

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012756.D
 Acq On : 02 Mar 2023 13:25
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 03 01:01:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59806	48.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.716	113	56693	49.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.179	98	204743	48.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.483	95	69620	49.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57402	47.295	ug/l	100
3) Chloromethane	2.113	50	66541	45.859	ug/l	100
4) Vinyl Chloride	2.253	62	64656	48.594	ug/l	100
5) Bromomethane	2.650	94	38925	48.146	ug/l	100
6) Chloroethane	2.796	64	39259	49.268	ug/l	100
7) Trichlorofluoromethane	3.125	101	106349	48.124	ug/l	100
8) Diethyl Ether	3.528	74	38582	49.821	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	64504	48.516	ug/l	100
10) Methyl Iodide	4.088	142	90995	52.527	ug/l	100
11) Tert butyl alcohol	4.948	59	34616	245.865	ug/l	100
12) 1,1-Dichloroethene	3.875	96	62540	49.320	ug/l	100
13) Acrolein	3.729	56	52257	243.965	ug/l	100
14) Allyl chloride	4.479	41	117179	50.028	ug/l	100
15) Acrylonitrile	5.161	53	101912	249.760	ug/l	100
16) Acetone	3.942	43	128663	268.115	ug/l	100
17) Carbon Disulfide	4.192	76	211632	49.032	ug/l	100
18) Methyl Acetate	4.473	43	71847	50.275	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	168048	51.308	ug/l	100
20) Methylene Chloride	4.716	84	74528	51.002	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	68306	49.569	ug/l	100
22) Diisopropyl ether	6.119	45	216549	50.901	ug/l	100
23) Vinyl Acetate	6.058	43	687264	259.992	ug/l	100
24) 1,1-Dichloroethane	6.015	63	120590	49.743	ug/l	100
25) 2-Butanone	6.984	43	155223	261.155	ug/l	100
26) 2,2-Dichloropropane	6.984	77	104561	48.562	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	74811	50.638	ug/l	100
28) Bromochloromethane	7.332	49	44954	50.742	ug/l	100
29) Tetrahydrofuran	7.344	42	93054	259.581	ug/l	100
30) Chloroform	7.502	83	119604	49.948	ug/l	100
31) Cyclohexane	7.789	56	112780	48.166	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	107417	49.604	ug/l	100
36) 1,1-Dichloropropene	7.917	75	95285	49.675	ug/l	100
37) Ethyl Acetate	7.070	43	58369	48.280	ug/l	100
38) Carbon Tetrachloride	7.899	117	99151	50.056	ug/l	100
39) Methylcyclohexane	9.185	83	117213	51.399	ug/l	100
40) Benzene	8.161	78	271815	50.096	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	85239	134.478	ug/l	# 100
42) 1,2-Dichloroethane	8.234	62	82183	50.379	ug/l	100
43) Isopropyl Acetate	8.271	43	110151	51.067	ug/l	100
44) Trichloroethene	8.941	130	71845	50.222	ug/l	100
45) 1,2-Dichloropropane	9.216	63	67382	49.138	ug/l	100
46) Dibromomethane	9.307	93	39538	50.611	ug/l	100
47) Bromodichloromethane	9.496	83	92062	50.007	ug/l	100
48) Methyl methacrylate	9.295	41	52660	52.984	ug/l	100
49) 1,4-Dioxane	9.295	88	10343	1024.141	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	305710	261.286	ug/l	100
52) Toluene	10.246	92	166020	50.735	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	98222	50.866	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	111167	50.863	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	54243	49.857	ug/l	100
56) Ethyl methacrylate	10.508	69	77344	53.316	ug/l	100
57) 1,3-Dichloropropane	10.788	76	93862	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	201849	265.051	ug/l	100
59) 2-Hexanone	10.831	43	227375	267.390	ug/l	100
60) Dibromochloromethane	10.984	129	66299	50.061	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52662	50.249	ug/l	100
64) Tetrachloroethene	10.721	164	61113	50.027	ug/l	100
65) Chlorobenzene	11.514	112	178237	50.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	65495	50.264	ug/l	100
67) Ethyl Benzene	11.593	91	318395	51.427	ug/l	100
68) m/p-Xylenes	11.703	106	246555	103.520	ug/l	100
69) o-Xylene	12.032	106	113569	51.092	ug/l	100
70) Styrene	12.044	104	194517	52.439	ug/l	100
71) Bromoform	12.209	173	42648	50.199	ug/l	100
73) Isopropylbenzene	12.331	105	305161	51.829	ug/l	100
74) N-amyl acetate	12.142	43	97492	52.626	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	67010	50.629	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	87631	88.329	ug/l	# 100
77) Bromobenzene	12.611	156	72444	50.648	ug/l	100
78) n-propylbenzene	12.672	91	377526	52.007	ug/l	100
79) 2-Chlorotoluene	12.758	91	207670	51.474	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	250018	51.454	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	24746	51.683	ug/l	100
82) 4-Chlorotoluene	12.855	91	214203	51.290	ug/l	100
83) tert-Butylbenzene	13.075	119	220046	52.468	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	247808	52.155	ug/l	100
85) sec-Butylbenzene	13.251	105	329485	51.497	ug/l	100
86) p-Isopropyltoluene	13.367	119	272143	52.044	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	140051	50.767	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	141979	50.427	ug/l	100
89) n-Butylbenzene	13.696	91	260002	51.939	ug/l	100
90) Hexachloroethane	13.959	117	54155	49.724	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	127218	51.015	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11203	52.374	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	79753	51.942	ug/l	100
94) Hexachlorobutadiene	15.111	225	46045	49.168	ug/l	100
95) Naphthalene	15.239	128	165635	53.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	70258	51.450	ug/l	100

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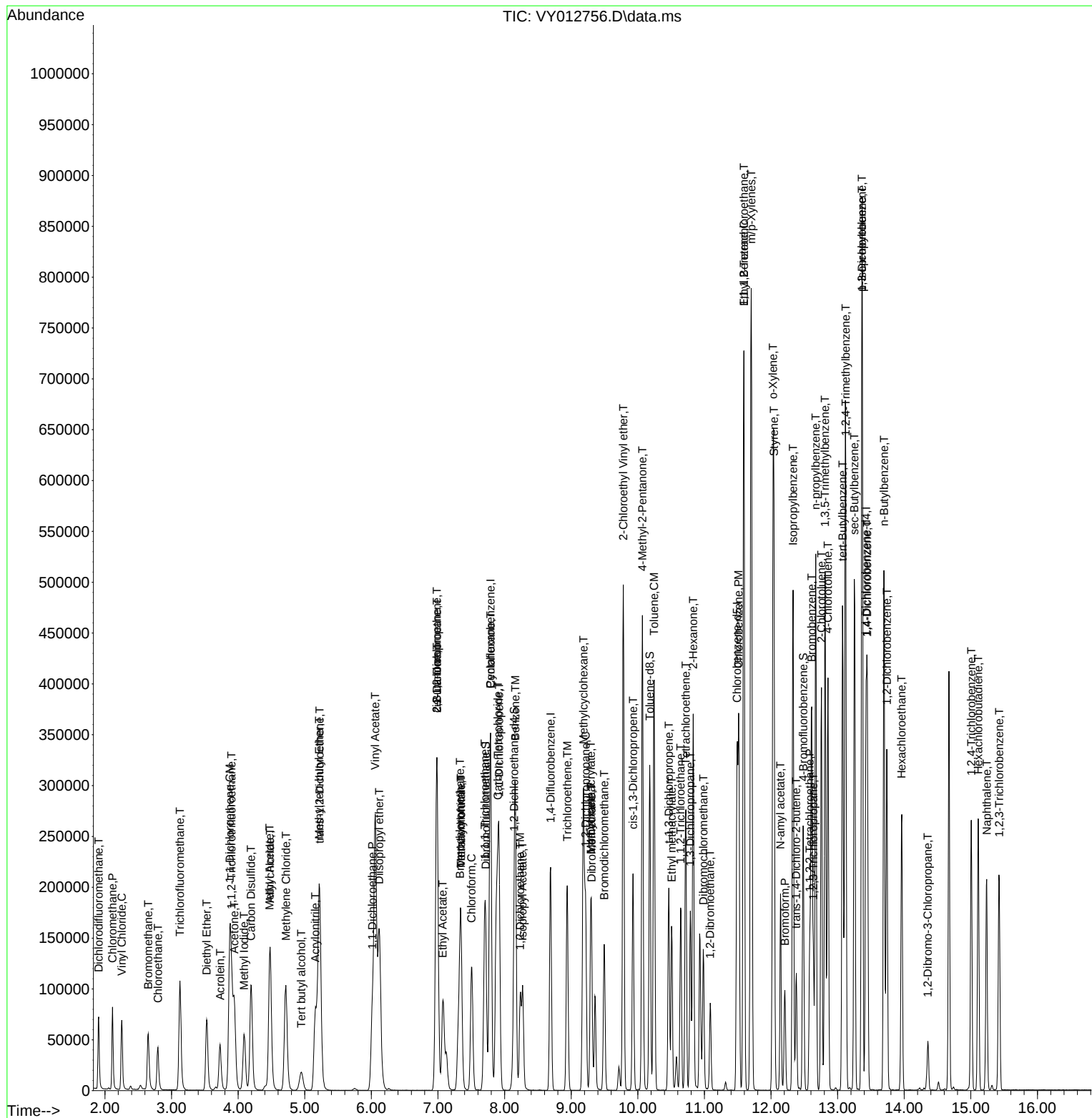
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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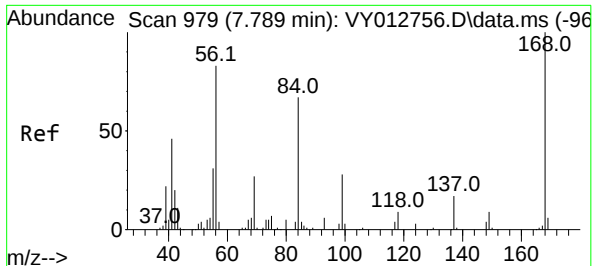
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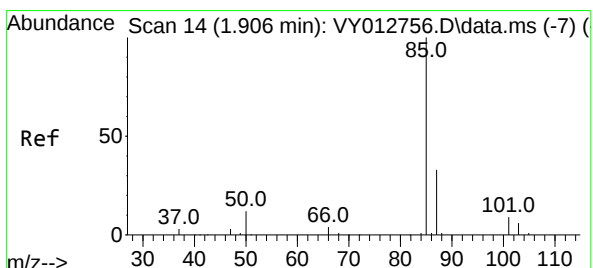
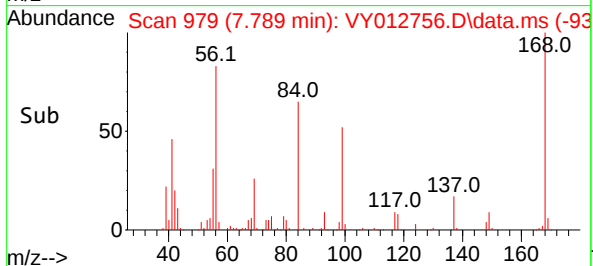
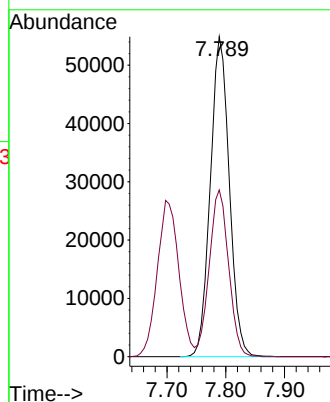
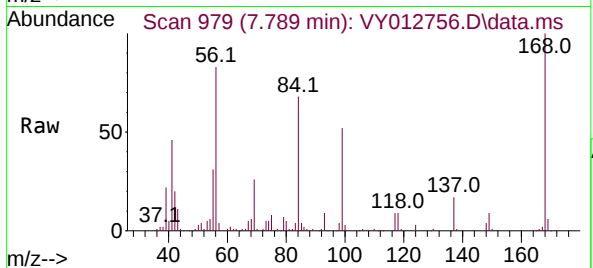




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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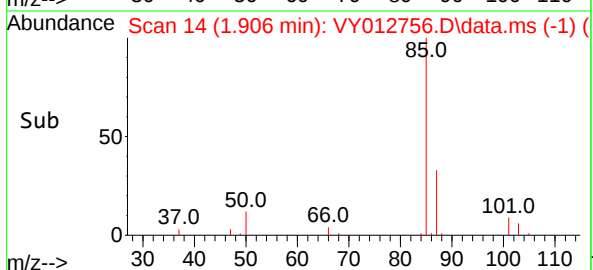
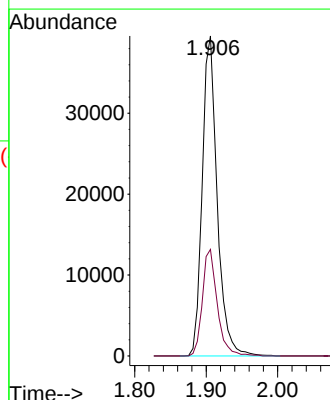
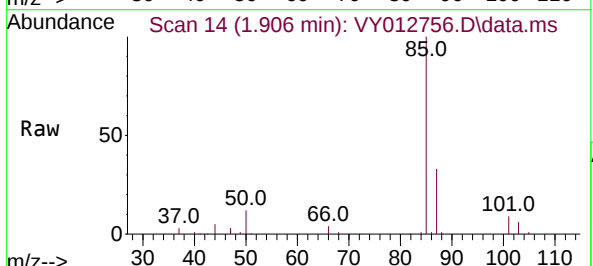
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 123138
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 47.295 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 85 Resp: 57402
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0

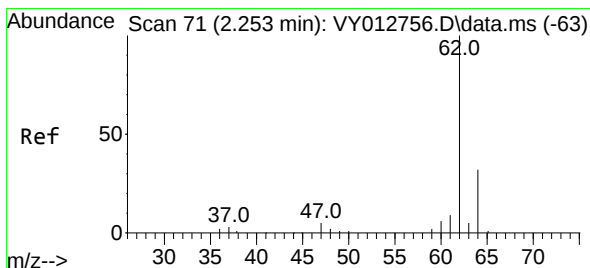
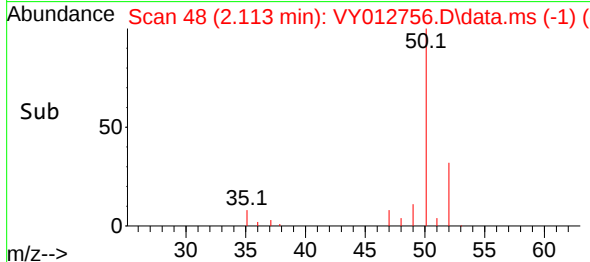
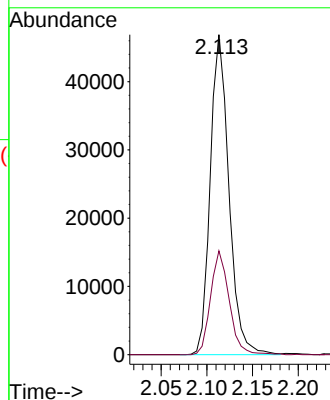
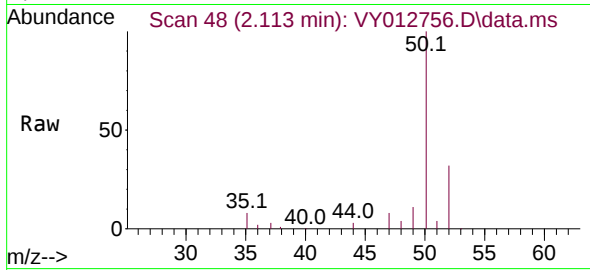




#3
Chloromethane
Concen: 45.859 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

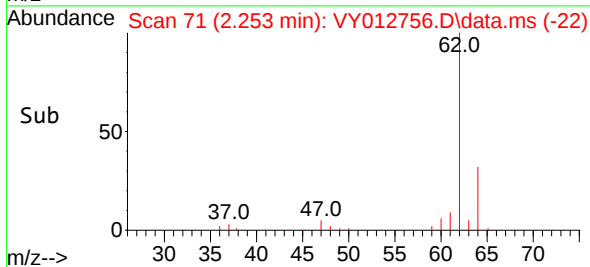
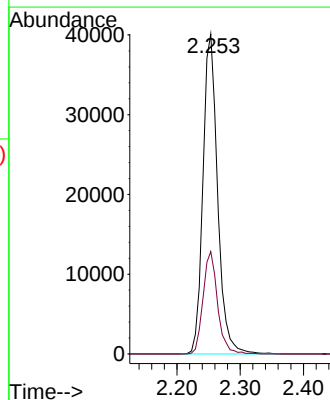
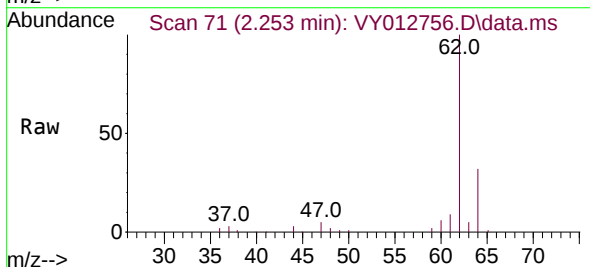
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

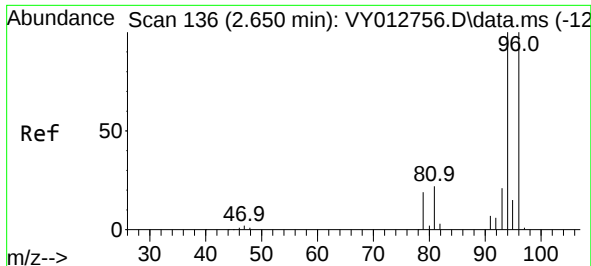
Tgt Ion: 50 Resp: 66541
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 48.594 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 62 Resp: 64656
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 48.146 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

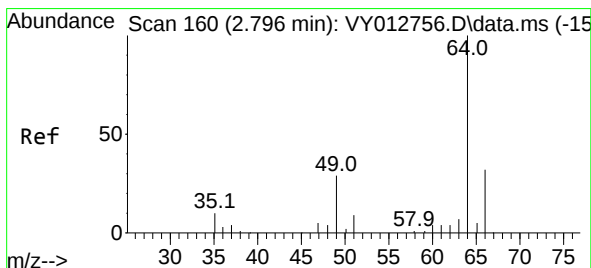
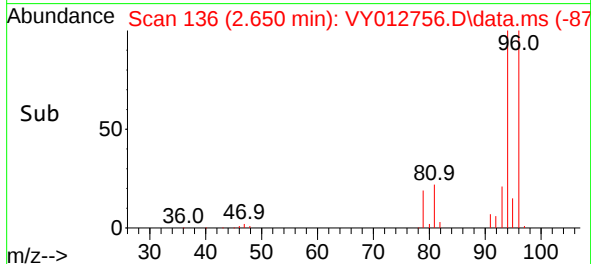
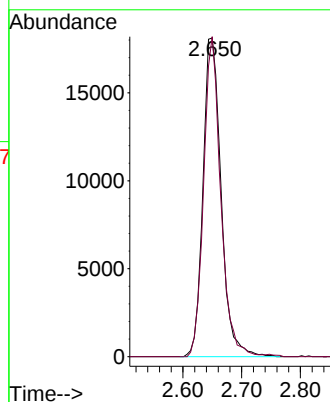
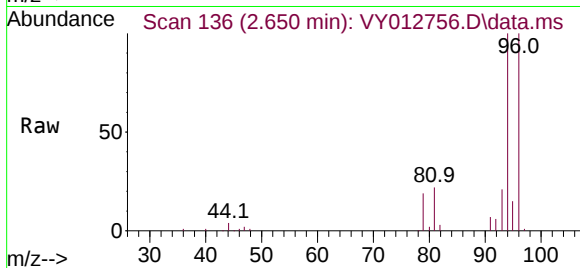
VSTDICCC050

Tgt Ion: 94 Resp: 38925

Ion Ratio Lower Upper

94 100

96 100.4 80.3 120.5



#6

Chloroethane

Concen: 49.268 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012756.D

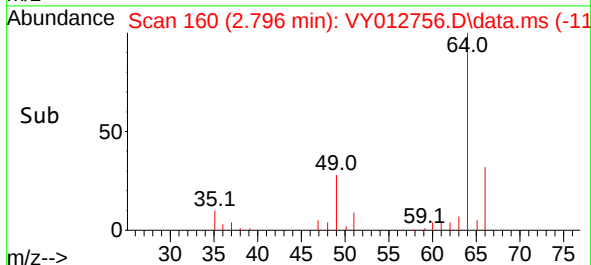
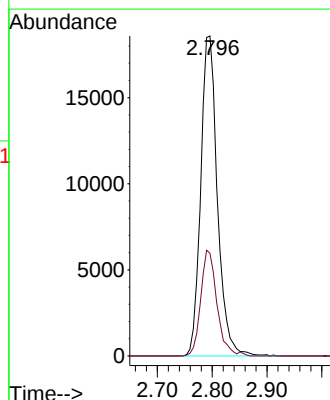
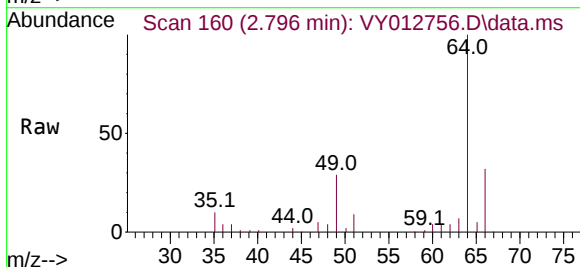
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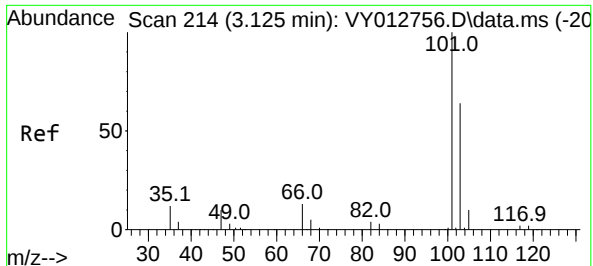
Tgt Ion: 64 Resp: 39259

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5

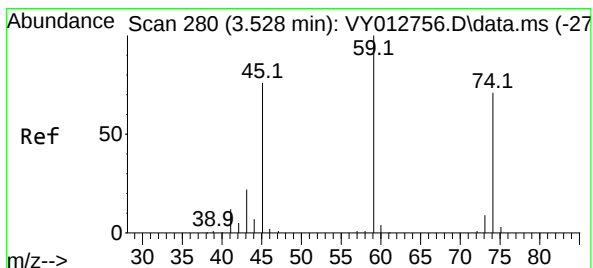
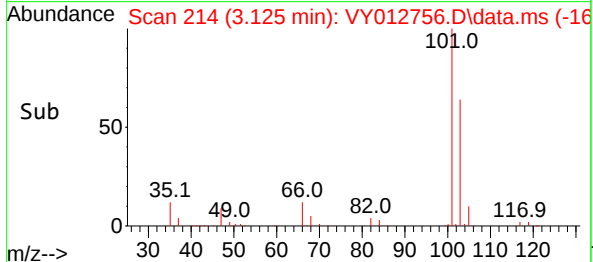
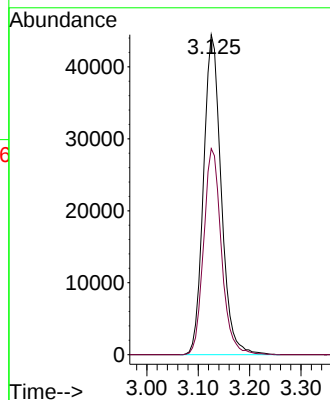
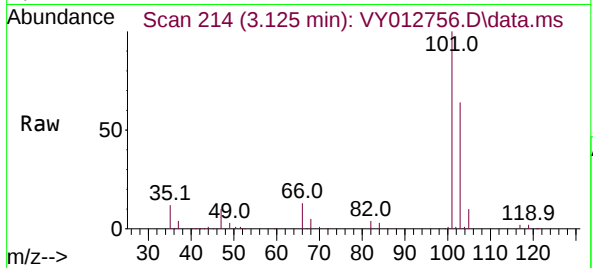




#7
 Trichlorofluoromethane
 Concen: 48.124 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

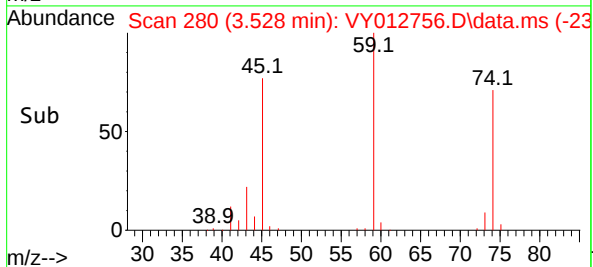
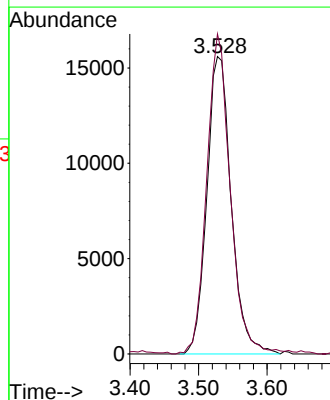
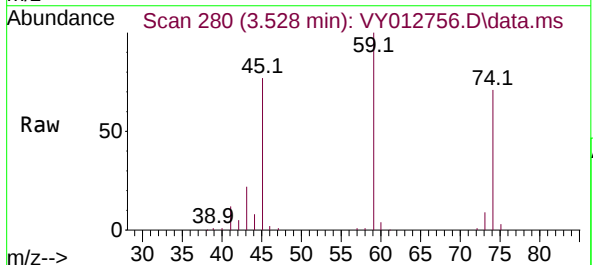
Instrument :
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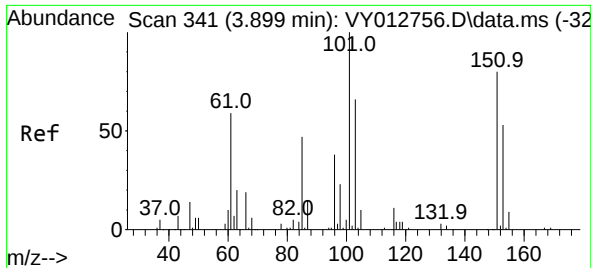
Tgt Ion:101 Resp: 106349
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.821 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012756.D
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Tgt Ion: 74 Resp: 38582
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.1 156.4

