

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012760.D
 Acq On : 02 Mar 2023 15:07
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030223

Quant Time: Mar 03 01:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59416	48.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.716	113	56865	49.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.179	98	207477	49.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.483	95	69213	48.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59803	49.112	ug/l	97
3) Chloromethane	2.113	50	67584	46.426	ug/l	97
4) Vinyl Chloride	2.253	62	66784	50.029	ug/l	100
5) Bromomethane	2.650	94	39836	49.112	ug/l	91
6) Chloroethane	2.796	64	40645	50.841	ug/l	96
7) Trichlorofluoromethane	3.125	101	110867	50.005	ug/l	98
8) Diethyl Ether	3.528	74	37697	48.519	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	66997	50.227	ug/l	99
10) Methyl Iodide	4.095	142	88659	51.011	ug/l	99
11) Tert butyl alcohol	4.954	59	30573	213.816	ug/l	99
12) 1,1-Dichloroethene	3.875	96	65498	51.484	ug/l	98
13) Acrolein	3.729	56	48793	227.050	ug/l	99
14) Allyl chloride	4.479	41	125854	53.555	ug/l	99
15) Acrylonitrile	5.161	53	98628	240.923	ug/l	99
16) Acetone	3.942	43	117997	245.087	ug/l	96
17) Carbon Disulfide	4.198	76	220576	50.937	ug/l	99
18) Methyl Acetate	4.473	43	67341	46.969	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	170192	51.793	ug/l	99
20) Methylene Chloride	4.716	84	75655	51.675	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	71996	52.077	ug/l	95
22) Diisopropyl ether	6.119	45	230711	54.053	ug/l	99
23) Vinyl Acetate	6.058	43	695241	262.152	ug/l	97
24) 1,1-Dichloroethane	6.015	63	127374	52.370	ug/l	99
25) 2-Butanone	6.984	43	143266	240.252	ug/l	97
26) 2,2-Dichloropropane	6.978	77	110593	51.196	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	76900	51.882	ug/l	98
28) Bromochloromethane	7.332	49	46206	51.985	ug/l	94
29) Tetrahydrofuran	7.344	42	86603	240.797	ug/l	97
30) Chloroform	7.503	83	124323	51.749	ug/l	96
31) Cyclohexane	7.783	56	122454	52.127	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	112560	51.809	ug/l	98
36) 1,1-Dichloropropene	7.917	75	100143	52.013	ug/l	100
37) Ethyl Acetate	7.070	43	57704	47.551	ug/l	98
38) Carbon Tetrachloride	7.899	117	103444	52.028	ug/l	97
39) Methylcyclohexane	9.185	83	123665	54.025	ug/l	96
40) Benzene	8.161	78	280882	51.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	31601	48.333	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	83461	50.971	ug/l	99
43) Isopropyl Acetate	8.271	43	106691	49.278	ug/l	99
44) Trichloroethene	8.941	130	72833	50.721	ug/l	97
45) 1,2-Dichloropropane	9.216	63	71979	52.294	ug/l	97
46) Dibromomethane	9.307	93	38489	49.083	ug/l	99
47) Bromodichloromethane	9.496	83	92997	50.326	ug/l	98
48) Methyl methacrylate	9.295	41	50240	50.360	ug/l	98
49) 1,4-Dioxane	9.295	88	9166	904.198	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	285571	243.160	ug/l	99
52) Toluene	10.246	92	169856	51.713	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	97558	50.333	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	112945	51.483	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	52249	47.845	ug/l	96
56) Ethyl methacrylate	10.508	69	73296	50.336	ug/l	97
57) 1,3-Dichloropropane	10.789	76	92636	49.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	189285	247.623	ug/l	98
59) 2-Hexanone	10.831	43	206923	242.427	ug/l	99
60) Dibromochloromethane	10.984	129	64002	48.146	ug/l	100
61) 1,2-Dibromoethane	11.087	107	49754	47.296	ug/l	99
64) Tetrachloroethene	10.721	164	60413	50.033	ug/l	98
65) Chlorobenzene	11.520	112	176592	50.736	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	64589	50.149	ug/l	99
67) Ethyl Benzene	11.593	91	325290	53.156	ug/l	99
68) m/p-Xylenes	11.703	106	247423	105.101	ug/l	98
69) o-Xylene	12.032	106	114974	52.330	ug/l	100
70) Styrene	12.044	104	192902	52.612	ug/l	99
71) Bromoform	12.209	173	39135	46.603	ug/l #	98
73) Isopropylbenzene	12.331	105	308305	55.305	ug/l	99
74) N-amyl acetate	12.142	43	91018	51.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	60585	48.347	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	80794	86.014	ug/l #	100
77) Bromobenzene	12.611	156	70561	52.103	ug/l	100
78) n-propylbenzene	12.672	91	380479	55.359	ug/l	100
79) 2-Chlorotoluene	12.758	91	206491	54.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	253747	55.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22559	49.763	ug/l	97
82) 4-Chlorotoluene	12.855	91	211577	53.508	ug/l	99
83) tert-Butylbenzene	13.075	119	217709	54.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	248829	55.312	ug/l	99
85) sec-Butylbenzene	13.258	105	330459	54.551	ug/l	99
86) p-Isopropyltoluene	13.373	119	272721	55.085	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	137988	52.830	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136552	51.225	ug/l	99
89) n-Butylbenzene	13.697	91	257569	54.344	ug/l	99
90) Hexachloroethane	13.965	117	53246	51.637	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121397	51.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9595	47.377	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	73367	50.468	ug/l	98
94) Hexachlorobutadiene	15.111	225	43539	49.104	ug/l	100
95) Naphthalene	15.239	128	144049	49.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62997	48.725	ug/l	99

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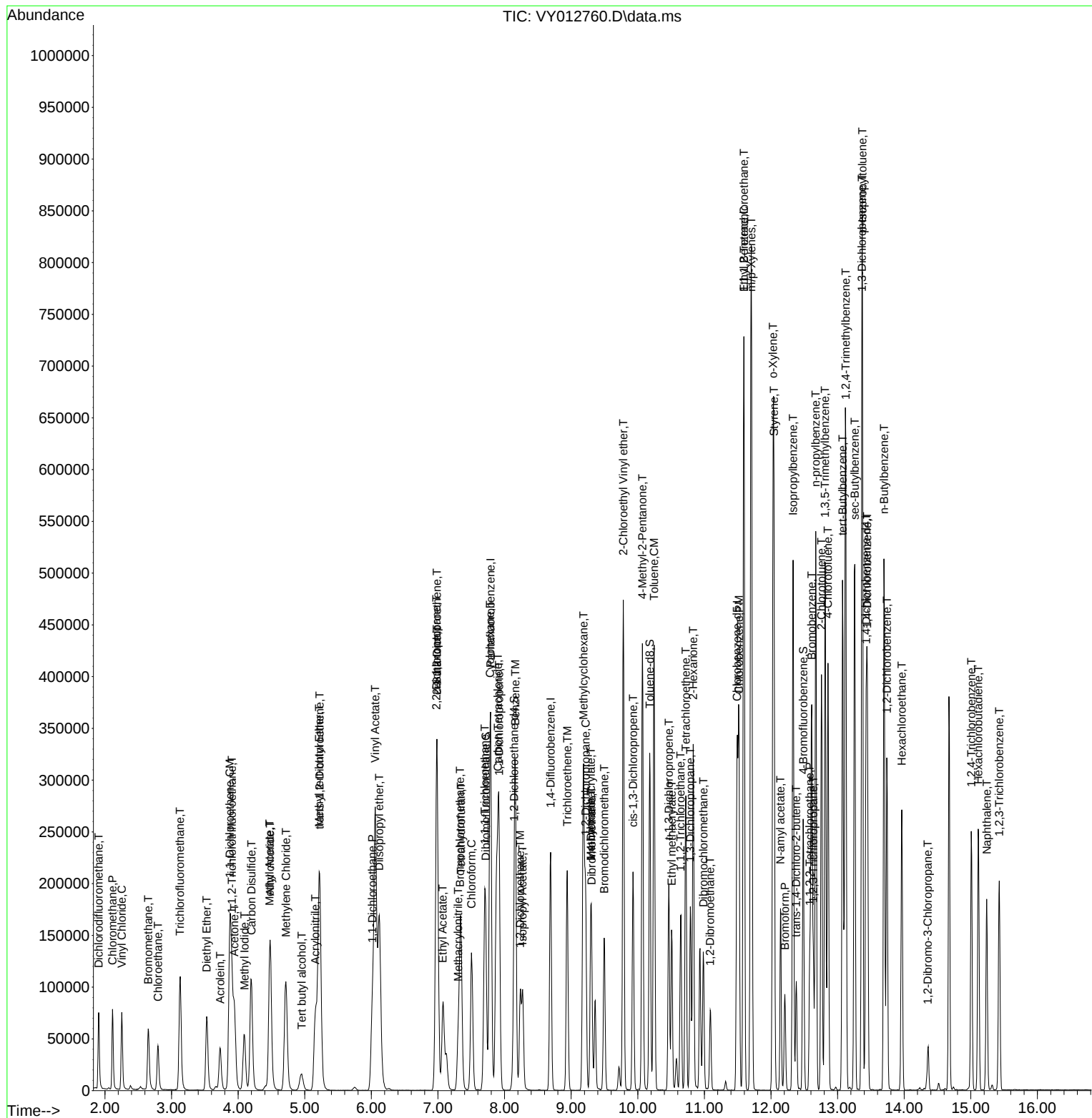
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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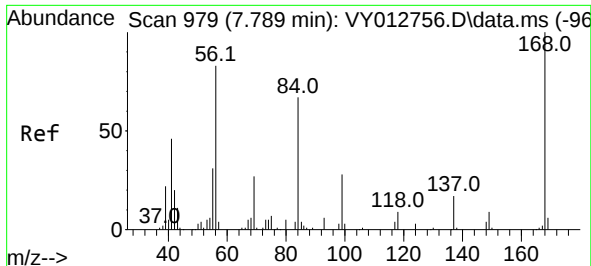
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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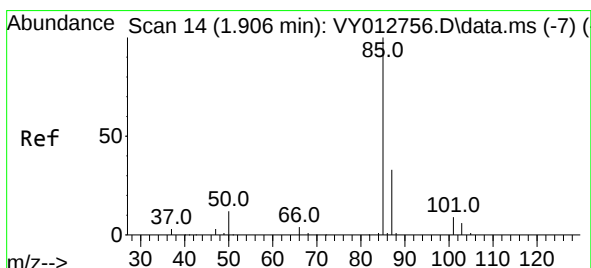
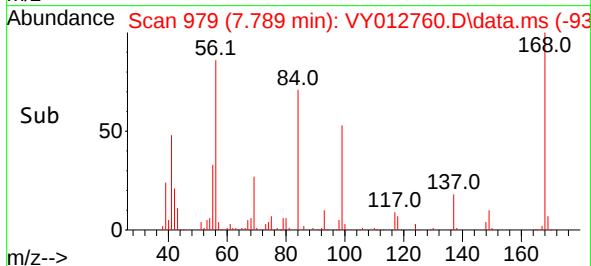
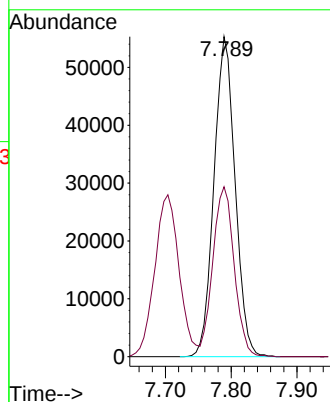
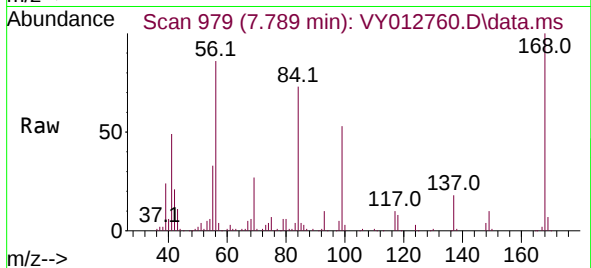




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012760.D
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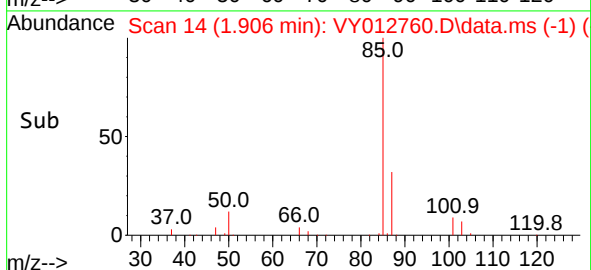
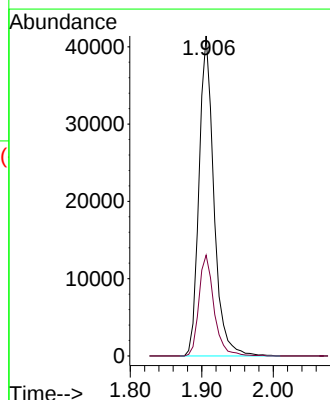
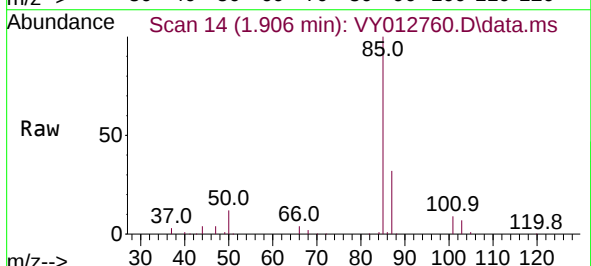
Instrument :
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ClientSampleId :
ICVVY030223

Tgt Ion:168 Resp: 123541
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 49.112 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 85 Resp: 59803
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0

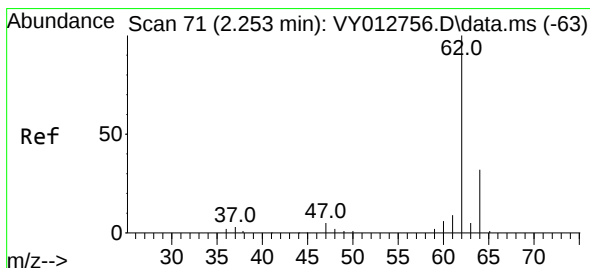
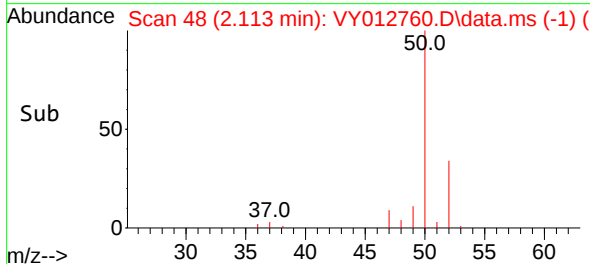
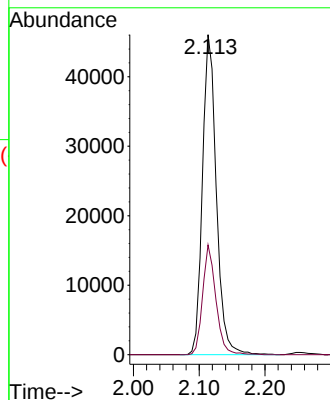
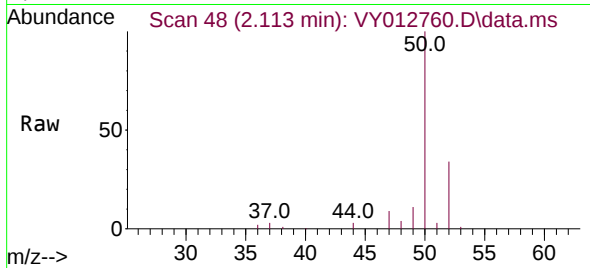




#3
Chloromethane
Concen: 46.426 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

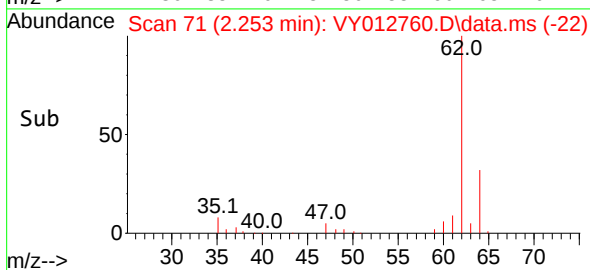
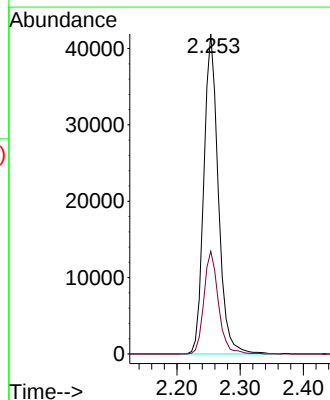
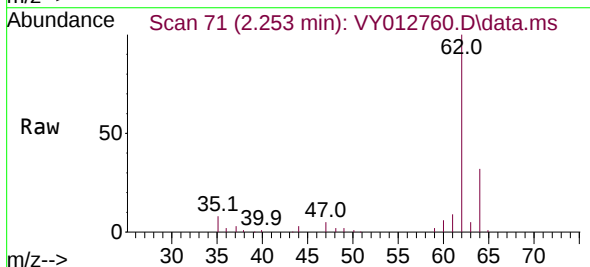
Instrument :
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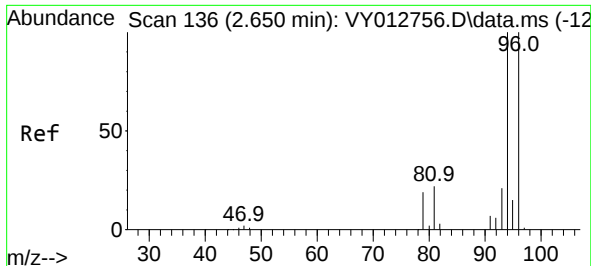
Tgt Ion: 50 Resp: 67584
Ion Ratio Lower Upper
50 100
52 34.3 26.0 39.0



#4
Vinyl Chloride
Concen: 50.029 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 62 Resp: 66784
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

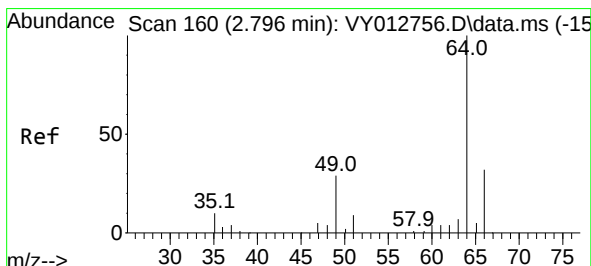
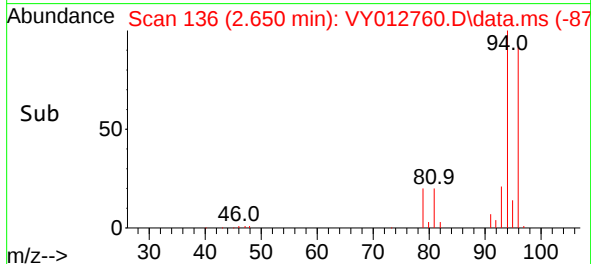
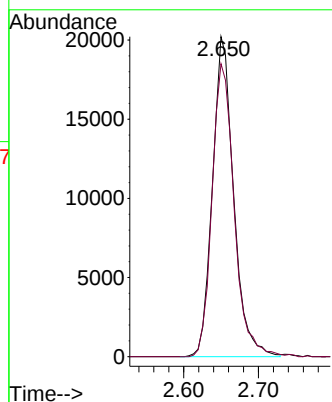
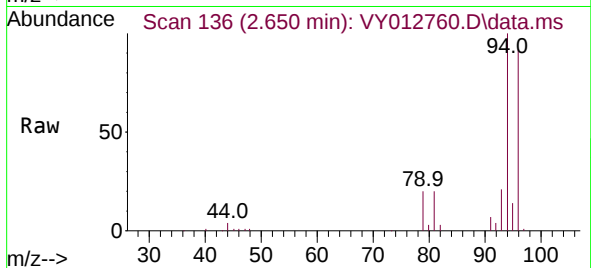




#5
Bromomethane
Concen: 49.112 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

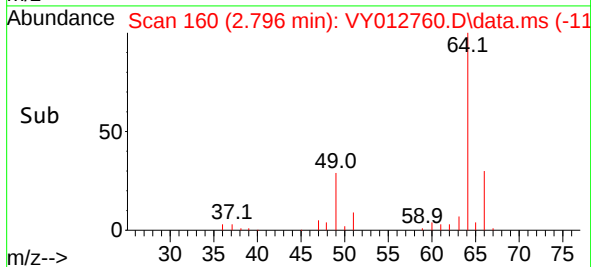
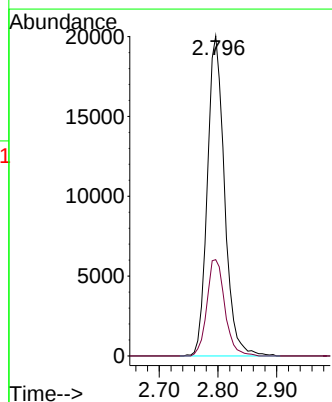
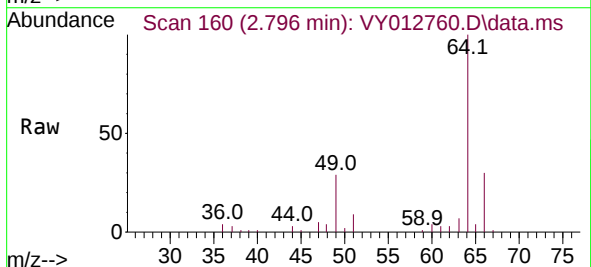
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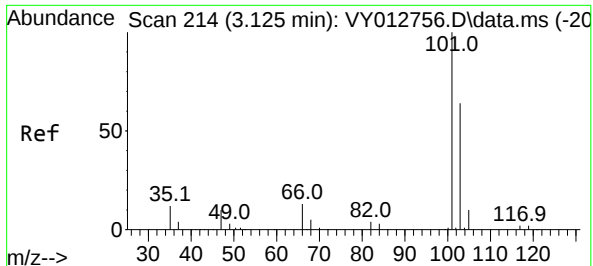
Tgt Ion: 94 Resp: 39836
Ion Ratio Lower Upper
94 100
96 91.6 80.3 120.5



#6
Chloroethane
Concen: 50.841 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 64 Resp: 40645
Ion Ratio Lower Upper
64 100
66 30.1 25.7 38.5

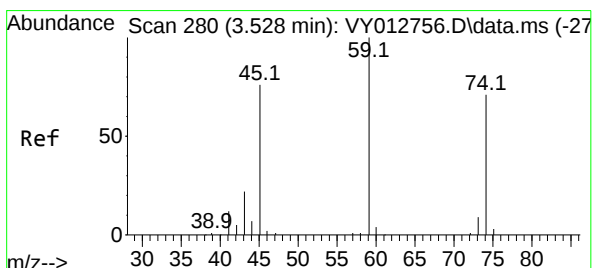
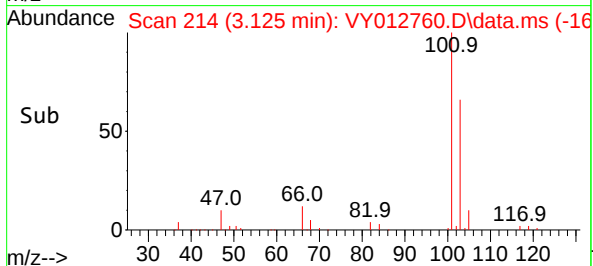
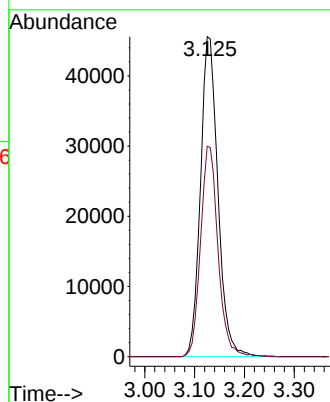
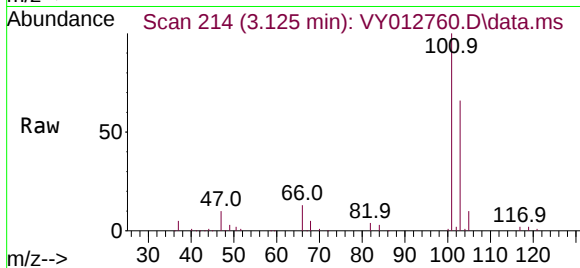




#7
 Trichlorofluoromethane
 Concen: 50.005 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012760.D
 Acq: 02 Mar 2023 15:07

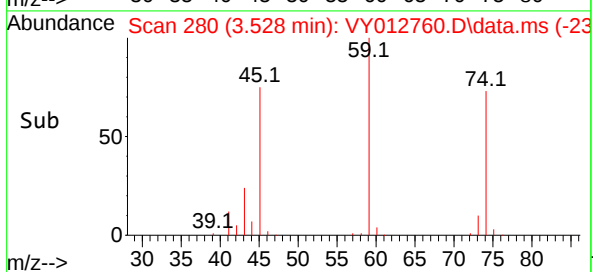
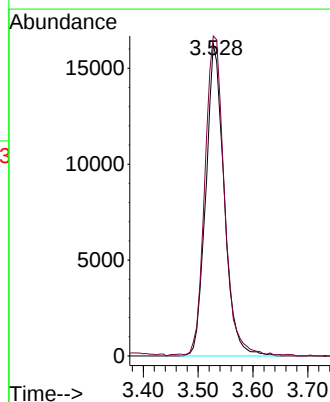
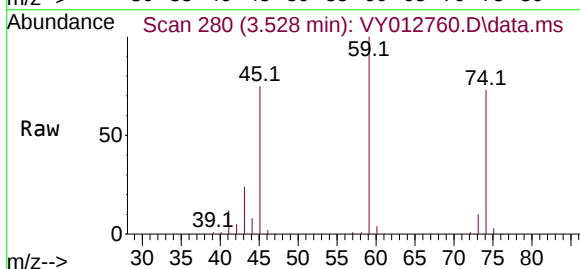
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Tgt Ion:101 Resp: 110867
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.519 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012760.D
 Acq: 02 Mar 2023 15:07

