

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012757.D
 Acq On : 02 Mar 2023 13:47
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 03 01:02:20 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	124575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115813	93.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.260%#	
35) Dibromofluoromethane	7.716	113	110437	95.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 191.260%#	
50) Toluene-d8	10.179	98	404772	95.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 191.760%#	
62) 4-Bromofluorobenzene	12.483	95	138391	97.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 194.240%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	114690	93.406	ug/l	97
3) Chloromethane	2.113	50	131511	89.590	ug/l	99
4) Vinyl Chloride	2.253	62	129700	96.355	ug/l	99
5) Bromomethane	2.637	94	73872	90.318	ug/l	94
6) Chloroethane	2.790	64	75925	94.182	ug/l	99
7) Trichlorofluoromethane	3.125	101	212165	94.900	ug/l	98
8) Diethyl Ether	3.528	74	75936	96.925	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	130157	96.767	ug/l	99
10) Methyl Iodide	4.088	142	182483	104.123	ug/l	99
11) Tert butyl alcohol	4.948	59	66645	487.694	ug/l	99
12) 1,1-Dichloroethene	3.869	96	125997	98.217	ug/l	99
13) Acrolein	3.723	56	102729	474.064	ug/l	100
14) Allyl chloride	4.479	41	237650	100.290	ug/l	100
15) Acrylonitrile	5.161	53	197444	478.302	ug/l	100
16) Acetone	3.942	43	248572	512.013	ug/l	98
17) Carbon Disulfide	4.192	76	424161	97.138	ug/l	100
18) Methyl Acetate	4.473	43	138113	95.531	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	331332	99.994	ug/l	100
20) Methylene Chloride	4.716	84	142851	102.016	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	137376	98.543	ug/l	98
22) Diisopropyl ether	6.119	45	419843	97.547	ug/l	98
23) Vinyl Acetate	6.058	43	1323712	494.984	ug/l	100
24) 1,1-Dichloroethane	6.015	63	237925	97.011	ug/l	99
25) 2-Butanone	6.984	43	295009	490.612	ug/l	99
26) 2,2-Dichloropropane	6.978	77	208792	95.853	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	147453	98.656	ug/l	99
28) Bromochloromethane	7.332	49	86800	96.846	ug/l	99
29) Tetrahydrofuran	7.344	42	175654	484.347	ug/l	100
30) Chloroform	7.502	83	235177	97.080	ug/l	99
31) Cyclohexane	7.783	56	224840	94.916	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	215087	98.179	ug/l	99
36) 1,1-Dichloropropene	7.917	75	190637	98.511	ug/l	99
37) Ethyl Acetate	7.076	43	115796	94.936	ug/l	99
38) Carbon Tetrachloride	7.899	117	197077	98.618	ug/l	99
39) Methylcyclohexane	9.185	83	237662	103.300	ug/l	98
40) Benzene	8.161	78	534555	97.651	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	162612	254.287	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	160471	97.504	ug/l	100
43) Isopropyl Acetate	8.271	43	216356	99.422	ug/l	100
44) Trichloroethene	8.941	130	142714	98.882	ug/l	97
45) 1,2-Dichloropropane	9.216	63	135702	98.089	ug/l	100
46) Dibromomethane	9.307	93	75971	96.390	ug/l	98
47) Bromodichloromethane	9.496	83	181571	97.760	ug/l	99
48) Methyl methacrylate	9.289	41	104192	103.911	ug/l	99
49) 1,4-Dioxane	9.295	88	20445	2006.592	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	585200	495.758	ug/l	100
52) Toluene	10.246	92	329767	99.888	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	196566	100.899	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	220540	100.016	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	104464	95.172	ug/l	98
56) Ethyl methacrylate	10.508	69	152054	103.893	ug/l	99
57) 1,3-Dichloropropane	10.788	76	182359	97.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	387043	503.757	ug/l	99
59) 2-Hexanone	10.831	43	435945	508.151	ug/l	100
60) Dibromochloromethane	10.984	129	131049	98.082	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101170	95.684	ug/l	98
64) Tetrachloroethene	10.721	164	119926	97.627	ug/l	97
65) Chlorobenzene	11.514	112	345237	97.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	128990	98.444	ug/l	99
67) Ethyl Benzene	11.593	91	634297	101.884	ug/l	100
68) m/p-Xylenes	11.703	106	481522	201.054	ug/l	99
69) o-Xylene	12.032	106	229272	102.573	ug/l	99
70) Styrene	12.044	104	383269	102.751	ug/l	99
71) Bromoform	12.209	173	83638	97.901	ug/l #	99
73) Isopropylbenzene	12.331	105	605591	104.898	ug/l	100
74) N-amyl acetate	12.142	43	191045	105.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126853	97.748	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	165467	170.100	ug/l #	100
77) Bromobenzene	12.611	156	142712	101.757	ug/l	98
78) n-propylbenzene	12.672	91	744725	104.631	ug/l	100
79) 2-Chlorotoluene	12.758	91	406527	102.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	494753	103.845	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46990	100.091	ug/l	98
82) 4-Chlorotoluene	12.855	91	422073	103.072	ug/l	99
83) tert-Butylbenzene	13.075	119	430228	104.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	484153	103.922	ug/l	100
85) sec-Butylbenzene	13.251	105	648884	103.433	ug/l	99
86) p-Isopropyltoluene	13.367	119	533657	104.083	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	269179	99.514	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	269356	97.569	ug/l	99
89) n-Butylbenzene	13.696	91	509272	103.756	ug/l	100
90) Hexachloroethane	13.959	117	105853	99.124	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	241699	98.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20957	99.921	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	156390	103.880	ug/l	98
94) Hexachlorobutadiene	15.111	225	91342	99.476	ug/l	98
95) Naphthalene	15.239	128	334127	110.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	137780	102.902	ug/l	98

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QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

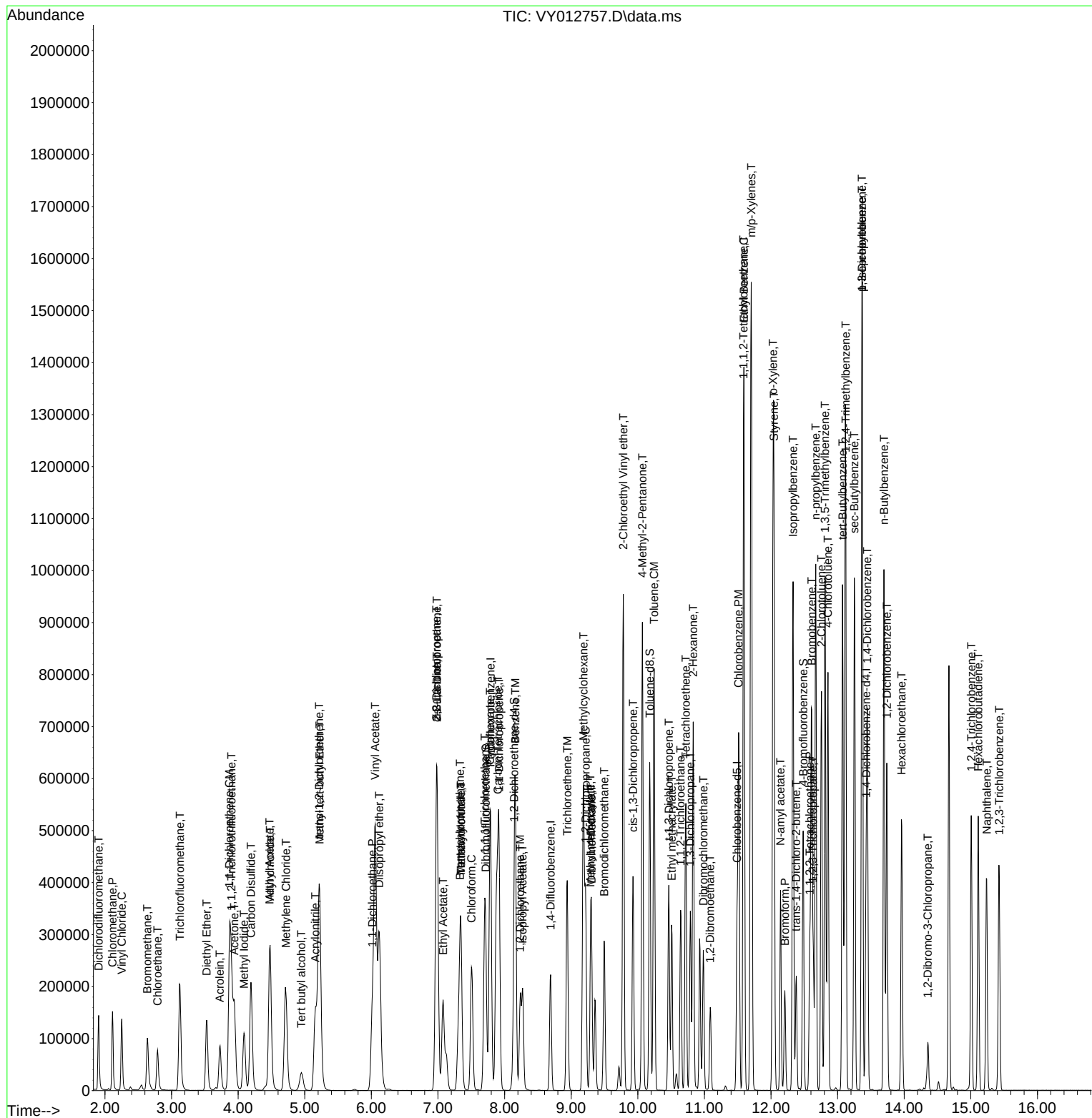
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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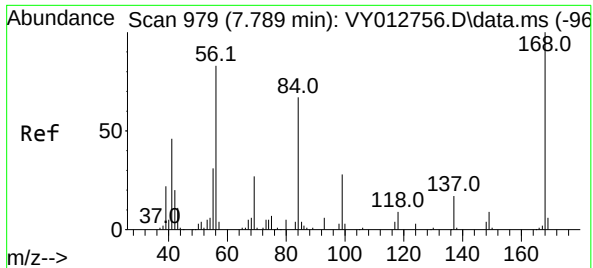
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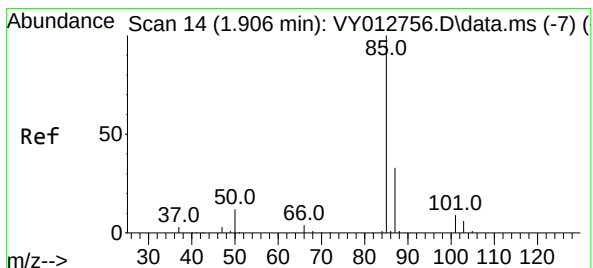
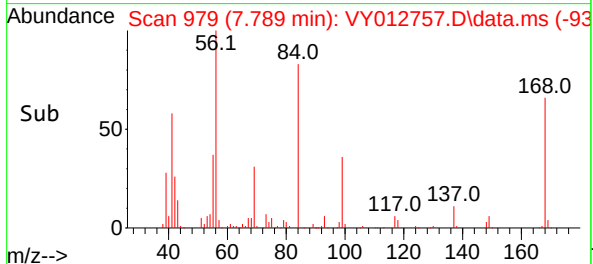
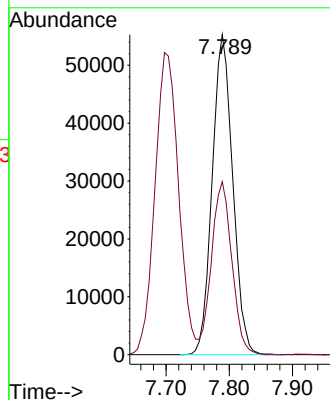
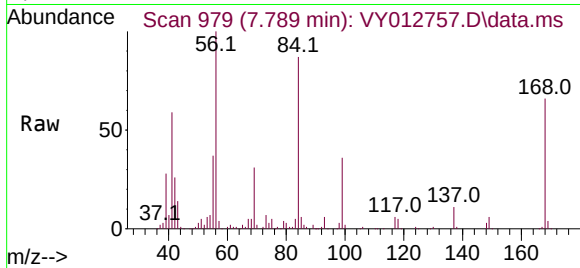




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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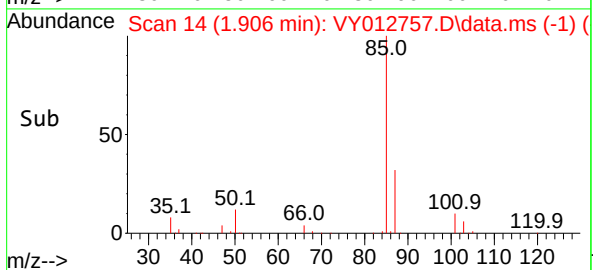
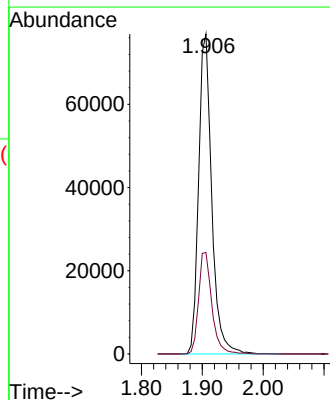
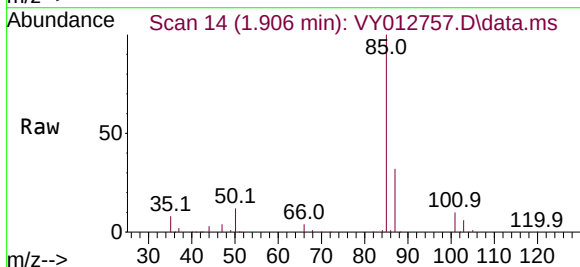
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

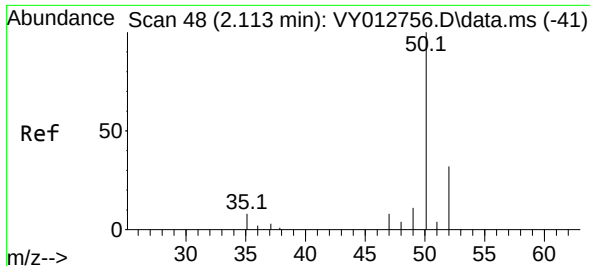
Tgt Ion:168 Resp: 124575
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 93.406 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 85 Resp: 114690
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

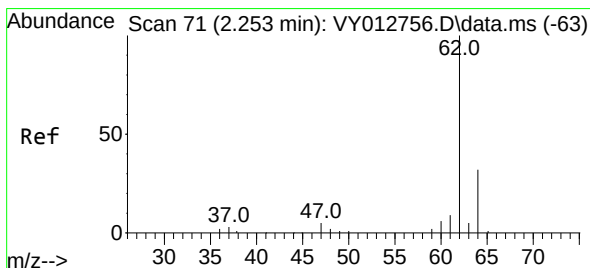
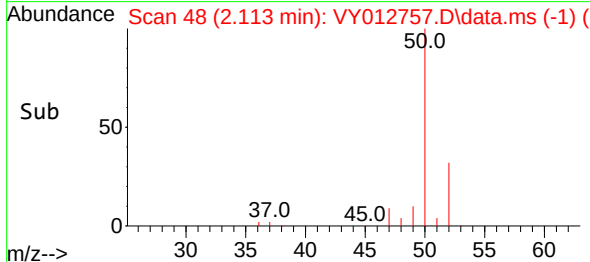
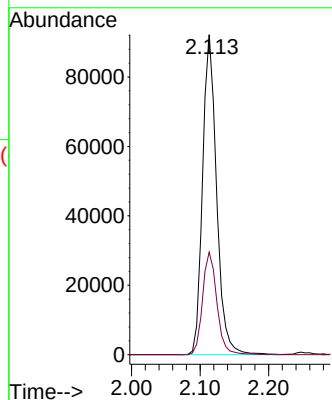
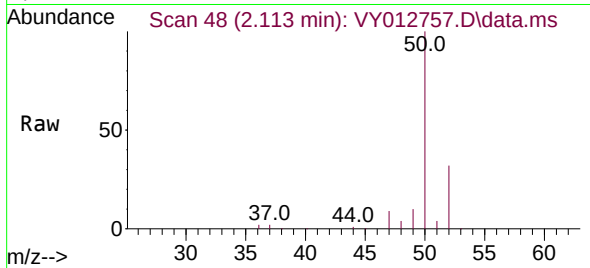




#3
Chloromethane
Concen: 89.590 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

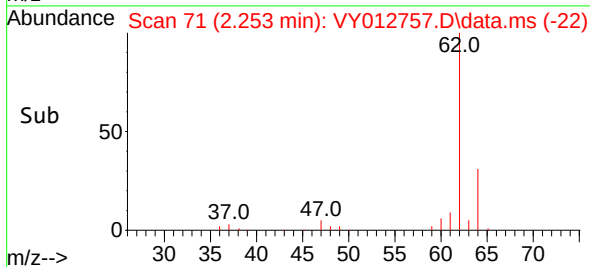
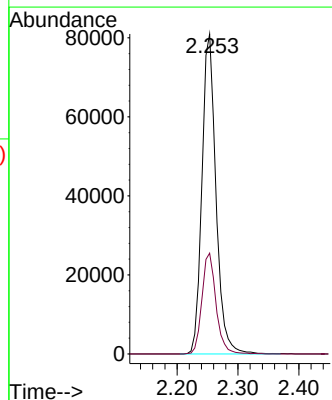
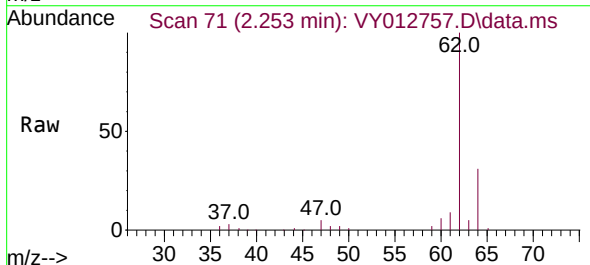
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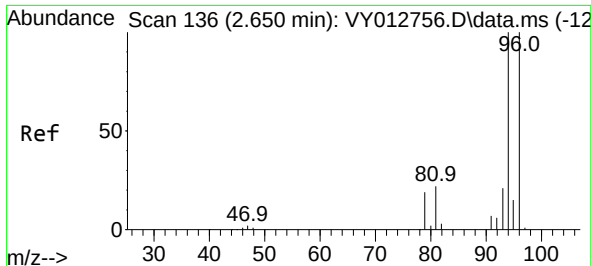
Tgt Ion: 50 Resp: 131511
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 96.355 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 62 Resp: 129700
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

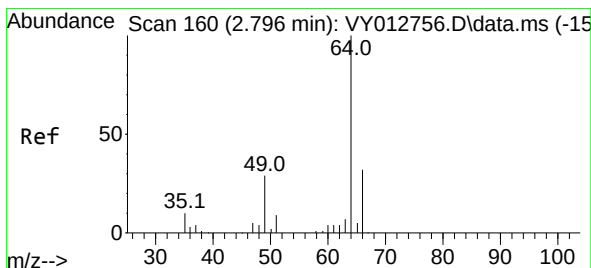
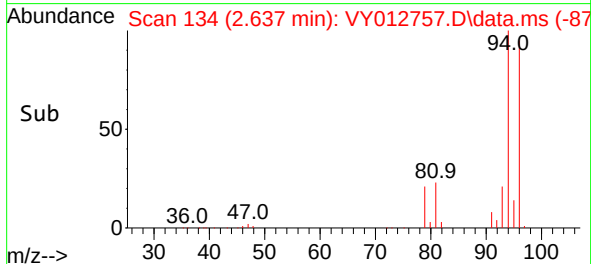
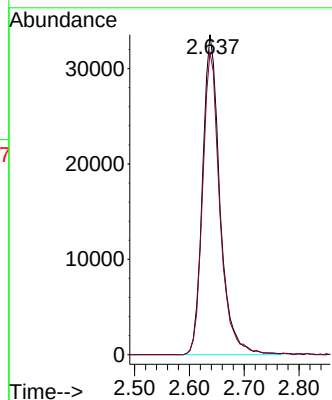
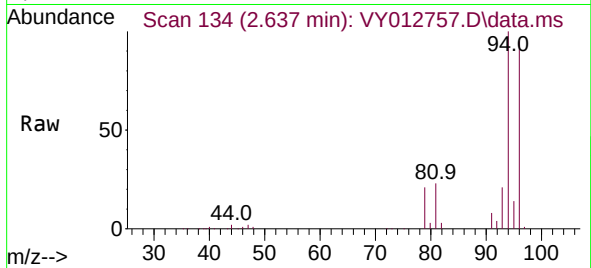




#5
Bromomethane
Concen: 90.318 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012757.D
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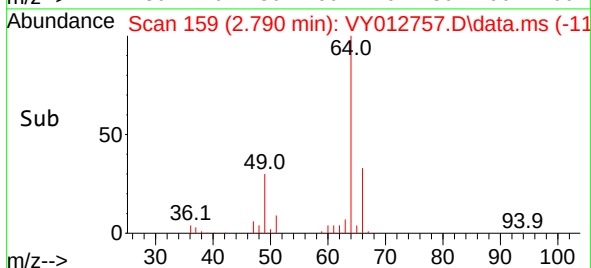
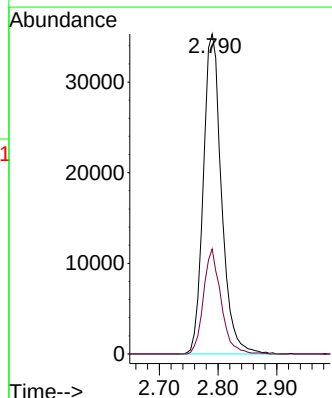
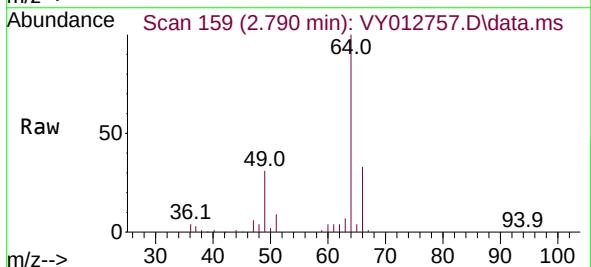
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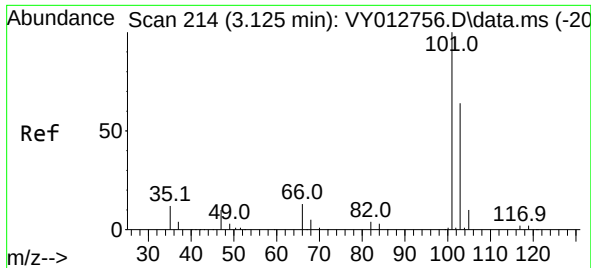
Tgt Ion: 94 Resp: 73872
Ion Ratio Lower Upper
94 100
96 94.5 80.3 120.5



#6
Chloroethane
Concen: 94.182 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 64 Resp: 75925
Ion Ratio Lower Upper
64 100
66 32.8 25.7 38.5

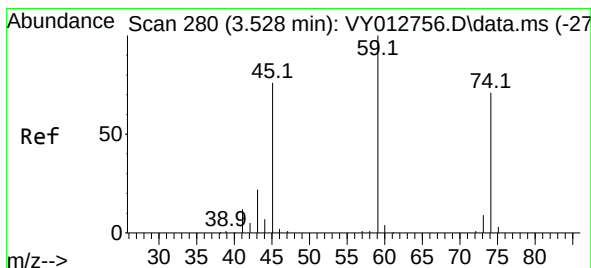
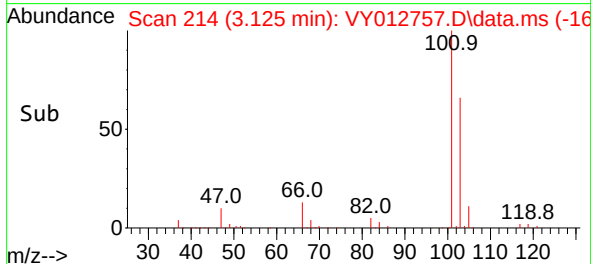
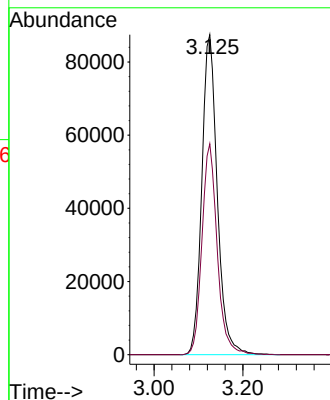
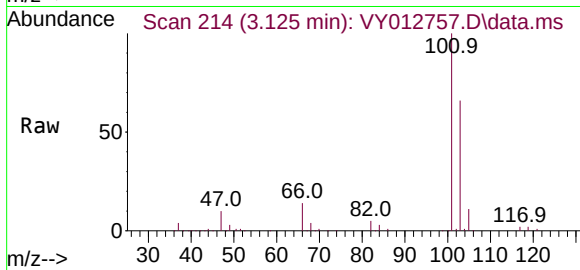




#7
 Trichlorofluoromethane
 Concen: 94.900 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012757.D
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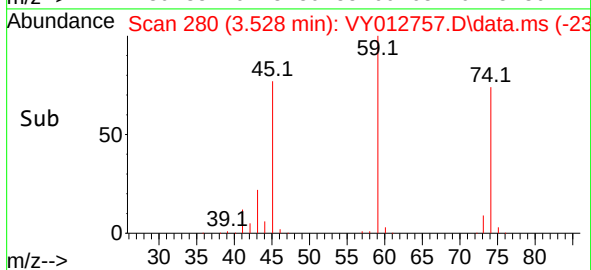
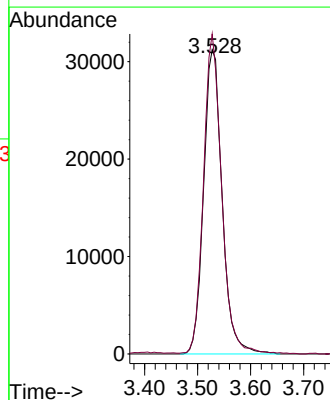
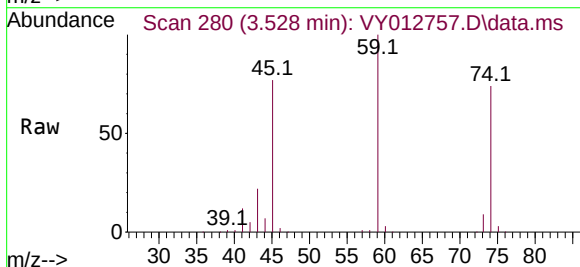
Instrument :
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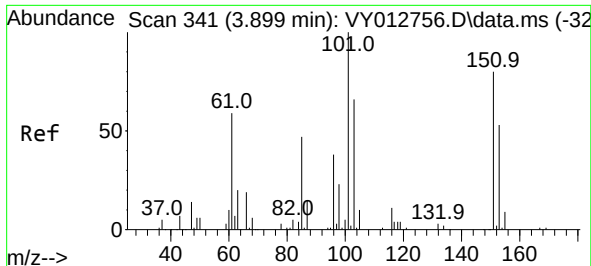
Tgt Ion:101 Resp: 212165
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 96.925 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75936
 Ion Ratio Lower Upper
 74 100
 45 103.0 52.1 156.4

