

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012812.D
 Acq On : 06 Mar 2023 10:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 06 14:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51128	44.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.580%
35) Dibromofluoromethane	7.716	113	50737	47.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	182693	46.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.483	95	62283	47.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55349	48.297	ug/l	98
3) Chloromethane	2.113	50	64887	47.360	ug/l	100
4) Vinyl Chloride	2.253	62	63049	50.185	ug/l	98
5) Bromomethane	2.656	94	38539	50.484	ug/l	90
6) Chloroethane	2.796	64	38403	51.040	ug/l	97
7) Trichlorofluoromethane	3.131	101	103135	49.426	ug/l	99
8) Diethyl Ether	3.528	74	34374	47.009	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	61746	49.184	ug/l	98
10) Methyl Iodide	4.095	142	85003	51.966	ug/l	98
11) Tert butyl alcohol	4.948	59	29709	221.478	ug/l	97
12) 1,1-Dichloroethene	3.875	96	60438	50.477	ug/l	96
13) Acrolein	3.729	56	47874	236.703	ug/l	99
14) Allyl chloride	4.479	41	103972	47.010	ug/l	97
15) Acrylonitrile	5.161	53	89233	231.603	ug/l	99
16) Acetone	3.948	43	130027	286.960	ug/l	98
17) Carbon Disulfide	4.198	76	197090	48.360	ug/l	99
18) Methyl Acetate	4.479	43	57772	42.814	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	154913	50.091	ug/l	98
20) Methylene Chloride	4.723	84	68862	49.779	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	66651	51.225	ug/l	96
22) Diisopropyl ether	6.119	45	191111	47.574	ug/l	96
23) Vinyl Acetate	6.058	43	587152	235.238	ug/l	98
24) 1,1-Dichloroethane	6.015	63	110599	48.316	ug/l	99
25) 2-Butanone	6.984	43	139009	247.688	ug/l	99
26) 2,2-Dichloropropane	6.984	77	98964	48.677	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	70542	50.568	ug/l	98
28) Bromochloromethane	7.332	49	39167	46.821	ug/l	93
29) Tetrahydrofuran	7.350	42	73265	216.449	ug/l	98
30) Chloroform	7.509	83	113058	50.003	ug/l	98
31) Cyclohexane	7.783	56	101405	45.865	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	100840	49.317	ug/l	99
36) 1,1-Dichloropropene	7.917	75	89466	50.157	ug/l	99
37) Ethyl Acetate	7.076	43	50283	44.725	ug/l	100
38) Carbon Tetrachloride	7.905	117	94752	51.440	ug/l	98
39) Methylcyclohexane	9.185	83	107781	50.825	ug/l	99
40) Benzene	8.161	78	254800	50.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69100	114.079	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	73591	48.512	ug/l	99
43) Isopropyl Acetate	8.271	43	90332	45.035	ug/l	97
44) Trichloroethene	8.941	130	68179	51.250	ug/l	99
45) 1,2-Dichloropropane	9.216	63	62058	48.666	ug/l	98
46) Dibromomethane	9.307	93	36467	50.197	ug/l	99
47) Bromodichloromethane	9.496	83	85497	49.941	ug/l	96
48) Methyl methacrylate	9.295	41	42729	46.232	ug/l	98
49) 1,4-Dioxane	9.301	88	8720	928.501	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	247866	227.812	ug/l	99
52) Toluene	10.246	92	158996	52.250	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	89936	50.085	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	102405	50.384	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	50047	49.467	ug/l	97
56) Ethyl methacrylate	10.508	69	66372	49.200	ug/l	98
57) 1,3-Dichloropropane	10.789	76	85082	49.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	174961	247.057	ug/l	98
59) 2-Hexanone	10.831	43	197714	250.030	ug/l	98
60) Dibromochloromethane	10.984	129	61948	50.301	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47853	49.101	ug/l	99
64) Tetrachloroethene	10.721	164	58050	50.846	ug/l	98
65) Chlorobenzene	11.520	112	167740	50.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	62608	51.411	ug/l	99
67) Ethyl Benzene	11.593	91	302403	52.263	ug/l	100
68) m/p-Xylenes	11.703	106	234042	105.144	ug/l	99
69) o-Xylene	12.032	106	109872	52.889	ug/l	98
70) Styrene	12.044	104	185268	53.441	ug/l	99
71) Bromoform	12.209	173	39578	49.846	ug/l #	99
73) Isopropylbenzene	12.331	105	293095	52.609	ug/l	99
74) N-amyl acetate	12.142	43	80297	45.808	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	60424	48.248	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	76381	81.365	ug/l #	100
77) Bromobenzene	12.611	156	69529	51.372	ug/l	96
78) n-propylbenzene	12.672	91	361640	52.650	ug/l	99
79) 2-Chlorotoluene	12.758	91	197002	51.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	243808	53.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21704	47.906	ug/l	97
82) 4-Chlorotoluene	12.855	91	202405	51.220	ug/l	100
83) tert-Butylbenzene	13.075	119	208535	52.549	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	239897	53.359	ug/l	99
85) sec-Butylbenzene	13.258	105	316573	52.291	ug/l	99
86) p-Isopropyltoluene	13.373	119	263070	53.168	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135641	51.963	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134396	50.447	ug/l	98
89) n-Butylbenzene	13.697	91	247485	52.248	ug/l	100
90) Hexachloroethane	13.965	117	53027	51.456	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121173	51.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9316	46.027	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	73307	50.458	ug/l	98
94) Hexachlorobutadiene	15.117	225	44747	50.498	ug/l	98
95) Naphthalene	15.239	128	144952	49.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	64751	50.112	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