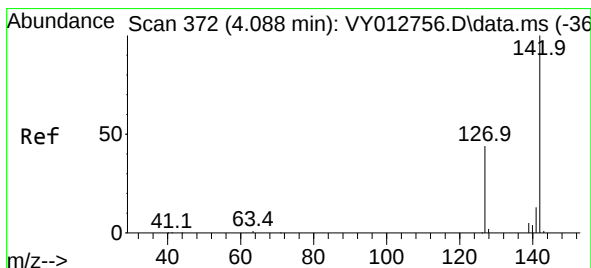
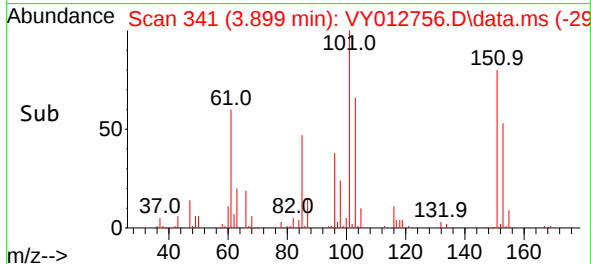
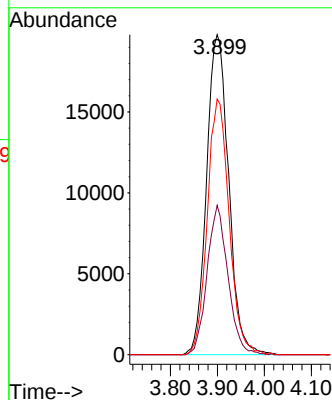
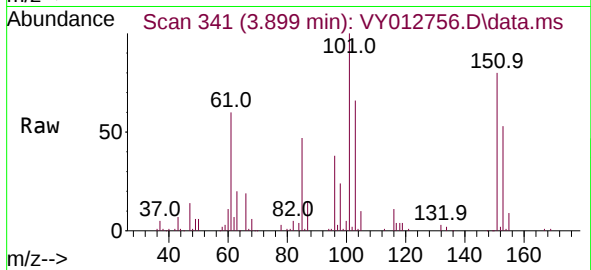




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.516 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

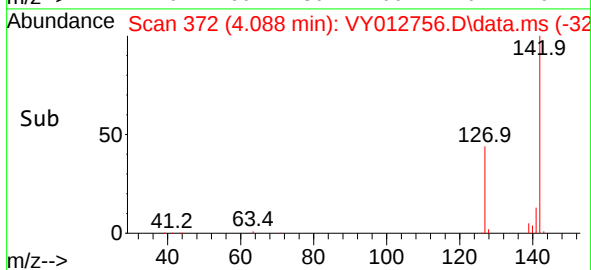
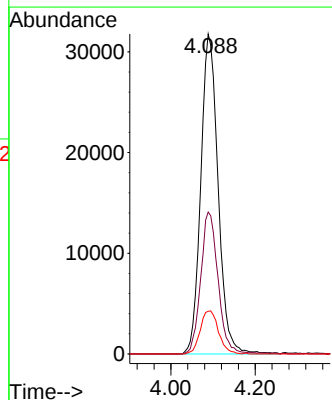
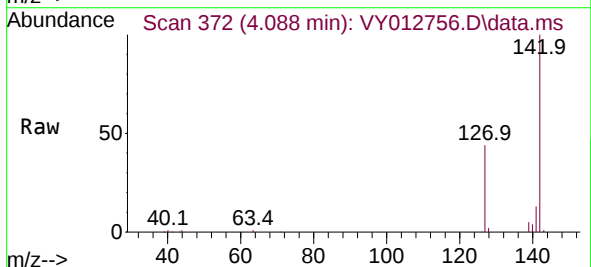
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 64504
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 78.9 63.1 94.7



#10
 Methyl Iodide
 Concen: 52.527 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

Tgt Ion:142 Resp: 90995
 Ion Ratio Lower Upper
 142 100
 127 44.3 35.4 53.2
 141 14.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 245.865 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

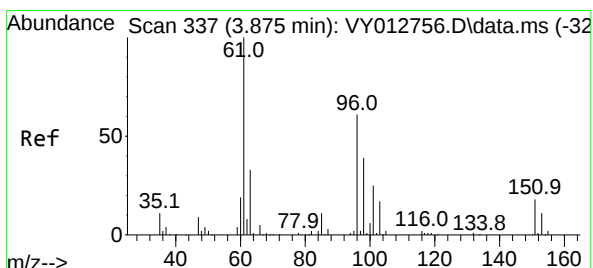
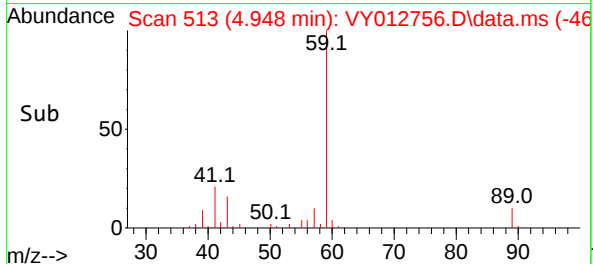
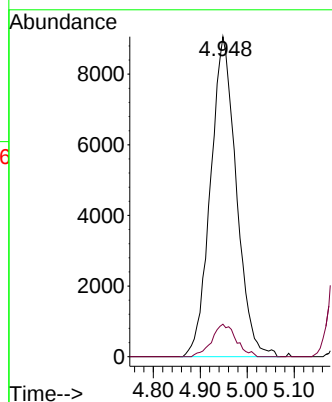
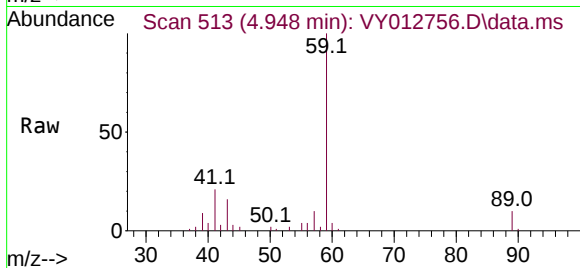
VSTDICCC050

Tgt Ion: 59 Resp: 34616

Ion Ratio Lower Upper

59 100

57 9.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 49.320 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

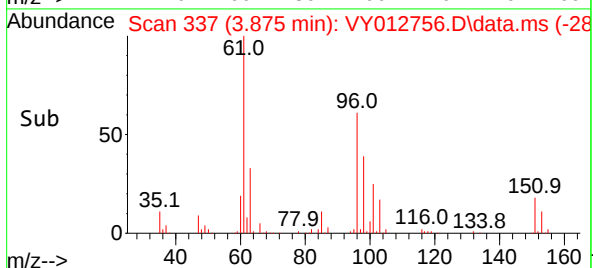
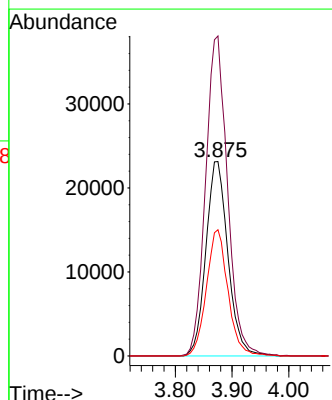
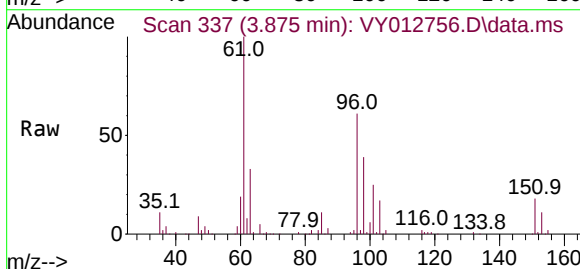
Tgt Ion: 96 Resp: 62540

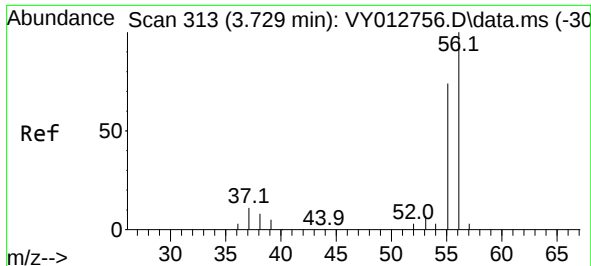
Ion Ratio Lower Upper

96 100

61 164.6 131.7 197.5

98 65.0 52.0 78.0





#13

Acrolein

Concen: 243.965 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

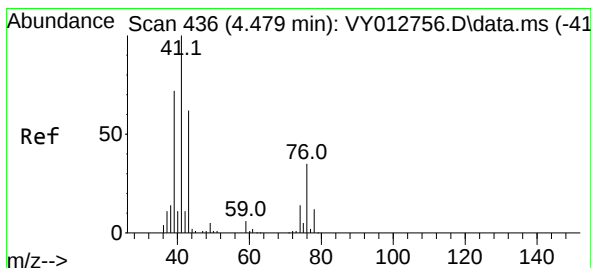
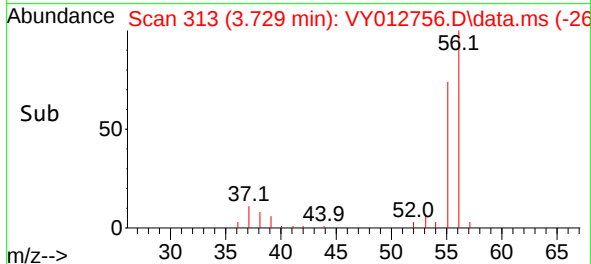
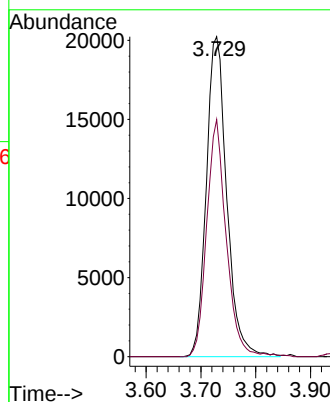
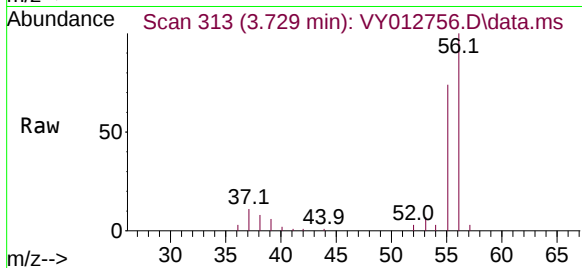
VSTDICCC050

Tgt Ion: 56 Resp: 52257

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 50.028 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

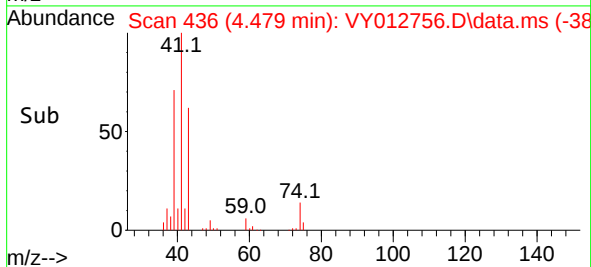
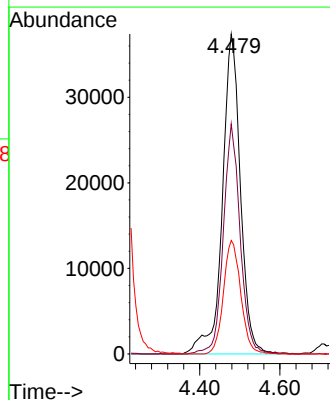
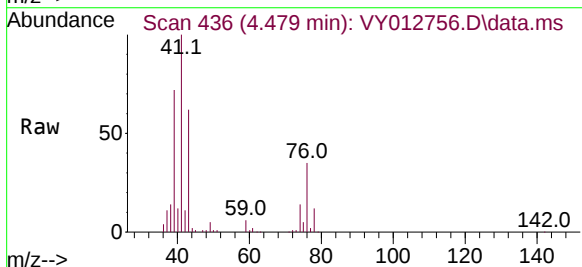
Tgt Ion: 41 Resp: 117179

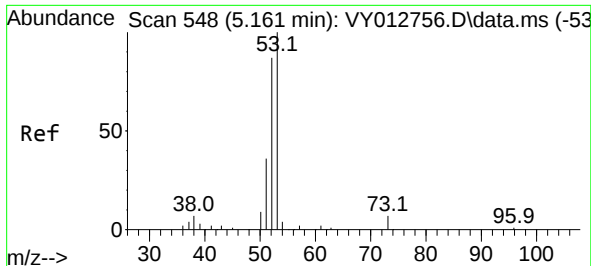
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 34.0 27.2 40.8

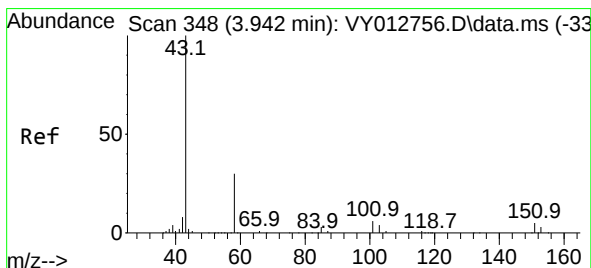
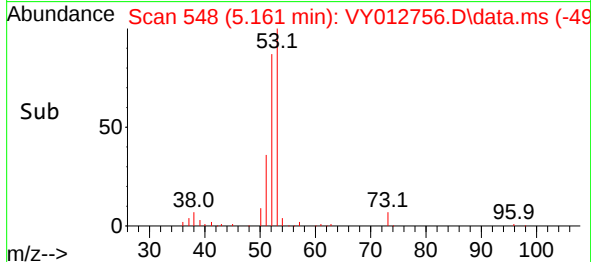
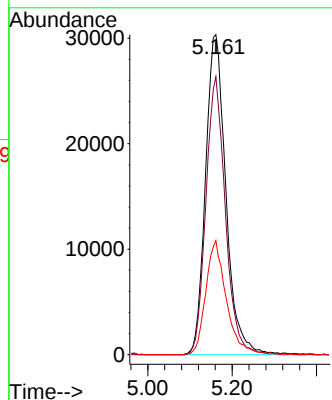
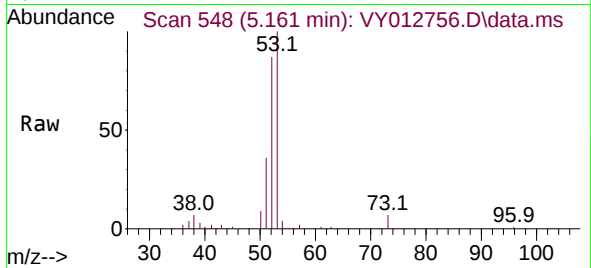




#15
Acrylonitrile
Concen: 249.760 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

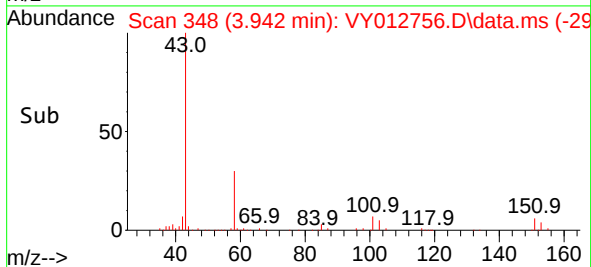
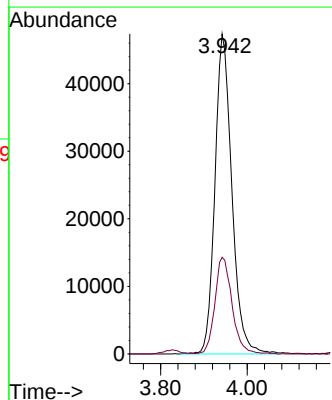
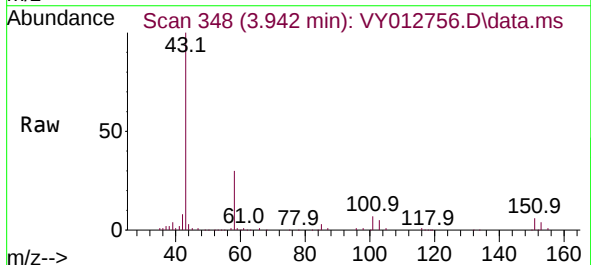
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

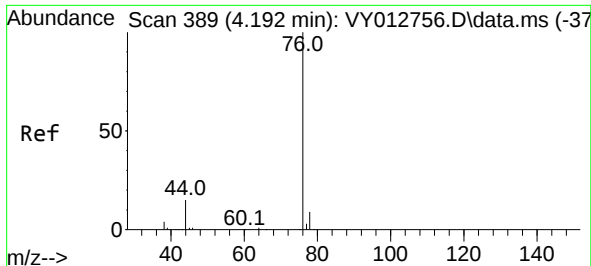
Tgt Ion: 53 Resp: 101912
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 36.0 28.8 43.2



#16
Acetone
Concen: 268.115 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 43 Resp: 128663
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2

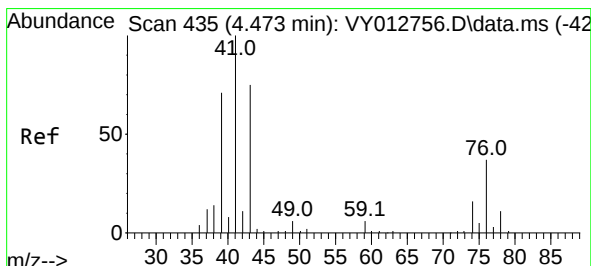
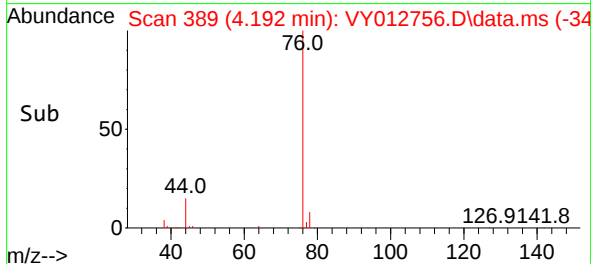
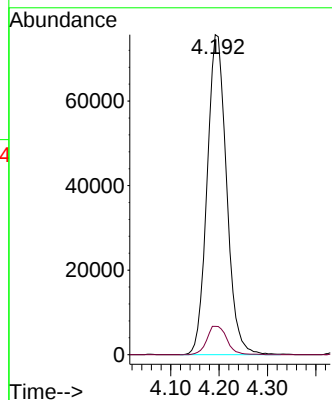
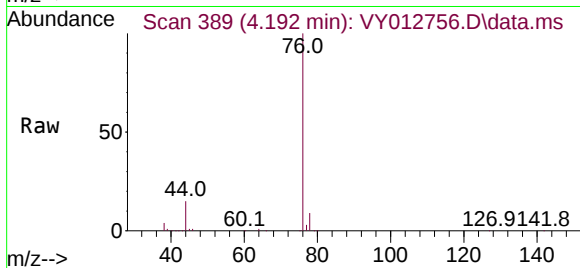




#17
Carbon Disulfide
Concen: 49.032 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

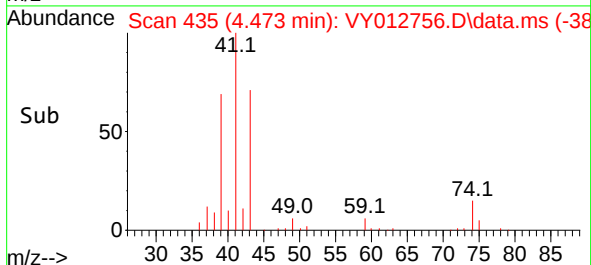
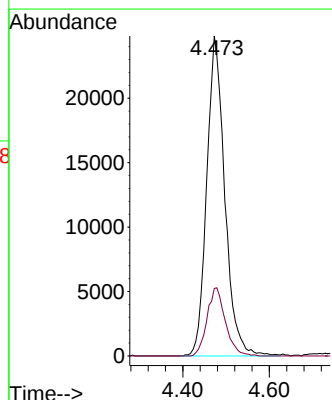
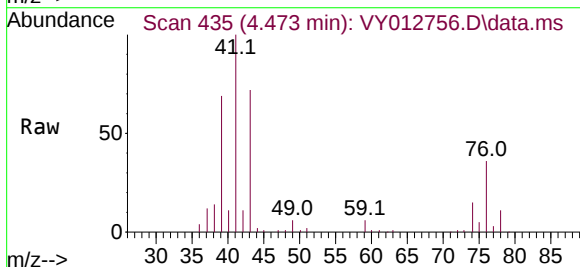
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

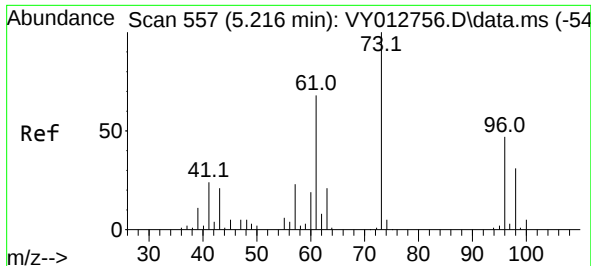
Tgt Ion: 76 Resp: 211632
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 50.275 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 43 Resp: 71847
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

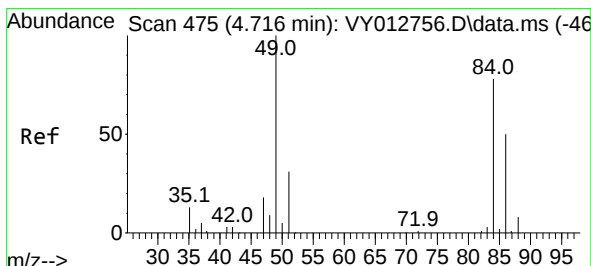
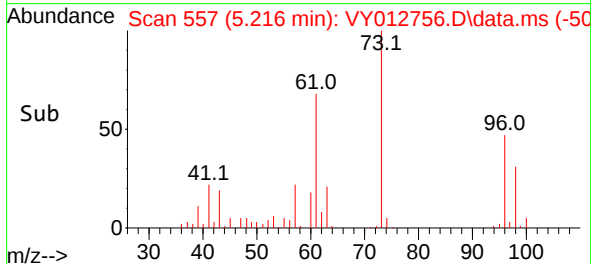
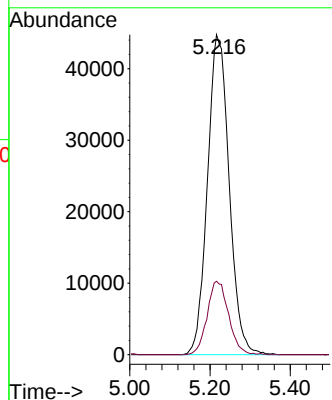
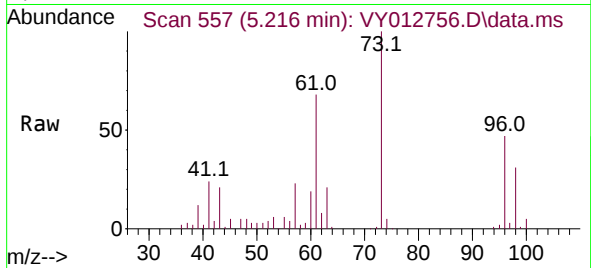




#19
Methyl tert-butyl Ether
Concen: 51.308 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

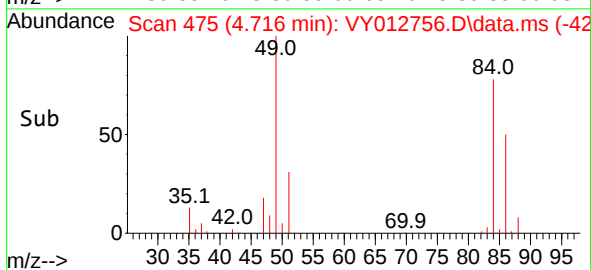
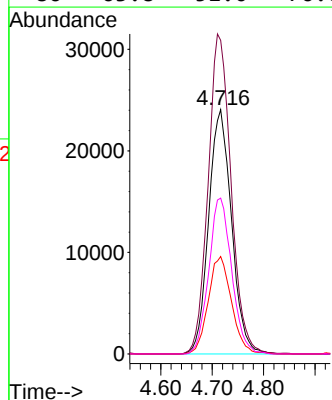
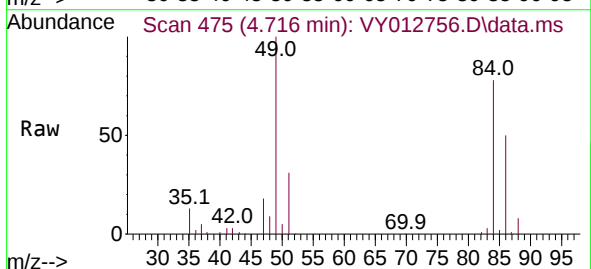
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 168048
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 51.002 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 84 Resp: 74528
Ion Ratio Lower Upper
84 100
49 128.3 102.6 154.0
51 39.9 31.9 47.9
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.569 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

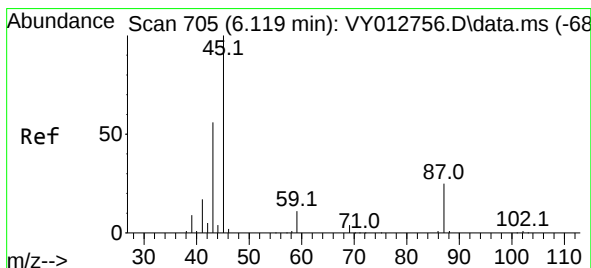
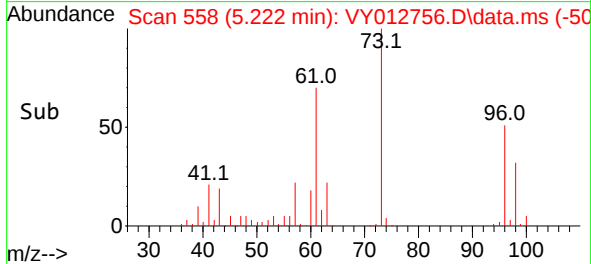
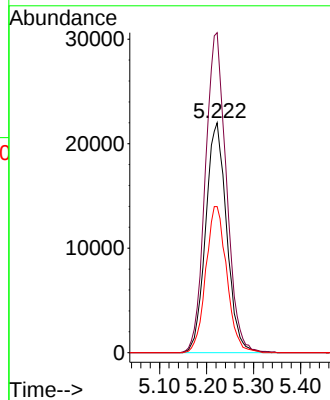
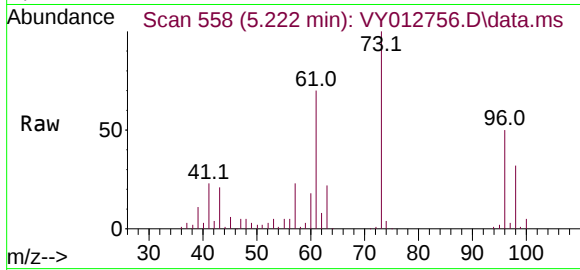
Tgt Ion: 96 Resp: 68306