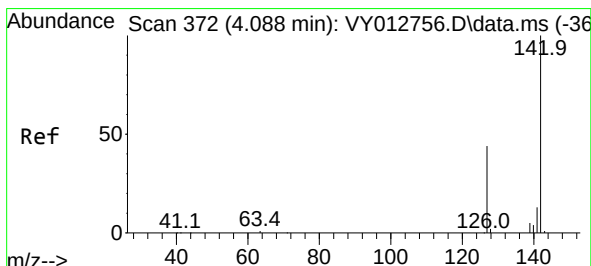
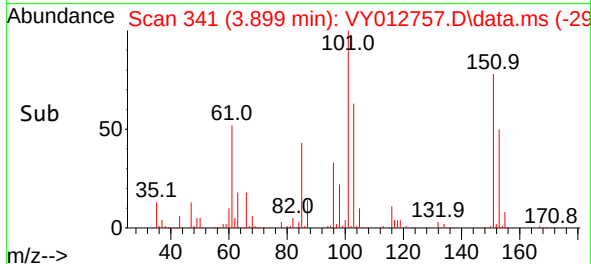
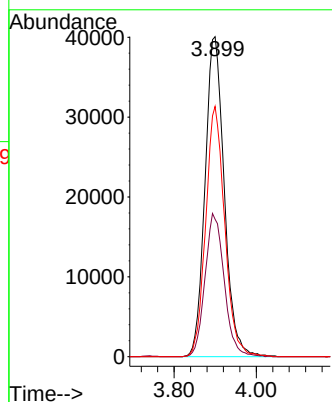
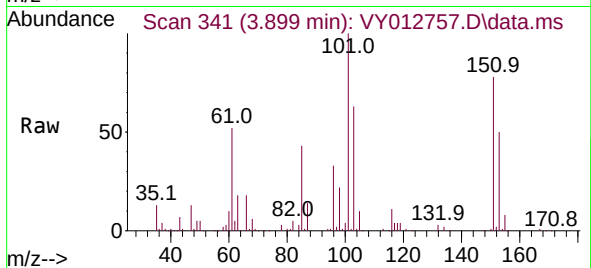




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.767 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

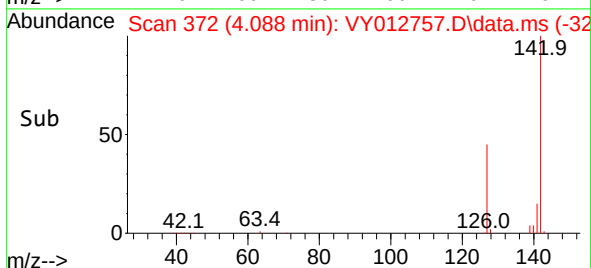
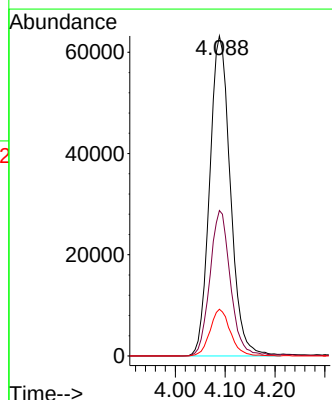
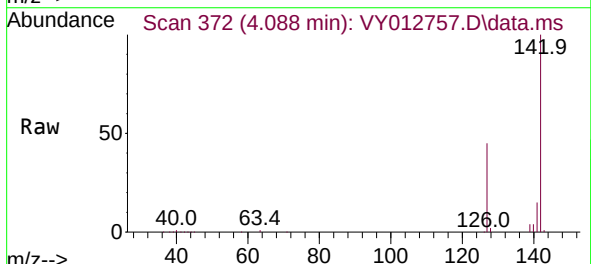
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

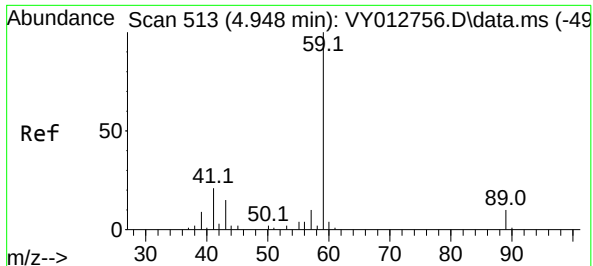
Tgt Ion:101 Resp: 130157
Ion Ratio Lower Upper
101 100
85 44.7 35.3 52.9
151 77.5 63.1 94.7



#10
Methyl Iodide
Concen: 104.123 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:142 Resp: 182483
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.2
141 14.4 11.3 16.9

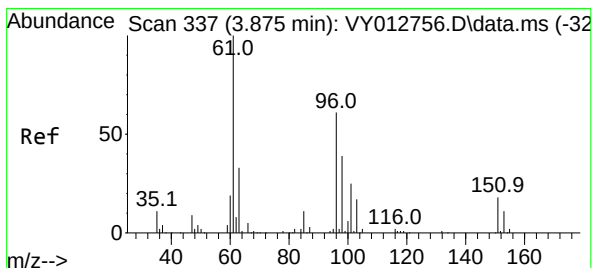
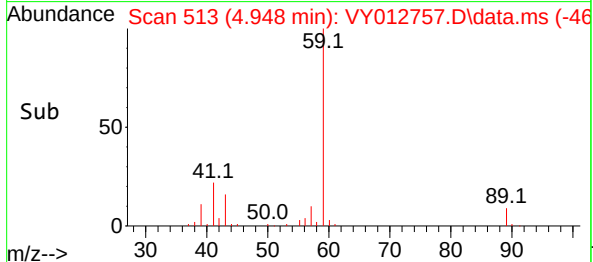
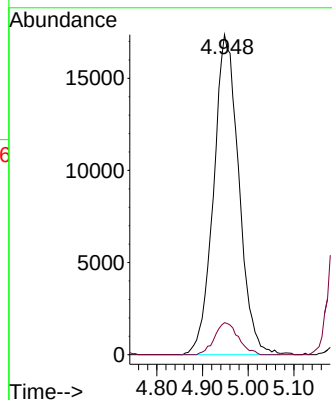
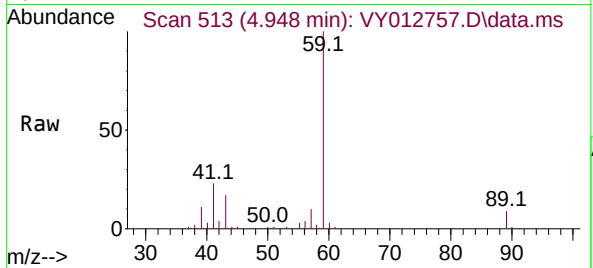




#11
Tert butyl alcohol
Concen: 487.694 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

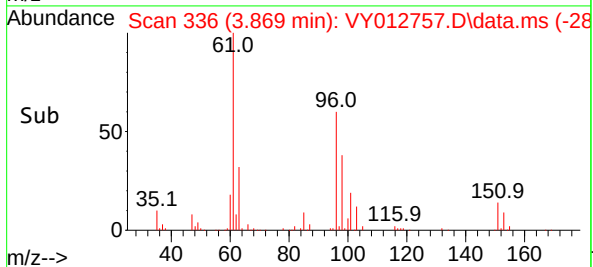
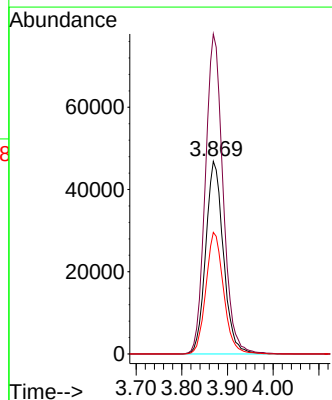
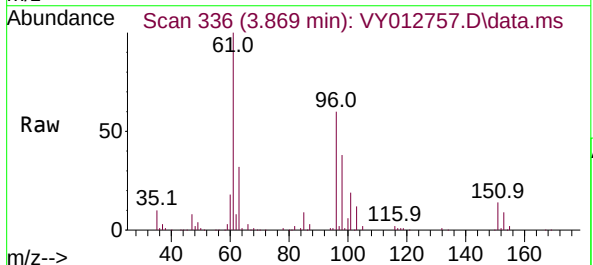
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

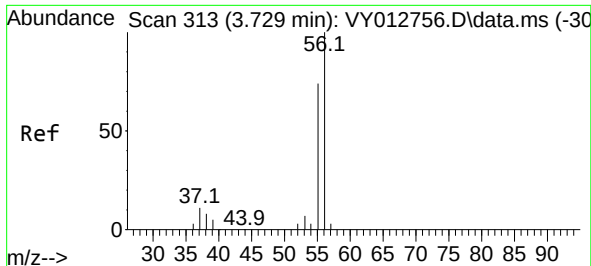
Tgt Ion: 59 Resp: 66645
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 98.217 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 96 Resp: 125997
Ion Ratio Lower Upper
96 100
61 166.1 131.7 197.5
98 63.1 52.0 78.0





#13

Acrolein

Concen: 474.064 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

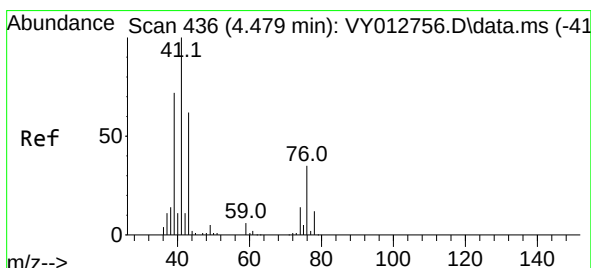
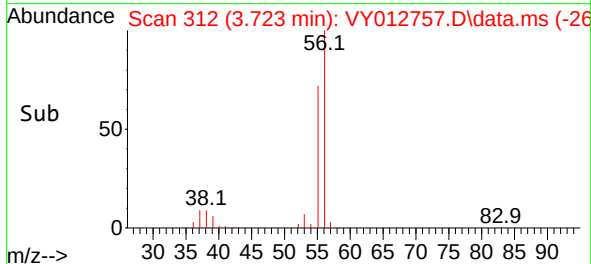
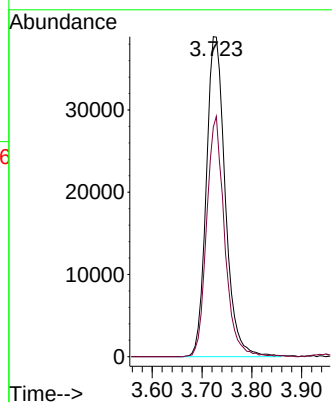
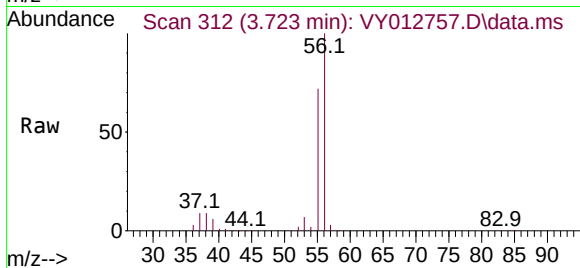
VSTDICC100

Tgt Ion: 56 Resp: 102729

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 100.290 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

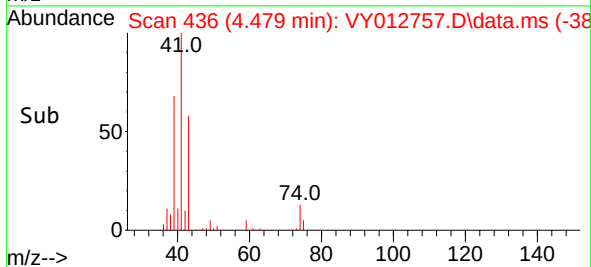
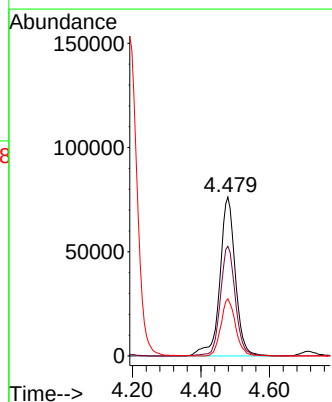
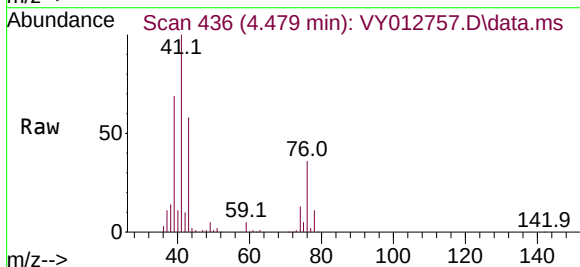
Tgt Ion: 41 Resp: 237650

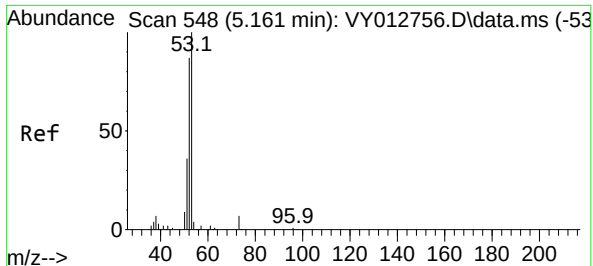
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 34.1 27.2 40.8

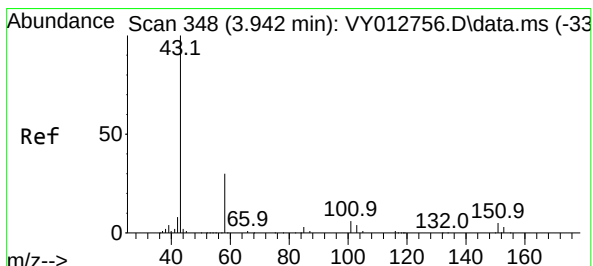
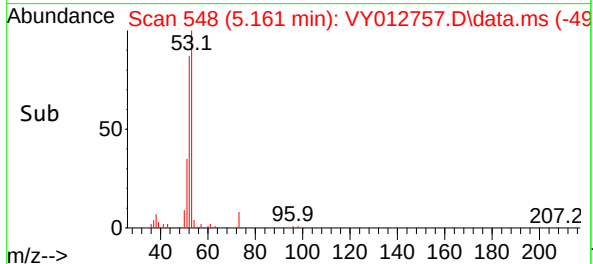
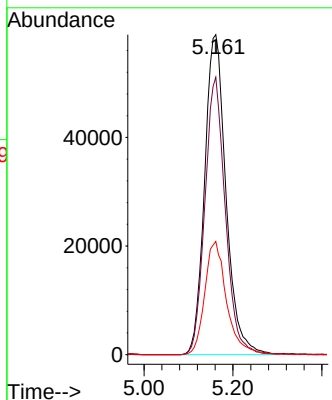
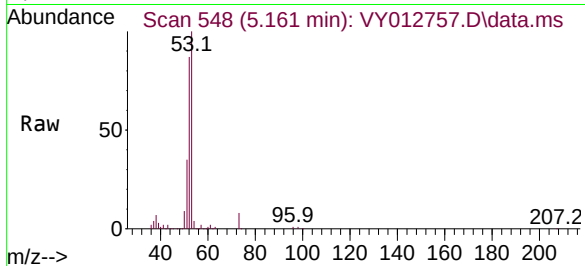




#15
Acrylonitrile
Concen: 478.302 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

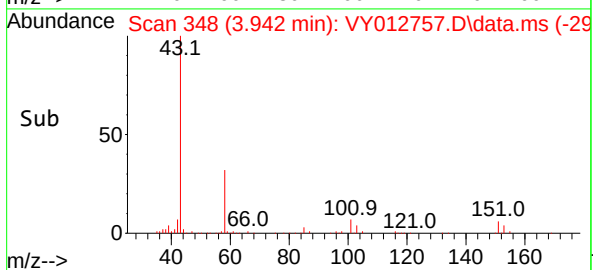
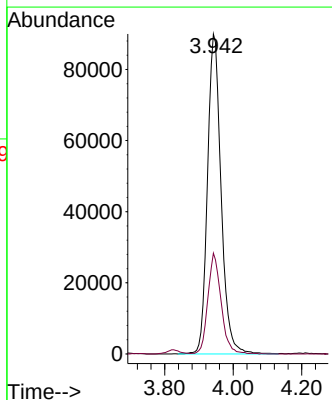
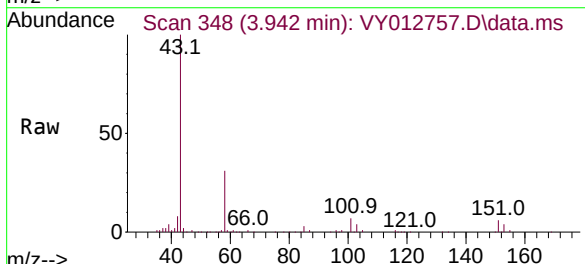
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

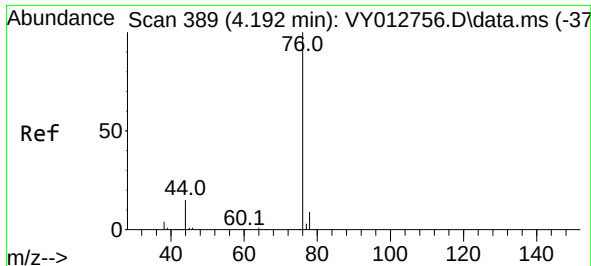
Tgt Ion: 53 Resp: 197444
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 36.1 28.8 43.2



#16
Acetone
Concen: 512.013 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 43 Resp: 248572
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.2

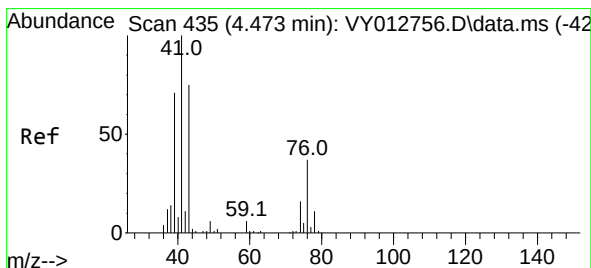
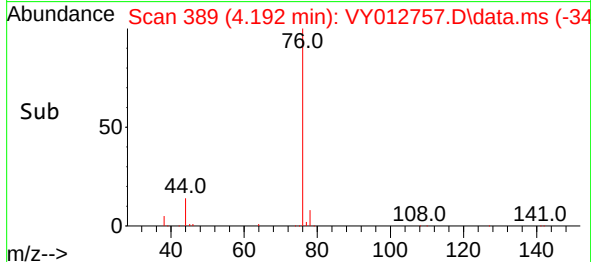
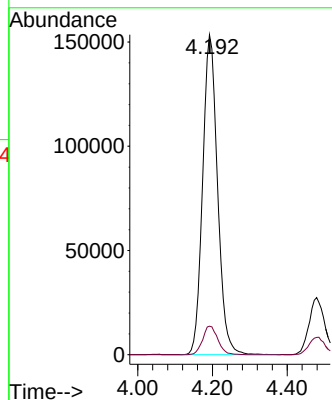
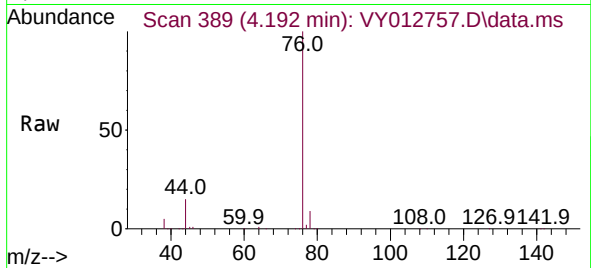




#17
Carbon Disulfide
Concen: 97.138 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

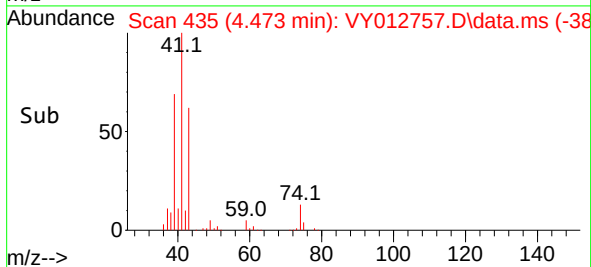
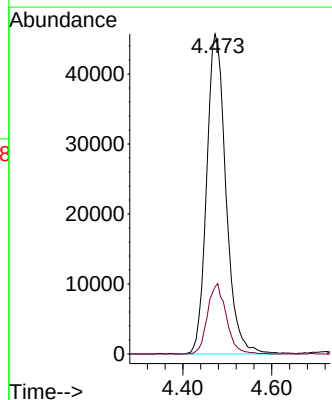
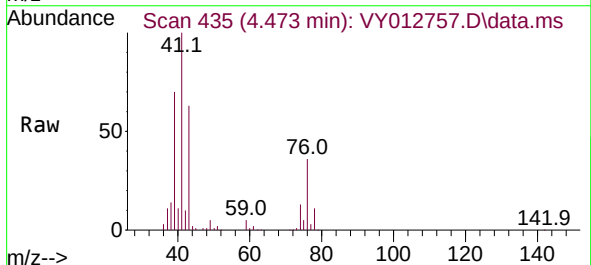
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

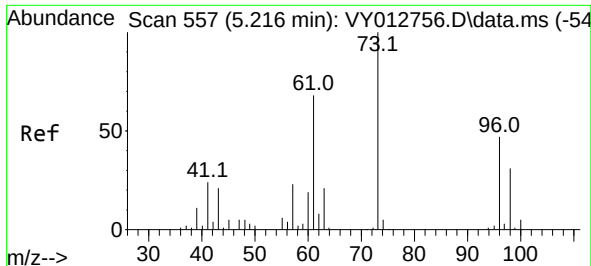
Tgt Ion: 76 Resp: 424161
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 95.531 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 43 Resp: 138113
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.0

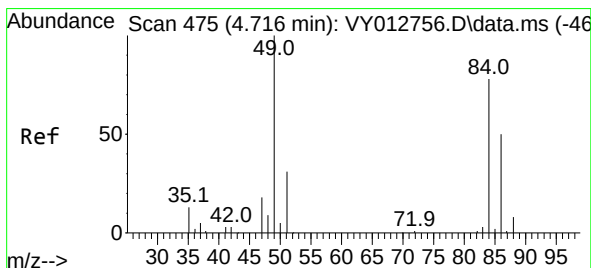
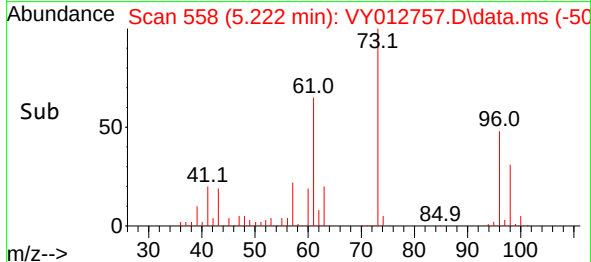
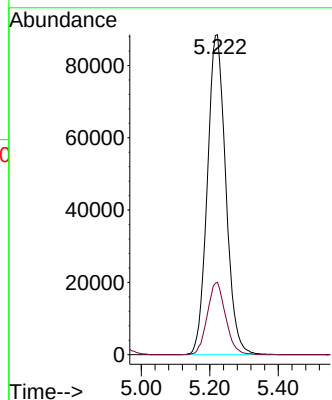
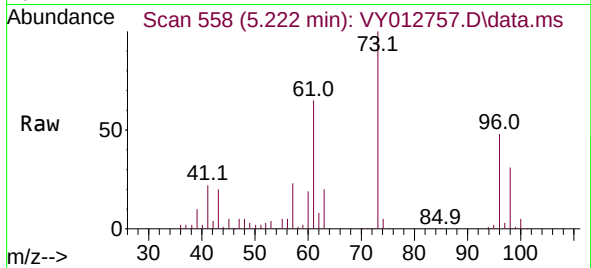




#19
Methyl tert-butyl Ether
Concen: 99.994 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

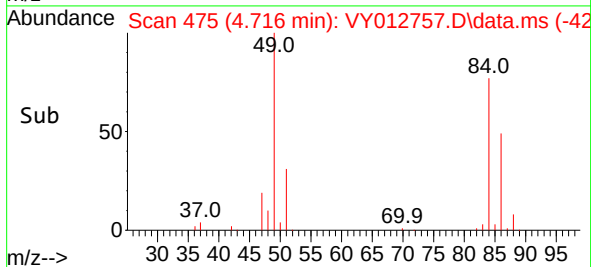
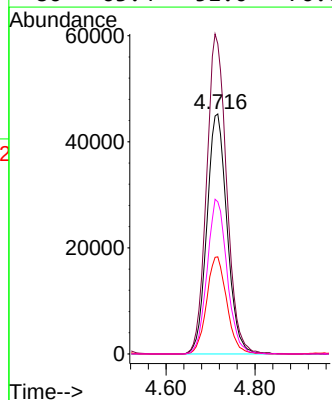
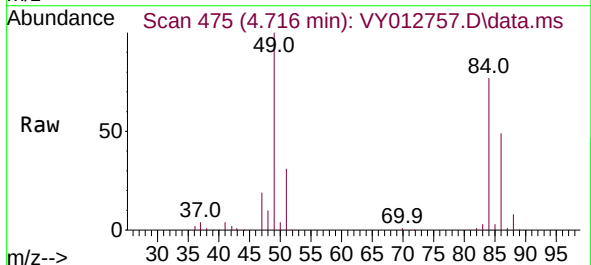
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

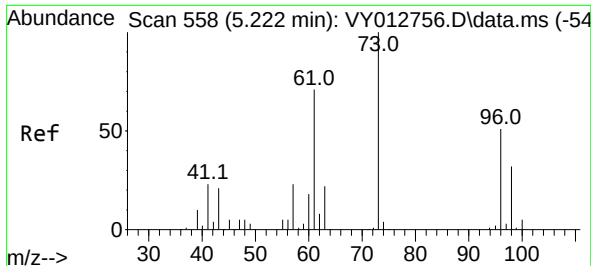
Tgt Ion: 73 Resp: 331332
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 102.016 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 84 Resp: 142851
Ion Ratio Lower Upper
84 100
49 129.2 102.6 154.0
51 40.4 31.9 47.9
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 98.543 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