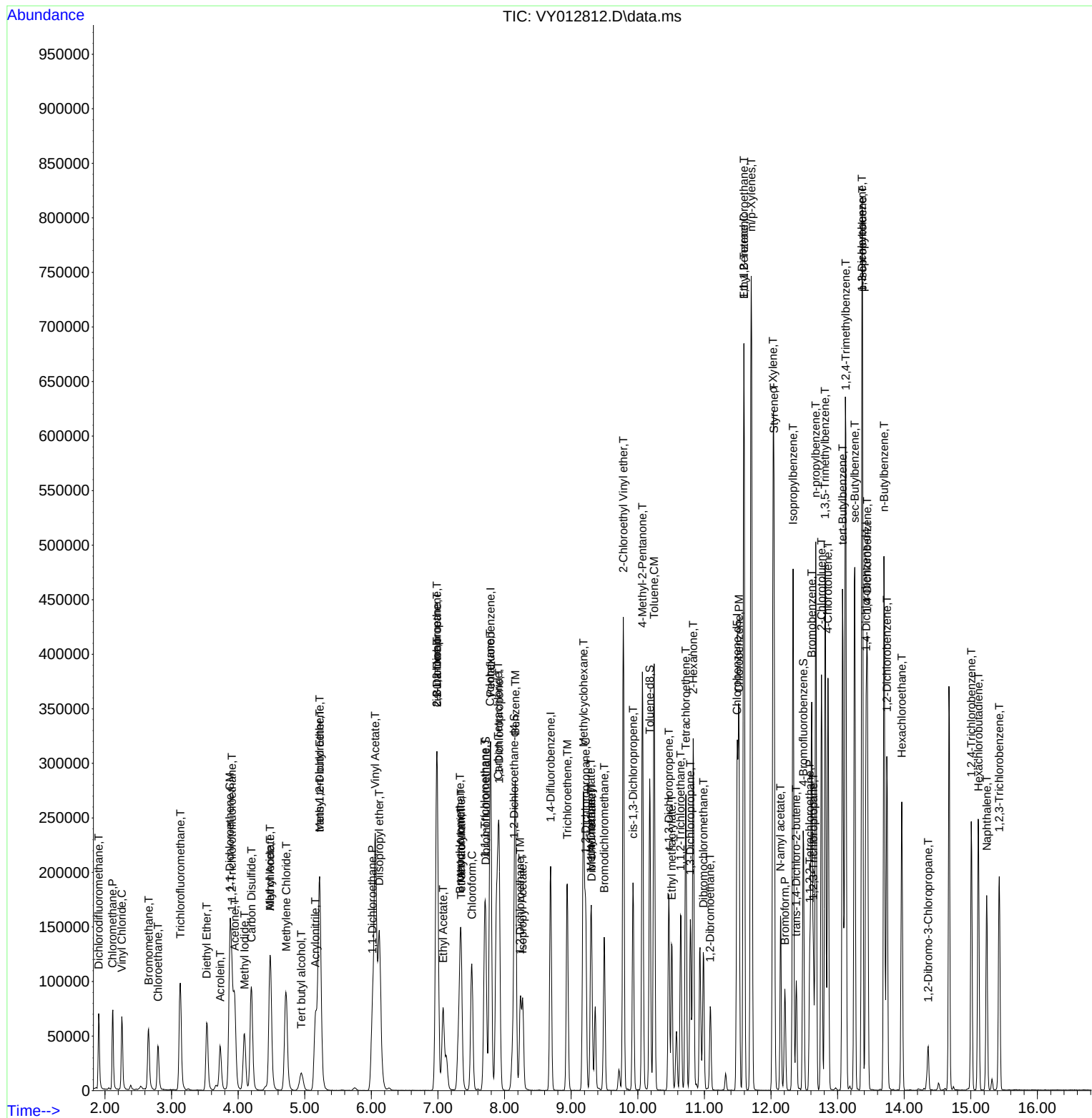
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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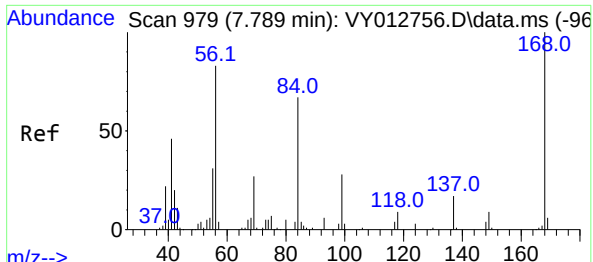
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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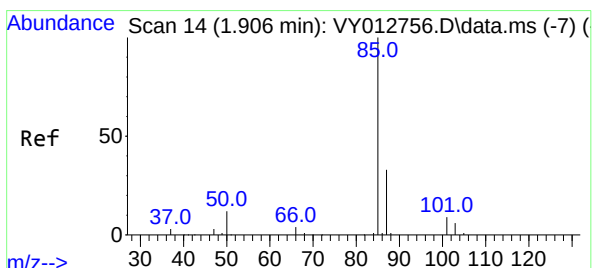
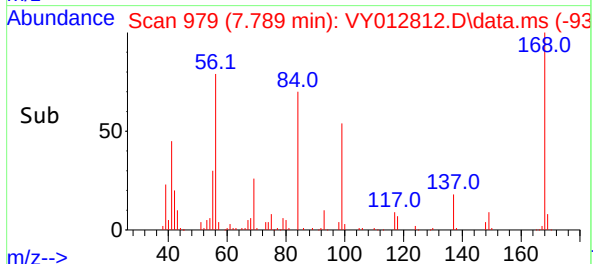
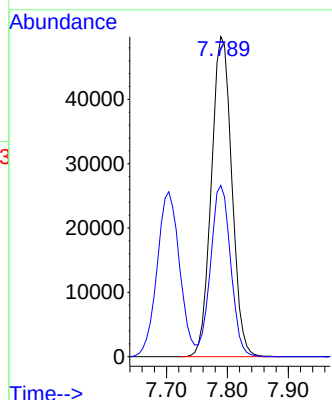
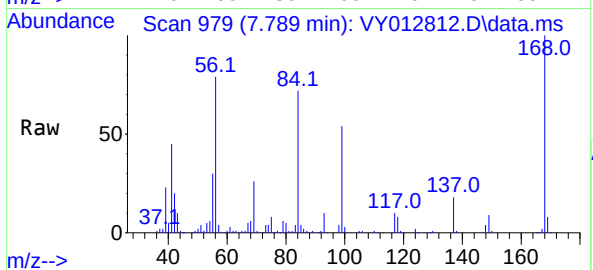