Tgt Ion: 74 Resp: 37697
 Ion Ratio Lower Upper
 74 100
 45 109.4 52.1 156.4

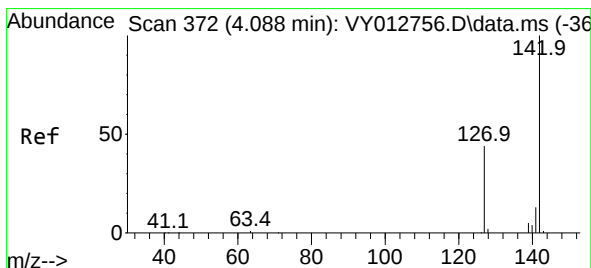
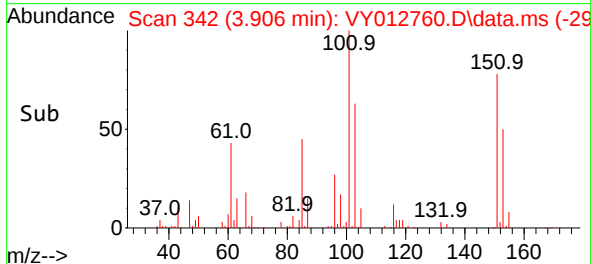
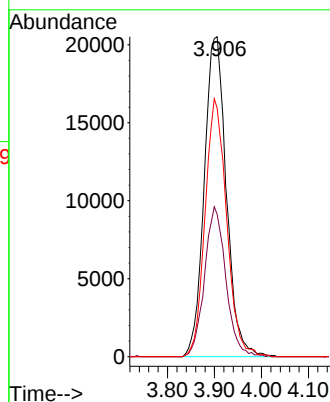
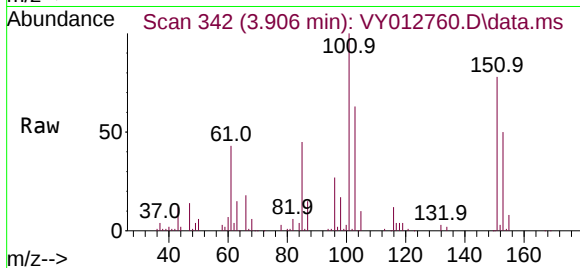




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.227 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

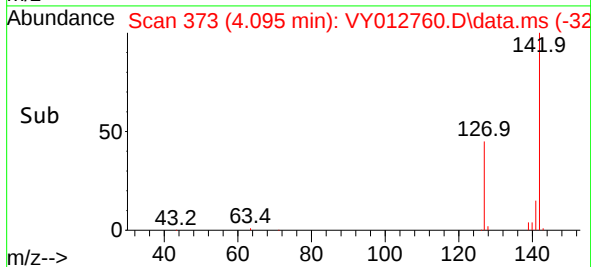
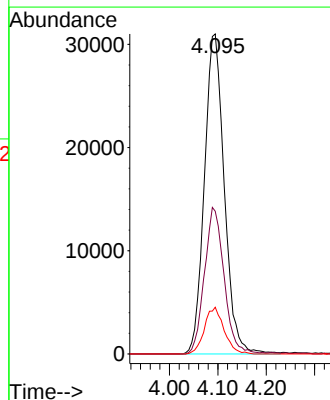
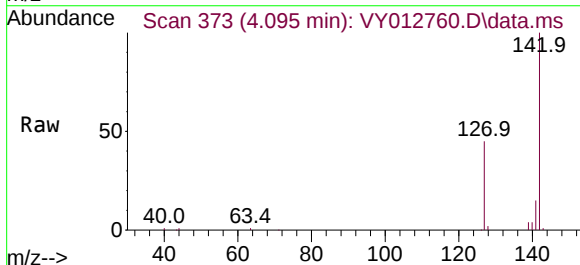
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

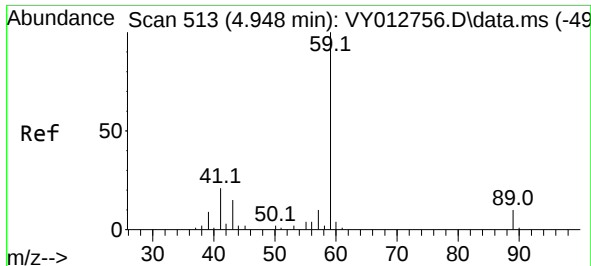
Tgt Ion:101 Resp: 66997
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 78.7 63.1 94.7



#10
Methyl Iodide
Concen: 51.011 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:142 Resp: 88659
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.4 11.3 16.9

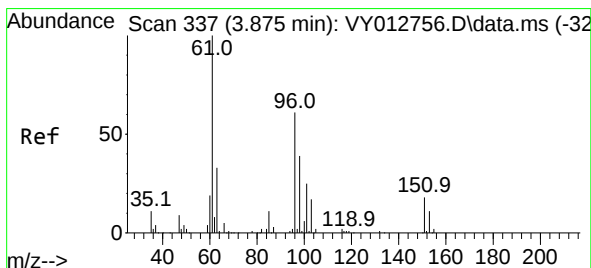
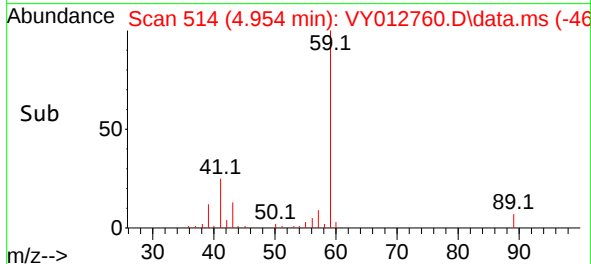
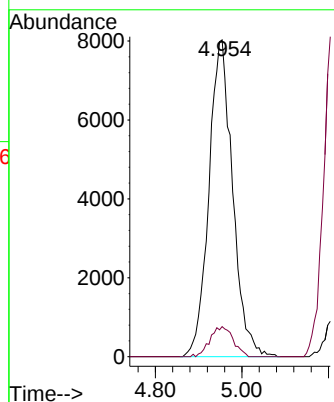
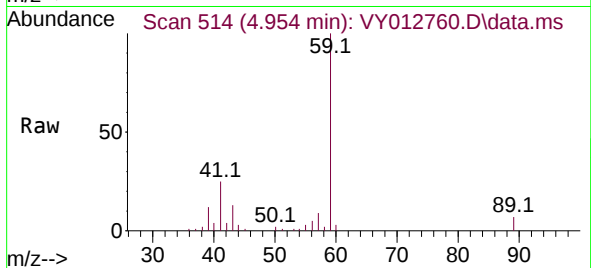




#11
Tert butyl alcohol
Concen: 213.816 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

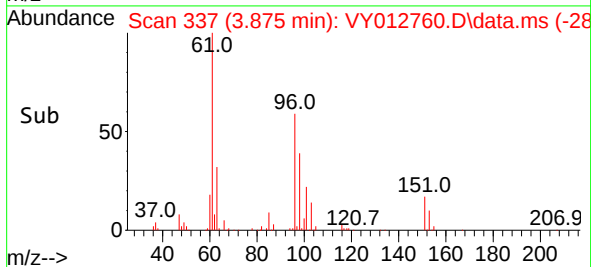
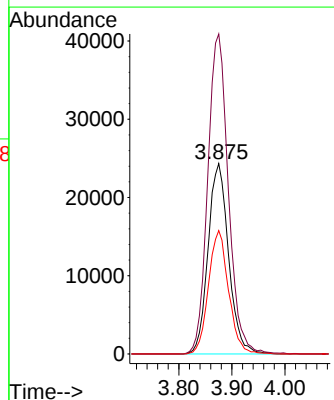
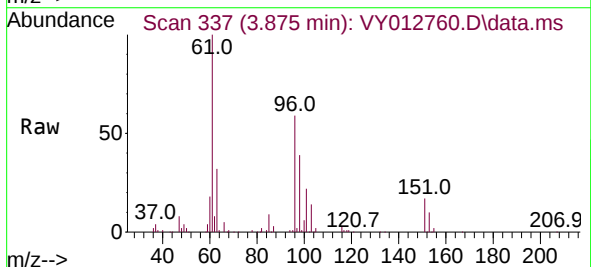
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030223

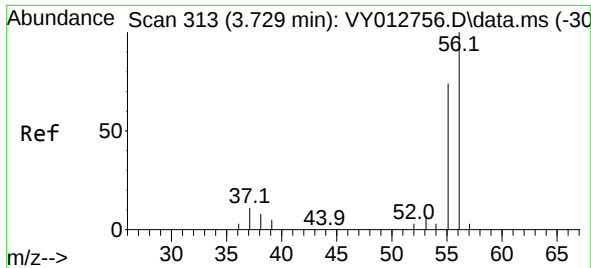
Tgt Ion: 59 Resp: 30573
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.484 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 96 Resp: 65498
Ion Ratio Lower Upper
96 100
61 168.1 131.7 197.5
98 64.8 52.0 78.0





#13

Acrolein

Concen: 227.050 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

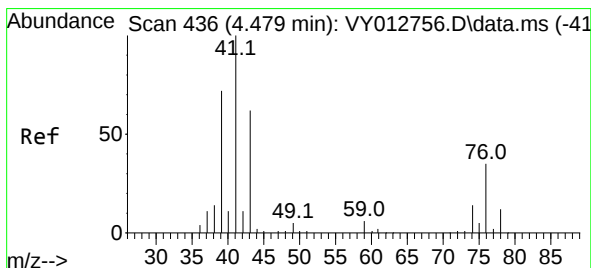
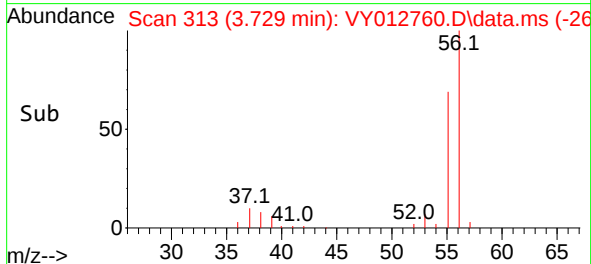
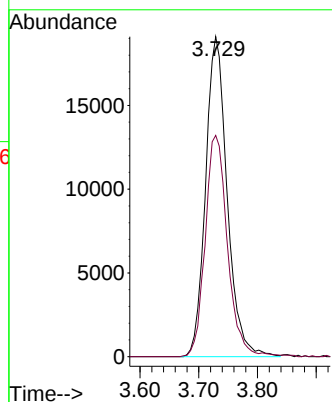
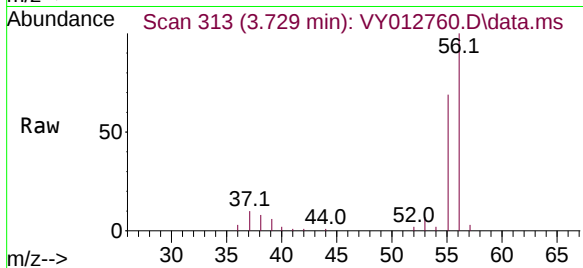
ICVVY030223

Tgt Ion: 56 Resp: 48793

Ion Ratio Lower Upper

56 100

55 71.5 56.8 85.2



#14

Allyl chloride

Concen: 53.555 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

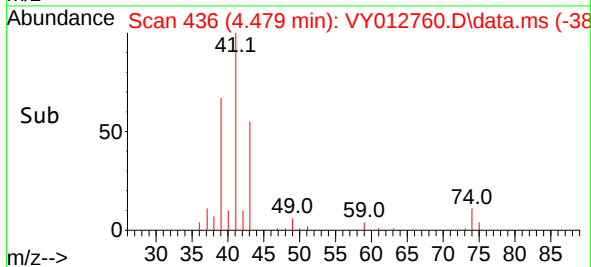
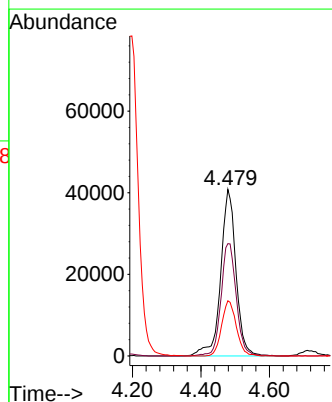
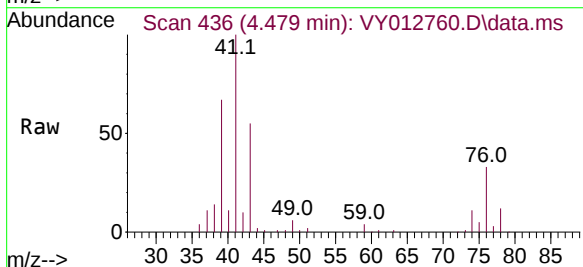
Tgt Ion: 41 Resp: 125854

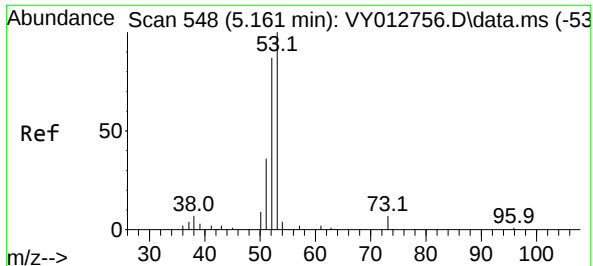
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 31.8 27.2 40.8

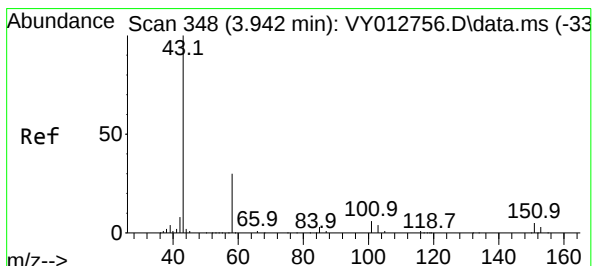
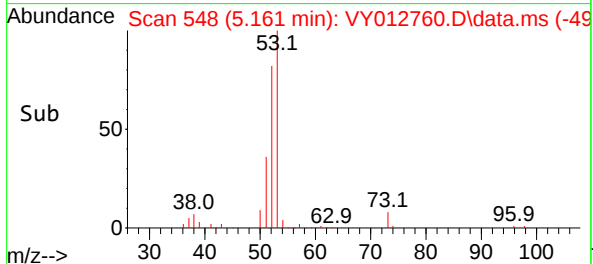
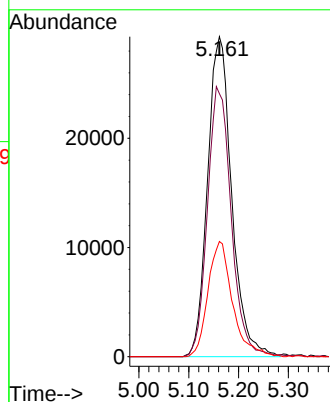
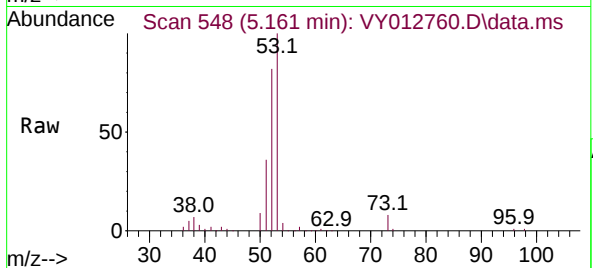




#15
Acrylonitrile
Concen: 240.923 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

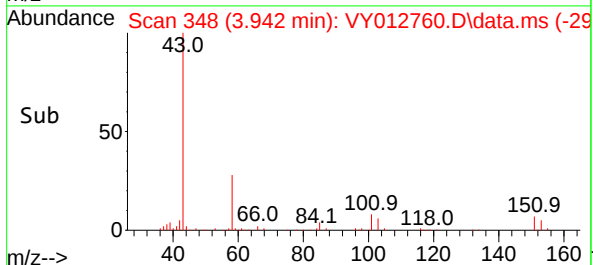
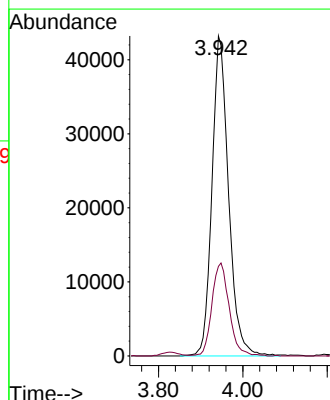
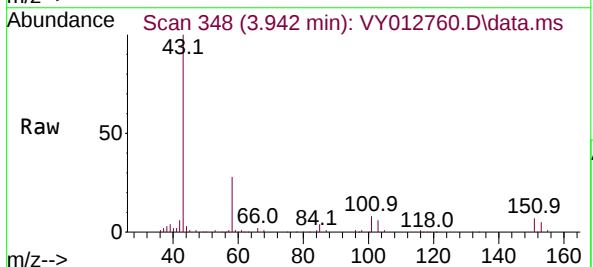
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

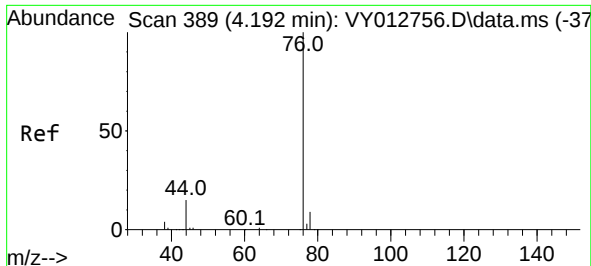
Tgt Ion: 53	Resp:	98628
Ion	Ratio	Lower Upper
53	100	
52	83.3	66.3 99.5
51	36.6	28.8 43.2



#16
Acetone
Concen: 245.087 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 43	Resp:	117997
Ion	Ratio	Lower Upper
43	100	
58	28.0	24.2 36.2

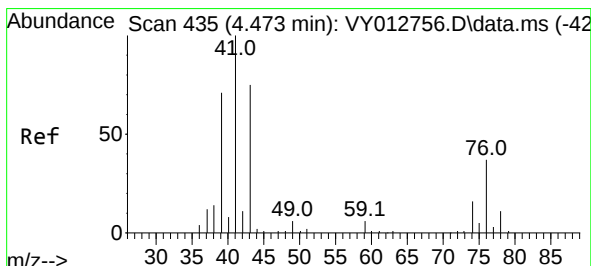
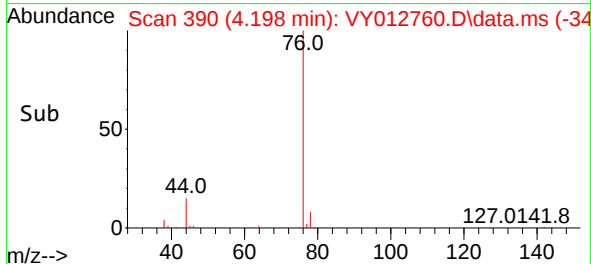
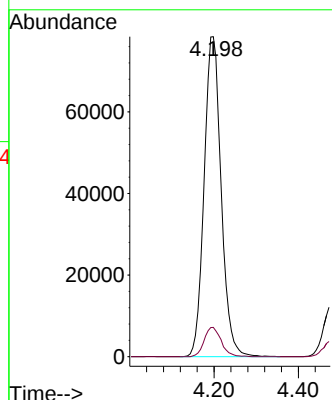
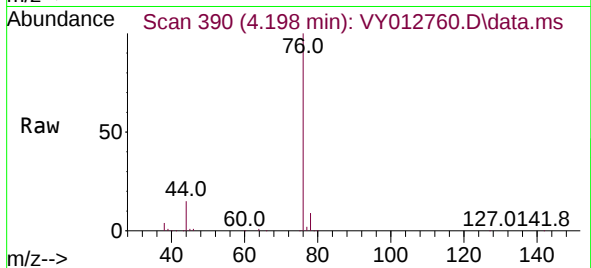




#17
Carbon Disulfide
Concen: 50.937 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

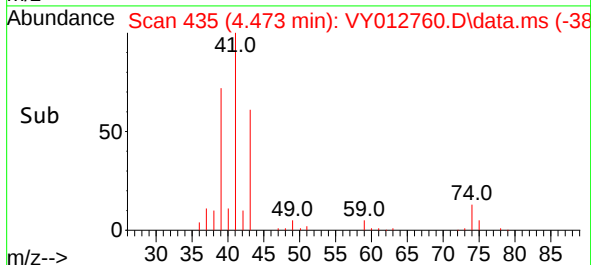
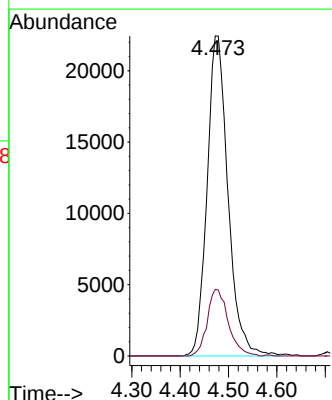
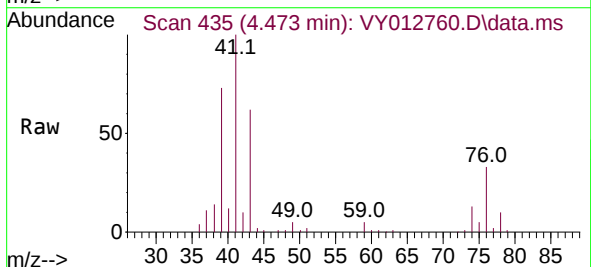
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030223

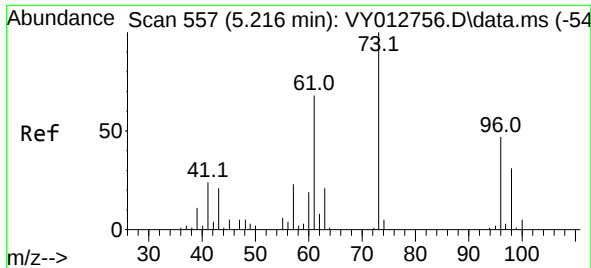
Tgt Ion: 76 Resp: 220576
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 46.969 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 43 Resp: 67341
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0

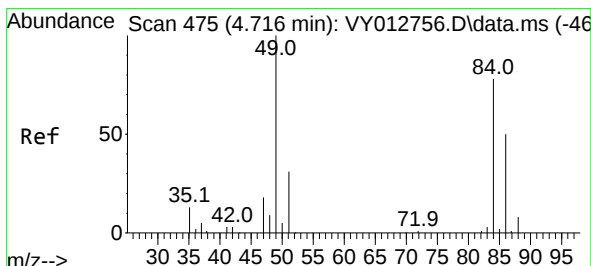
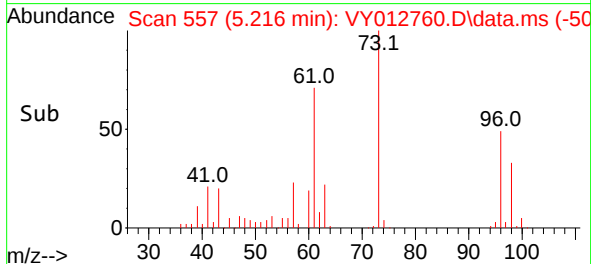
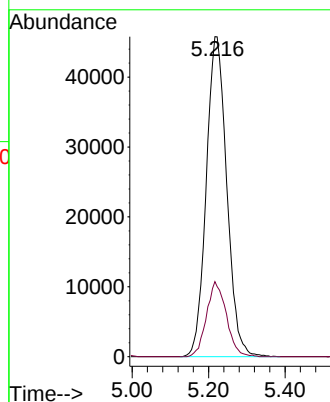
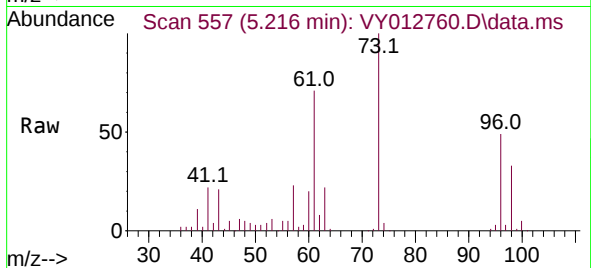




#19
Methyl tert-butyl Ether
Concen: 51.793 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

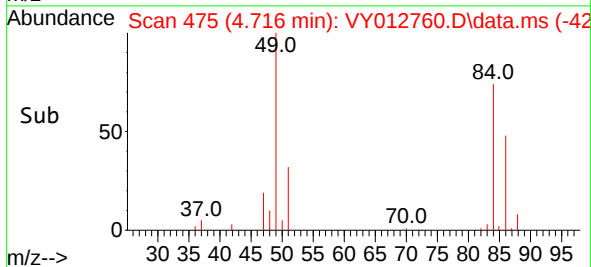
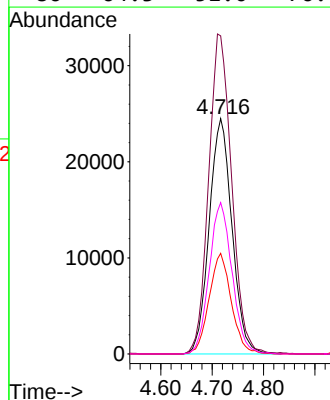
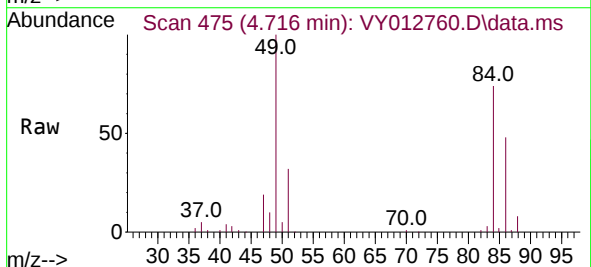
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

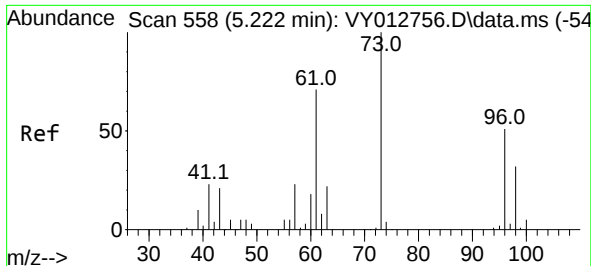
Tgt Ion: 73 Resp: 170192
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 51.675 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 84 Resp: 75655
Ion Ratio Lower Upper
84 100
49 135.2 102.6 154.0
51 42.8 31.9 47.9
86 64.3 51.0 76.6