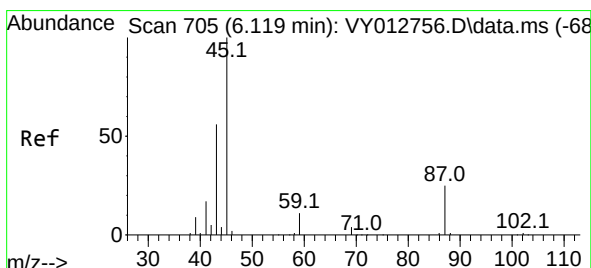
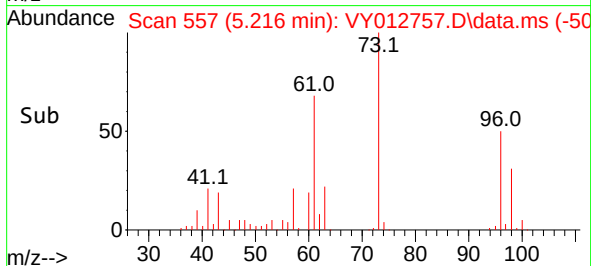
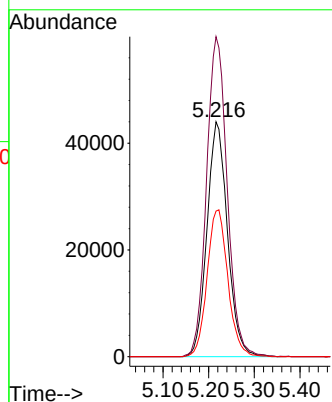
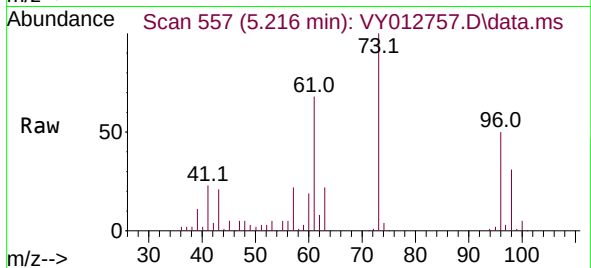
Tgt Ion: 96 Resp: 137376

Ion Ratio Lower Upper

96 100

61 136.3 111.4 167.0

98 62.0 50.8 76.2



#22

Diisopropyl ether

Concen: 97.547 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Tgt Ion: 45 Resp: 419843

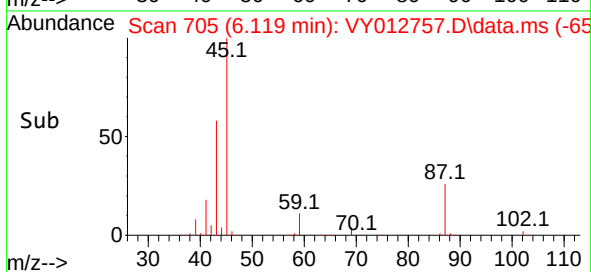
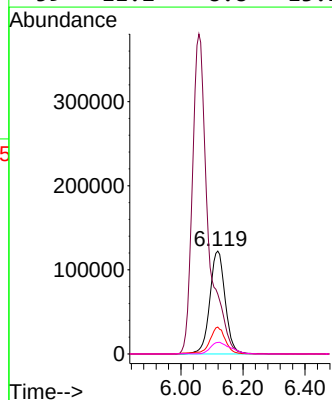
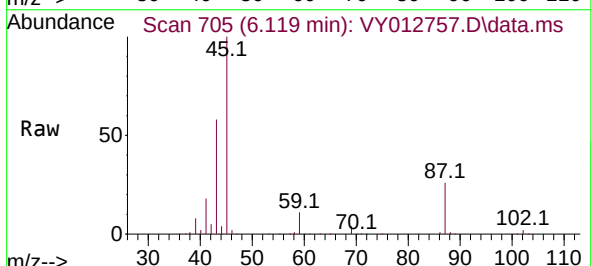
Ion Ratio Lower Upper

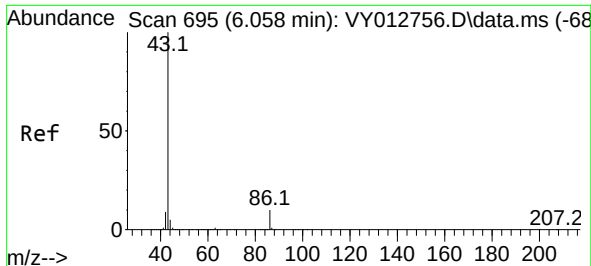
45 100

43 58.0 45.0 67.6

87 26.1 20.3 30.5

59 11.2 8.8 13.2

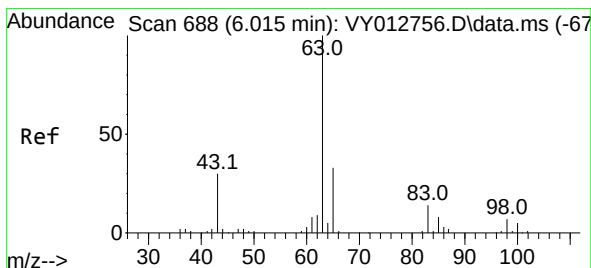
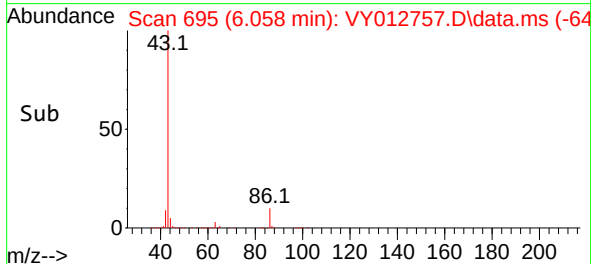
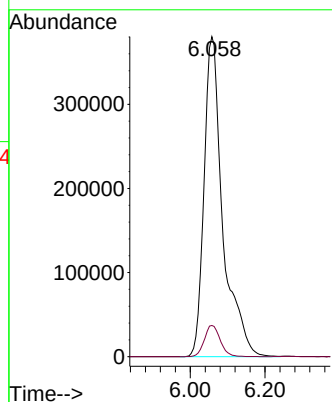
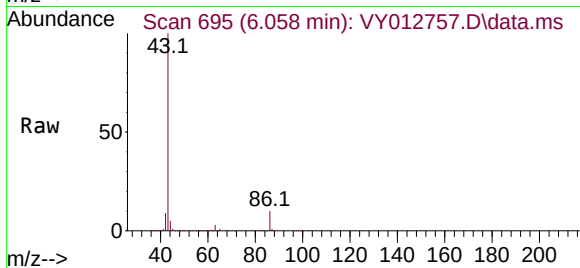




#23
 Vinyl Acetate
 Concen: 494.984 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

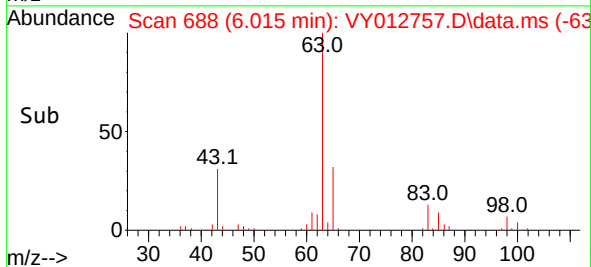
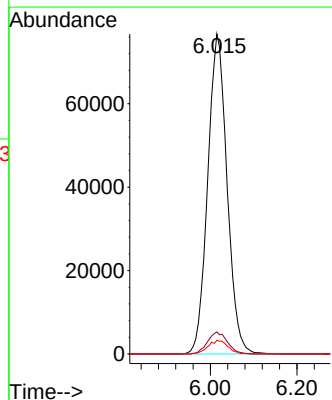
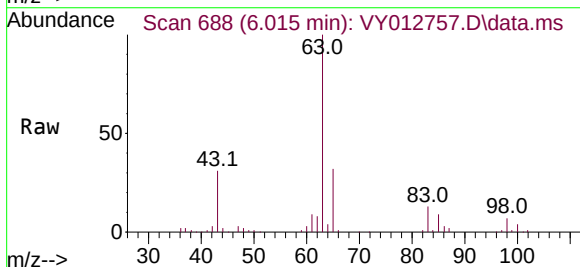
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

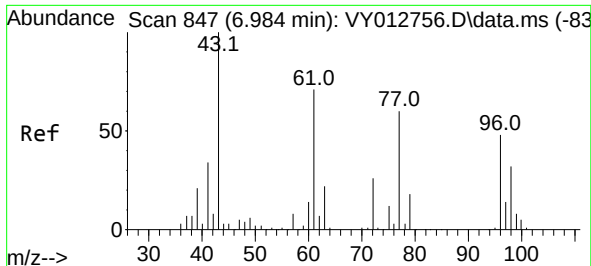
Tgt Ion: 43 Resp: 1323712
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 97.011 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

Tgt Ion: 63 Resp: 237925
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 490.612 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

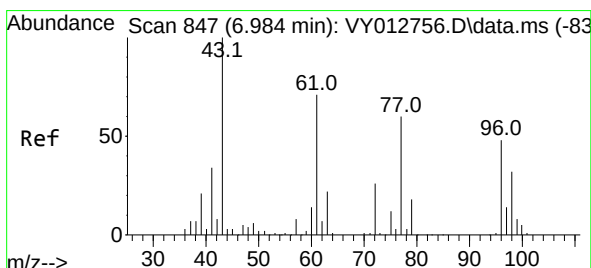
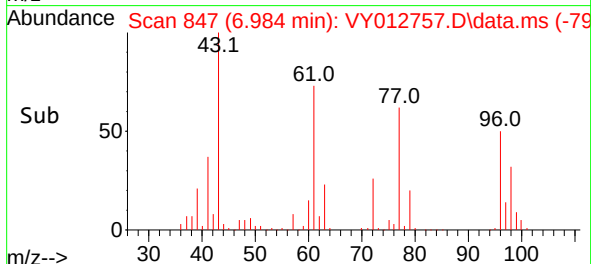
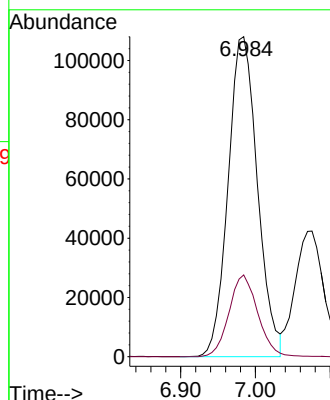
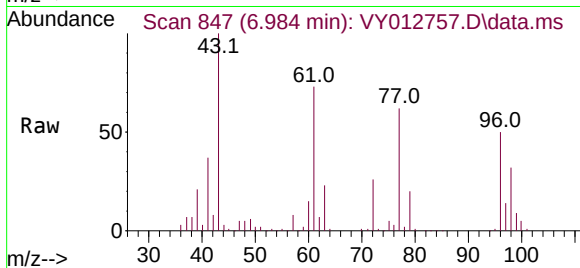
VSTDICC100

Tgt Ion: 43 Resp: 295009

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 95.853 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012757.D

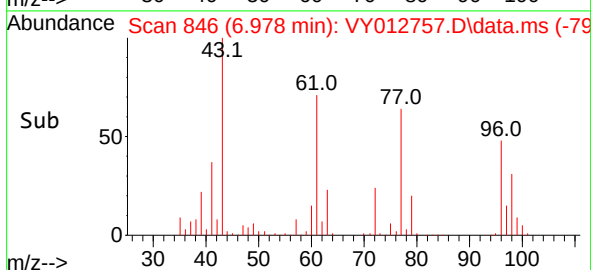
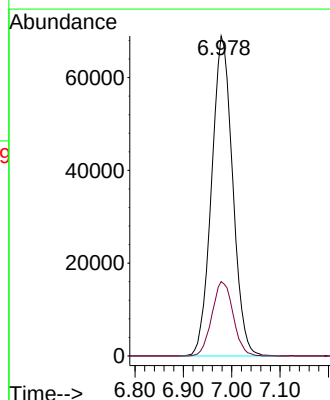
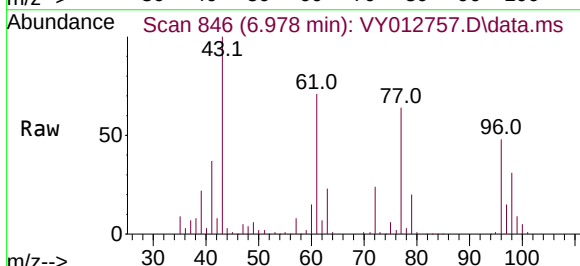
Acq: 02 Mar 2023 13:47

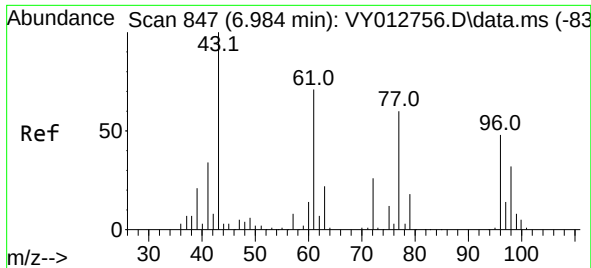
Tgt Ion: 77 Resp: 208792

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



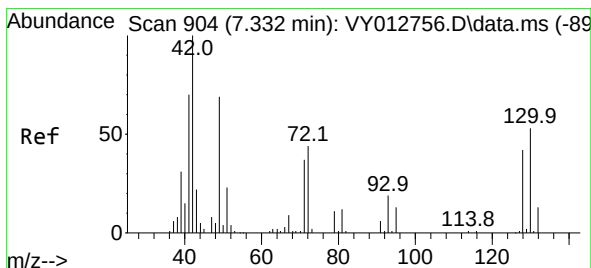
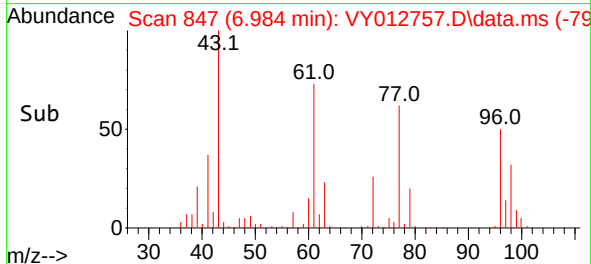
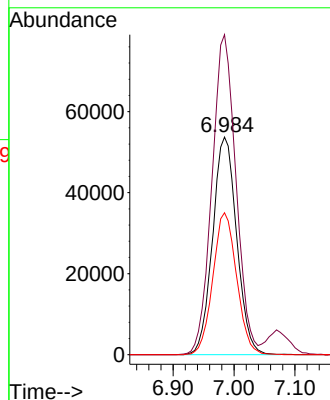
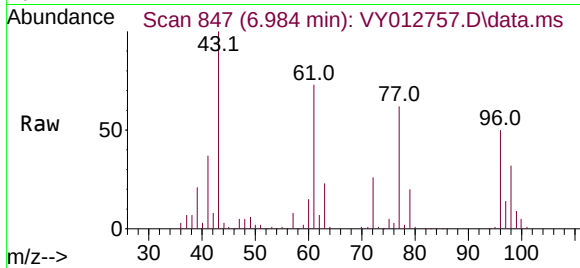


#27
 cis-1,2-Dichloroethene
 Concen: 98.656 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 147453

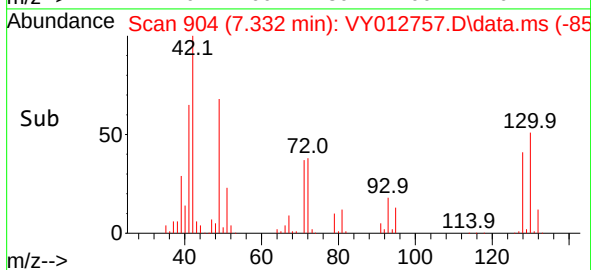
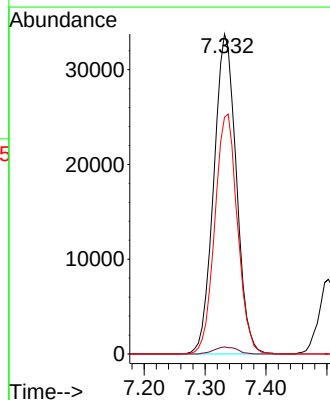
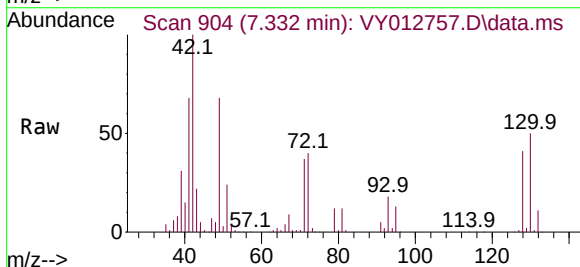
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	295.8
98	64.5	0.0	130.2

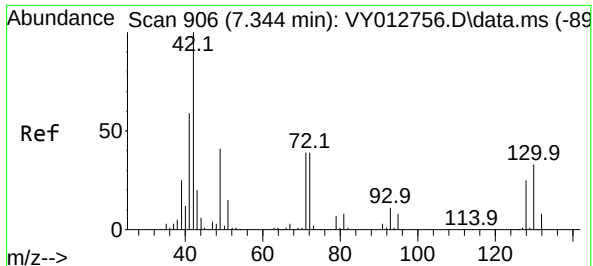


#28
 Bromochloromethane
 Concen: 96.846 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

Tgt Ion: 49 Resp: 86800

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.0	60.5	90.7





#29

Tetrahydrofuran

Concen: 484.347 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

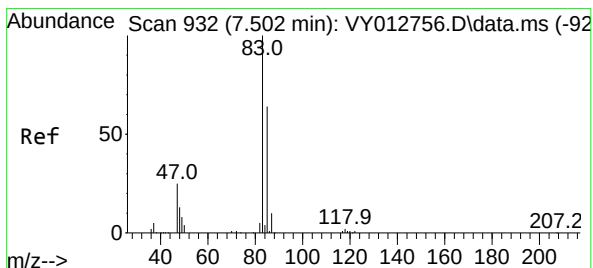
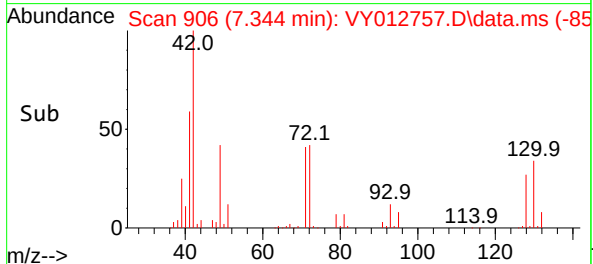
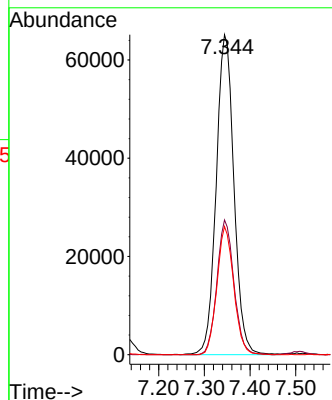
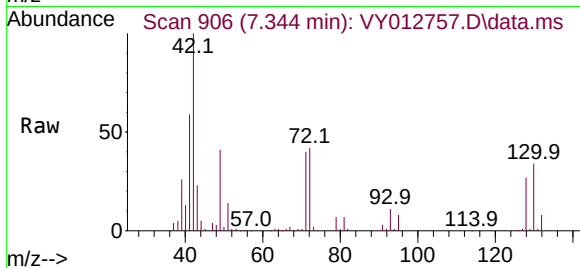
Tgt Ion: 42 Resp: 175654

Ion Ratio Lower Upper

42 100

72 40.4 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 97.080 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012757.D

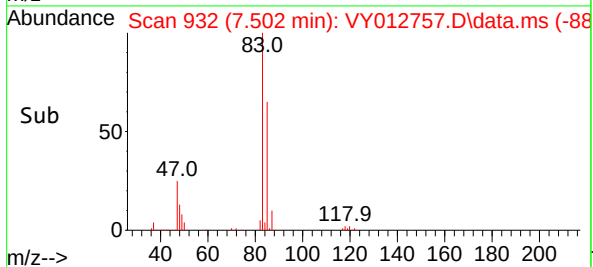
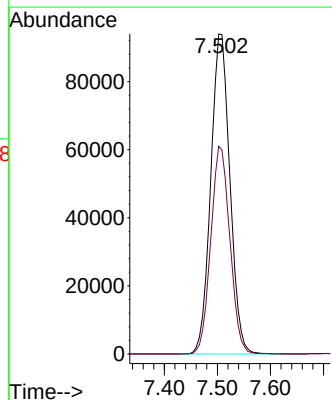
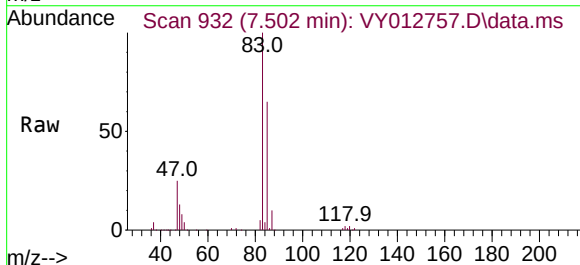
Acq: 02 Mar 2023 13:47

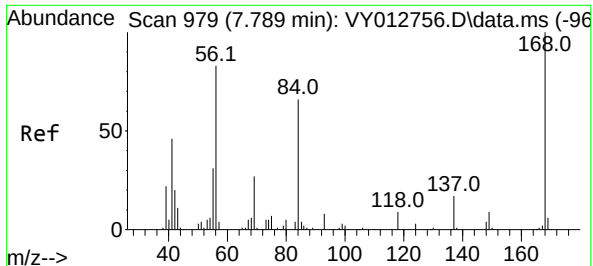
Tgt Ion: 83 Resp: 235177

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0





#31

Cyclohexane

Concen: 94.916 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

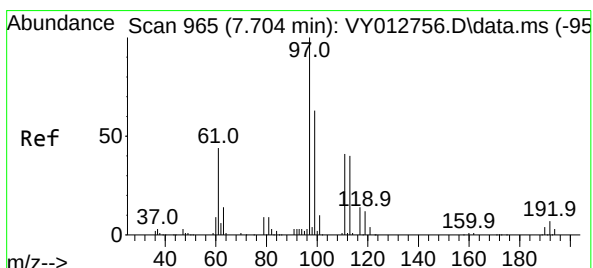
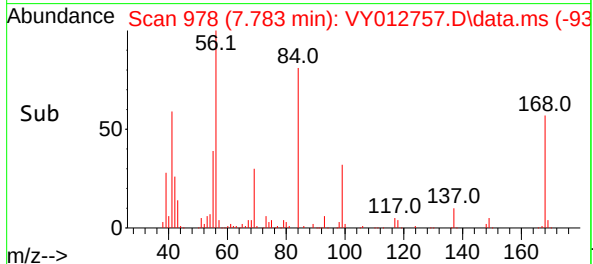
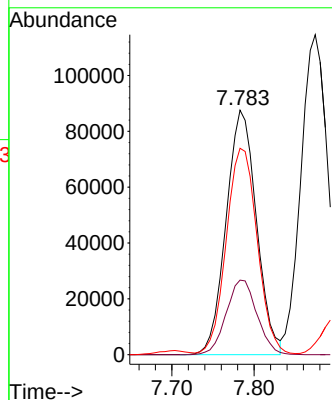
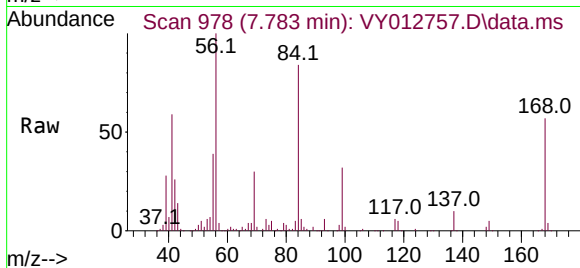
Tgt Ion: 56 Resp: 224840

Ion Ratio Lower Upper

56 100

69 30.5 25.7 38.5

84 83.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 98.179 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

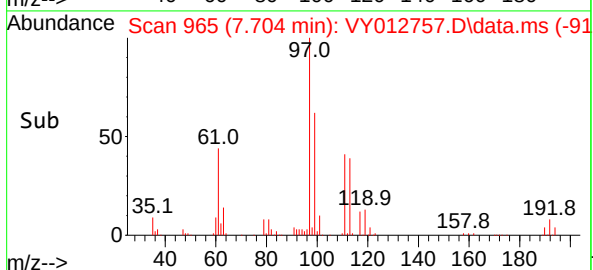
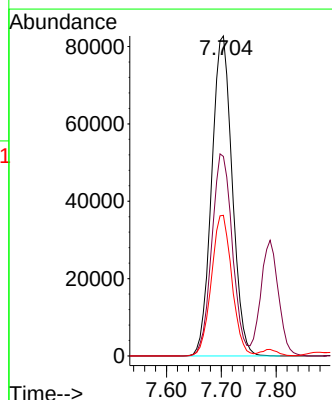
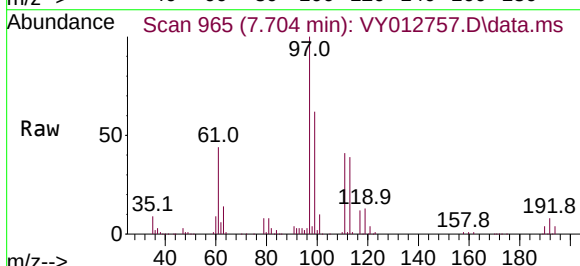
Tgt Ion: 97 Resp: 215087

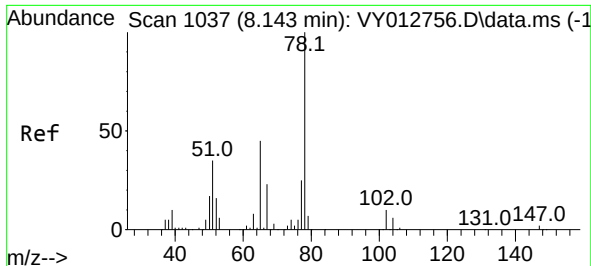
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

61 43.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 93.634 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

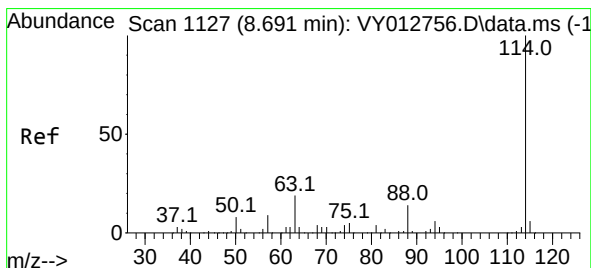
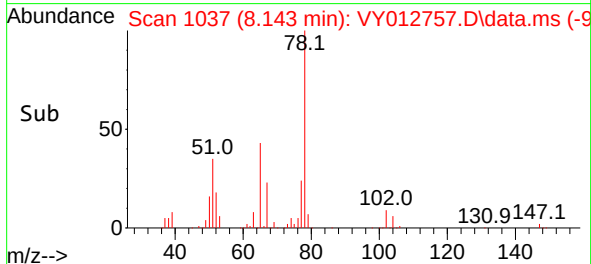
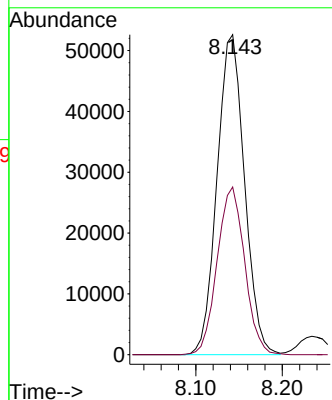
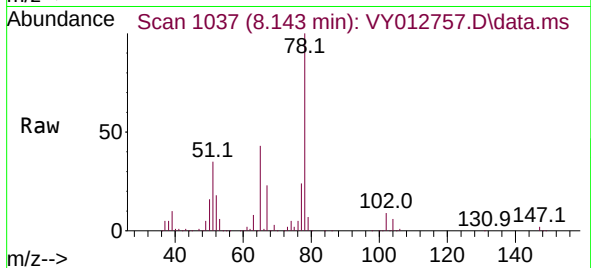
VSTDIC100

