

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012516.D
 Acq On : 07 Feb 2023 13:41
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY020723

Quant Time: Feb 07 22:05:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 22:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99510	49.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.716	113	88326	51.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.179	98	365097	51.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.483	95	123375	49.738	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53928	47.930	ug/l	100
3) Chloromethane	2.119	50	57412	46.414	ug/l	98
4) Vinyl Chloride	2.253	62	71633	46.482	ug/l	95
5) Bromomethane	2.656	94	58415	52.043	ug/l	95
6) Chloroethane	2.796	64	49124	45.796	ug/l	97
7) Trichlorofluoromethane	3.131	101	147250	46.486	ug/l	98
8) Diethyl Ether	3.534	74	45522	48.466	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	76718	47.962	ug/l	100
10) Methyl Iodide	4.094	142	94823	45.728	ug/l	99
11) Tert butyl alcohol	4.954	59	42863	218.768	ug/l	100
12) 1,1-Dichloroethene	3.875	96	75355	47.679	ug/l	99
13) Acrolein	3.735	56	56206	236.825	ug/l	98
14) Allyl chloride	4.479	41	96520	50.087	ug/l	96
15) Acrylonitrile	5.161	53	106190	245.055	ug/l	99
16) Acetone	3.948	43	128420	264.294	ug/l	95
17) Carbon Disulfide	4.198	76	186231	45.429	ug/l	100
18) Methyl Acetate	4.479	43	54654	46.797	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	229157	49.550	ug/l	99
20) Methylene Chloride	4.716	84	88376	48.565	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	83324	48.341	ug/l	97
22) Diisopropyl ether	6.119	45	200473	51.163	ug/l	95
23) Vinyl Acetate	6.058	43	612528	259.310	ug/l	100
24) 1,1-Dichloroethane	6.021	63	138020	49.273	ug/l	99
25) 2-Butanone	6.984	43	135716	251.742	ug/l	99
26) 2,2-Dichloropropane	6.984	77	147835	48.036	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	97168	48.577	ug/l	98
28) Bromochloromethane	7.332	49	55624	54.629	ug/l	96
29) Tetrahydrofuran	7.344	42	72461	248.621	ug/l	99
30) Chloroform	7.508	83	161096	47.701	ug/l	99
31) Cyclohexane	7.783	56	109773	47.030	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	158333	48.314	ug/l	100
36) 1,1-Dichloropropene	7.917	75	109703	47.443	ug/l	99
37) Ethyl Acetate	7.076	43	50841	48.727	ug/l	99
38) Carbon Tetrachloride	7.899	117	147827	47.625	ug/l	98
39) Methylcyclohexane	9.185	83	135414	48.667	ug/l	100
40) Benzene	8.161	78	331108	48.481	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	72586	126.981	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	105143	47.498	ug/l	100
43) Isopropyl Acetate	8.271	43	96630	49.950	ug/l	99
44) Trichloroethene	8.941	130	99270	47.748	ug/l	96
45) 1,2-Dichloropropane	9.216	63	73959	49.941	ug/l	99
46) Dibromomethane	9.307	93	47325	48.262	ug/l	98
47) Bromodichloromethane	9.496	83	122751	48.280	ug/l	94
48) Methyl methacrylate	9.295	41	44723	50.576	ug/l	98
49) 1,4-Dioxane	9.301	88	13220	976.626	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	263550	252.504	ug/l	99
52) Toluene	10.246	92	222413	48.023	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	125287	48.902	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	135495	48.871	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	69307	48.372	ug/l	96
56) Ethyl methacrylate	10.508	69	91939	51.073	ug/l	99
57) 1,3-Dichloropropane	10.788	76	113356	49.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	205137	253.532	ug/l	99
59) 2-Hexanone	10.831	43	202361	256.552	ug/l	99
60) Dibromochloromethane	10.983	129	92453	48.406	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65089	48.483	ug/l	98
64) Tetrachloroethene	10.721	164	108213	48.894	ug/l	99
65) Chlorobenzene	11.520	112	245491	48.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	97338	49.400	ug/l	99
67) Ethyl Benzene	11.593	91	438783	49.707	ug/l	98
68) m/p-Xylenes	11.703	106	345230	97.978	ug/l	99
69) o-Xylene	12.032	106	166380	49.583	ug/l	98
70) Styrene	12.044	104	281490	49.463	ug/l	99
71) Bromoform	12.209	173	61053	49.021	ug/l #	100
73) Isopropylbenzene	12.331	105	458216	51.547	ug/l	100
74) N-amyl acetate	12.142	43	84953	52.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	72416	50.381	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	104584	85.199	ug/l #	100
77) Bromobenzene	12.611	156	107601	49.941	ug/l	99
78) n-propylbenzene	12.672	91	518388	50.666	ug/l	100
79) 2-Chlorotoluene	12.758	91	293686	50.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	387958	50.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27992	51.423	ug/l	99
82) 4-Chlorotoluene	12.855	91	302581	49.662	ug/l	100
83) tert-Butylbenzene	13.075	119	352473	52.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	385766	51.234	ug/l	99
85) sec-Butylbenzene	13.257	105	495898	51.656	ug/l	99
86) p-Isopropyltoluene	13.373	119	430101	51.644	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213032	49.694	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	211251	49.195	ug/l	99
89) n-Butylbenzene	13.696	91	370700	52.081	ug/l	99
90) Hexachloroethane	13.965	117	77415	50.643	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	191951	49.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14256	49.840	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	124650	52.165	ug/l	99
94) Hexachlorobutadiene	15.111	225	74420	50.133	ug/l	100
95) Naphthalene	15.239	128	245558	53.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	107364	51.907	ug/l	100

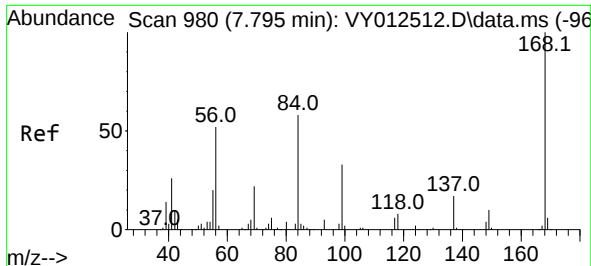
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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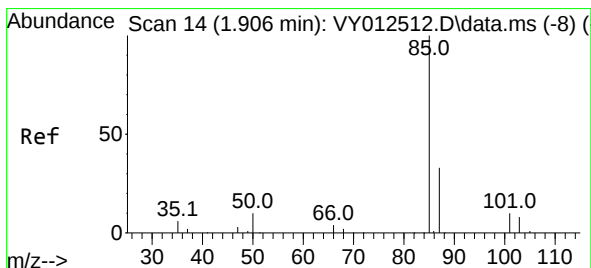
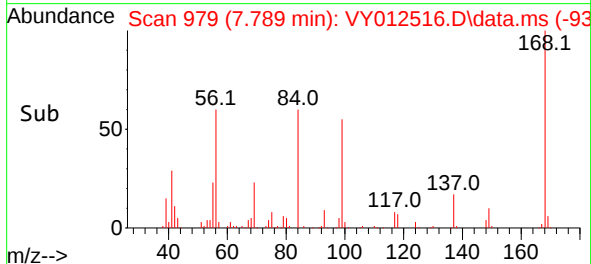
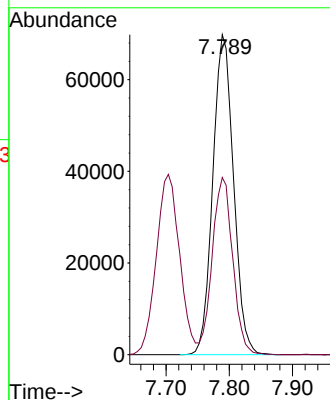
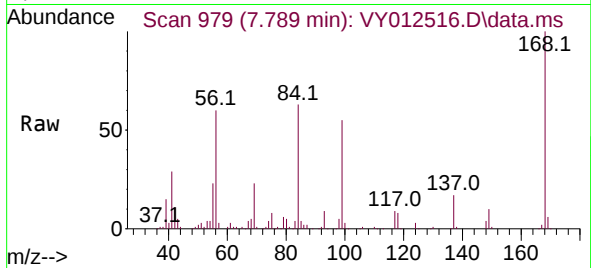
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012516.D
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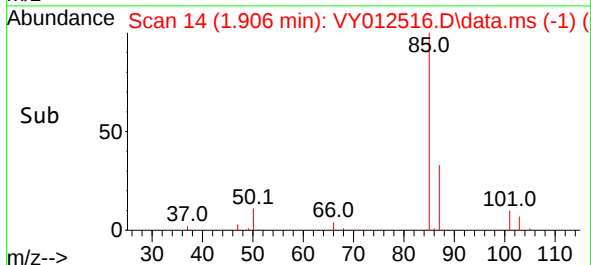
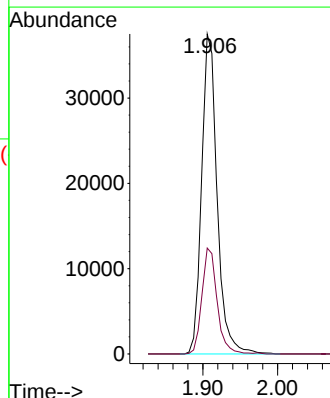
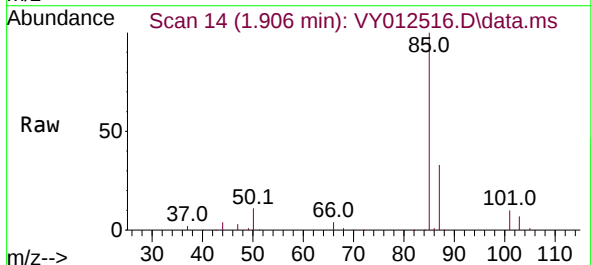
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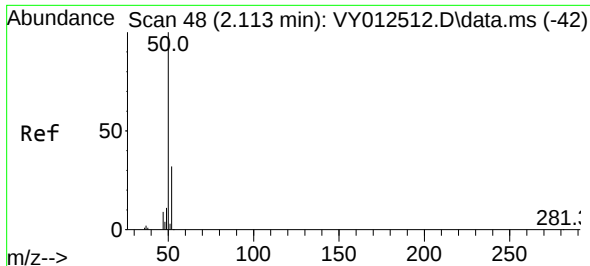
Tgt Ion:168 Resp: 158759
Ion Ratio Lower Upper
168 100
99 55.4 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 47.930 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 85 Resp: 53928
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8

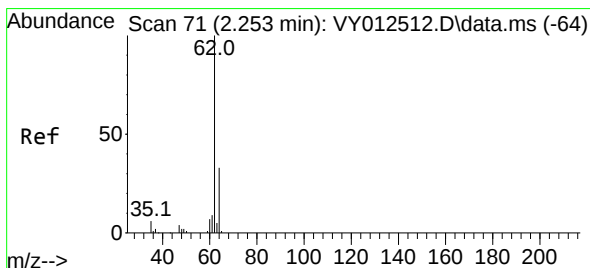
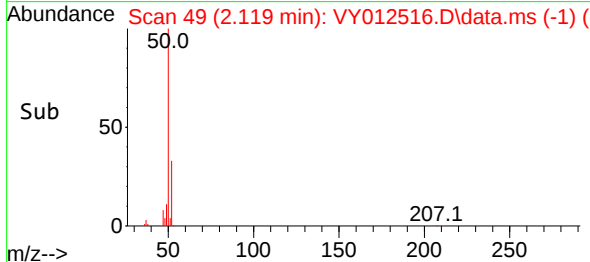
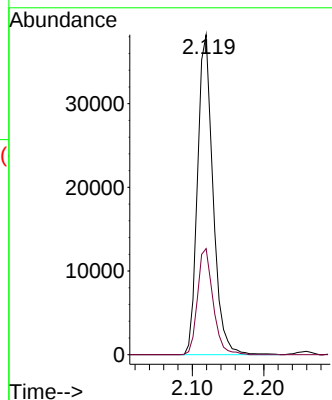
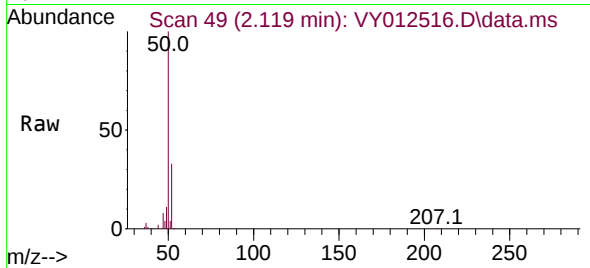




#3
Chloromethane
Concen: 46.414 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

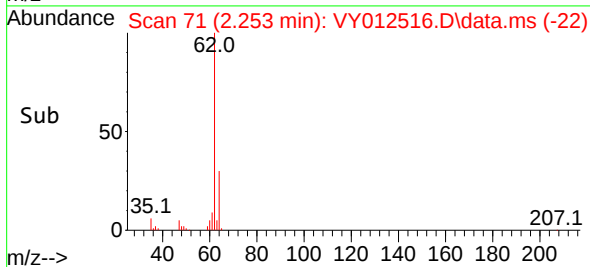
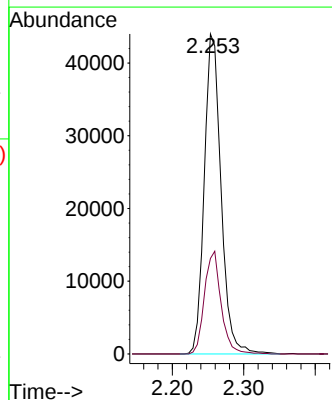
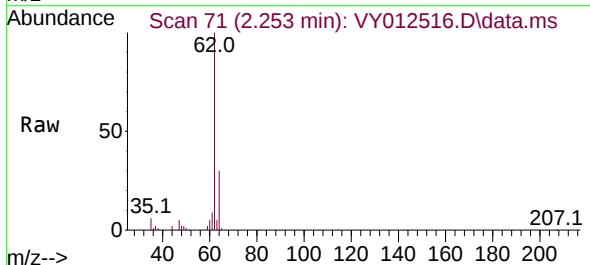
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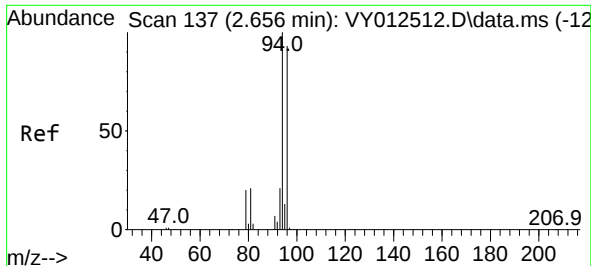
Tgt Ion: 50 Resp: 57412
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.6



#4
Vinyl Chloride
Concen: 46.482 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 62 Resp: 71633
Ion Ratio Lower Upper
62 100
64 29.9 26.1 39.1

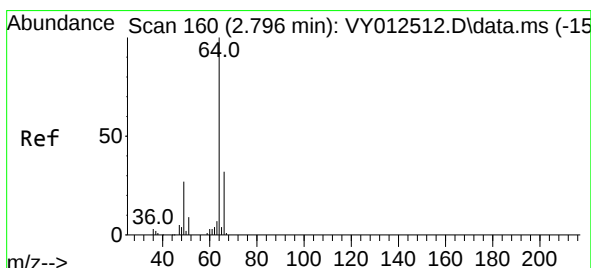
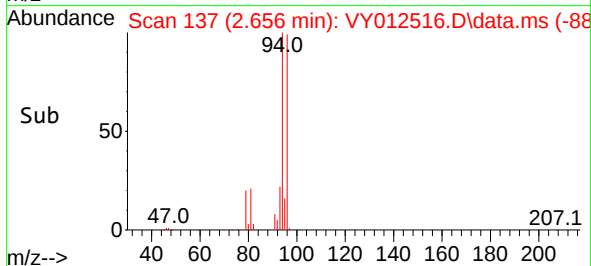
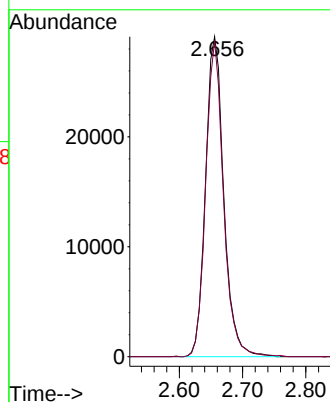
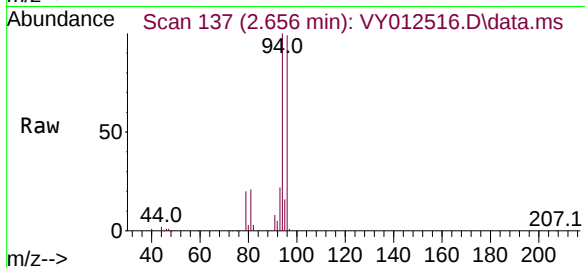




#5
Bromomethane
Concen: 52.043 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

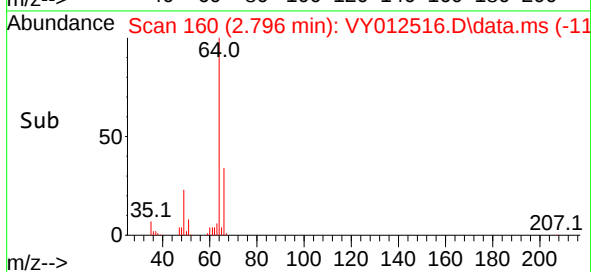
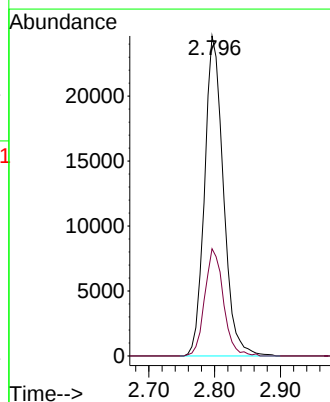
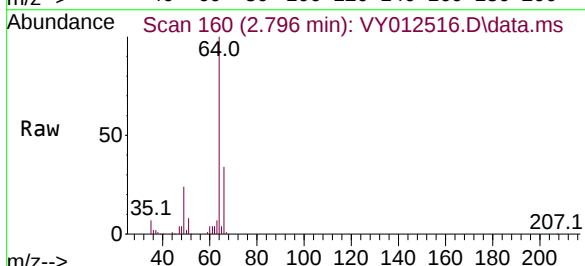
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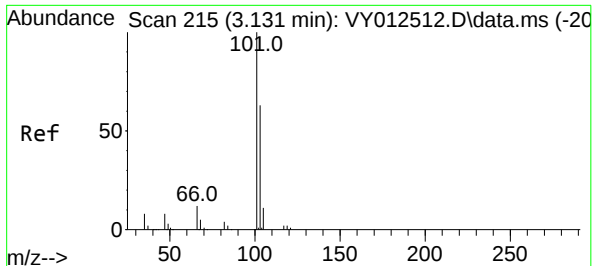
Tgt Ion: 94 Resp: 58415
Ion Ratio Lower Upper
94 100
96 98.7 74.7 112.1



#6
Chloroethane
Concen: 45.796 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 64 Resp: 49124
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5

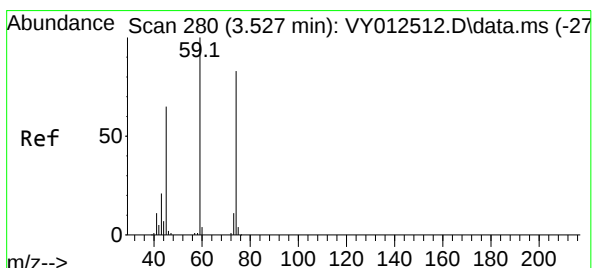
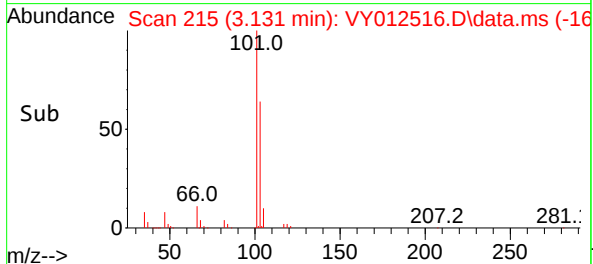
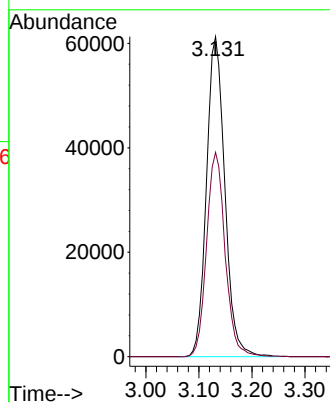
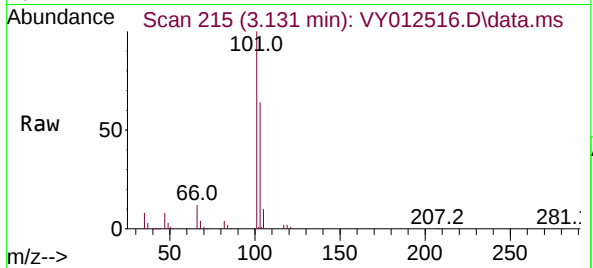




#7
Trichlorofluoromethane
Concen: 46.486 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

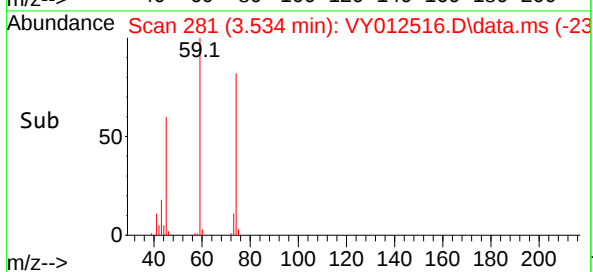
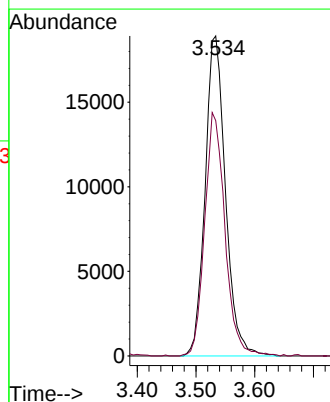
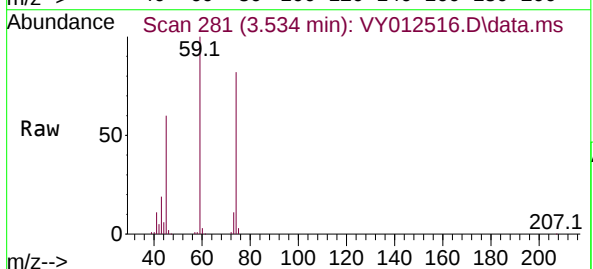
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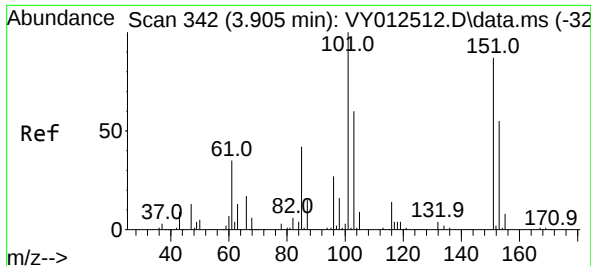
Tgt Ion:101 Resp: 147250
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1



#8
Diethyl Ether
Concen: 48.466 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.007 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 74 Resp: 45522
Ion Ratio Lower Upper
74 100
45 75.9 37.8 113.4

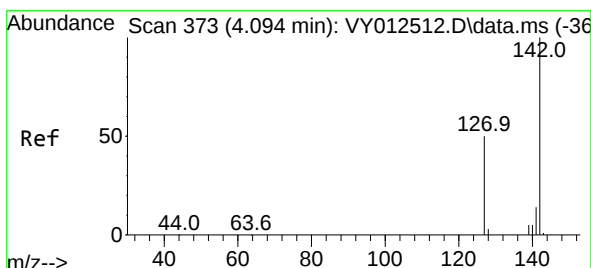
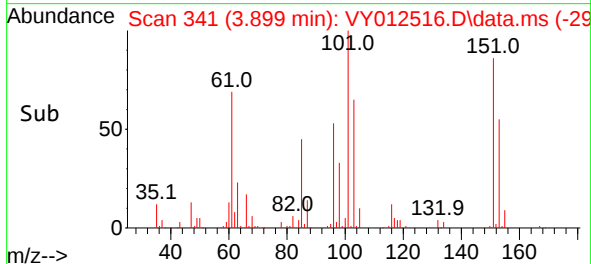
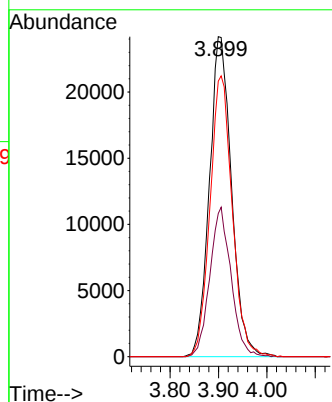
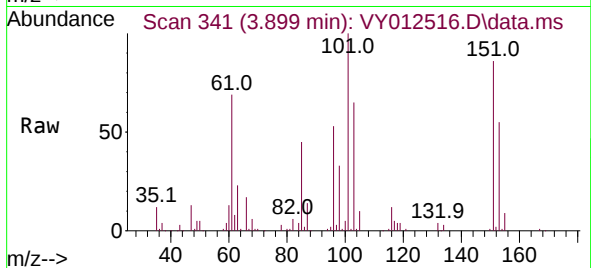




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.962 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012516.D
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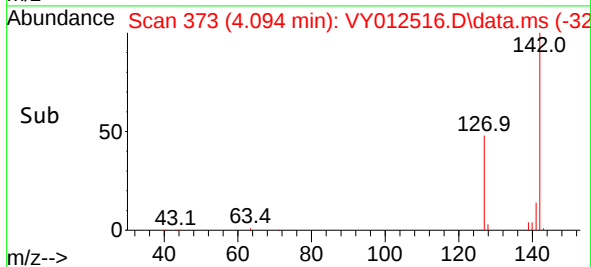
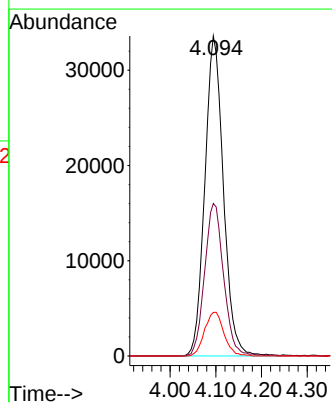
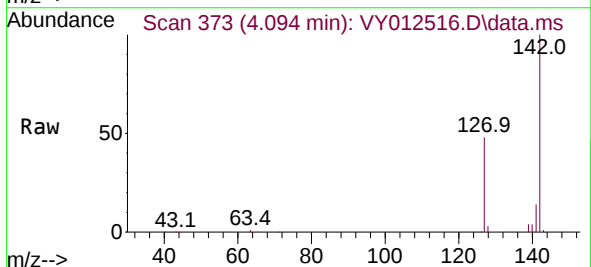
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