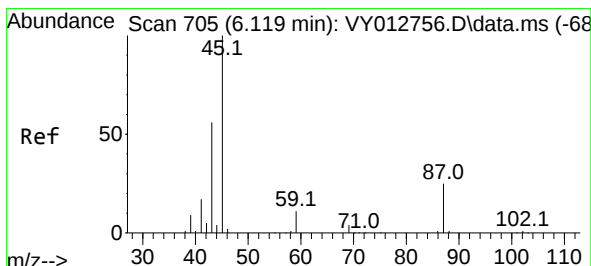
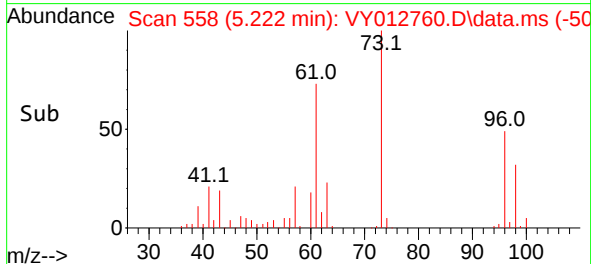
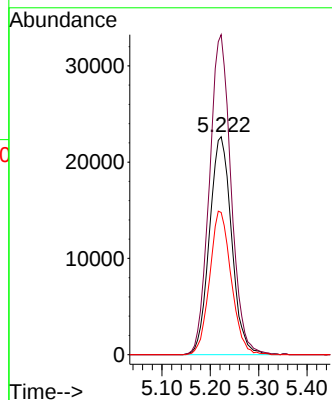
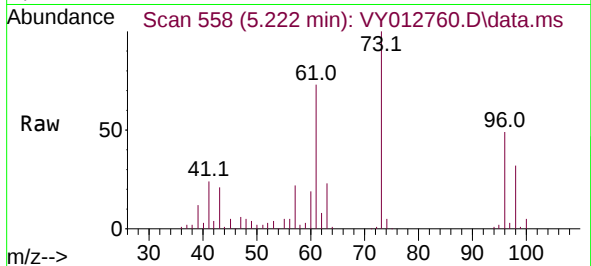




#21
trans-1,2-Dichloroethene
Concen: 52.077 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

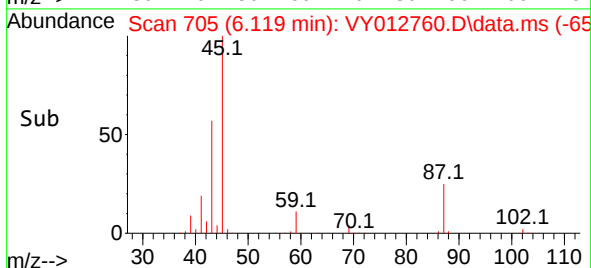
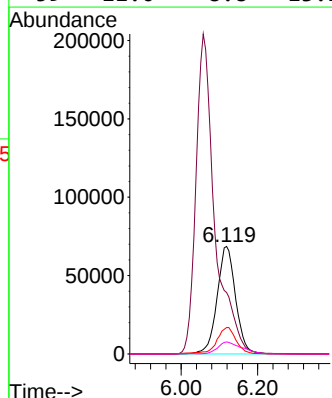
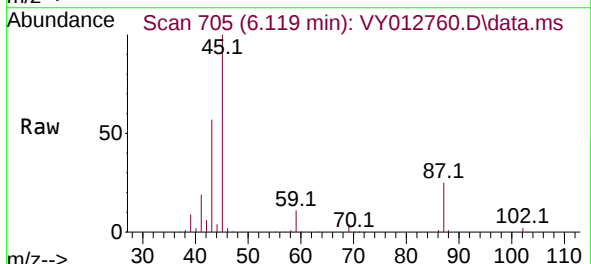
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

Tgt Ion: 96 Resp: 71996
Ion Ratio Lower Upper
96 100
61 146.8 111.4 167.0
98 65.3 50.8 76.2



#22
Diisopropyl ether
Concen: 54.053 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 45 Resp: 230711
Ion Ratio Lower Upper
45 100
43 56.7 45.0 67.6
87 24.6 20.3 30.5
59 11.0 8.8 13.2

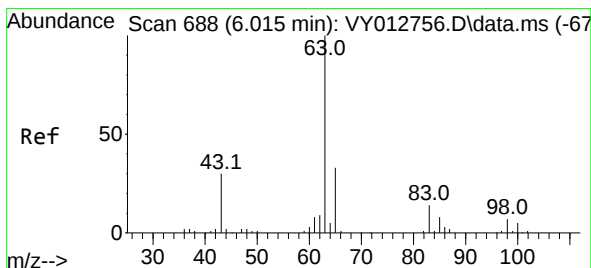
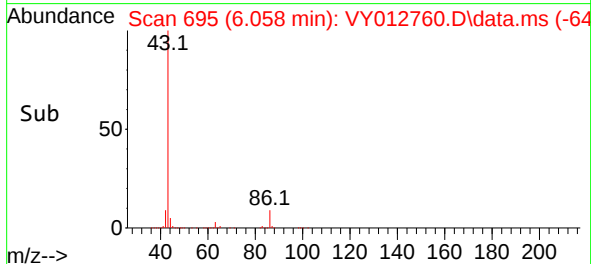
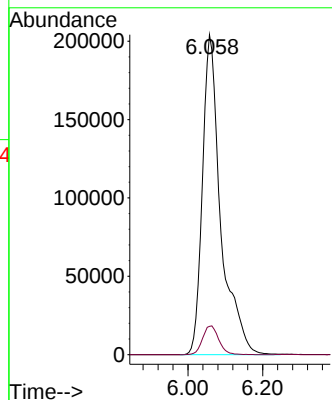
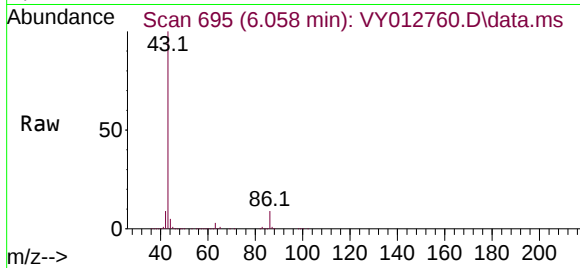




#23
 Vinyl Acetate
 Concen: 262.152 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012760.D
 Acq: 02 Mar 2023 15:07

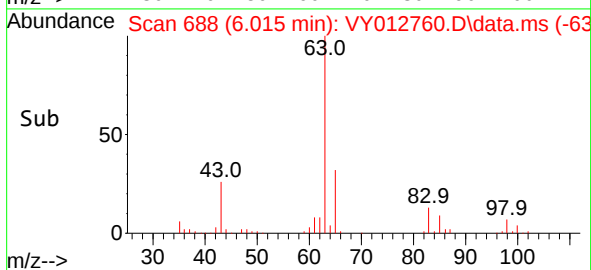
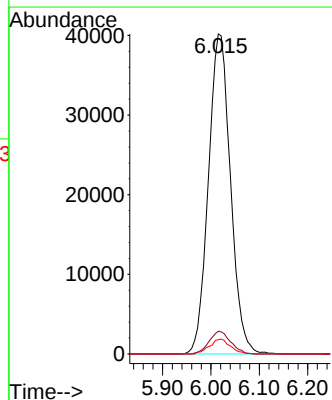
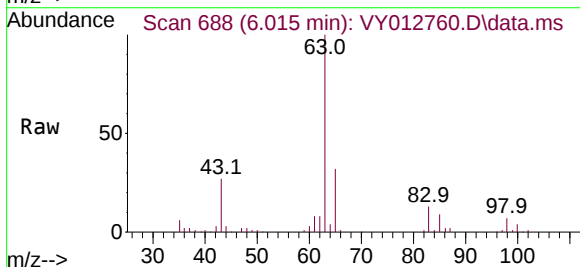
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030223

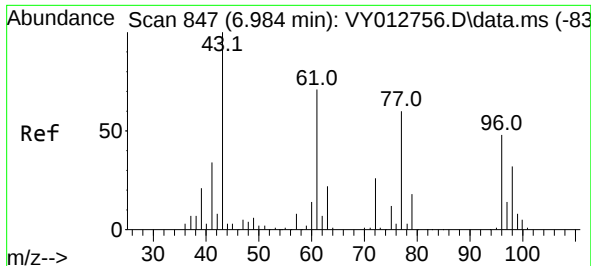
Tgt Ion: 43 Resp: 695241
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.370 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012760.D
 Acq: 02 Mar 2023 15:07

Tgt Ion: 63 Resp: 127374
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 240.252 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

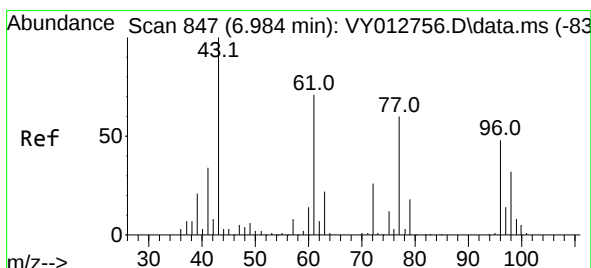
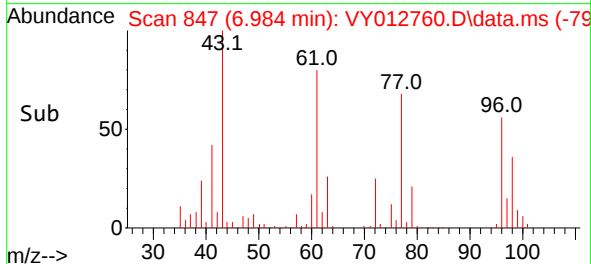
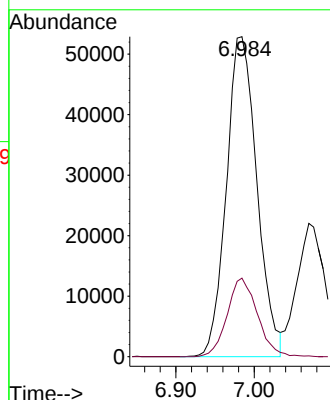
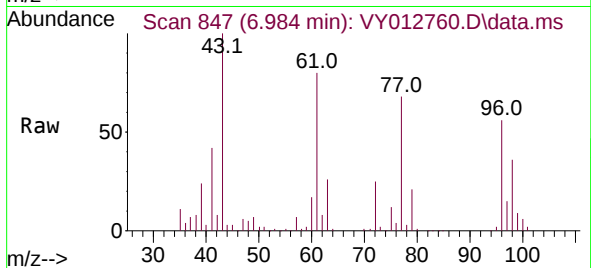
ICVVY030223

Tgt Ion: 43 Resp: 143266

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.196 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012760.D

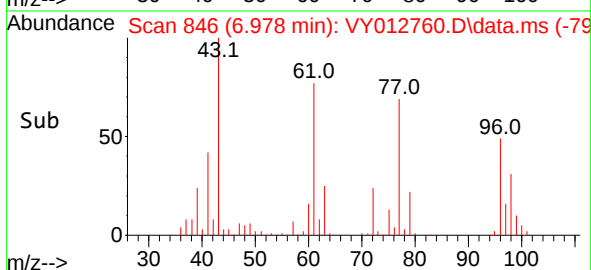
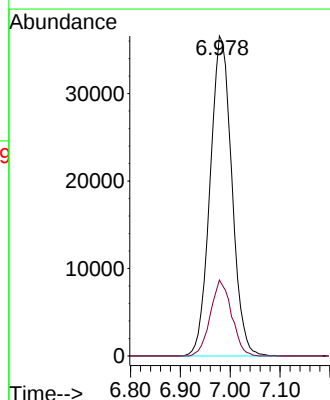
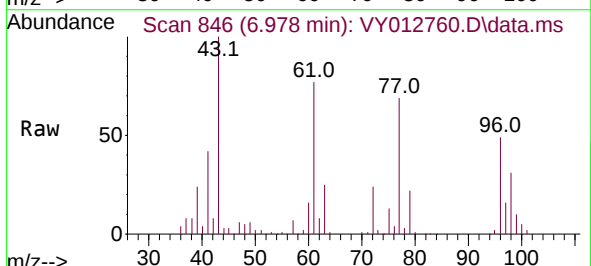
Acq: 02 Mar 2023 15:07

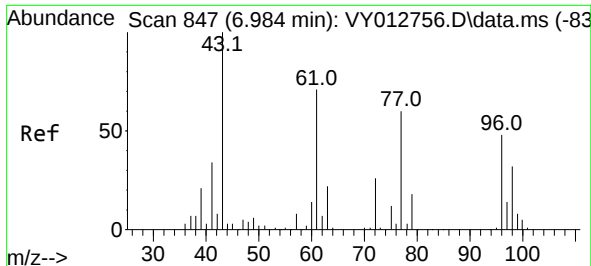
Tgt Ion: 77 Resp: 110593

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.882 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

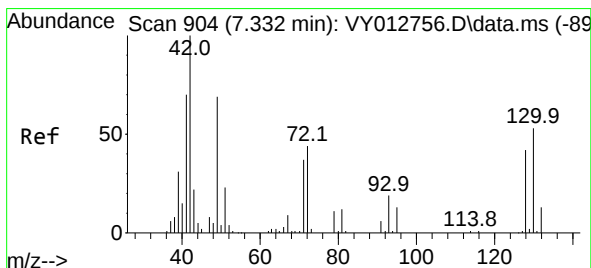
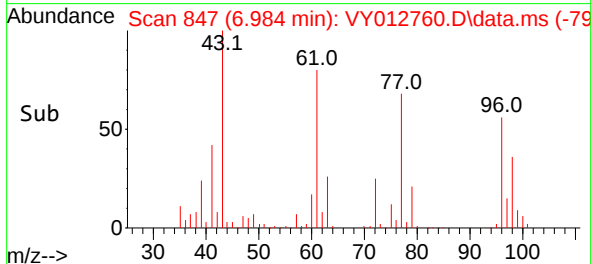
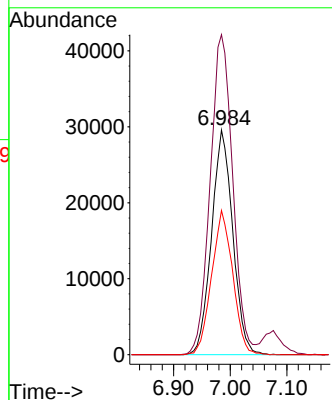
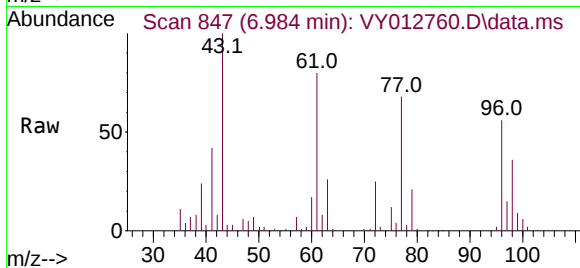
Tgt Ion: 96 Resp: 76900

Ion Ratio Lower Upper

96 100

61 151.4 0.0 295.8

98 64.0 0.0 130.2



#28

Bromochloromethane

Concen: 51.985 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

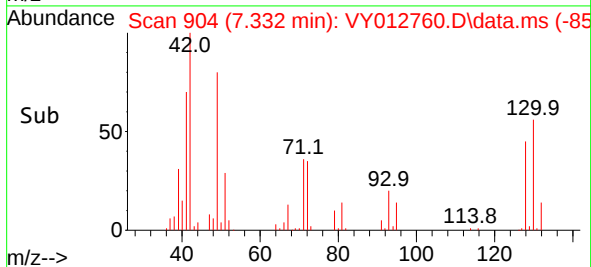
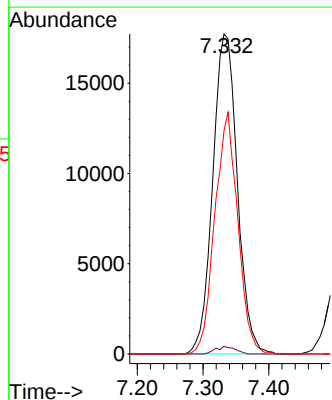
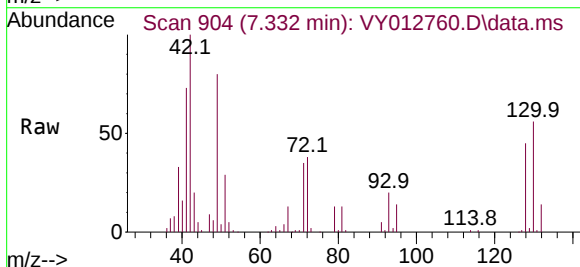
Tgt Ion: 49 Resp: 46206

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 70.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 240.797 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030223

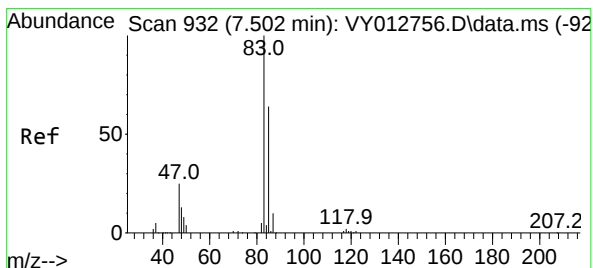
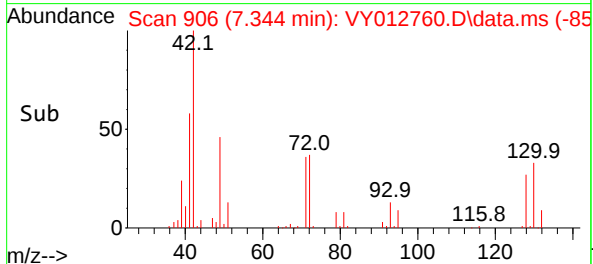
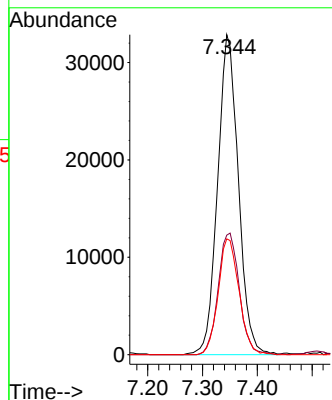
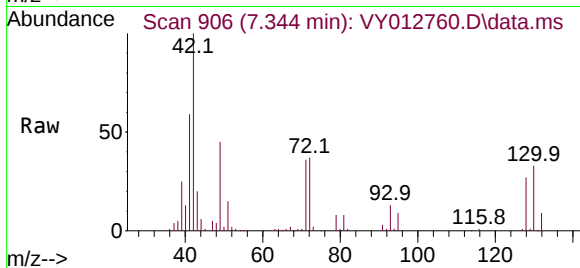
Tgt Ion: 42 Resp: 86603

Ion Ratio Lower Upper

42 100

72 38.6 32.3 48.5

71 36.5 30.3 45.5



#30

Chloroform

Concen: 51.749 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012760.D

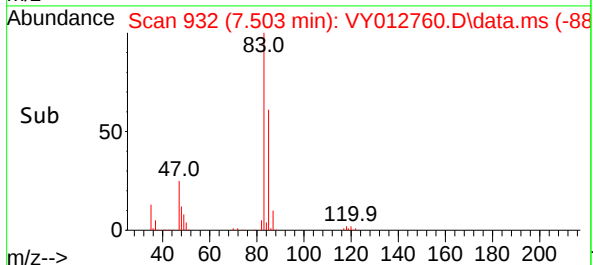
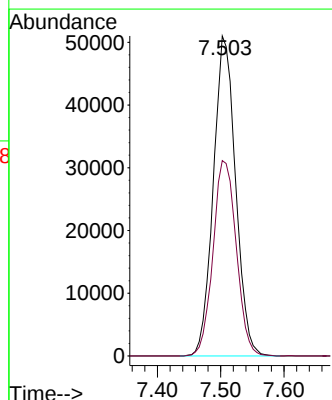
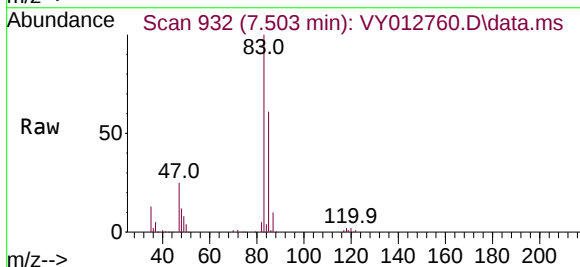
Acq: 02 Mar 2023 15:07

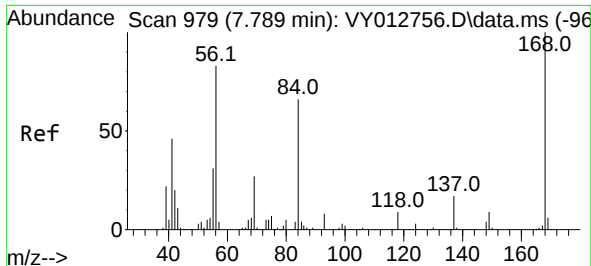
Tgt Ion: 83 Resp: 124323

Ion Ratio Lower Upper

83 100

85 61.1 51.4 77.0

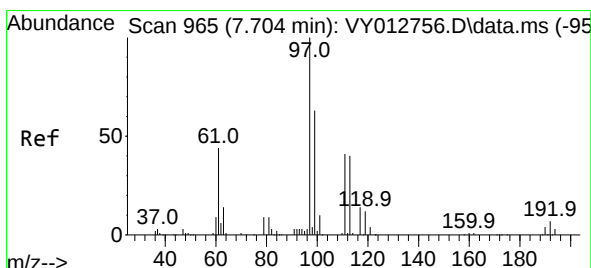
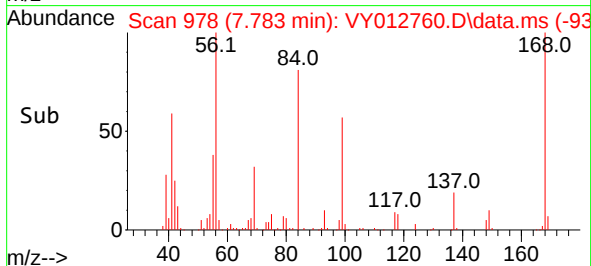
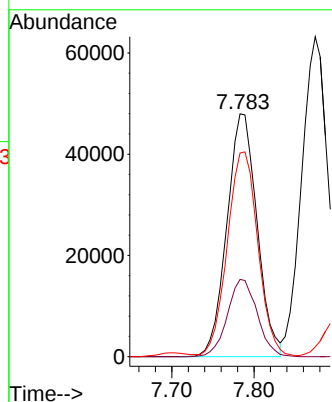
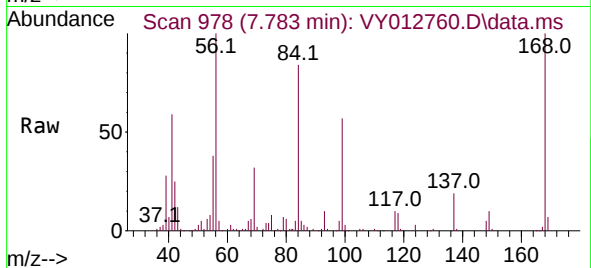




#31
Cyclohexane
Concen: 52.127 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

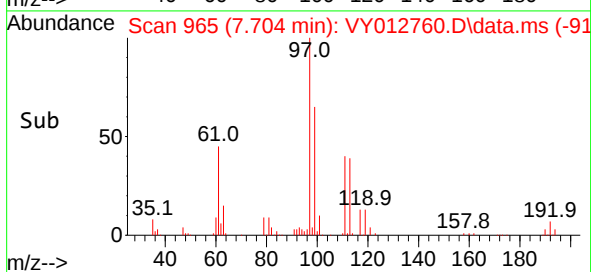
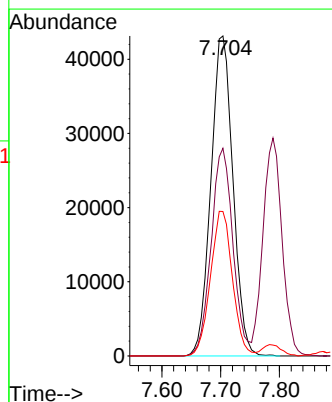
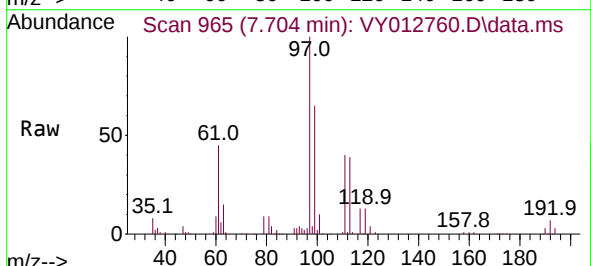
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

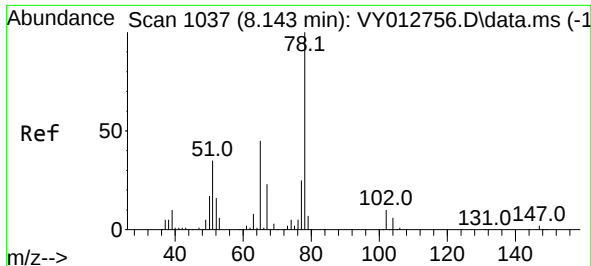
Tgt Ion: 56 Resp: 122454
Ion Ratio Lower Upper
56 100
69 31.8 25.7 38.5
84 82.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.809 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 97 Resp: 112560
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 45.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.440 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

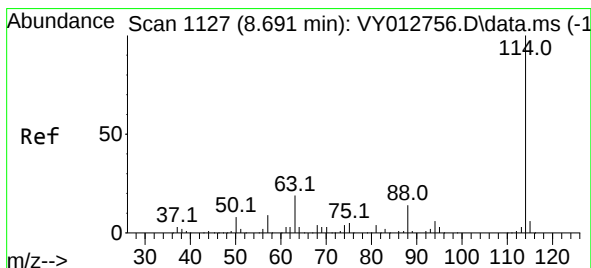
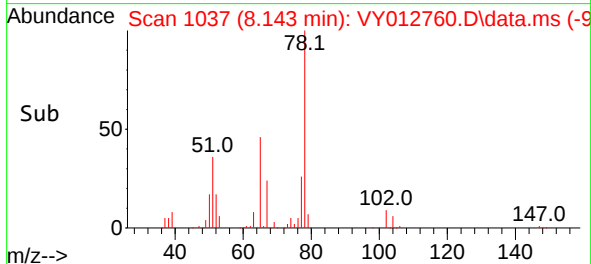
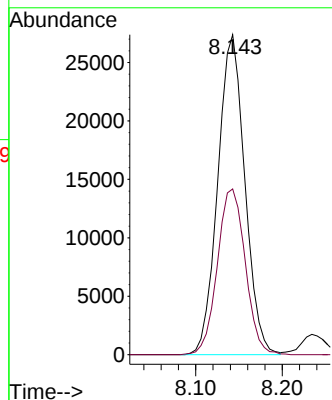
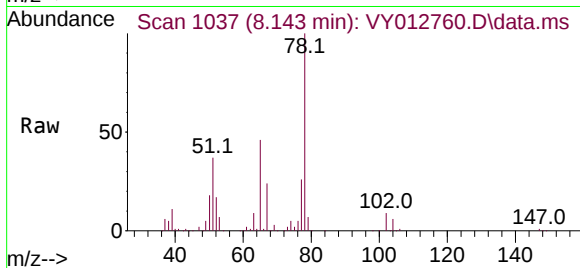
ICVVY030223