Tgt Ion: 65 Resp: 115813

Ion Ratio Lower Upper

65 100

67 52.5 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: VY012757.D

Acq: 02 Mar 2023 13:47

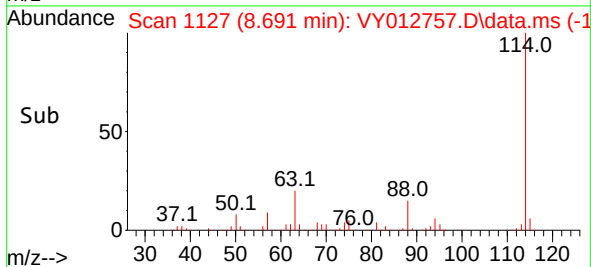
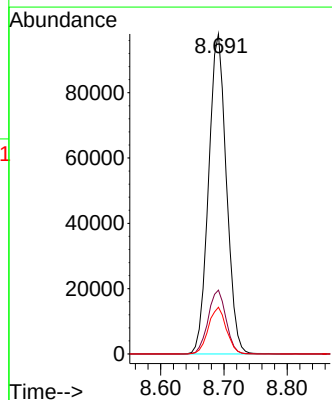
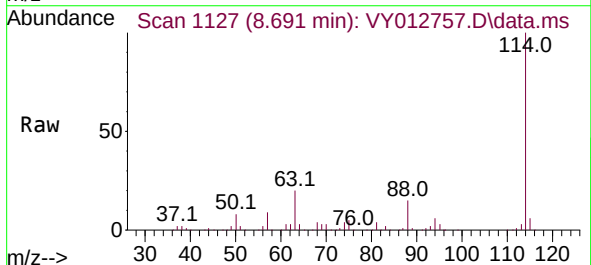
Tgt Ion: 114 Resp: 191351

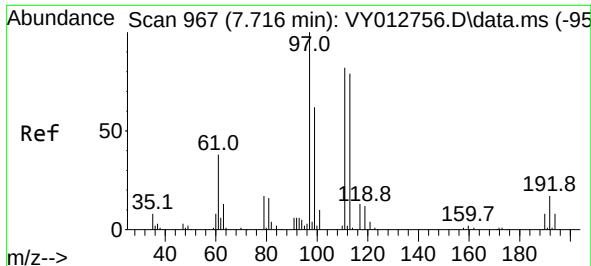
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.6 0.0 28.6

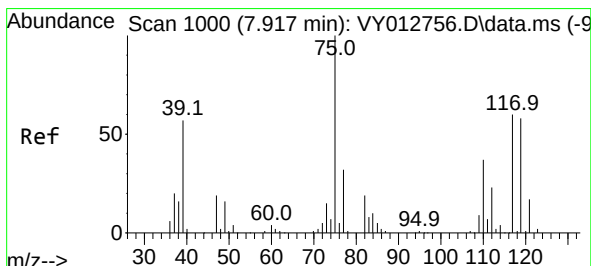
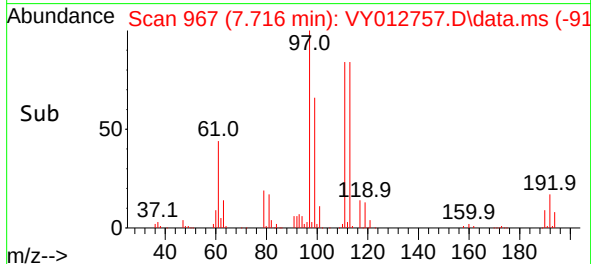
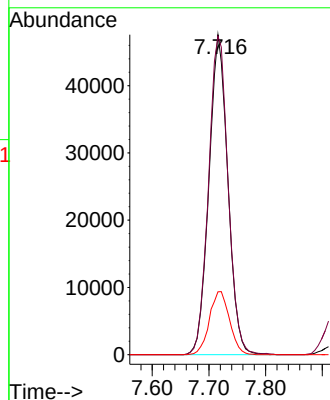
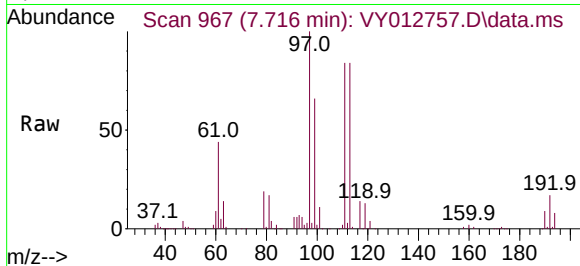




#35
Dibromofluoromethane
Concen: 95.633 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

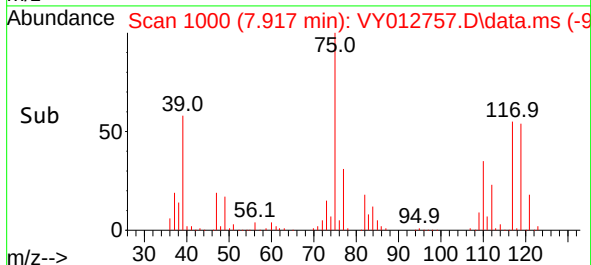
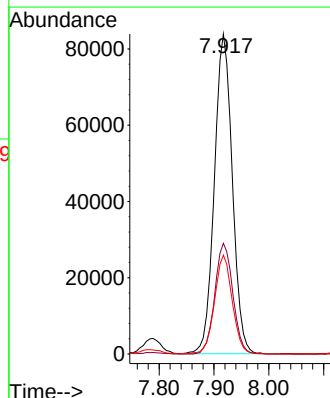
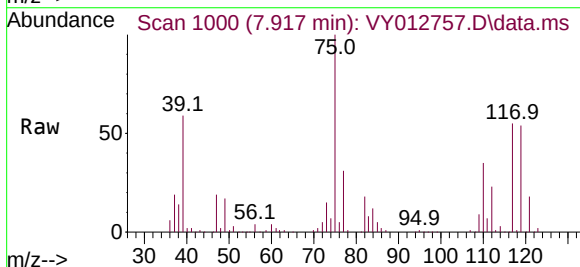
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

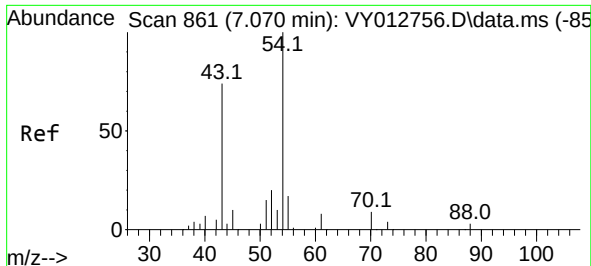
Tgt Ion:113 Resp: 110437
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 98.511 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 75 Resp: 190637
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 94.936 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

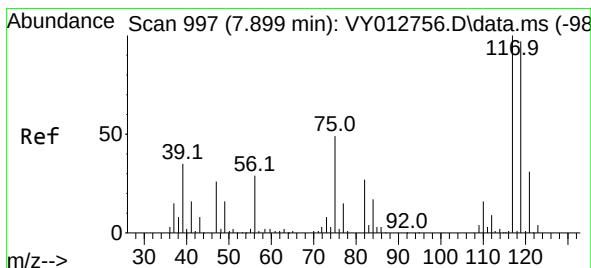
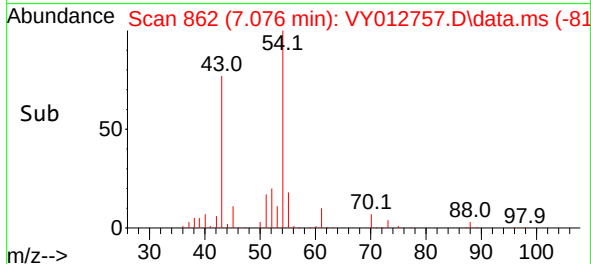
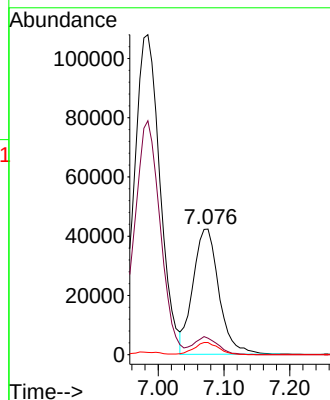
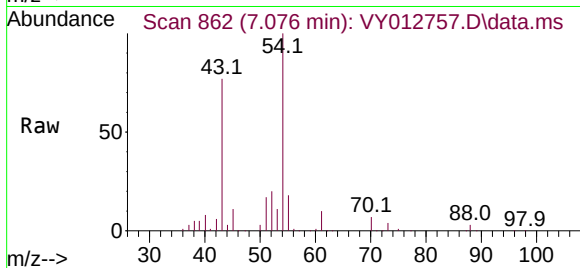
Tgt Ion: 43 Resp: 115796

Ion Ratio Lower Upper

43 100

61 13.5 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 98.618 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

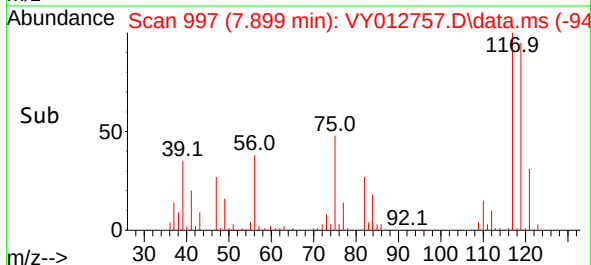
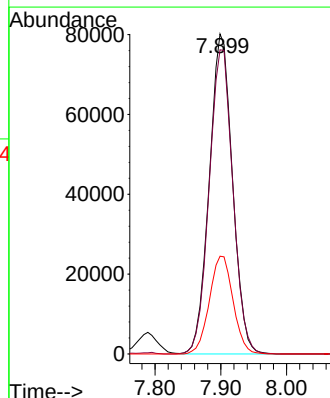
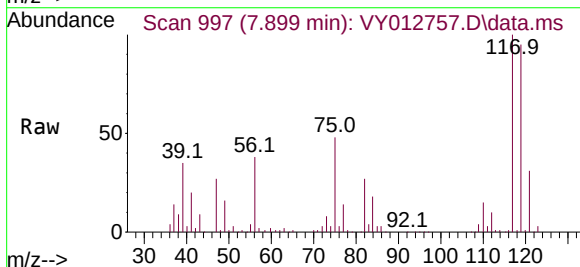
Tgt Ion: 117 Resp: 197077

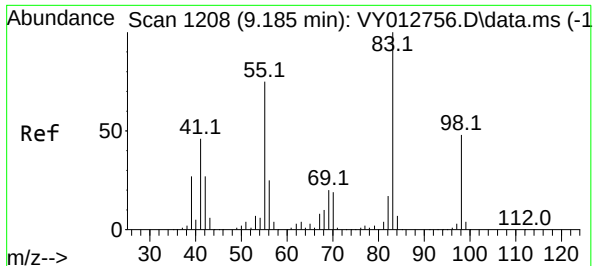
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 103.300 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

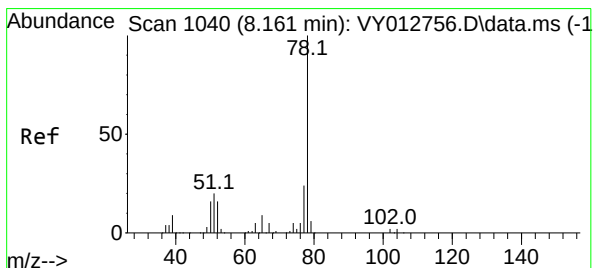
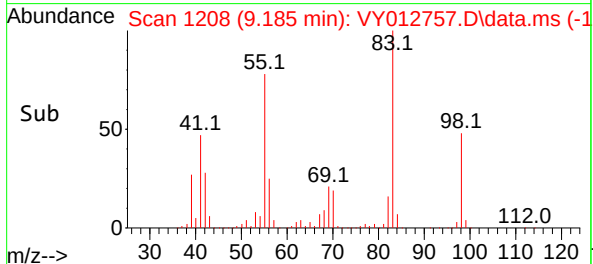
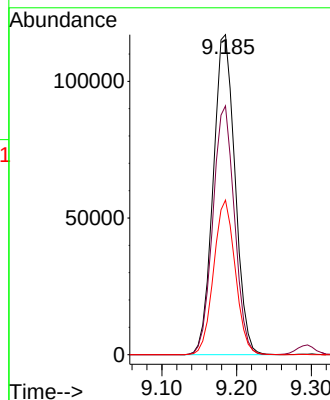
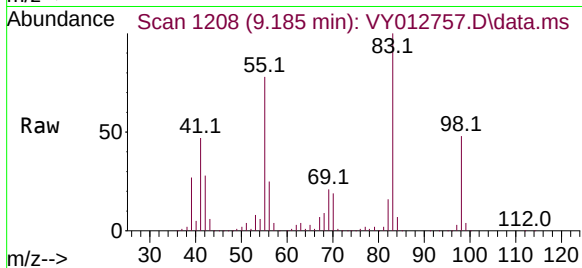
Tgt Ion: 83 Resp: 237662

Ion Ratio Lower Upper

83 100

55 77.8 60.0 90.0

98 48.3 38.3 57.5



#40

Benzene

Concen: 97.651 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012757.D

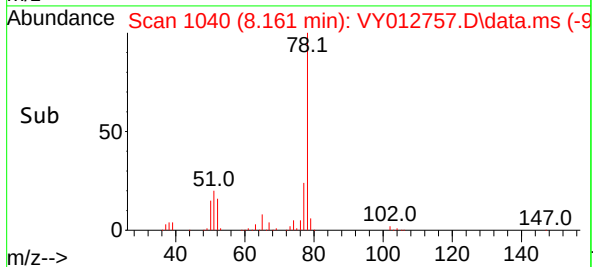
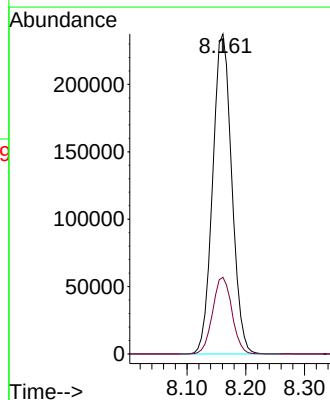
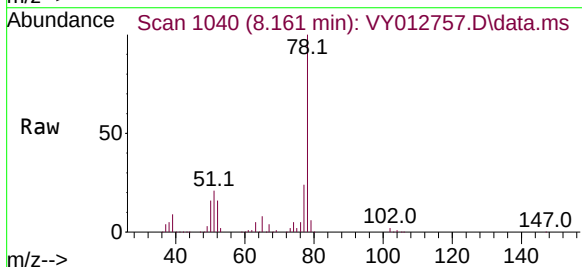
Acq: 02 Mar 2023 13:47

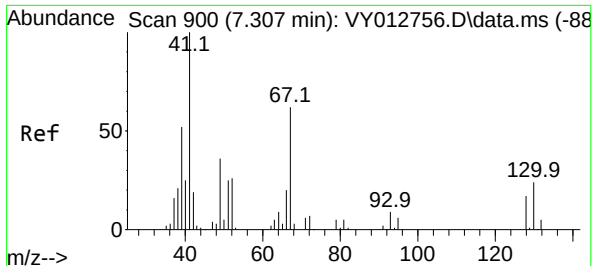
Tgt Ion: 78 Resp: 534555

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0



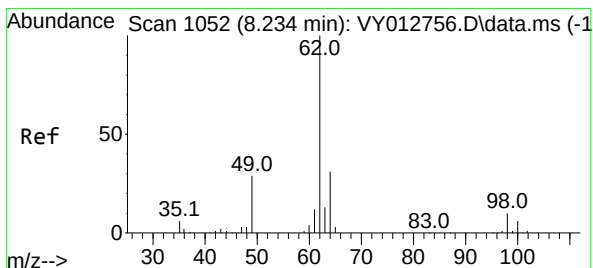
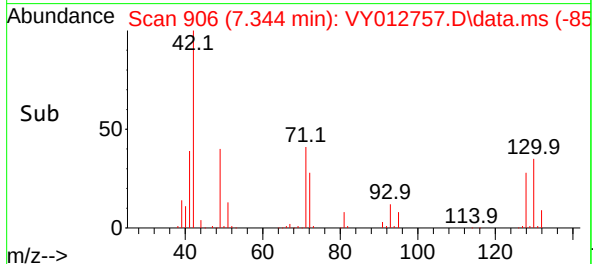
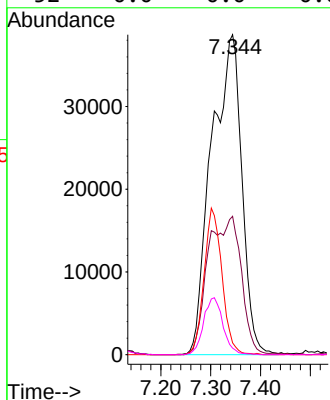
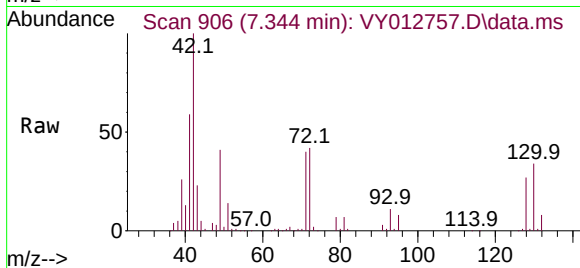


#41
Methacrylonitrile
Concen: 254.287 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 162612

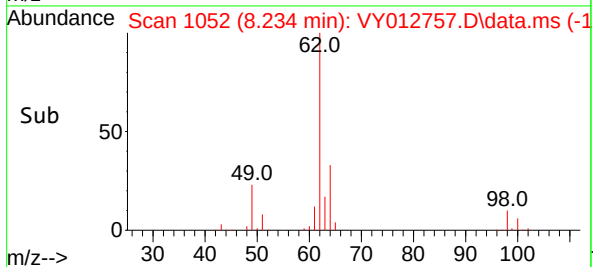
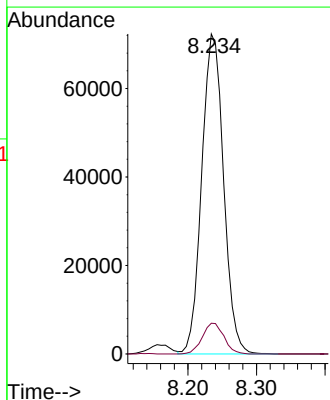
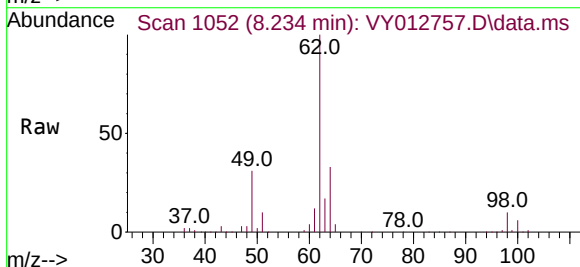
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

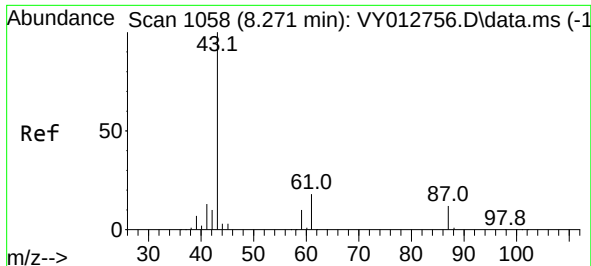


#42
1,2-Dichloroethane
Concen: 97.504 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 62 Resp: 160471

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8





#43

Isopropyl Acetate

Concen: 99.422 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

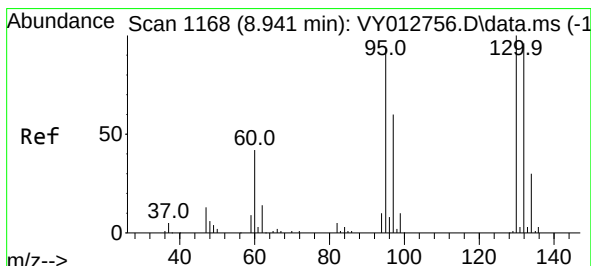
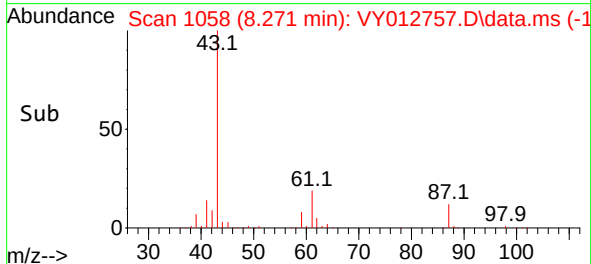
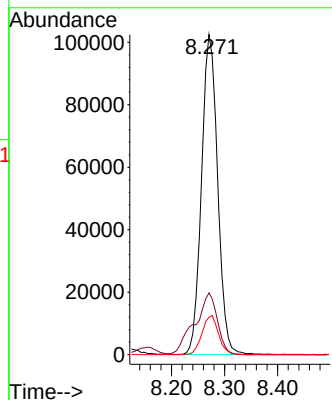
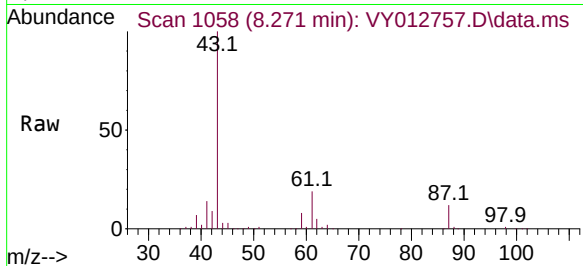
Tgt Ion: 43 Resp: 216356

Ion Ratio Lower Upper

43 100

61 27.2 21.6 32.4

87 12.5 9.9 14.9



#44

Trichloroethene

Concen: 98.882 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012757.D

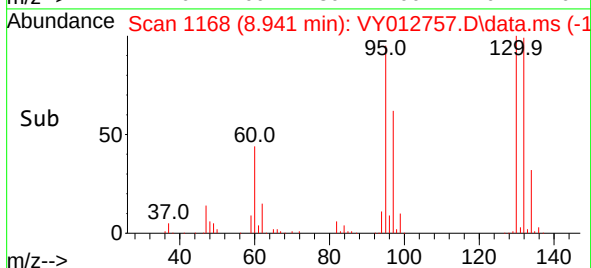
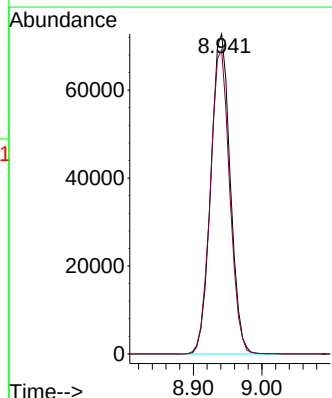
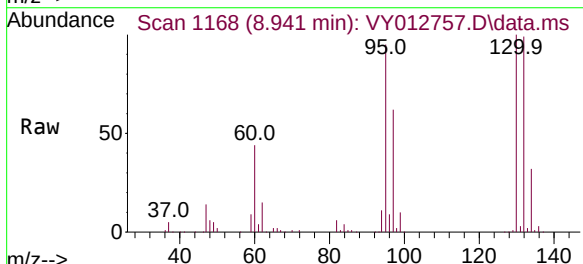
Acq: 02 Mar 2023 13:47

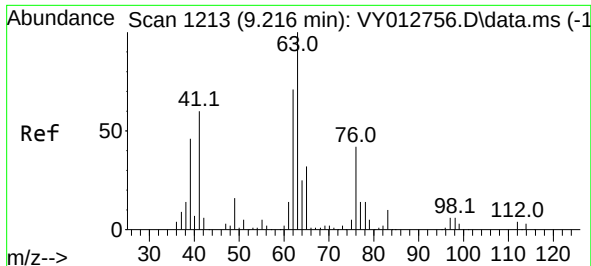
Tgt Ion:130 Resp: 142714

Ion Ratio Lower Upper

130 100

95 95.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 98.089 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

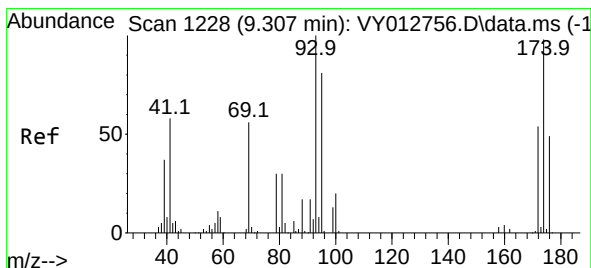
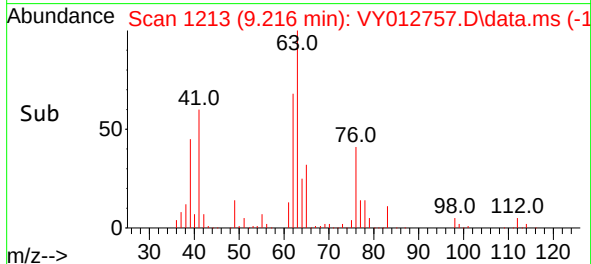
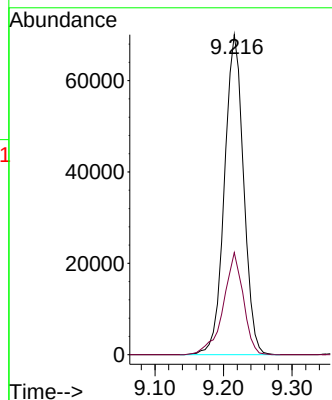
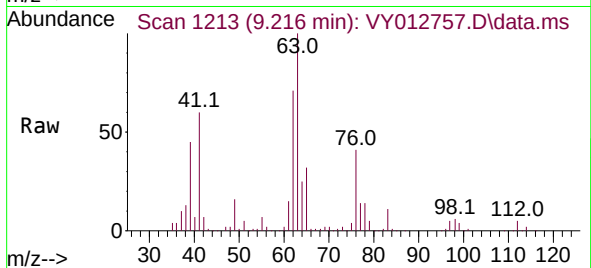
VSTDICC100