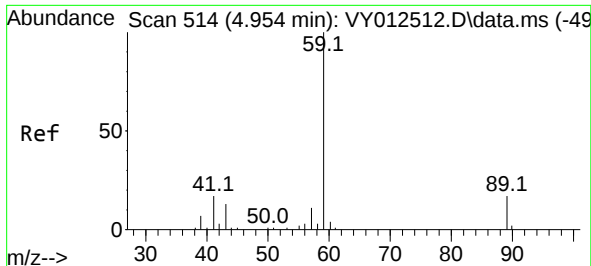
Tgt Ion:101 Resp: 76718
Ion Ratio Lower Upper
101 100
85 44.8 36.1 54.1
151 88.2 70.7 106.1



#10
Methyl Iodide
Concen: 45.728 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion:142 Resp: 94823
Ion Ratio Lower Upper
142 100
127 48.8 39.8 59.6
141 14.2 11.6 17.4

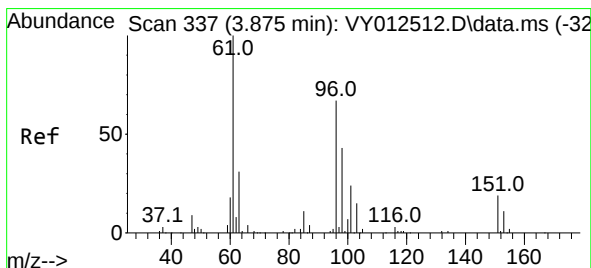
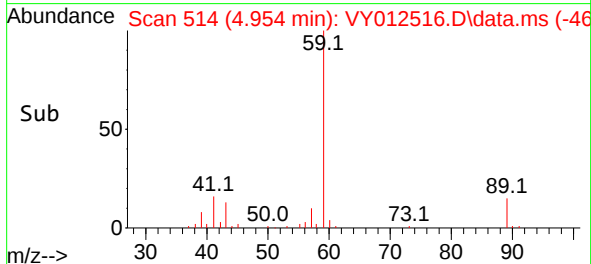
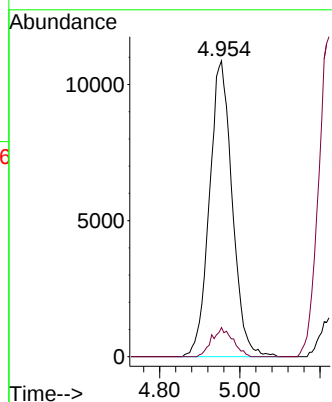
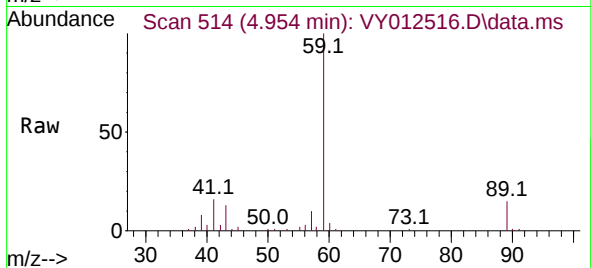




#11
Tert butyl alcohol
Concen: 218.768 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

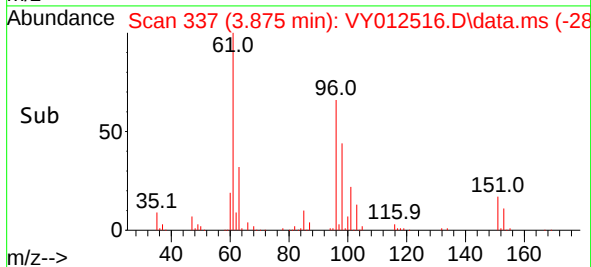
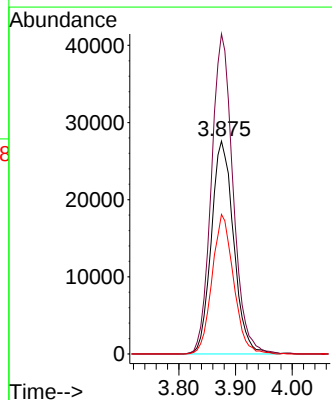
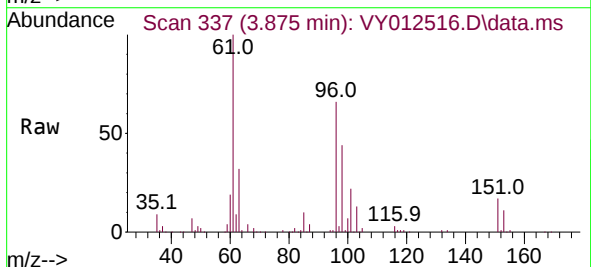
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

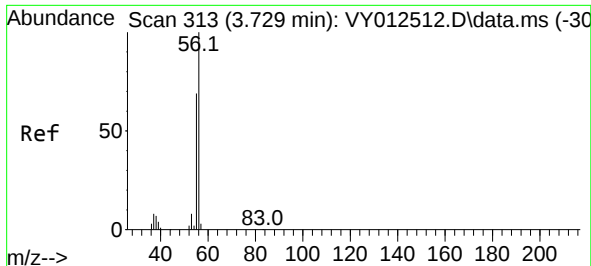
Tgt Ion: 59 Resp: 42863
Ion Ratio Lower Upper
59 100
57 9.0 7.2 10.8



#12
1,1-Dichloroethene
Concen: 47.679 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 96 Resp: 75355
Ion Ratio Lower Upper
96 100
61 150.4 119.4 179.2
98 65.6 51.9 77.9





#13

Acrolein

Concen: 236.825 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

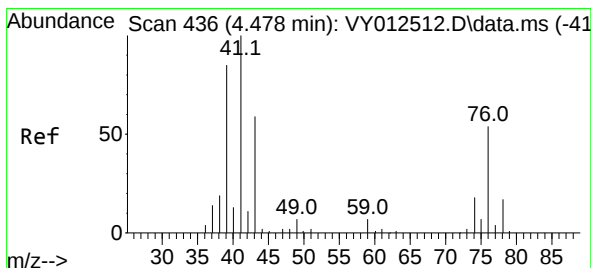
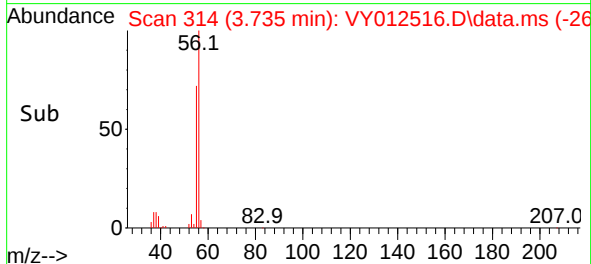
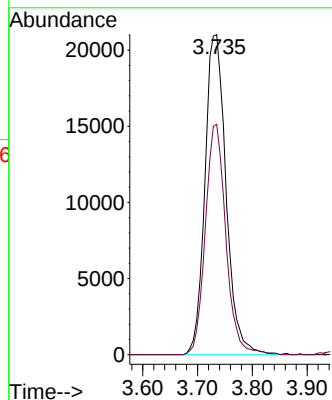
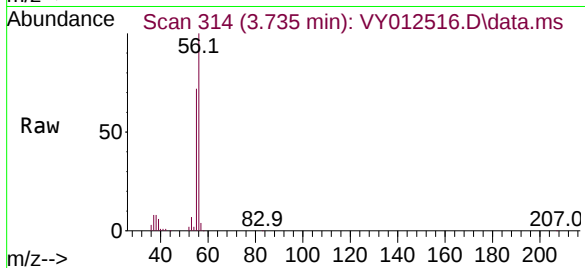
ICVVY020723

Tgt Ion: 56 Resp: 56206

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 50.087 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

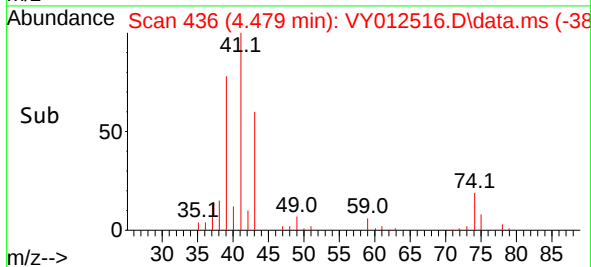
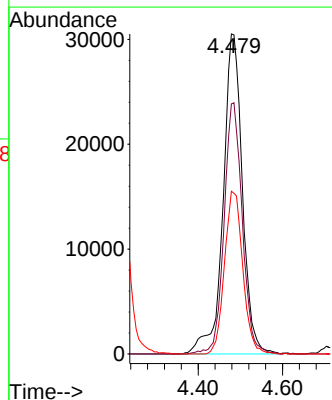
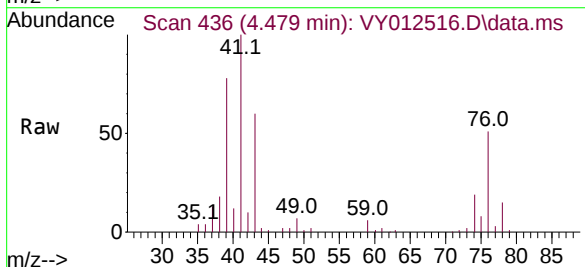
Tgt Ion: 41 Resp: 96520

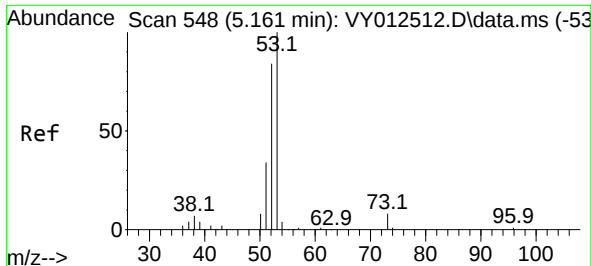
Ion Ratio Lower Upper

41 100

39 74.3 62.6 94.0

76 48.3 39.6 59.4

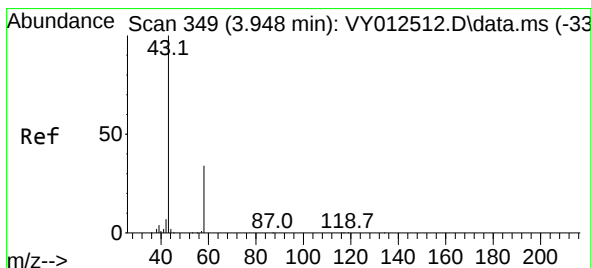
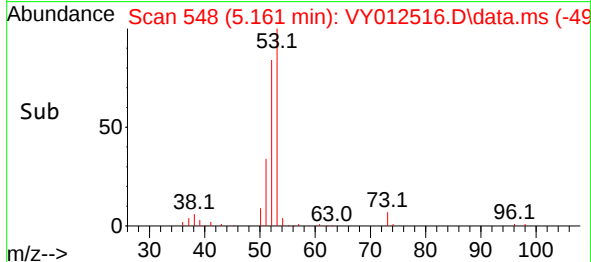
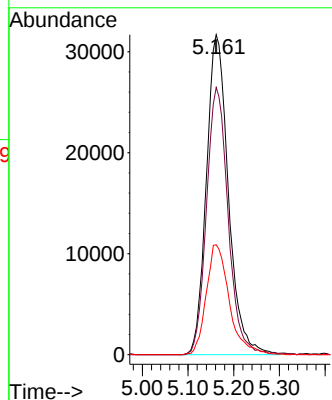
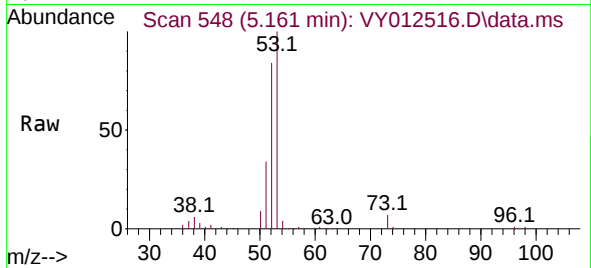




#15
Acrylonitrile
Concen: 245.055 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

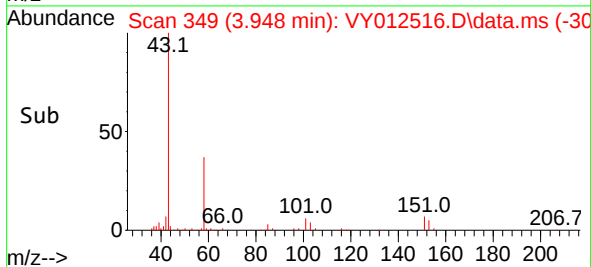
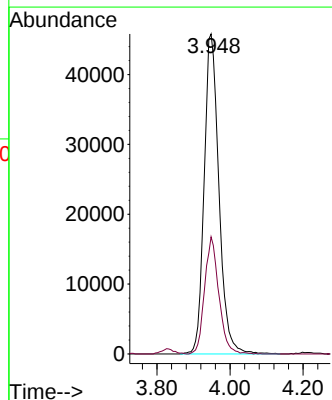
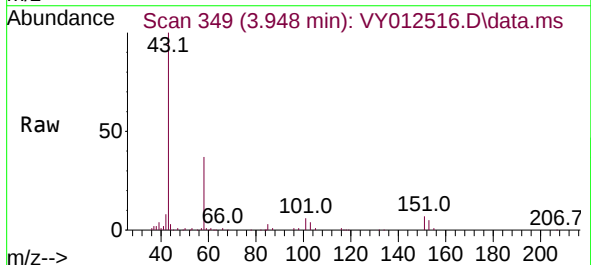
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

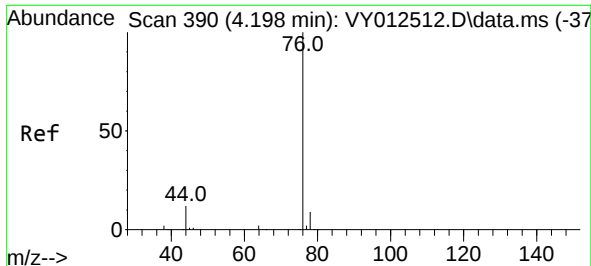
Tgt Ion: 53 Resp: 106190
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 36.1 28.7 43.1



#16
Acetone
Concen: 264.294 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 43 Resp: 128420
Ion Ratio Lower Upper
43 100
58 36.6 27.1 40.7

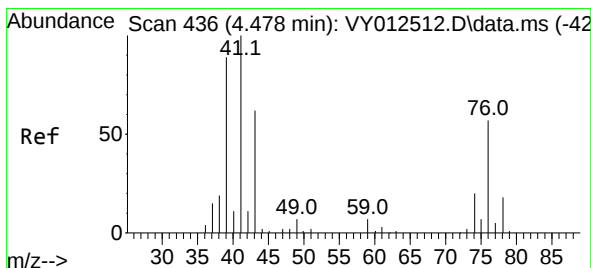
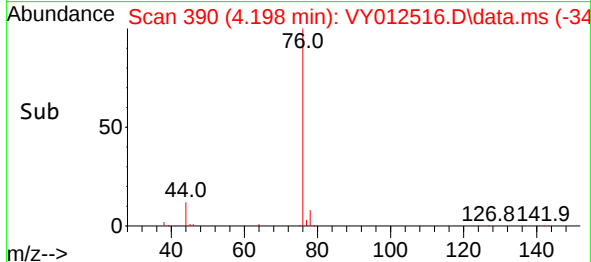
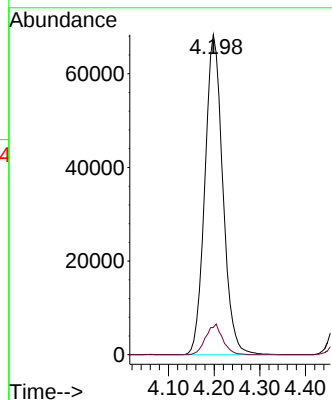
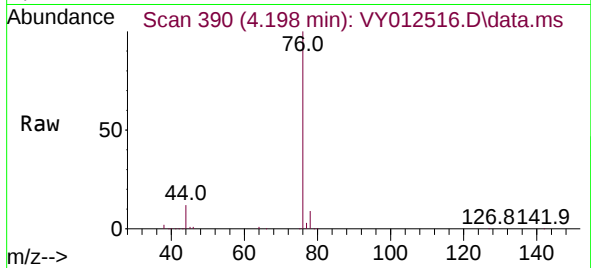




#17
Carbon Disulfide
Concen: 45.429 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

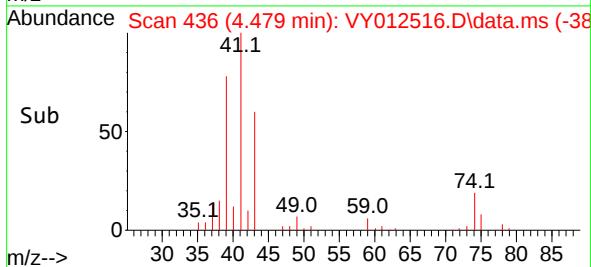
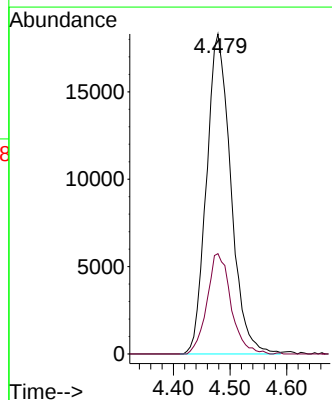
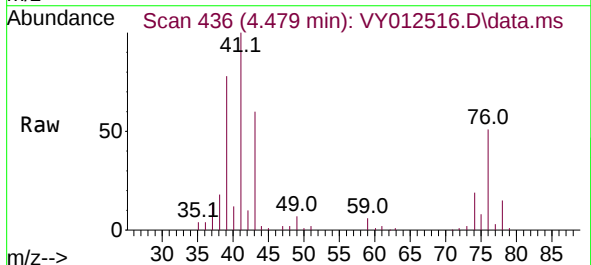
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

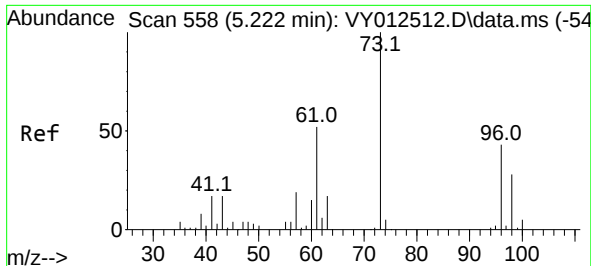
Tgt Ion: 76 Resp: 186231
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 46.797 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 43 Resp: 54654
Ion Ratio Lower Upper
43 100
74 30.8 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 49.550 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

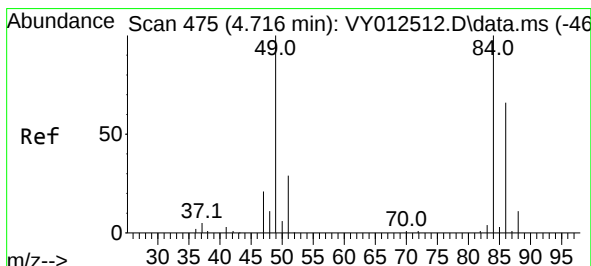
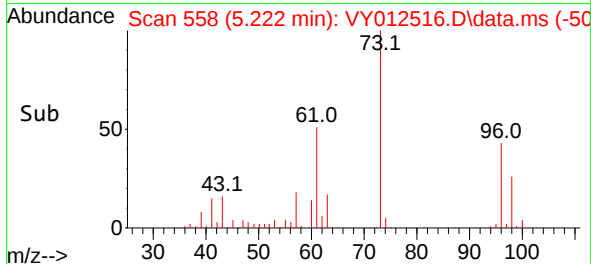
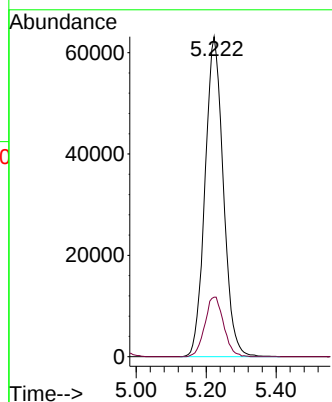
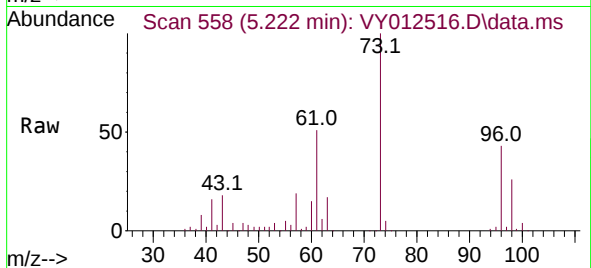
ICVVY020723

Tgt Ion: 73 Resp: 229157

Ion Ratio Lower Upper

73 100

57 18.6 15.3 22.9



#20

Methylene Chloride

Concen: 48.565 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Tgt Ion: 84 Resp: 88376

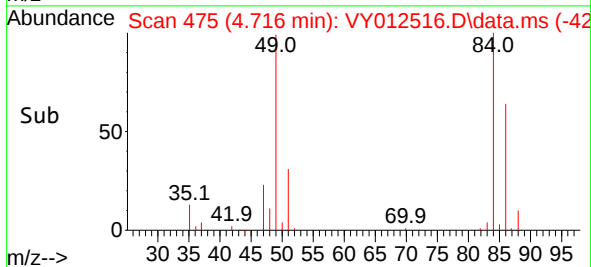
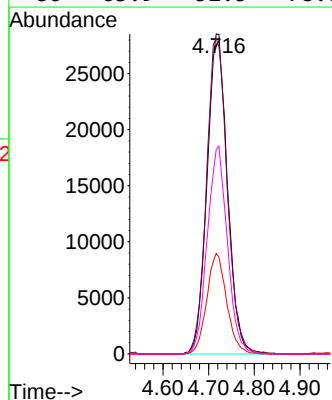
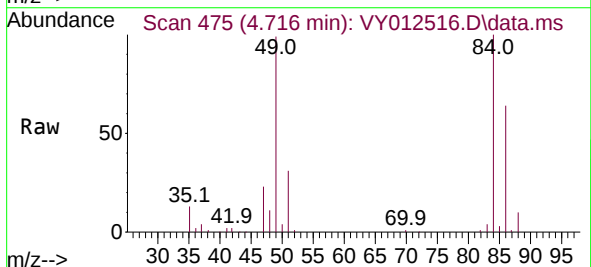
Ion Ratio Lower Upper

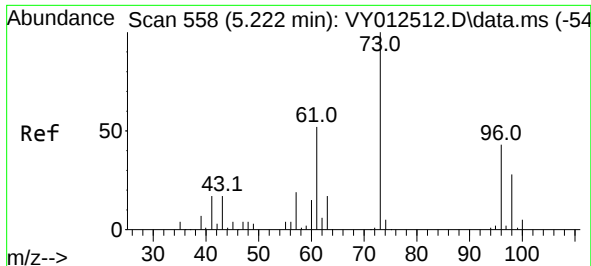
84 100

49 98.6 79.8 119.6

51 31.4 23.4 35.2

86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.341 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

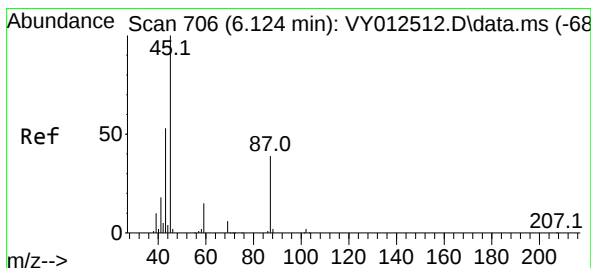
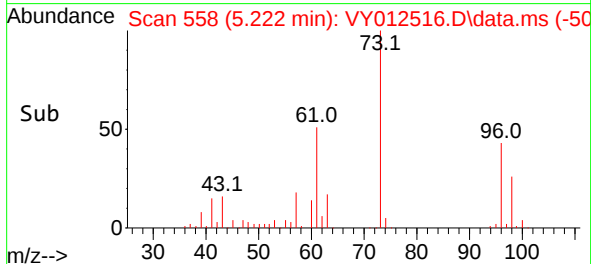
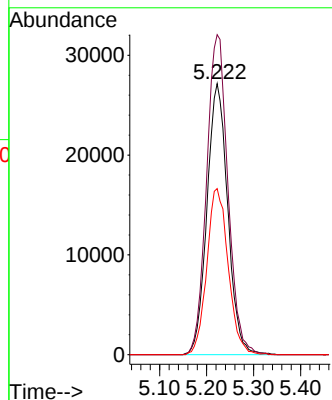
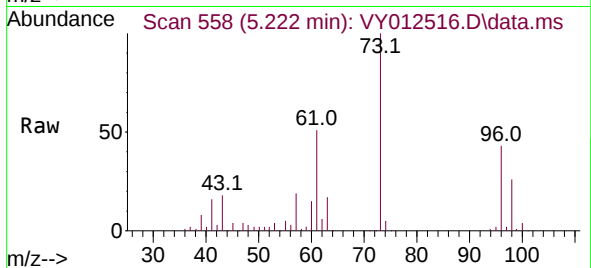
Tgt Ion: 96 Resp: 83324

Ion Ratio Lower Upper

96 100

61 118.1 96.2 144.4

98 61.3 51.6 77.4



#22

Diisopropyl ether

Concen: 51.163 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Tgt Ion: 45 Resp: 200473

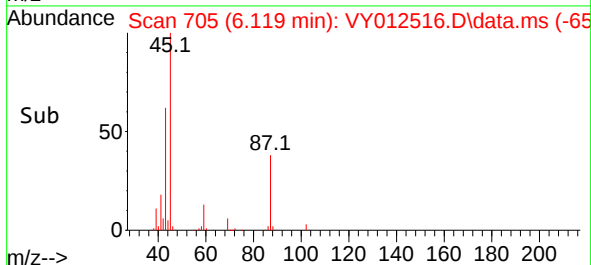
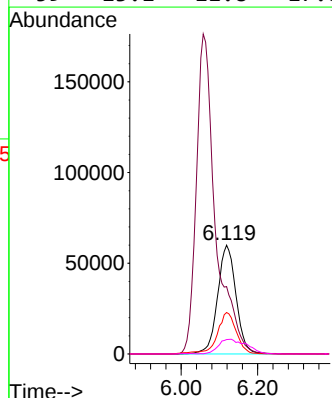
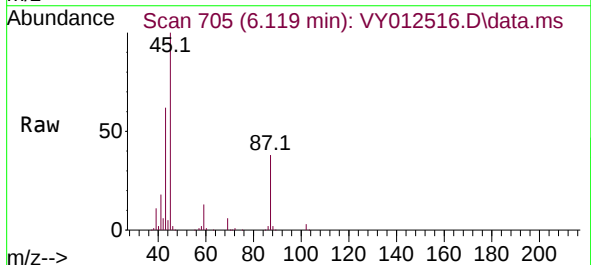
Ion Ratio Lower Upper