Ion Ratio Lower Upper

96 100

61 139.2 111.4 167.0

98 63.5 50.8 76.2



#22

Diisopropyl ether

Concen: 50.901 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Tgt Ion: 45 Resp: 216549

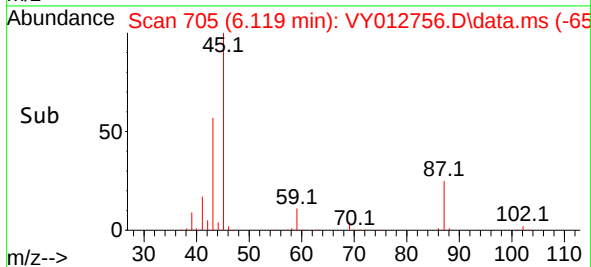
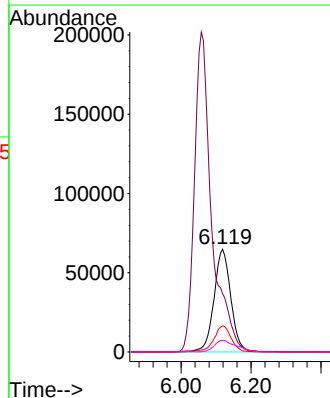
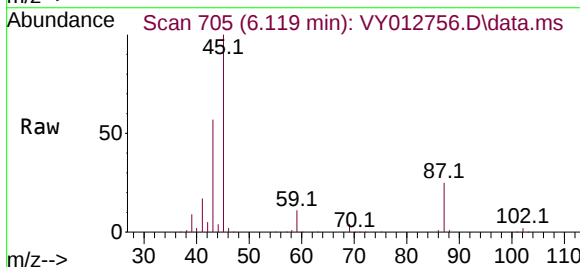
Ion Ratio Lower Upper

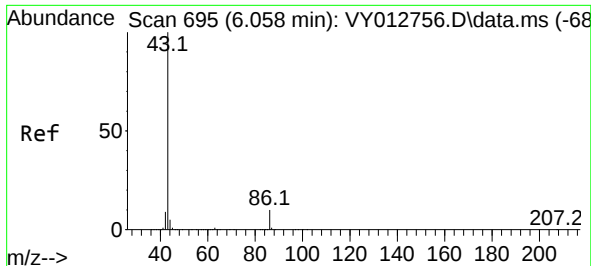
45 100

43 56.3 45.0 67.6

87 25.4 20.3 30.5

59 11.0 8.8 13.2

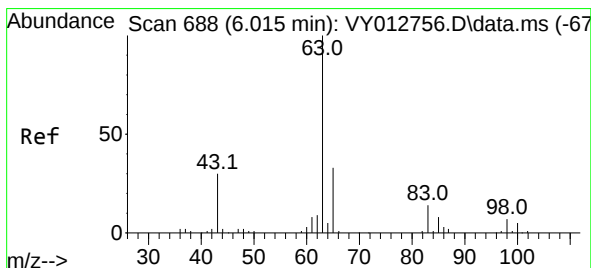
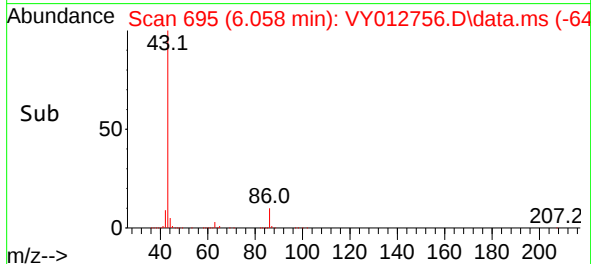
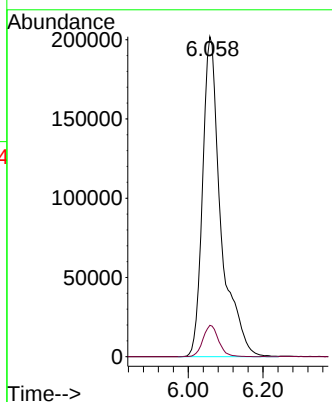
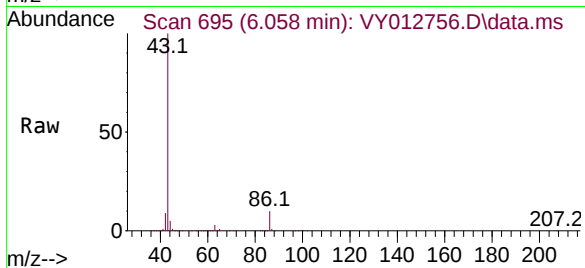




#23
 Vinyl Acetate
 Concen: 259.992 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

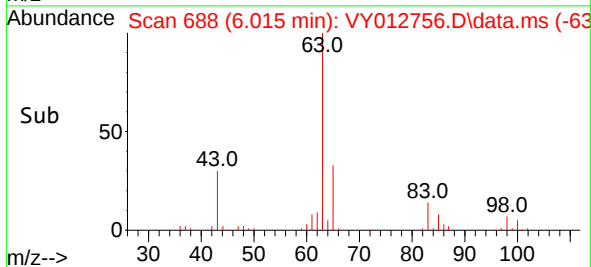
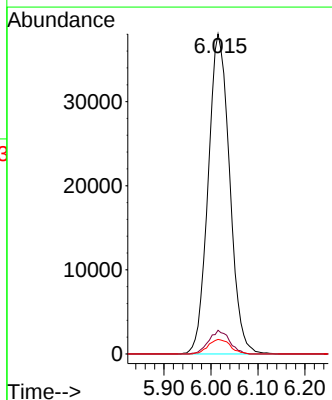
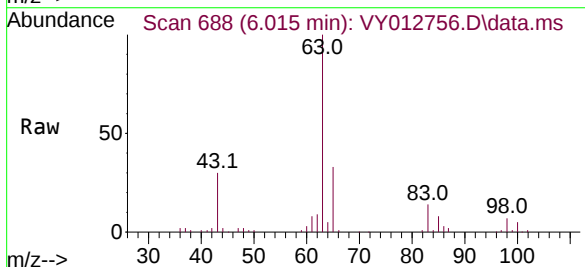
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

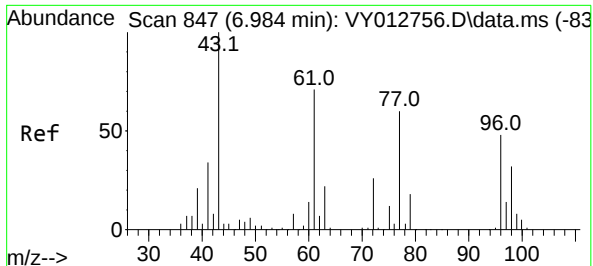
Tgt Ion: 43 Resp: 687264
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.743 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

Tgt Ion: 63 Resp: 120590
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 261.155 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

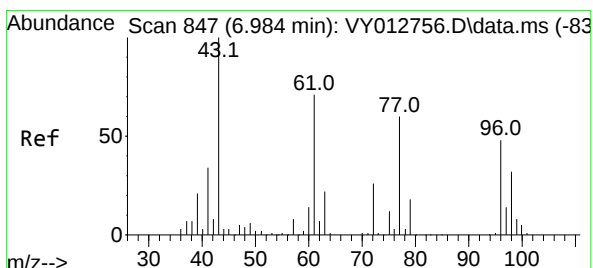
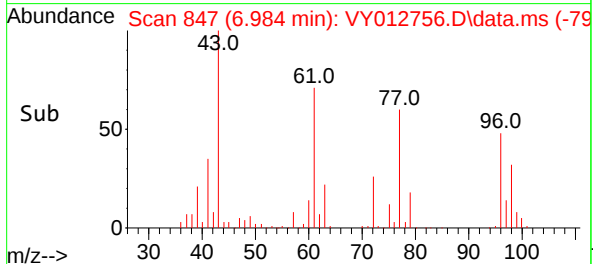
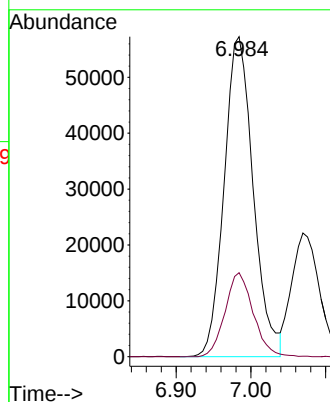
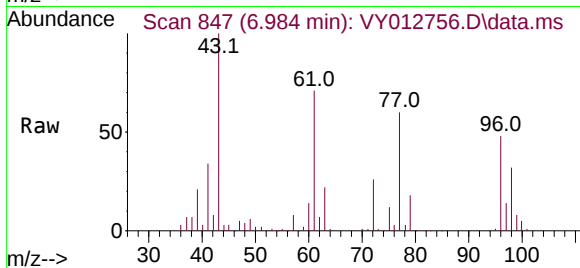
VSTDICCC050

Tgt Ion: 43 Resp: 155223

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.562 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012756.D

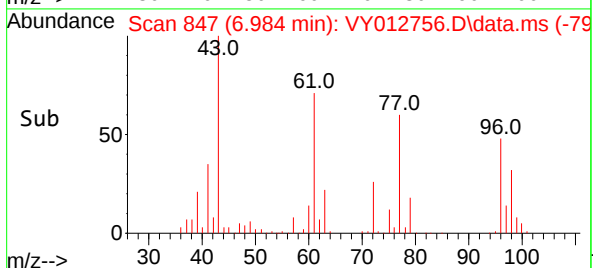
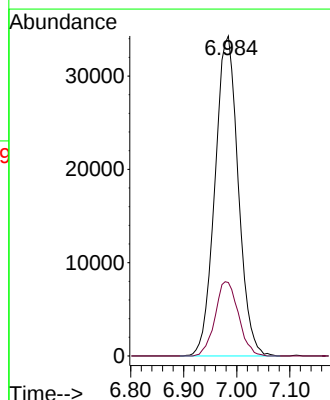
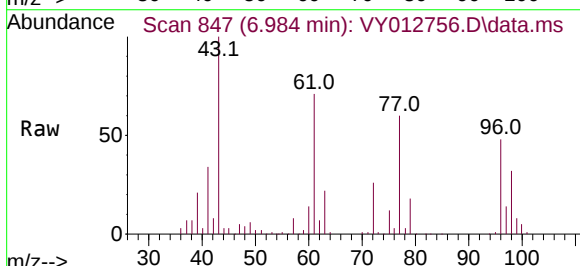
Acq: 02 Mar 2023 13:25

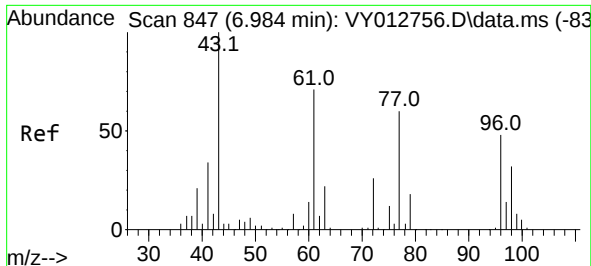
Tgt Ion: 77 Resp: 104561

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.638 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

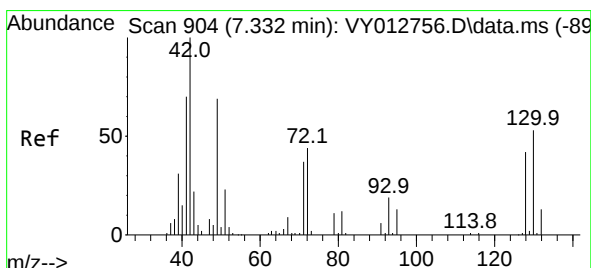
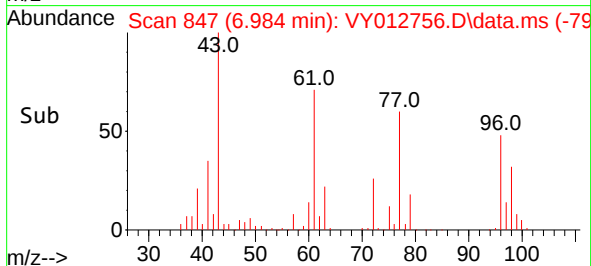
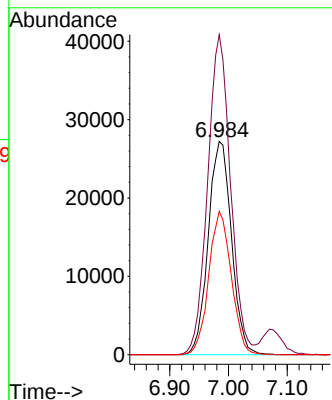
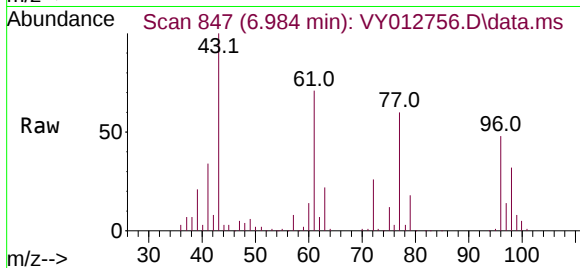
Tgt Ion: 96 Resp: 74811

Ion Ratio Lower Upper

96 100

61 147.9 0.0 295.8

98 65.1 0.0 130.2



#28

Bromochloromethane

Concen: 50.742 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

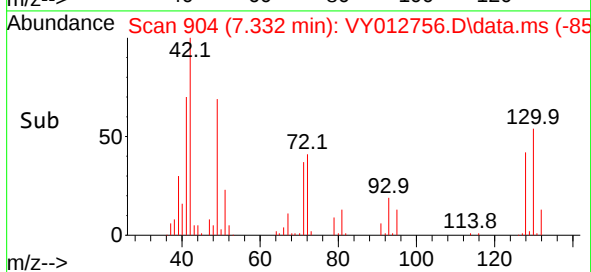
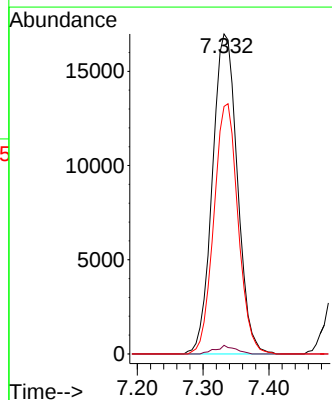
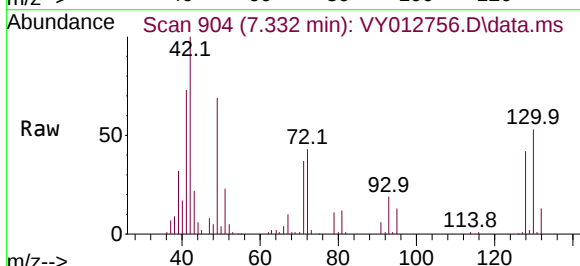
Tgt Ion: 49 Resp: 44954

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 75.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 259.581 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

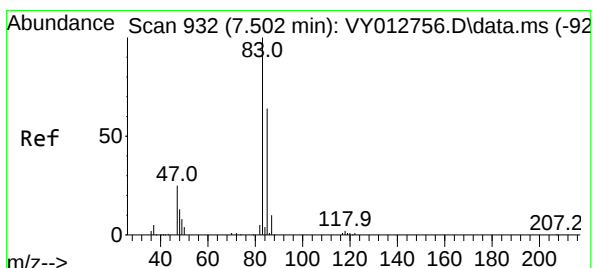
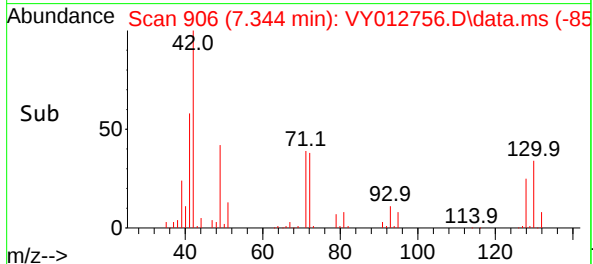
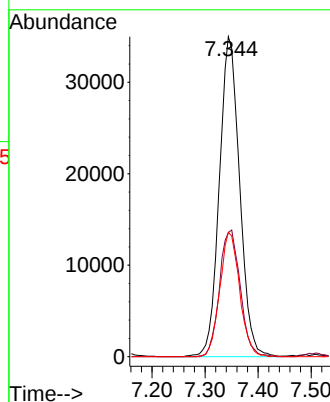
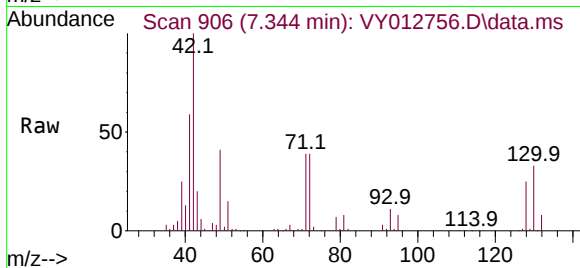
Tgt Ion: 42 Resp: 93054

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 49.948 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012756.D

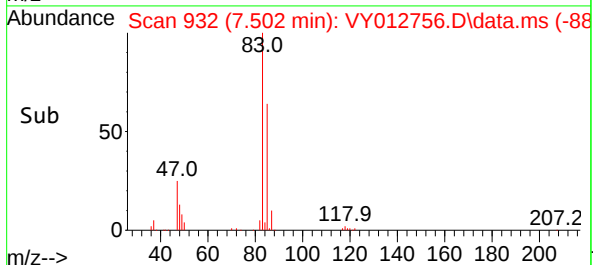
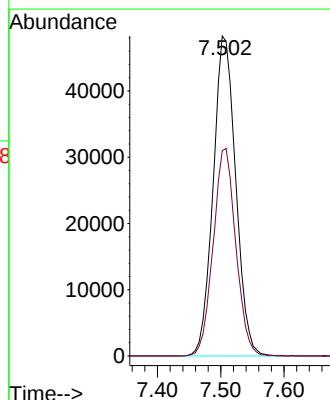
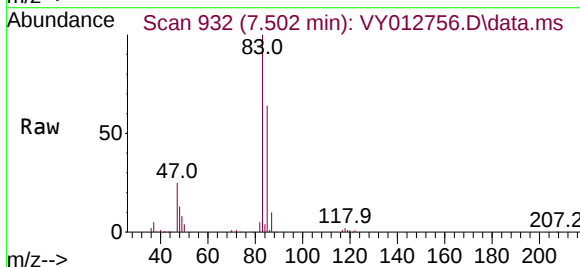
Acq: 02 Mar 2023 13:25

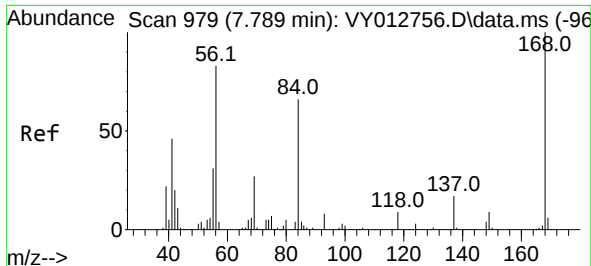
Tgt Ion: 83 Resp: 119604

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

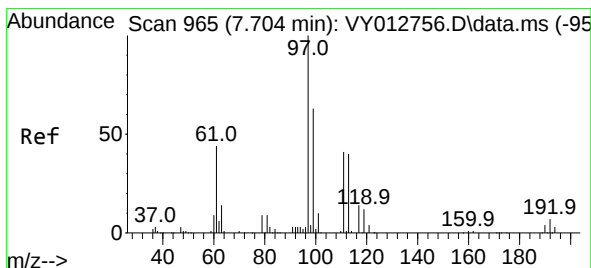
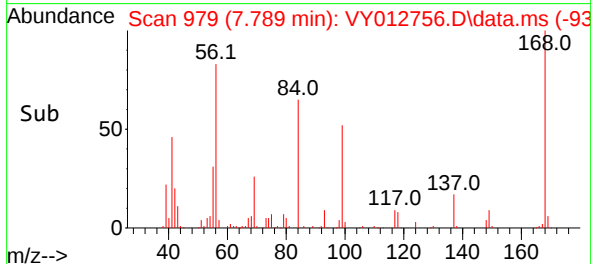
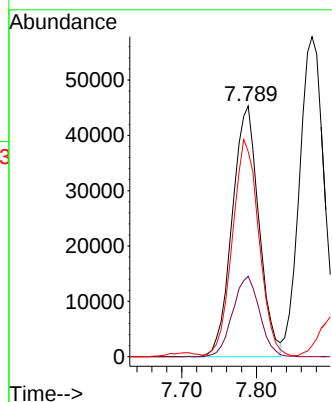
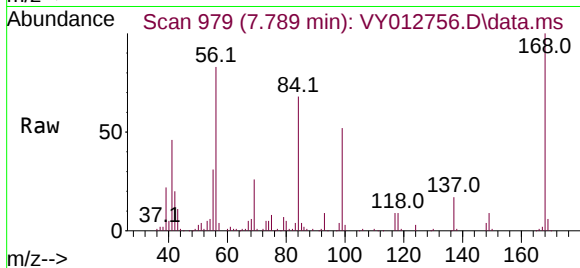




#31
Cyclohexane
Concen: 48.166 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

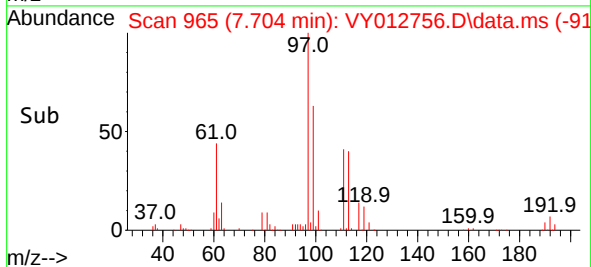
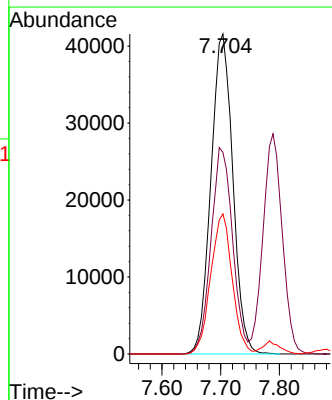
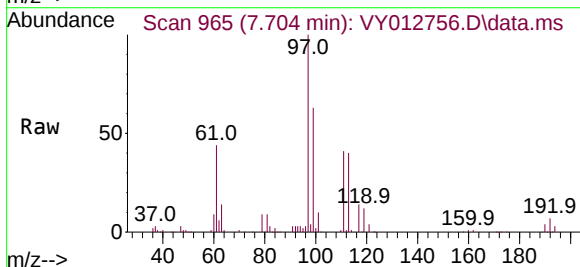
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

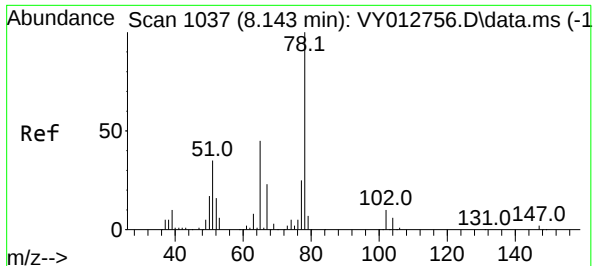
Tgt Ion: 56 Resp: 112780
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 80.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 49.604 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 97 Resp: 107417
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 43.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.917 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

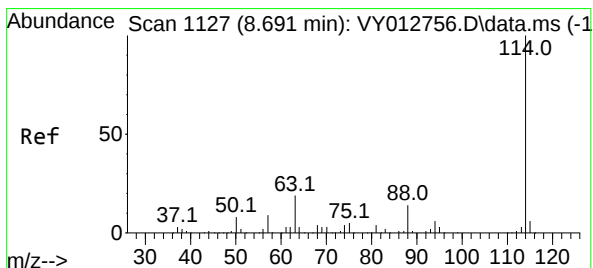
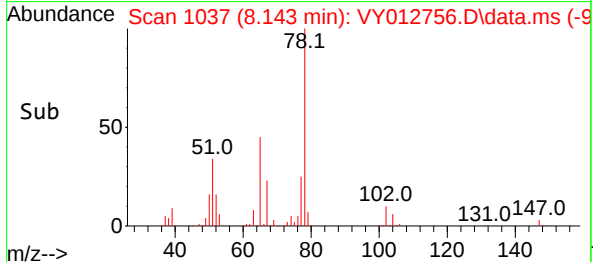
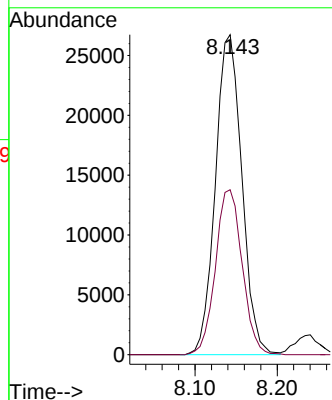
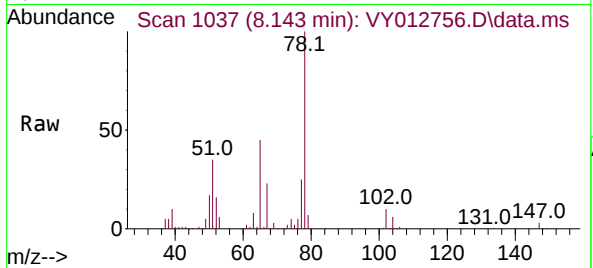
VSTDICCC050