Tgt Ion: 63 Resp: 135702

Ion Ratio Lower Upper

63 100

65 31.9 25.7 38.5



#46

Dibromomethane

Concen: 96.390 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

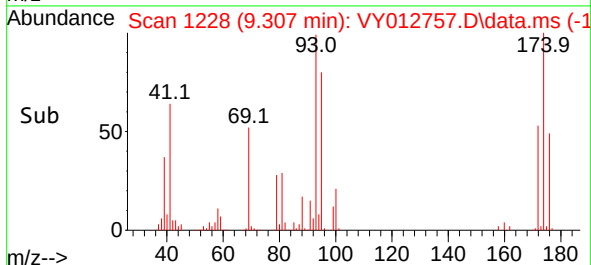
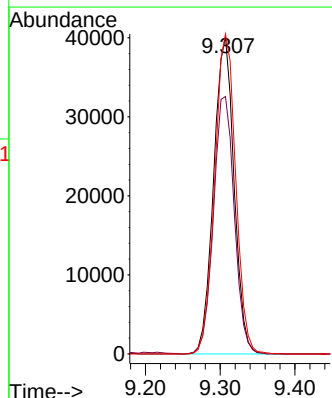
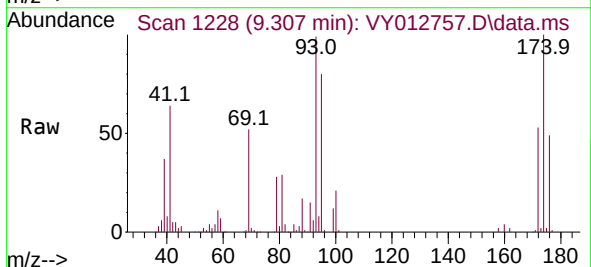
Tgt Ion: 93 Resp: 75971

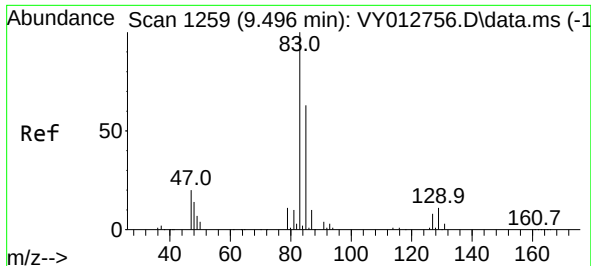
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 103.6 81.3 121.9

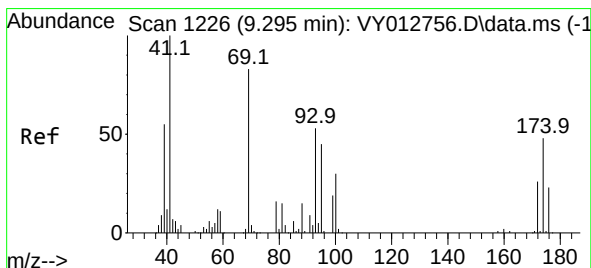
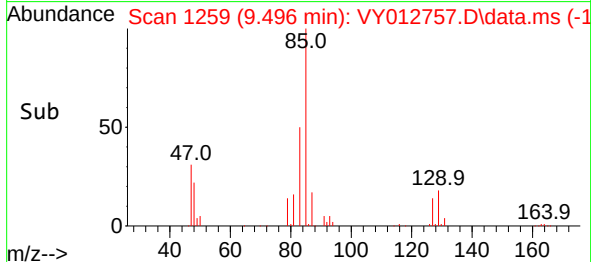
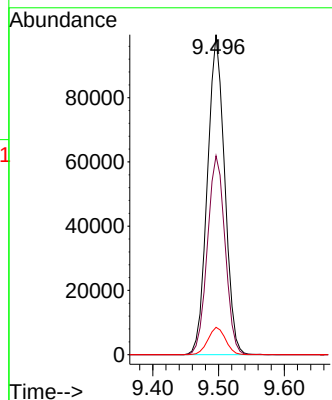
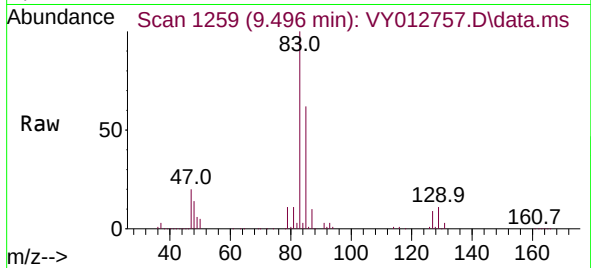




#47
Bromodichloromethane
Concen: 97.760 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

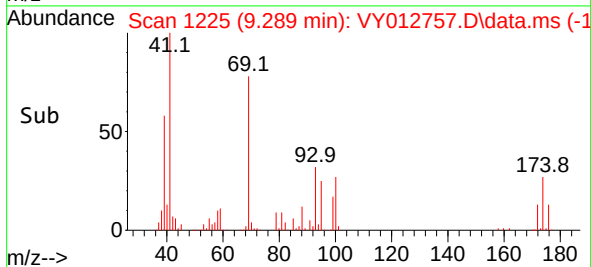
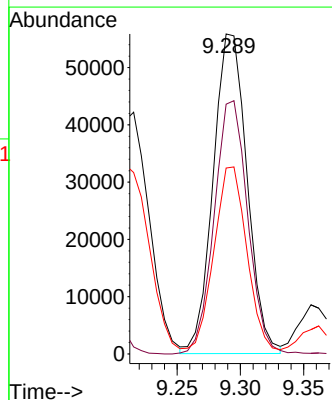
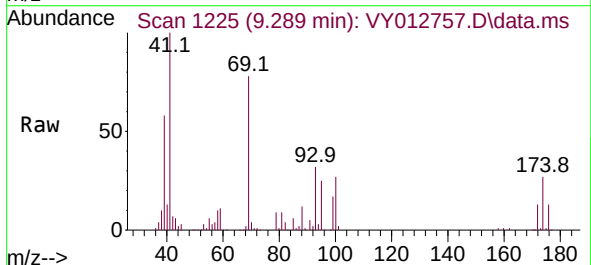
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

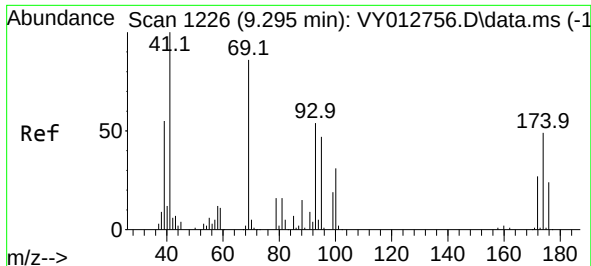
Tgt Ion: 83 Resp: 181571
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 103.911 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 41 Resp: 104192
Ion Ratio Lower Upper
41 100
69 78.4 64.1 96.1
39 54.8 44.0 66.0





#49

1,4-Dioxane

Concen: 2006.592 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

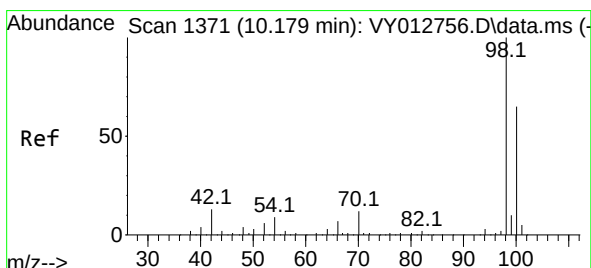
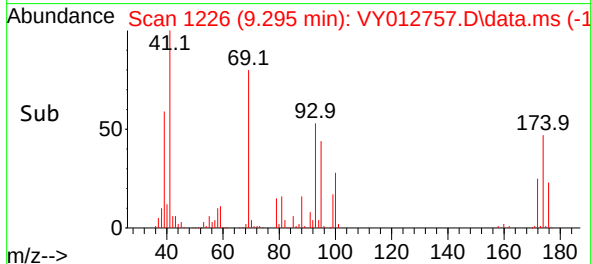
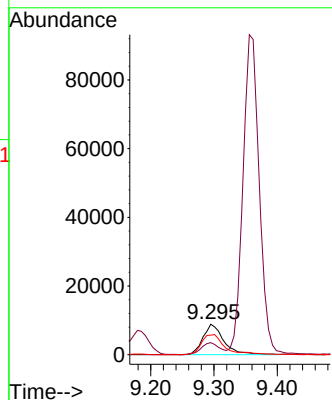
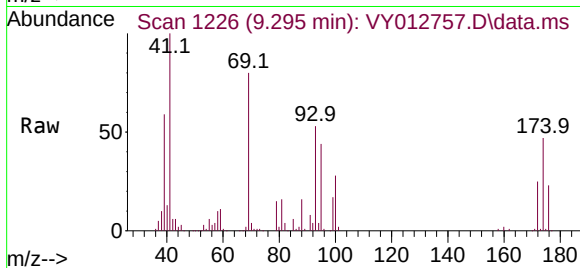
Tgt Ion: 88 Resp: 20445

Ion Ratio Lower Upper

88 100

43 35.1 28.6 42.8

58 74.0 55.2 82.8



#50

Toluene-d8

Concen: 95.878 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012757.D

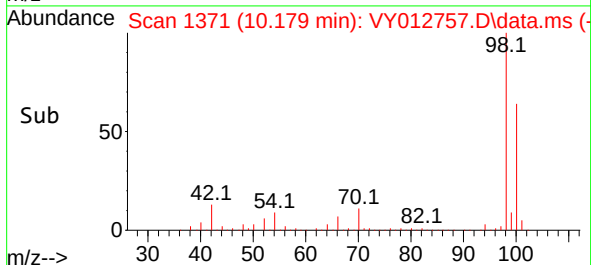
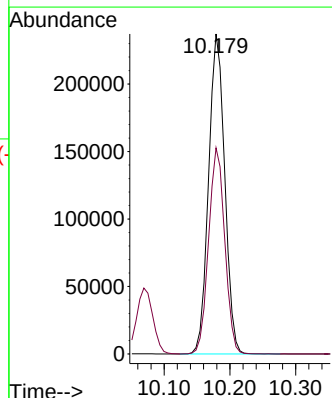
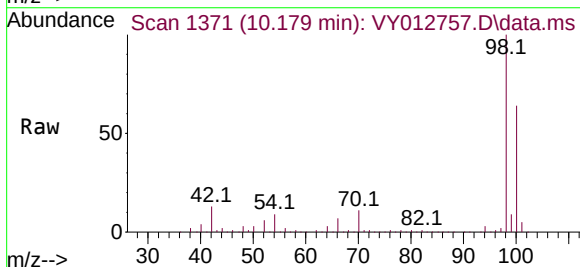
Acq: 02 Mar 2023 13:47

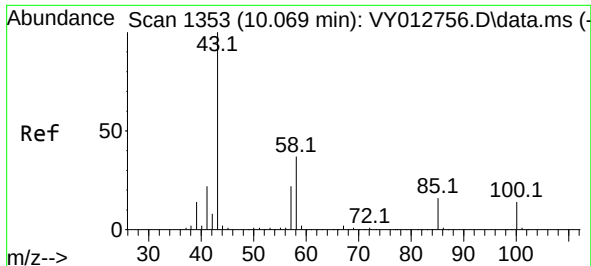
Tgt Ion: 98 Resp: 404772

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 495.758 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

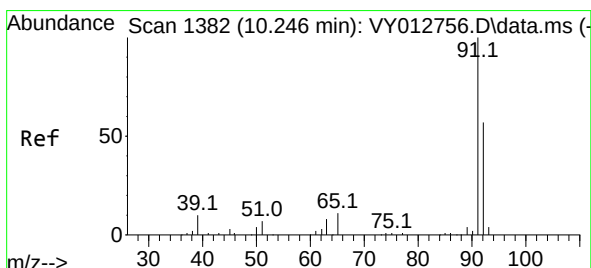
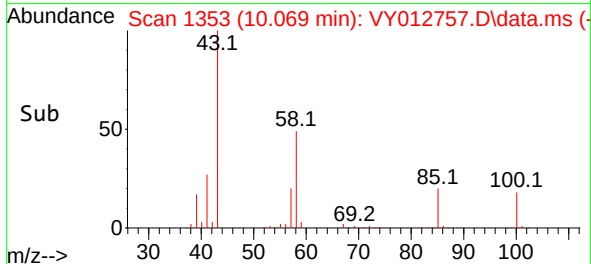
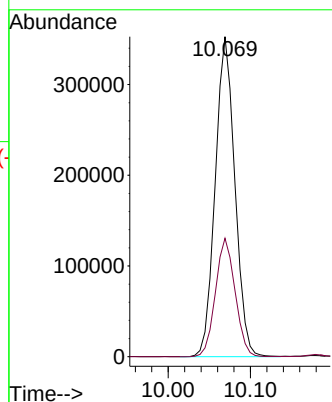
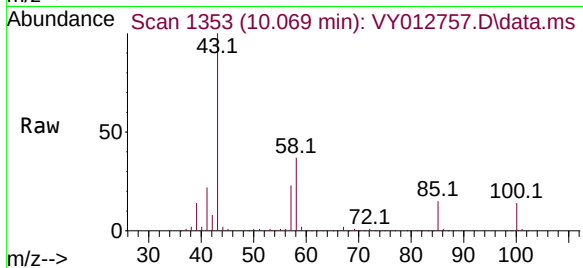
VSTDICC100

Tgt Ion: 43 Resp: 585200

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



#52

Toluene

Concen: 99.888 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012757.D

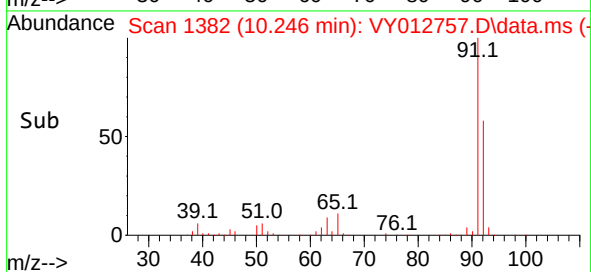
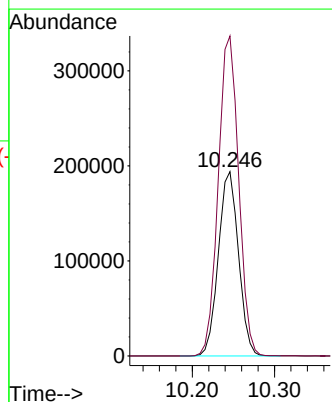
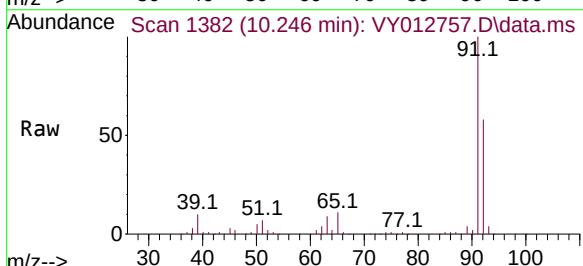
Acq: 02 Mar 2023 13:47

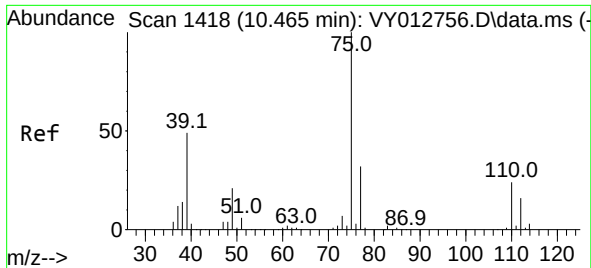
Tgt Ion: 92 Resp: 329767

Ion Ratio Lower Upper

92 100

91 176.1 141.3 211.9

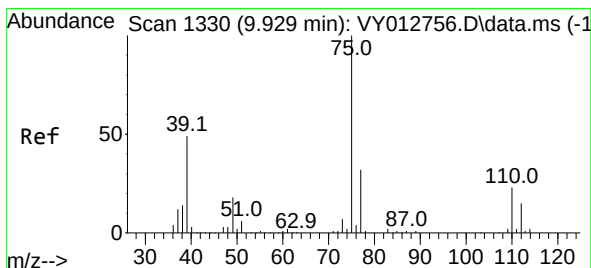
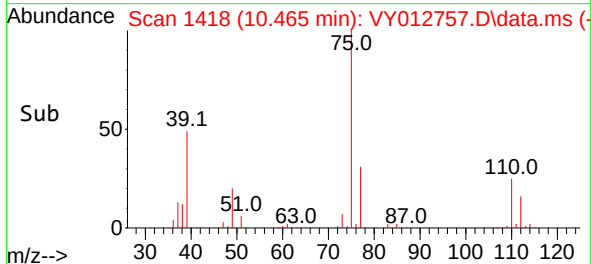
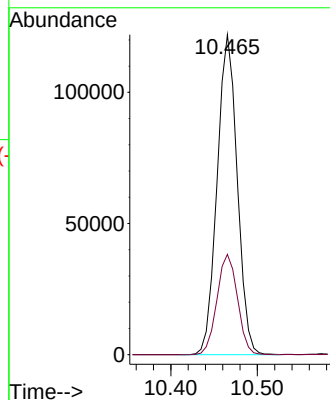
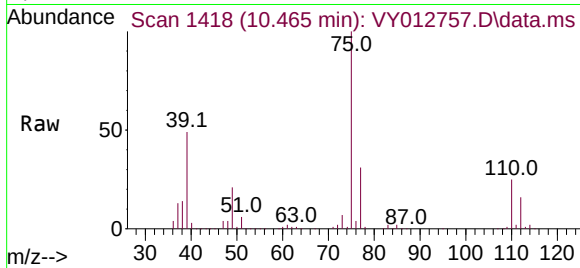




#53
t-1,3-Dichloropropene
Concen: 100.899 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

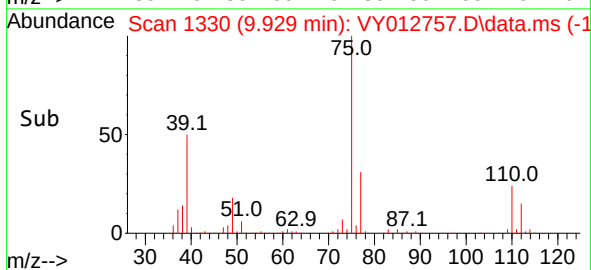
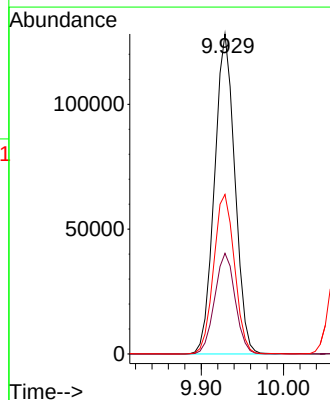
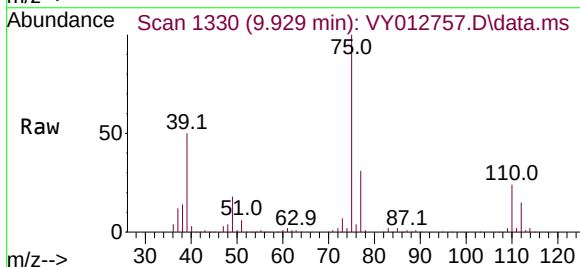
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

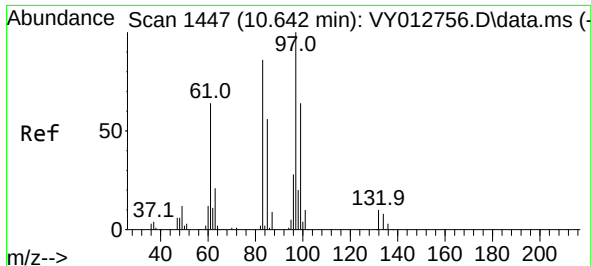
Tgt Ion: 75 Resp: 196566
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 100.016 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 75 Resp: 220540
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 49.9 39.0 58.4

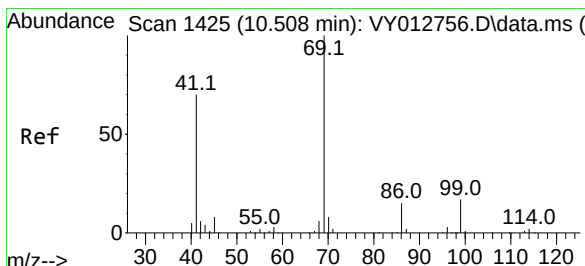
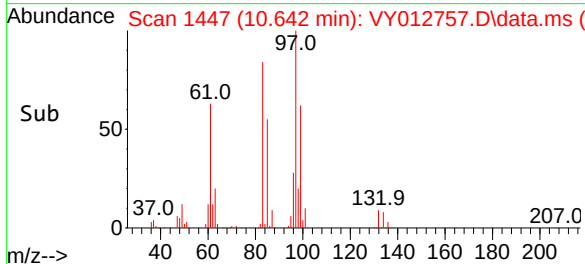
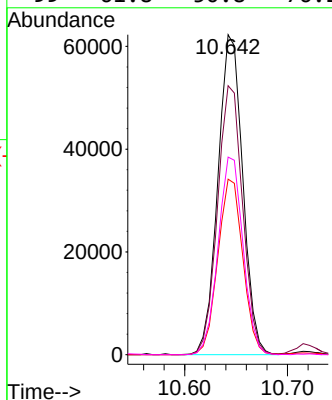
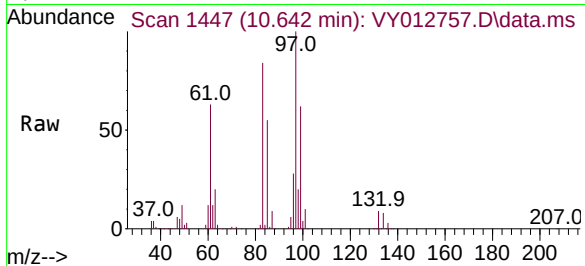




#55
1,1,2-Trichloroethane
Concen: 95.172 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

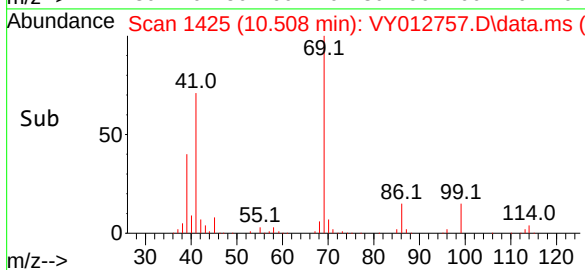
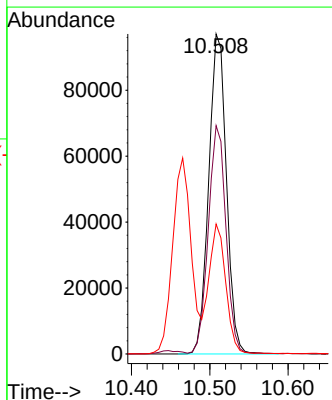
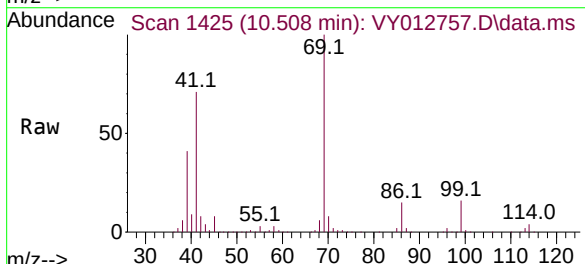
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

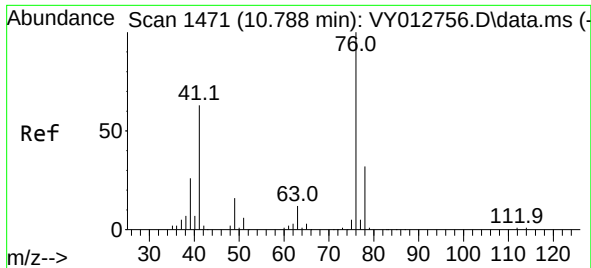
Tgt Ion:	97	Resp:	104464
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.0	103.6
85	54.8	44.9	67.3
99	61.8	50.8	76.2



#56
Ethyl methacrylate
Concen: 103.893 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:	69	Resp:	152054
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.4	84.6
39	38.0	30.8	46.2

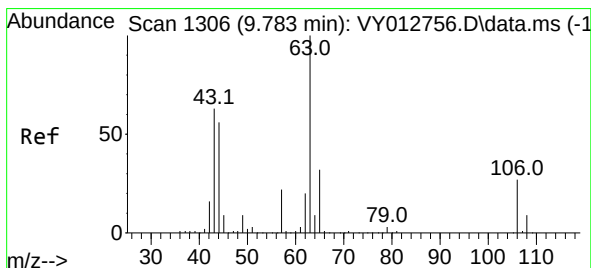
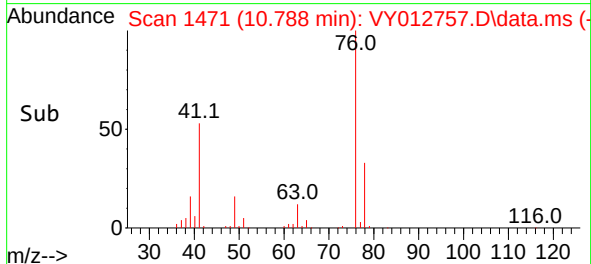
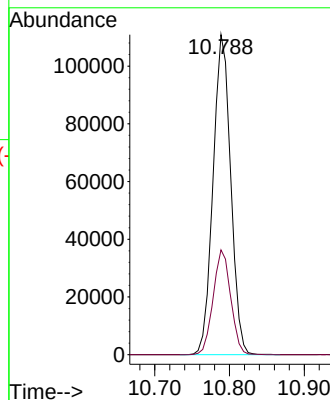
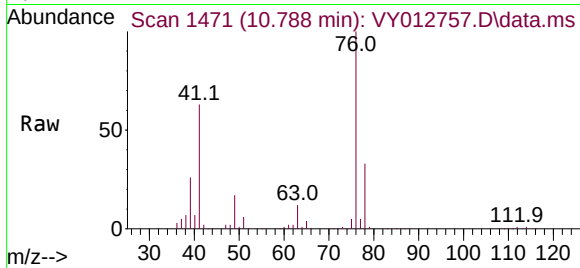




#57
1,3-Dichloropropane
Concen: 97.542 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

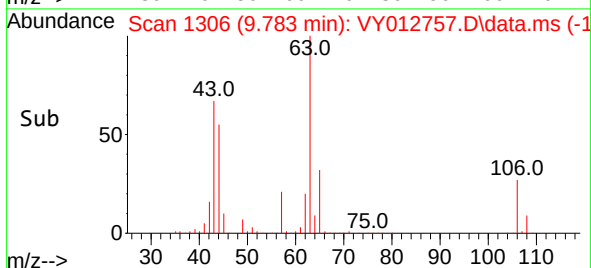
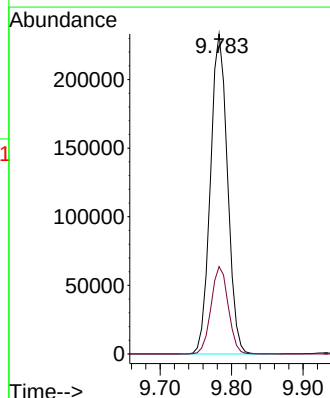
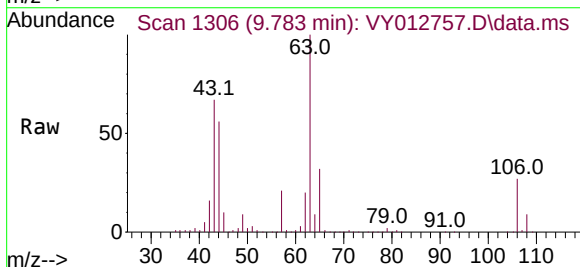
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