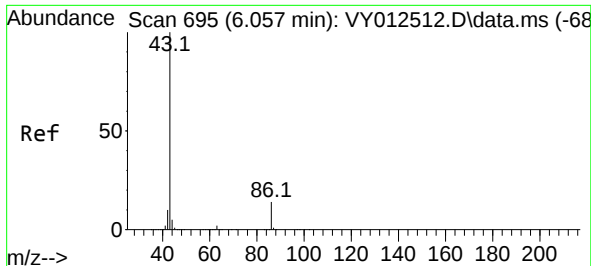
45 100

43 61.7 45.9 68.9

87 38.1 32.2 48.4

59 13.1 11.8 17.8

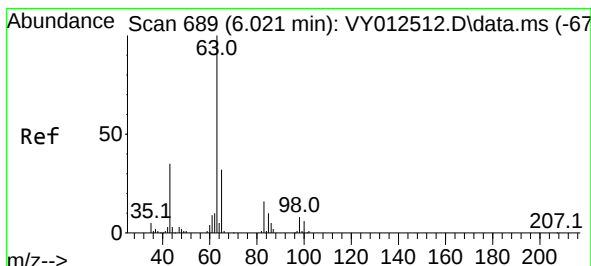
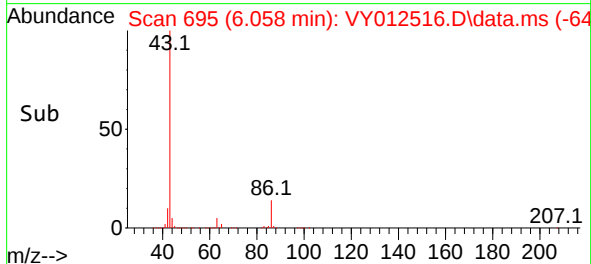
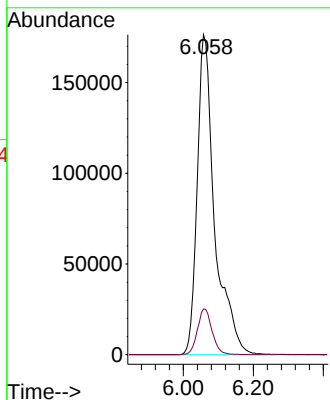
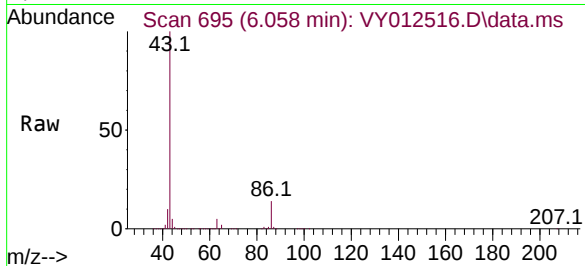




#23
 Vinyl Acetate
 Concen: 259.310 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY012516.D
 Acq: 07 Feb 2023 13:41

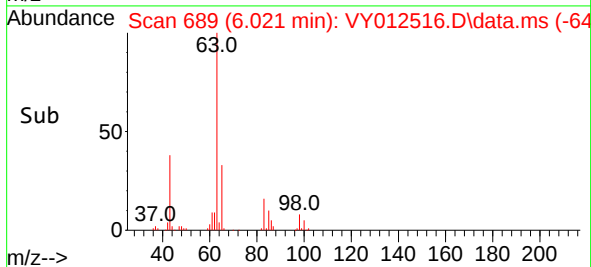
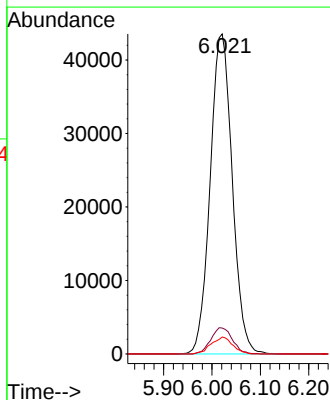
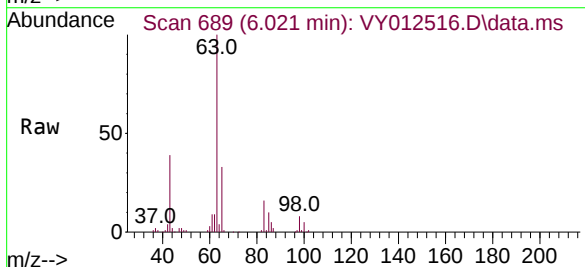
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020723

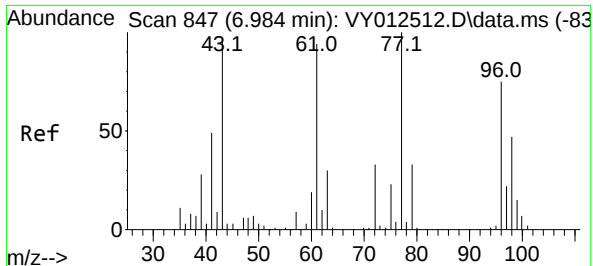
Tgt Ion: 43 Resp: 612528
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 49.273 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012516.D
 Acq: 07 Feb 2023 13:41

Tgt Ion: 63 Resp: 138020
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 5.3 2.9 8.8





#25

2-Butanone

Concen: 251.742 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

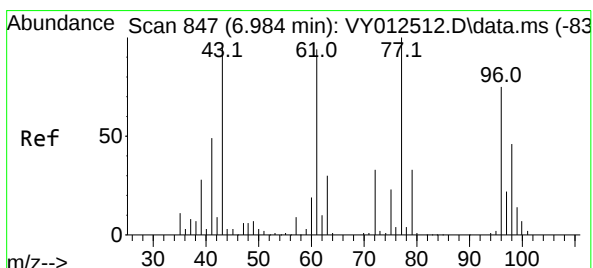
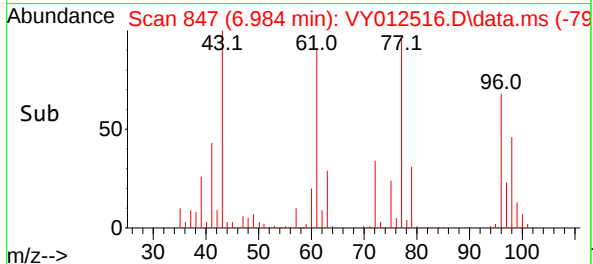
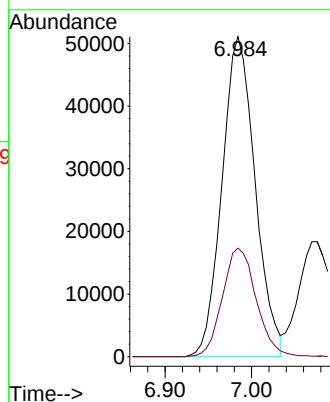
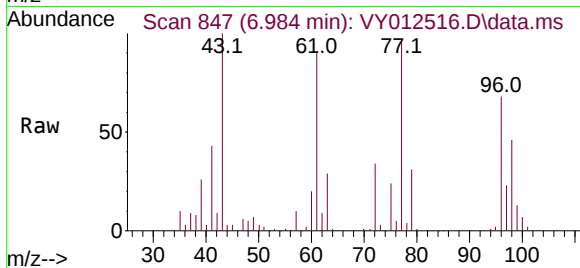
ICVVY020723

Tgt Ion: 43 Resp: 135716

Ion Ratio Lower Upper

43 100

72 33.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 48.036 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012516.D

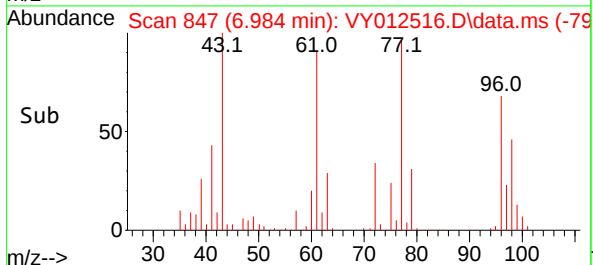
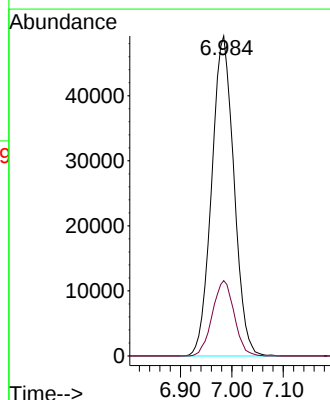
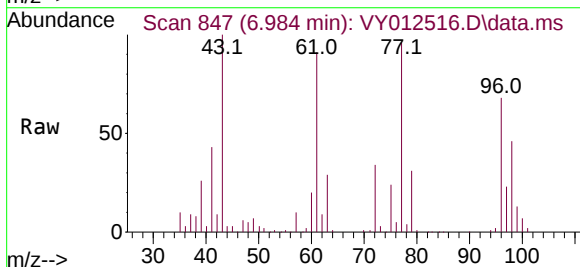
Acq: 07 Feb 2023 13:41

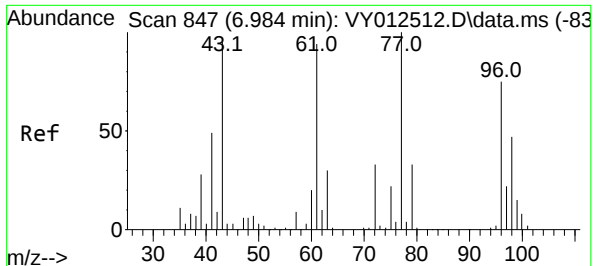
Tgt Ion: 77 Resp: 147835

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

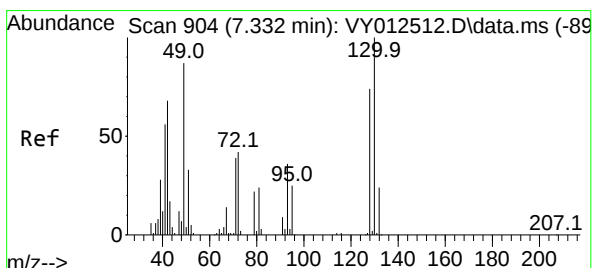
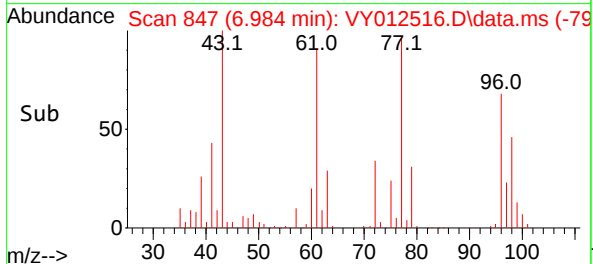
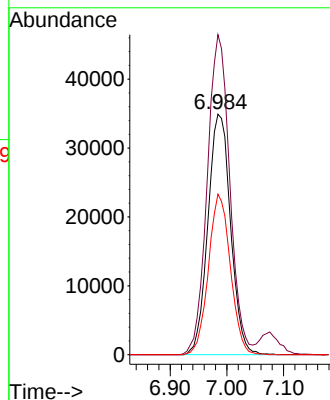
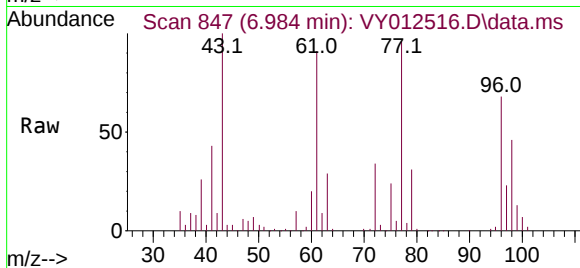
Tgt Ion: 96 Resp: 97168

Ion Ratio Lower Upper

96 100

61 132.2 0.0 259.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 54.629 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

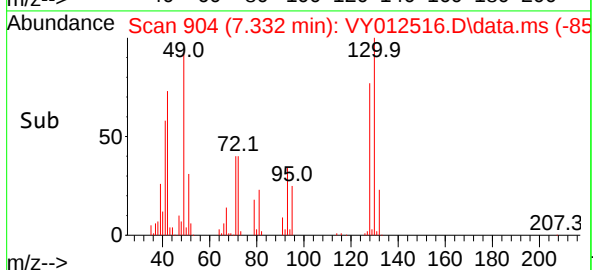
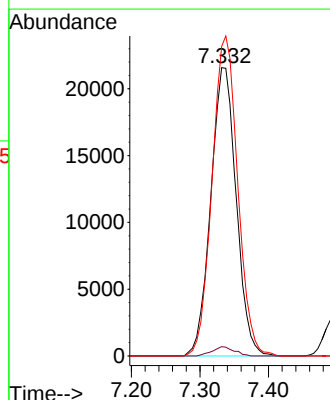
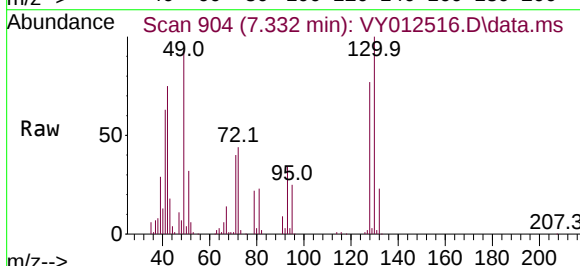
Tgt Ion: 49 Resp: 55624

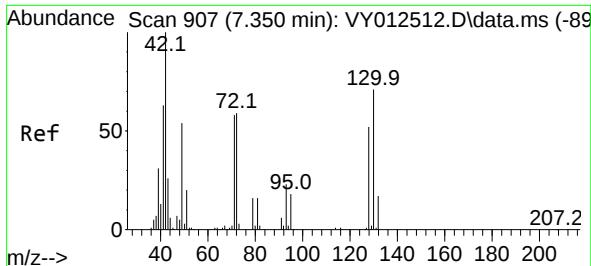
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 111.5 93.1 139.7





#29

Tetrahydrofuran

Concen: 248.621 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

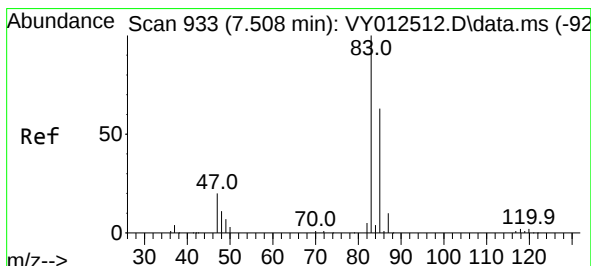
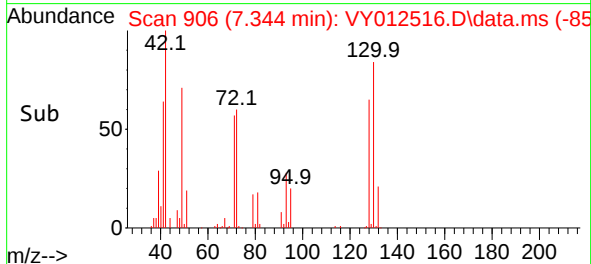
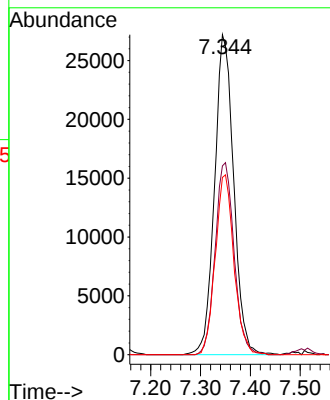
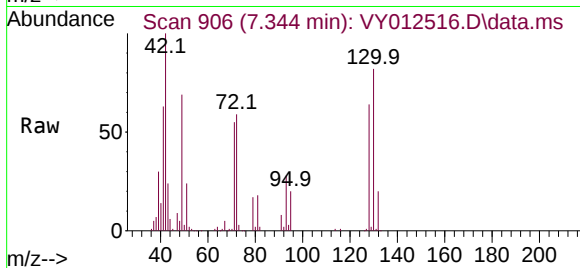
Tgt Ion: 42 Resp: 72461

Ion Ratio Lower Upper

42 100

72 59.4 47.0 70.6

71 54.8 44.6 66.8



#30

Chloroform

Concen: 47.701 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012516.D

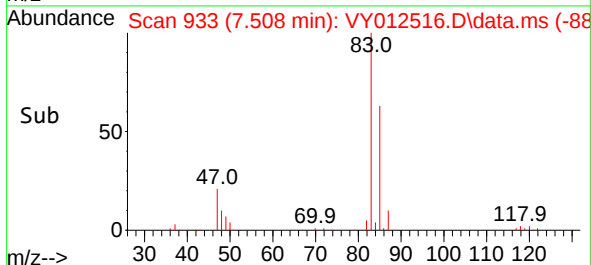
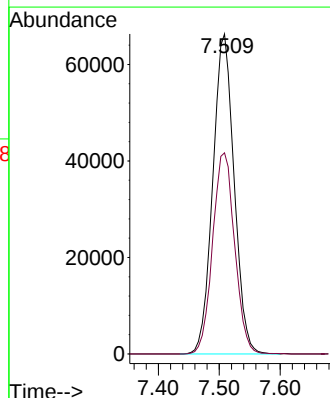
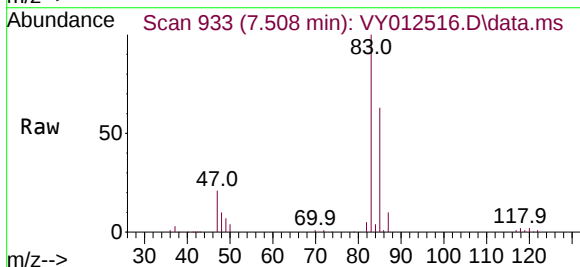
Acq: 07 Feb 2023 13:41

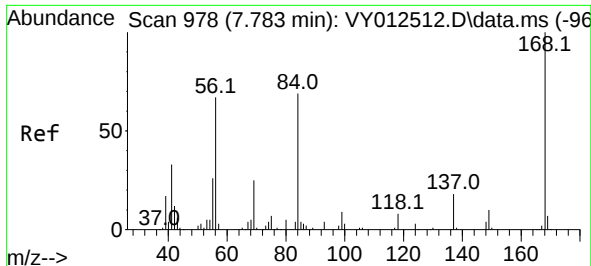
Tgt Ion: 83 Resp: 161096

Ion Ratio Lower Upper

83 100

85 62.9 50.8 76.2

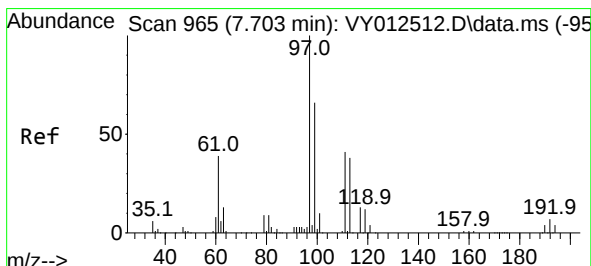
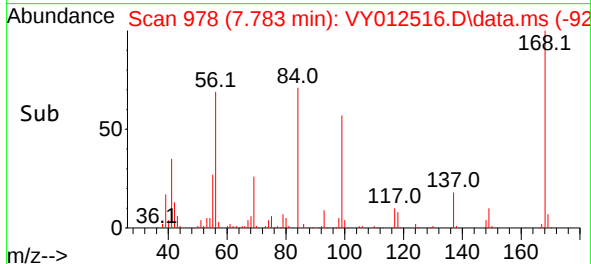
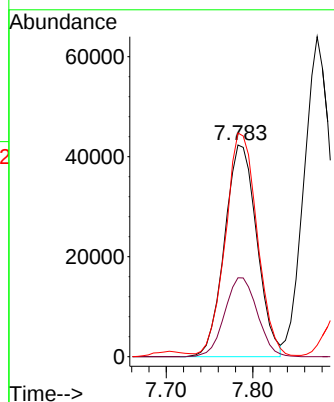
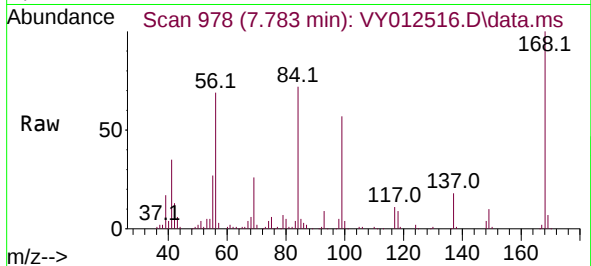




#31
Cyclohexane
Concen: 47.030 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

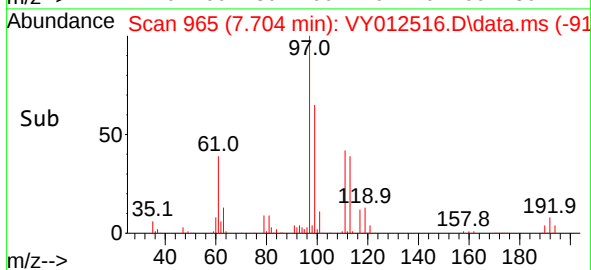
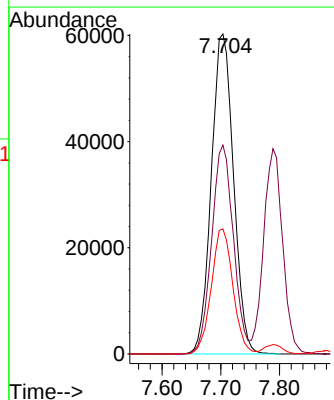
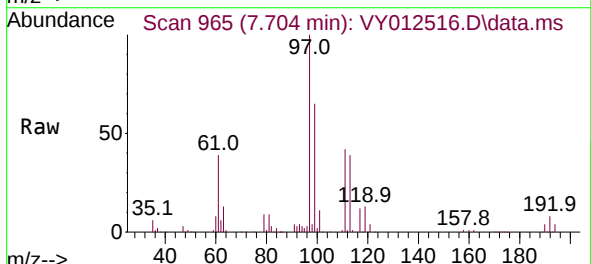
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

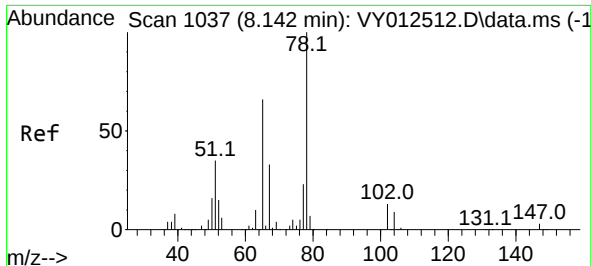
Tgt Ion: 56 Resp: 109773
Ion Ratio Lower Upper
56 100
69 37.3 29.5 44.3
84 103.7 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 48.314 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 97 Resp: 158333
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 38.1 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

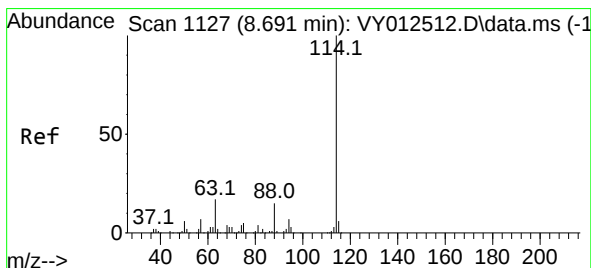
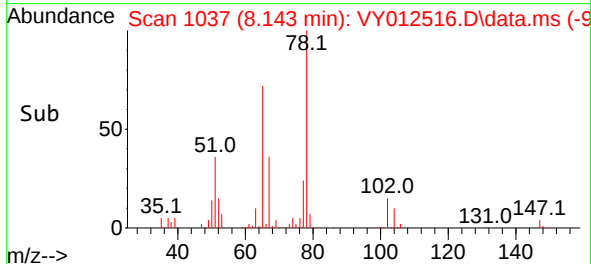
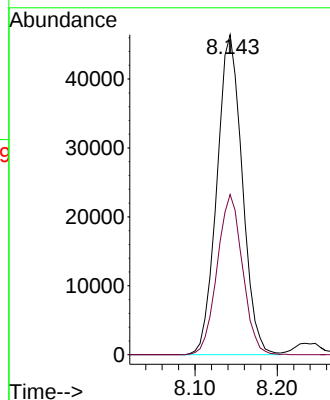
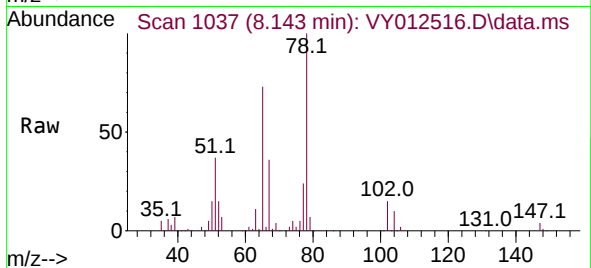
ICVVY020723

Tgt Ion: 65 Resp: 99510

Ion Ratio Lower Upper

65 100

67 49.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

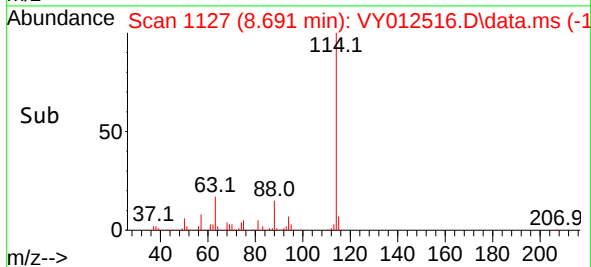
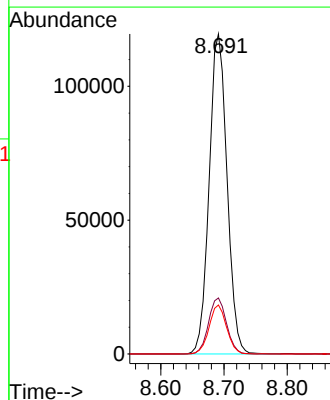
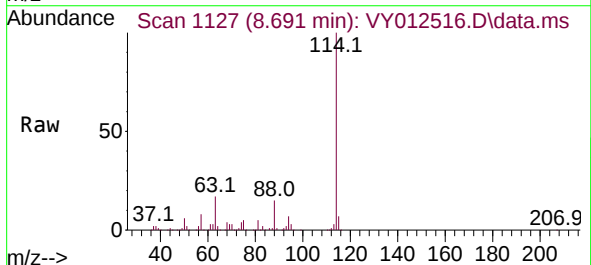
Tgt Ion: 114 Resp: 234604