Tgt Ion: 65 Resp: 59806

Ion Ratio Lower Upper

65 100

67 52.0 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: VY012756.D

Acq: 02 Mar 2023 13:25

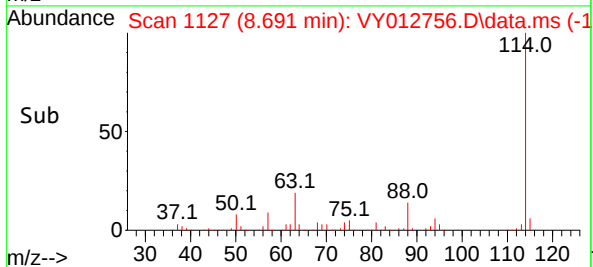
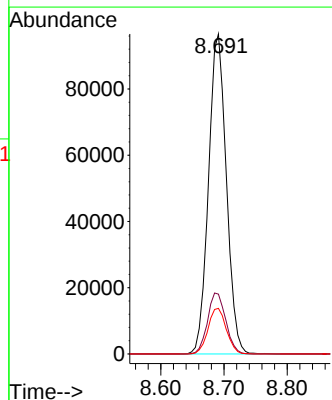
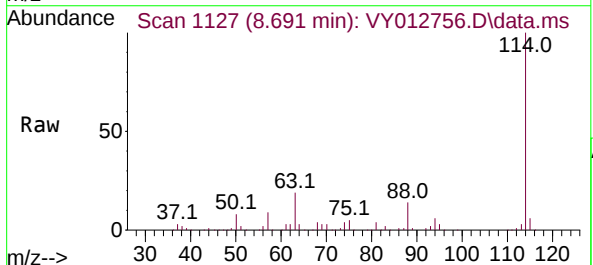
Tgt Ion: 114 Resp: 189666

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.529 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

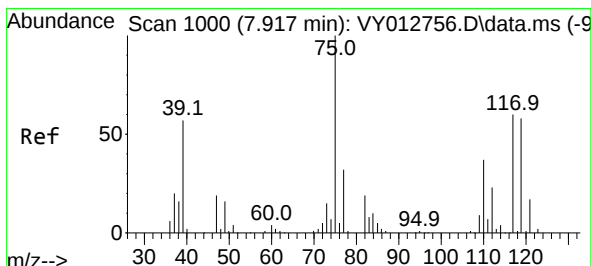
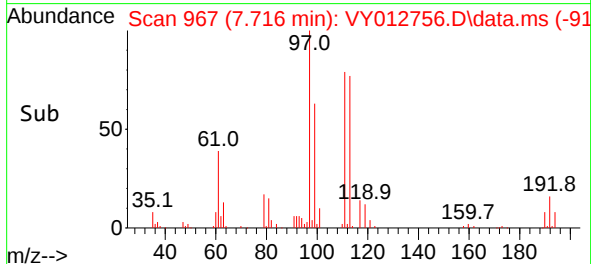
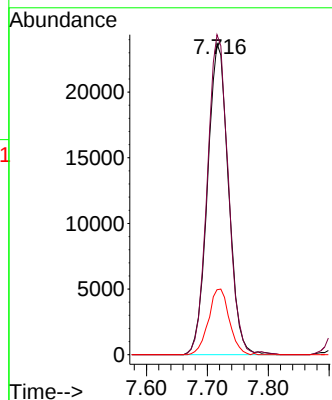
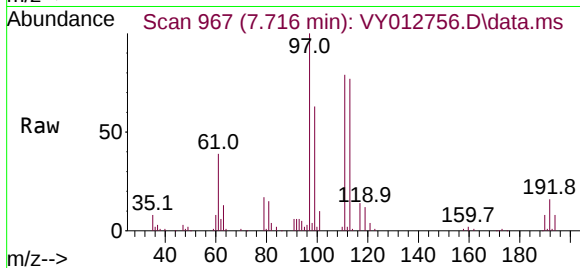
Tgt Ion:113 Resp: 56693

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.675 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

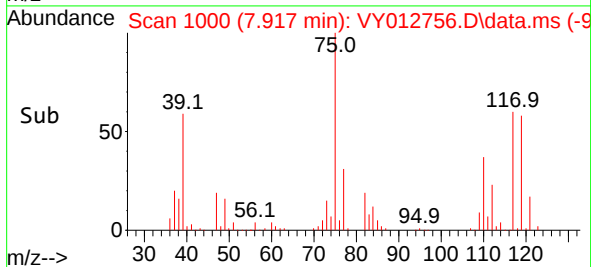
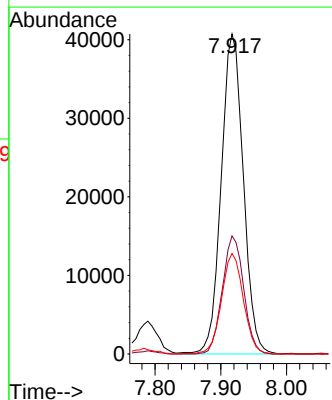
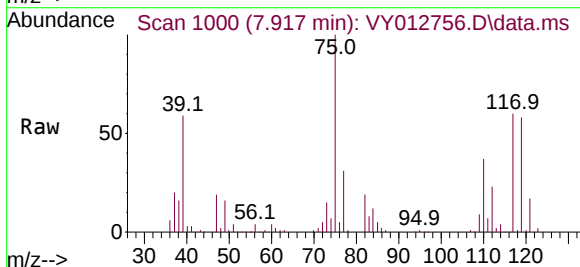
Tgt Ion: 75 Resp: 95285

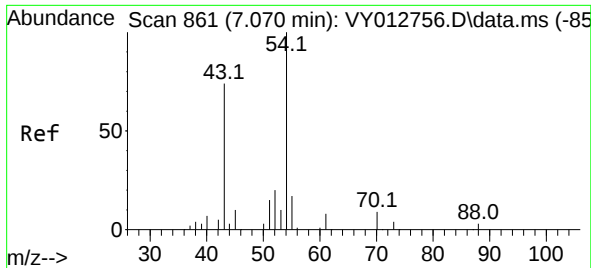
Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 48.280 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

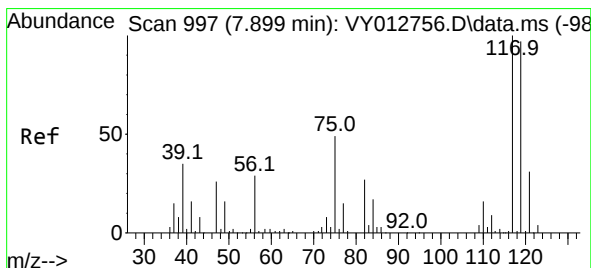
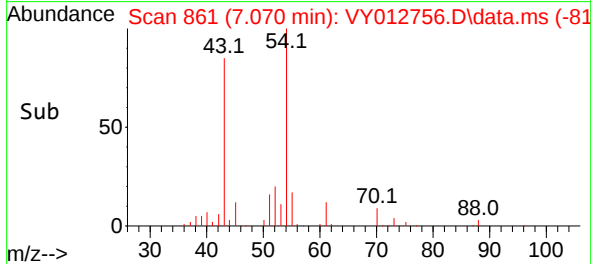
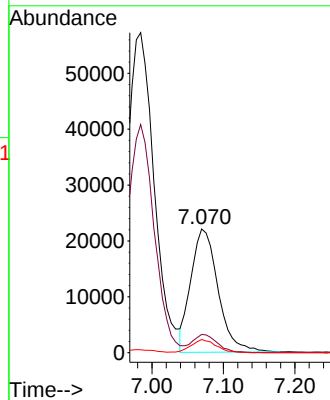
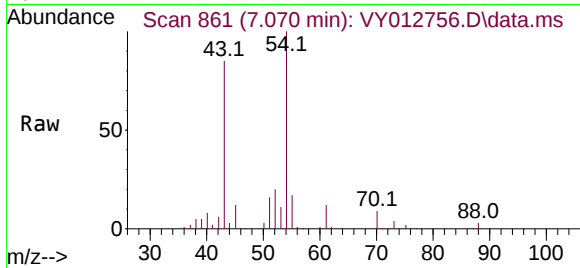
Tgt Ion: 43 Resp: 58369

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.056 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

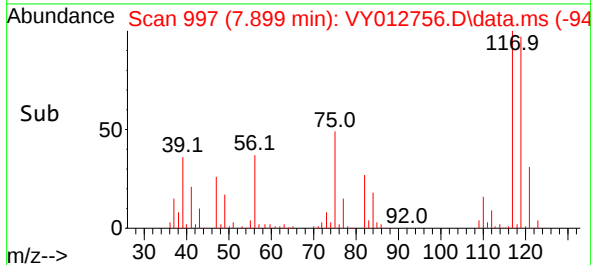
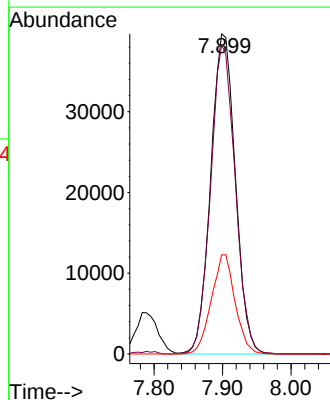
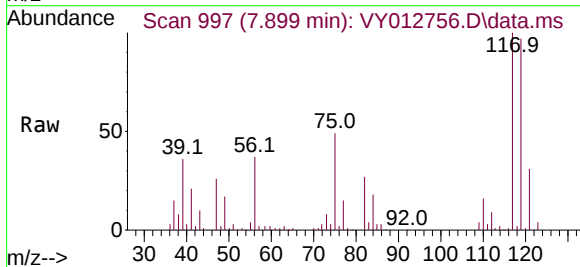
Tgt Ion: 117 Resp: 99151

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 51.399 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

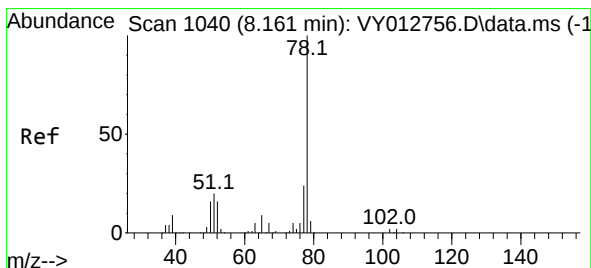
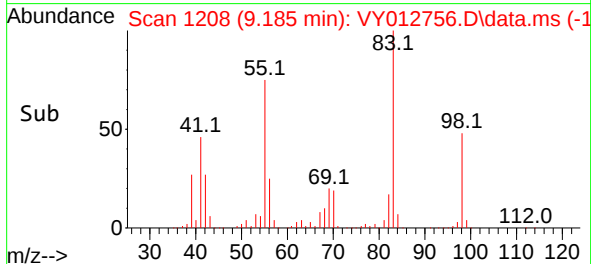
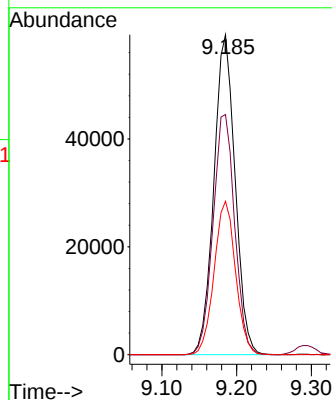
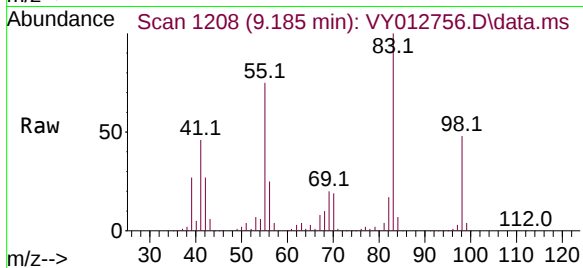
Tgt Ion: 83 Resp: 117213

Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

98 47.9 38.3 57.5



#40

Benzene

Concen: 50.096 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012756.D

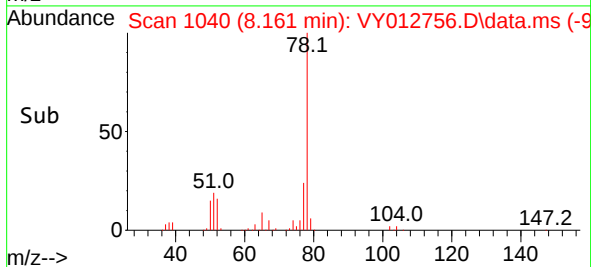
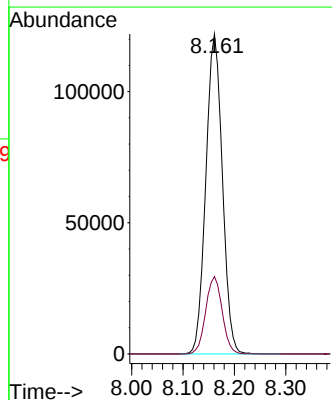
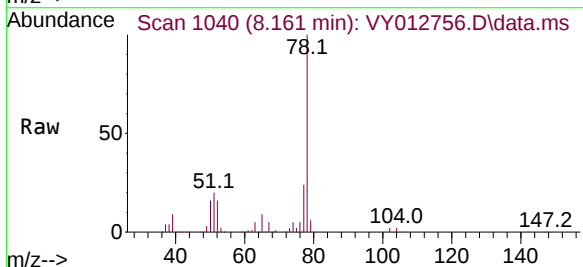
Acq: 02 Mar 2023 13:25

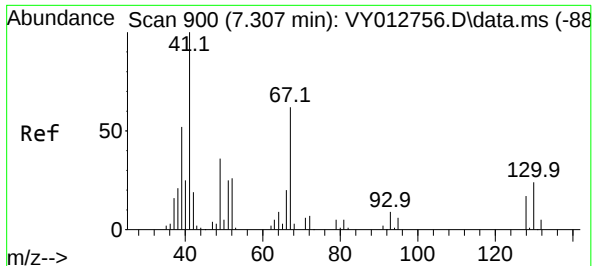
Tgt Ion: 78 Resp: 271815

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

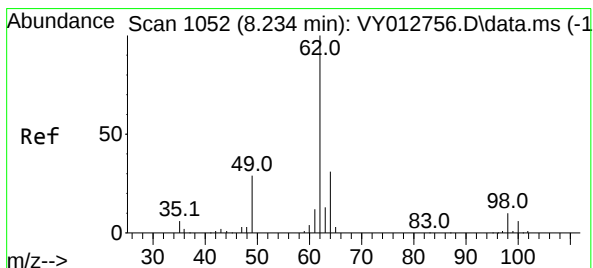
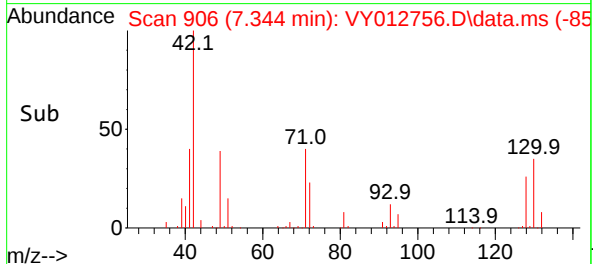
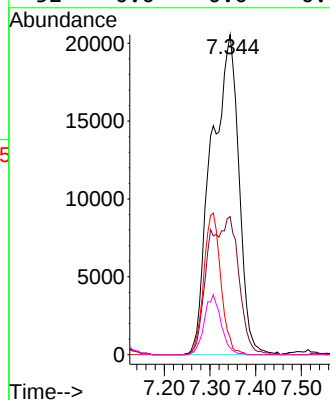
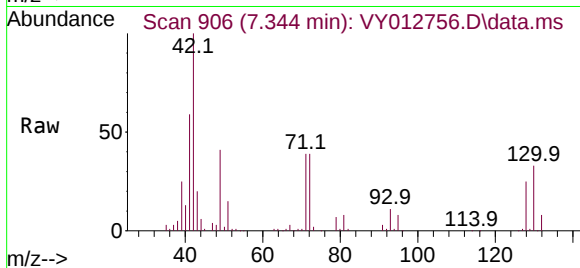




#41
Methacrylonitrile
Concen: 134.478 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

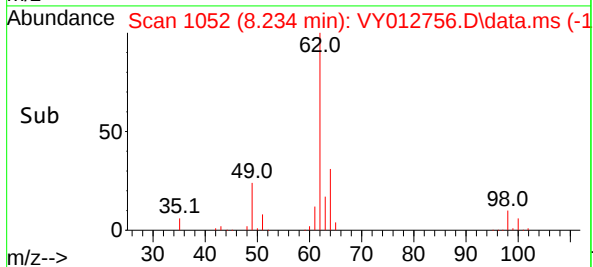
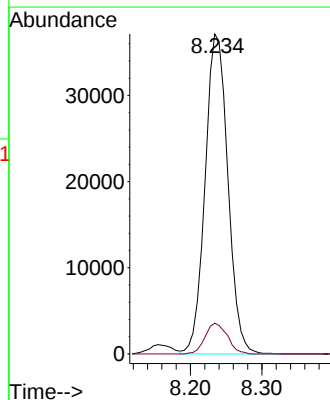
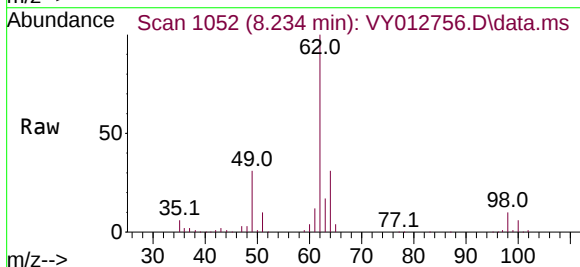
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

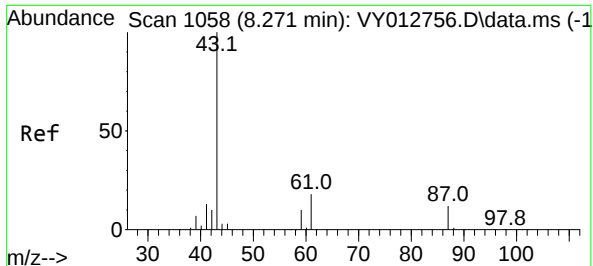
Tgt Ion:	41	Resp:	85239
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.379 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:	62	Resp:	82183
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 51.067 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

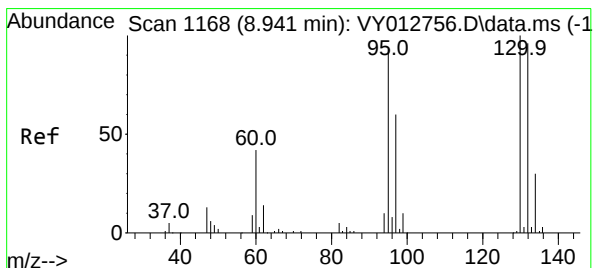
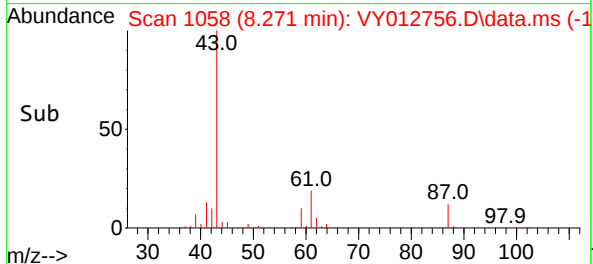
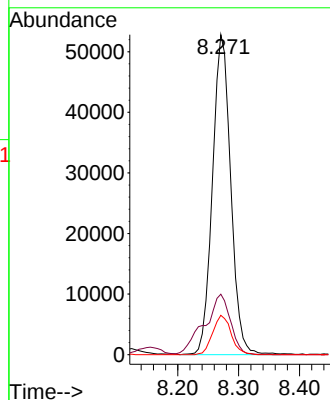
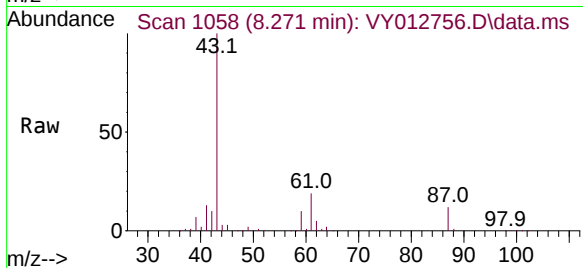
Tgt Ion: 43 Resp: 110151

Ion Ratio Lower Upper

43 100

61 27.0 21.6 32.4

87 12.4 9.9 14.9



#44

Trichloroethene

Concen: 50.222 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012756.D

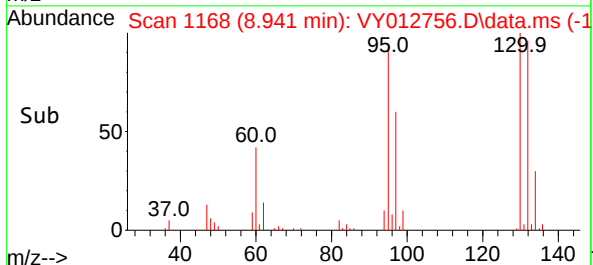
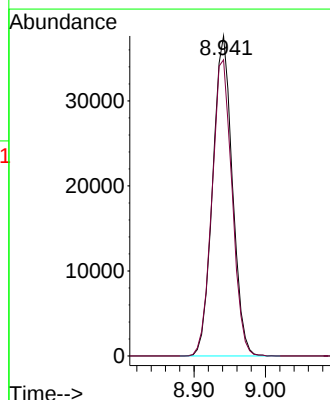
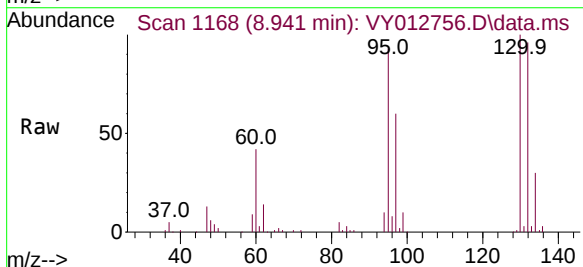
Acq: 02 Mar 2023 13:25

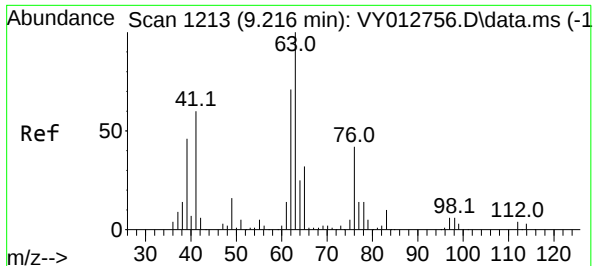
Tgt Ion:130 Resp: 71845

Ion Ratio Lower Upper

130 100

95 92.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 49.138 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

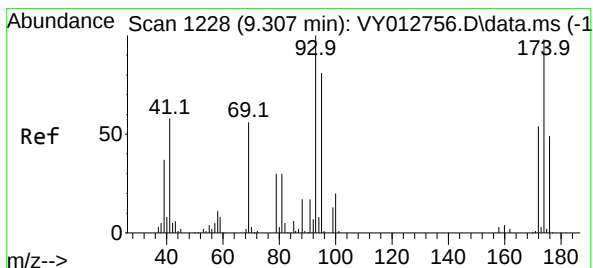
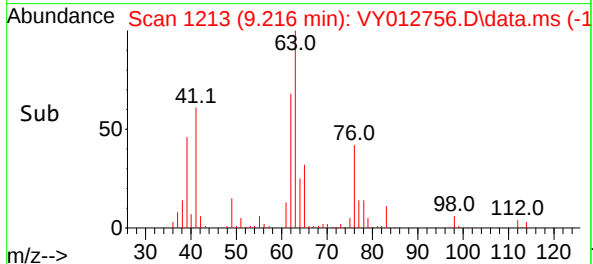
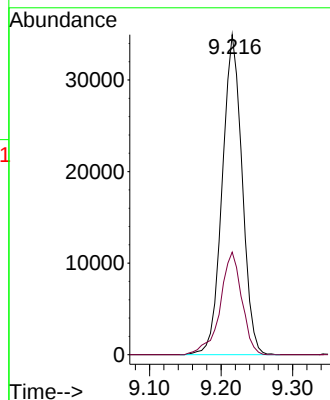
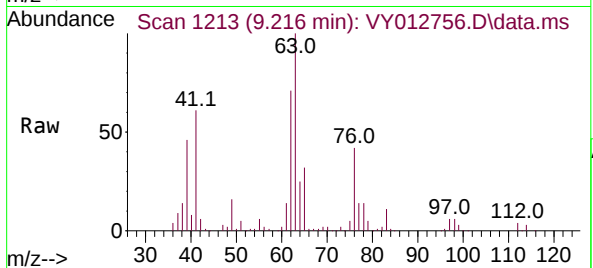
VSTDICCC050

Tgt Ion: 63 Resp: 67382

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 50.611 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

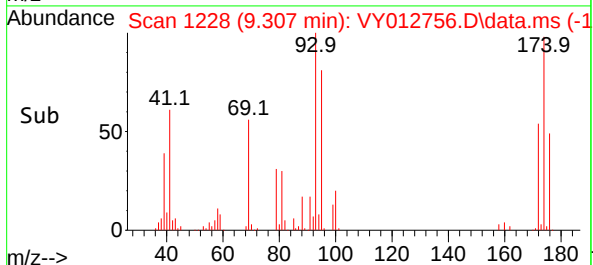
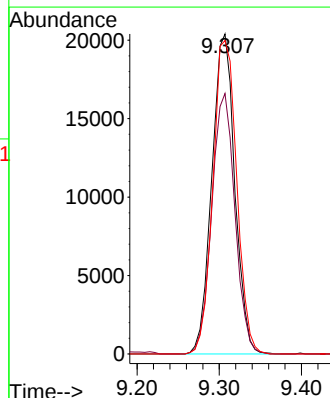
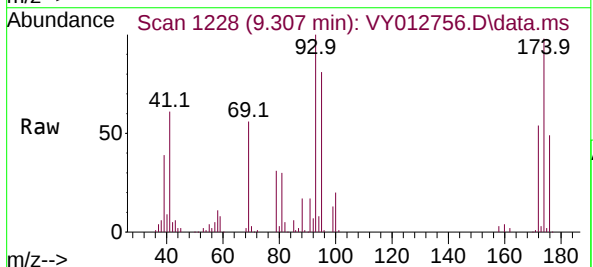
Tgt Ion: 93 Resp: 39538

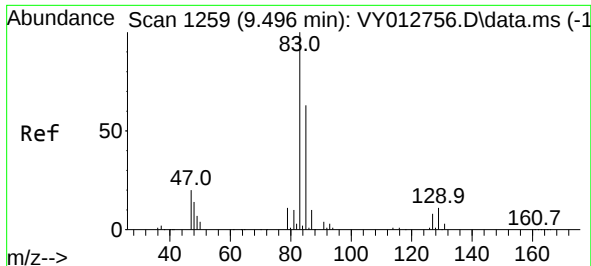
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 101.6 81.3 121.9