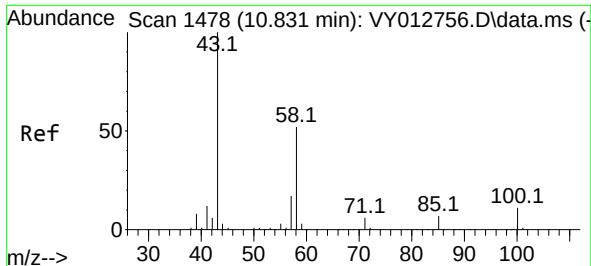
Tgt Ion: 76 Resp: 182359
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 503.757 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 63 Resp: 387043
Ion Ratio Lower Upper
63 100
106 27.3 22.1 33.1

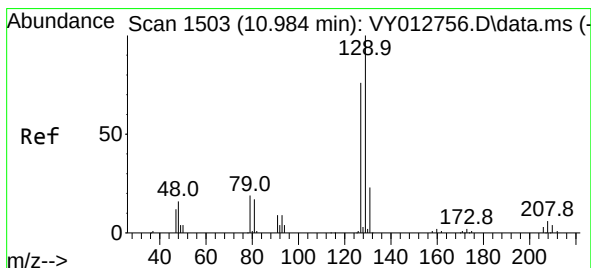
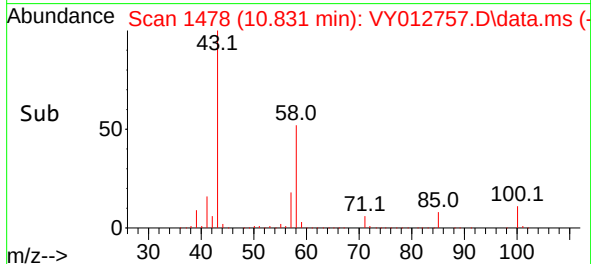
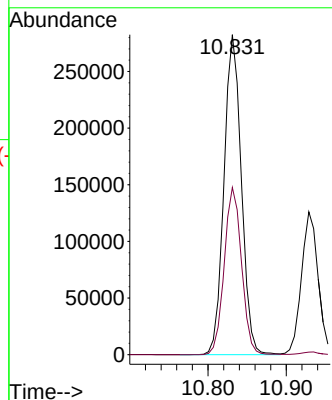
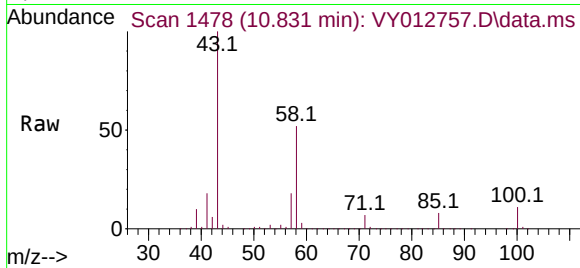




#59
2-Hexanone
Concen: 508.151 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

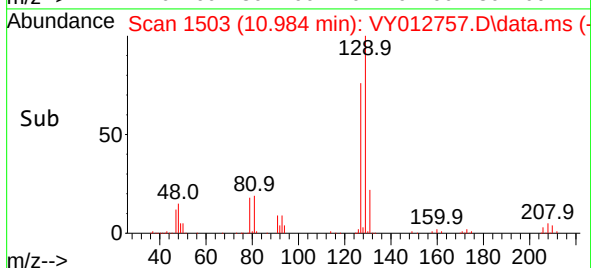
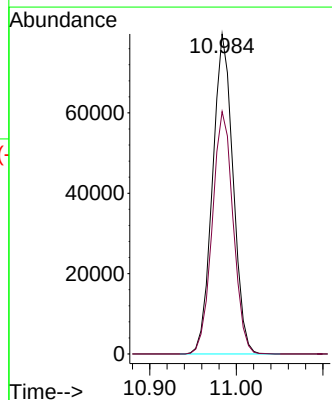
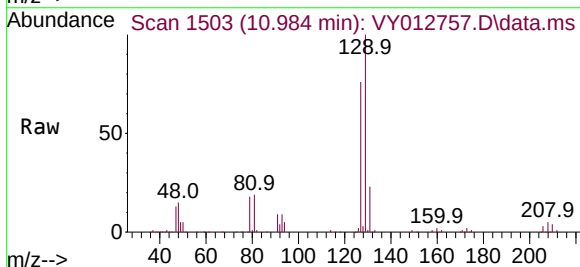
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

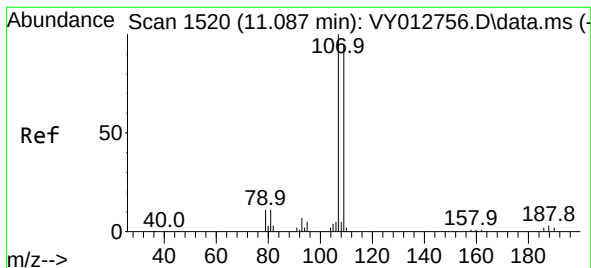
Tgt Ion: 43 Resp: 435945
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 98.082 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 129 Resp: 131049
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 95.684 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

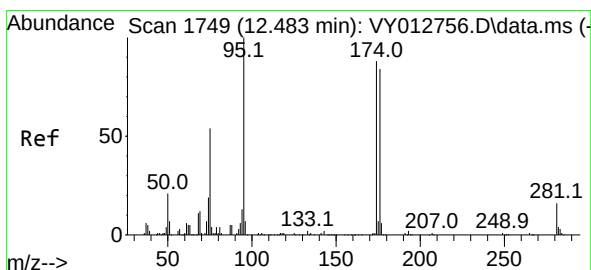
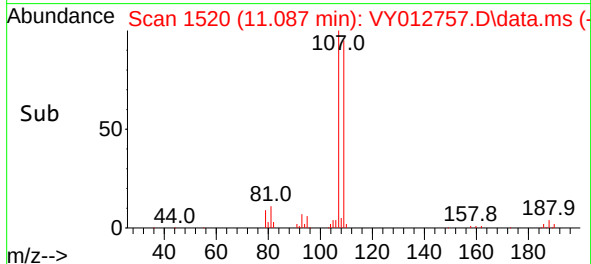
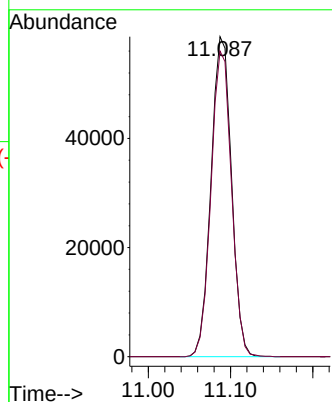
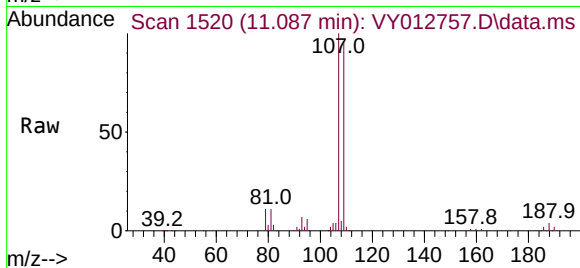
VSTDIC100

Tgt Ion:107 Resp: 101170

Ion Ratio Lower Upper

107 100

109 95.7 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 97.121 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

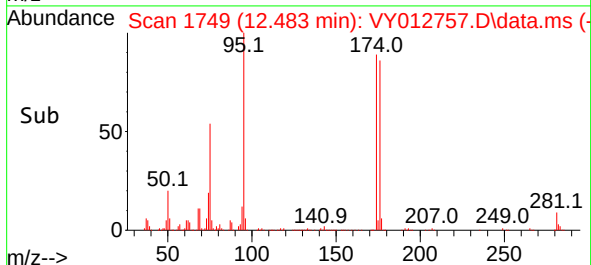
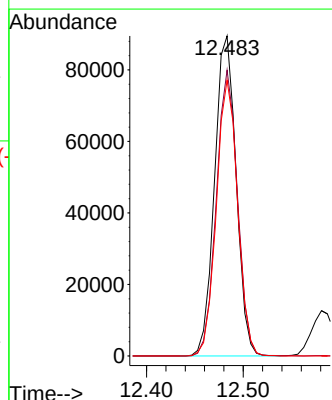
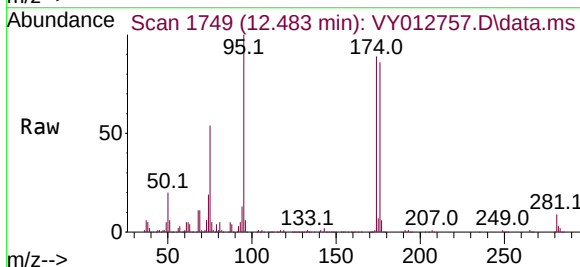
Tgt Ion: 95 Resp: 138391

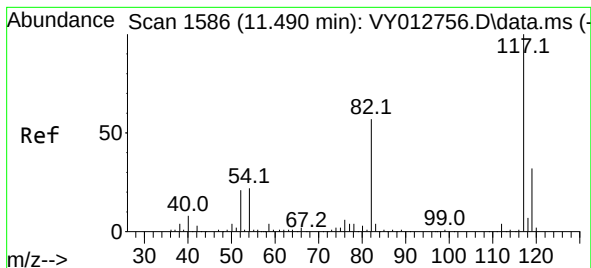
Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.6

176 84.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

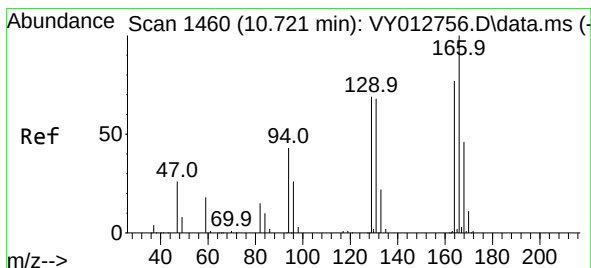
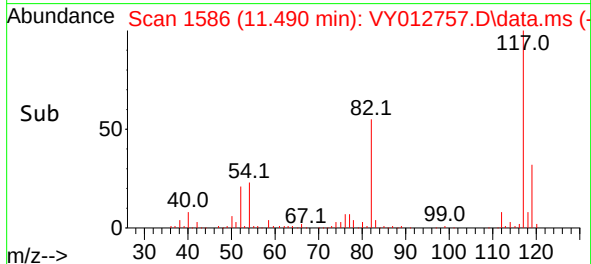
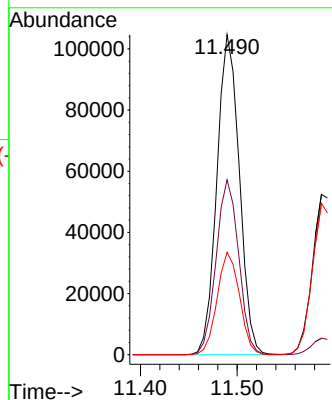
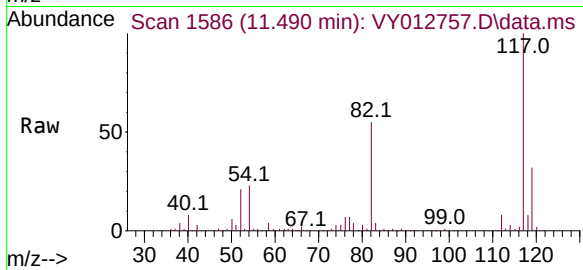
Tgt Ion:117 Resp: 168720

Ion Ratio Lower Upper

117 100

82 54.7 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 97.627 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Tgt Ion:164 Resp: 119926

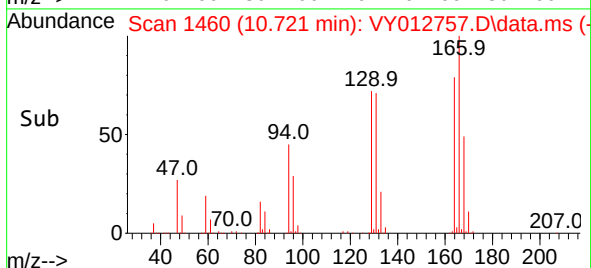
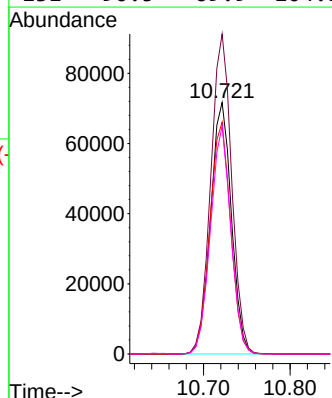
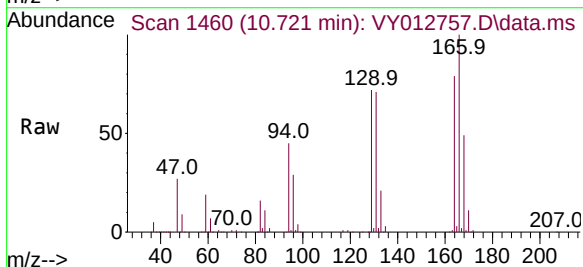
Ion Ratio Lower Upper

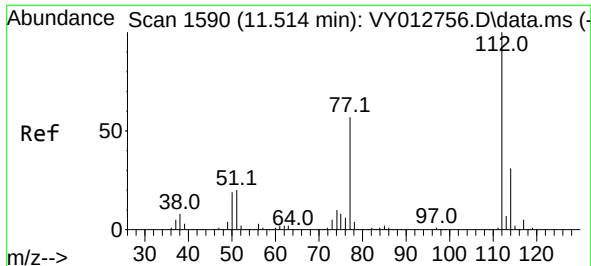
164 100

166 127.2 103.4 155.2

129 92.2 71.4 107.2

131 90.5 69.9 104.9

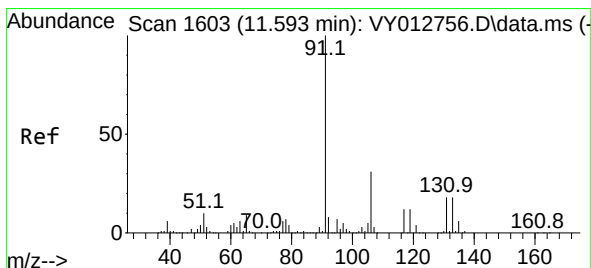
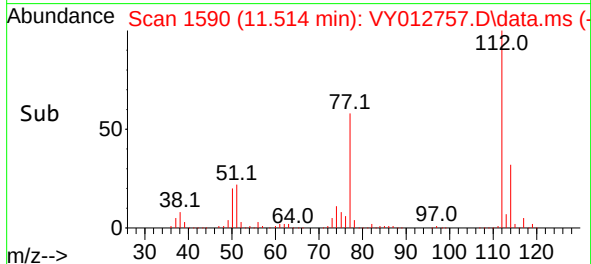
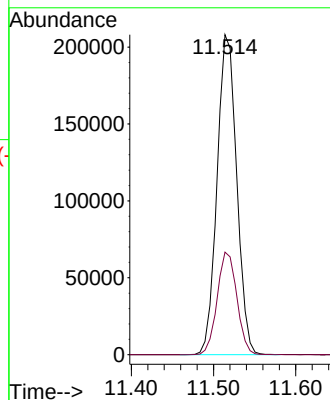
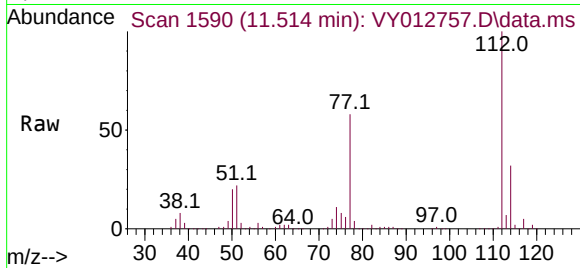




#65
Chlorobenzene
Concen: 97.496 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

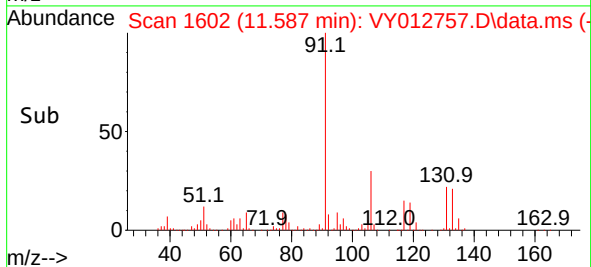
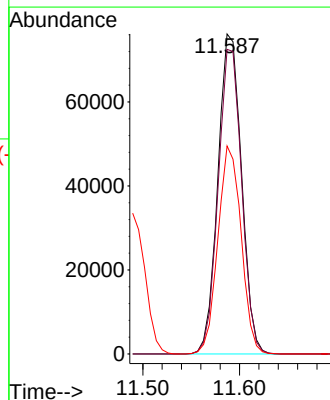
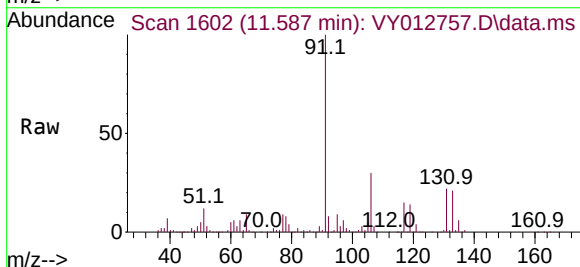
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

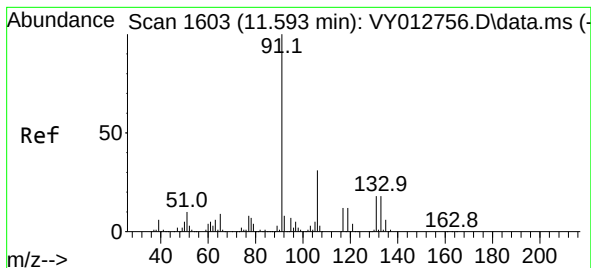
Tgt Ion:112 Resp: 345237
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 98.444 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:131 Resp: 128990
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 64.0 32.6 98.0





#67

Ethyl Benzene

Concen: 101.884 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

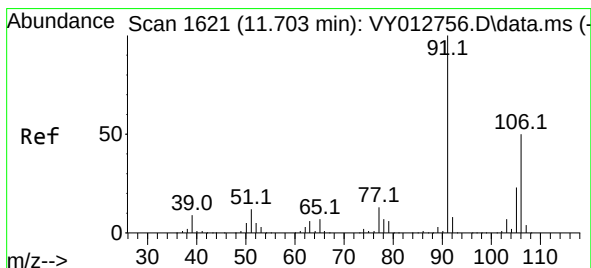
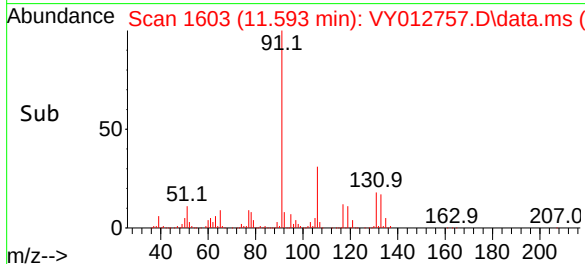
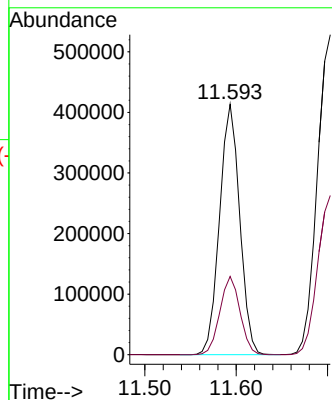
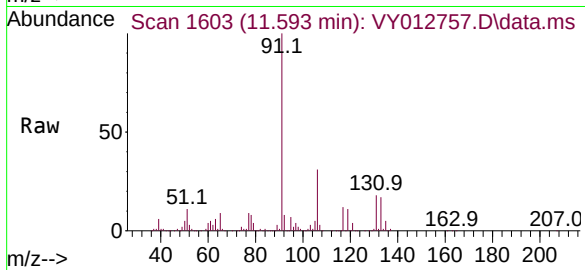
VSTDIC100

Tgt Ion: 91 Resp: 634297

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 201.054 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012757.D

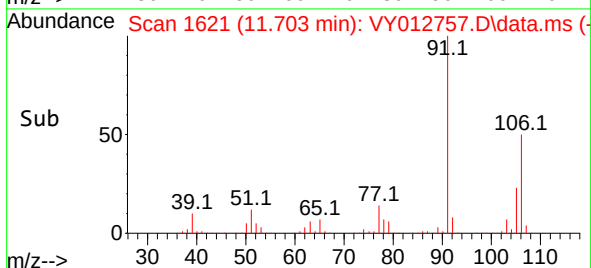
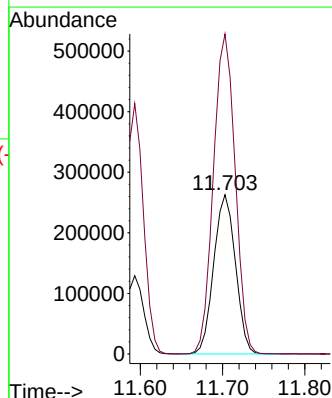
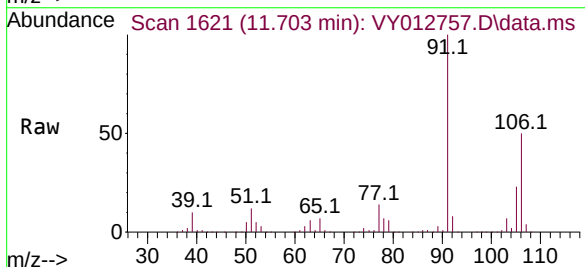
Acq: 02 Mar 2023 13:47

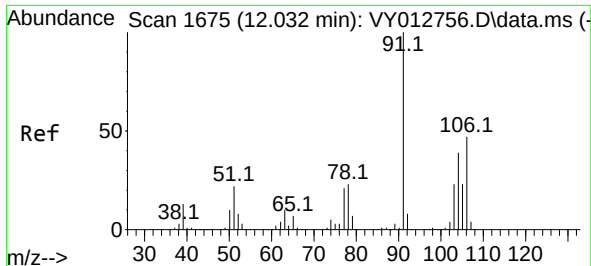
Tgt Ion: 106 Resp: 481522

Ion Ratio Lower Upper

106 100

91 201.6 159.8 239.8

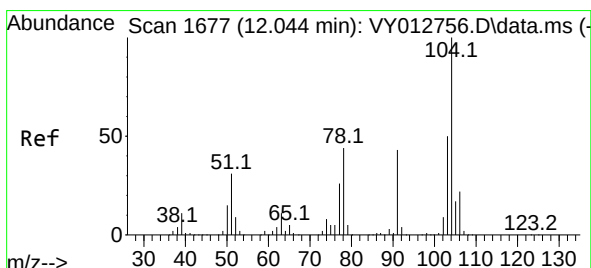
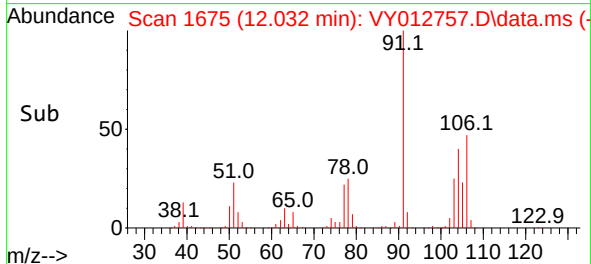
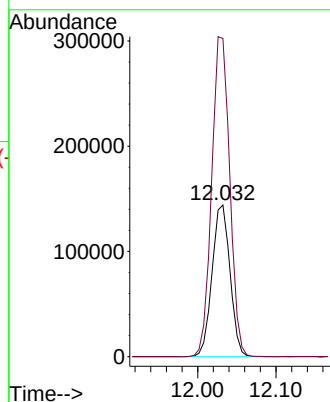
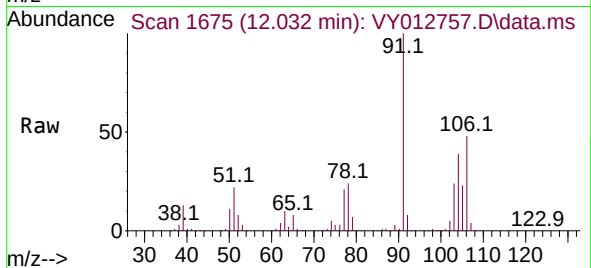




#69
o-Xylene
Concen: 102.573 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

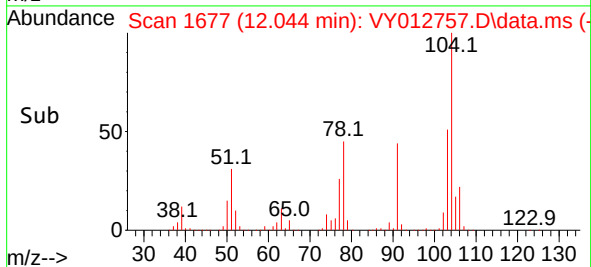
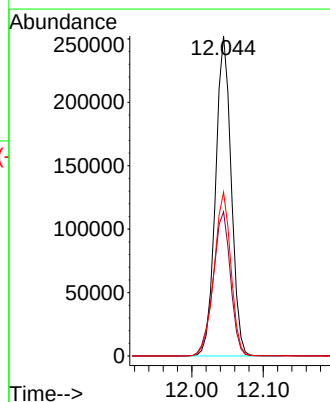
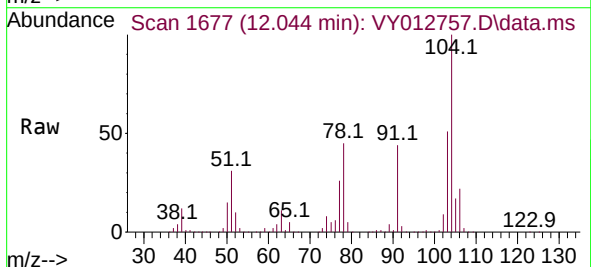
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

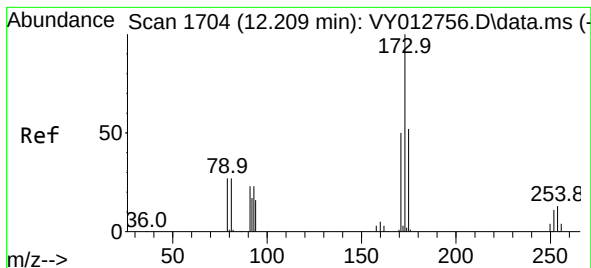
Tgt Ion:106 Resp: 229272
Ion Ratio Lower Upper
106 100
91 212.4 107.2 321.6



#70
Styrene
Concen: 102.751 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:104 Resp: 383269
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 97.901 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