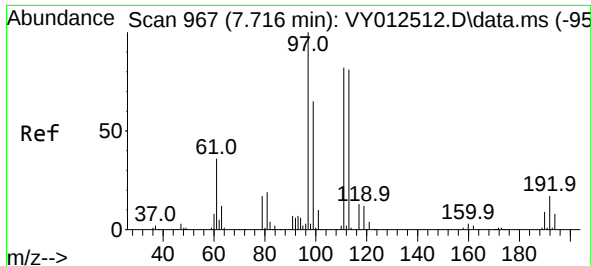
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.6

88 15.3 0.0 29.8

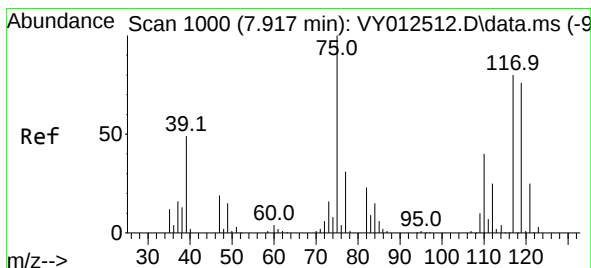
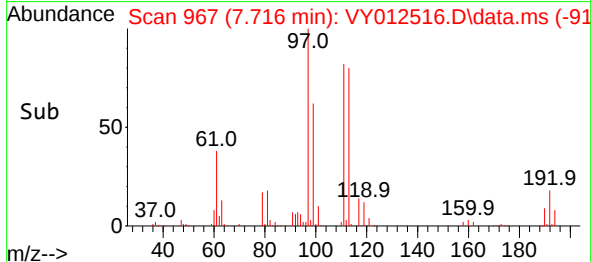
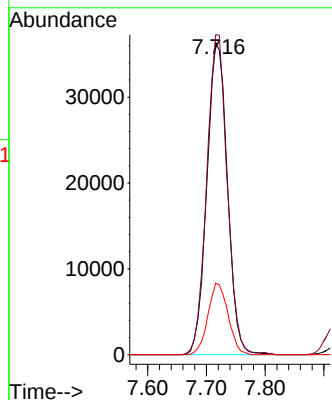
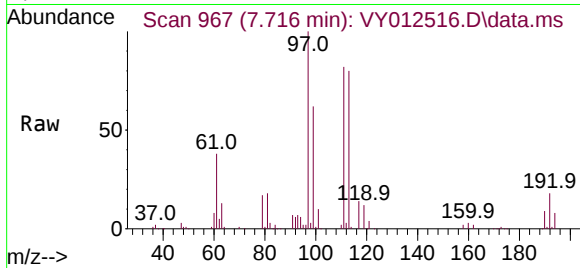




#35
Dibromofluoromethane
Concen: 51.697 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

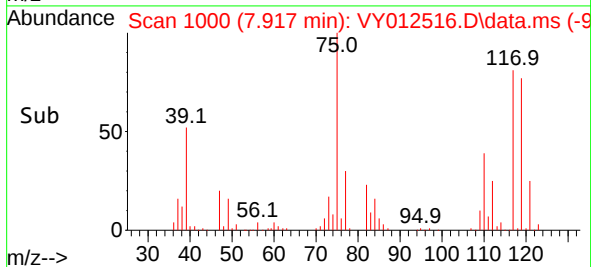
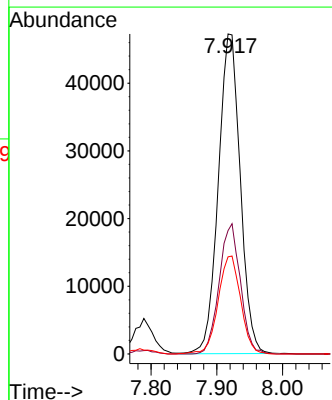
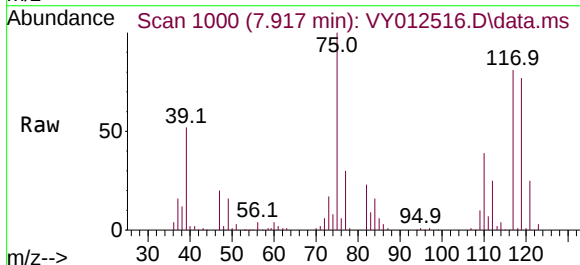
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

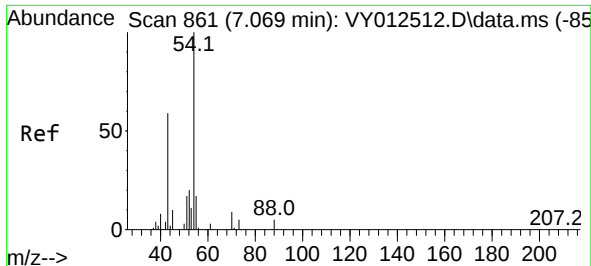
Tgt Ion:113 Resp: 88326
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 47.443 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 75 Resp: 109703
Ion Ratio Lower Upper
75 100
110 39.4 19.5 58.5
77 31.4 24.9 37.3





#37

Ethyl Acetate

Concen: 48.727 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

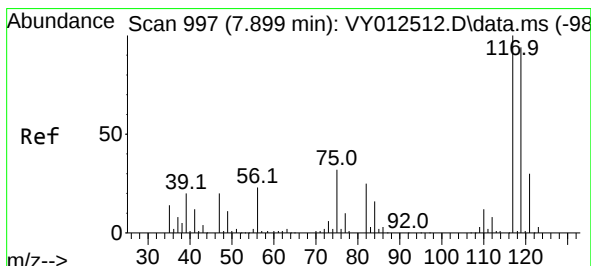
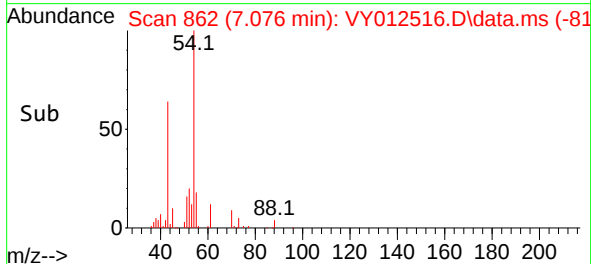
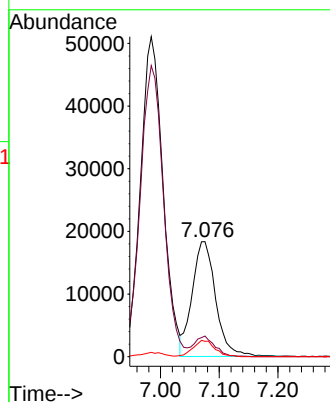
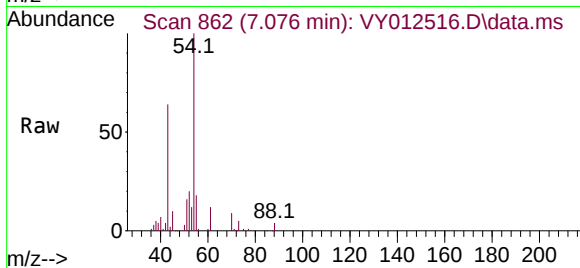
Tgt Ion: 43 Resp: 50841

Ion Ratio Lower Upper

43 100

61 15.8 12.5 18.7

70 13.1 11.0 16.4



#38

Carbon Tetrachloride

Concen: 47.625 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

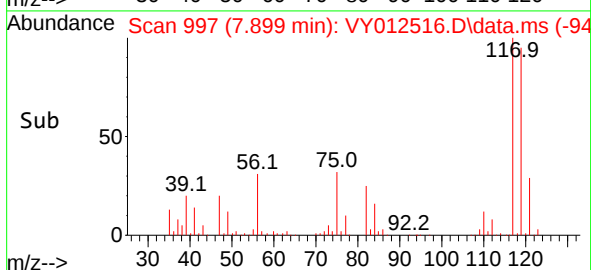
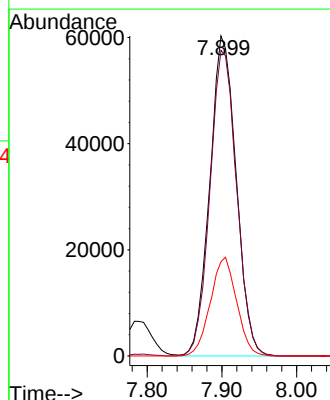
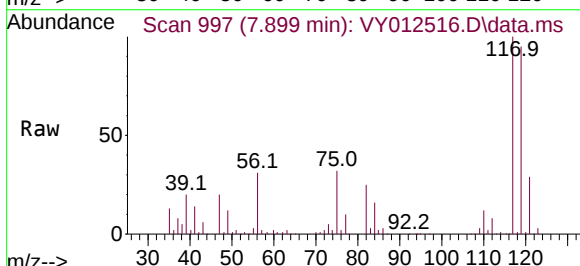
Tgt Ion: 117 Resp: 147827

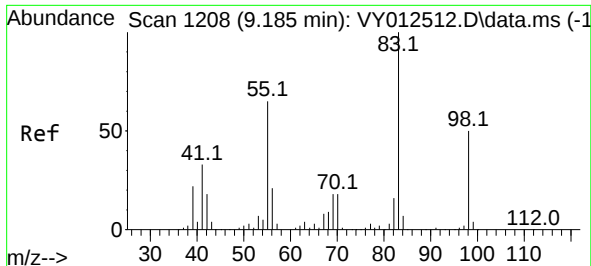
Ion Ratio Lower Upper

117 100

119 95.5 75.1 112.7

121 29.4 24.3 36.5





#39

Methylcyclohexane

Concen: 48.667 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

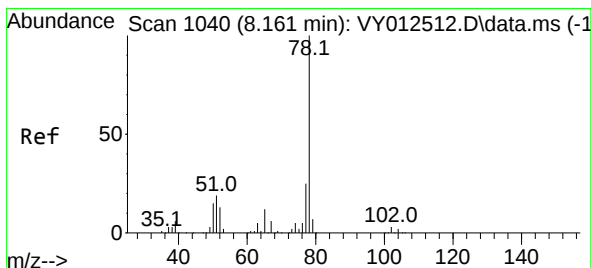
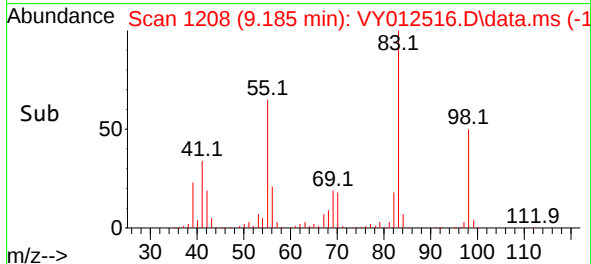
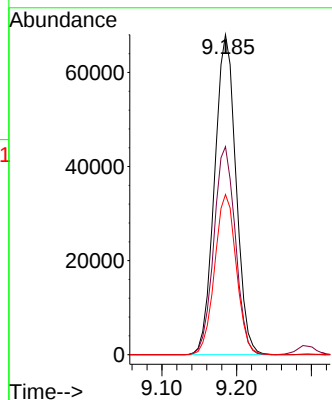
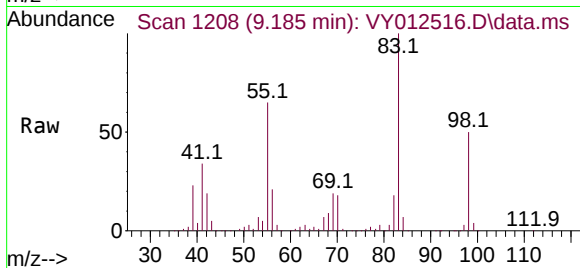
Tgt Ion: 83 Resp: 135414

Ion Ratio Lower Upper

83 100

55 65.0 52.0 78.0

98 50.1 40.4 60.6



#40

Benzene

Concen: 48.481 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012516.D

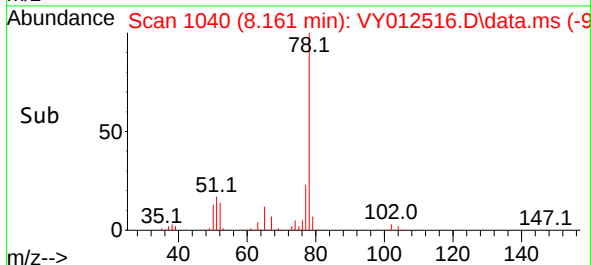
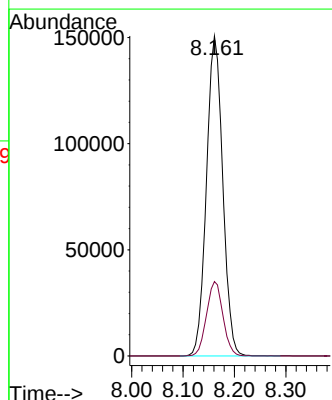
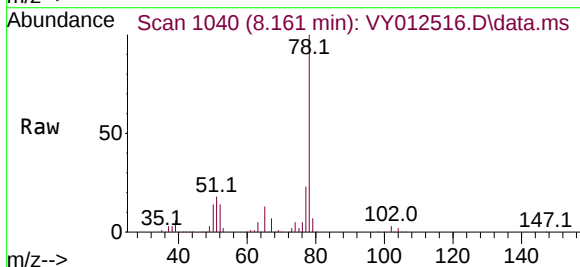
Acq: 07 Feb 2023 13:41

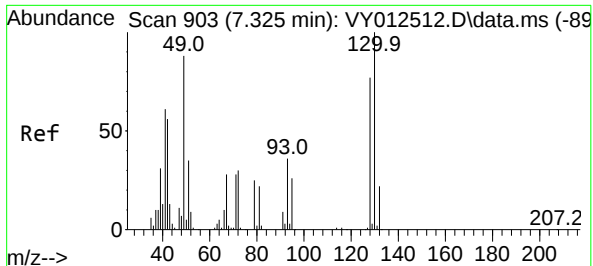
Tgt Ion: 78 Resp: 331108

Ion Ratio Lower Upper

78 100

77 23.3 19.9 29.9

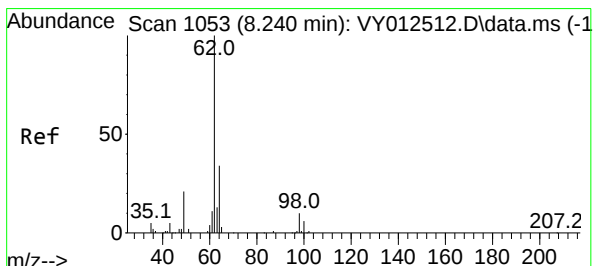
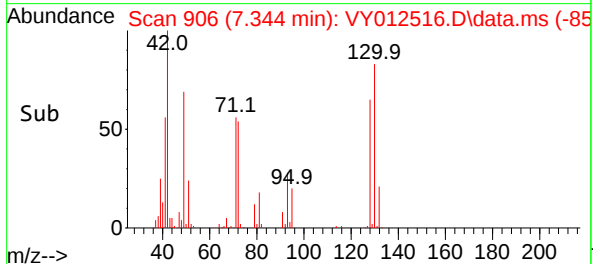
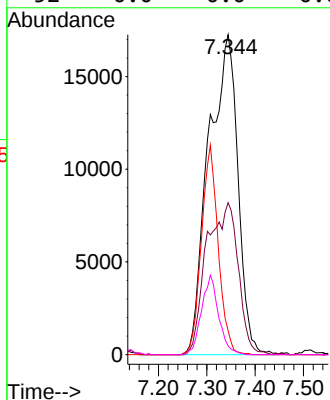
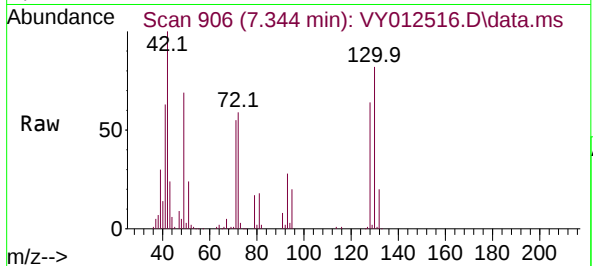




#41
Methacrylonitrile
Concen: 126.981 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

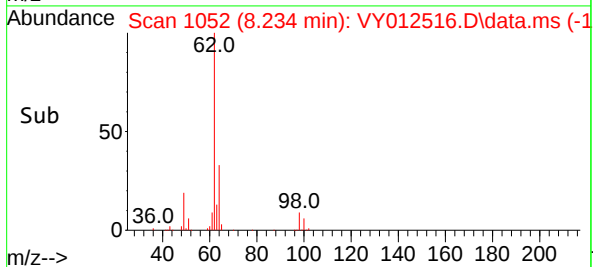
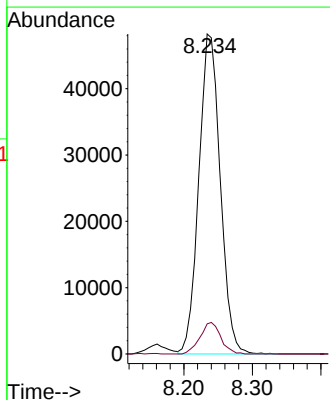
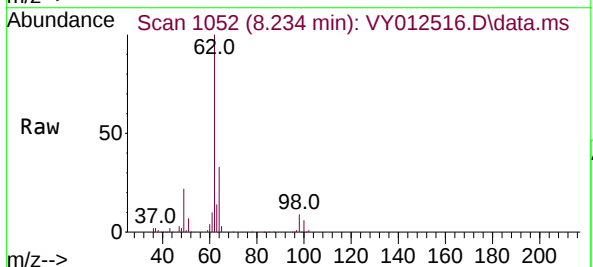
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

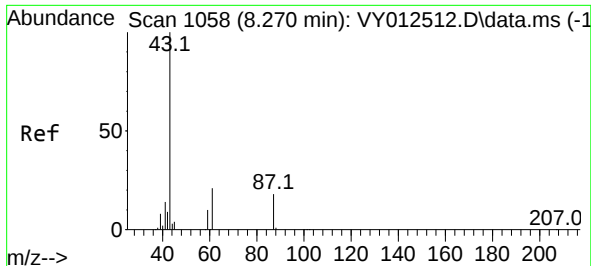
Tgt Ion: 41 Resp: 72586
Ion Ratio Lower Upper
41 100
39 51.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.498 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 62 Resp: 105143
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2

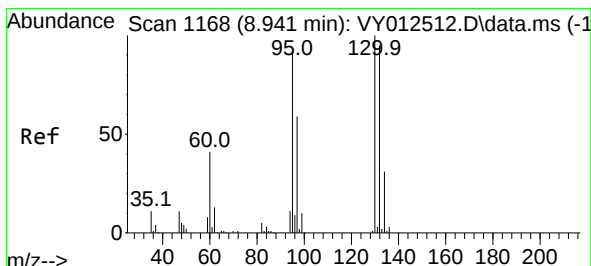
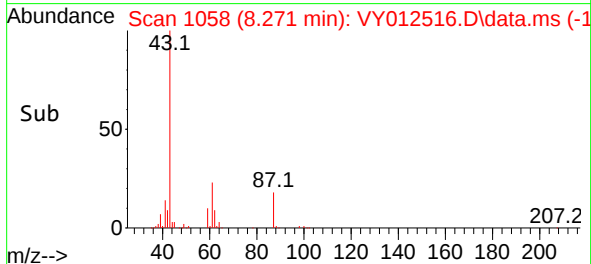
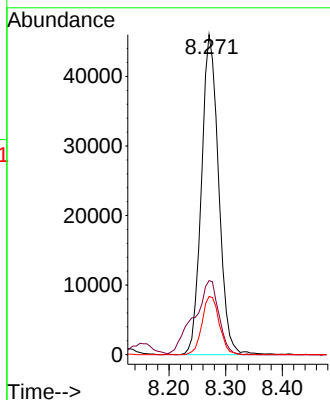
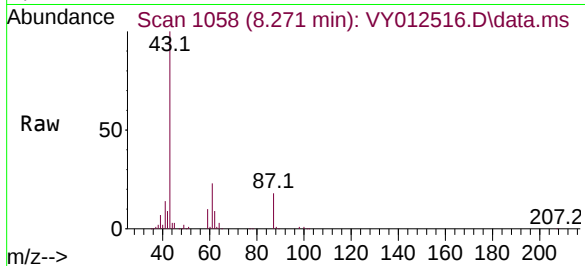




#43
Isopropyl Acetate
Concen: 49.950 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

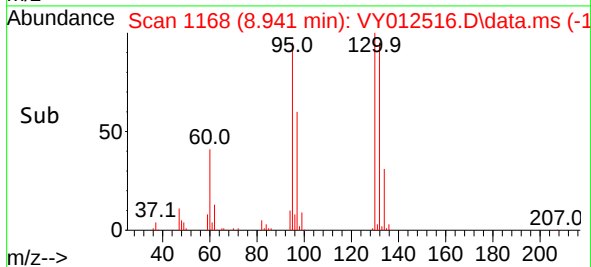
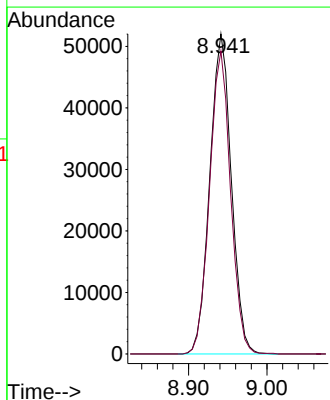
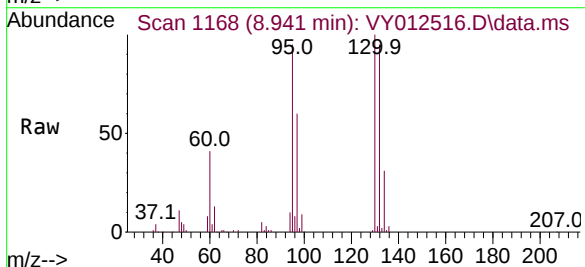
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

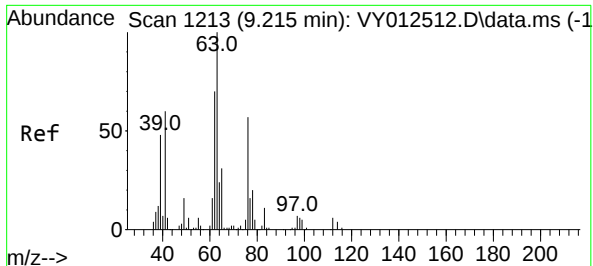
Tgt Ion: 43 Resp: 96630
Ion Ratio Lower Upper
43 100
61 33.5 27.2 40.8
87 18.3 15.0 22.4



#44
Trichloroethene
Concen: 47.748 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 130 Resp: 99270
Ion Ratio Lower Upper
130 100
95 94.7 0.0 181.2





#45

1,2-Dichloropropane

Concen: 49.941 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

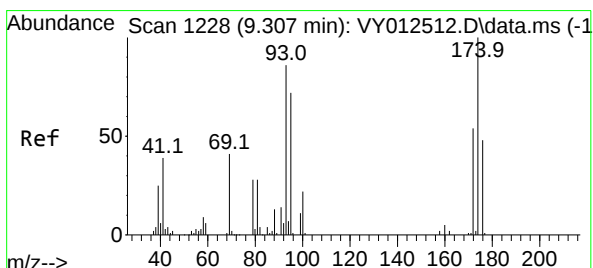
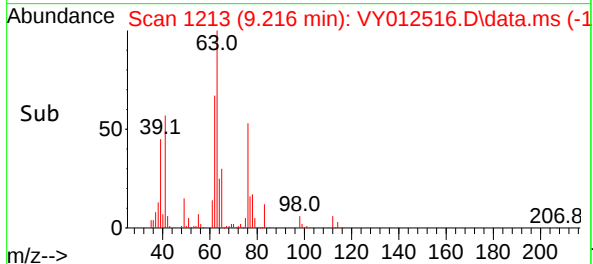
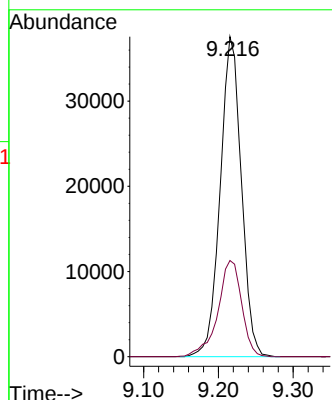
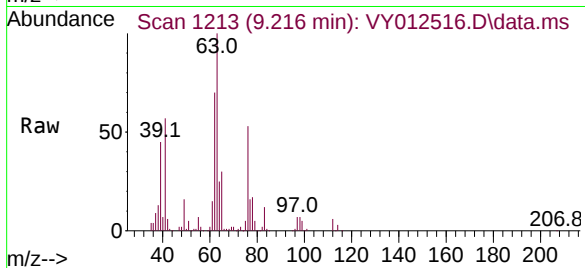
ICVVY020723

Tgt Ion: 63 Resp: 73959

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 48.262 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

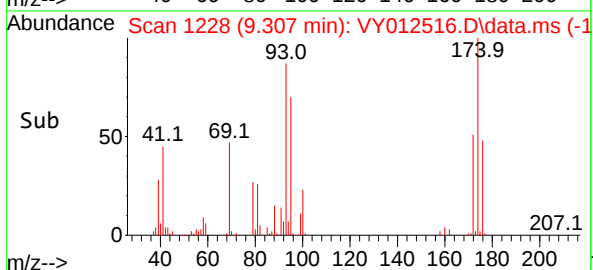
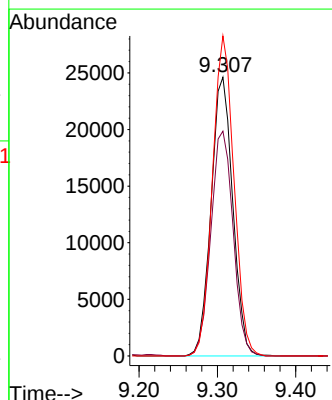
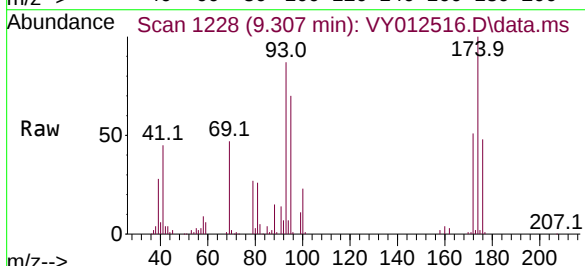
Tgt Ion: 93 Resp: 47325

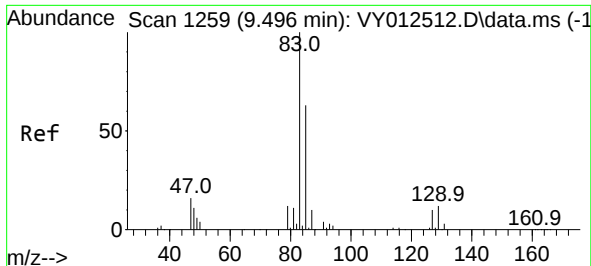
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 113.6 93.4 140.2