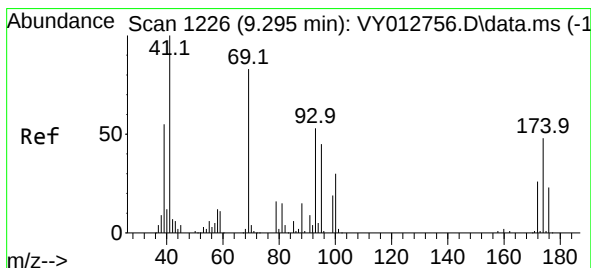
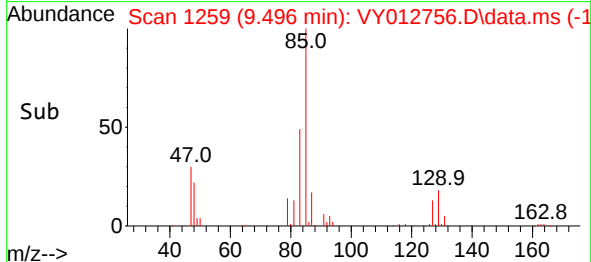
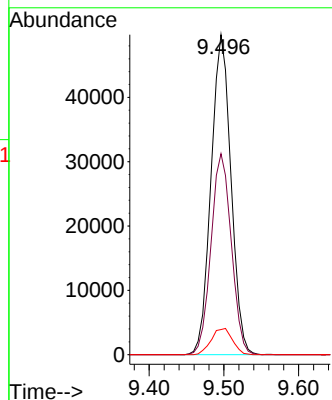
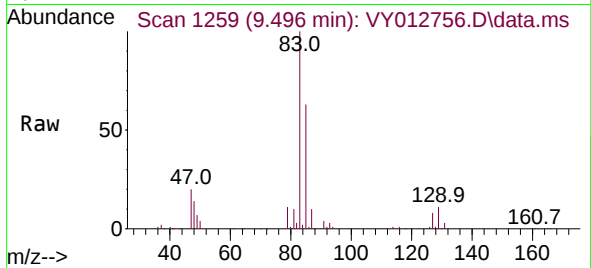




#47
Bromodichloromethane
Concen: 50.007 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

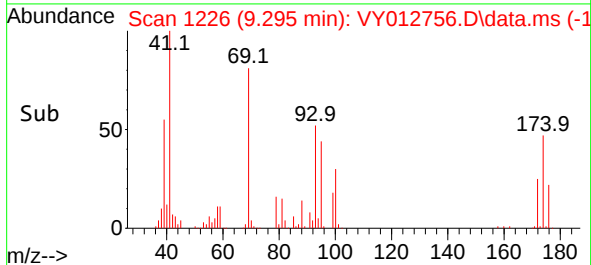
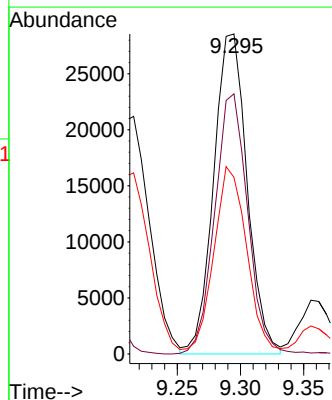
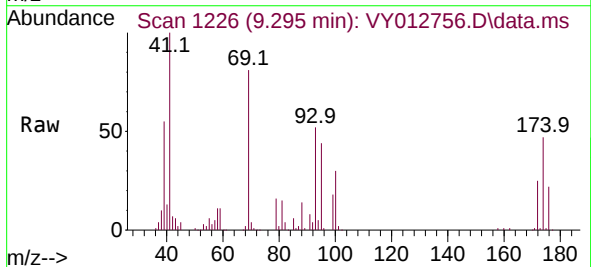
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

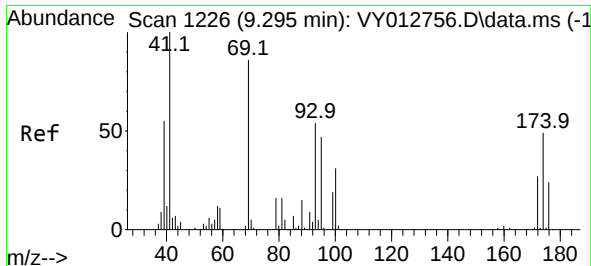
Tgt Ion: 83 Resp: 92062
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.984 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 41 Resp: 52660
Ion Ratio Lower Upper
41 100
69 80.1 64.1 96.1
39 55.0 44.0 66.0





#49

1,4-Dioxane

Concen: 1024.141 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

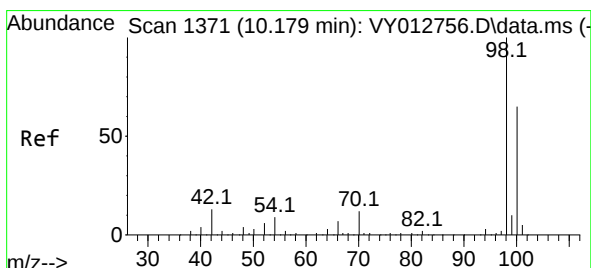
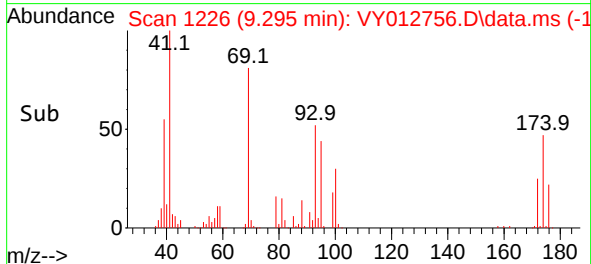
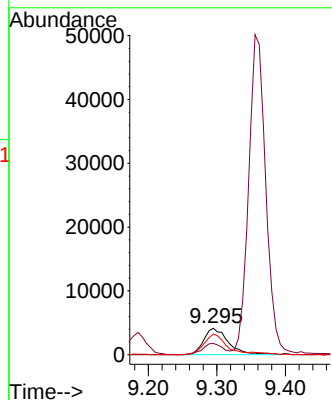
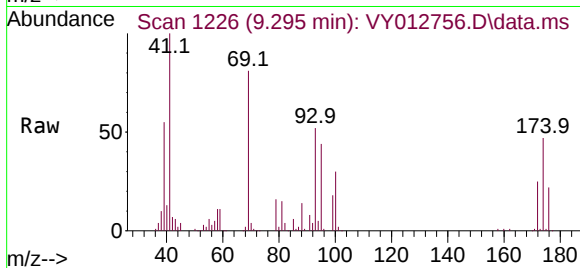
Tgt Ion: 88 Resp: 10343

Ion Ratio Lower Upper

88 100

43 35.7 28.6 42.8

58 69.0 55.2 82.8



#50

Toluene-d8

Concen: 48.928 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012756.D

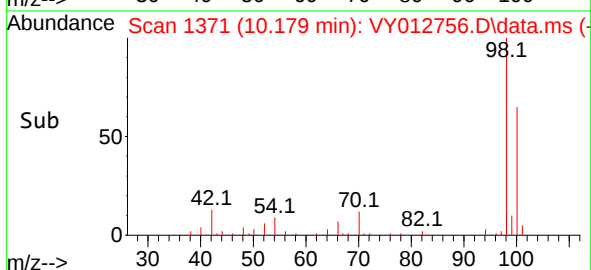
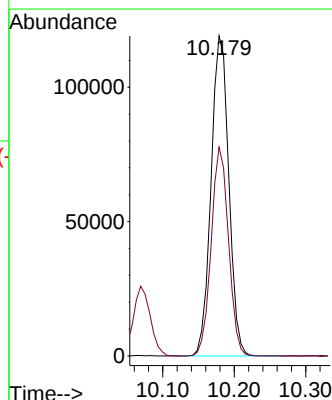
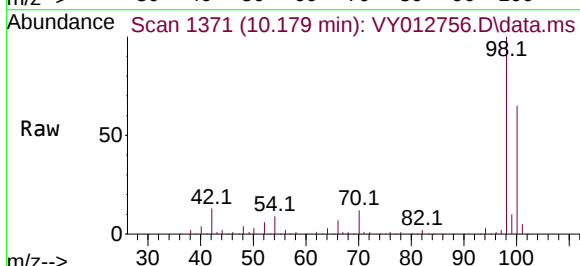
Acq: 02 Mar 2023 13:25

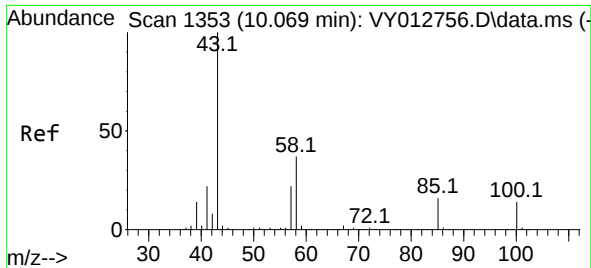
Tgt Ion: 98 Resp: 204743

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

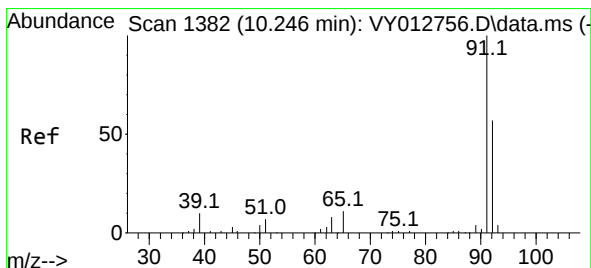
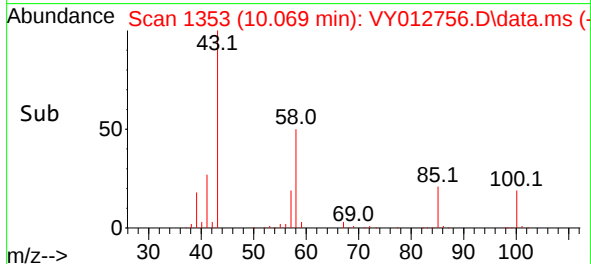
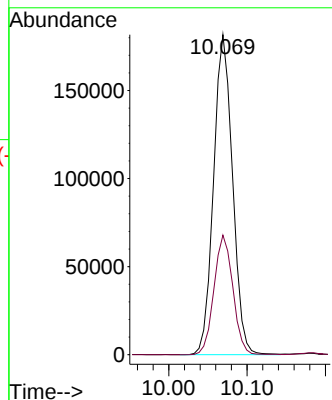
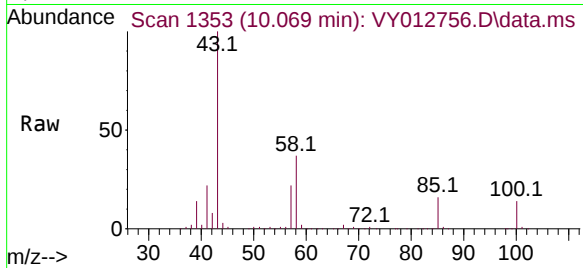




#51
4-Methyl-2-Pentanone
Concen: 261.286 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

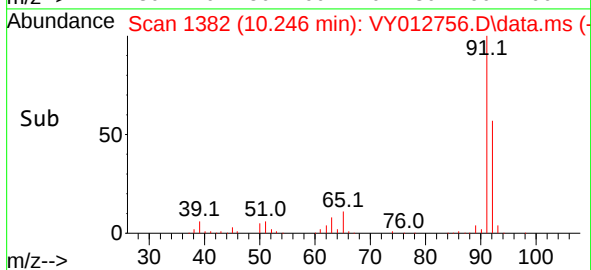
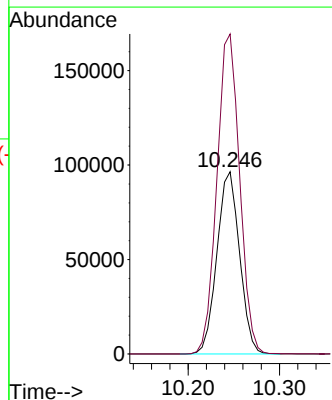
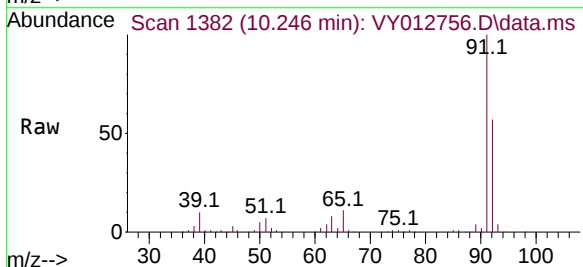
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

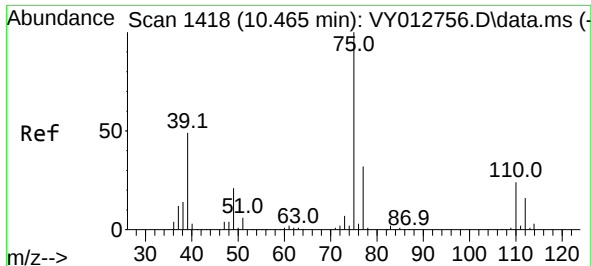
Tgt Ion: 43 Resp: 305710
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6



#52
Toluene
Concen: 50.735 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 92 Resp: 166020
Ion Ratio Lower Upper
92 100
91 176.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 50.866 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

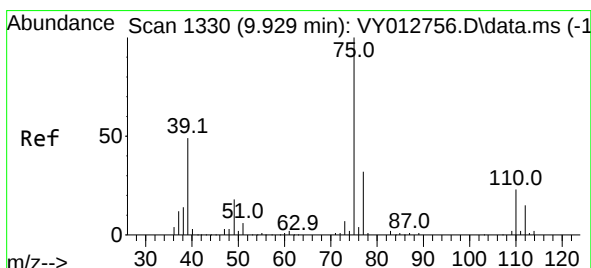
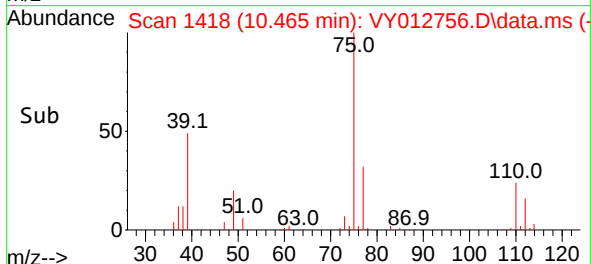
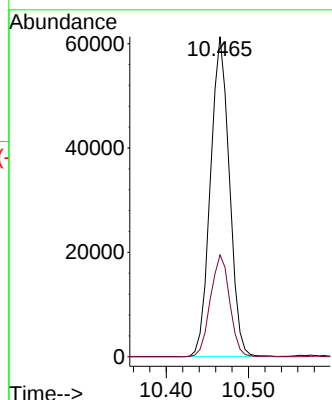
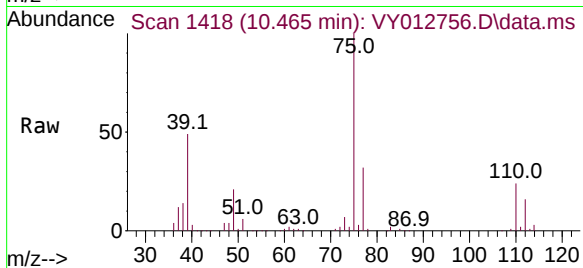
VSTDICCC050

Tgt Ion: 75 Resp: 98222

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.863 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

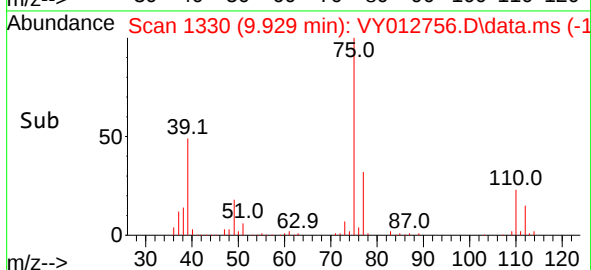
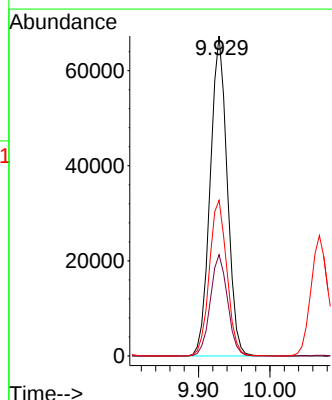
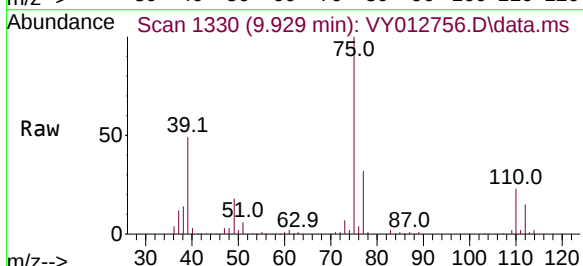
Tgt Ion: 75 Resp: 111167

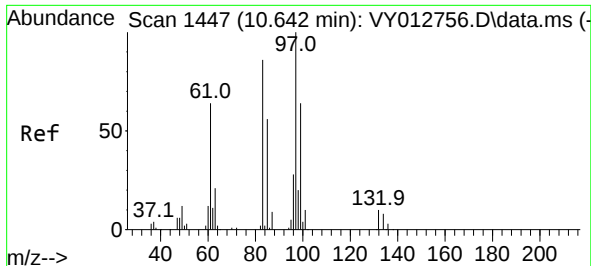
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 48.7 39.0 58.4

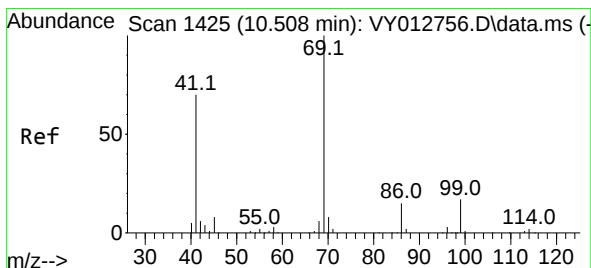
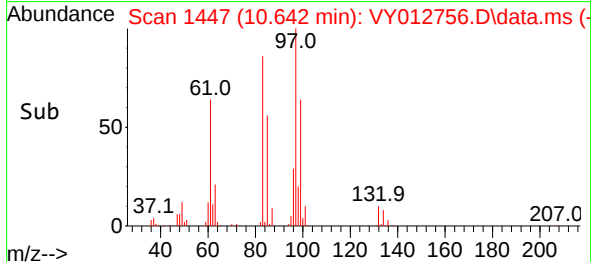
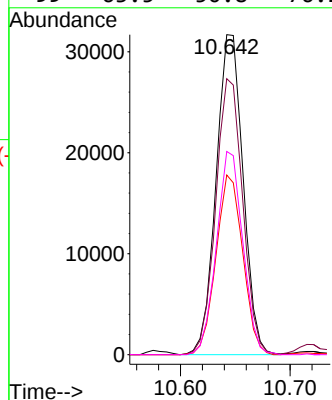
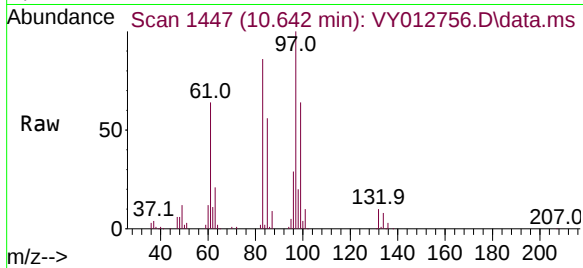




#55
1,1,2-Trichloroethane
Concen: 49.857 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

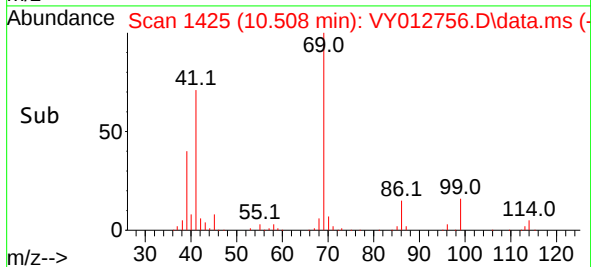
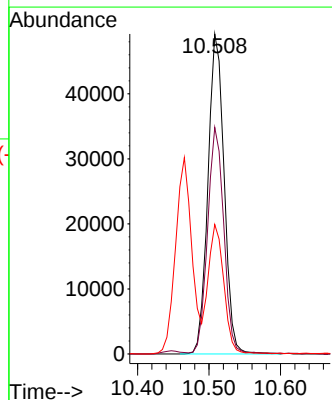
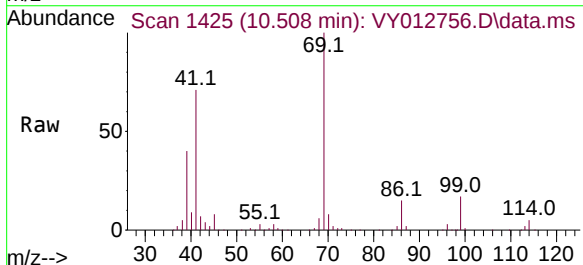
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

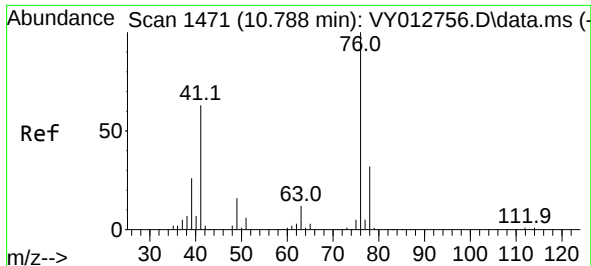
Tgt Ion:	97	Resp:	54243
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	56.1	44.9	67.3
99	63.5	50.8	76.2



#56
Ethyl methacrylate
Concen: 53.316 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:	69	Resp:	77344
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.4	84.6
39	38.5	30.8	46.2





#57

1,3-Dichloropropane

Concen: 50.652 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

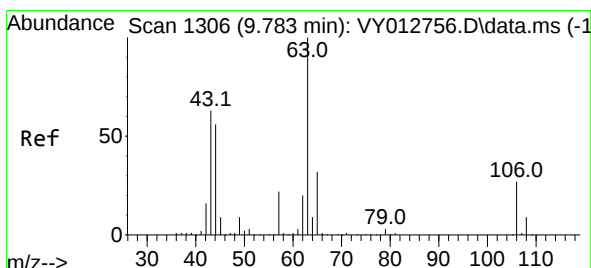
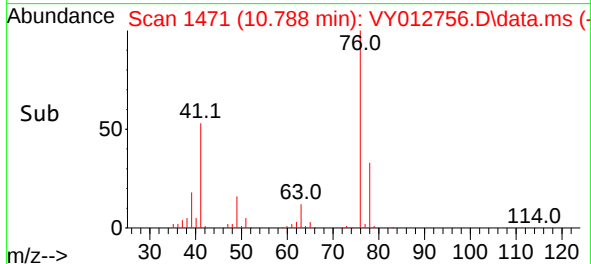
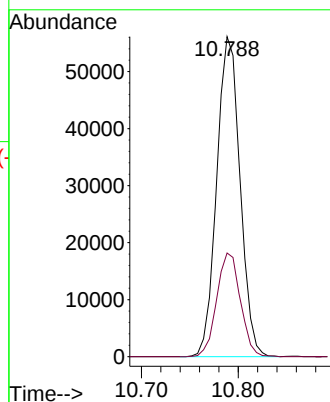
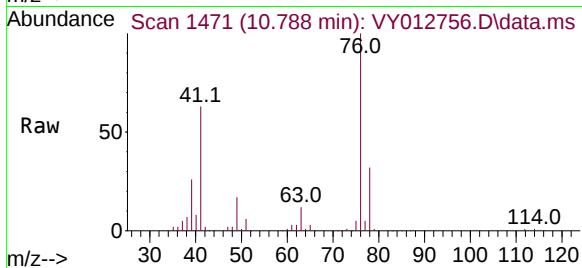
VSTDICCC050

Tgt Ion: 76 Resp: 93862

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.051 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012756.D

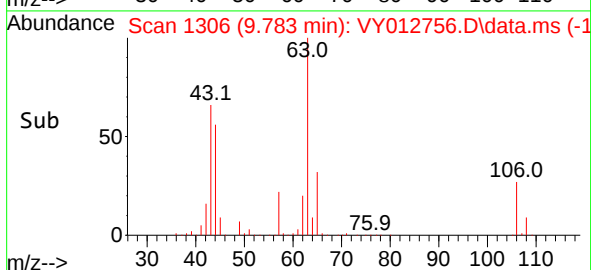
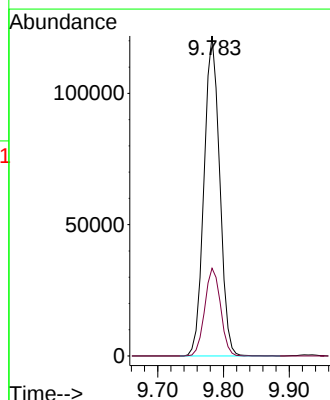
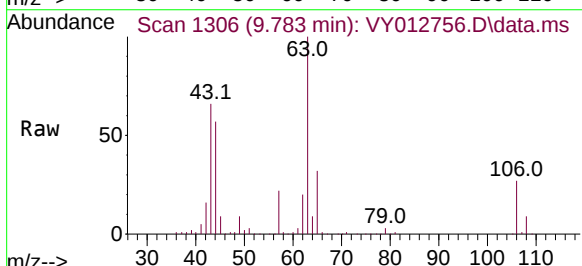
Acq: 02 Mar 2023 13:25