Tgt Ion: 65 Resp: 59416

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

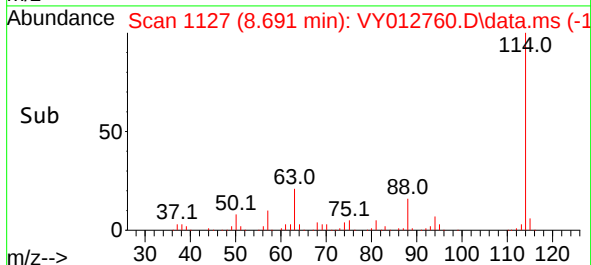
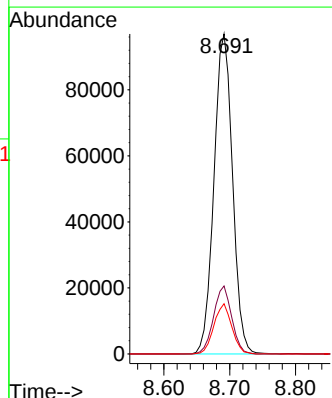
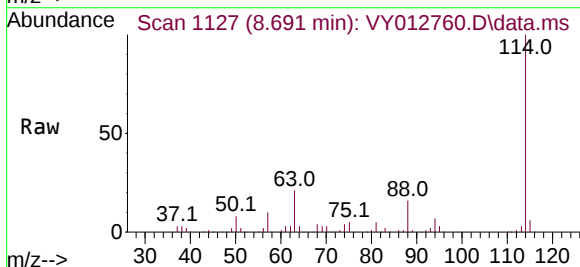
Tgt Ion: 114 Resp: 190379

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.494 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

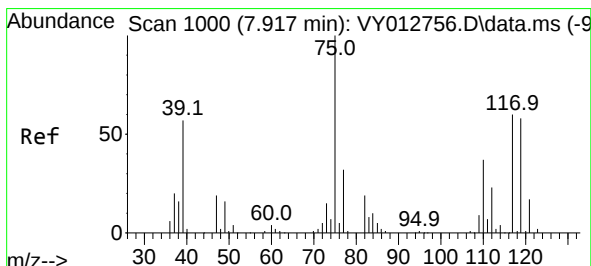
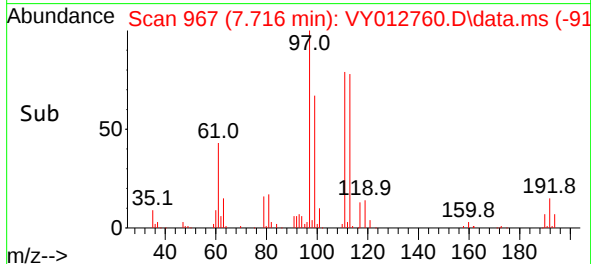
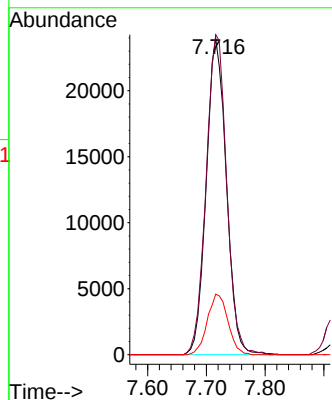
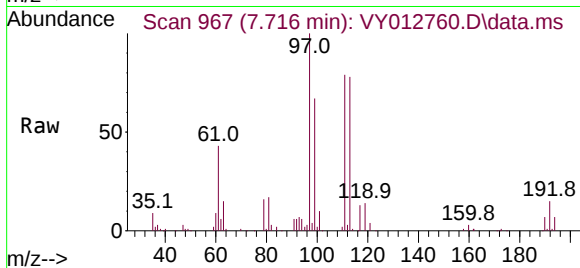
Tgt Ion:113 Resp: 56865

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 19.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 52.013 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

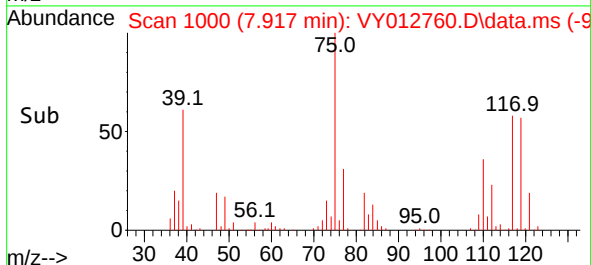
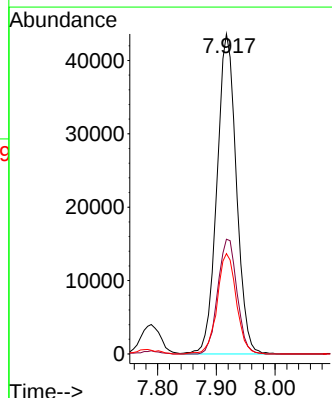
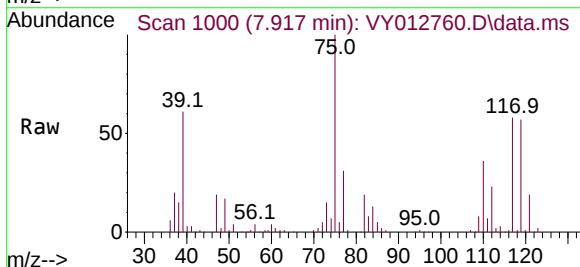
Tgt Ion: 75 Resp: 100143

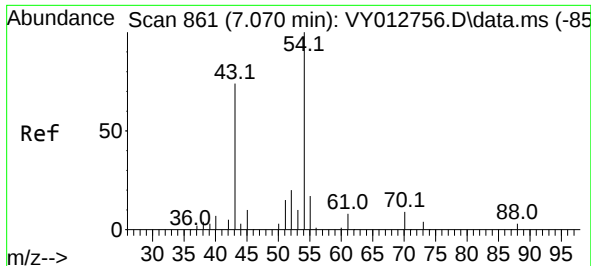
Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 47.551 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030223

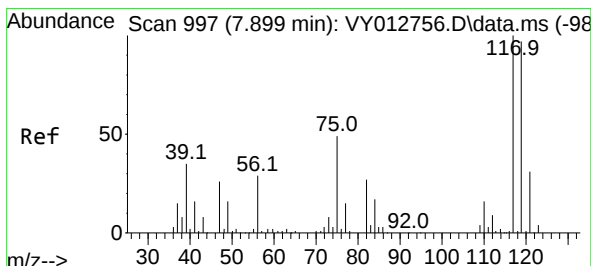
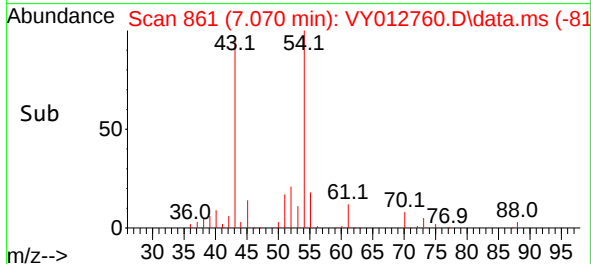
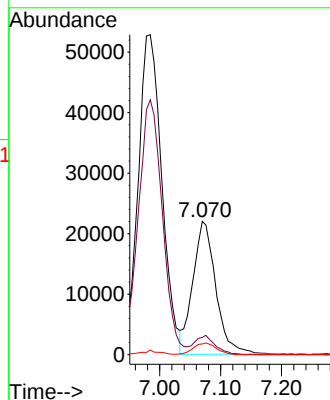
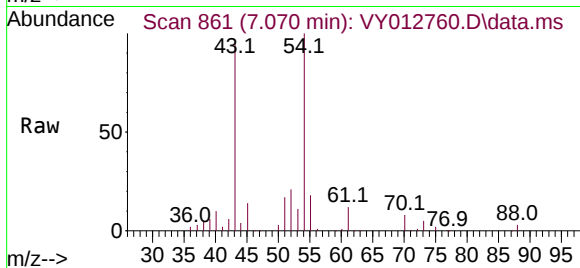
Tgt Ion: 43 Resp: 57704

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.028 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

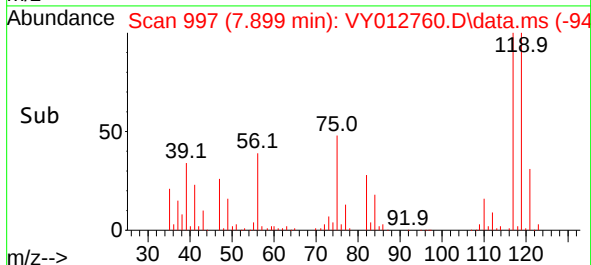
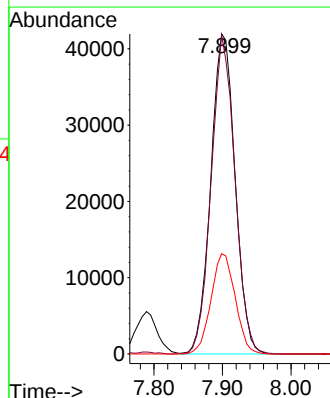
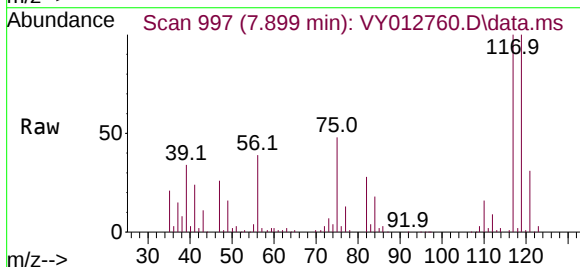
Tgt Ion: 117 Resp: 103444

Ion Ratio Lower Upper

117 100

119 99.7 77.2 115.8

121 31.4 24.7 37.1





#39

Methylcyclohexane

Concen: 54.025 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

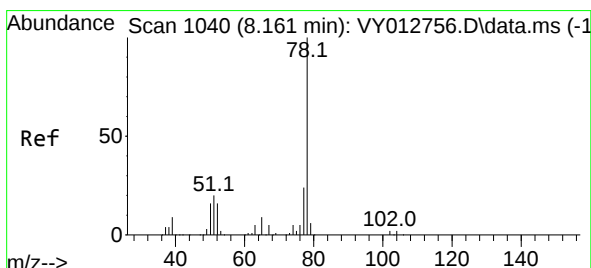
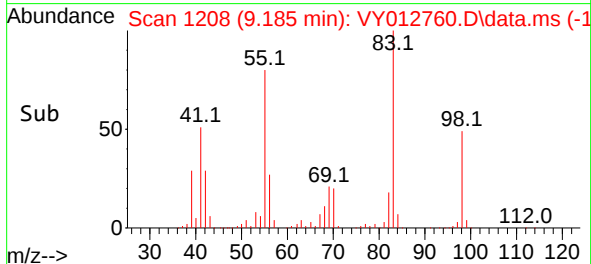
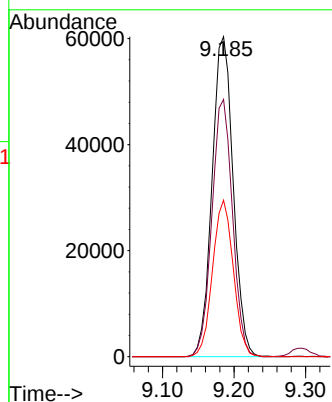
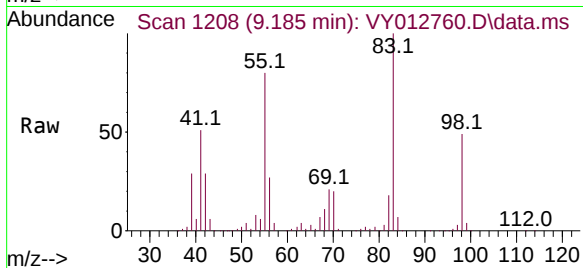
Tgt Ion: 83 Resp: 123665

Ion Ratio Lower Upper

83 100

55 80.4 60.0 90.0

98 48.9 38.3 57.5



#40

Benzene

Concen: 51.573 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012760.D

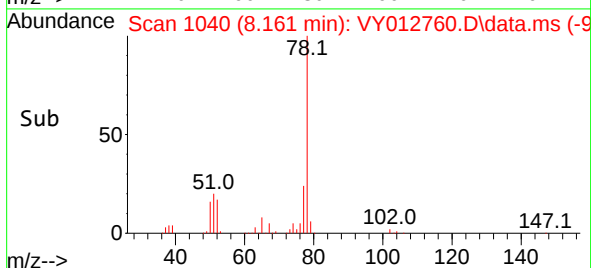
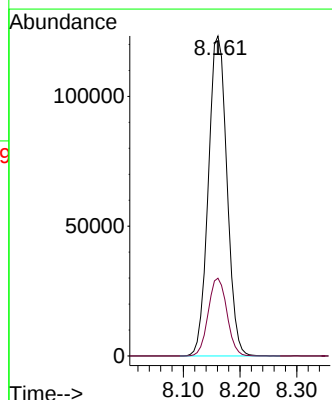
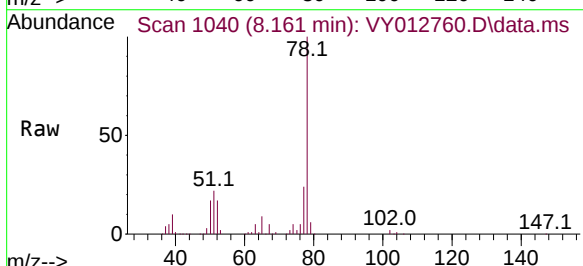
Acq: 02 Mar 2023 15:07

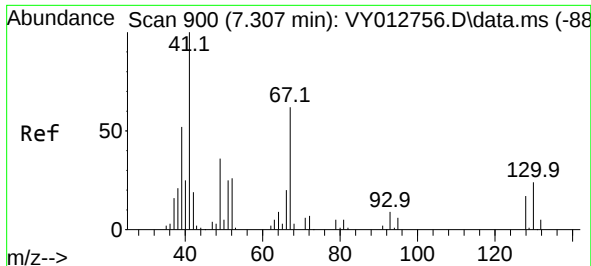
Tgt Ion: 78 Resp: 280882

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

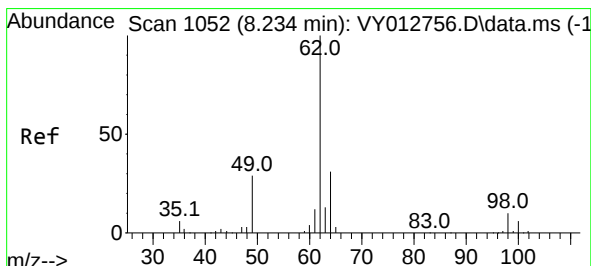
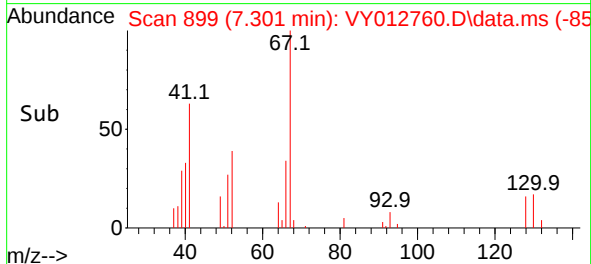
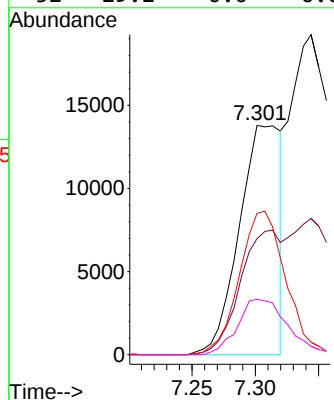
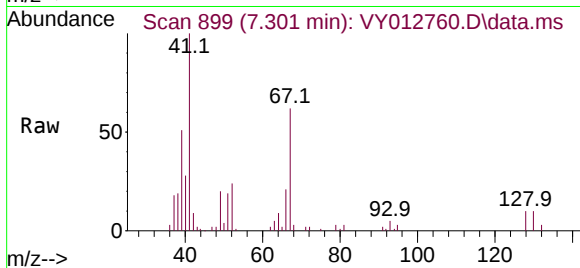




#41
Methacrylonitrile
Concen: 48.333 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

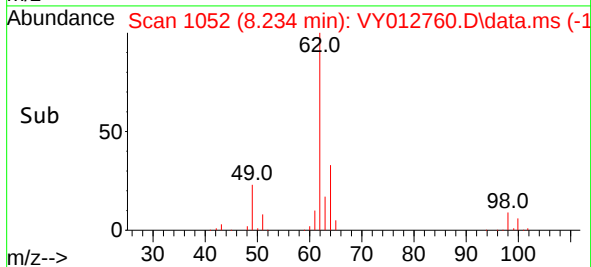
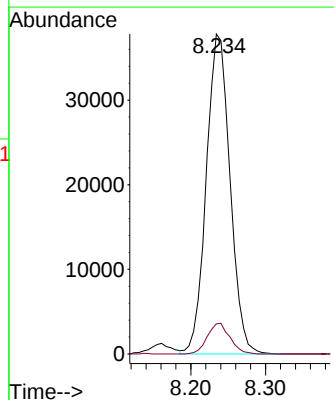
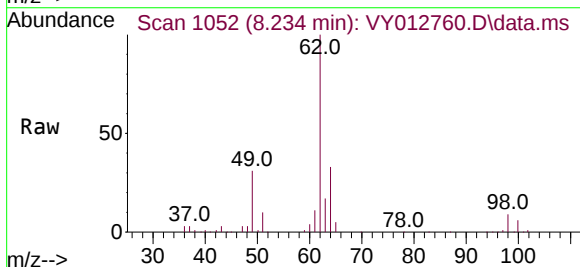
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

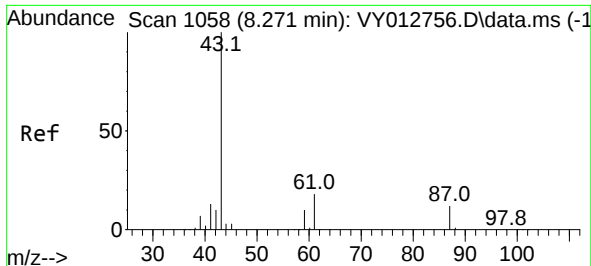
Tgt Ion:	41	Resp:	31601
Ion	Ratio	Lower	Upper
41	100		
39	52.6	0.0	0.0#
67	69.9	0.0	0.0#
52	29.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 50.971 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:	62	Resp:	83461
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

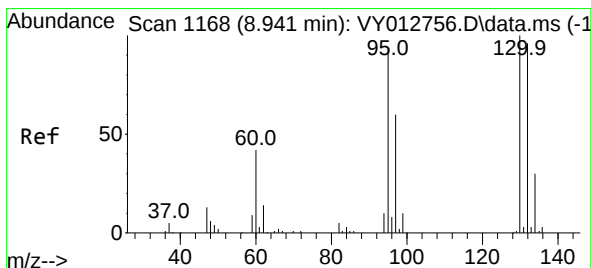
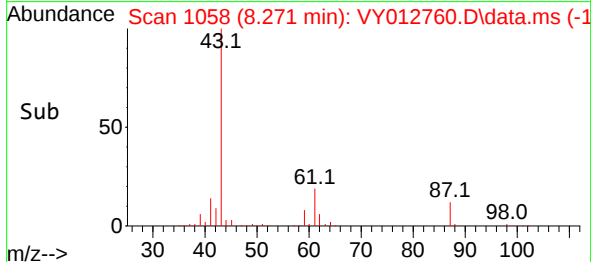
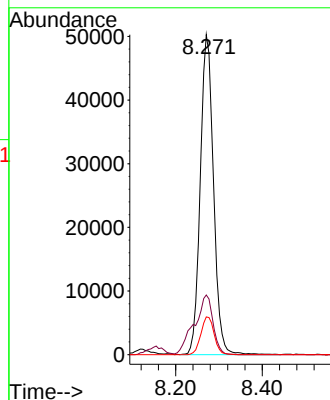
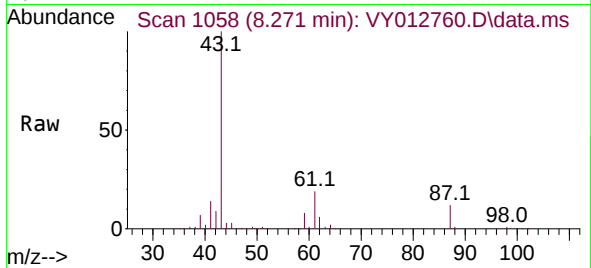




#43
Isopropyl Acetate
Concen: 49.278 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

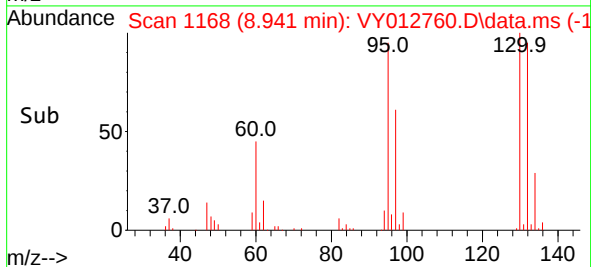
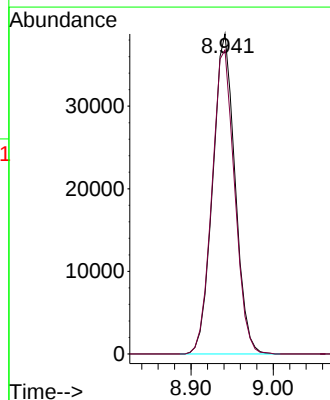
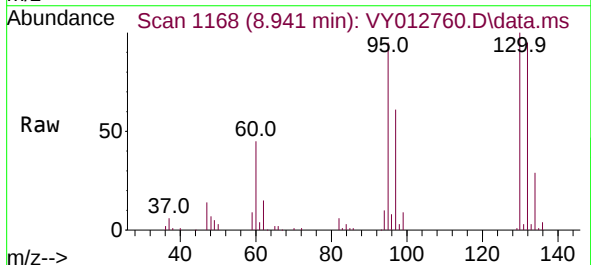
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

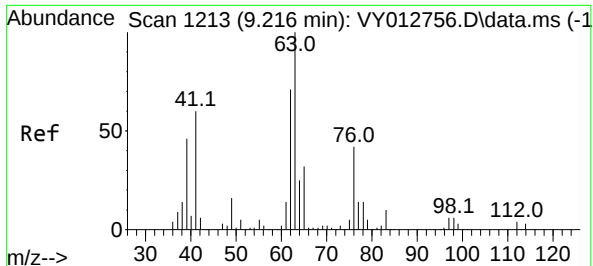
Tgt Ion: 43 Resp: 106691
Ion Ratio Lower Upper
43 100
61 26.3 21.6 32.4
87 11.8 9.9 14.9



#44
Trichloroethene
Concen: 50.721 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:130 Resp: 72833
Ion Ratio Lower Upper
130 100
95 95.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 52.294 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

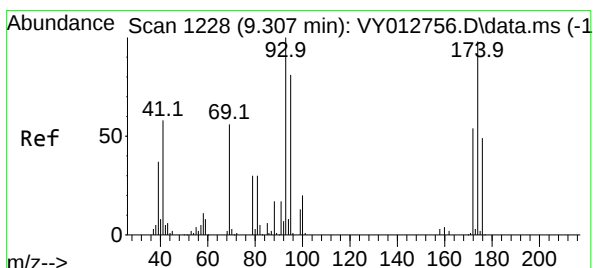
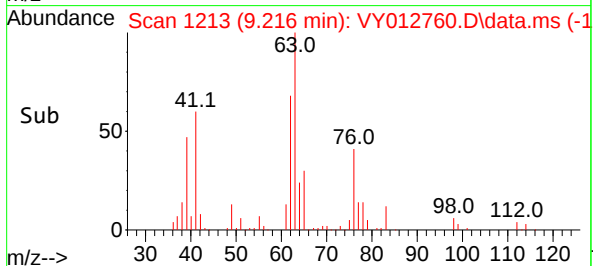
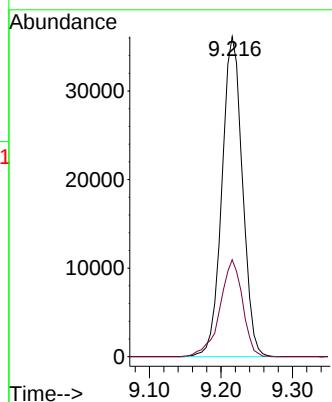
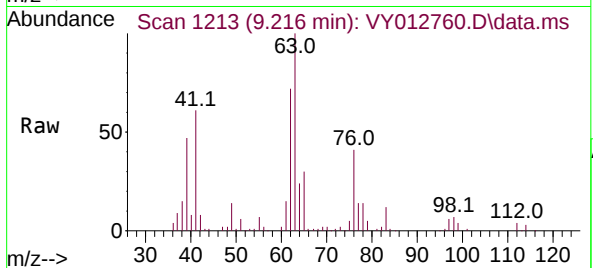
ICVVY030223

Tgt Ion: 63 Resp: 71979

Ion Ratio Lower Upper

63 100

65 30.3 25.7 38.5



#46

Dibromomethane

Concen: 49.083 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

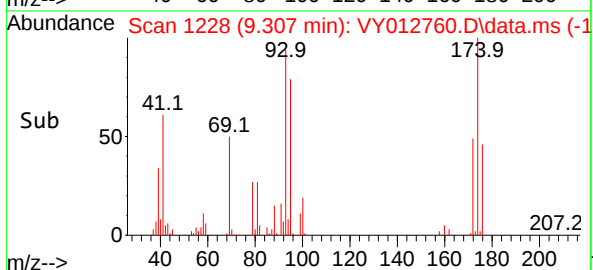
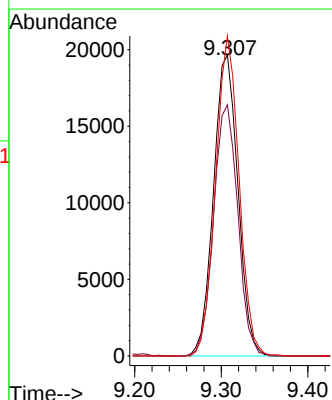
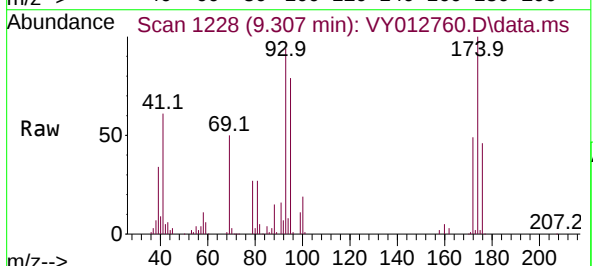
Tgt Ion: 93 Resp: 38489