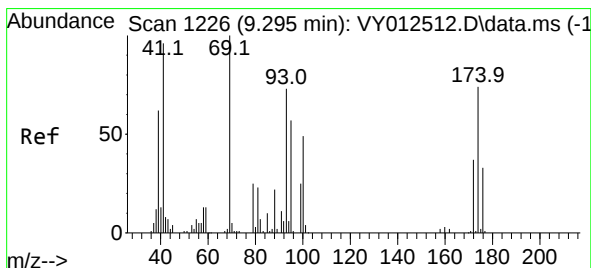
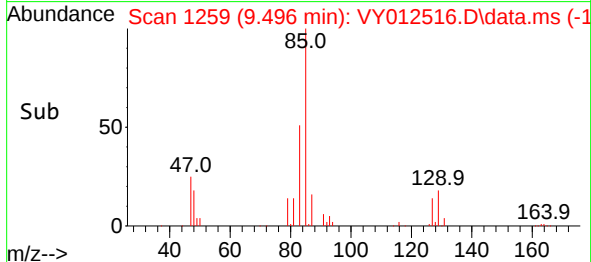
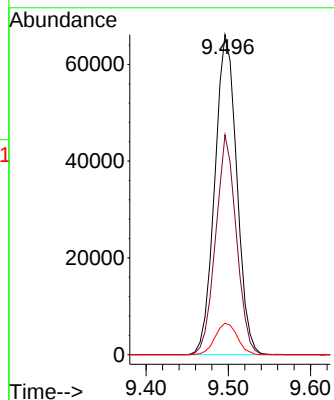
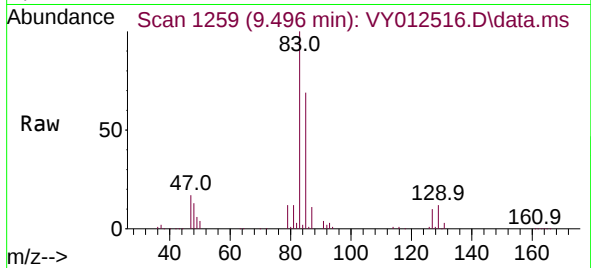




#47
Bromodichloromethane
Concen: 48.280 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

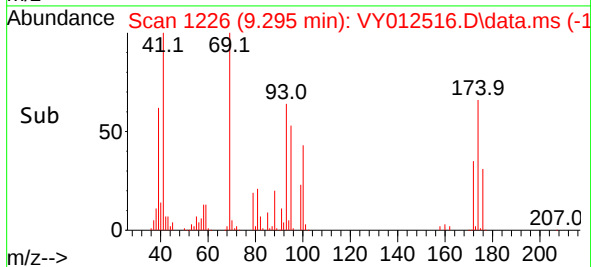
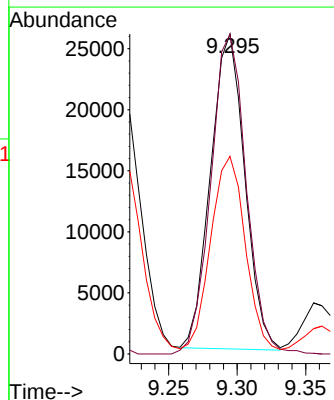
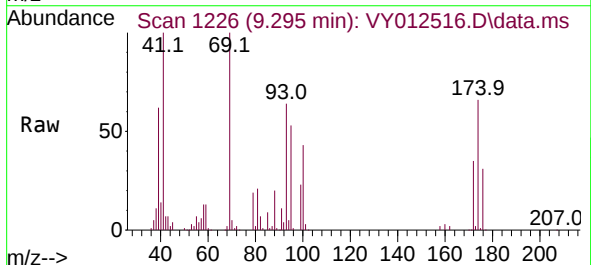
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

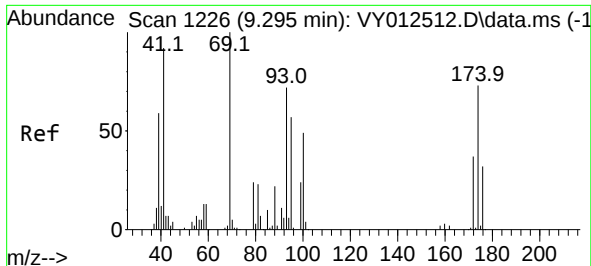
Tgt Ion: 83 Resp: 122751
Ion Ratio Lower Upper
83 100
85 68.7 50.7 76.1
127 9.8 8.1 12.1



#48
Methyl methacrylate
Concen: 50.576 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 41 Resp: 44723
Ion Ratio Lower Upper
41 100
69 105.0 85.4 128.2
39 64.8 52.7 79.1





#49

1,4-Dioxane

Concen: 976.626 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

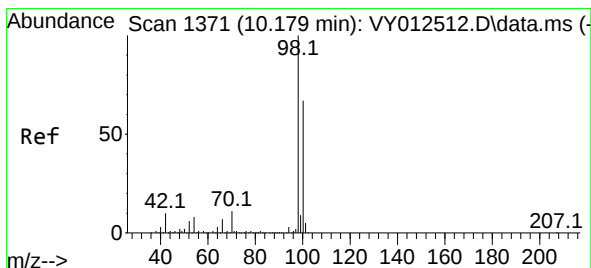
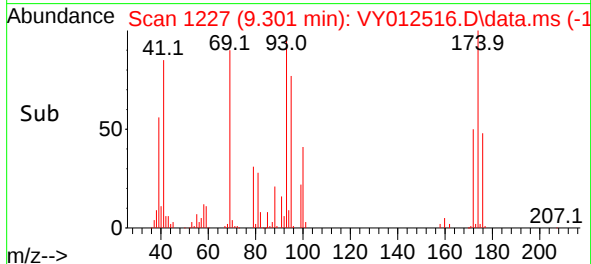
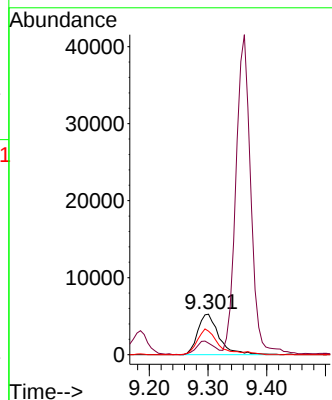
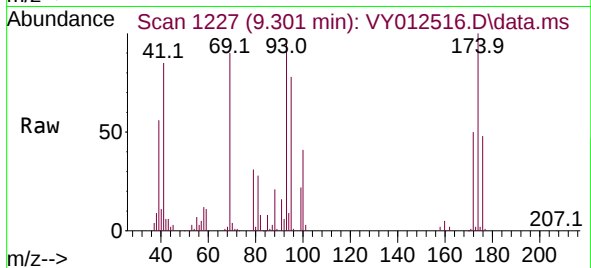
Tgt Ion: 88 Resp: 13220

Ion Ratio Lower Upper

88 100

43 29.0 22.6 33.8

58 59.7 45.4 68.0



#50

Toluene-d8

Concen: 51.340 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012516.D

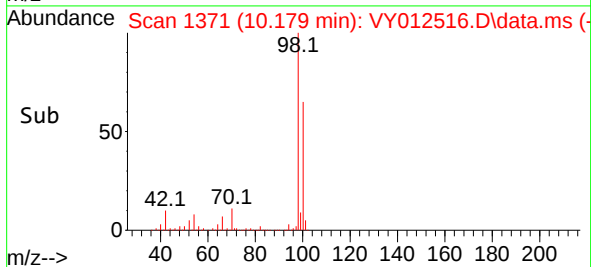
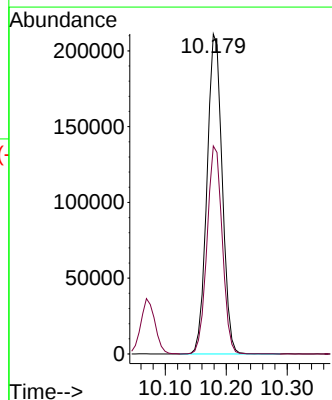
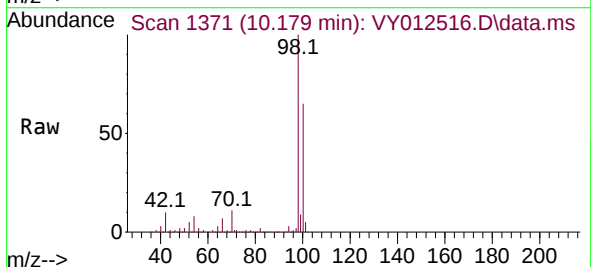
Acq: 07 Feb 2023 13:41

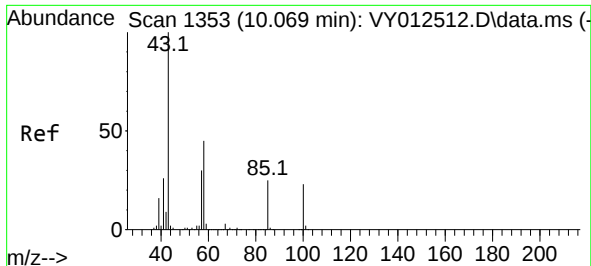
Tgt Ion: 98 Resp: 365097

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

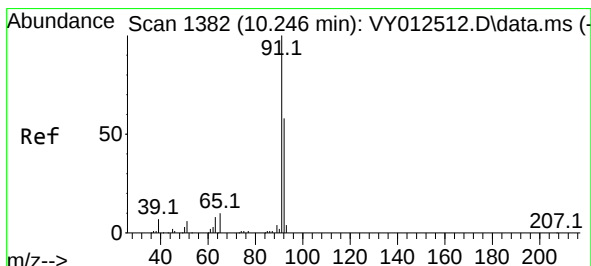
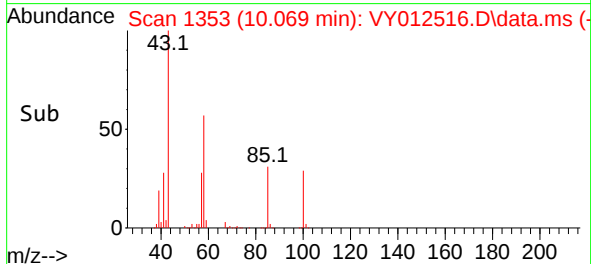
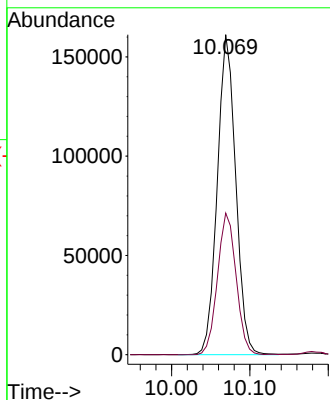
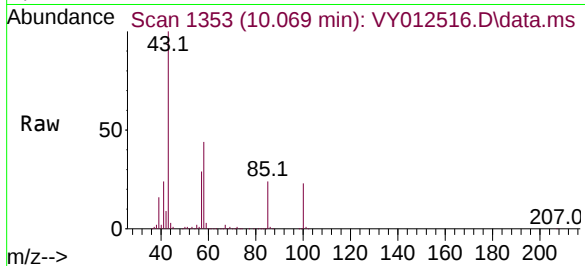




#51
4-Methyl-2-Pentanone
Concen: 252.504 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

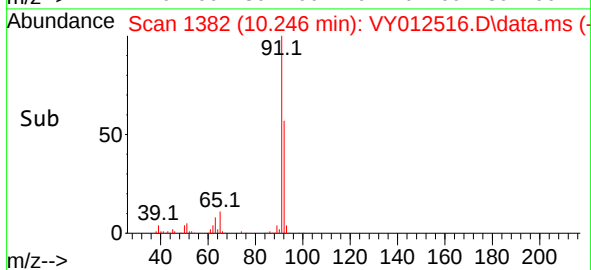
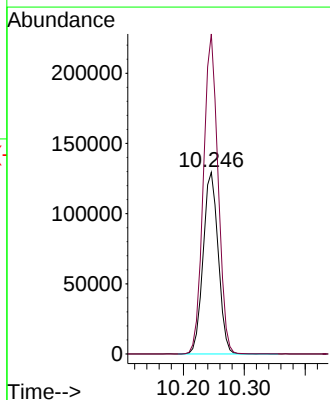
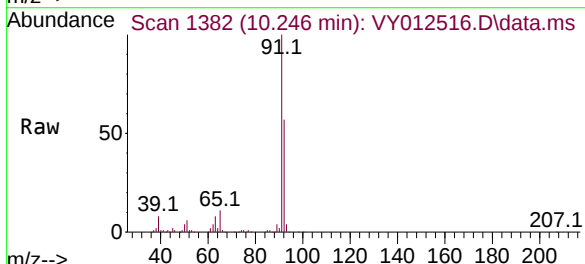
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

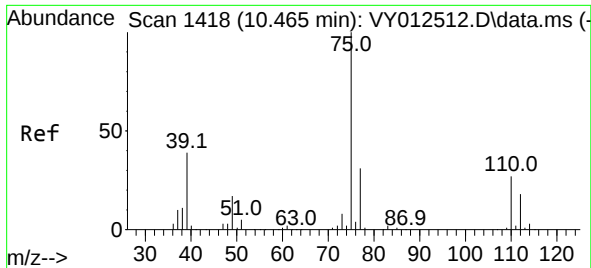
Tgt Ion: 43 Resp: 263550
Ion Ratio Lower Upper
43 100
58 44.8 36.2 54.2



#52
Toluene
Concen: 48.023 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 92 Resp: 222413
Ion Ratio Lower Upper
92 100
91 171.6 137.2 205.8

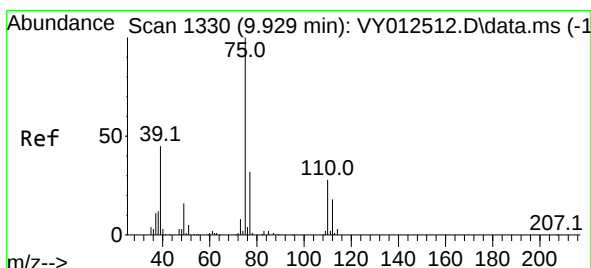
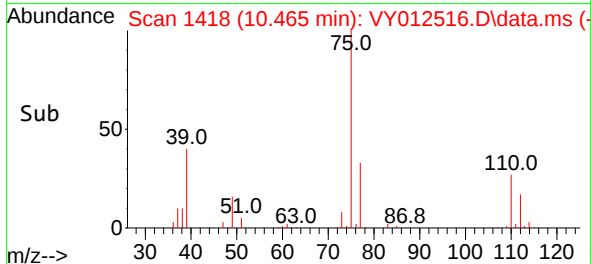
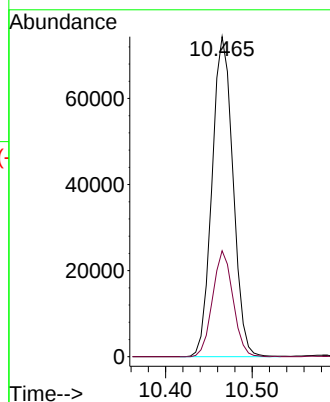
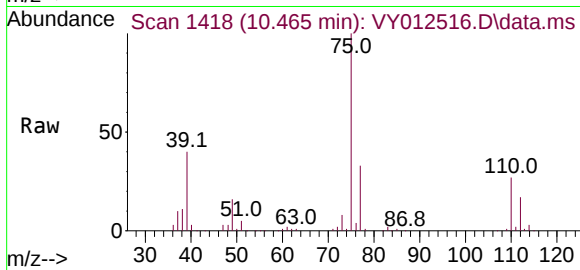




#53
t-1,3-Dichloropropene
Concen: 48.902 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

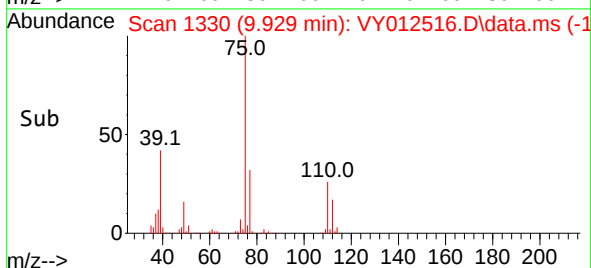
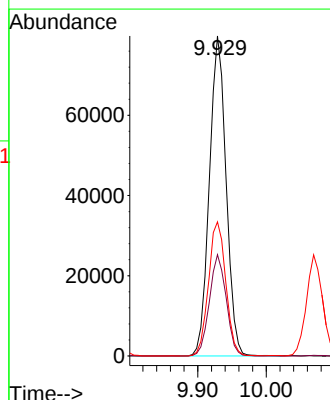
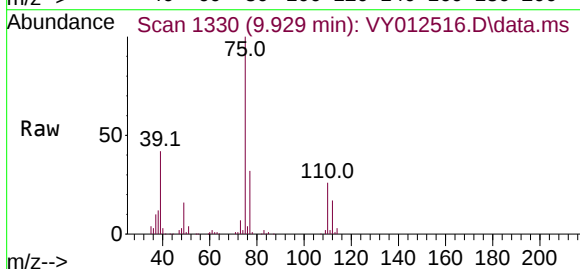
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

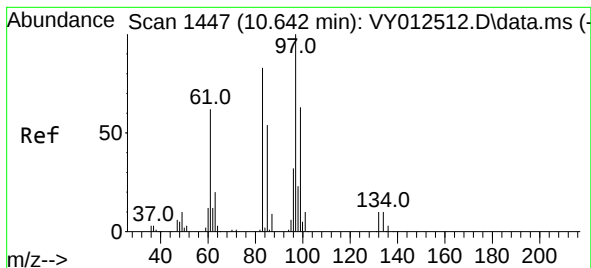
Tgt Ion: 75 Resp: 125287
Ion Ratio Lower Upper
75 100
77 33.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.871 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 75 Resp: 135495
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 41.9 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 48.372 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

Tgt Ion: 97 Resp: 69307

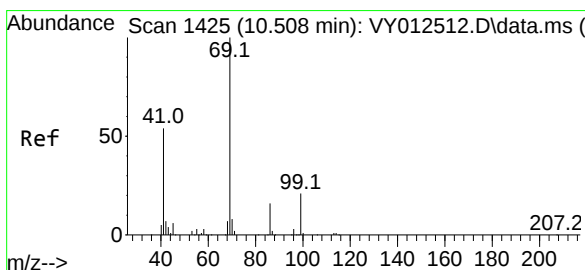
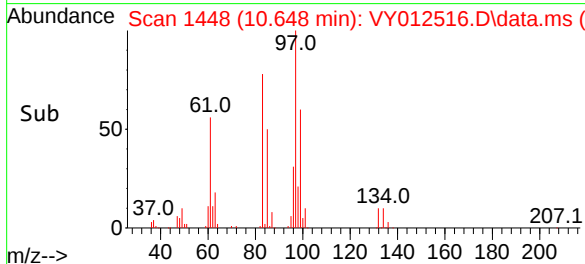
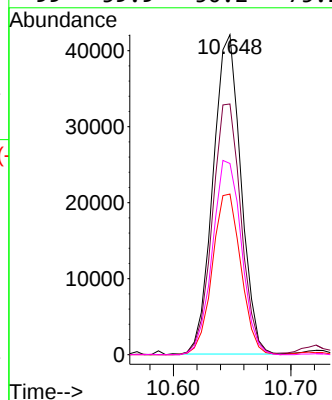
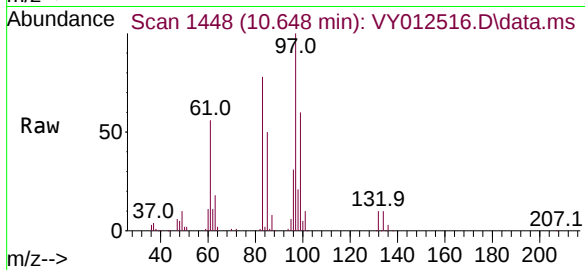
Ion Ratio Lower Upper

97 100

83 78.5 66.0 99.0

85 50.3 43.1 64.7

99 59.9 50.2 75.2



#56

Ethyl methacrylate

Concen: 51.073 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

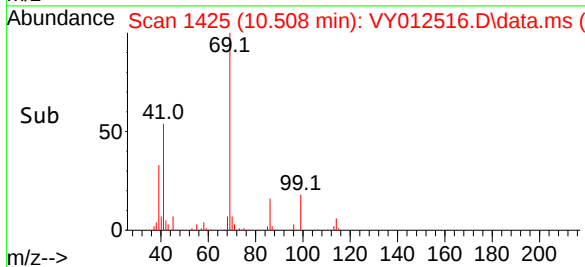
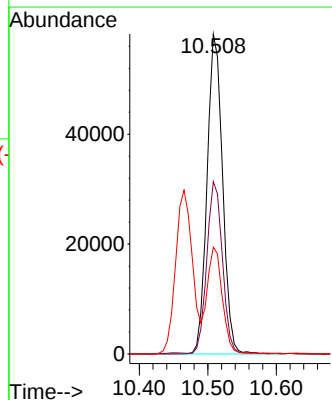
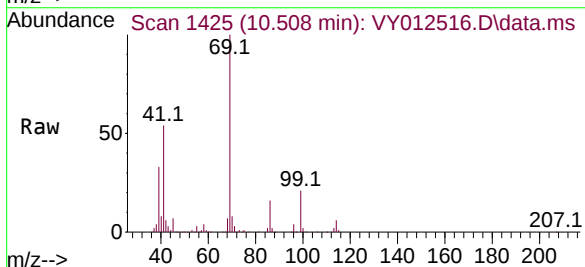
Tgt Ion: 69 Resp: 91939

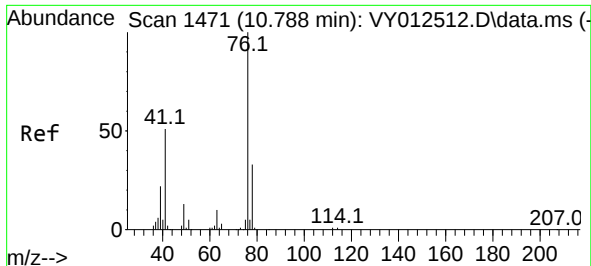
Ion Ratio Lower Upper

69 100

41 53.9 43.4 65.2

39 32.6 26.5 39.7





#57

1,3-Dichloropropane

Concen: 49.021 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

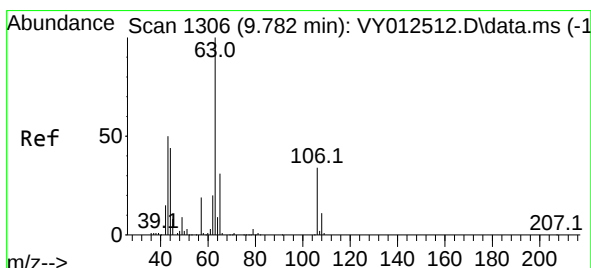
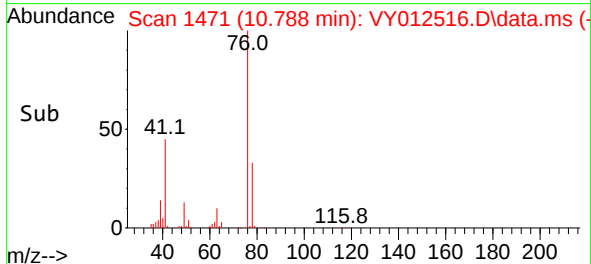
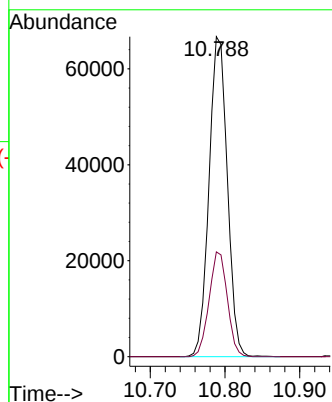
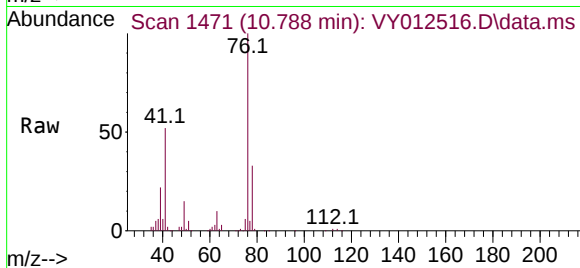
ICVVY020723

Tgt Ion: 76 Resp: 113356

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.532 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012516.D

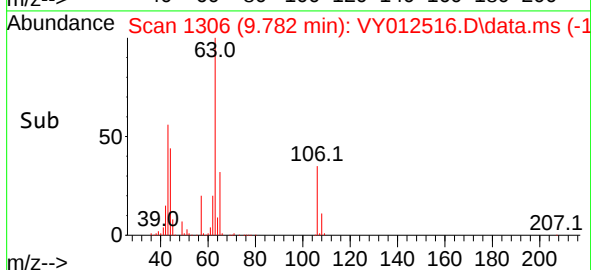
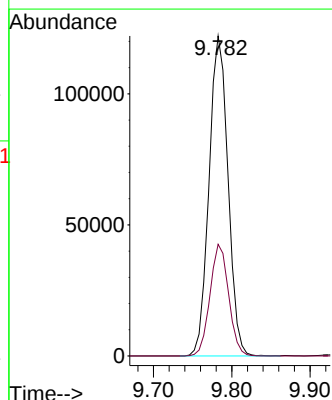
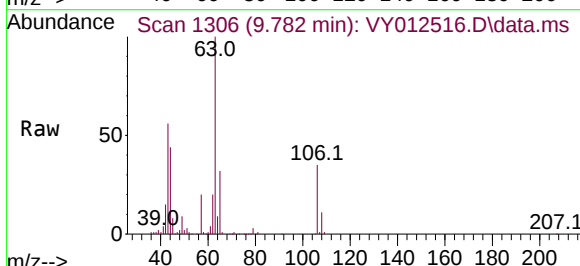
Acq: 07 Feb 2023 13:41