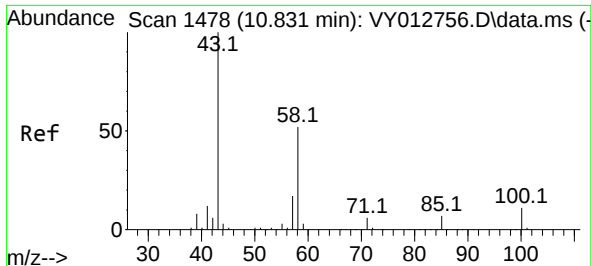
Tgt Ion: 63 Resp: 201849

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





#59

2-Hexanone

Concen: 267.390 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

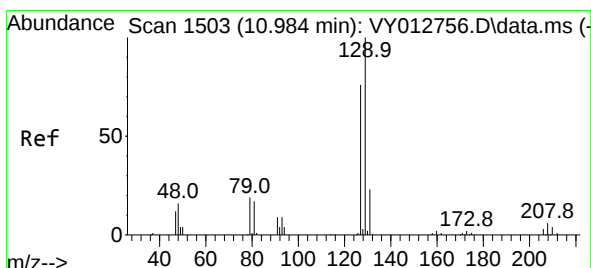
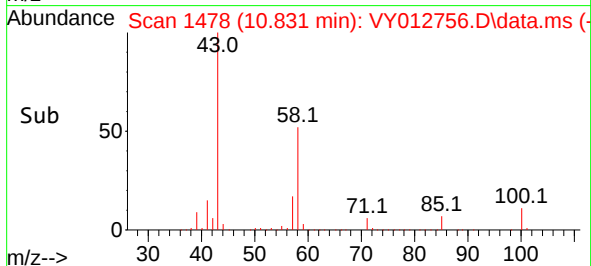
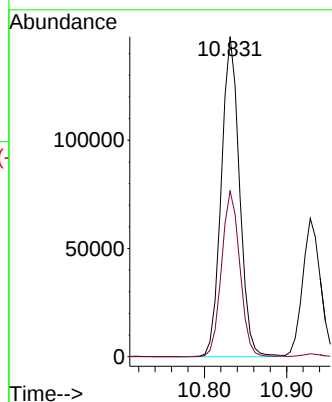
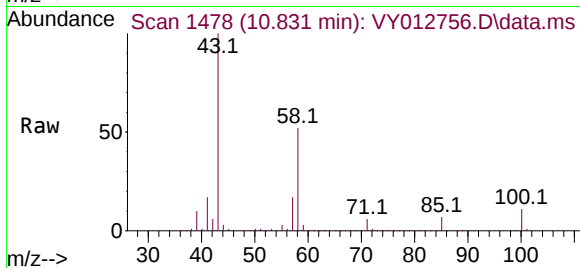
VSTDICCC050

Tgt Ion: 43 Resp: 227375

Ion Ratio Lower Upper

43 100

58 51.9 25.9 77.8



#60

Dibromochloromethane

Concen: 50.061 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012756.D

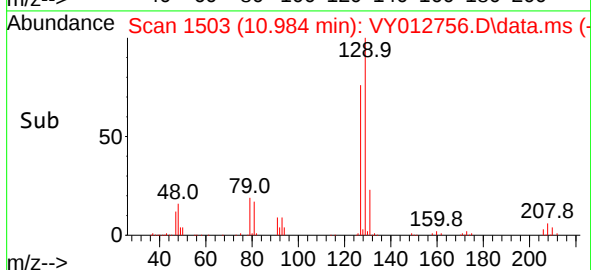
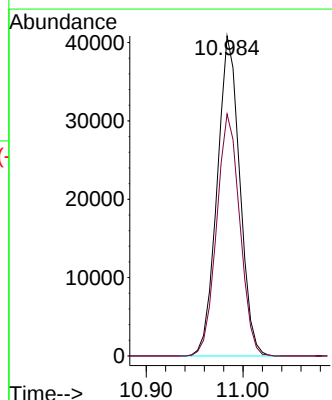
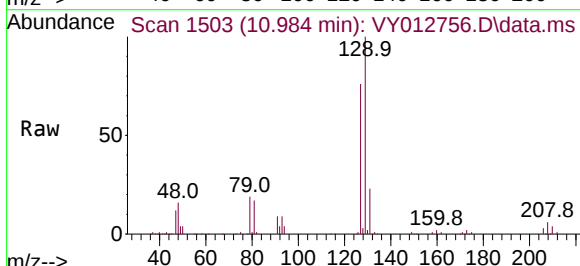
Acq: 02 Mar 2023 13:25

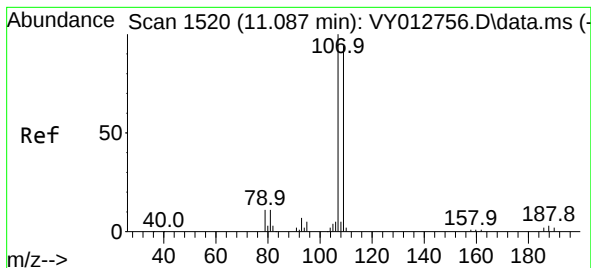
Tgt Ion: 129 Resp: 66299

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.249 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

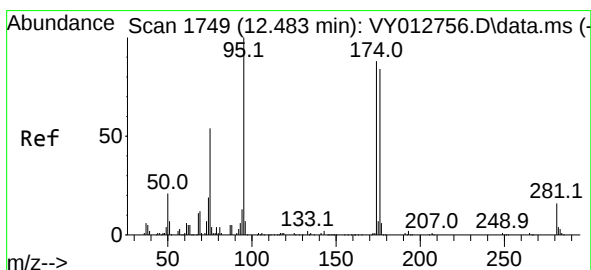
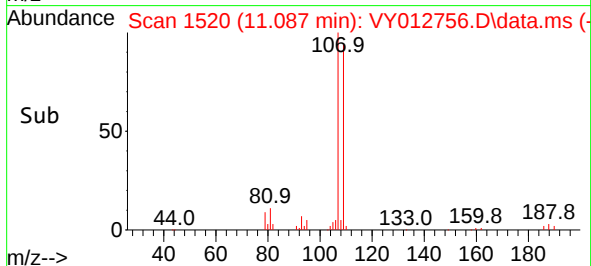
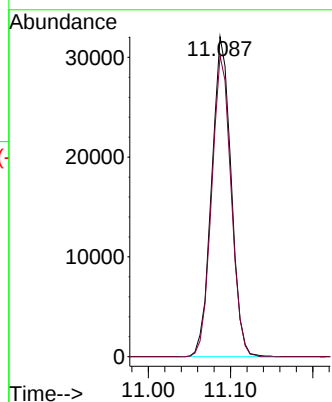
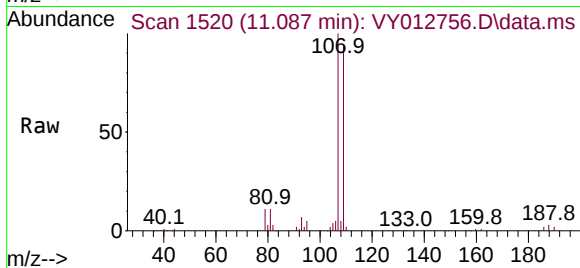
VSTDICCC050

Tgt Ion:107 Resp: 52662

Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.292 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

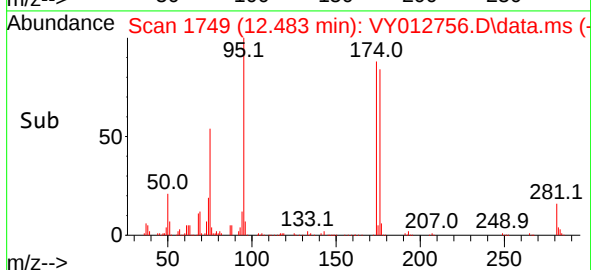
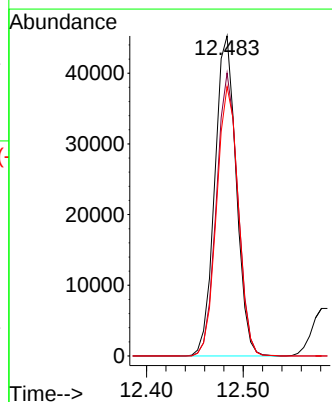
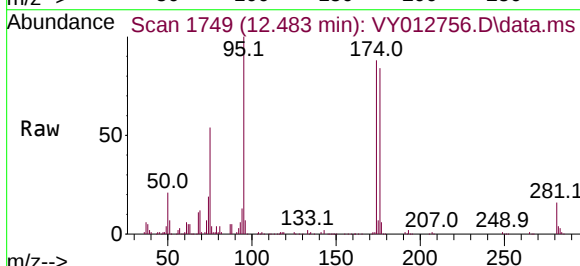
Tgt Ion: 95 Resp: 69620

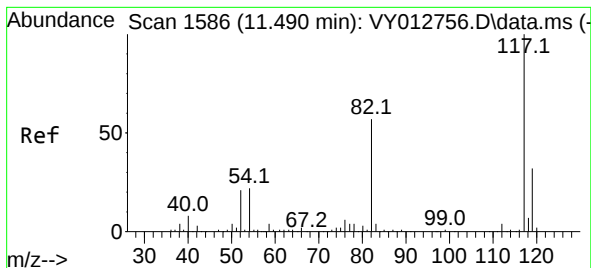
Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.6

176 85.1 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: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

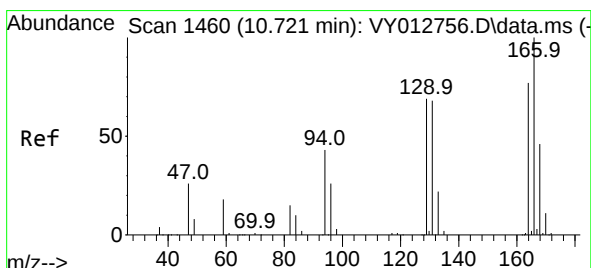
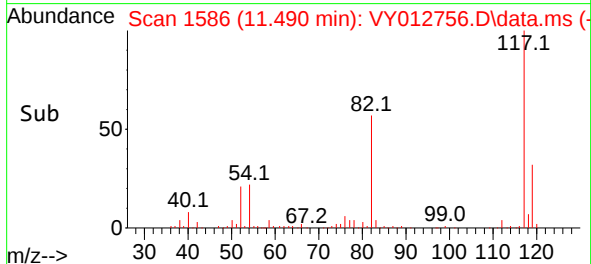
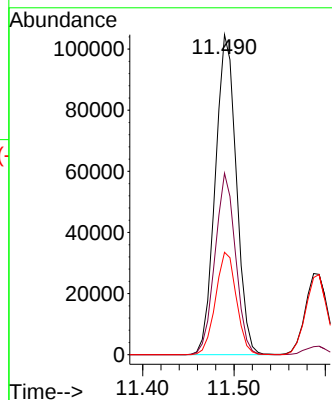
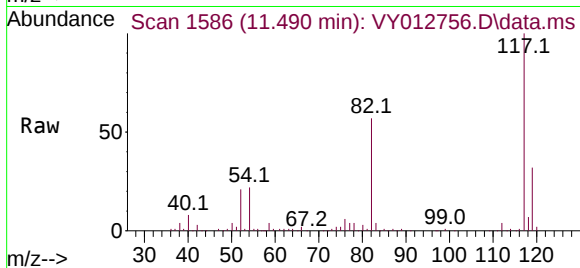
Tgt Ion:117 Resp: 167785

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 50.027 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Tgt Ion:164 Resp: 61113

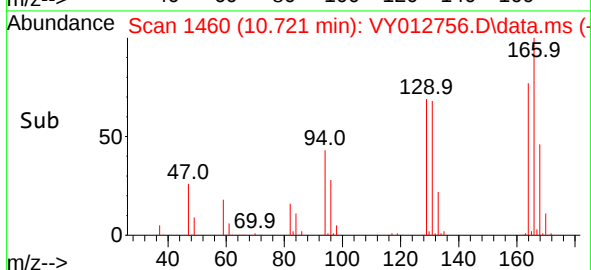
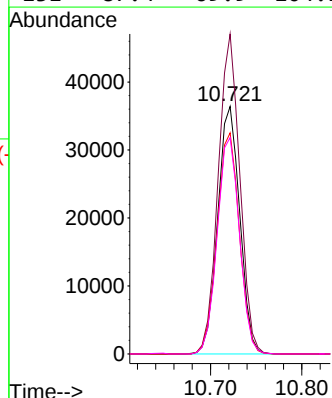
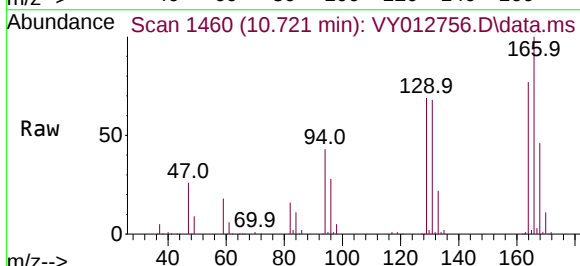
Ion Ratio Lower Upper

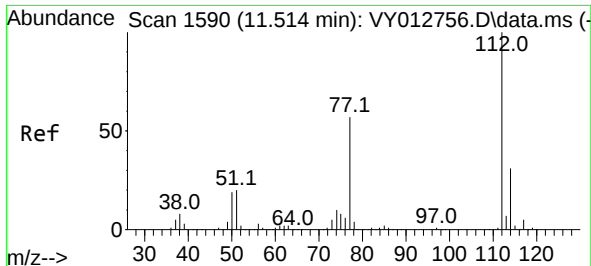
164 100

166 129.3 103.4 155.2

129 89.3 71.4 107.2

131 87.4 69.9 104.9

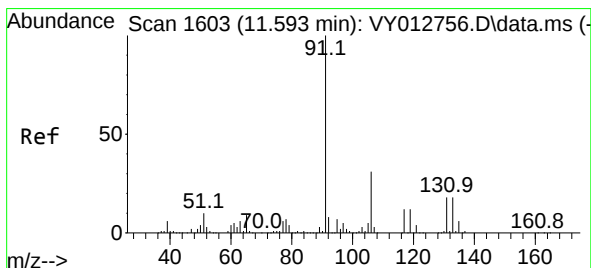
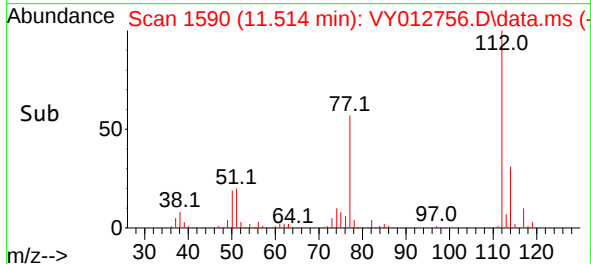
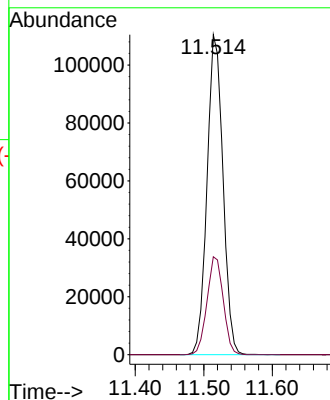
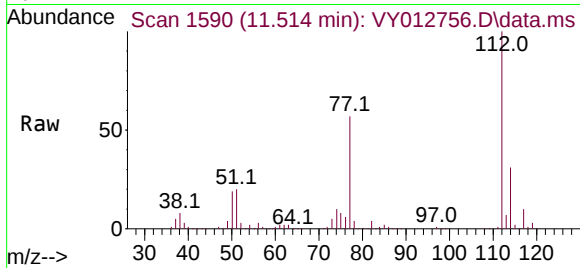




#65
Chlorobenzene
Concen: 50.615 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

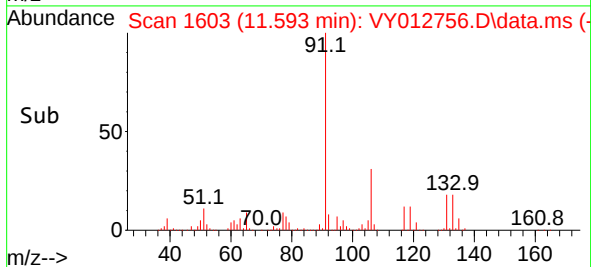
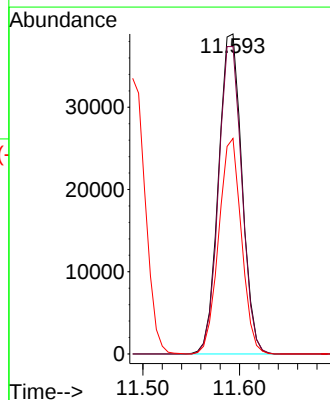
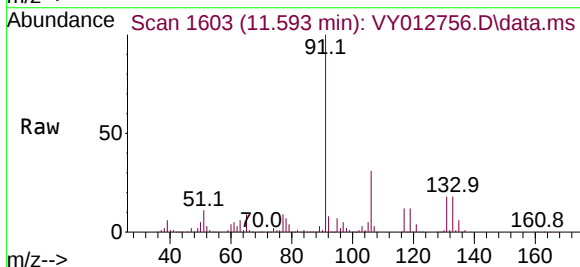
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

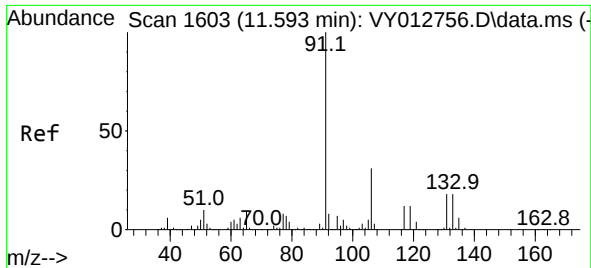
Tgt Ion:112 Resp: 178237
Ion Ratio Lower Upper
112 100
114 30.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.264 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:131 Resp: 65495
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 65.3 32.6 98.0

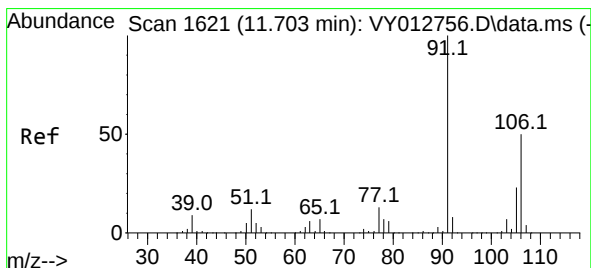
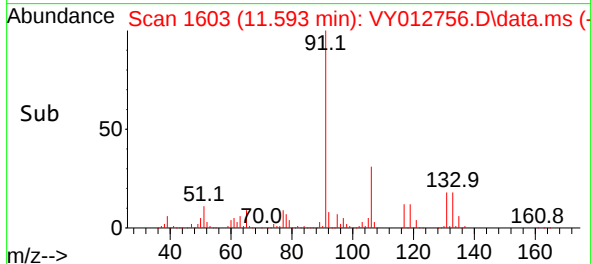
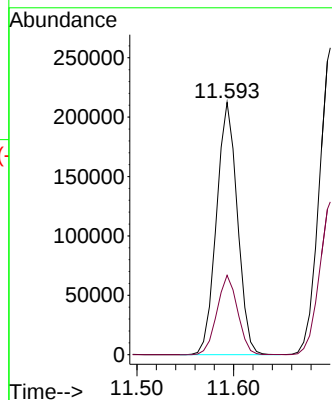
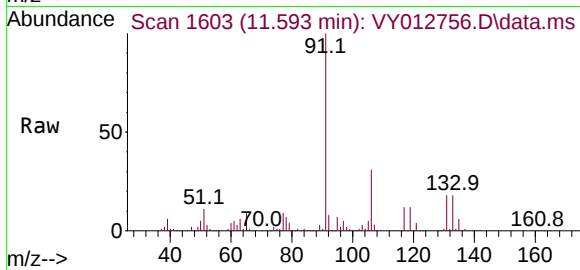




#67
Ethyl Benzene
Concen: 51.427 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

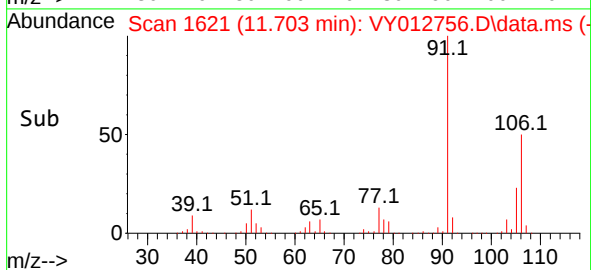
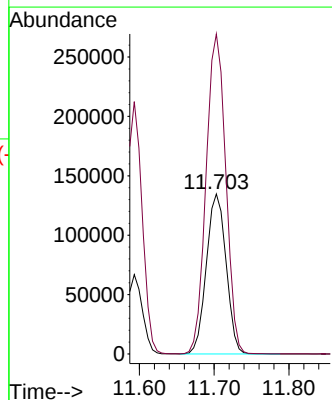
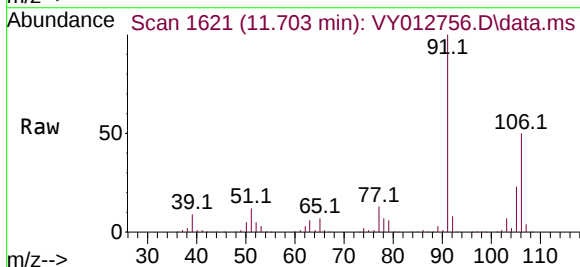
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

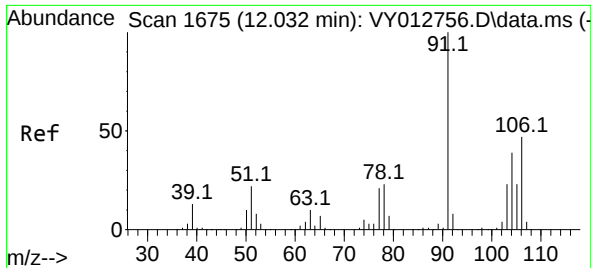
Tgt Ion: 91 Resp: 318395
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 103.520 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:106 Resp: 246555
Ion Ratio Lower Upper
106 100
91 199.8 159.8 239.8

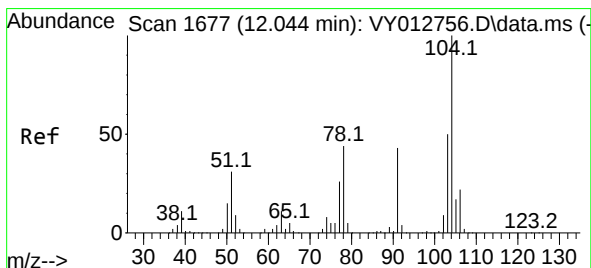
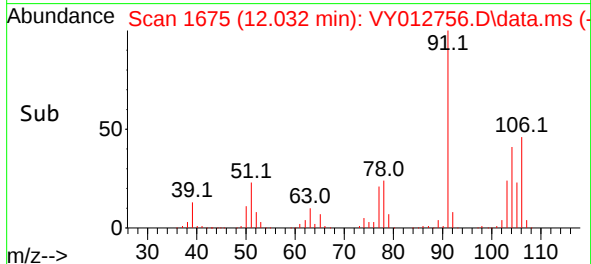
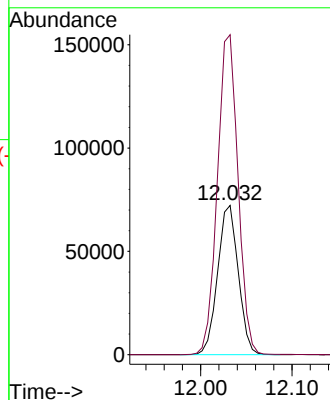
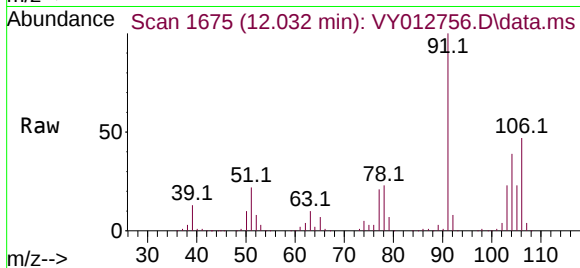




#69
o-Xylene
Concen: 51.092 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

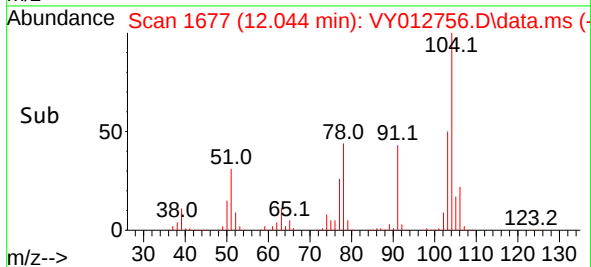
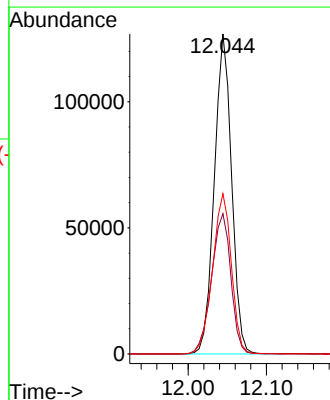
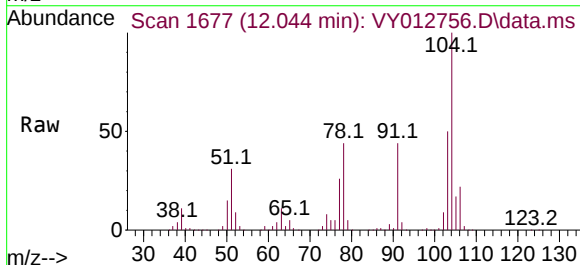
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

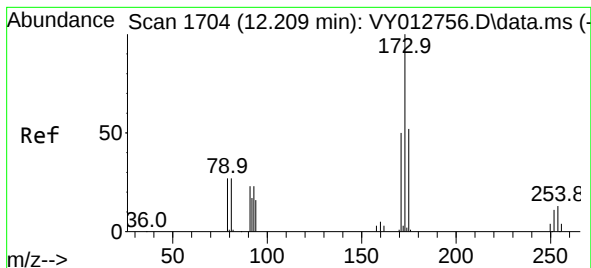
Tgt Ion:106 Resp: 113569
Ion Ratio Lower Upper
106 100
91 214.4 107.2 321.6



#70
Styrene
Concen: 52.439 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:104 Resp: 194517
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.6 43.7 65.5