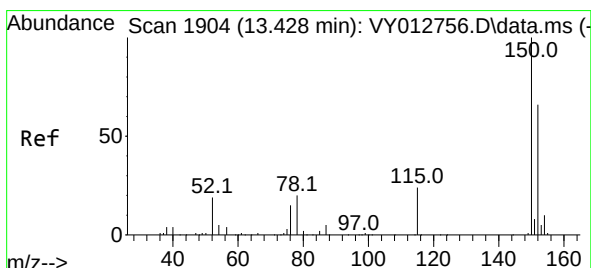
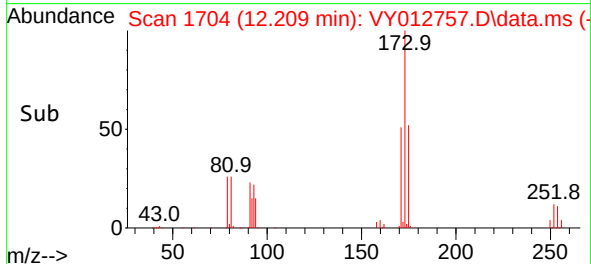
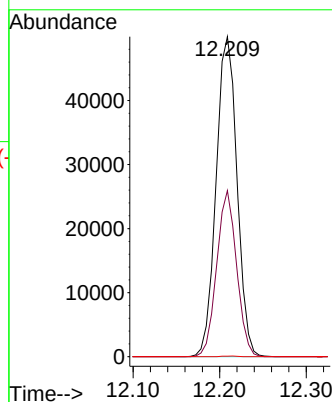
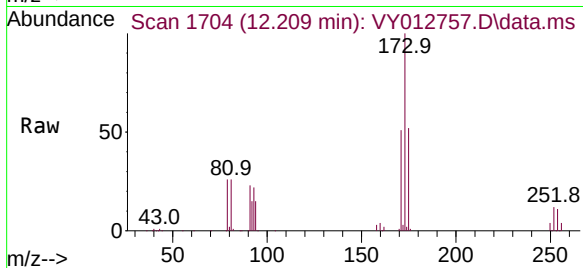
Tgt Ion:173 Resp: 83638

Ion Ratio Lower Upper

173 100

175 49.4 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

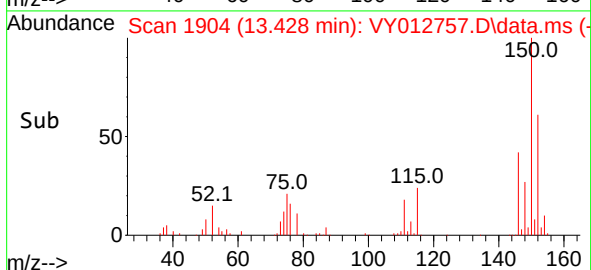
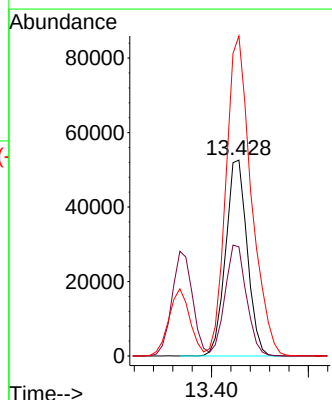
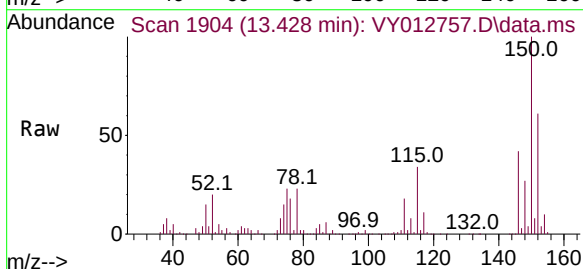
Tgt Ion:152 Resp: 81460

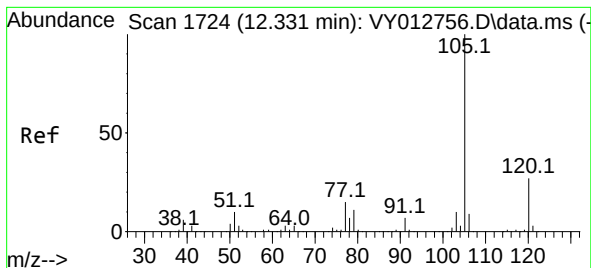
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 192.0 0.0 347.8





#73

Isopropylbenzene

Concen: 104.898 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

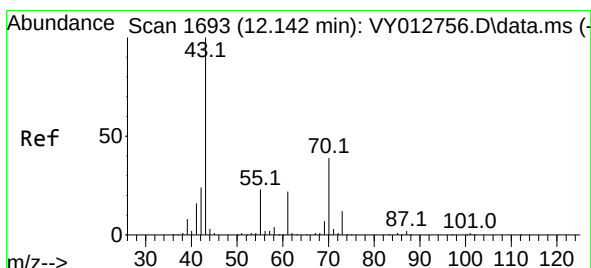
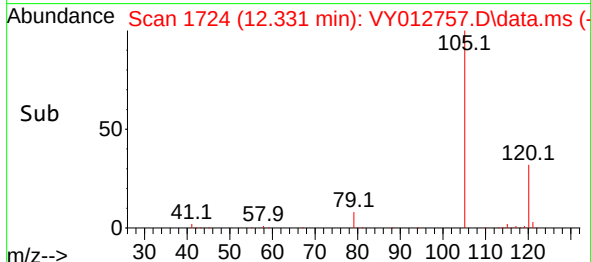
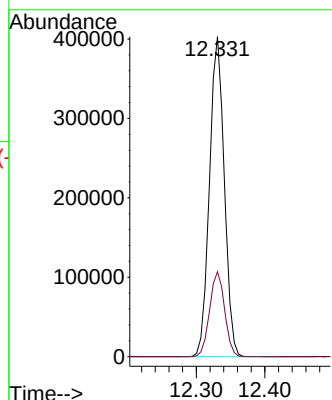
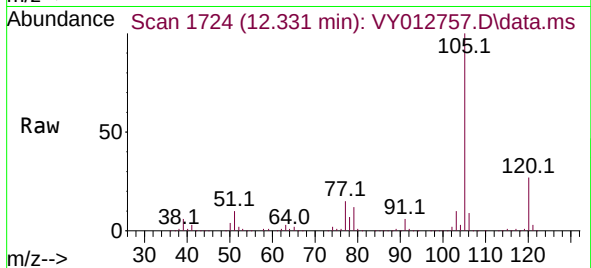
VSTDICC100

Tgt Ion:105 Resp: 605591

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 105.175 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Tgt Ion: 43 Resp: 191045

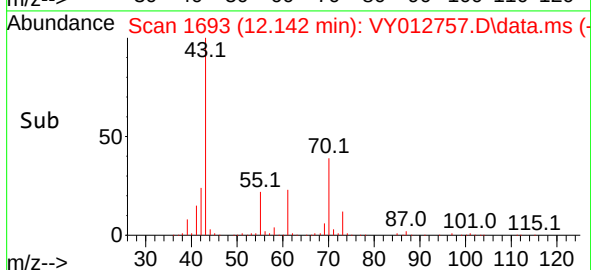
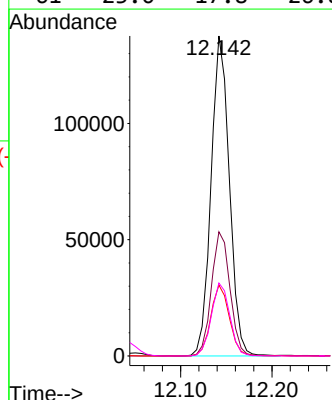
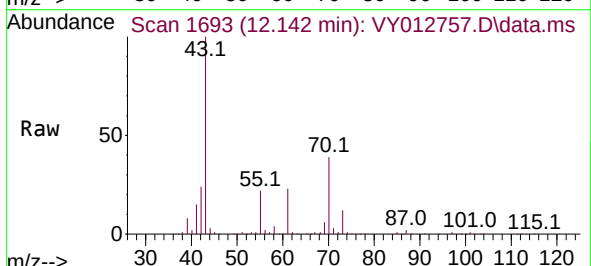
Ion Ratio Lower Upper

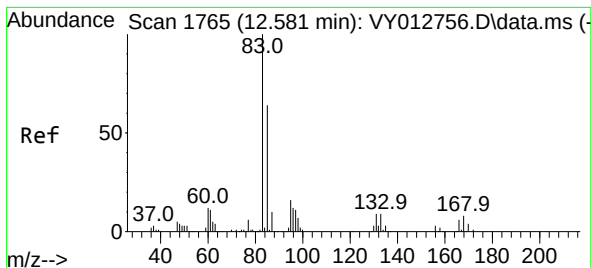
43 100

70 39.4 31.6 47.4

55 22.5 18.8 28.2

61 23.0 17.8 26.8

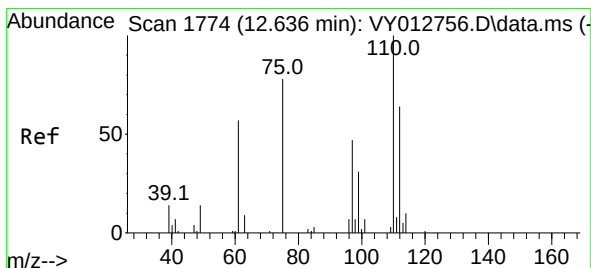
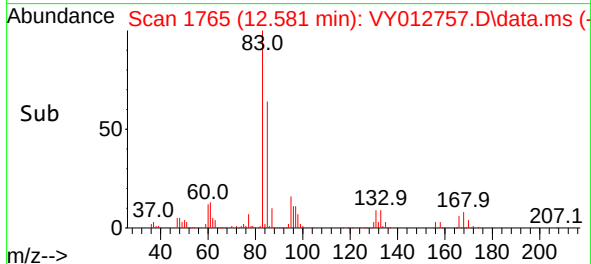
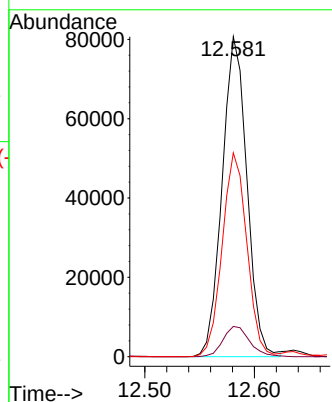
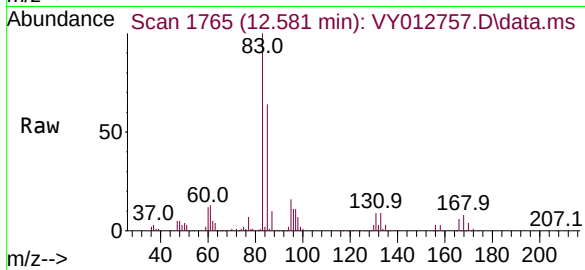




#75
1,1,2,2-Tetrachloroethane
Concen: 97.748 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

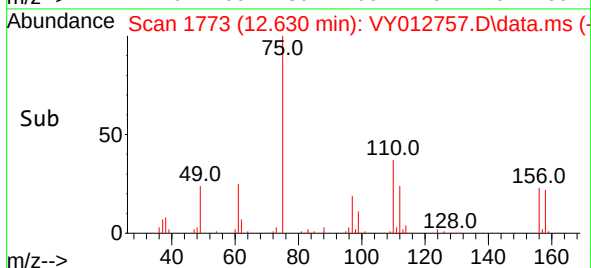
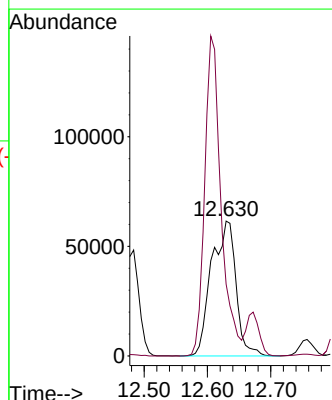
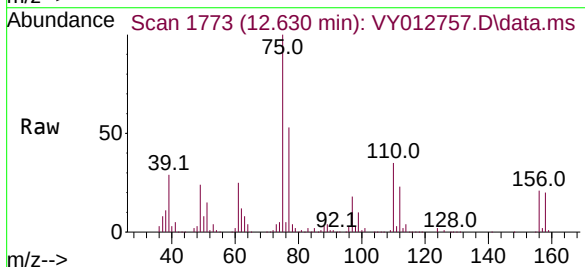
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

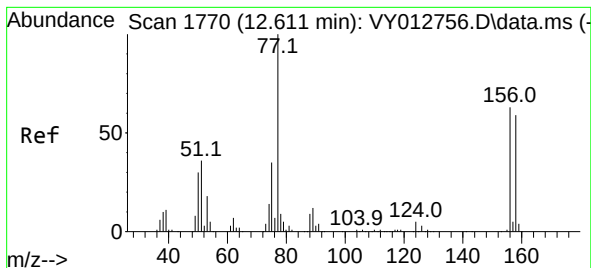
Tgt Ion: 83 Resp: 126853
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 63.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 170.100 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 75 Resp: 165467
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.757 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

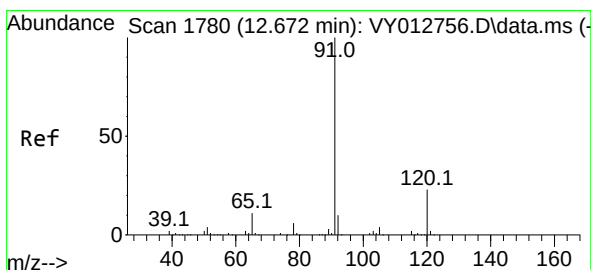
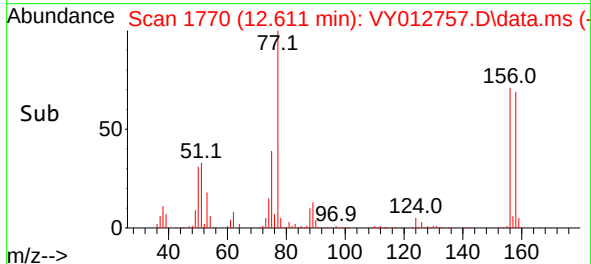
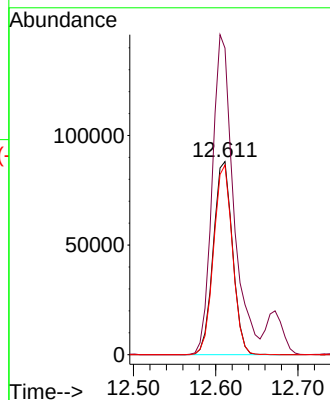
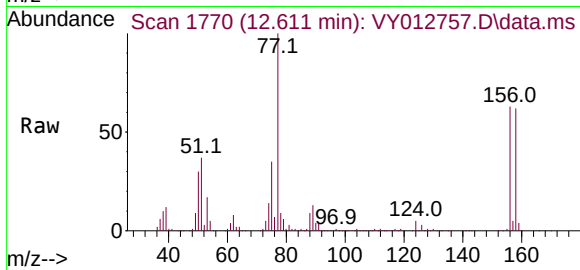
Tgt Ion:156 Resp: 142712

Ion Ratio Lower Upper

156 100

77 184.3 94.0 282.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 104.631 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012757.D

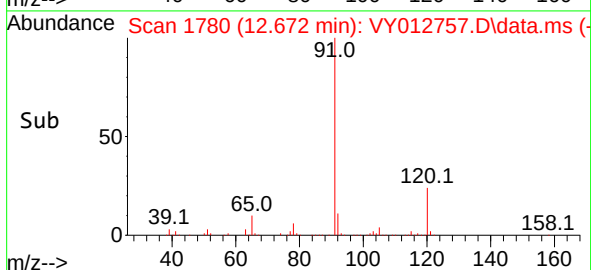
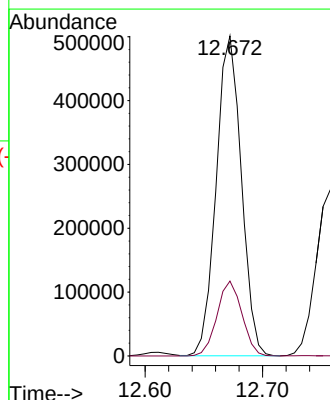
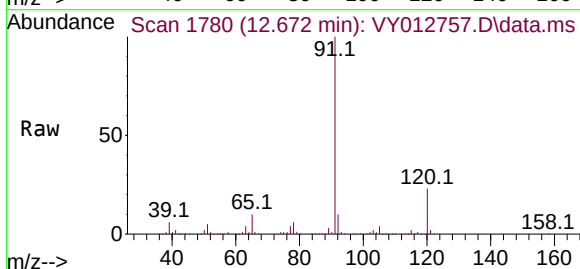
Acq: 02 Mar 2023 13:47

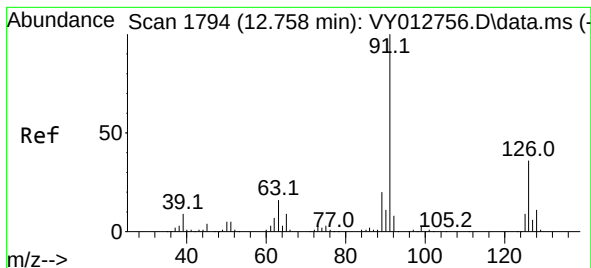
Tgt Ion: 91 Resp: 744725

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

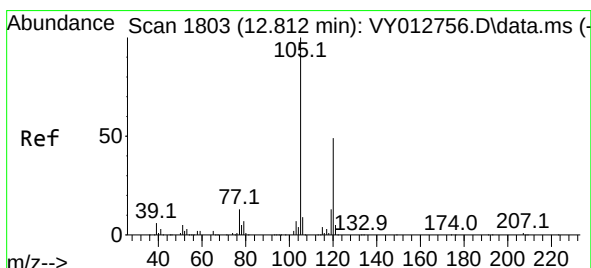
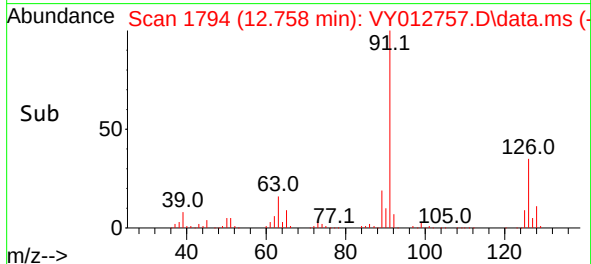
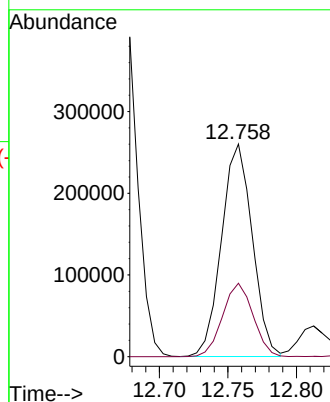
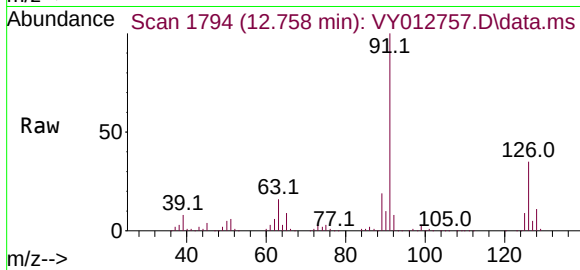




#79
2-Chlorotoluene
Concen: 102.766 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

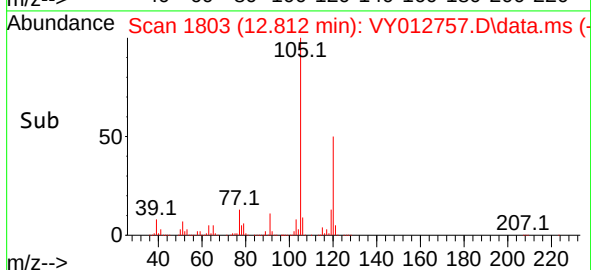
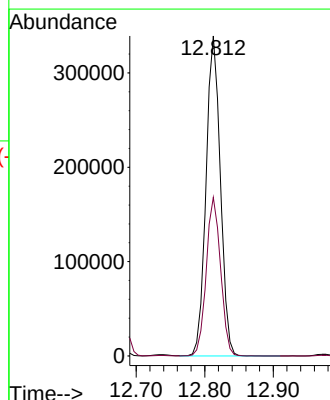
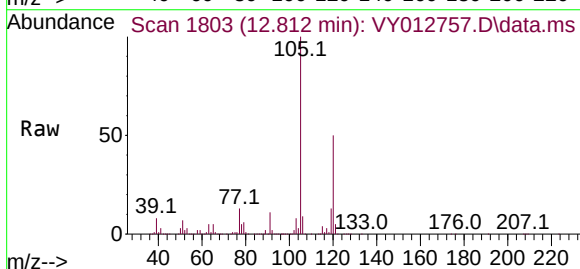
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

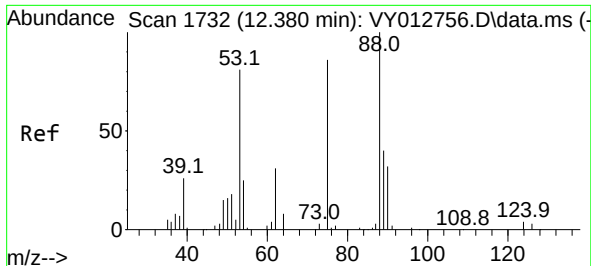
Tgt Ion: 91 Resp: 406527
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 103.845 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:105 Resp: 494753
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

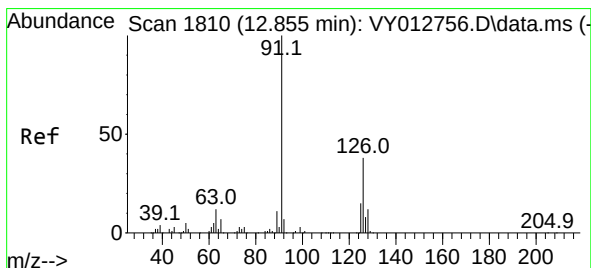
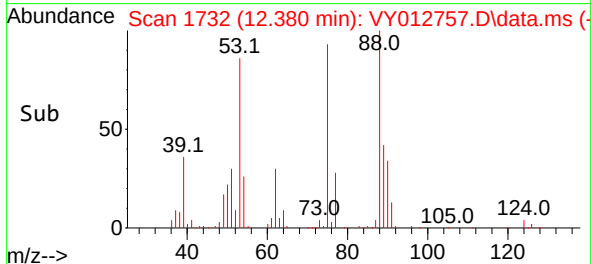
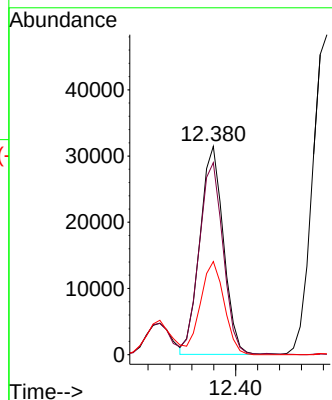
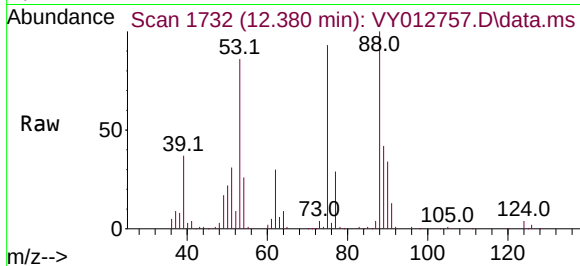




#81
trans-1,4-Dichloro-2-butene
Concen: 100.091 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

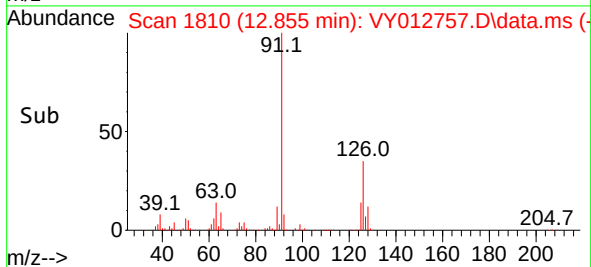
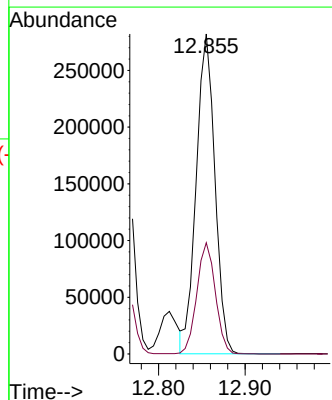
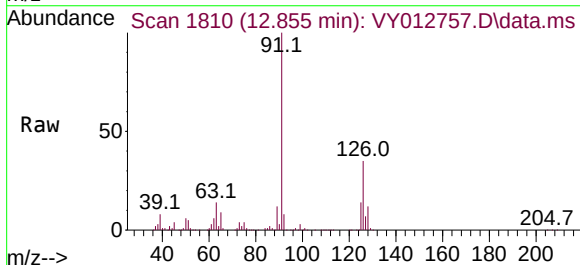
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

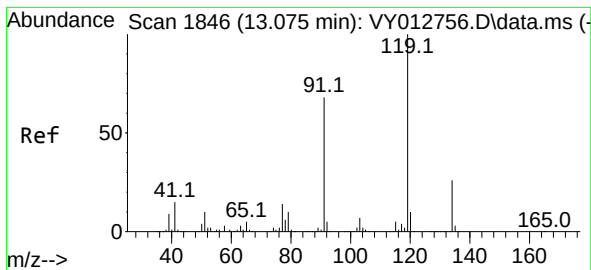
Tgt Ion: 75 Resp: 46990
Ion Ratio Lower Upper
75 100
53 93.1 73.4 110.0
89 44.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 103.072 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 91 Resp: 422073
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1

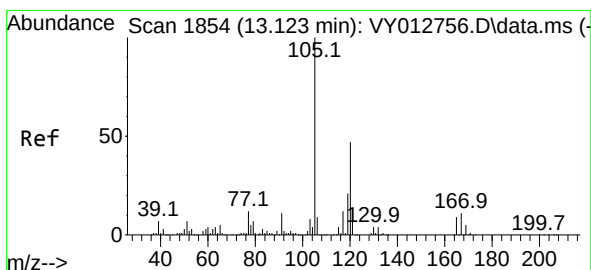
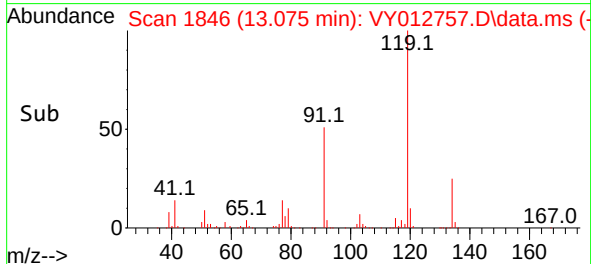
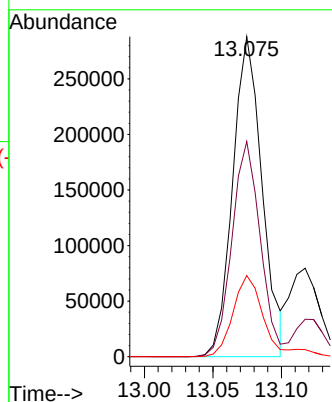
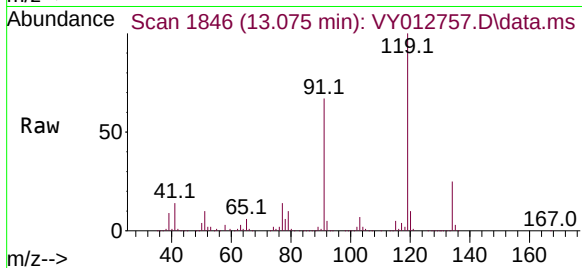