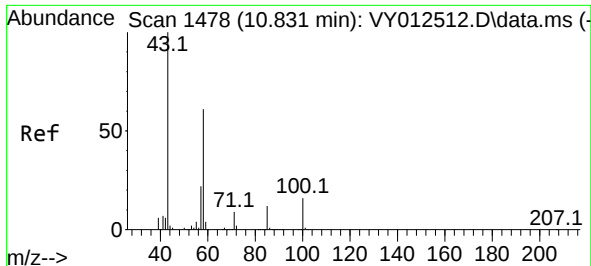
Tgt Ion: 63 Resp: 205137

Ion Ratio Lower Upper

63 100

106 34.3 28.0 42.0

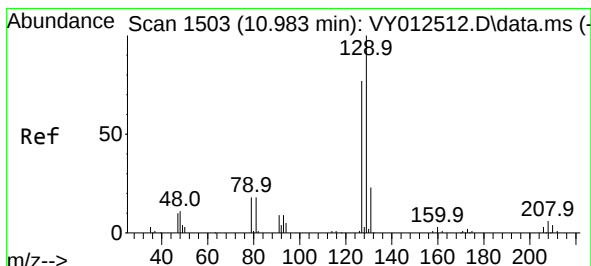
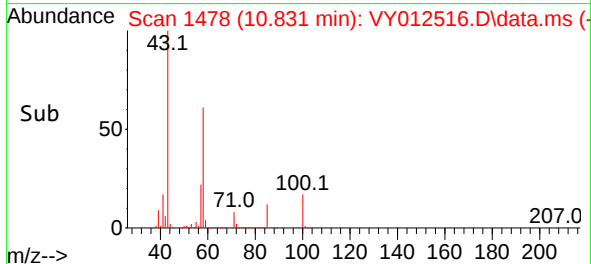
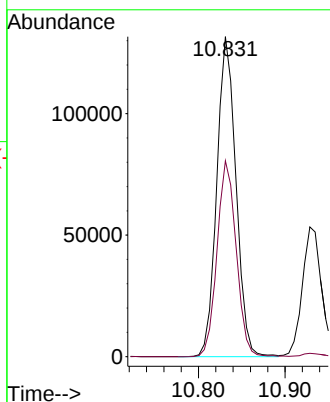
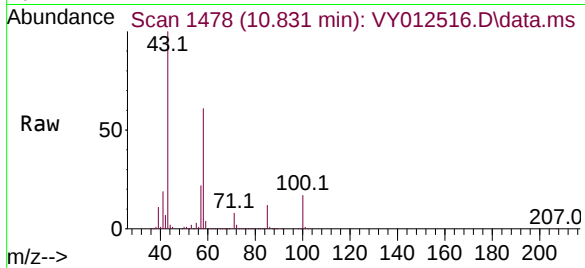




#59
2-Hexanone
Concen: 256.552 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

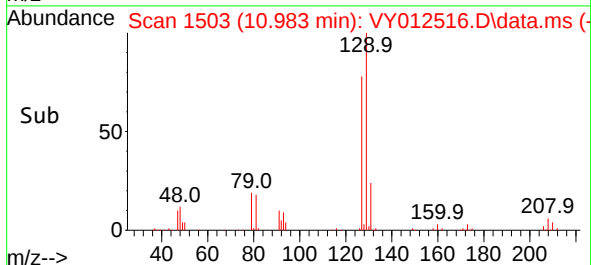
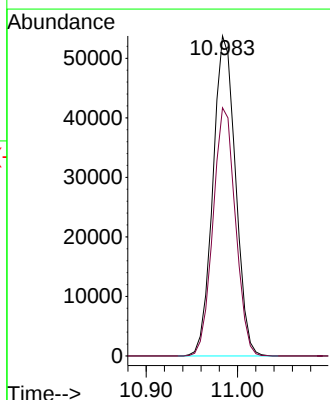
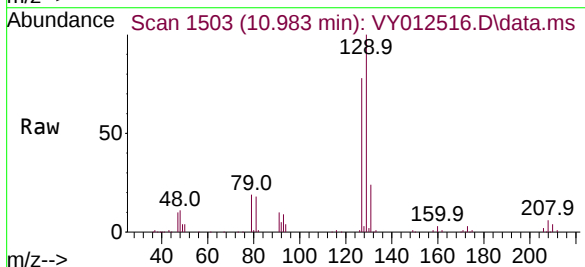
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

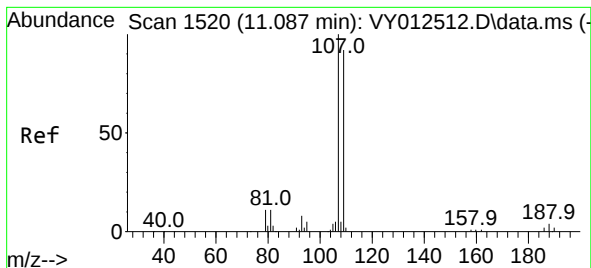
Tgt Ion: 43 Resp: 202361
Ion Ratio Lower Upper
43 100
58 61.2 30.9 92.5



#60
Dibromochloromethane
Concen: 48.406 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 129 Resp: 92453
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1





#61

1,2-Dibromoethane

Concen: 48.483 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

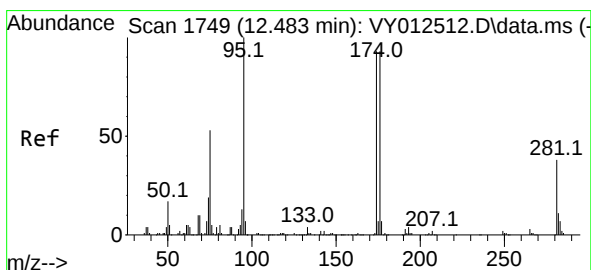
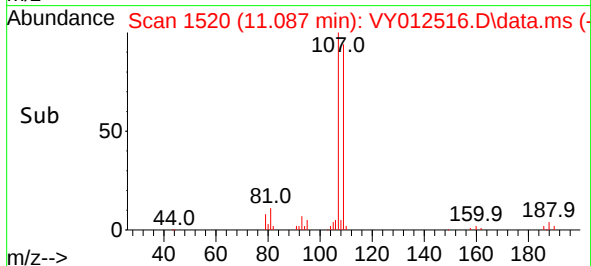
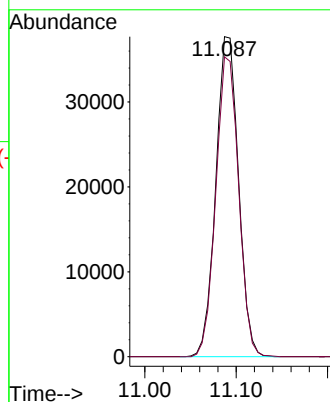
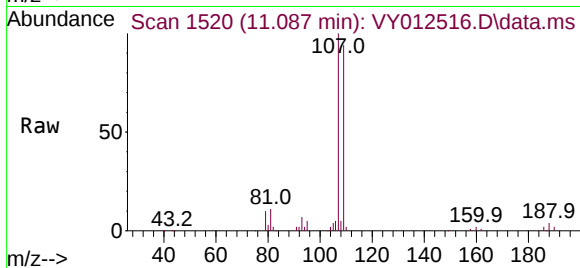
ICVVY020723

Tgt Ion:107 Resp: 65089

Ion Ratio Lower Upper

107 100

109 94.2 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 49.738 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

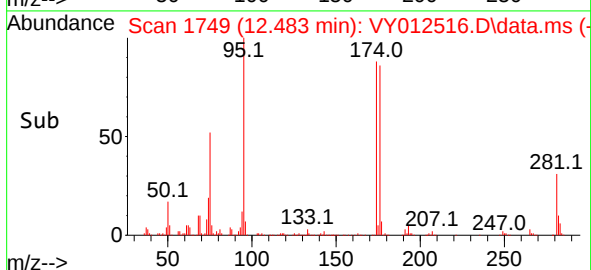
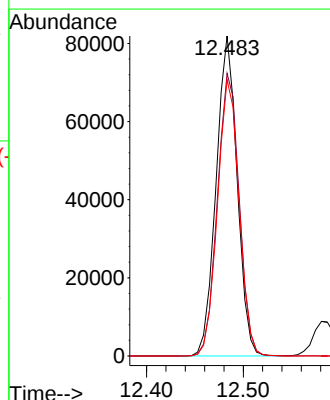
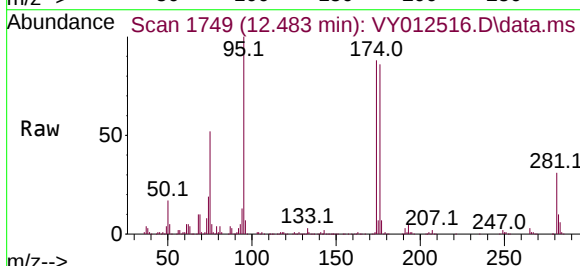
Tgt Ion: 95 Resp: 123375

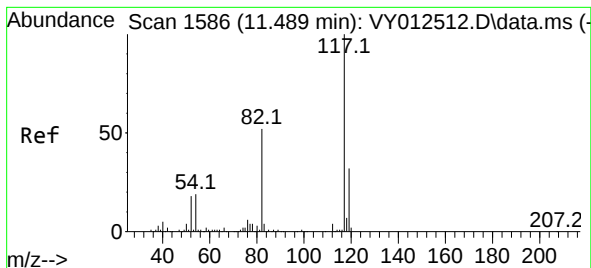
Ion Ratio Lower Upper

95 100

174 91.4 0.0 188.0

176 88.5 0.0 183.6

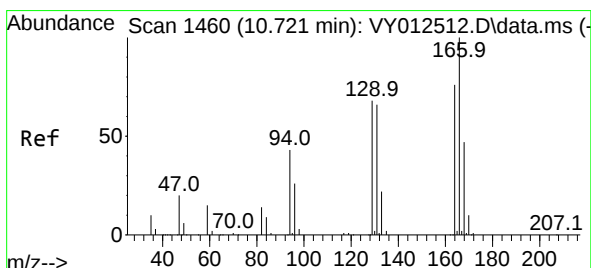
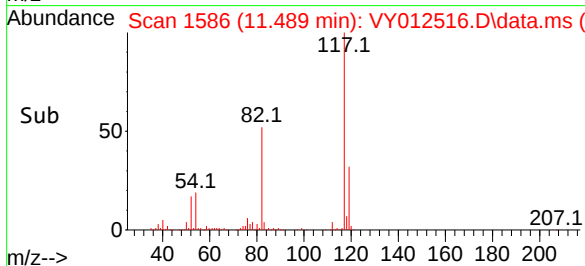
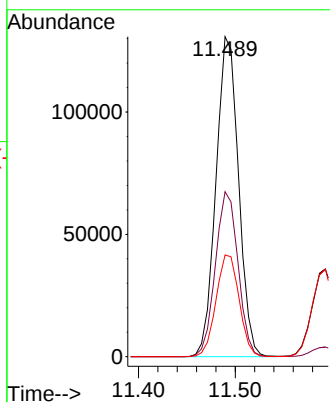
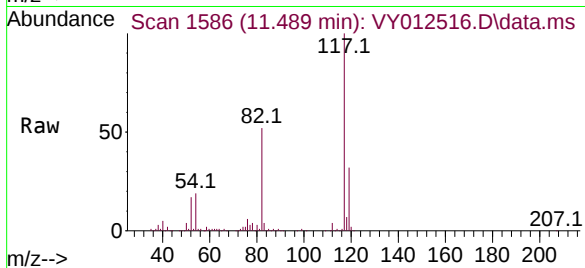




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

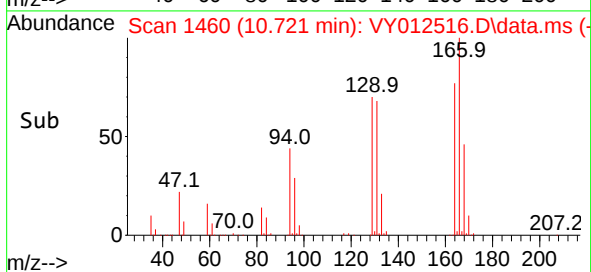
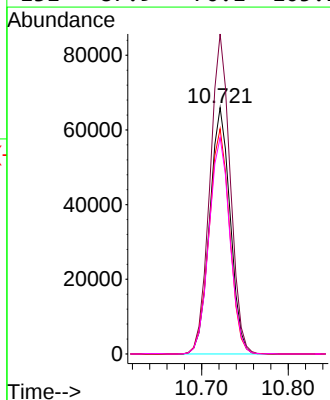
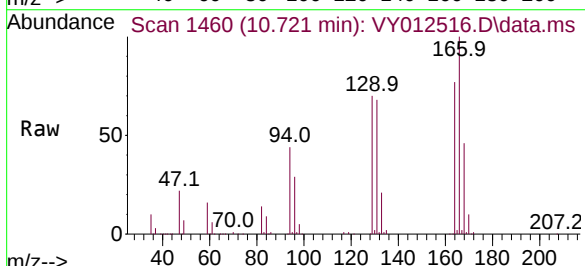
Instrument :
MSVOA_Y
ClientSampleId :
ICVY020723

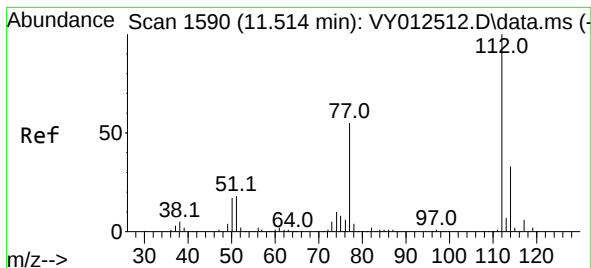
Tgt Ion:117 Resp: 211995
Ion Ratio Lower Upper
117 100
82 51.5 41.7 62.5
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 48.894 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion:164 Resp: 108213
Ion Ratio Lower Upper
164 100
166 129.9 105.7 158.5
129 91.4 71.8 107.6
131 87.9 70.1 105.1

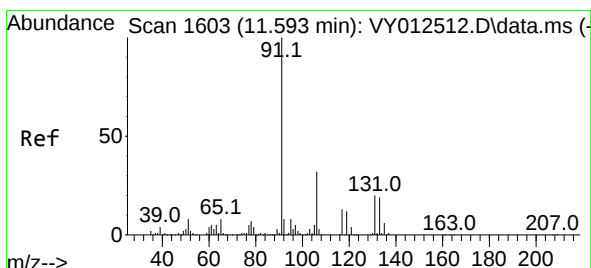
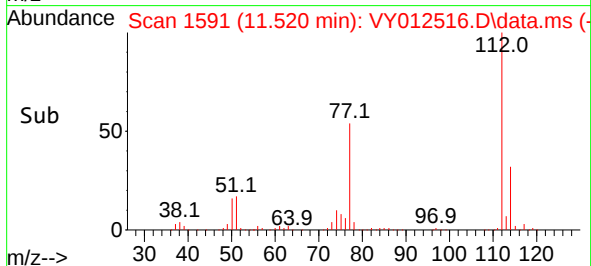
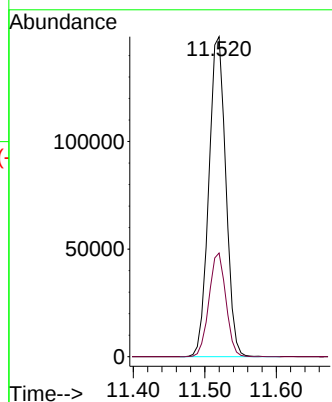
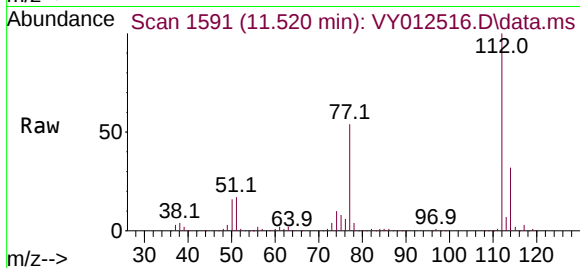




#65
Chlorobenzene
Concen: 48.823 ug/l
RT: 11.520 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

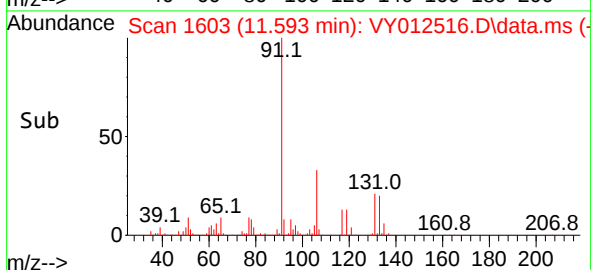
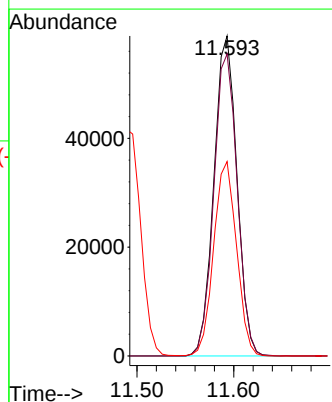
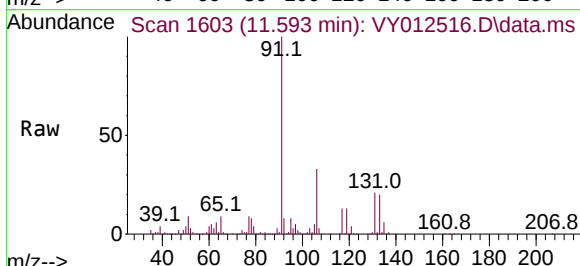
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

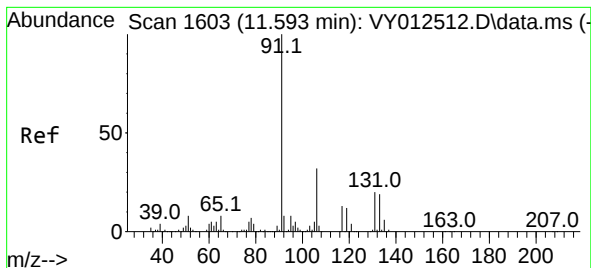
Tgt Ion:112 Resp: 245491
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.400 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion:131 Resp: 97338
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.5
119 60.4 30.7 92.1

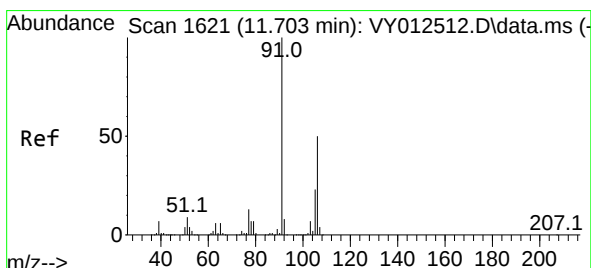
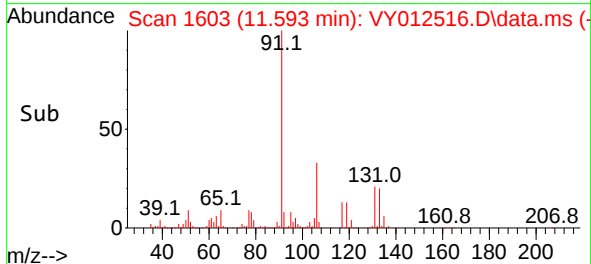
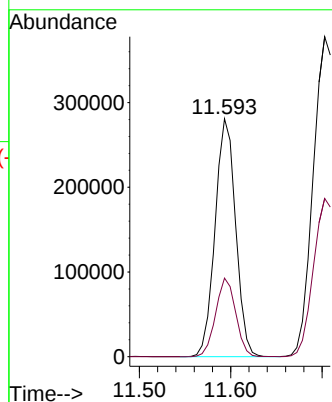
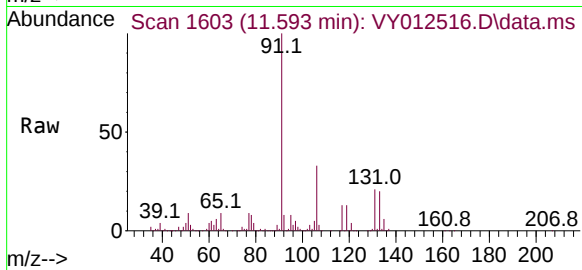




#67
Ethyl Benzene
Concen: 49.707 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

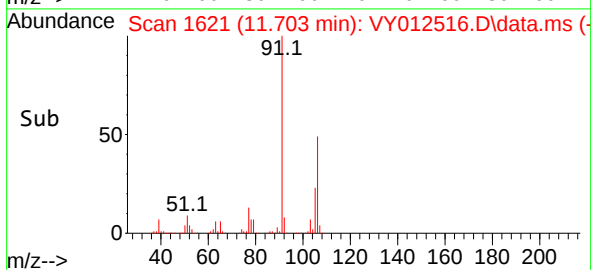
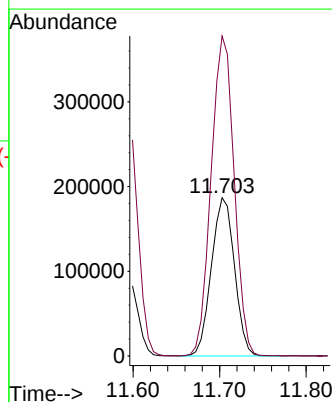
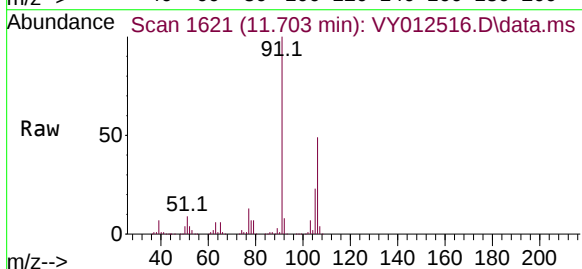
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

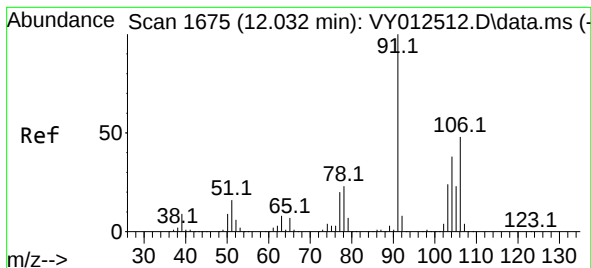
Tgt Ion: 91 Resp: 438783
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4



#68
m/p-Xylenes
Concen: 97.978 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 106 Resp: 345230
Ion Ratio Lower Upper
106 100
91 202.1 160.3 240.5





#69

o-Xylene

Concen: 49.583 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

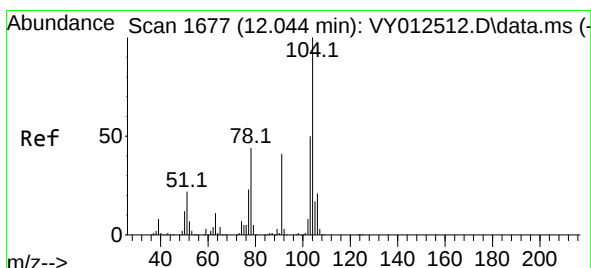
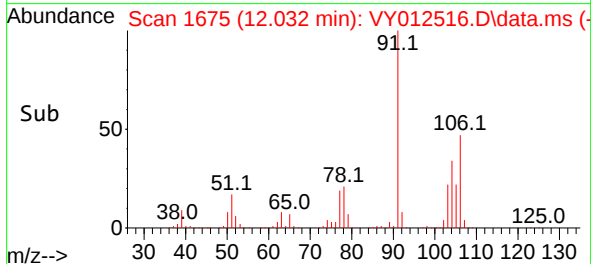
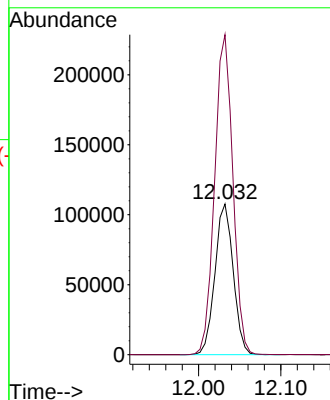
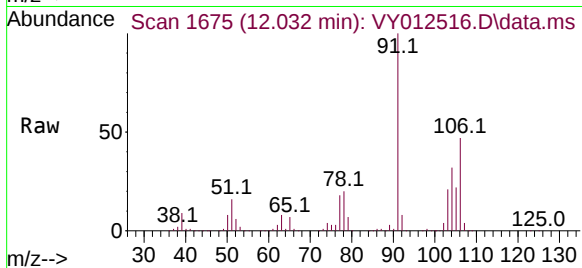
ICVVY020723

Tgt Ion:106 Resp: 166380

Ion Ratio Lower Upper

106 100

91 211.8 104.2 312.5



#70

Styrene

Concen: 49.463 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

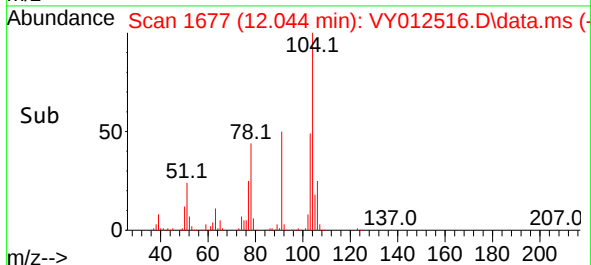
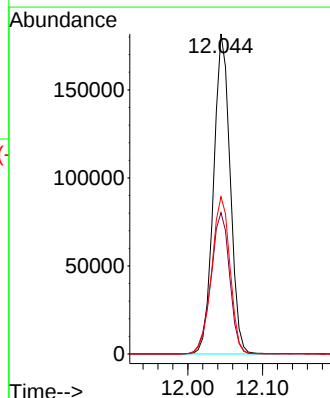
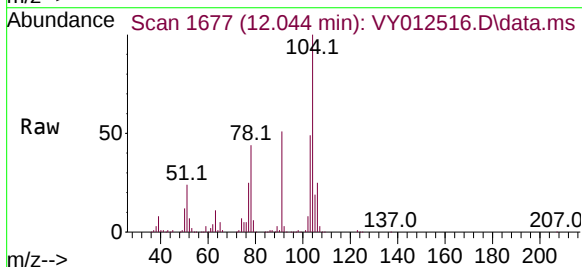
Tgt Ion:104 Resp: 281490

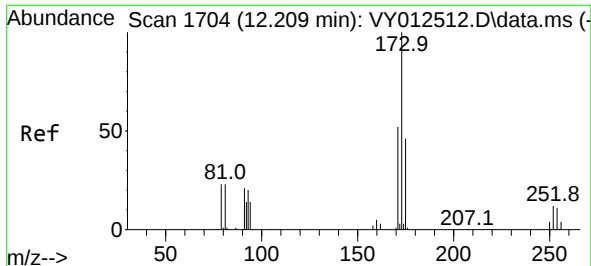
Ion Ratio Lower Upper

104 100

78 49.6 39.4 59.2

103 54.1 43.8 65.8

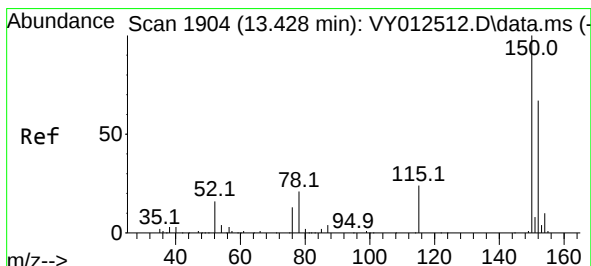
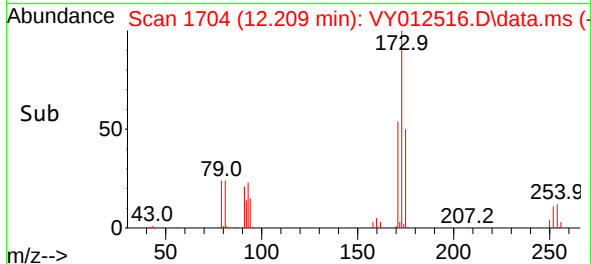
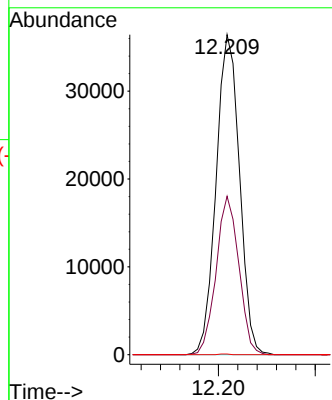
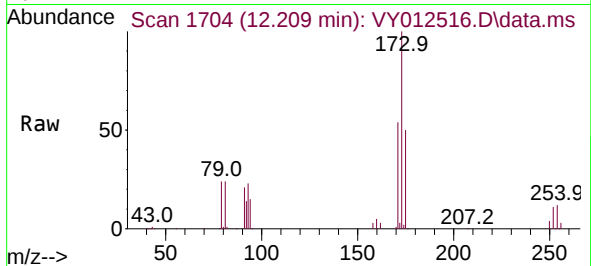