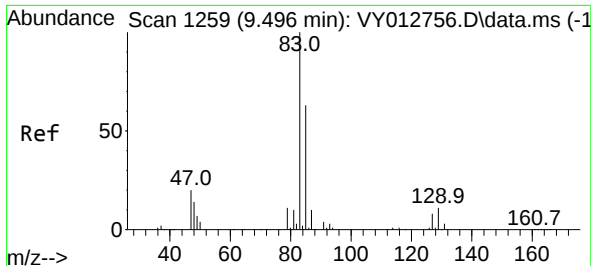
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 102.1 81.3 121.9

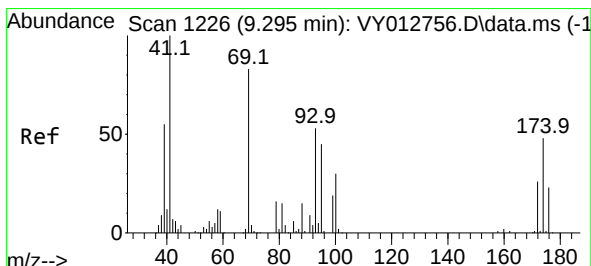
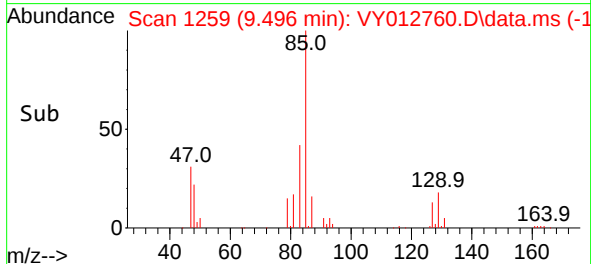
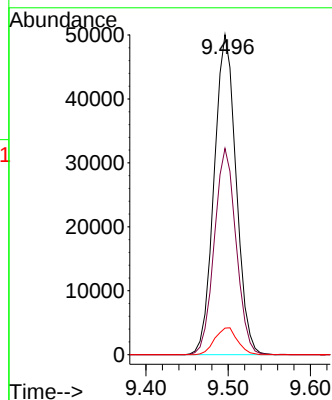
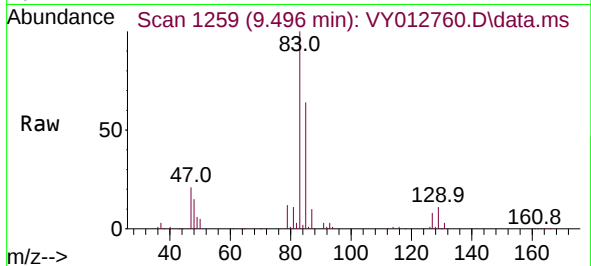




#47
Bromodichloromethane
Concen: 50.326 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

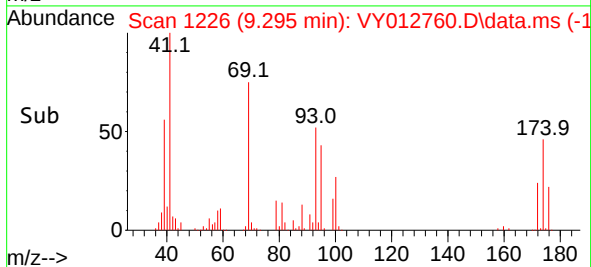
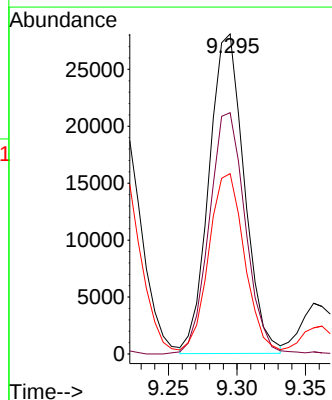
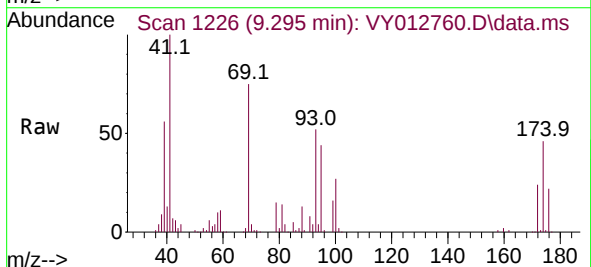
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

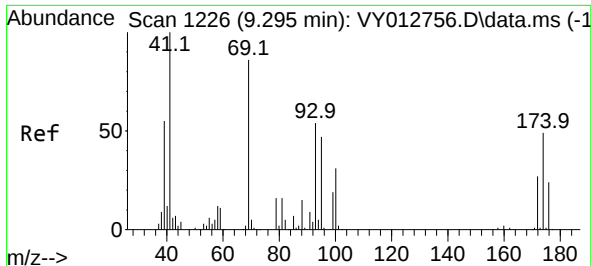
Tgt Ion: 83 Resp: 92997
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 50.360 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 41 Resp: 50240
Ion Ratio Lower Upper
41 100
69 77.7 64.1 96.1
39 55.3 44.0 66.0





#49

1,4-Dioxane

Concen: 904.198 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

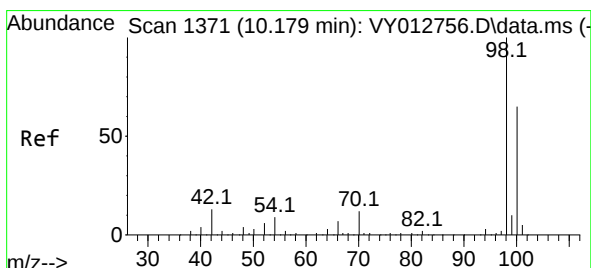
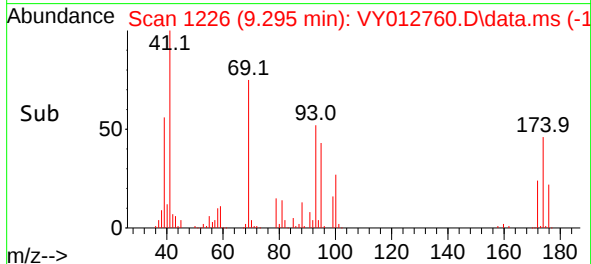
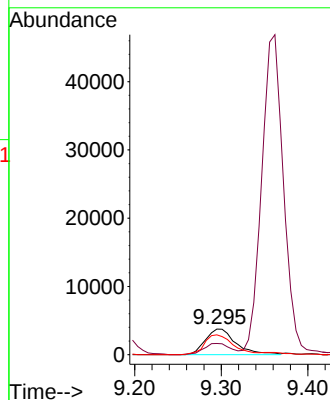
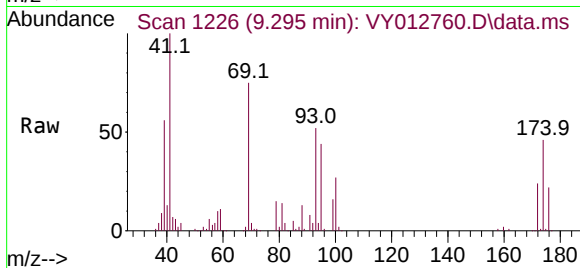
Tgt Ion: 88 Resp: 9166

Ion Ratio Lower Upper

88 100

43 38.3 28.6 42.8

58 73.1 55.2 82.8



#50

Toluene-d8

Concen: 49.396 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012760.D

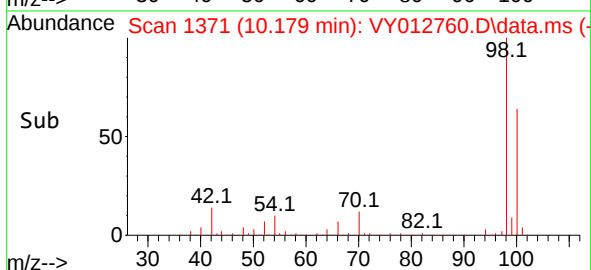
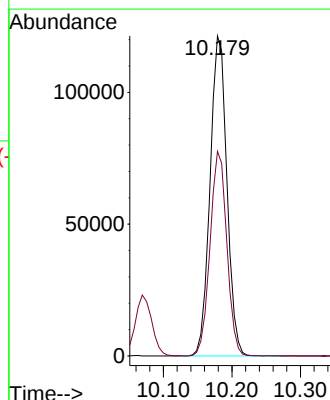
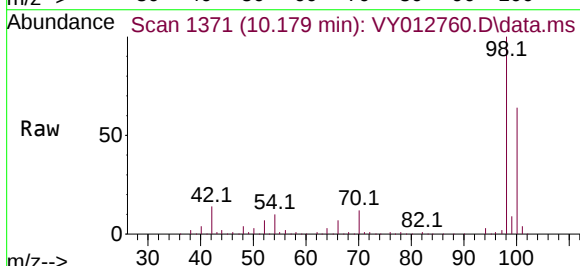
Acq: 02 Mar 2023 15:07

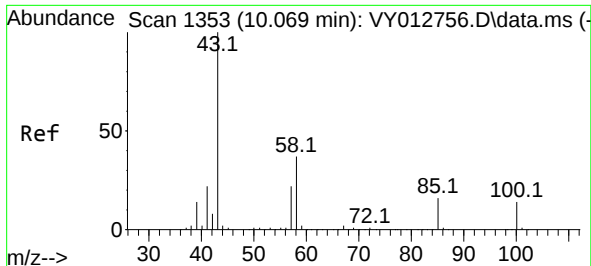
Tgt Ion: 98 Resp: 207477

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 243.160 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

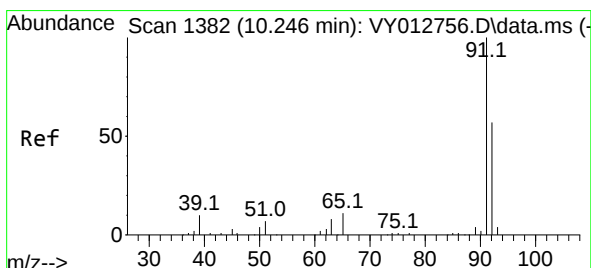
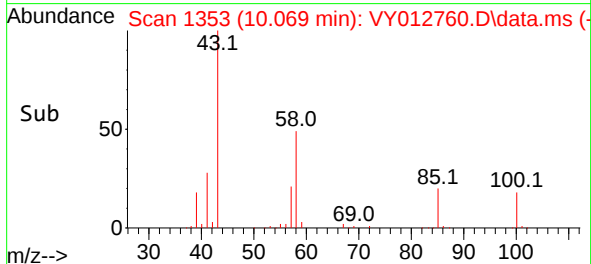
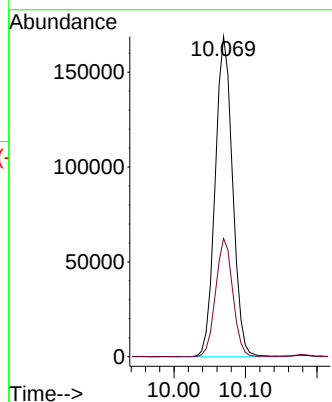
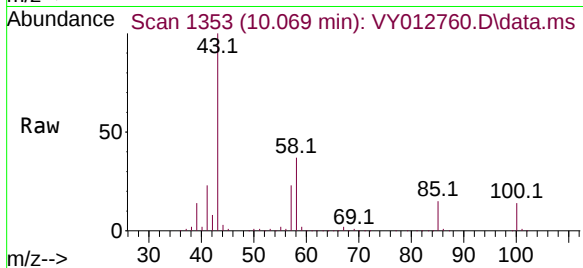
ICVVY030223

Tgt Ion: 43 Resp: 285571

Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.6



#52

Toluene

Concen: 51.713 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012760.D

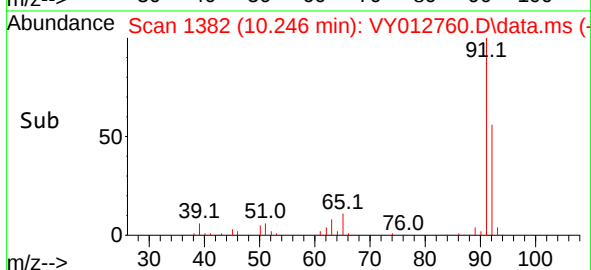
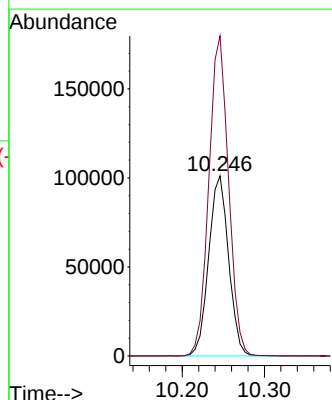
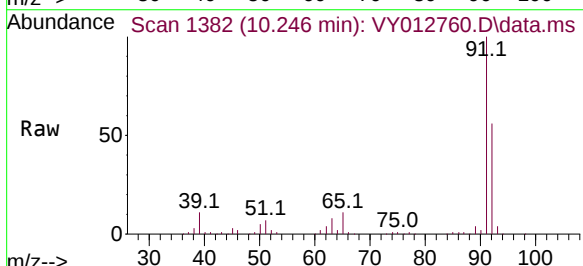
Acq: 02 Mar 2023 15:07

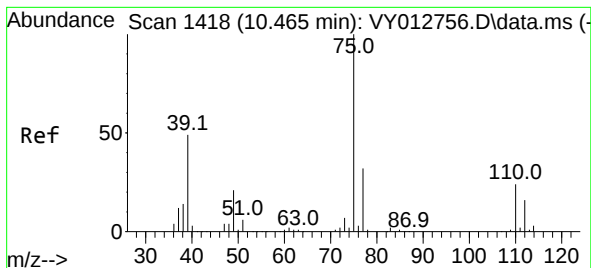
Tgt Ion: 92 Resp: 169856

Ion Ratio Lower Upper

92 100

91 175.9 141.3 211.9

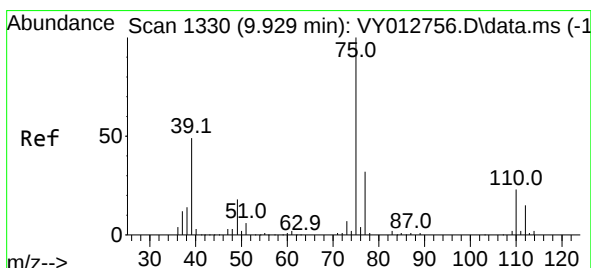
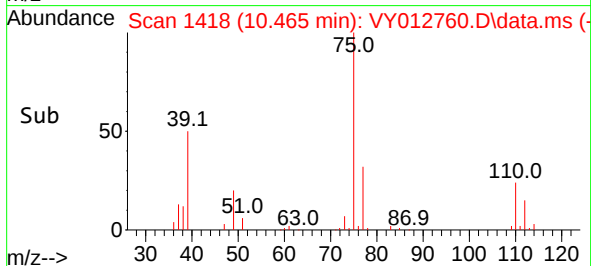
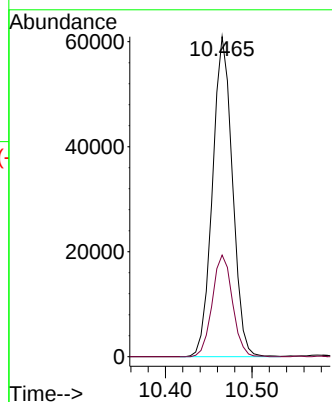
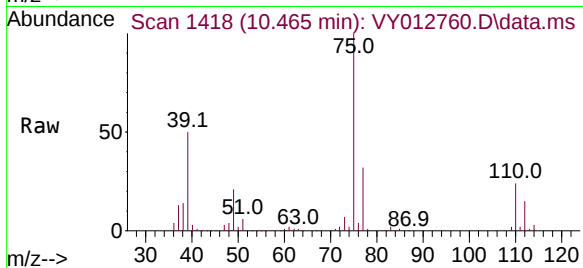




#53
t-1,3-Dichloropropene
Concen: 50.333 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

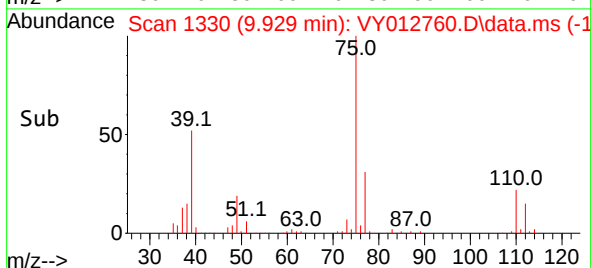
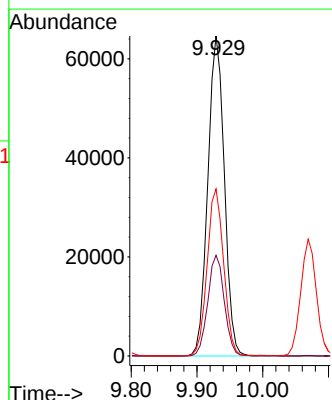
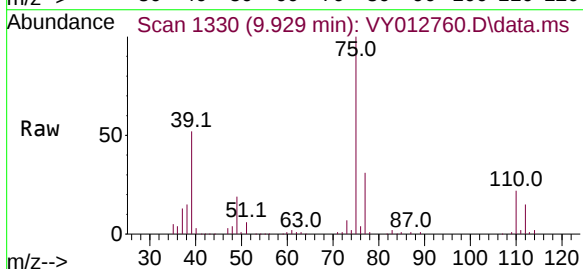
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

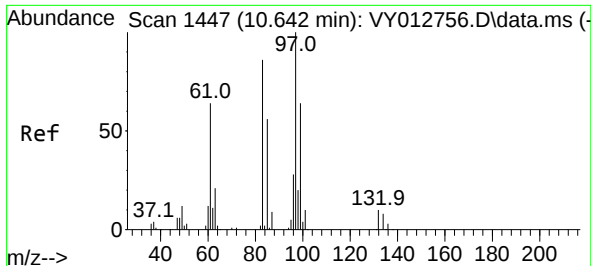
Tgt Ion: 75 Resp: 97558
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.483 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 75 Resp: 112945
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 52.2 39.0 58.4

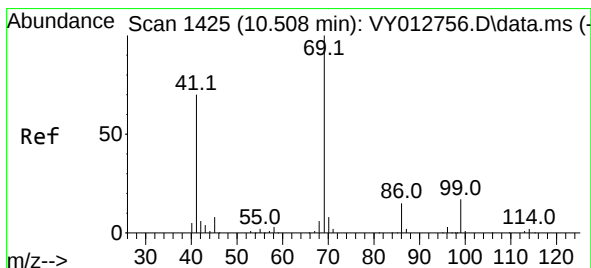
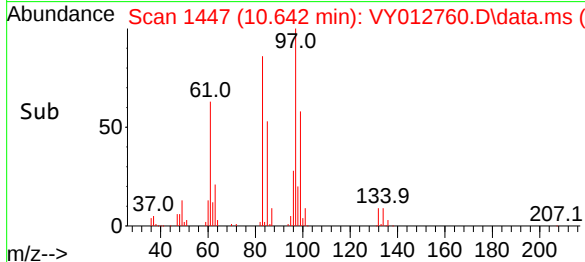
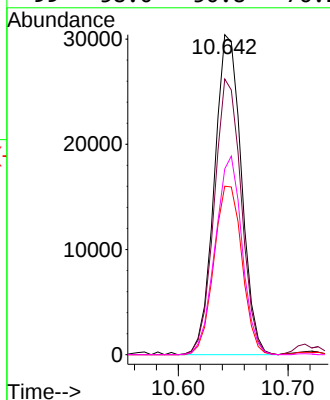
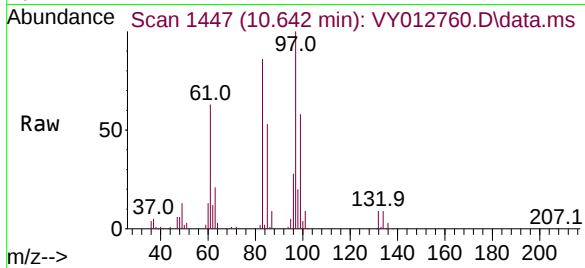




#55
1,1,2-Trichloroethane
Concen: 47.845 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

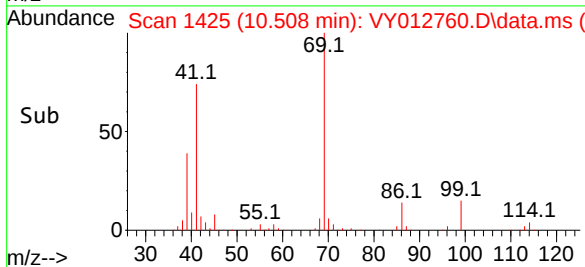
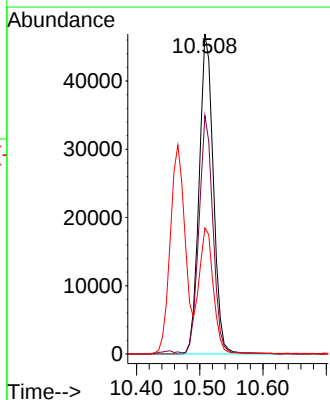
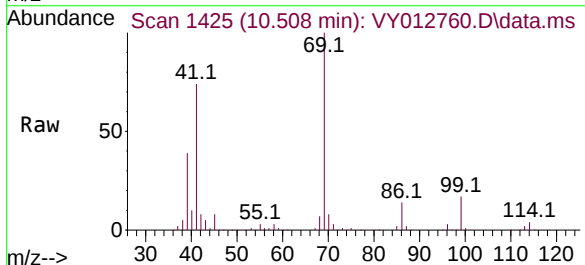
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

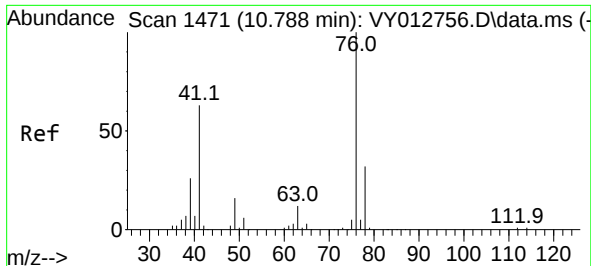
Tgt Ion: 97	Resp: 52249
Ion Ratio	Lower Upper
97 100	
83 86.1	69.0 103.6
85 52.6	44.9 67.3
99 58.0	50.8 76.2



#56
Ethyl methacrylate
Concen: 50.336 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 69	Resp: 73296
Ion Ratio	Lower Upper
69 100	
41 74.0	56.4 84.6
39 39.0	30.8 46.2





#57

1,3-Dichloropropane

Concen: 49.803 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

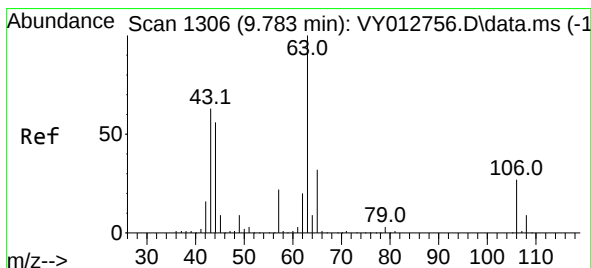
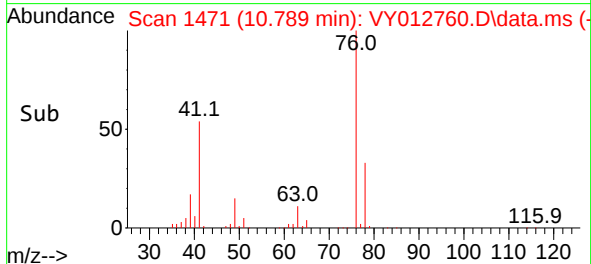
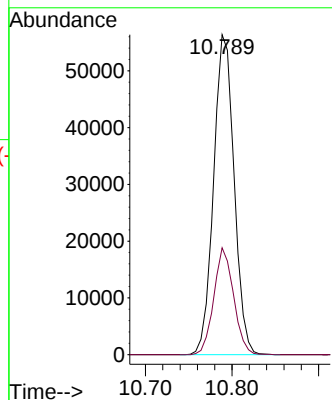
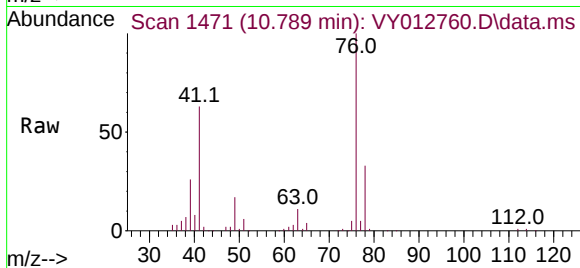
ICVVY030223

Tgt Ion: 76 Resp: 92636

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.623 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012760.D

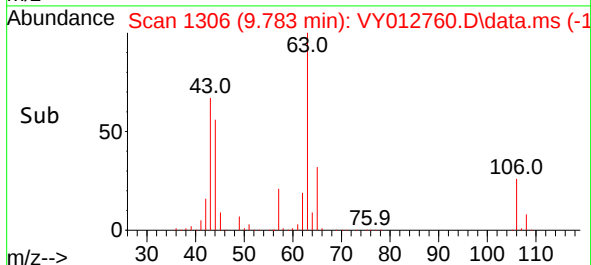
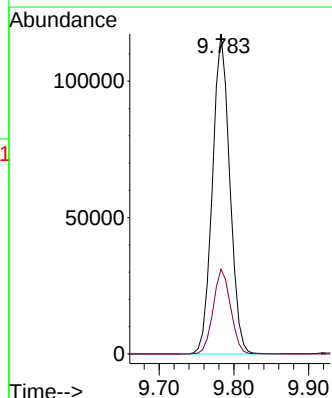
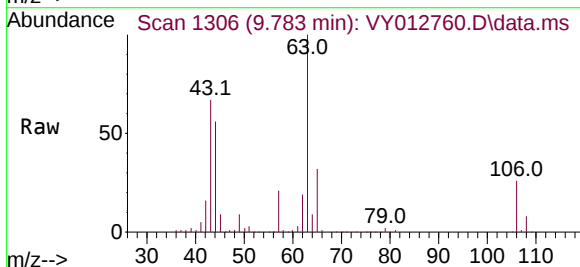
Acq: 02 Mar 2023 15:07