#71

Bromoform

Concen: 50.199 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

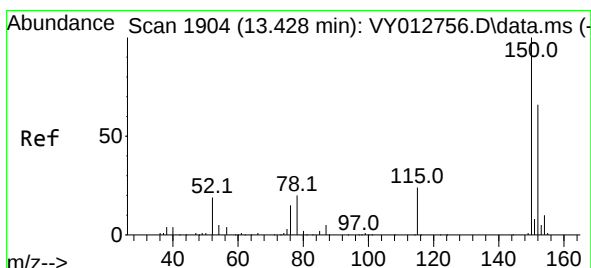
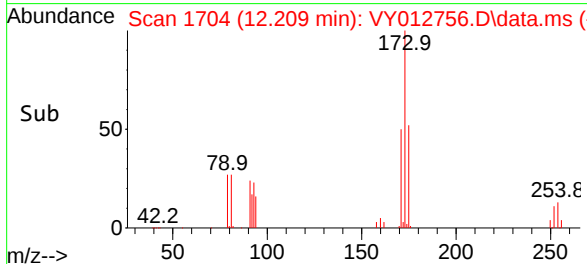
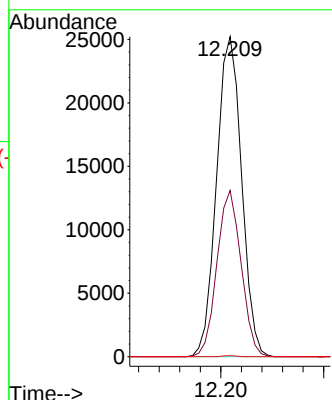
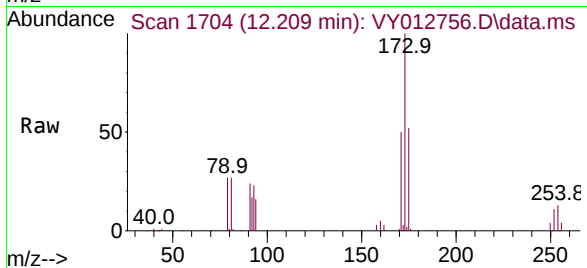
Tgt Ion:173 Resp: 42648

Ion Ratio Lower Upper

173 100

175 50.0 25.0 75.0

254 0.2 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: VY012756.D

Acq: 02 Mar 2023 13:25

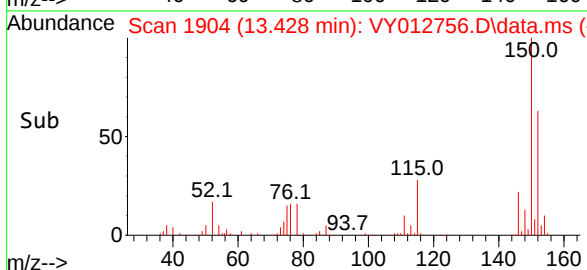
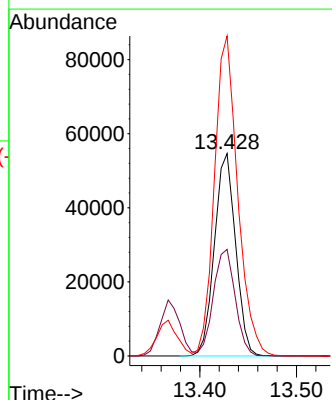
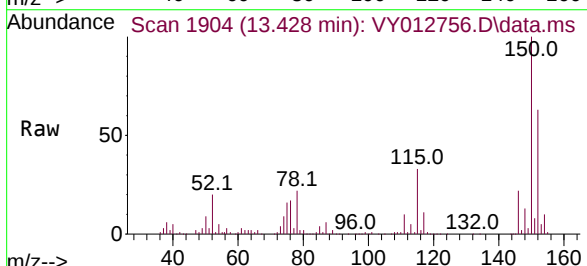
Tgt Ion:152 Resp: 83079

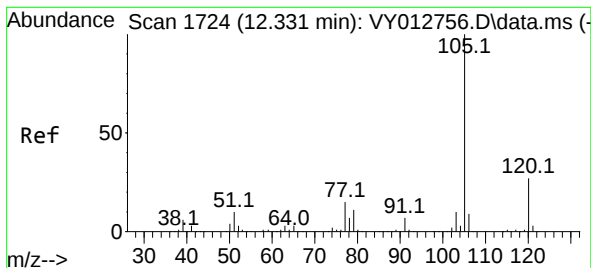
Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.3

150 173.9 0.0 347.8





#73

Isopropylbenzene

Concen: 51.829 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

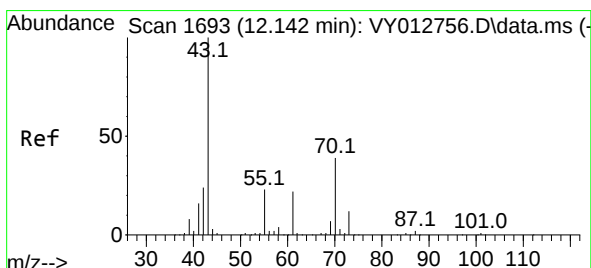
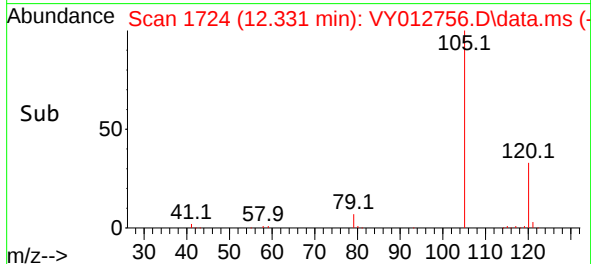
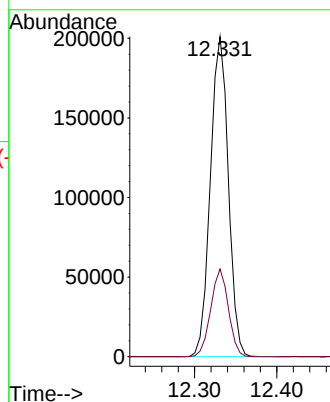
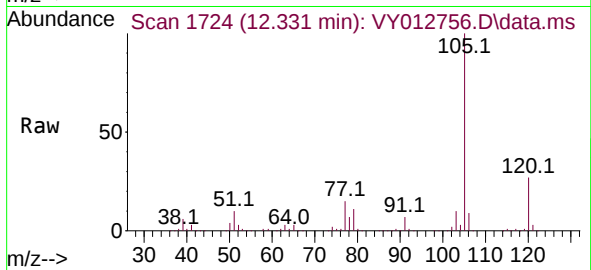
VSTDICCC050

Tgt Ion:105 Resp: 305161

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.626 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Tgt Ion: 43 Resp: 97492

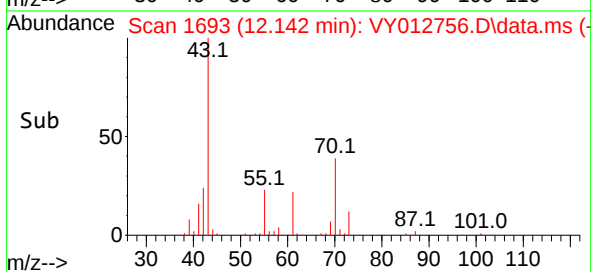
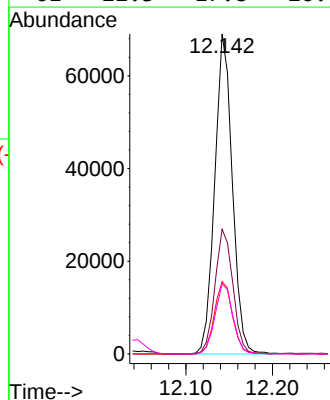
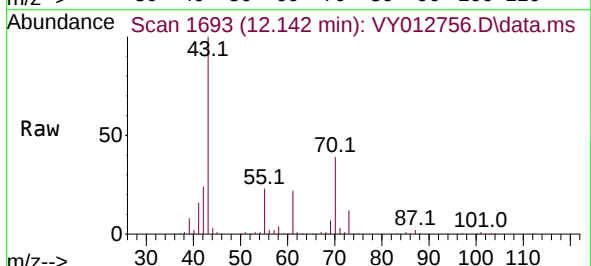
Ion Ratio Lower Upper

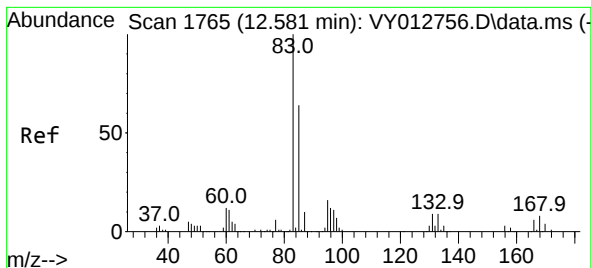
43 100

70 39.5 31.6 47.4

55 23.5 18.8 28.2

61 22.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.629 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

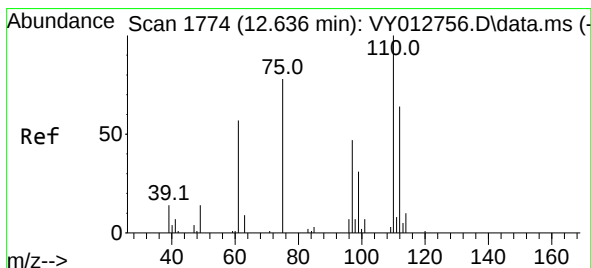
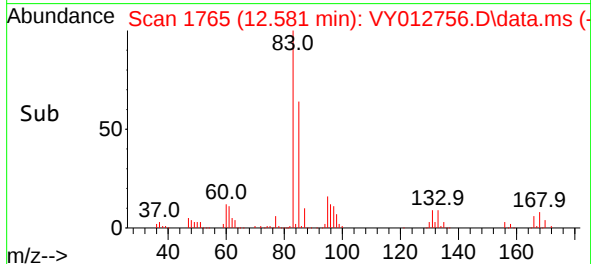
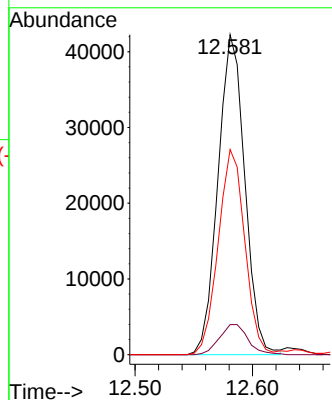
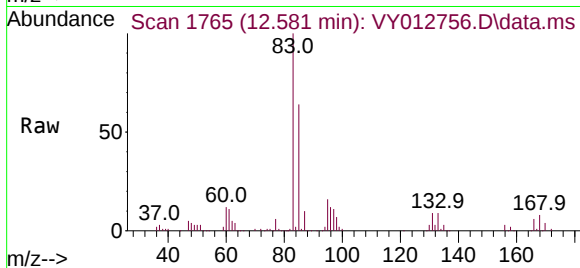
Tgt Ion: 83 Resp: 67010

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 63.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 88.329 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012756.D

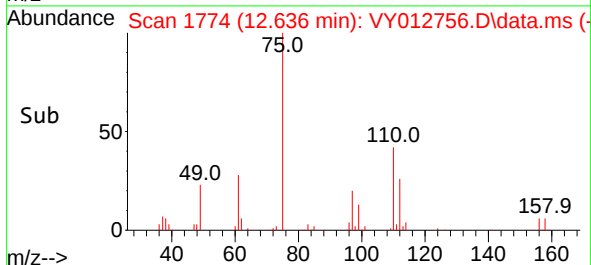
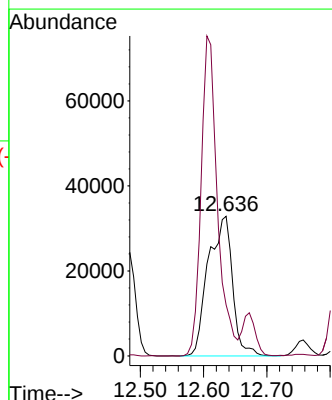
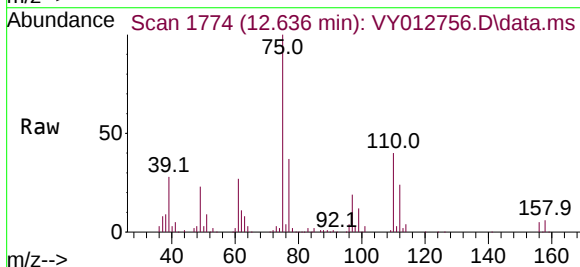
Acq: 02 Mar 2023 13:25

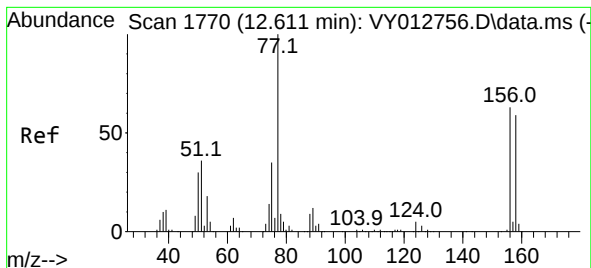
Tgt Ion: 75 Resp: 87631

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.648 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

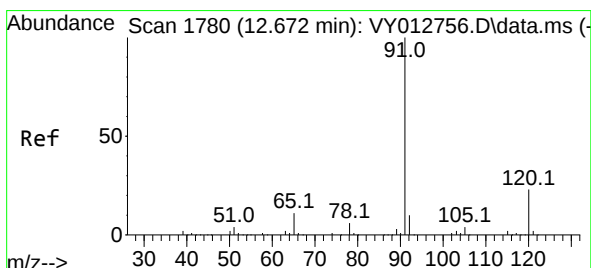
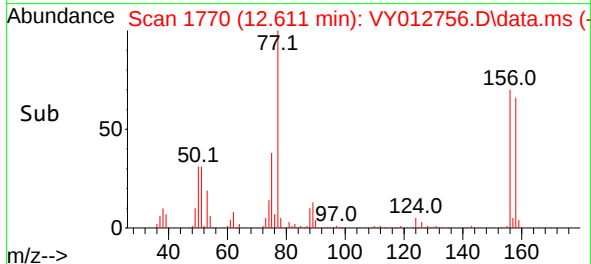
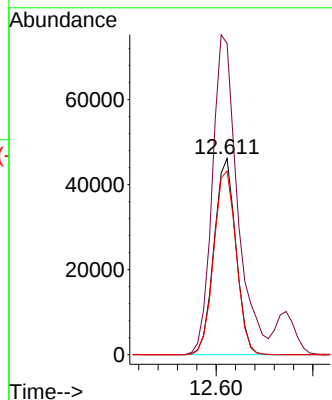
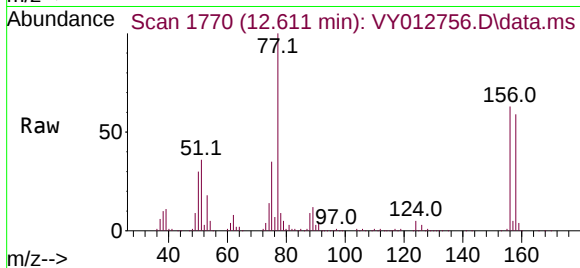
Tgt Ion:156 Resp: 72444

Ion Ratio Lower Upper

156 100

77 188.1 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 52.007 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012756.D

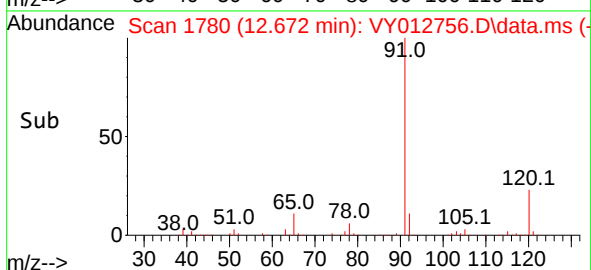
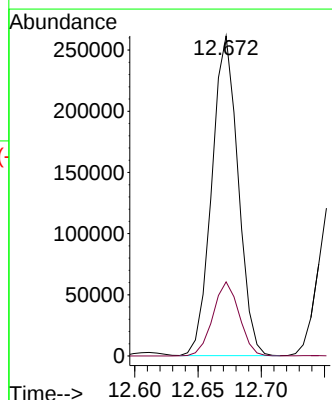
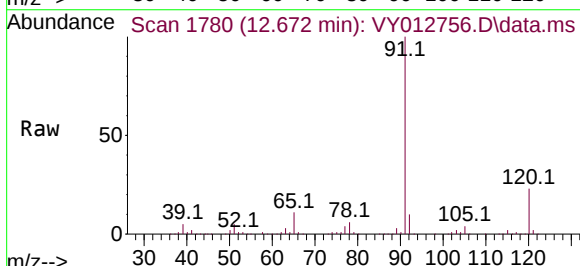
Acq: 02 Mar 2023 13:25

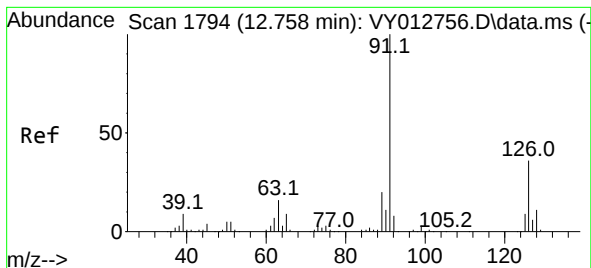
Tgt Ion: 91 Resp: 377526

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.474 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

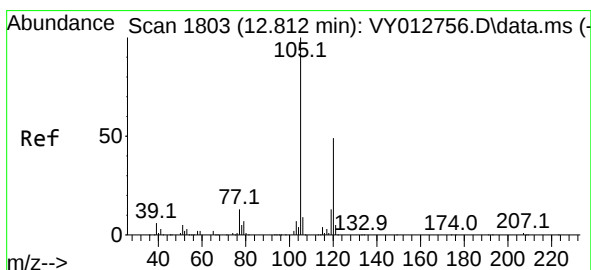
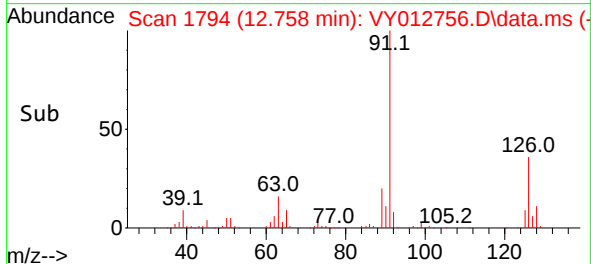
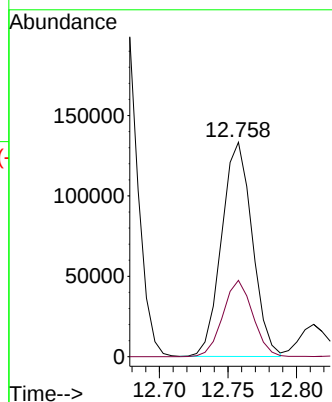
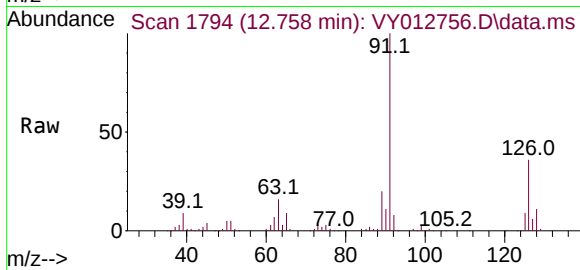
VSTDICCC050

Tgt Ion: 91 Resp: 207670

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.454 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012756.D

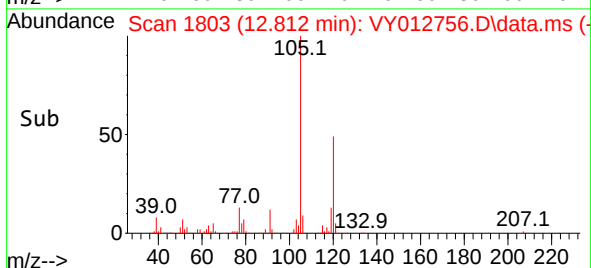
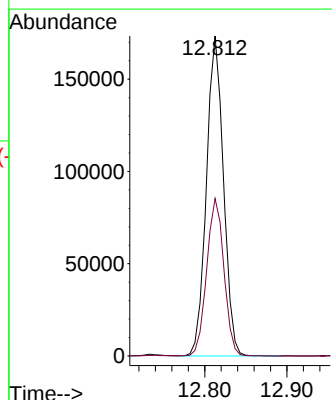
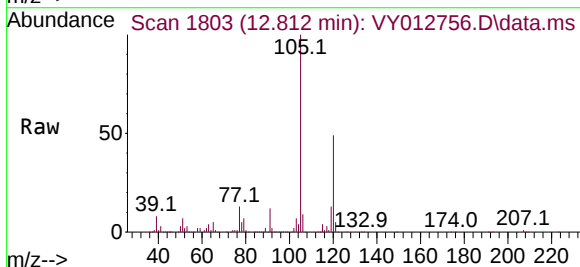
Acq: 02 Mar 2023 13:25

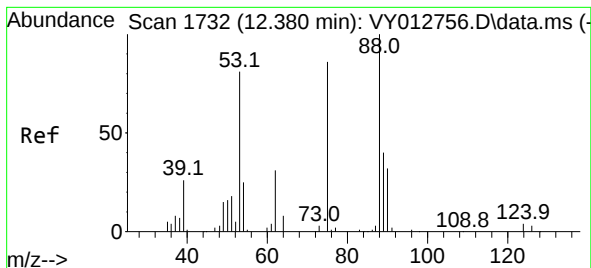
Tgt Ion: 105 Resp: 250018

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4

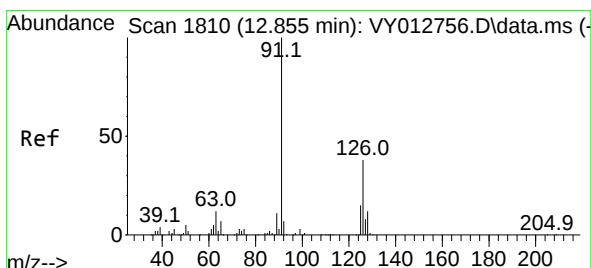
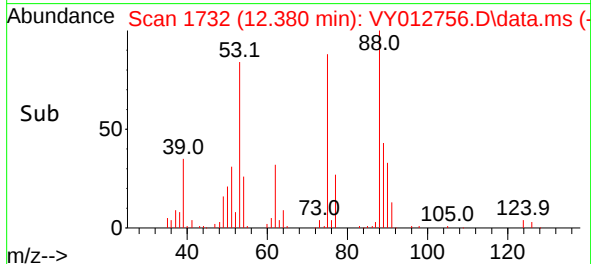
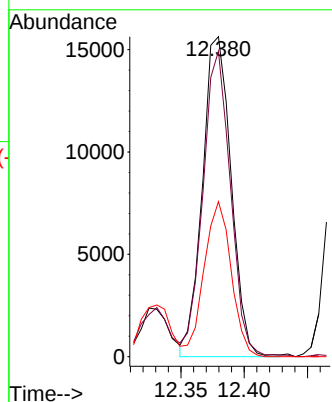
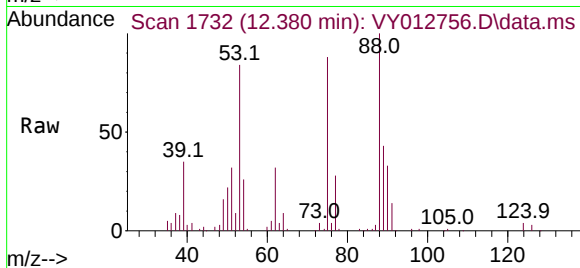




#81
trans-1,4-Dichloro-2-butene
Concen: 51.683 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

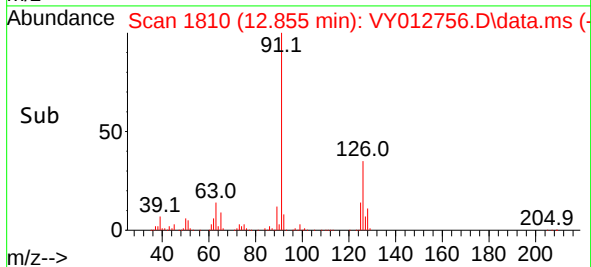
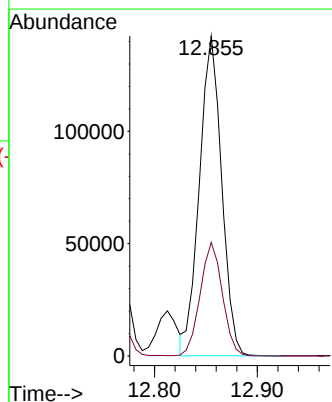
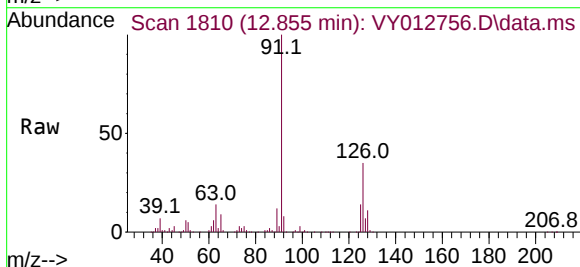
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

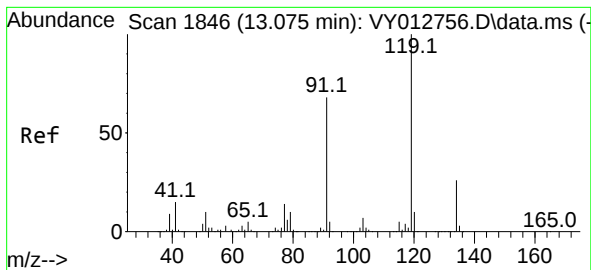
Tgt Ion: 75 Resp: 24746
Ion Ratio Lower Upper
75 100
53 91.7 73.4 110.0
89 45.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.290 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion: 91 Resp: 214203
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1

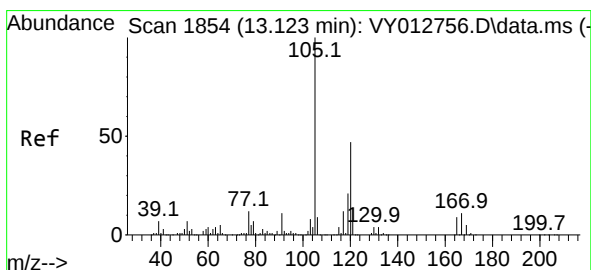
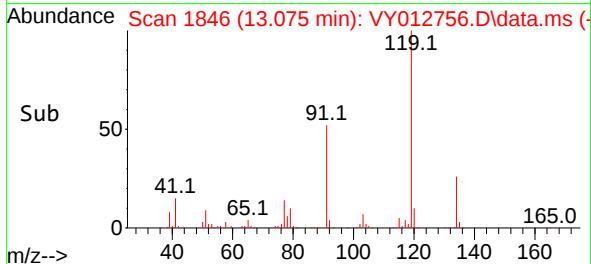
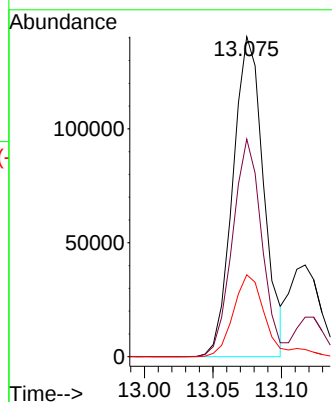
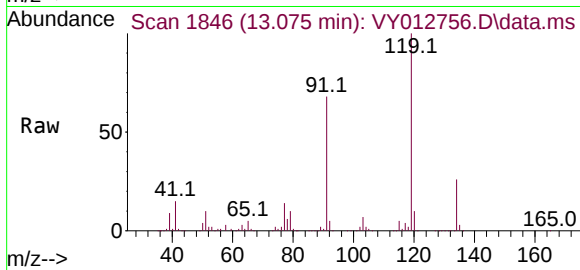