#83
tert-Butylbenzene
Concen: 104.622 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

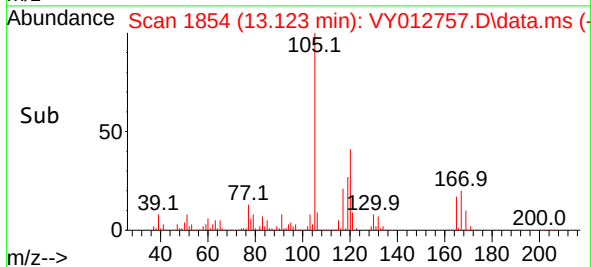
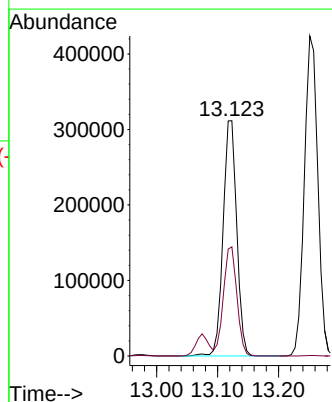
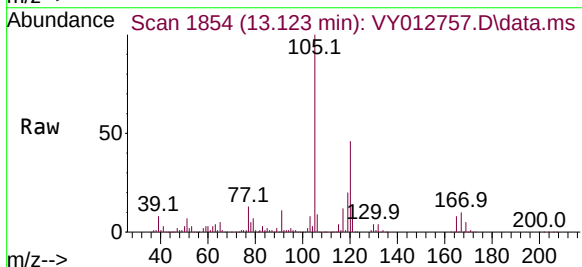
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

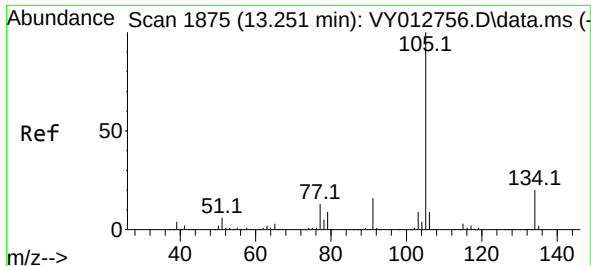
Tgt Ion:119 Resp: 430228
Ion Ratio Lower Upper
119 100
91 64.7 32.8 98.3
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 103.922 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion:105 Resp: 484153
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0

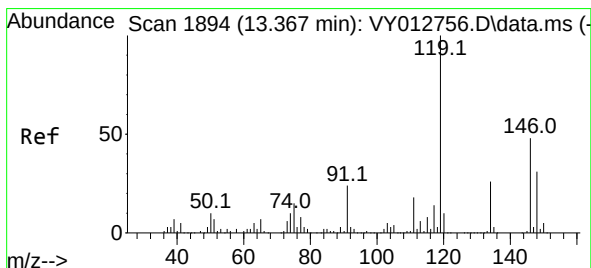
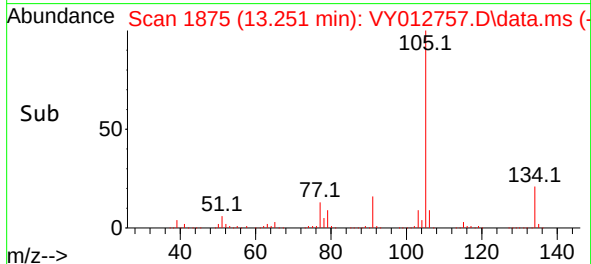
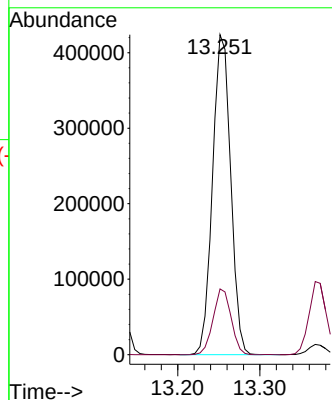
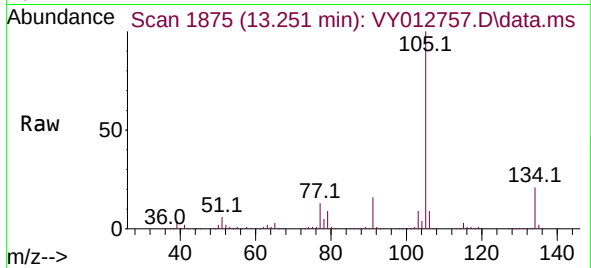




#85
 sec-Butylbenzene
 Concen: 103.433 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

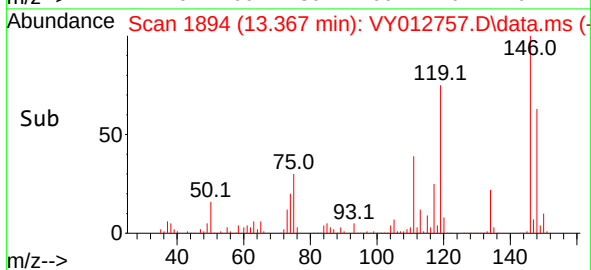
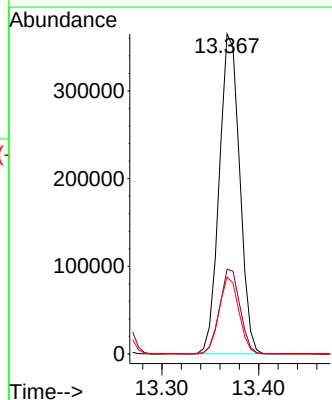
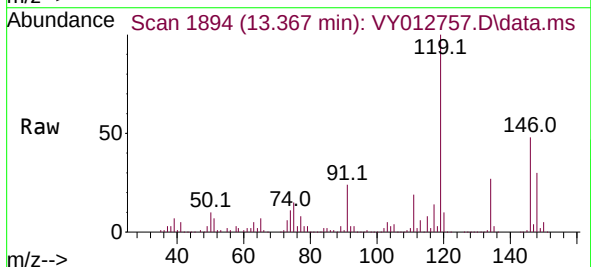
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

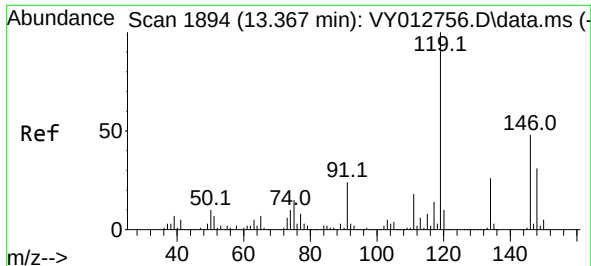
Tgt Ion:105 Resp: 648884
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 104.083 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012757.D
 Acq: 02 Mar 2023 13:47

Tgt Ion:119 Resp: 533657
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 99.514 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

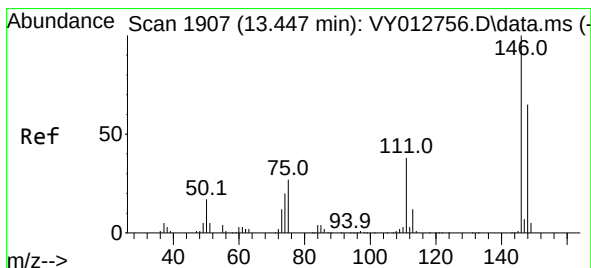
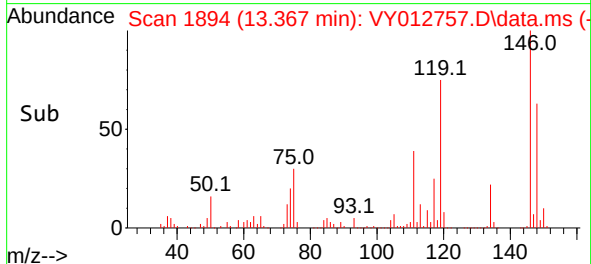
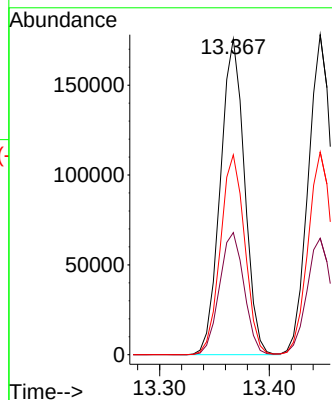
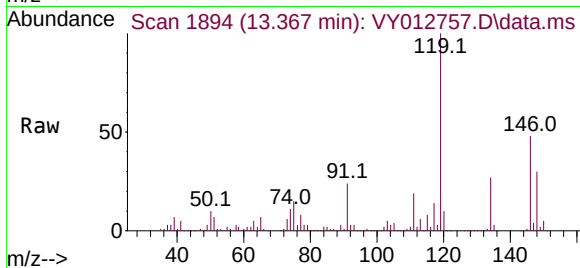
Tgt Ion:146 Resp: 269179

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 97.569 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

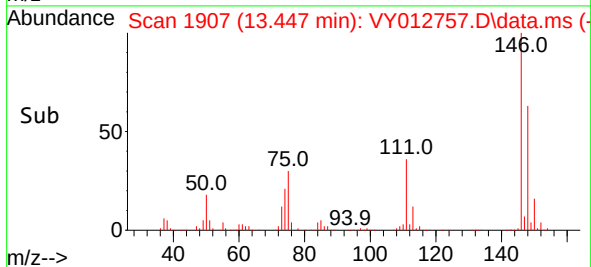
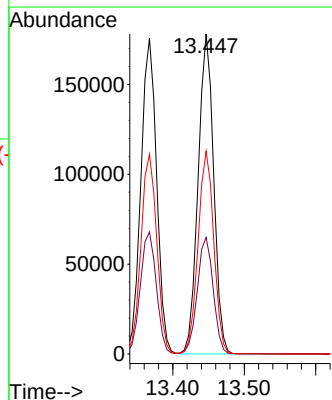
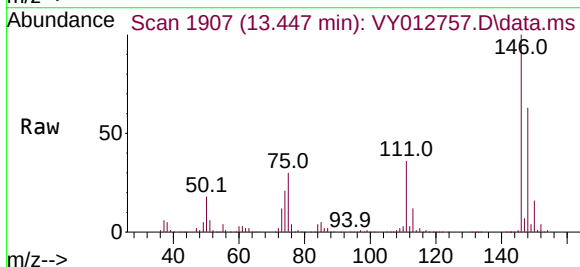
Tgt Ion:146 Resp: 269356

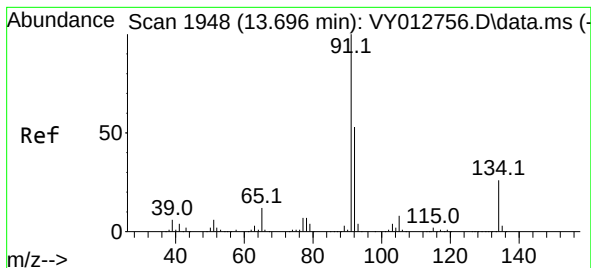
Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

148 64.1 31.5 94.5

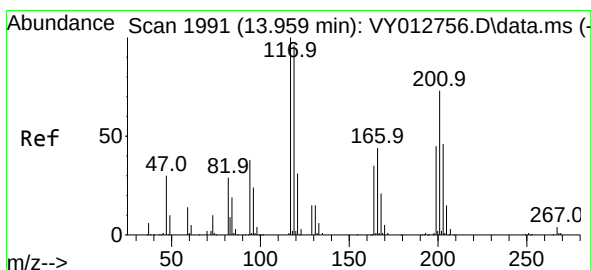
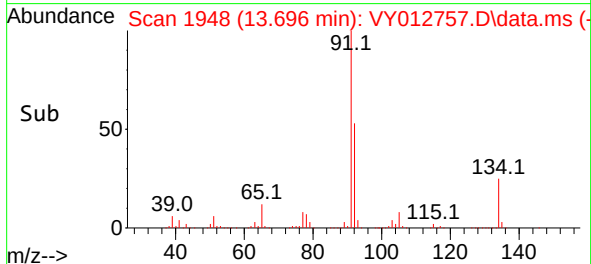
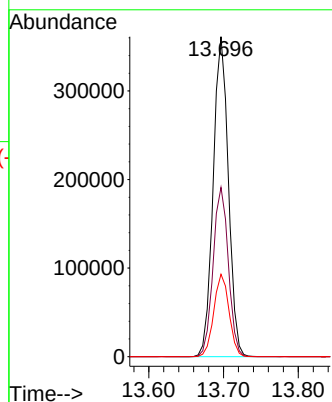
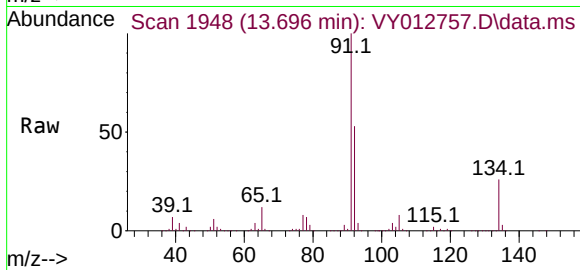




#89
n-Butylbenzene
Concen: 103.756 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

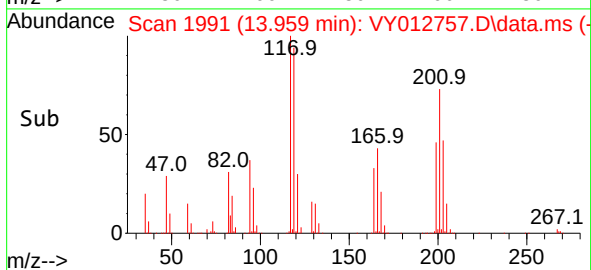
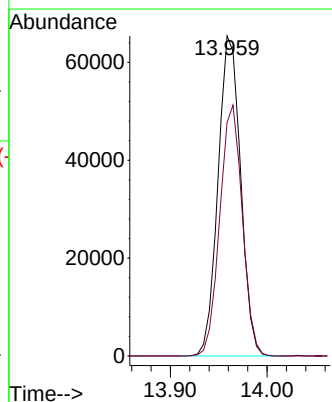
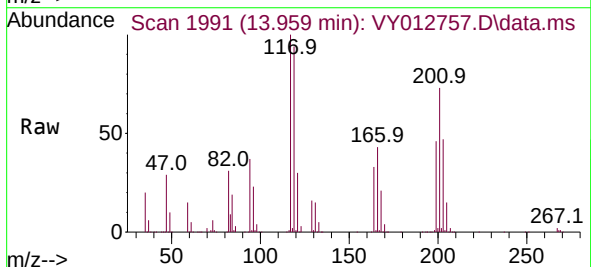
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

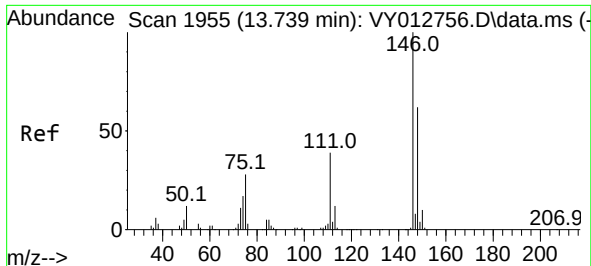
Tgt Ion: 91 Resp: 509272
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 99.124 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012757.D
Acq: 02 Mar 2023 13:47

Tgt Ion: 117 Resp: 105853
Ion Ratio Lower Upper
117 100
201 78.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 98.848 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

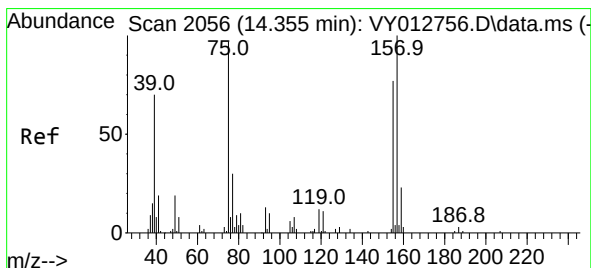
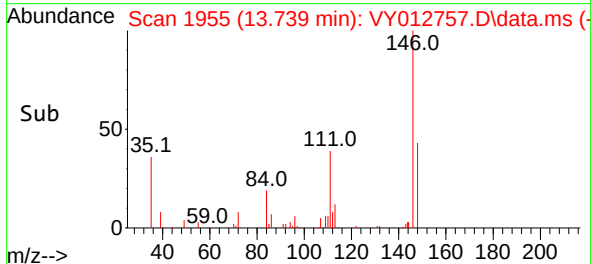
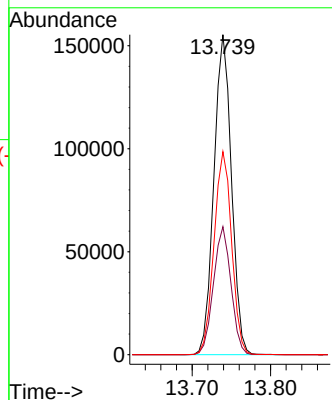
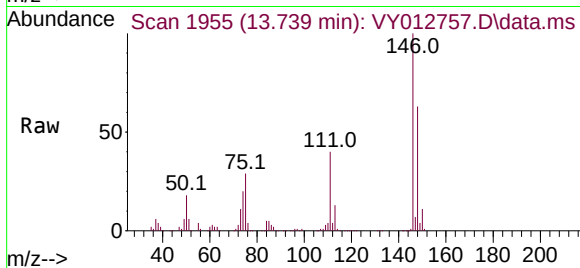
Tgt Ion:146 Resp: 241699

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.921 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

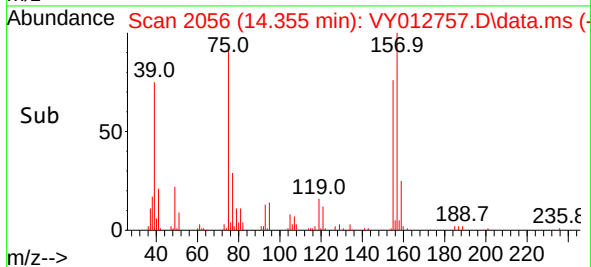
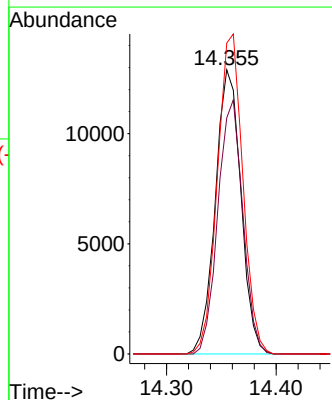
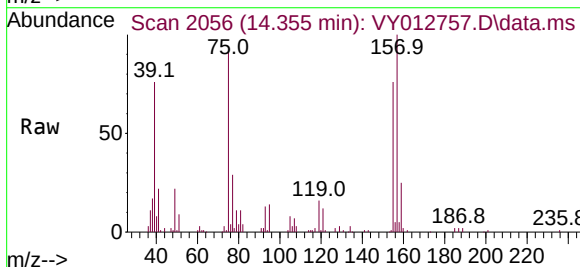
Tgt Ion: 75 Resp: 20957

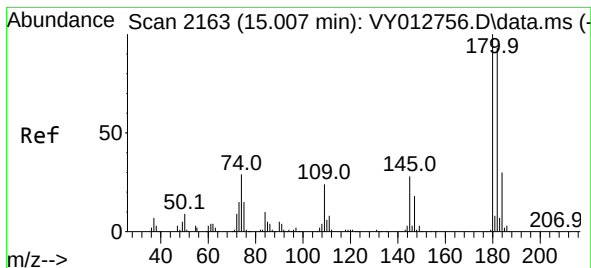
Ion Ratio Lower Upper

75 100

155 86.8 43.8 131.4

157 111.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 103.880 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

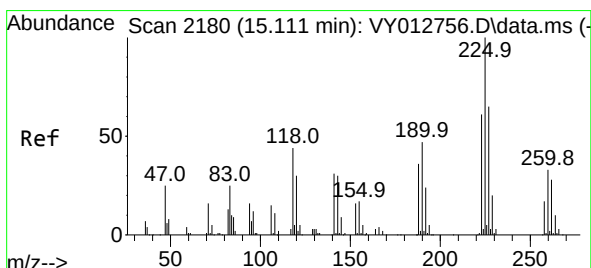
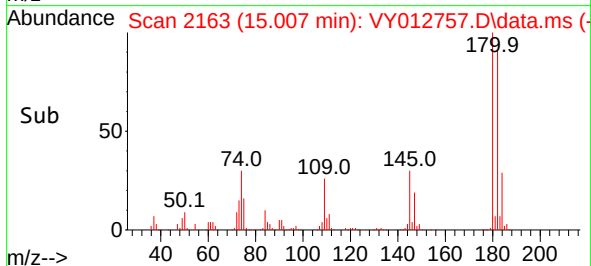
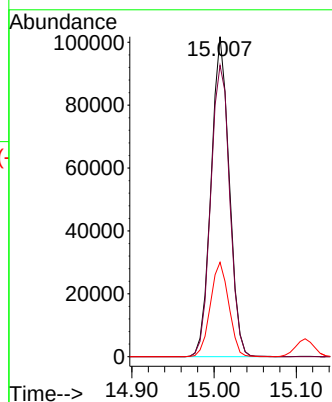
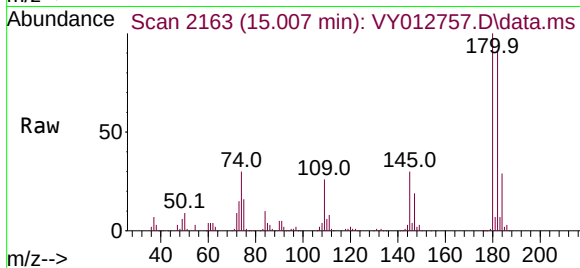
Tgt Ion:180 Resp: 156390

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 99.476 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

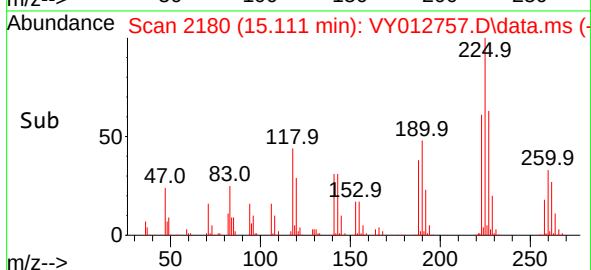
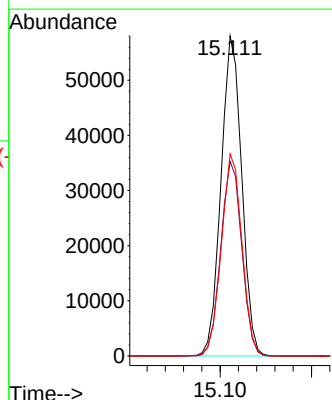
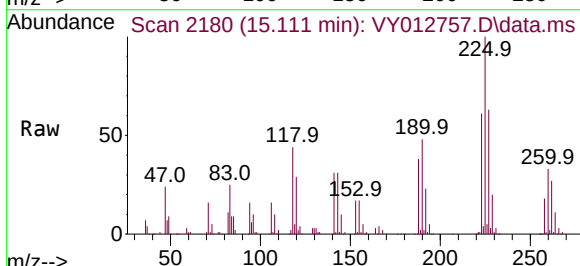
Tgt Ion:225 Resp: 91342

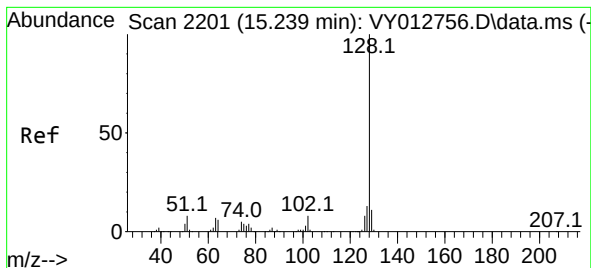
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.3

227 62.9 32.4 97.0





#95

Naphthalene

Concen: 110.752 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

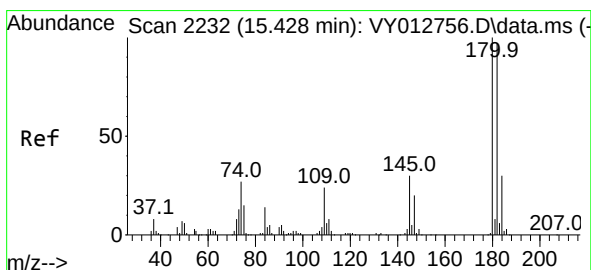
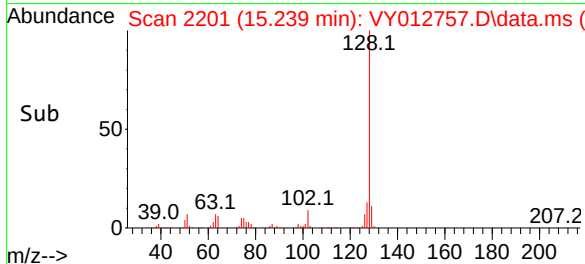
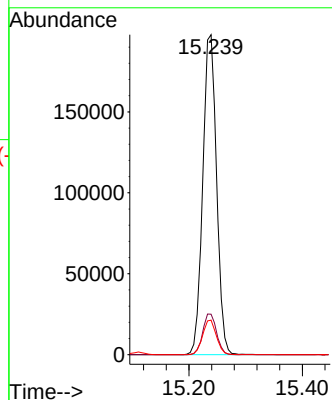
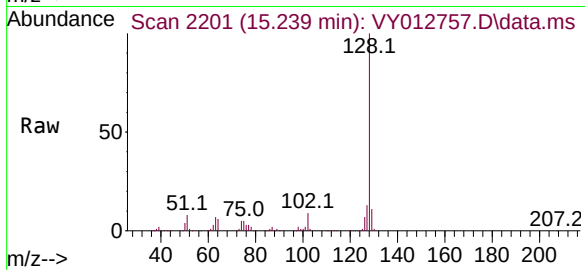
Tgt Ion:128 Resp: 334127

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 102.902 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012757.D

Acq: 02 Mar 2023 13:47

Tgt Ion:180 Resp: 137780

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 32.1 15.3 45.8