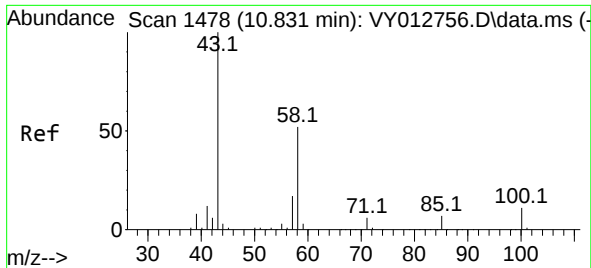
Tgt Ion: 63 Resp: 189285

Ion Ratio Lower Upper

63 100

106 26.6 22.1 33.1

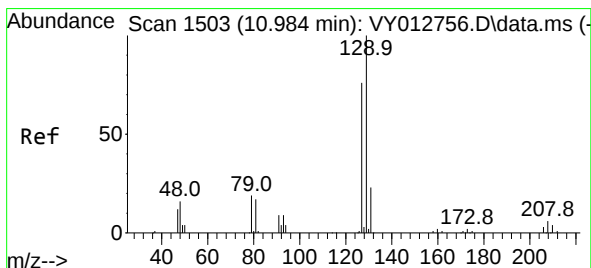
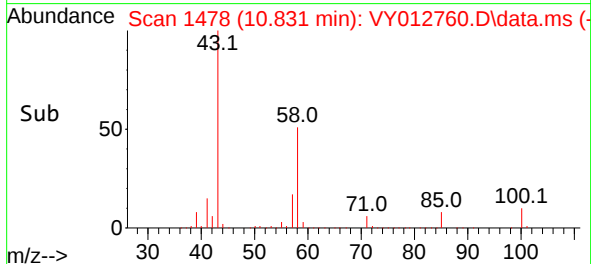
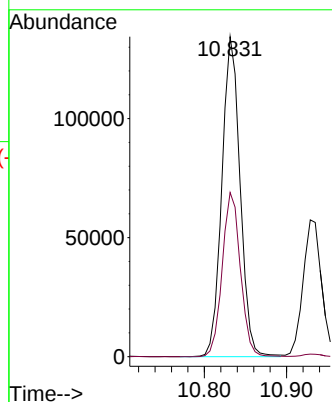
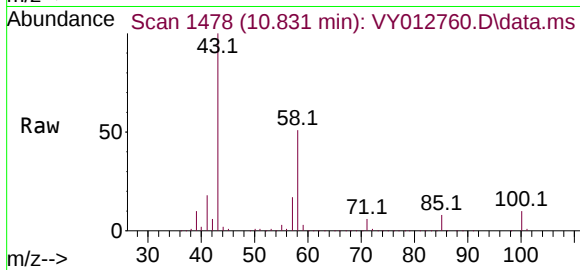




#59
2-Hexanone
Concen: 242.427 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

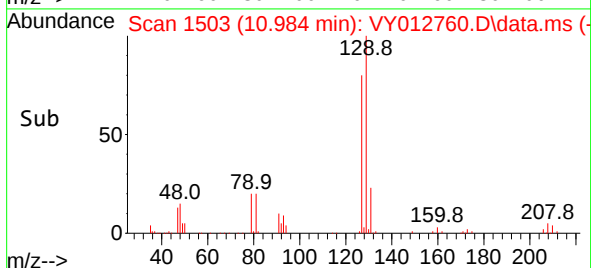
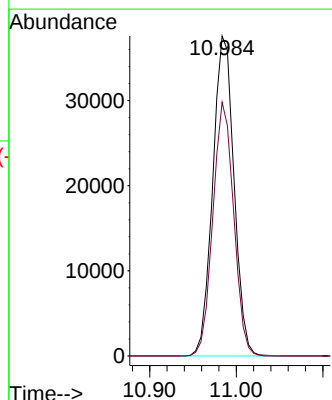
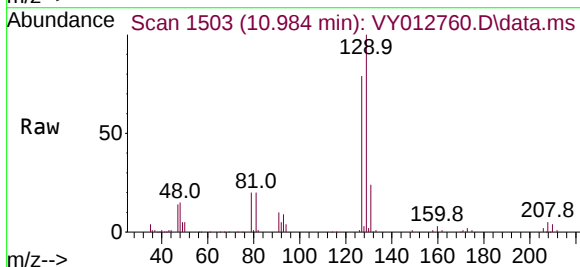
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

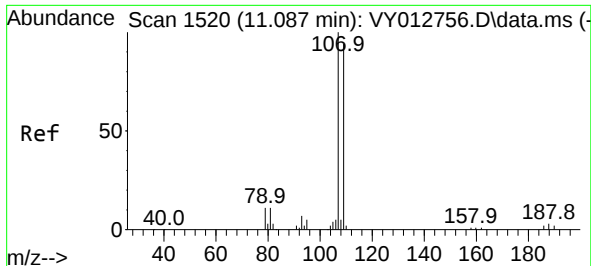
Tgt Ion: 43 Resp: 206923
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 48.146 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 129 Resp: 64002
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

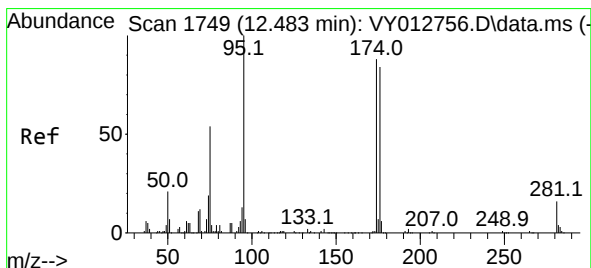
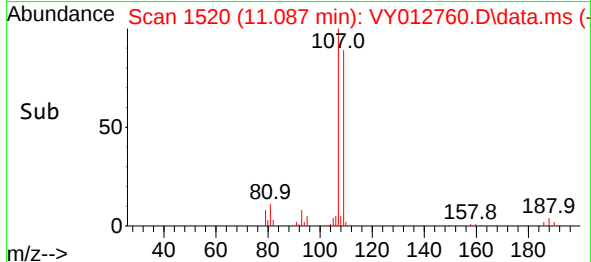
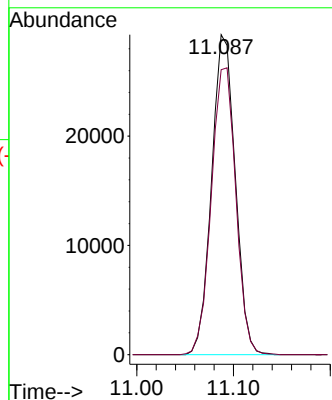
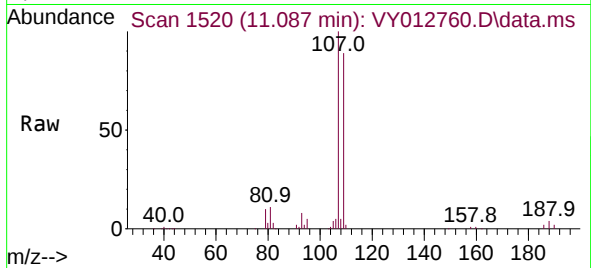




#61
1,2-Dibromoethane
Concen: 47.296 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

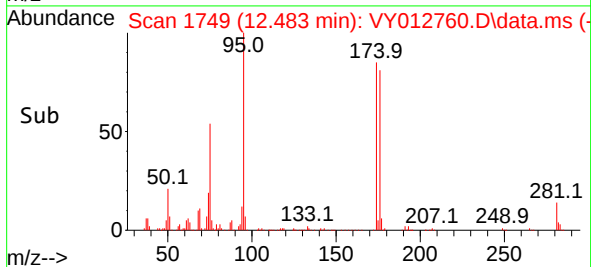
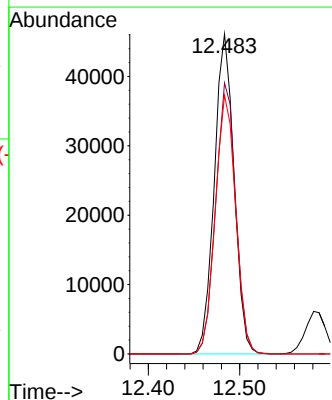
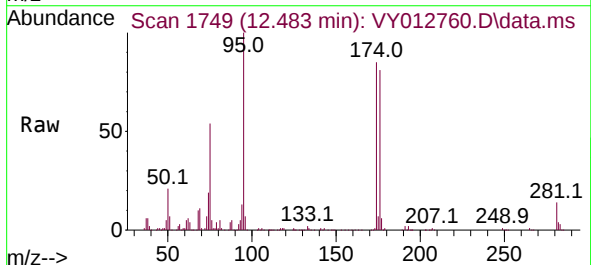
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

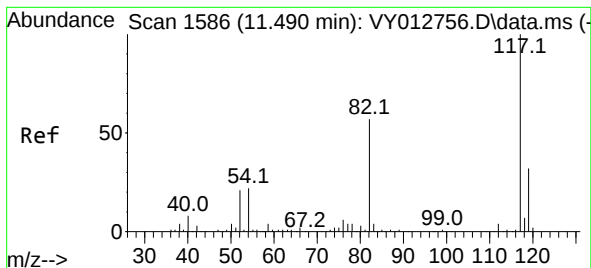
Tgt Ion:107 Resp: 49754
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.821 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 95 Resp: 69213
Ion Ratio Lower Upper
95 100
174 86.3 0.0 176.6
176 83.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

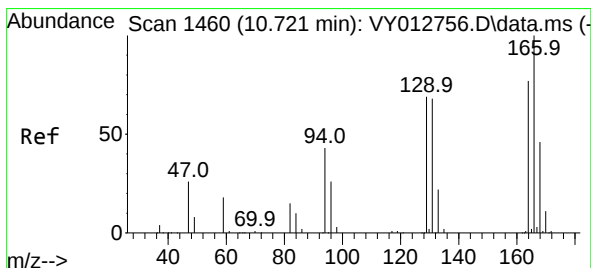
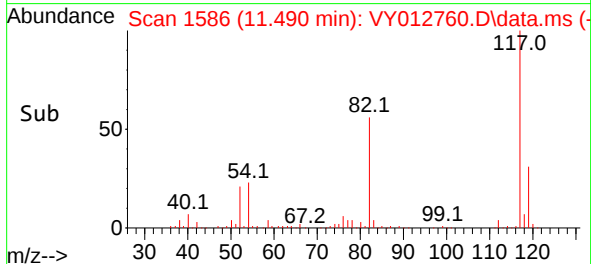
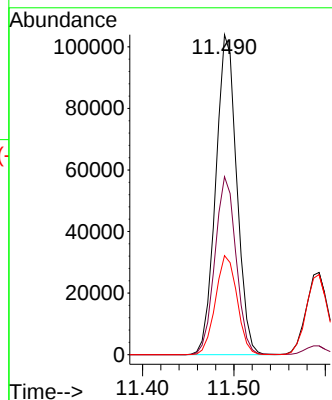
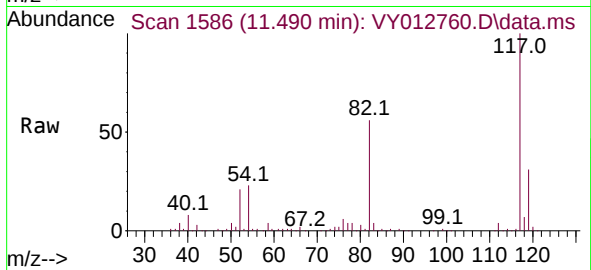
Tgt Ion:117 Resp: 165843

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

119 31.0 25.6 38.4



#64

Tetrachloroethene

Concen: 50.033 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Tgt Ion:164 Resp: 60413

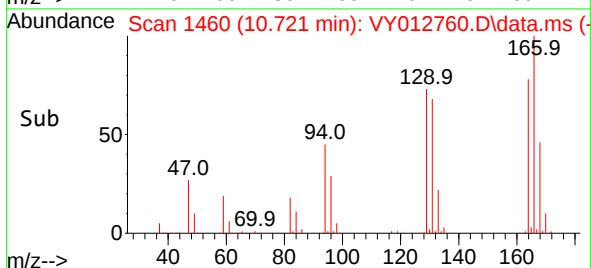
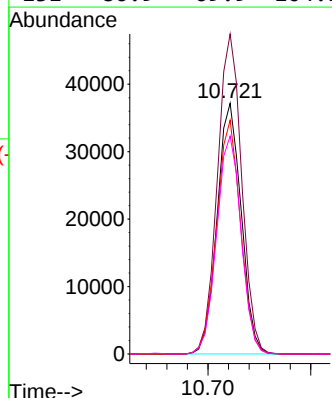
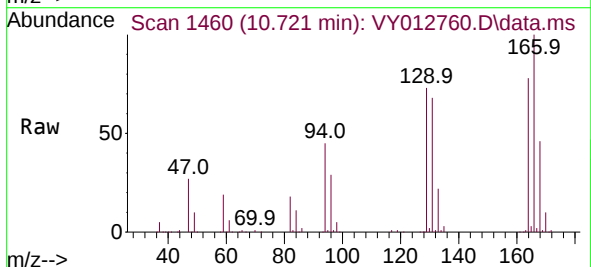
Ion Ratio Lower Upper

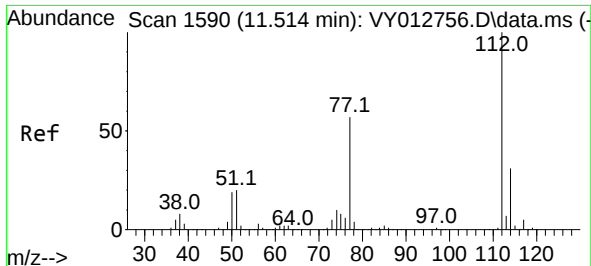
164 100

166 127.7 103.4 155.2

129 93.2 71.4 107.2

131 86.9 69.9 104.9

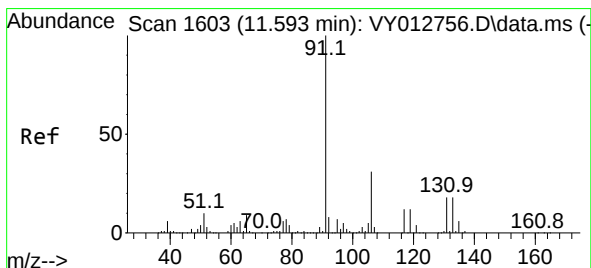
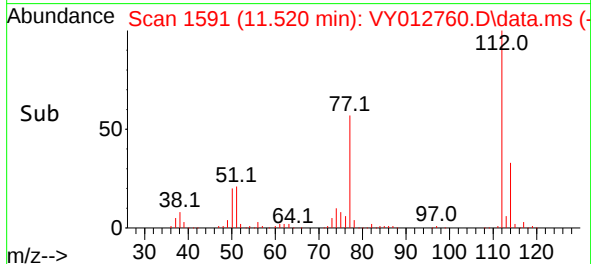
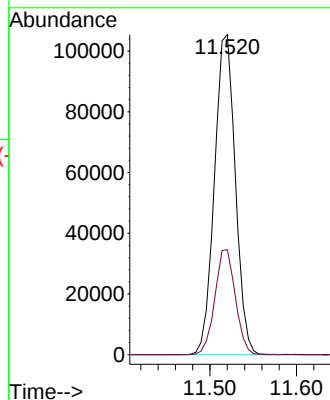
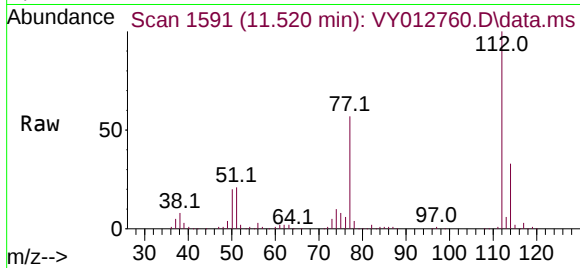




#65
Chlorobenzene
Concen: 50.736 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

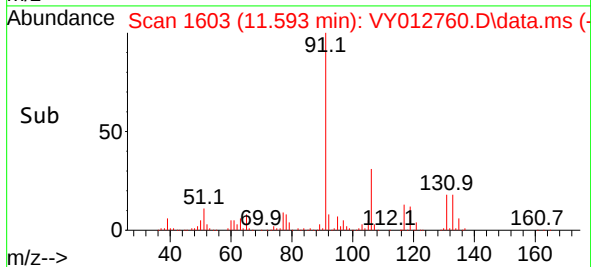
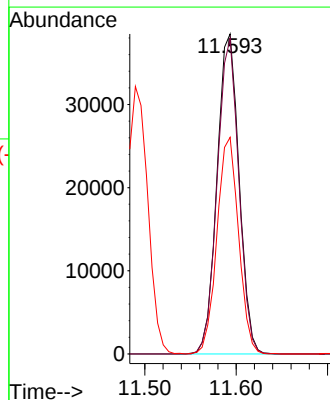
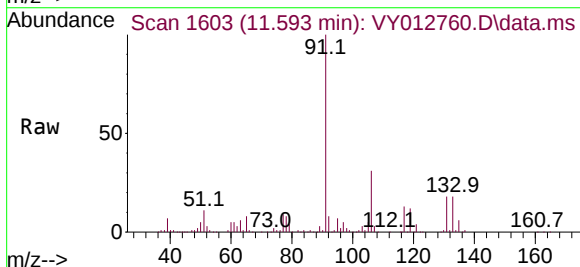
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030223

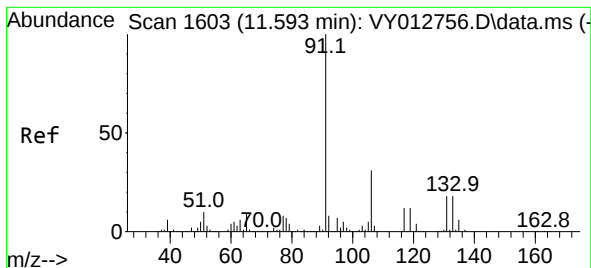
Tgt Ion:112 Resp: 176592
Ion Ratio Lower Upper
112 100
114 32.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.149 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:131 Resp: 64589
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 53.156 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

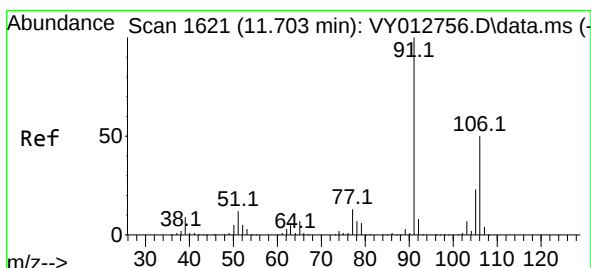
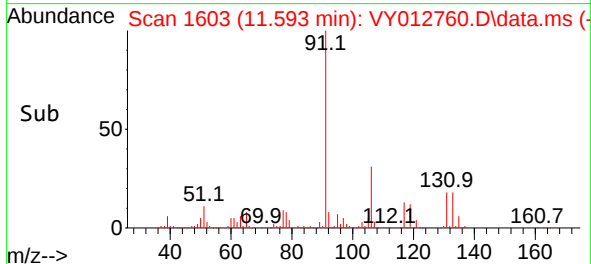
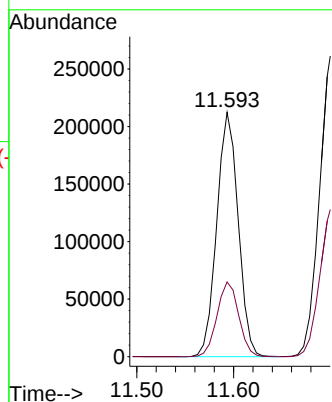
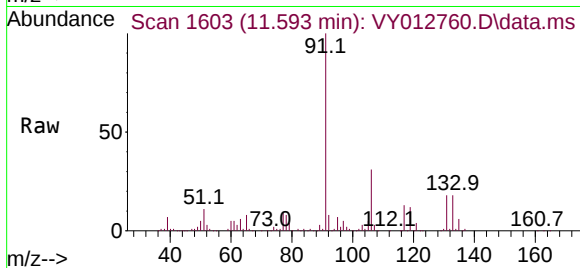
ICVVY030223

Tgt Ion: 91 Resp: 325290

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 105.101 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012760.D

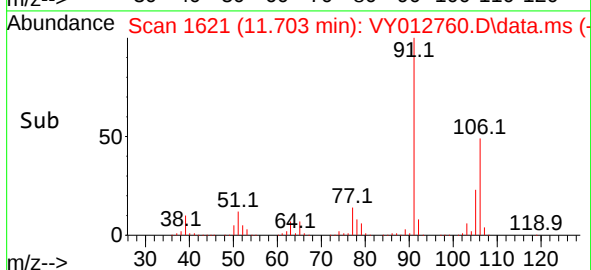
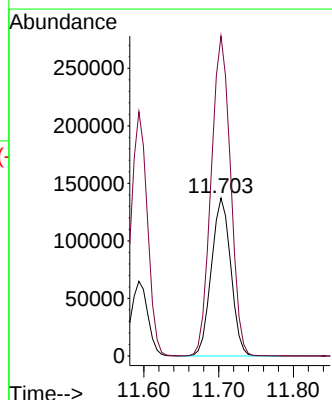
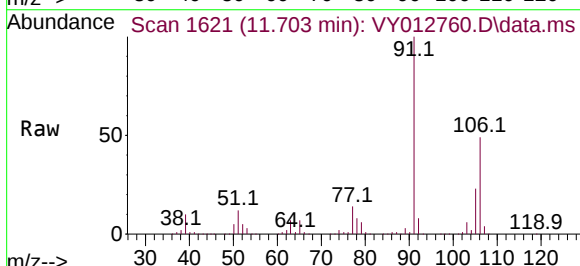
Acq: 02 Mar 2023 15:07

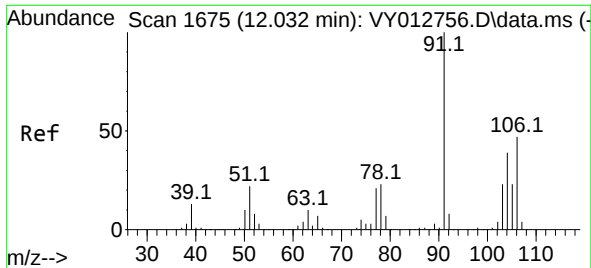
Tgt Ion: 106 Resp: 247423

Ion Ratio Lower Upper

106 100

91 203.3 159.8 239.8

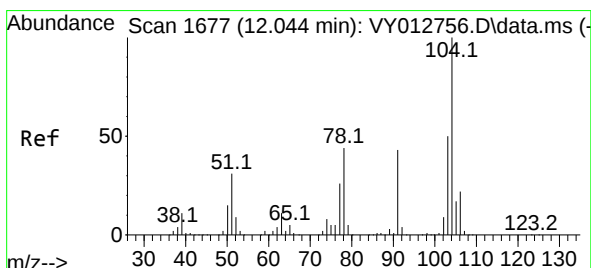
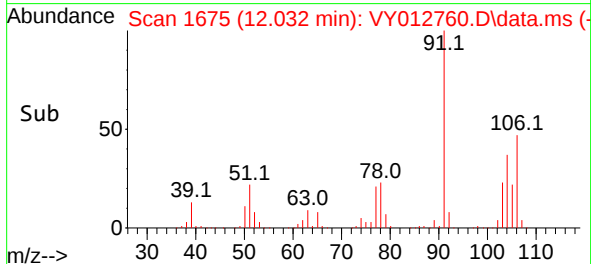
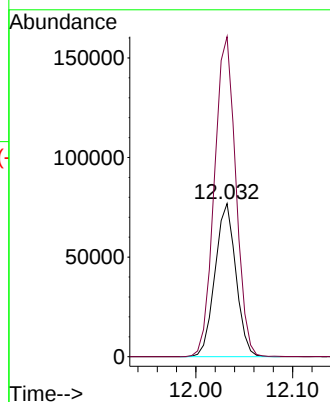
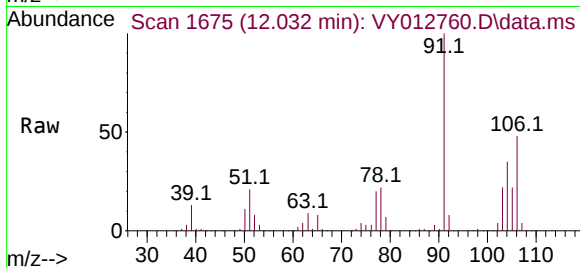




#69
o-Xylene
Concen: 52.330 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

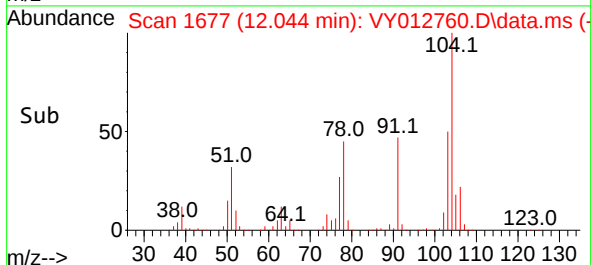
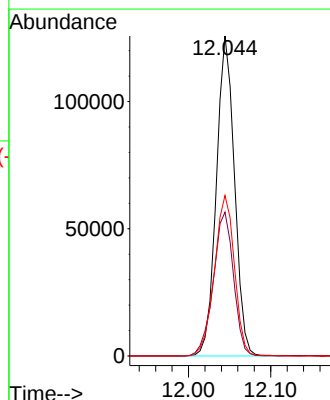
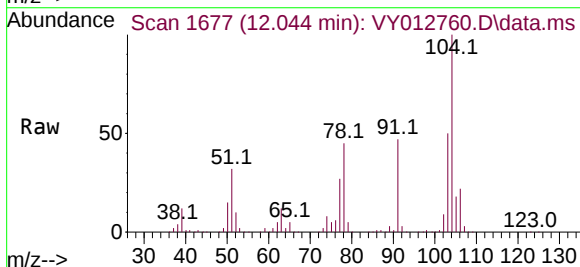
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

Tgt Ion:106 Resp: 114974
Ion Ratio Lower Upper
106 100
91 214.4 107.2 321.6



#70
Styrene
Concen: 52.612 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:104 Resp: 192902
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 46.603 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