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012812.D
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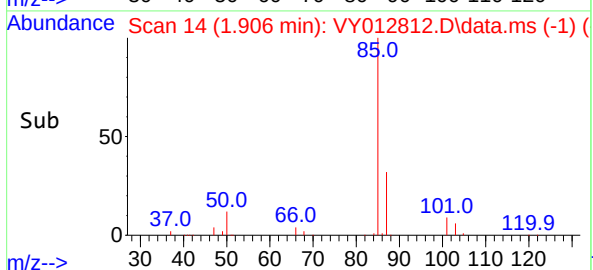
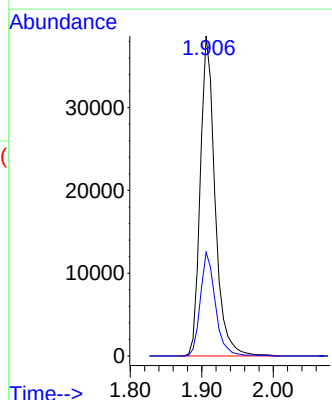
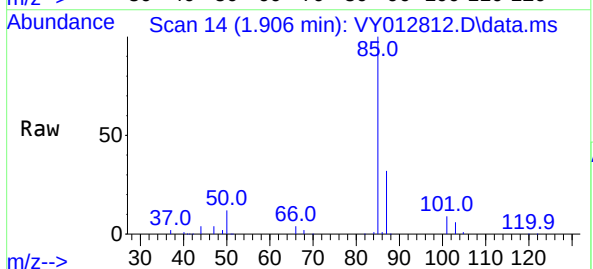
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 116271
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5