#83
tert-Butylbenzene
Concen: 52.468 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

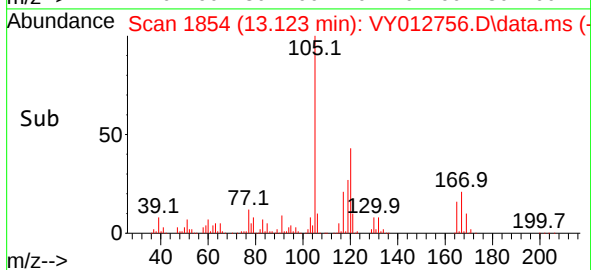
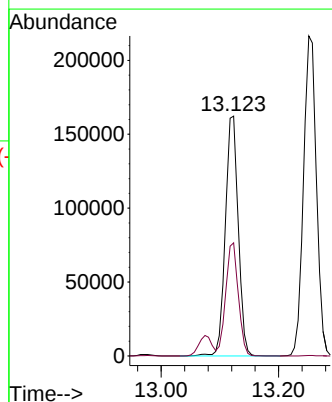
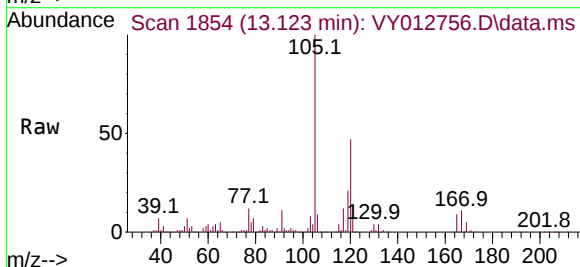
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

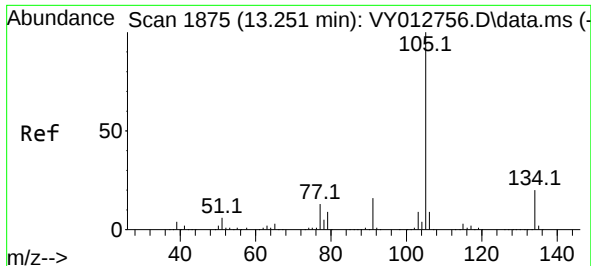
Tgt Ion:119 Resp: 220046
Ion Ratio Lower Upper
119 100
91 65.5 32.8 98.3
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.155 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012756.D
Acq: 02 Mar 2023 13:25

Tgt Ion:105 Resp: 247808
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0

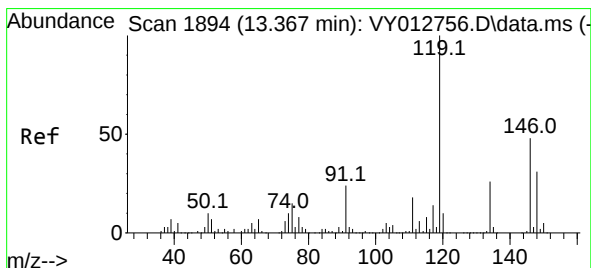
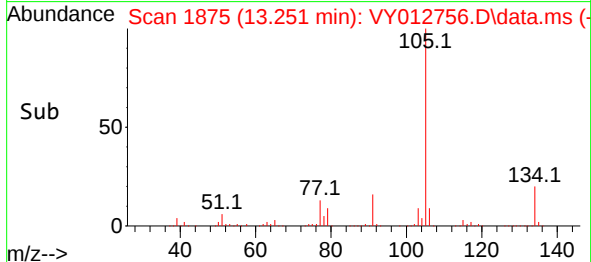
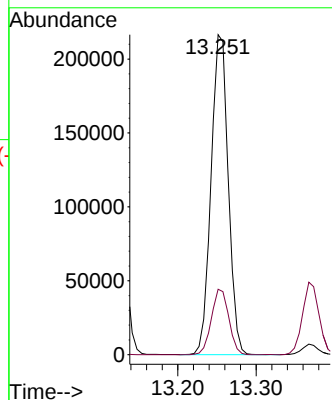
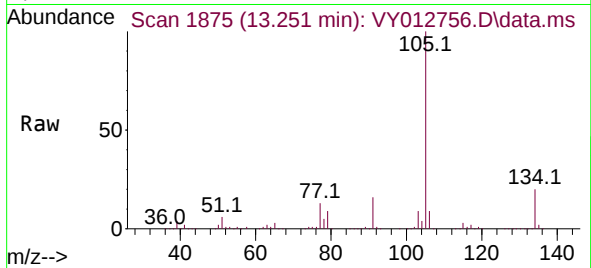




#85
 sec-Butylbenzene
 Concen: 51.497 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

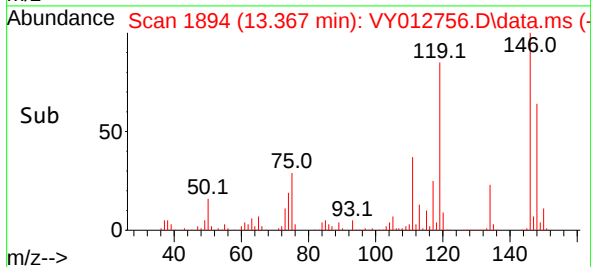
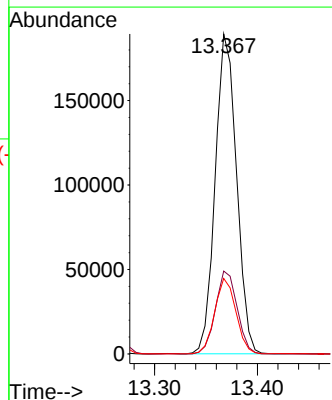
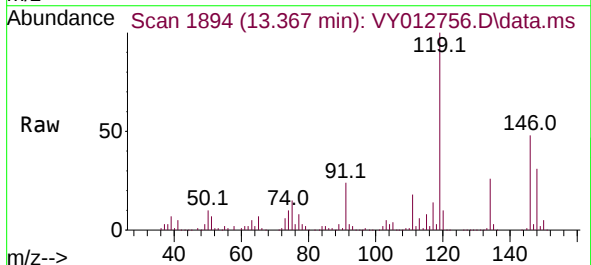
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

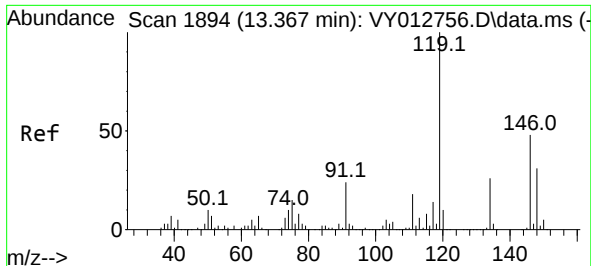
Tgt Ion:105 Resp: 329485
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.044 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012756.D
 Acq: 02 Mar 2023 13:25

Tgt Ion:119 Resp: 272143
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.767 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

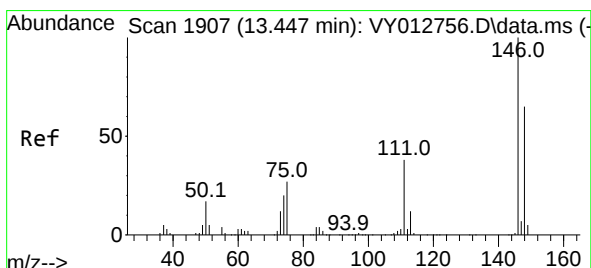
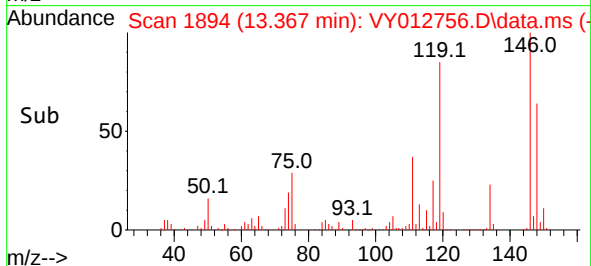
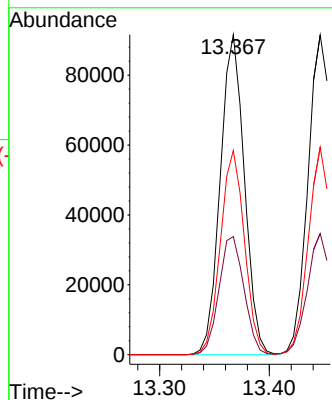
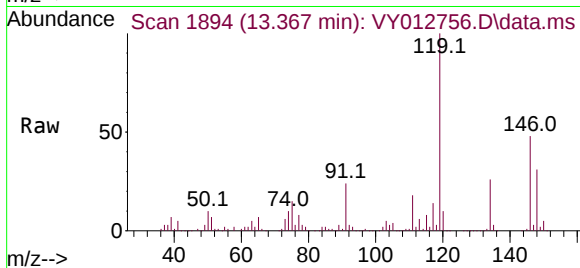
Tgt Ion:146 Resp: 140051

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.427 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

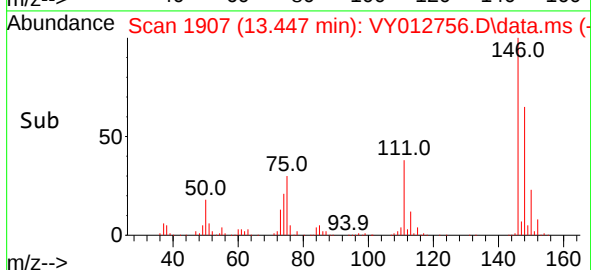
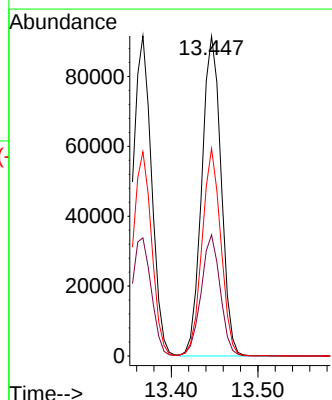
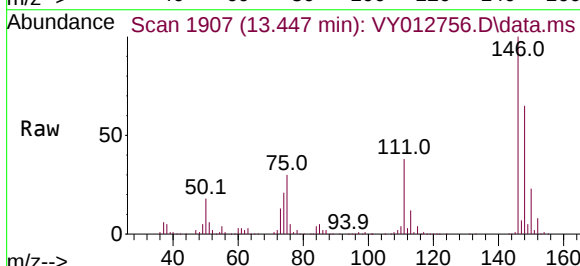
Tgt Ion:146 Resp: 141979

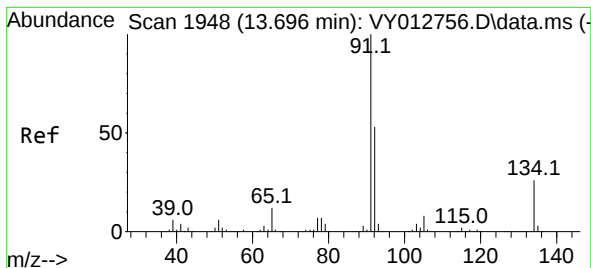
Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 51.939 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

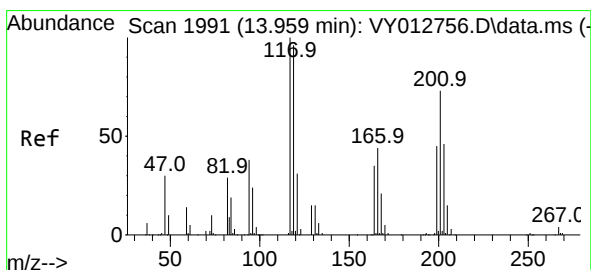
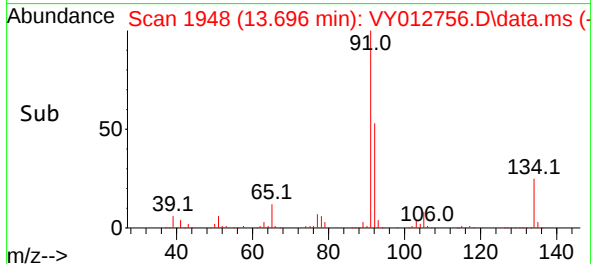
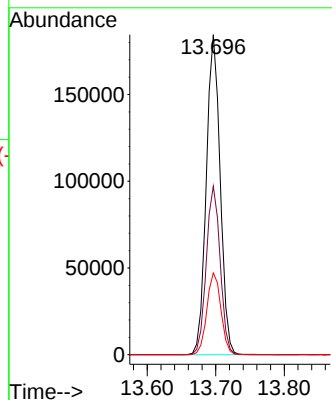
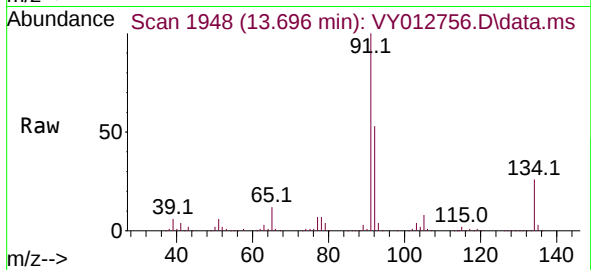
Tgt Ion: 91 Resp: 260002

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.724 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012756.D

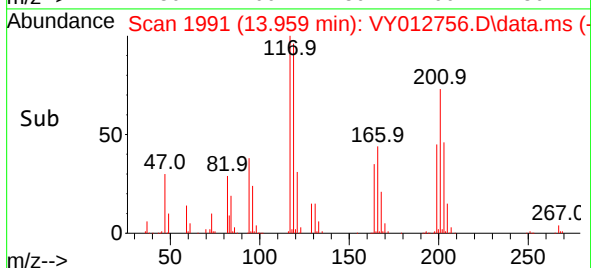
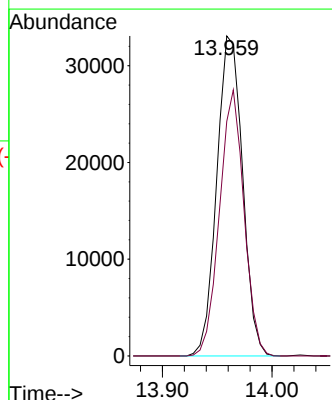
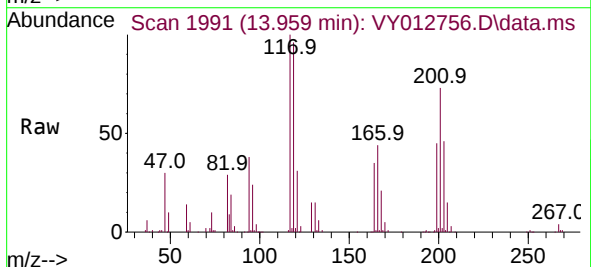
Acq: 02 Mar 2023 13:25

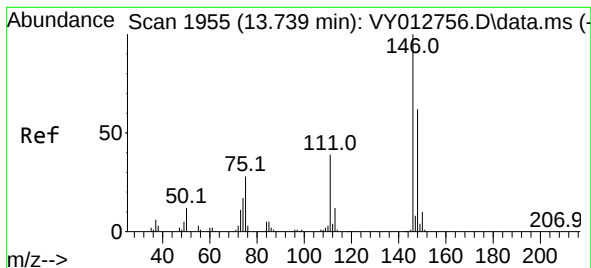
Tgt Ion: 117 Resp: 54155

Ion Ratio Lower Upper

117 100

201 78.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.015 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

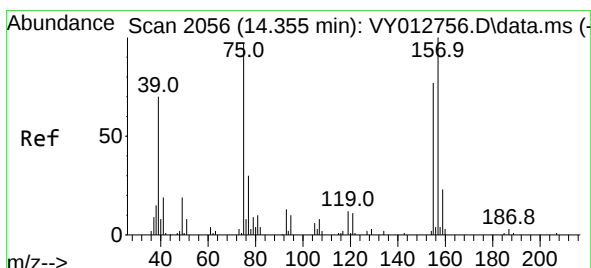
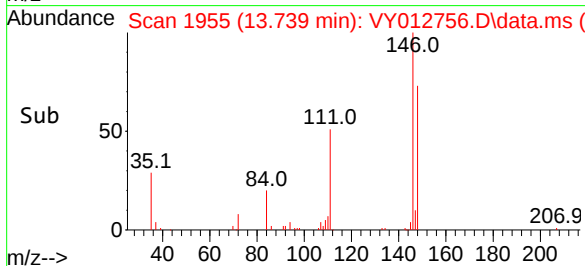
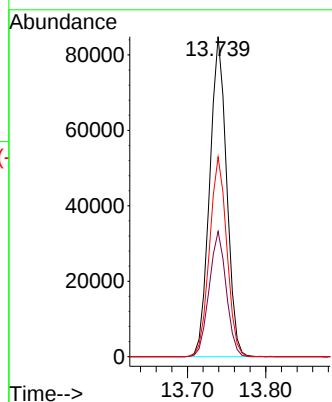
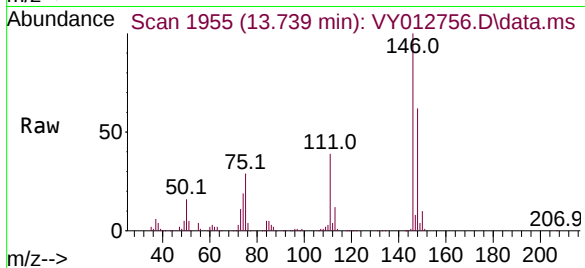
Tgt Ion:146 Resp: 127218

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.374 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

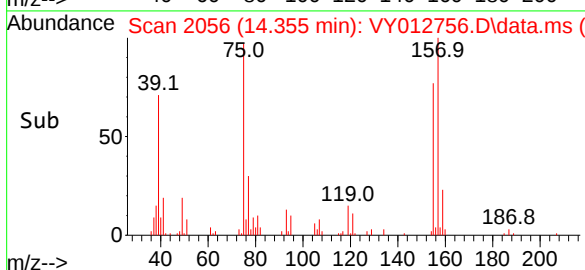
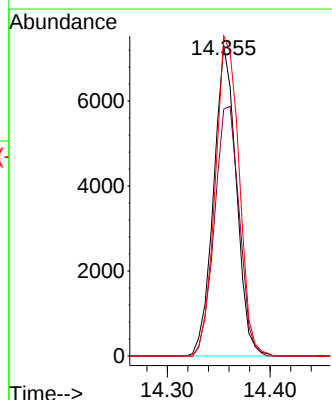
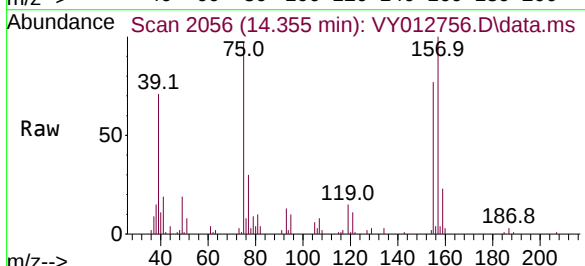
Tgt Ion: 75 Resp: 11203

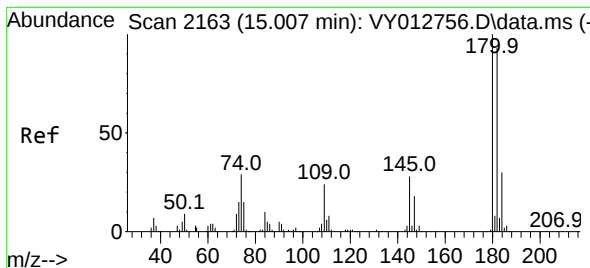
Ion Ratio Lower Upper

75 100

155 87.6 43.8 131.4

157 108.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 51.942 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

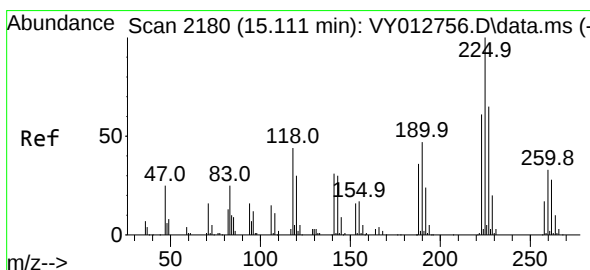
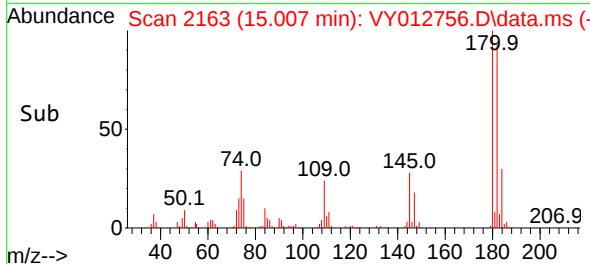
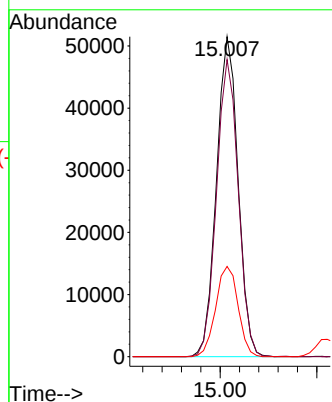
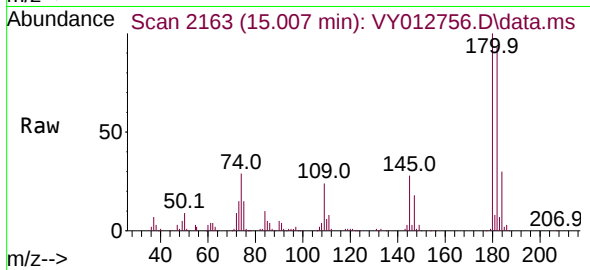
Tgt Ion:180 Resp: 79753

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.168 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

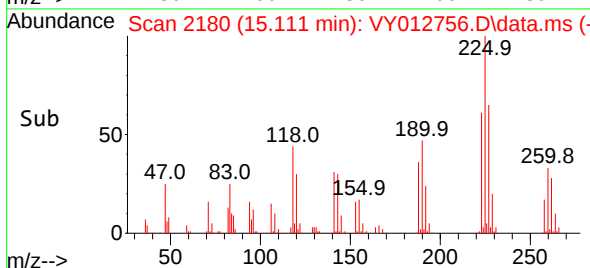
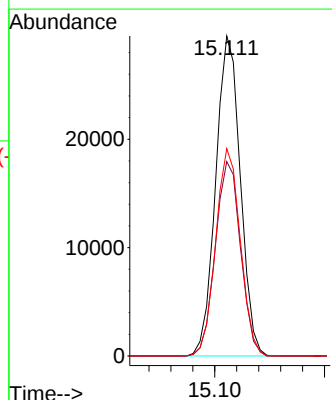
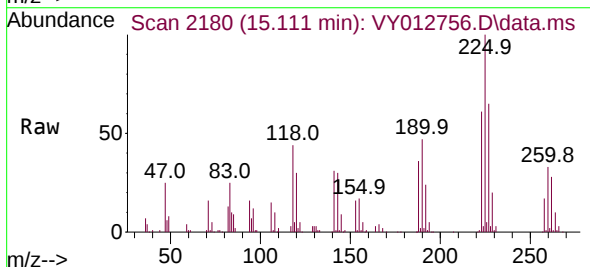
Tgt Ion:225 Resp: 46045

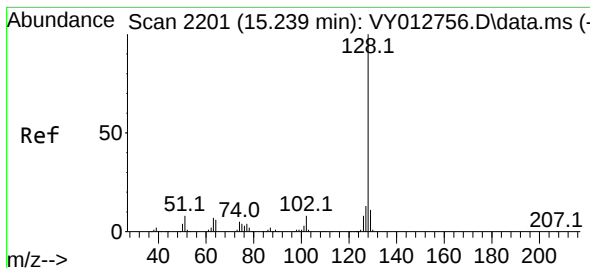
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 53.833 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

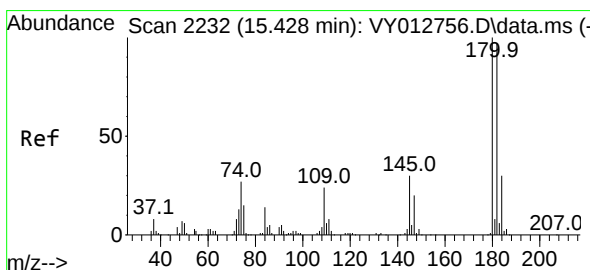
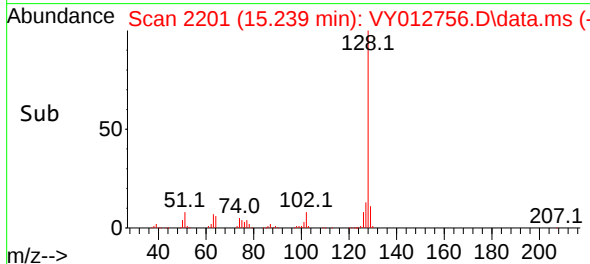
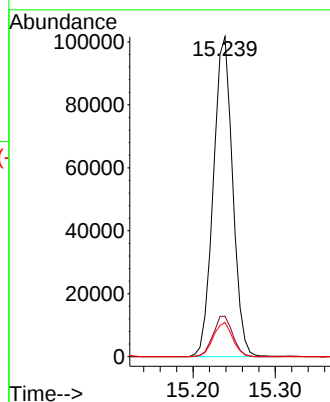
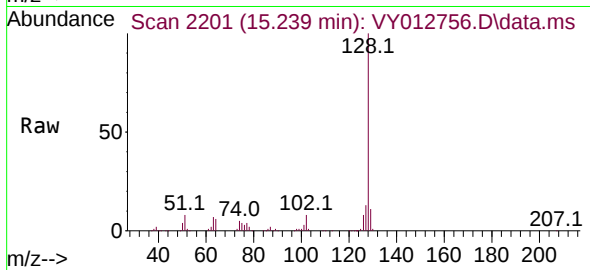
Tgt Ion:128 Resp: 165635

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.450 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012756.D

Acq: 02 Mar 2023 13:25

Tgt Ion:180 Resp: 70258

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 30.5 15.3 45.8