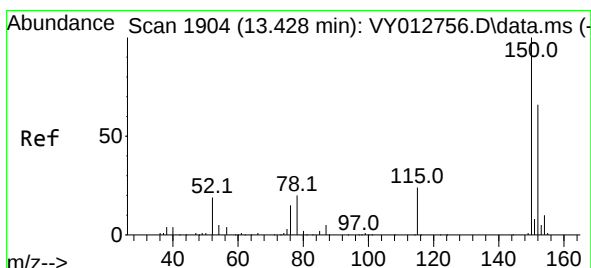
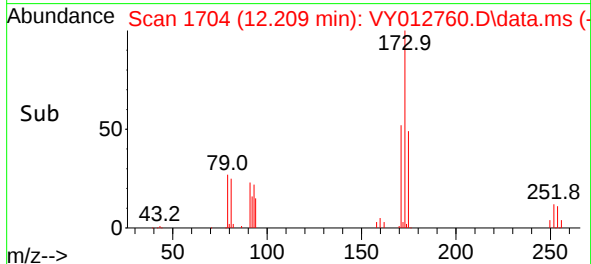
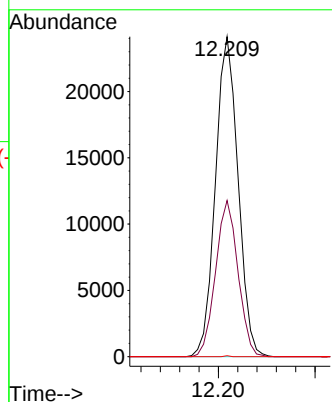
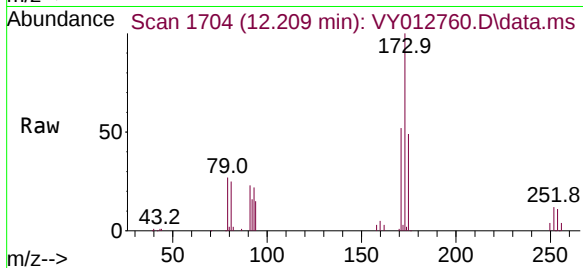
Tgt Ion:173 Resp: 39135

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

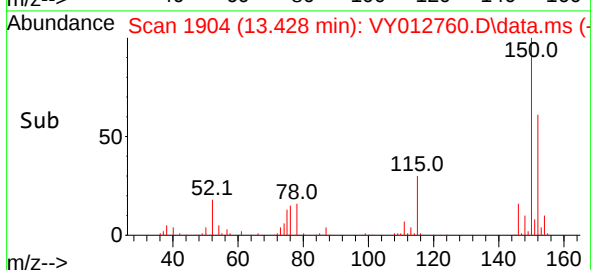
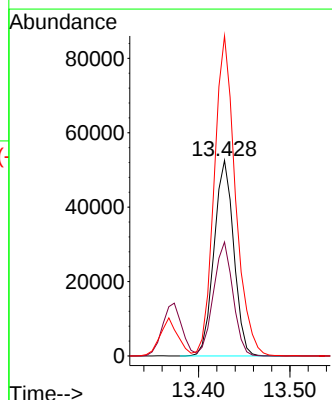
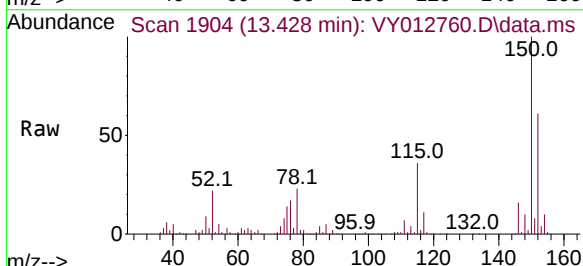
Tgt Ion:152 Resp: 78659

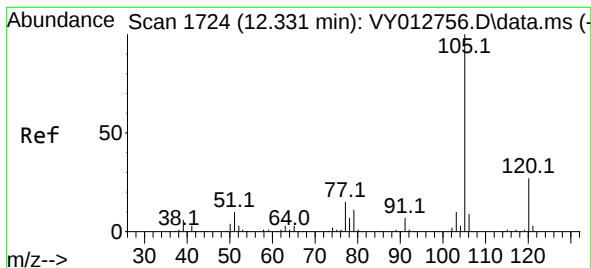
Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.3

150 176.4 0.0 347.8





#73

Isopropylbenzene

Concen: 55.305 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

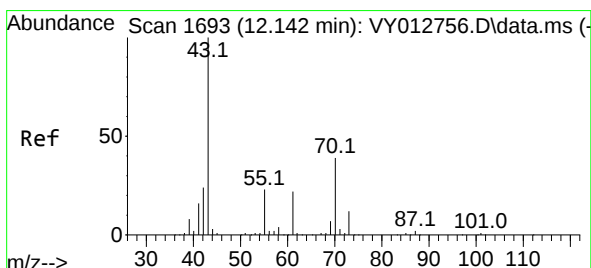
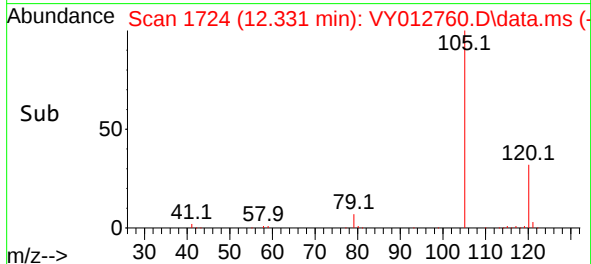
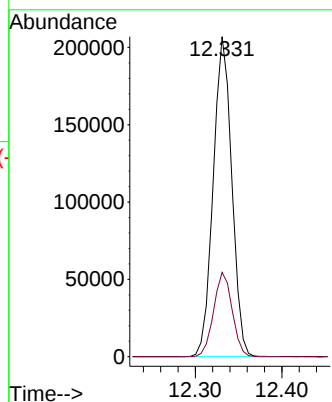
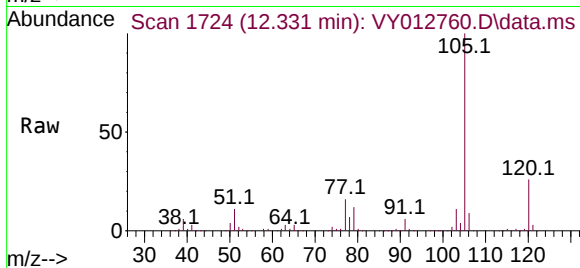
ICVVY030223

Tgt Ion:105 Resp: 308305

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



#74

N-ethyl acetate

Concen: 51.892 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Tgt Ion: 43 Resp: 91018

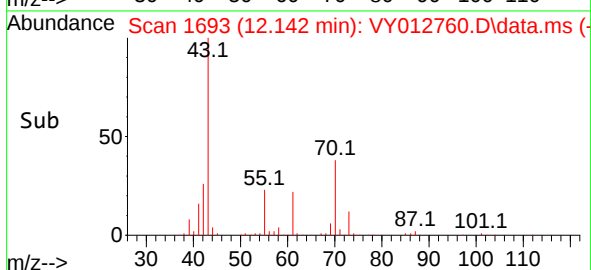
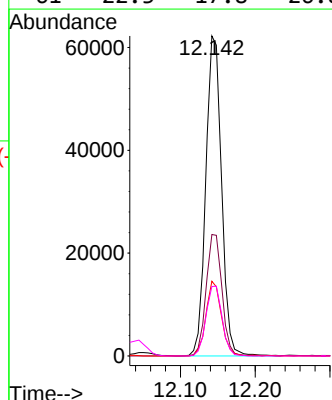
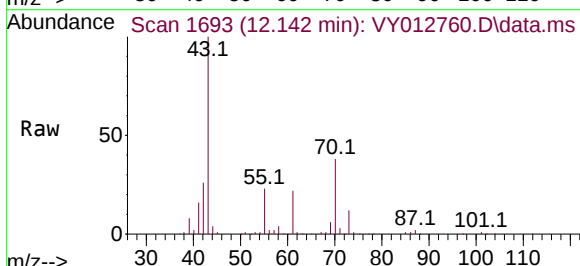
Ion Ratio Lower Upper

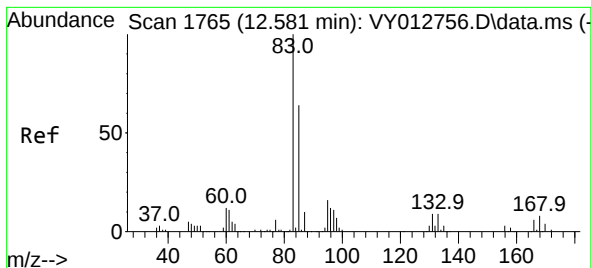
43 100

70 38.2 31.6 47.4

55 23.1 18.8 28.2

61 22.3 17.8 26.8

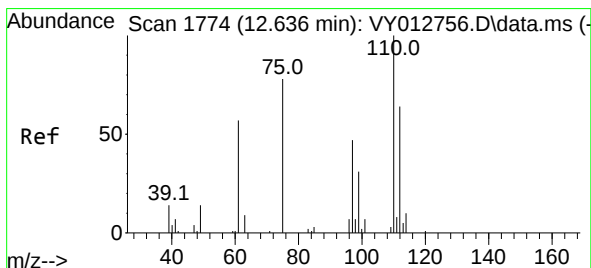
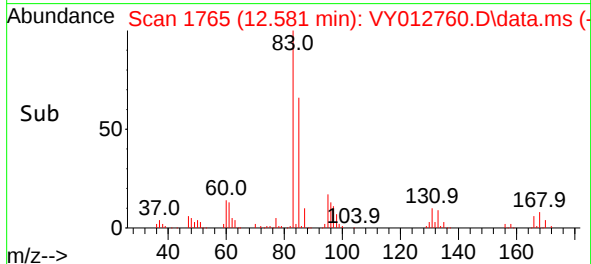
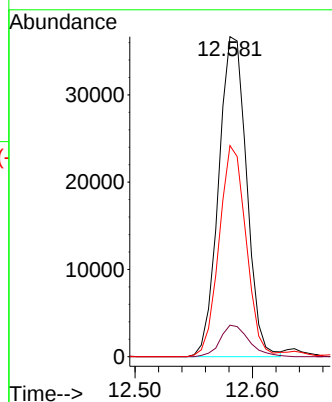
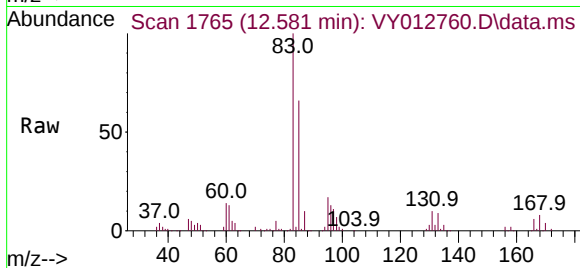




#75
1,1,2,2-Tetrachloroethane
Concen: 48.347 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

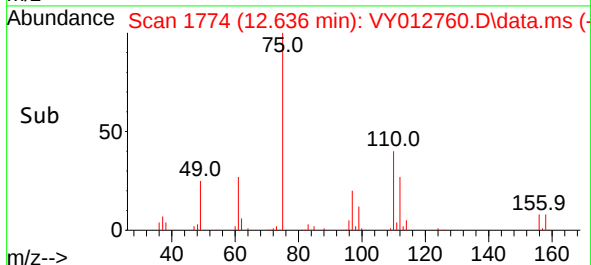
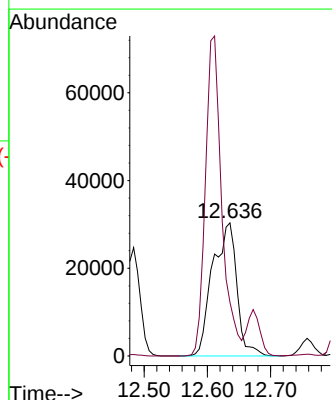
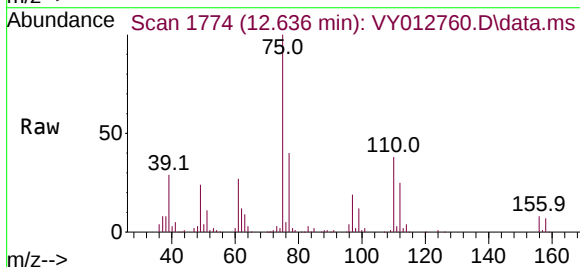
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

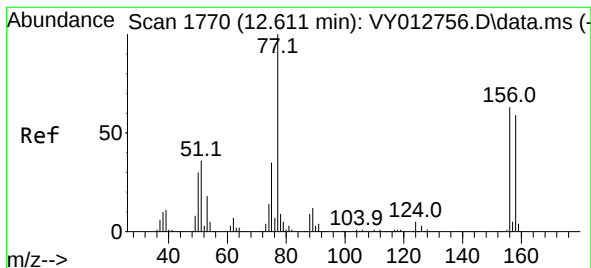
Tgt Ion: 83 Resp: 60585
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 63.9 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 86.014 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 75 Resp: 80794
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.103 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

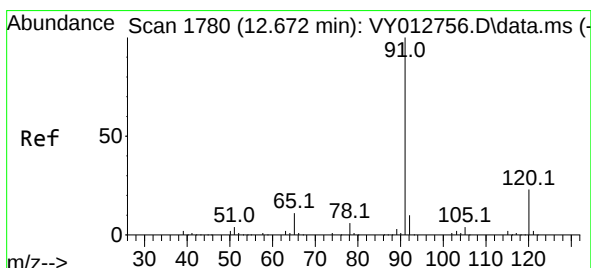
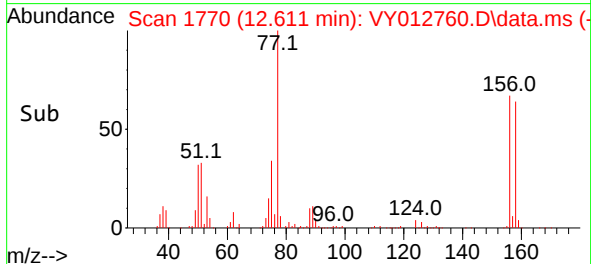
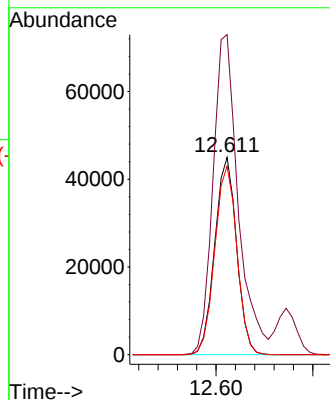
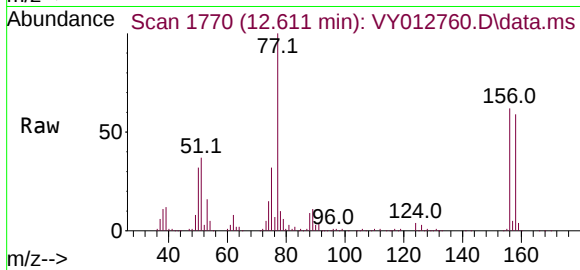
Tgt Ion:156 Resp: 70561

Ion Ratio Lower Upper

156 100

77 187.3 94.0 282.1

158 96.6 48.1 144.4



#78

n-propylbenzene

Concen: 55.359 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012760.D

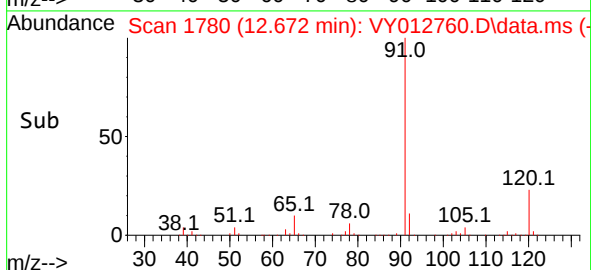
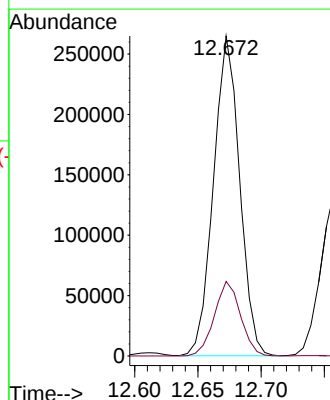
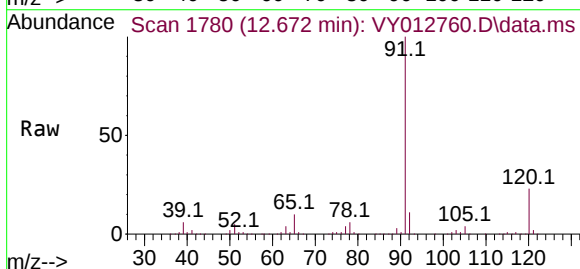
Acq: 02 Mar 2023 15:07

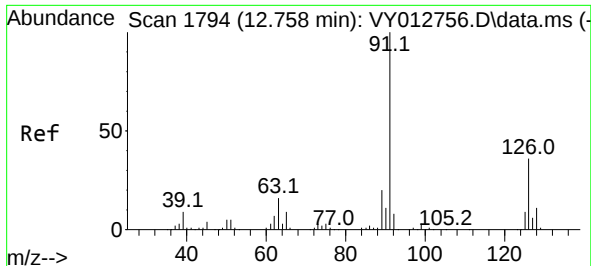
Tgt Ion: 91 Resp: 380479

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 54.057 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

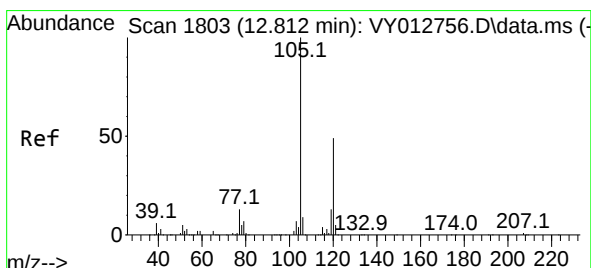
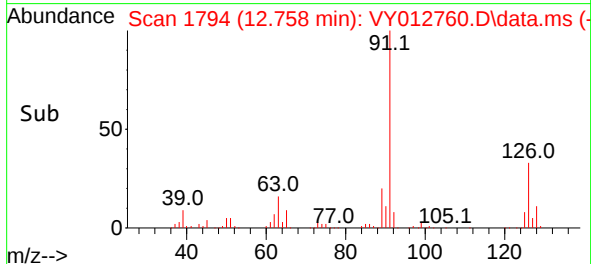
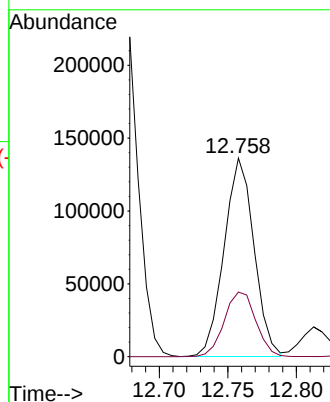
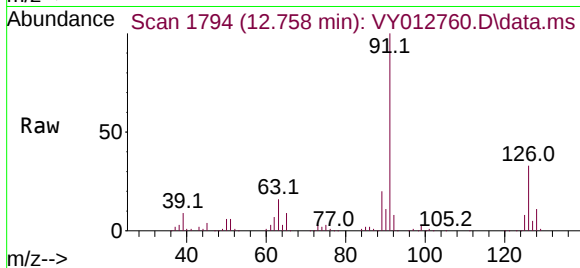
ICVVY030223

Tgt Ion: 91 Resp: 206491

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 55.156 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012760.D

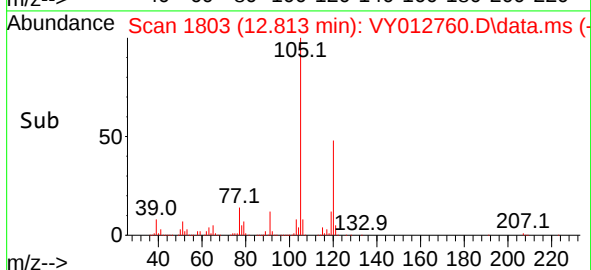
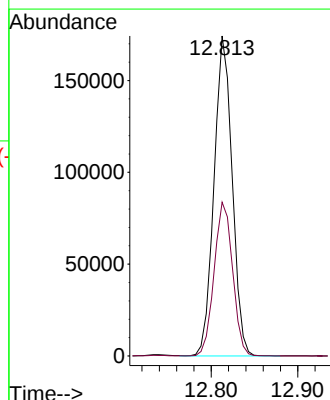
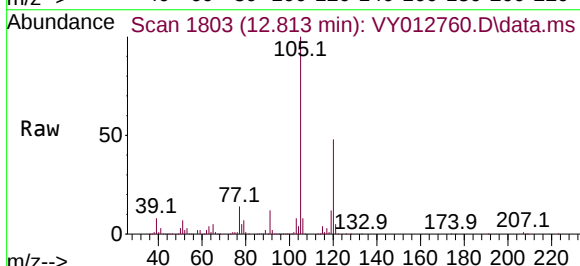
Acq: 02 Mar 2023 15:07

Tgt Ion:105 Resp: 253747

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4

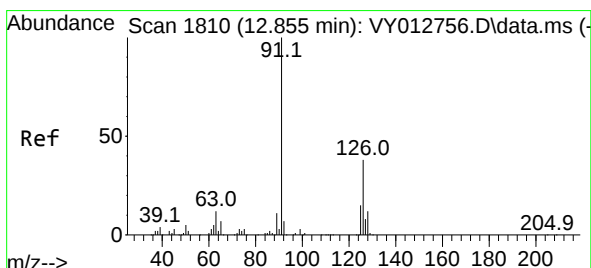
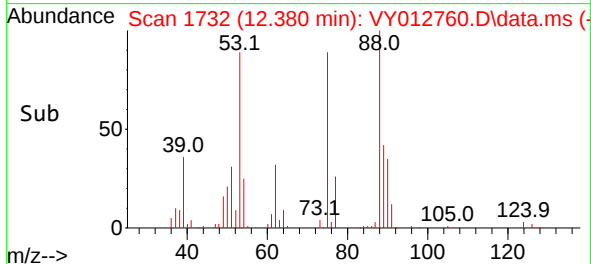
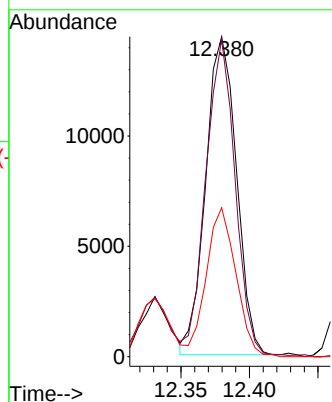
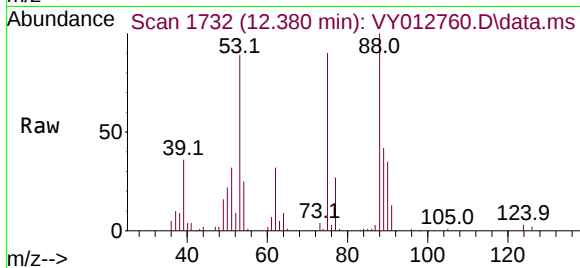




#81
trans-1,4-Dichloro-2-butene
Concen: 49.763 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

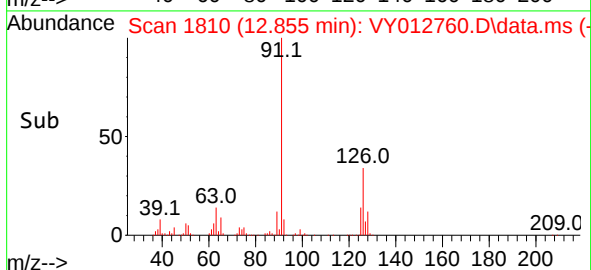
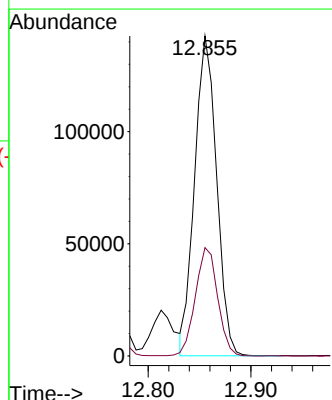
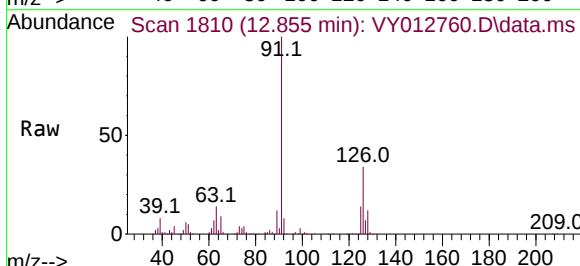
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

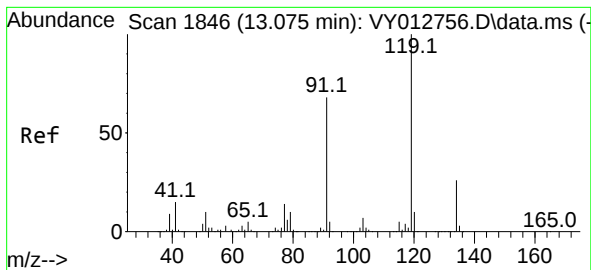
Tgt Ion:	75	Resp:	22559
Ion	Ratio	Lower	Upper
75	100		
53	95.6	73.4	110.0
89	44.7	36.6	55.0



#82
4-Chlorotoluene
Concen: 53.508 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:	91	Resp:	211577
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.7	53.1

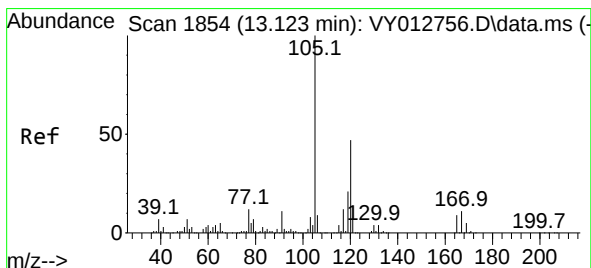
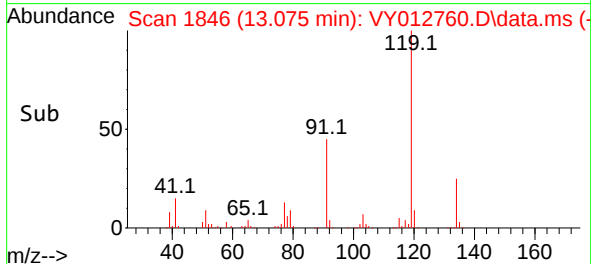
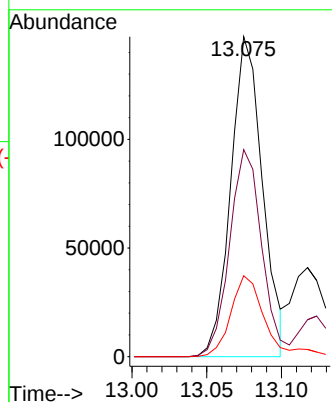
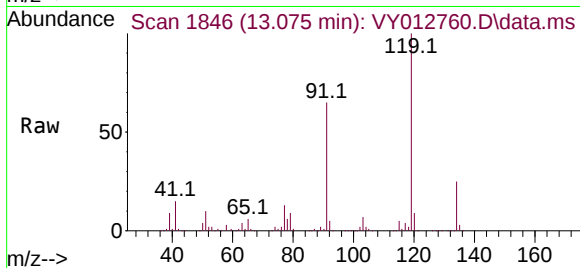