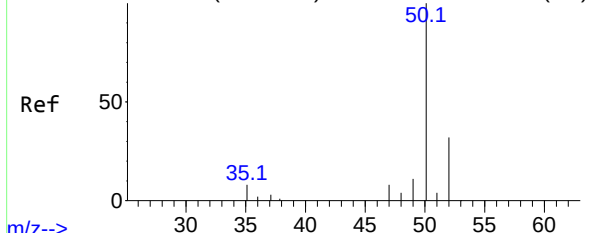


#2
Dichlorodifluoromethane
Concen: 48.297 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 85 Resp: 55349
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

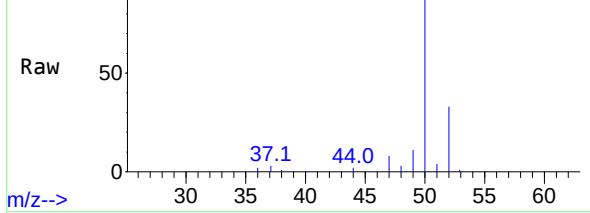


Abundance Scan 48 (2.113 min): VY012756.D\data.ms (-41)



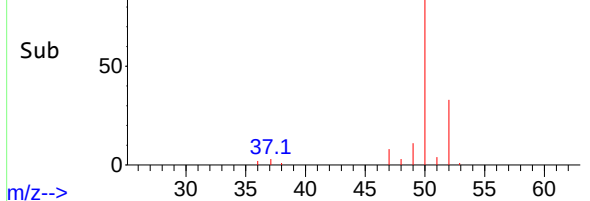
m/z-->

Abundance Scan 48 (2.113 min): VY012812.D\data.ms



m/z-->

Abundance Scan 48 (2.113 min): VY012812.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: 47.360 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

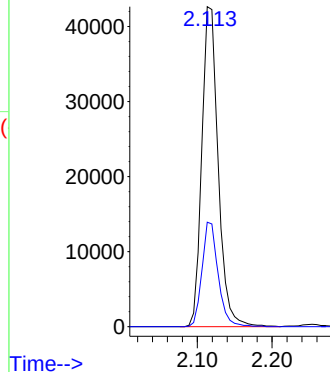
Tgt Ion: 50 Resp: 64887

Ion Ratio Lower Upper

50 100

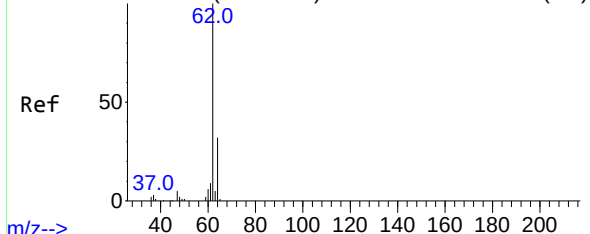
52 32.7 26.0 39.0

Abundance



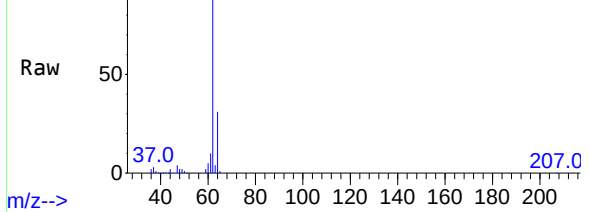
Time-->

Abundance Scan 71 (2.253 min): VY012756.D\data.ms (-63)



