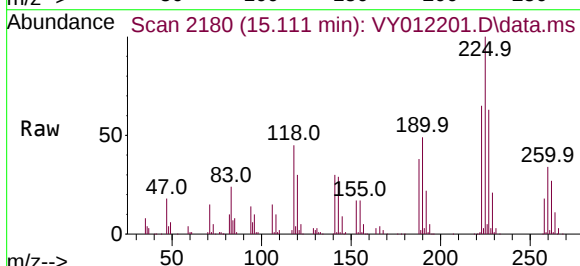
Tgt Ion:225 Resp: 89257

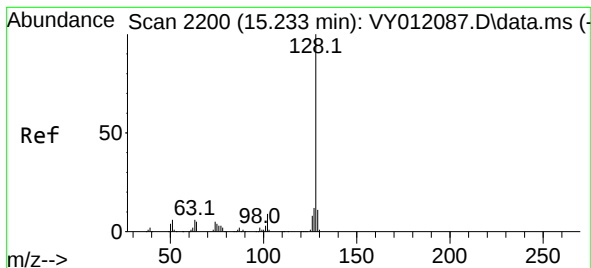
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 64.1 32.6 97.8





#95

Naphthalene

Concen: 49.666 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY011623

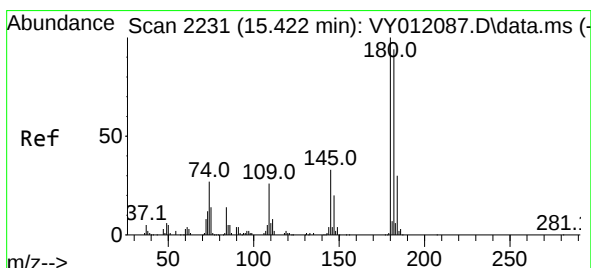
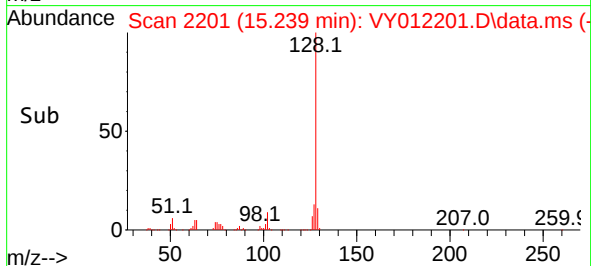
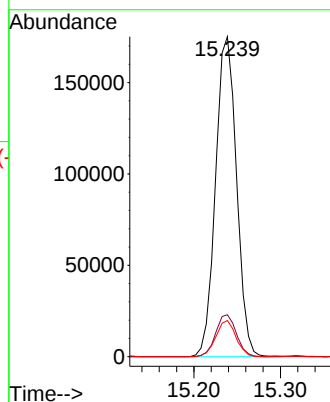
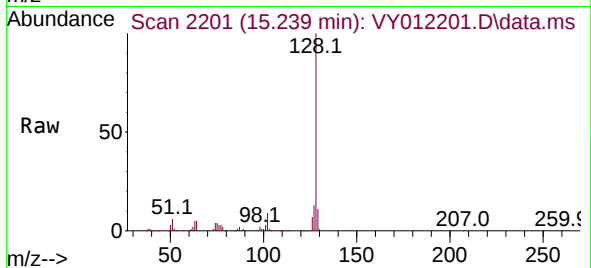
Tgt Ion:128 Resp: 294228

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.769 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012201.D

Acq: 16 Jan 2023 15:21

Tgt Ion:180 Resp: 125958

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 32.7 16.1 48.2