#83
tert-Butylbenzene
Concen: 54.827 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

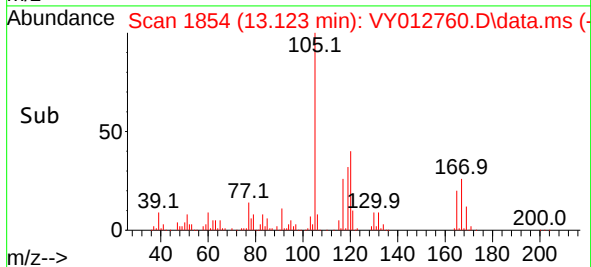
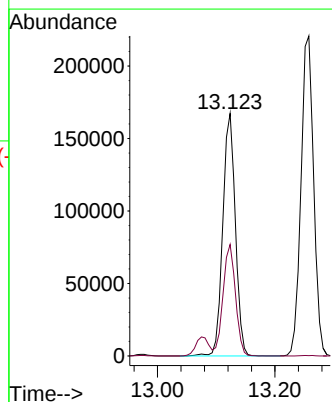
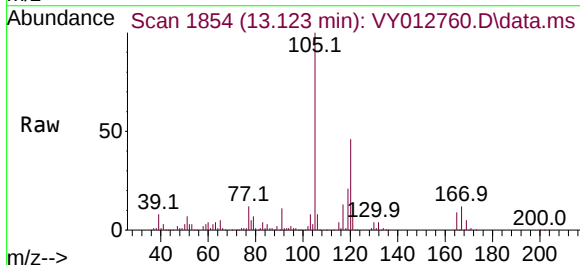
Instrument : MSVOA_Y
ClientSampleId : ICVVY030223

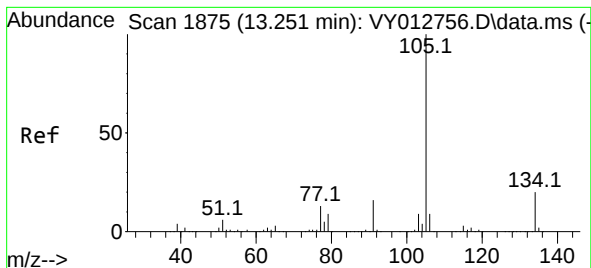
Tgt Ion:119 Resp: 217709
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.312 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:105 Resp: 248829
Ion Ratio Lower Upper
105 100
120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 54.551 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

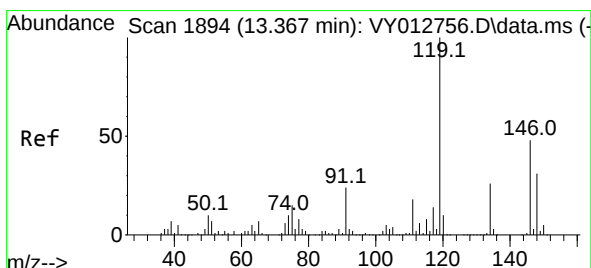
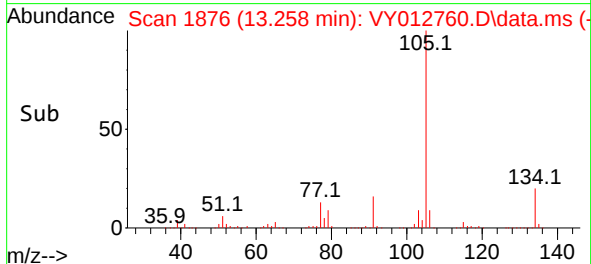
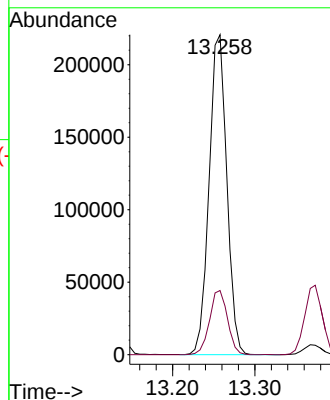
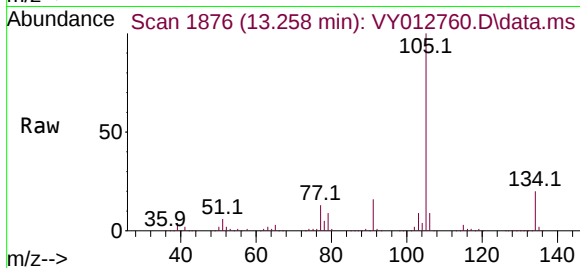
ICVVY030223

Tgt Ion:105 Resp: 330459

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 55.085 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

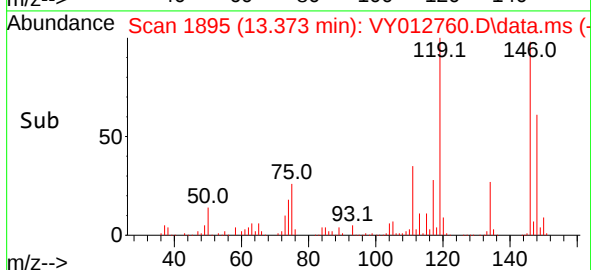
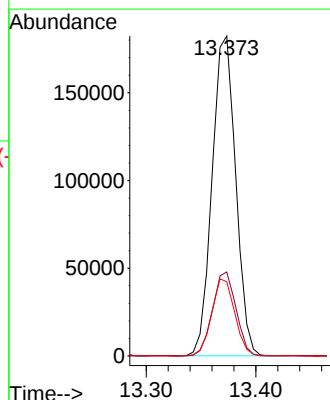
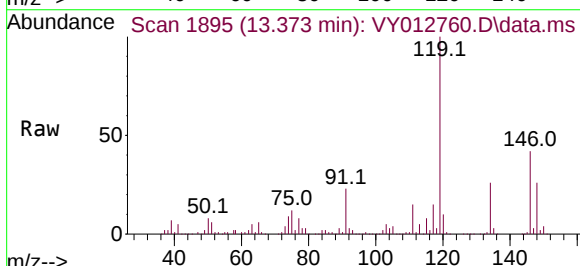
Tgt Ion:119 Resp: 272721

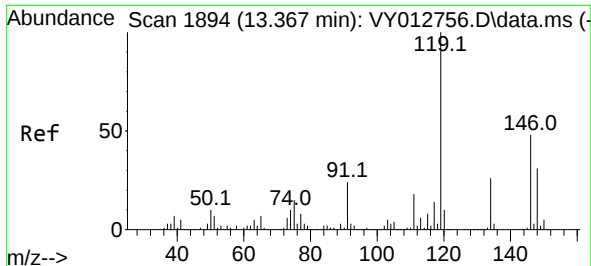
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 23.7 11.8 35.3

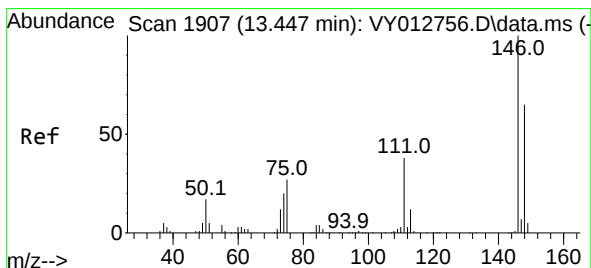
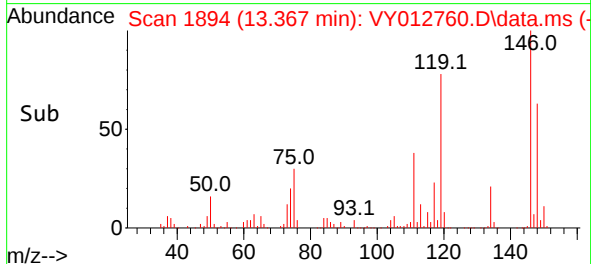
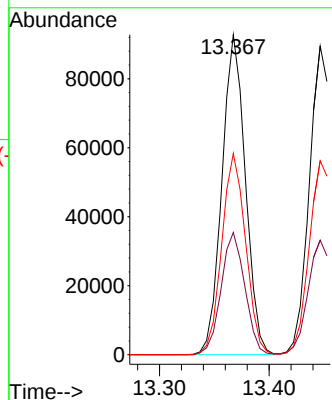
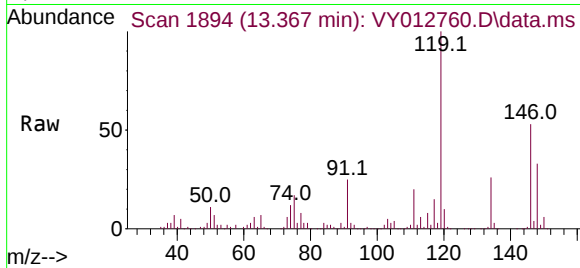




#87
1,3-Dichlorobenzene
Concen: 52.830 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

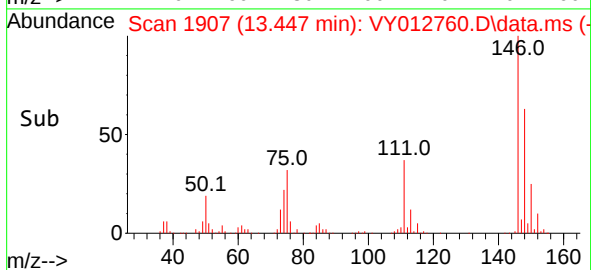
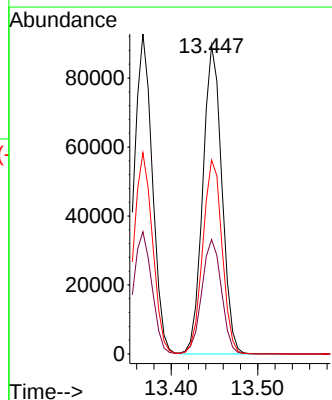
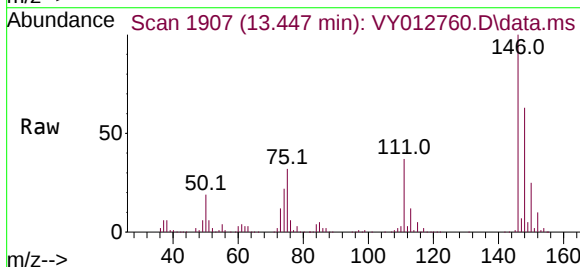
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

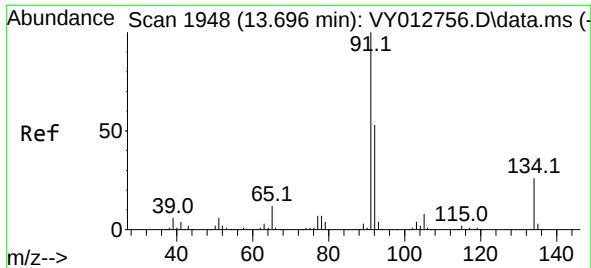
Tgt Ion:146 Resp: 137988
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.5
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.225 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:146 Resp: 136552
Ion Ratio Lower Upper
146 100
111 38.3 18.6 55.8
148 63.7 31.5 94.5

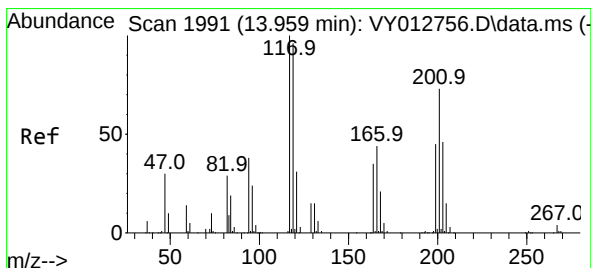
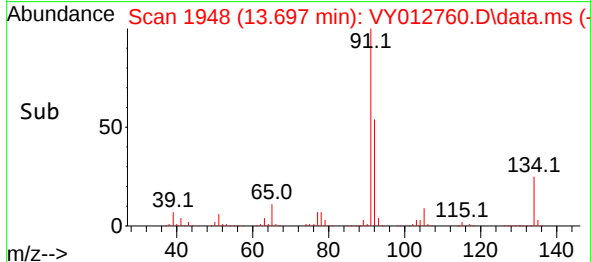
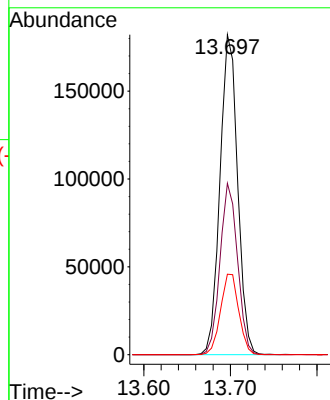
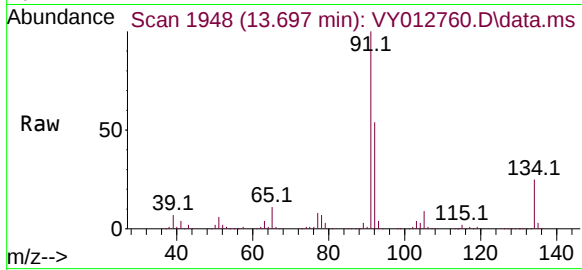




#89
n-Butylbenzene
Concen: 54.344 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

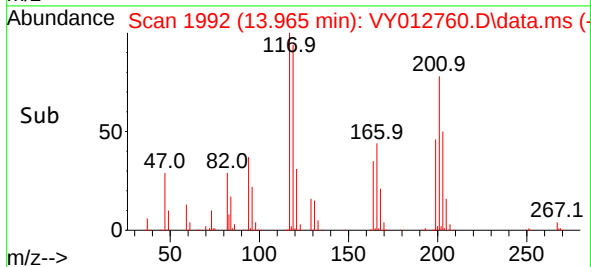
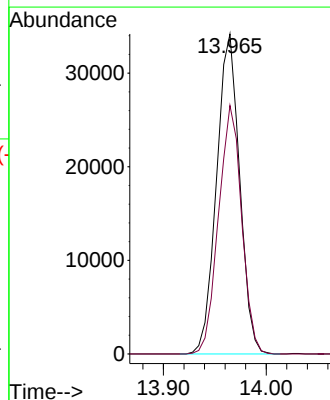
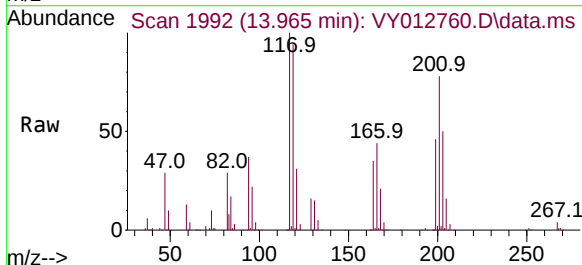
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030223

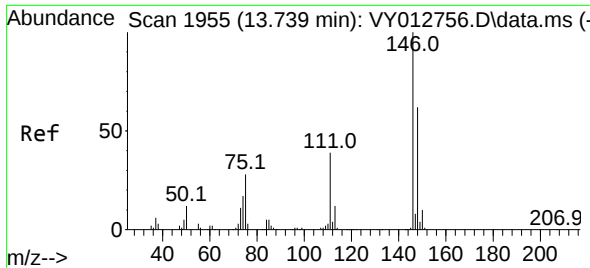
Tgt Ion:	91	Resp:	257569
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.0
134	26.0	13.0	38.9



#90
Hexachloroethane
Concen: 51.637 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion:	117	Resp:	53246
Ion	Ratio	Lower	Upper
117	100		
201	77.7	39.4	118.1

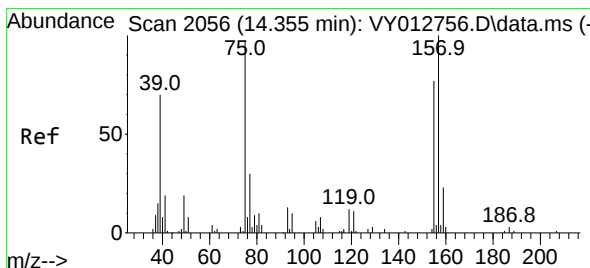
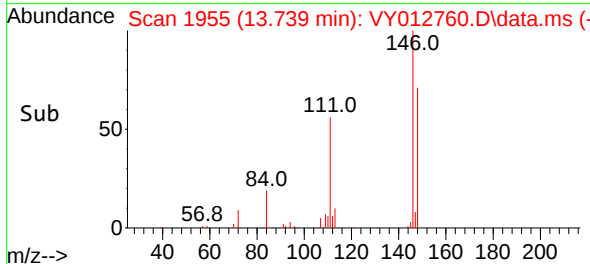
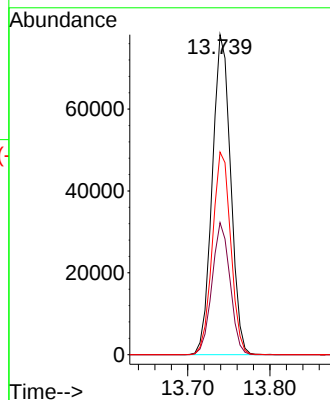
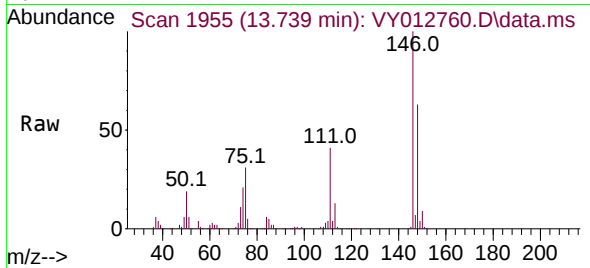




#91
1,2-Dichlorobenzene
Concen: 51.416 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

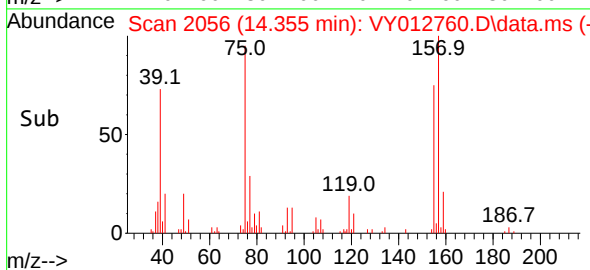
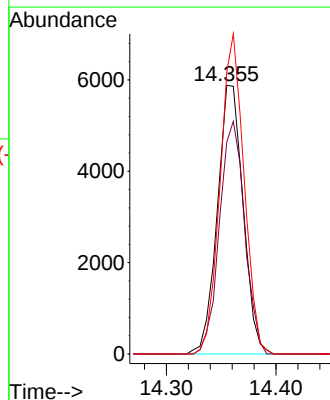
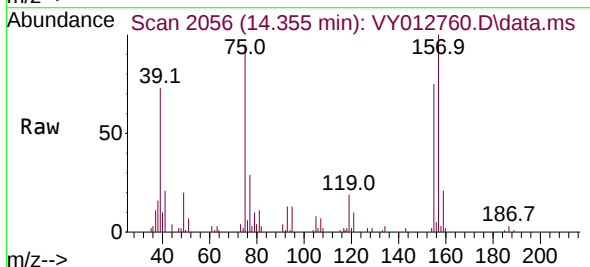
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030223

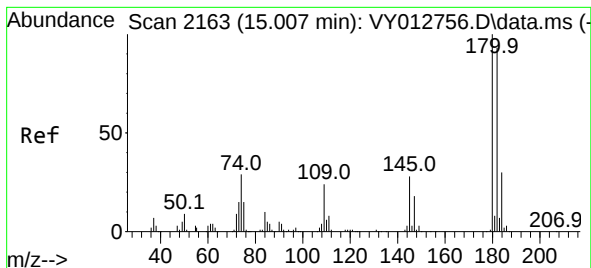
Tgt Ion:146 Resp: 121397
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 63.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.377 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012760.D
Acq: 02 Mar 2023 15:07

Tgt Ion: 75 Resp: 9595
Ion Ratio Lower Upper
75 100
155 84.3 43.8 131.4
157 110.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 50.468 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

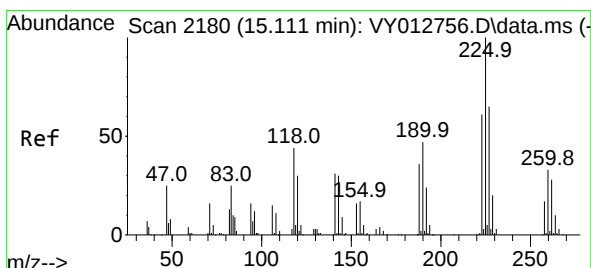
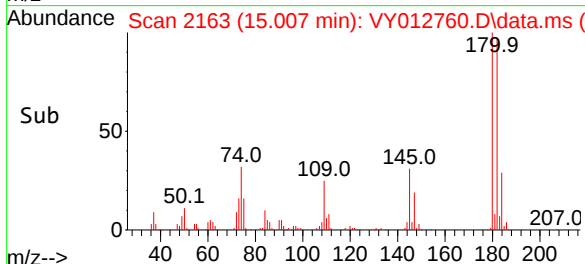
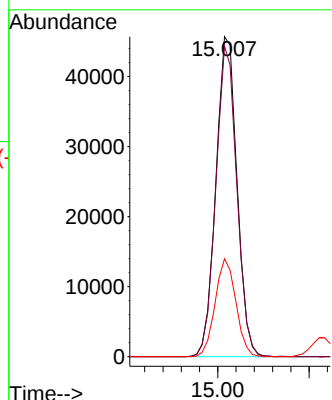
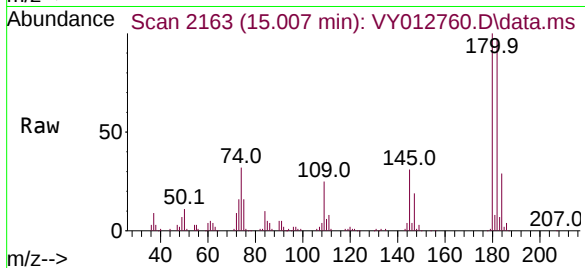
Tgt Ion:180 Resp: 73367

Ion Ratio Lower Upper

180 100

182 96.1 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.104 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

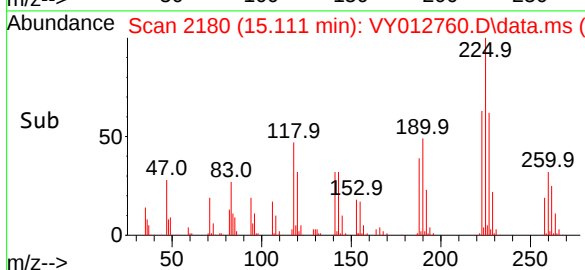
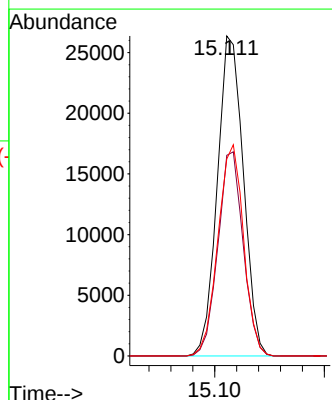
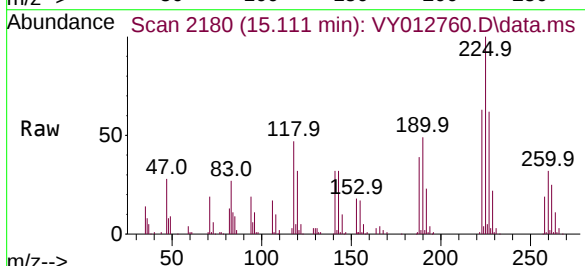
Tgt Ion:225 Resp: 43539

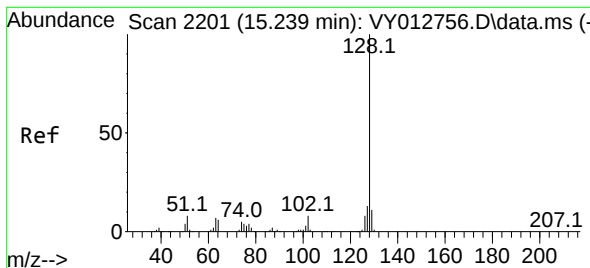
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 64.9 32.4 97.0





#95

Naphthalene

Concen: 49.448 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030223

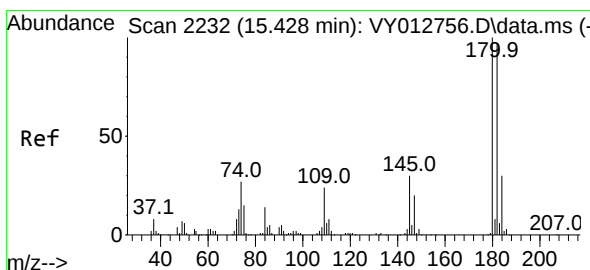
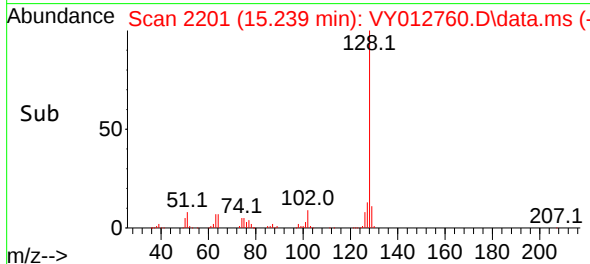
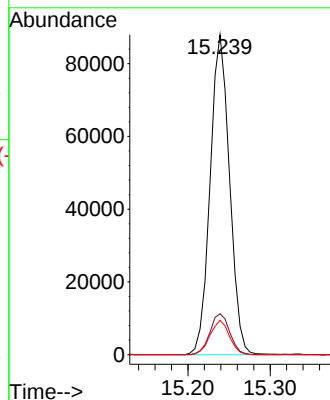
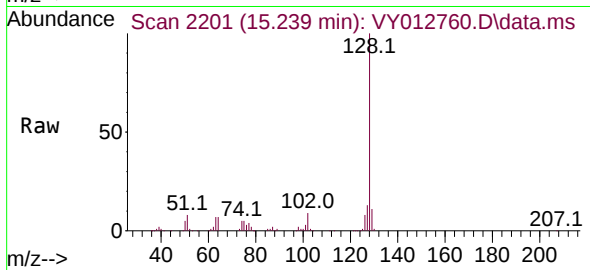
Tgt Ion:128 Resp: 144049

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.725 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012760.D

Acq: 02 Mar 2023 15:07

Tgt Ion:180 Resp: 62997

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.9 15.3 45.8