#71
Bromoform
Concen: 49.021 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

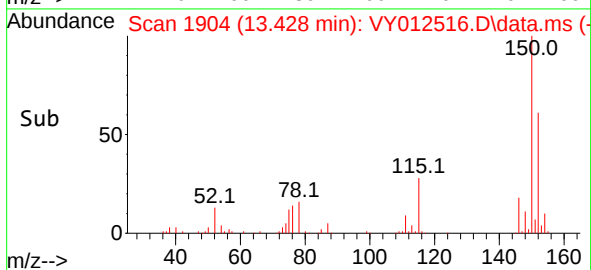
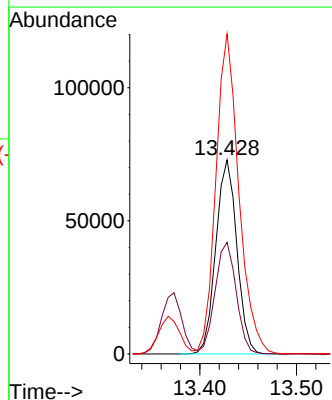
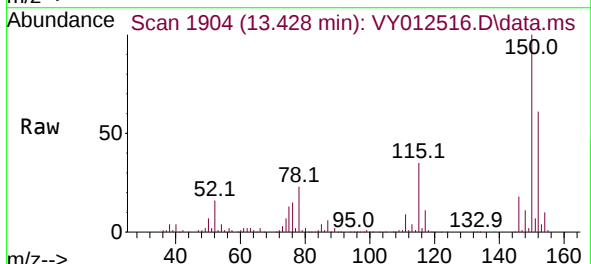
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

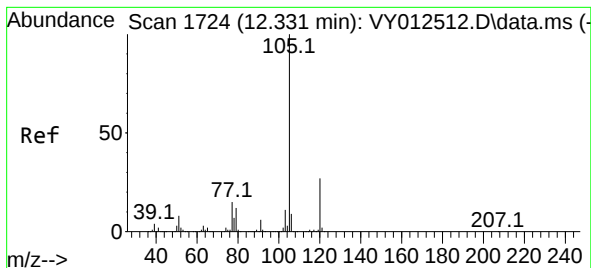
Tgt Ion:173 Resp: 61053
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion:152 Resp: 109872
Ion Ratio Lower Upper
152 100
115 58.0 28.1 84.3
150 180.1 0.0 351.0





#73

Isopropylbenzene

Concen: 51.547 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

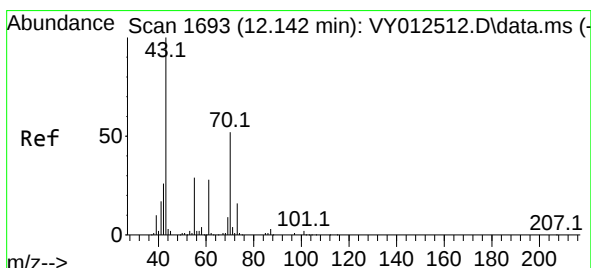
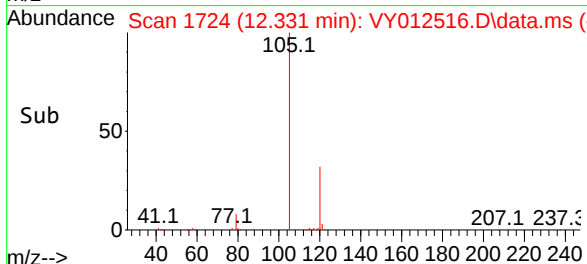
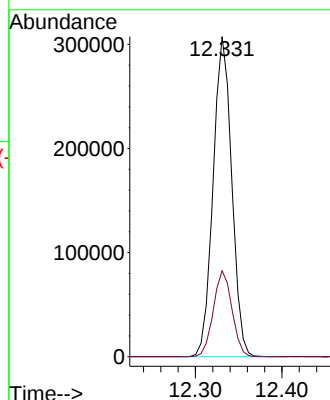
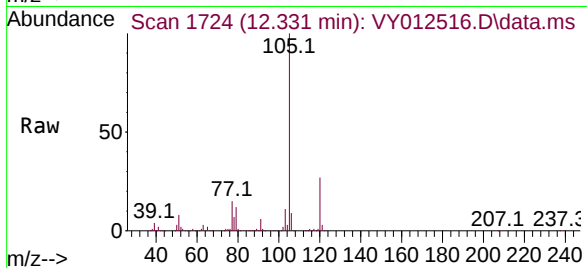
ICVVY020723

Tgt Ion:105 Resp: 458216

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.794 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Tgt Ion: 43 Resp: 84953

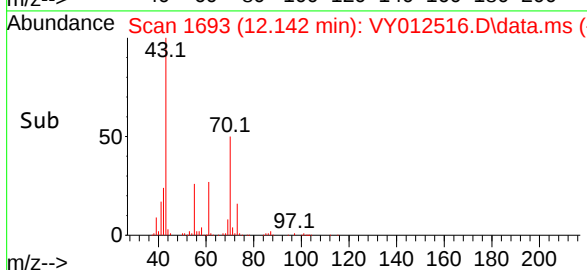
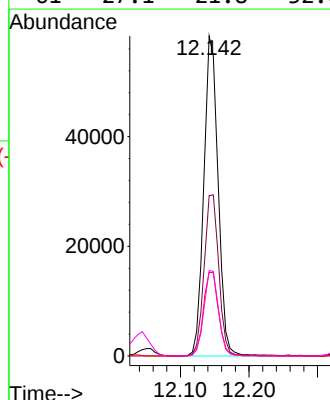
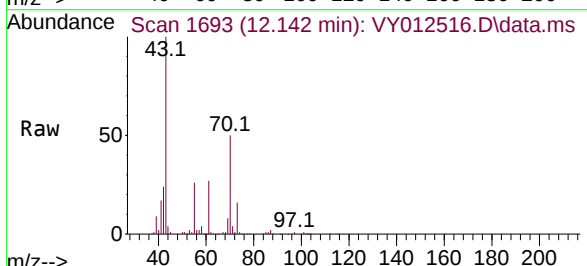
Ion Ratio Lower Upper

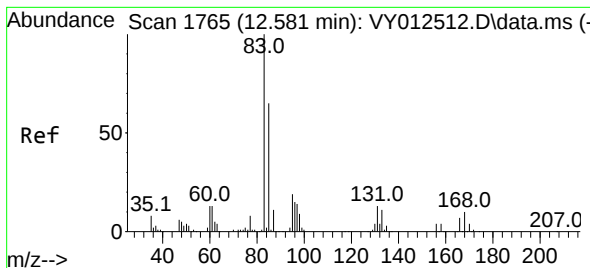
43 100

70 51.8 41.0 61.6

55 27.6 22.9 34.3

61 27.1 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.381 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

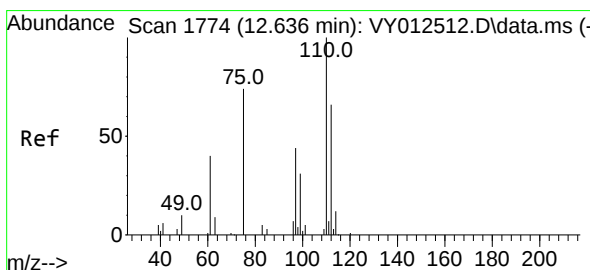
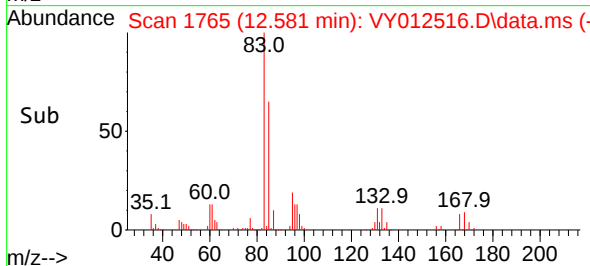
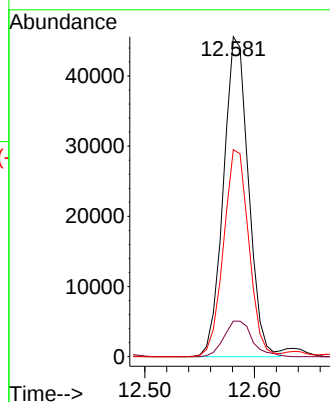
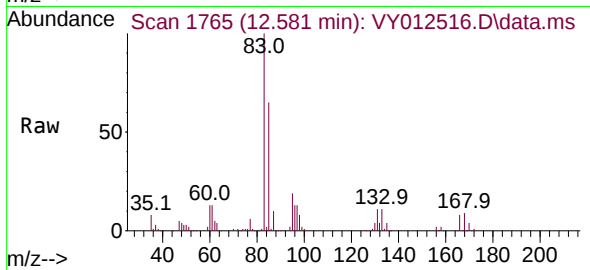
Tgt Ion: 83 Resp: 72416

Ion Ratio Lower Upper

83 100

131 12.6 6.5 19.4

85 65.5 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 85.199 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012516.D

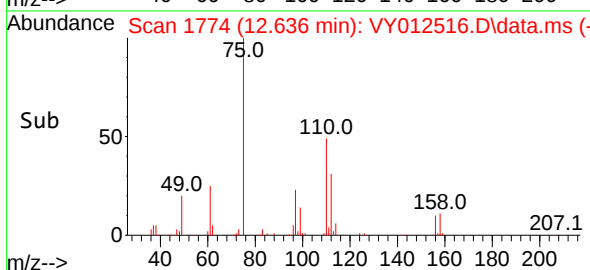
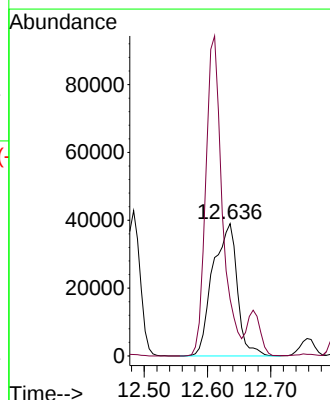
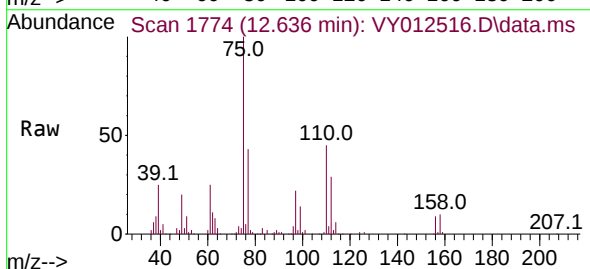
Acq: 07 Feb 2023 13:41

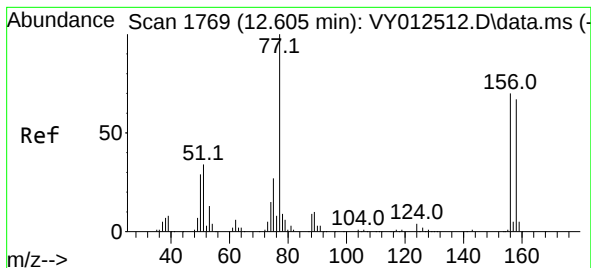
Tgt Ion: 75 Resp: 104584

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.941 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

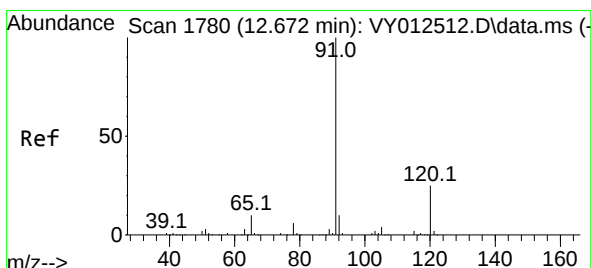
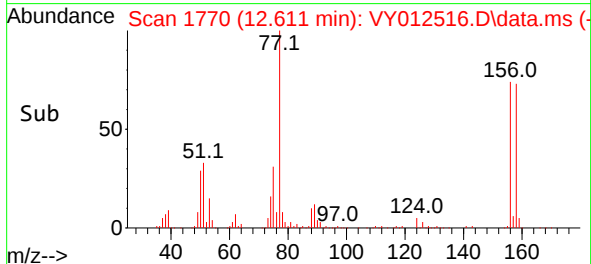
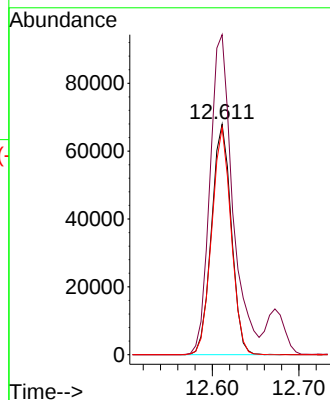
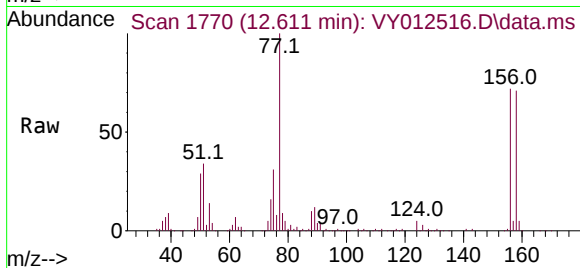
Tgt Ion:156 Resp: 107601

Ion Ratio Lower Upper

156 100

77 159.6 80.6 241.8

158 96.5 49.1 147.3



#78

n-propylbenzene

Concen: 50.666 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012516.D

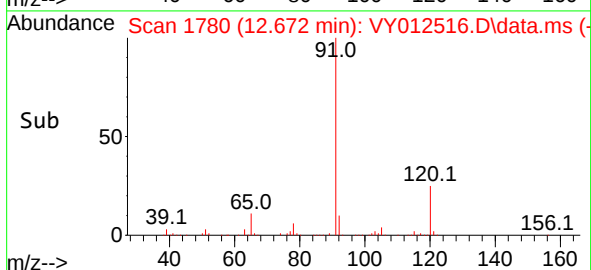
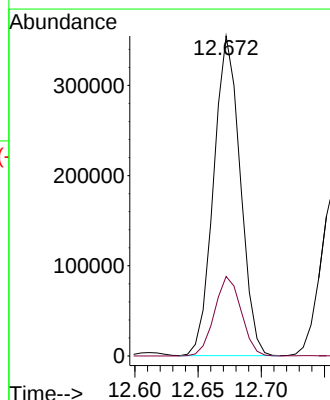
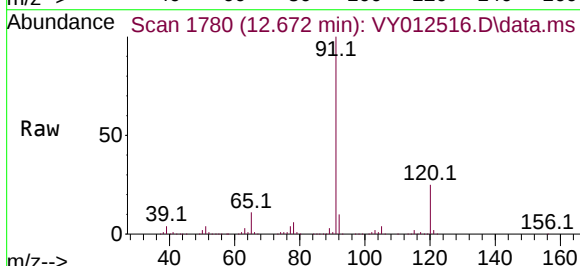
Acq: 07 Feb 2023 13:41

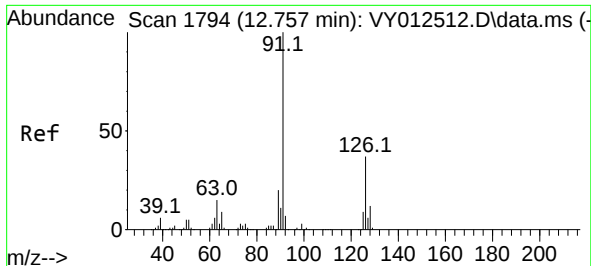
Tgt Ion: 91 Resp: 518388

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.4

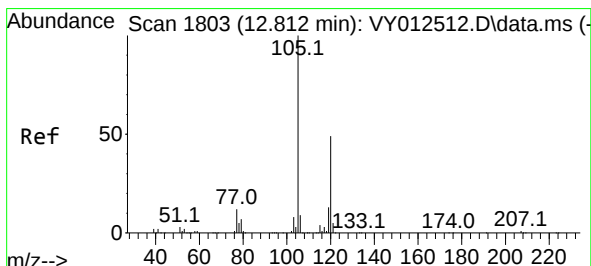
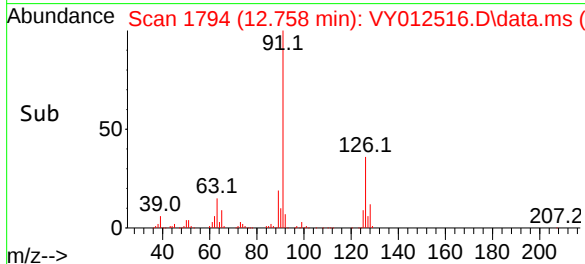
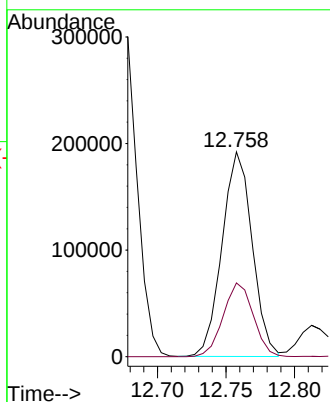
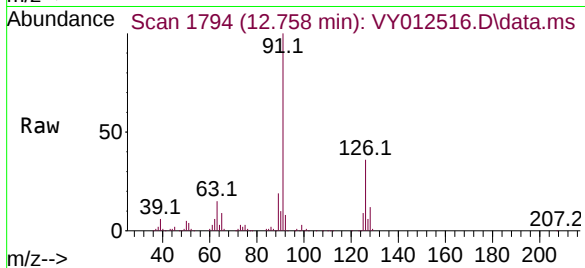




#79
2-Chlorotoluene
Concen: 50.564 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

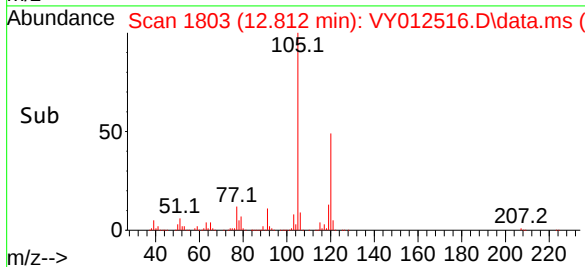
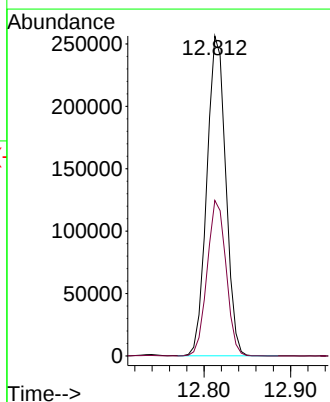
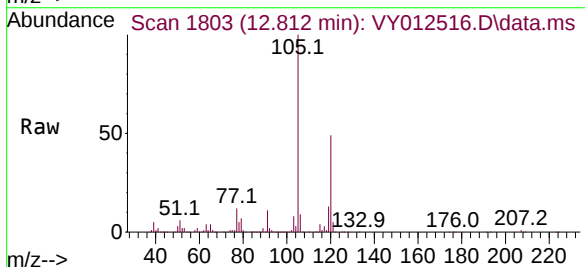
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

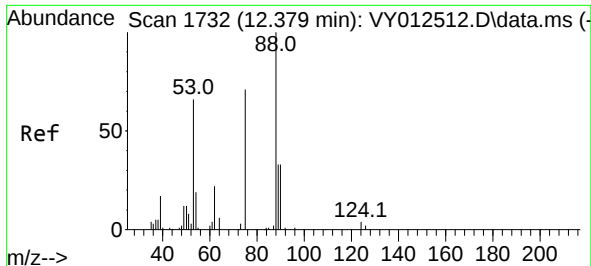
Tgt Ion: 91 Resp: 293686
Ion Ratio Lower Upper
91 100
126 36.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 50.698 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 105 Resp: 387958
Ion Ratio Lower Upper
105 100
120 48.8 24.6 74.0

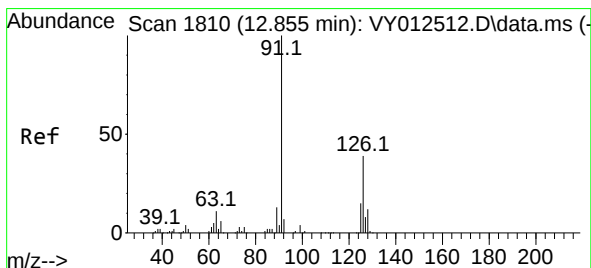
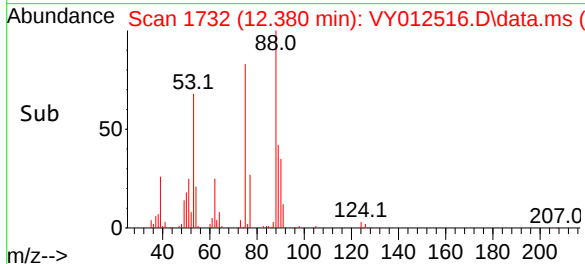
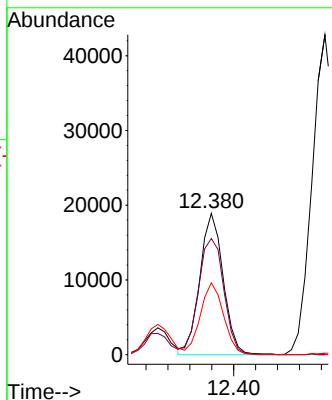
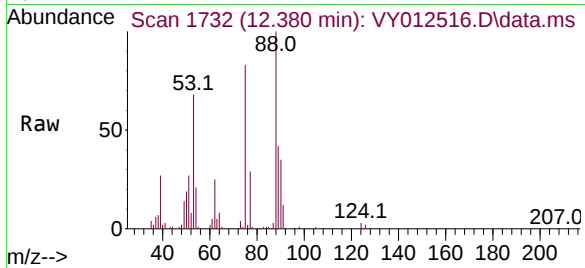




#81
trans-1,4-Dichloro-2-butene
Concen: 51.423 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

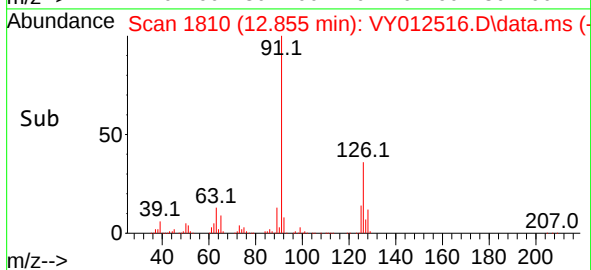
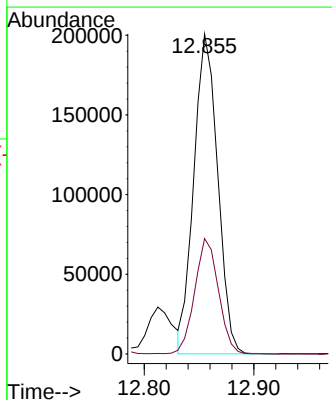
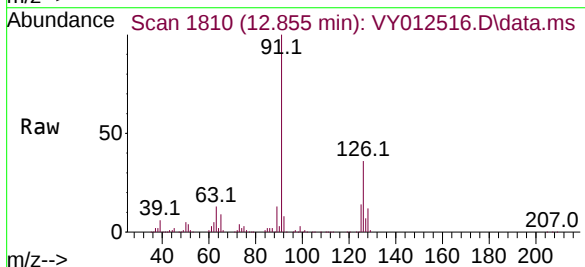
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

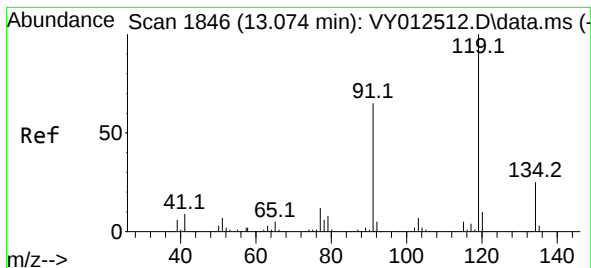
Tgt Ion: 75 Resp: 27992
Ion Ratio Lower Upper
75 100
53 89.8 73.1 109.7
89 50.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 49.662 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 91 Resp: 302581
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.3





#83

tert-Butylbenzene

Concen: 52.526 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

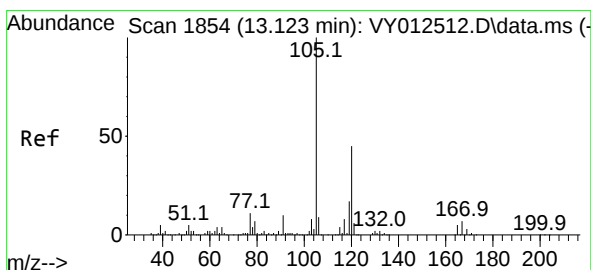
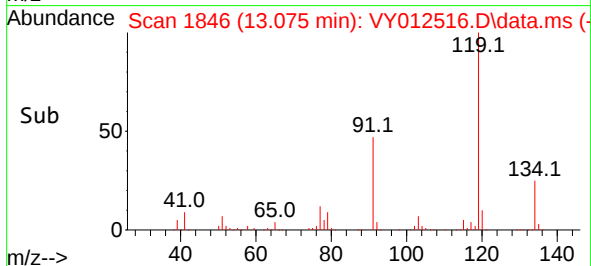
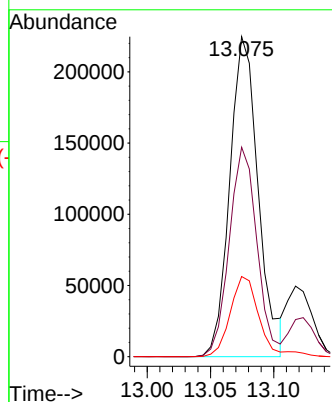
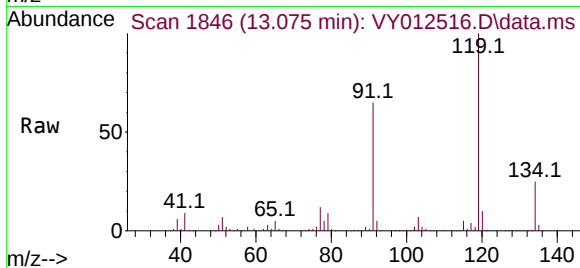
Tgt Ion:119 Resp: 352473

Ion Ratio Lower Upper

119 100

91 63.7 33.0 99.0

134 25.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.234 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012516.D

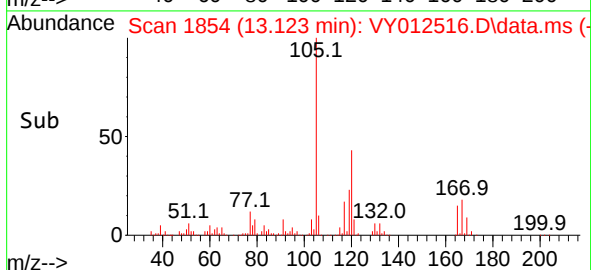
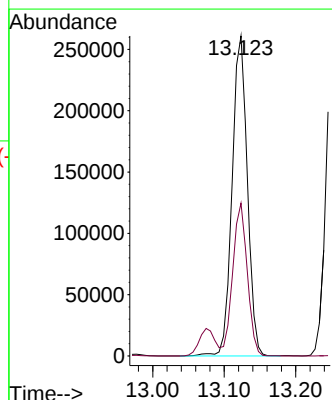
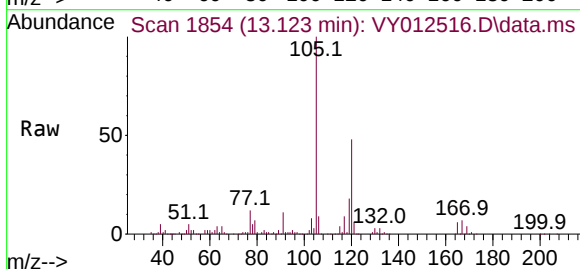
Acq: 07 Feb 2023 13:41

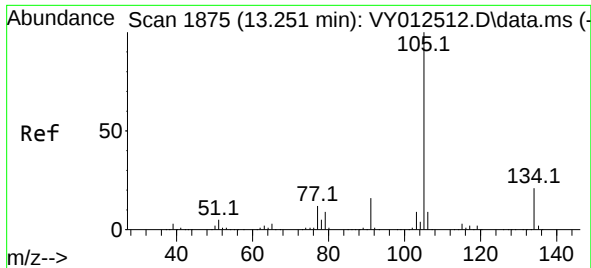
Tgt Ion:105 Resp: 385766

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3

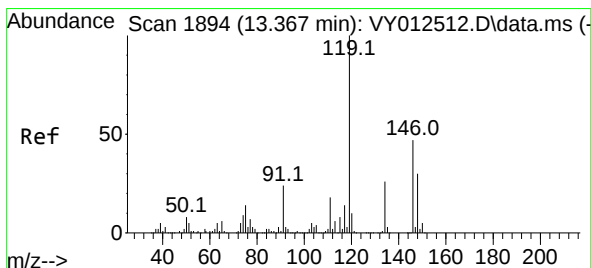
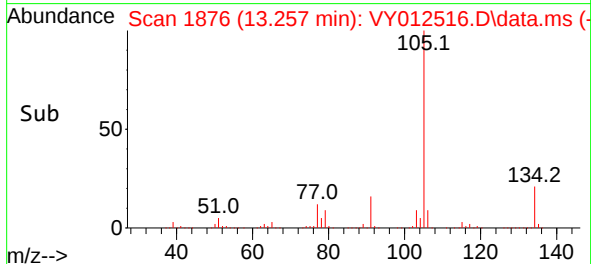
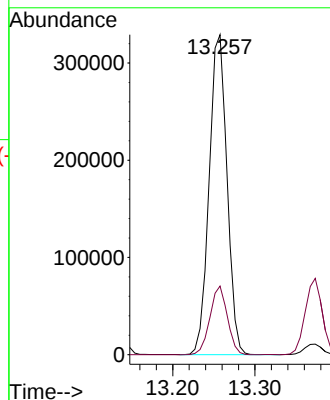
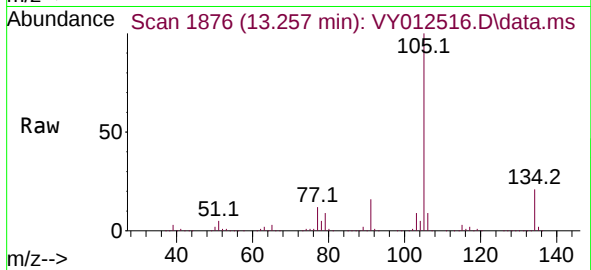




#85
 sec-Butylbenzene
 Concen: 51.656 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012516.D
 Acq: 07 Feb 2023 13:41

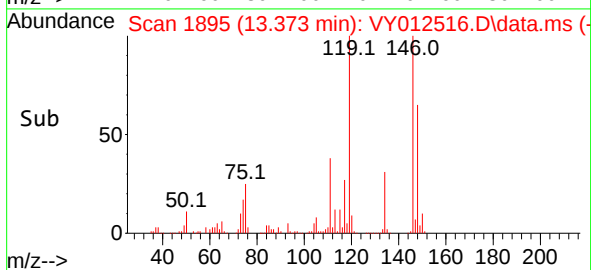
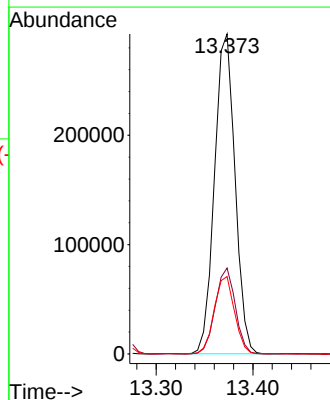
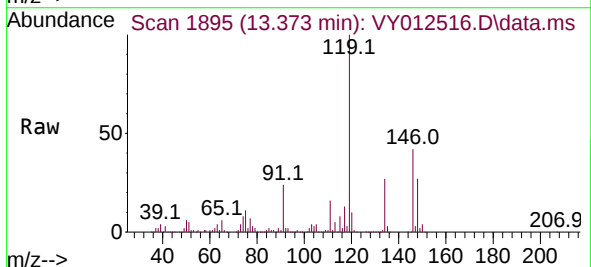
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020723

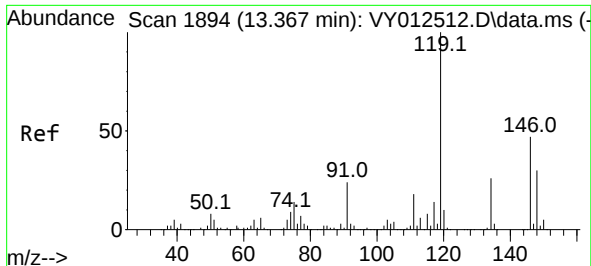
Tgt Ion:105 Resp: 495898
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 51.644 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012516.D
 Acq: 07 Feb 2023 13:41

Tgt Ion:119 Resp: 430101
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.694 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

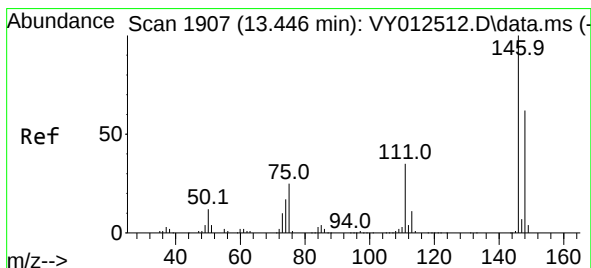
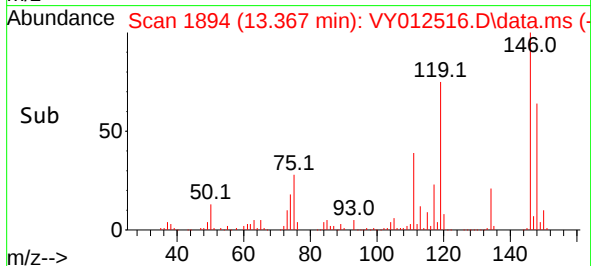
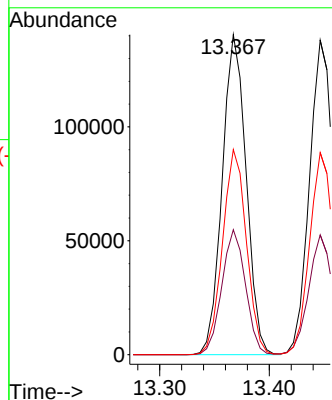
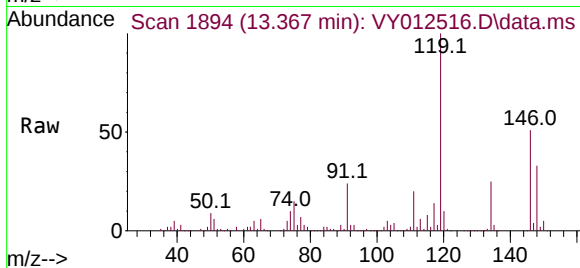
Tgt Ion:146 Resp: 213032

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.195 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

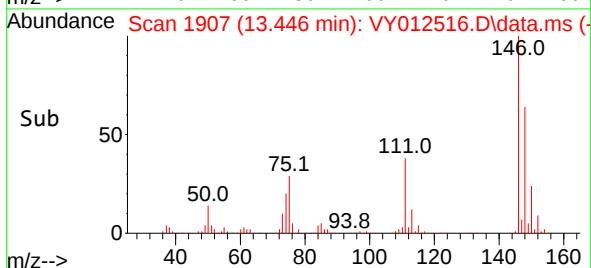
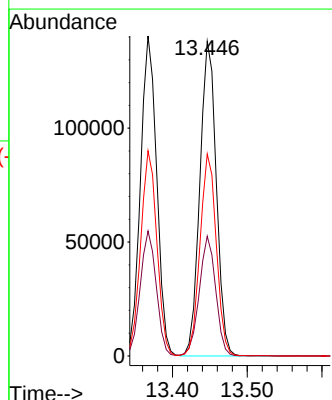
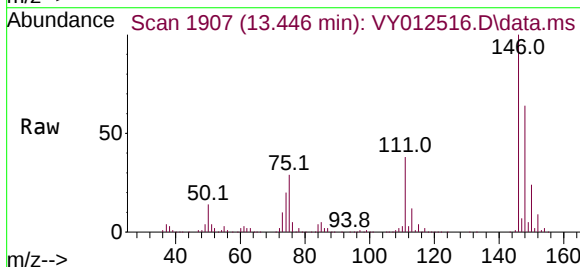
Tgt Ion:146 Resp: 211251

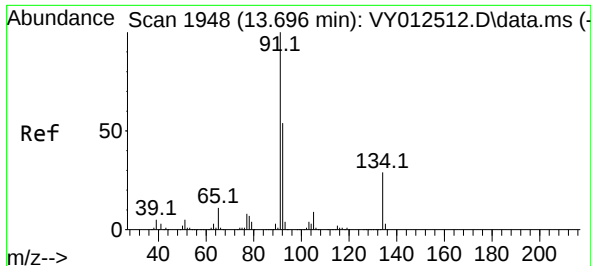
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.2

148 63.8 31.6 95.0

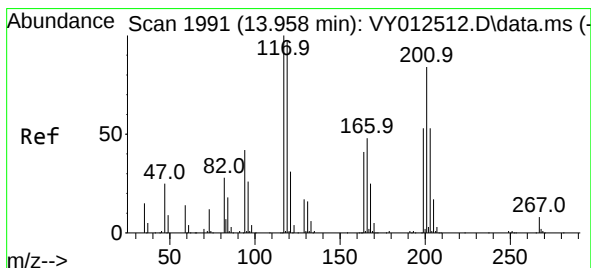
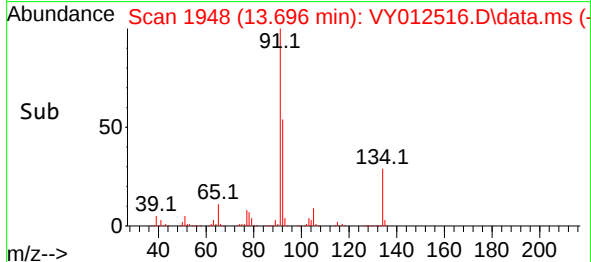
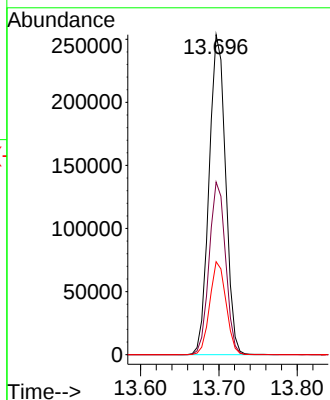
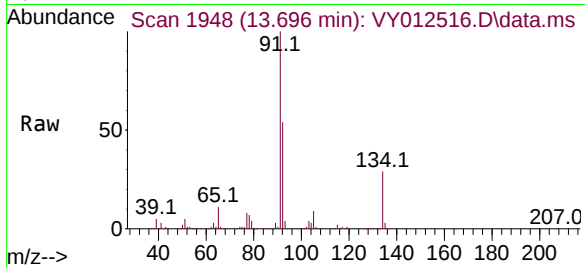




#89
n-Butylbenzene
Concen: 52.081 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

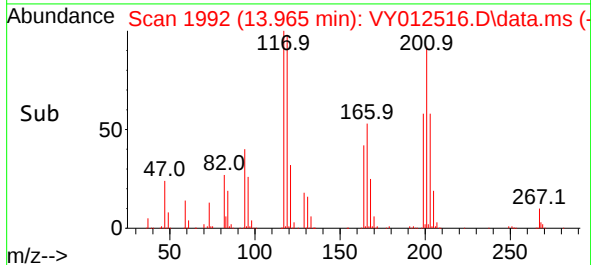
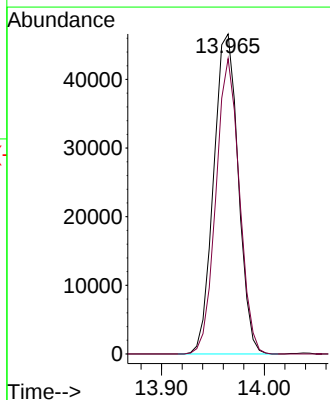
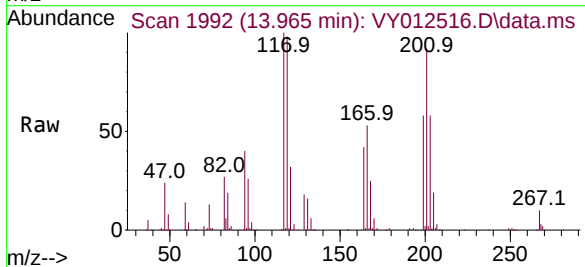
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

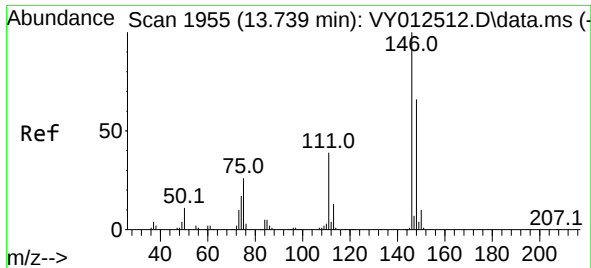
Tgt Ion: 91 Resp: 370700
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 28.7 14.5 43.5



#90
Hexachloroethane
Concen: 50.643 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 117 Resp: 77415
Ion Ratio Lower Upper
117 100
201 87.8 43.9 131.7

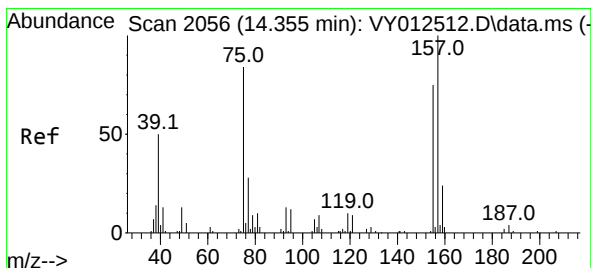
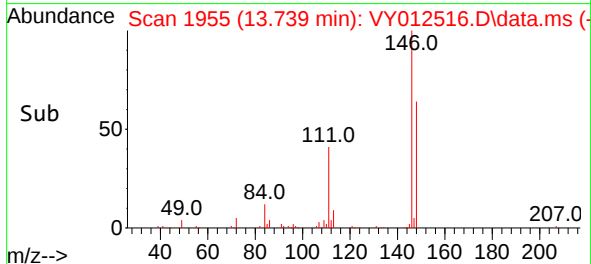
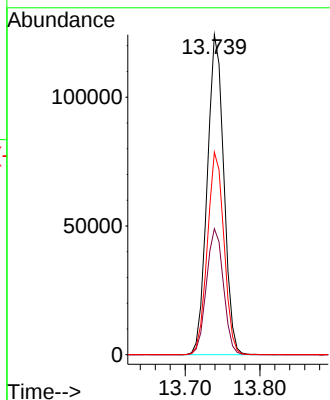
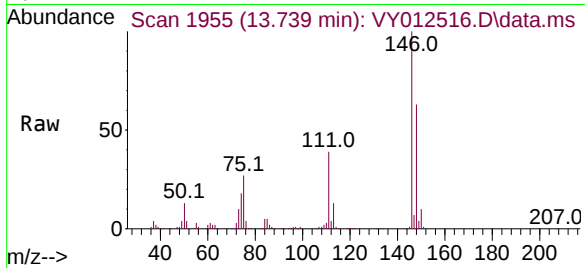




#91
1,2-Dichlorobenzene
Concen: 49.774 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

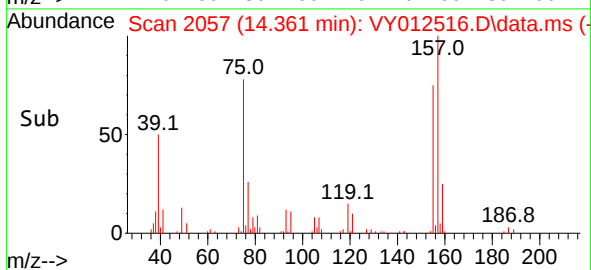
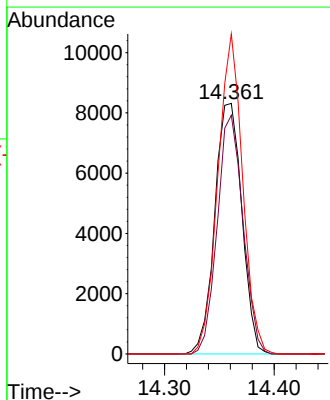
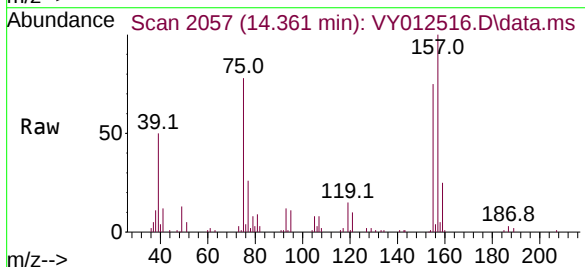
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020723

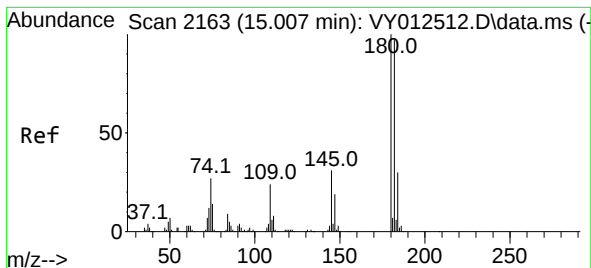
Tgt Ion:146 Resp: 191951
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 63.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.840 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012516.D
Acq: 07 Feb 2023 13:41

Tgt Ion: 75 Resp: 14256
Ion Ratio Lower Upper
75 100
155 90.4 46.5 139.3
157 116.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.165 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

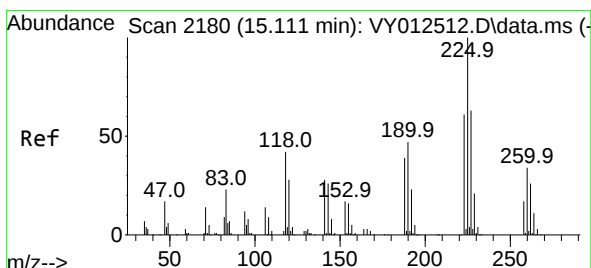
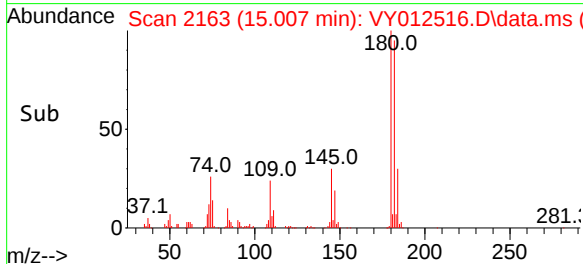
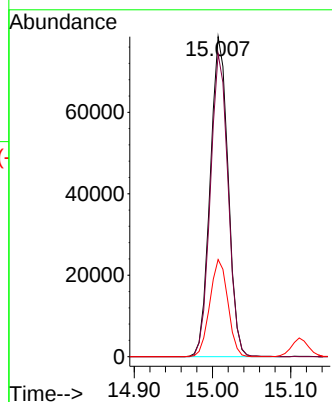
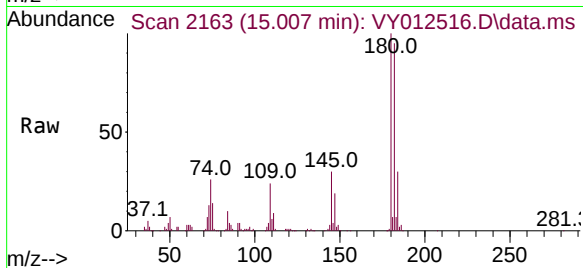
Tgt Ion:180 Resp: 124650

Ion Ratio Lower Upper

180 100

182 93.8 47.7 143.1

145 30.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 50.133 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

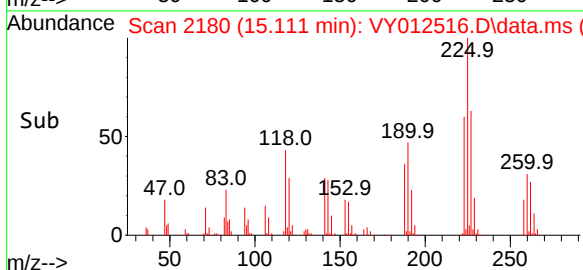
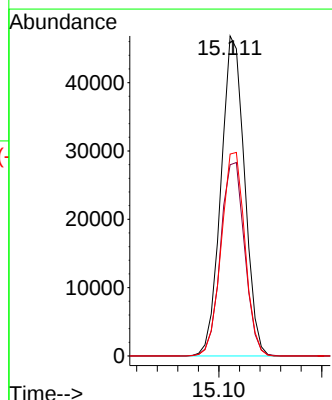
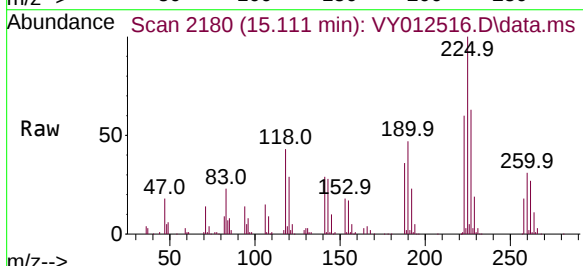
Tgt Ion:225 Resp: 74420

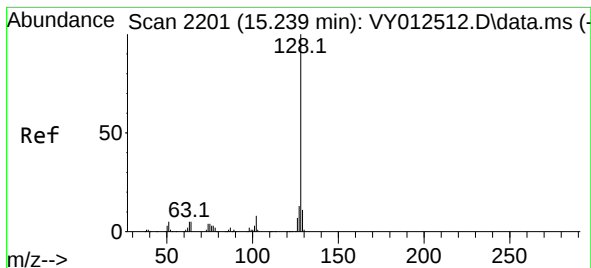
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 63.9 31.9 95.5





#95

Naphthalene

Concen: 53.532 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020723

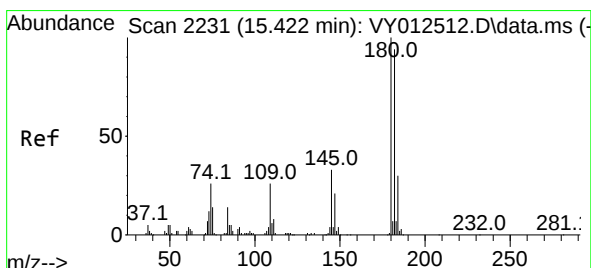
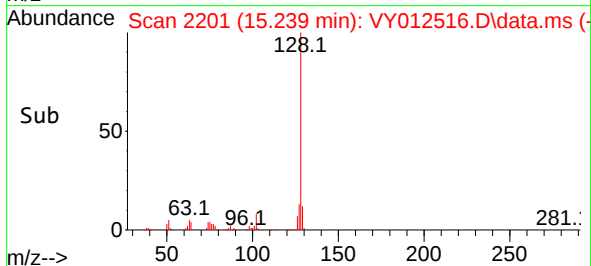
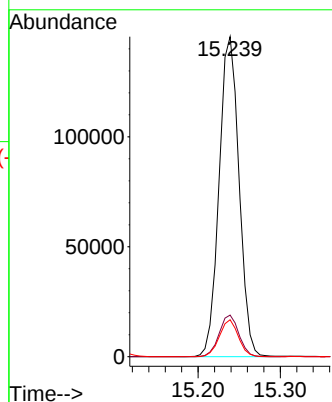
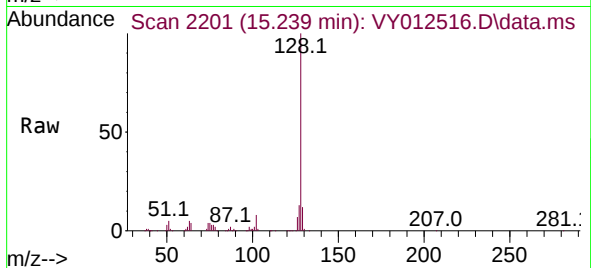
Tgt Ion:128 Resp: 245558

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.907 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012516.D

Acq: 07 Feb 2023 13:41

Tgt Ion:180 Resp: 107364

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.2

145 32.7 16.2 48.6