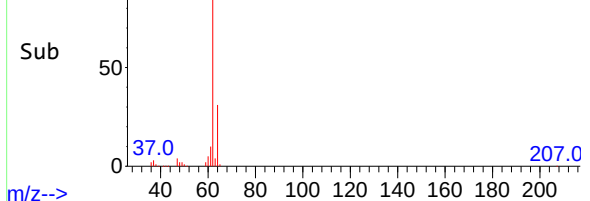
m/z-->

Abundance Scan 71 (2.253 min): VY012812.D\data.ms



m/z-->

Abundance Scan 71 (2.253 min): VY012812.D\data.ms (-22)



m/z-->

#4

Vinyl Chloride

Concen: 50.185 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

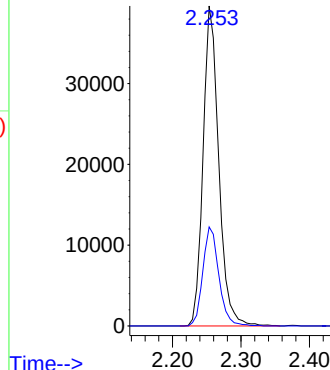
Tgt Ion: 62 Resp: 63049

Ion Ratio Lower Upper

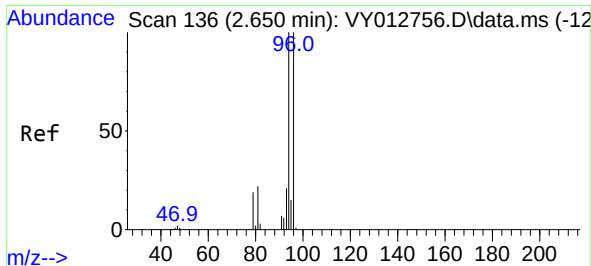
62 100

64 30.9 25.6 38.4

Abundance



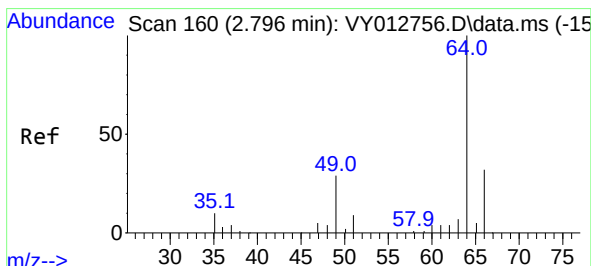
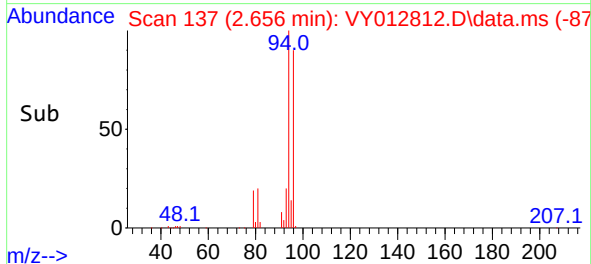
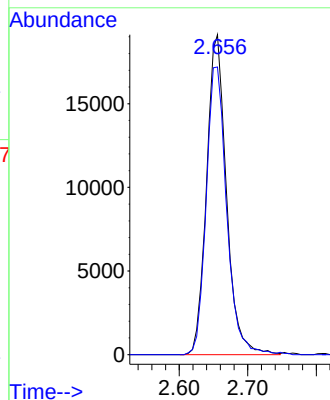
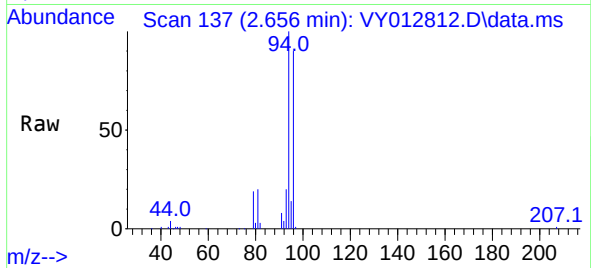
Time-->



#5
Bromomethane
Concen: 50.484 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

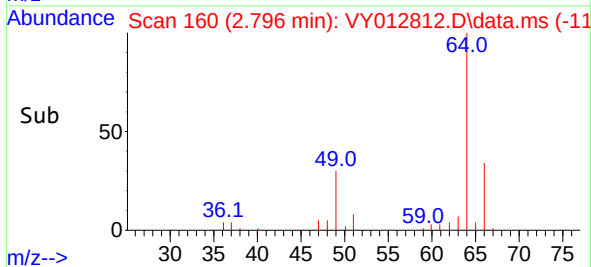
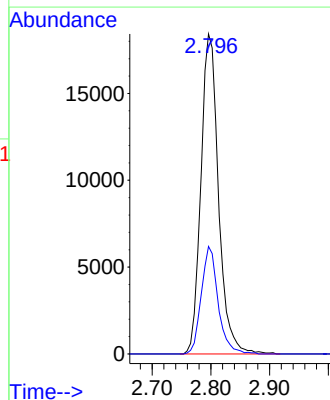
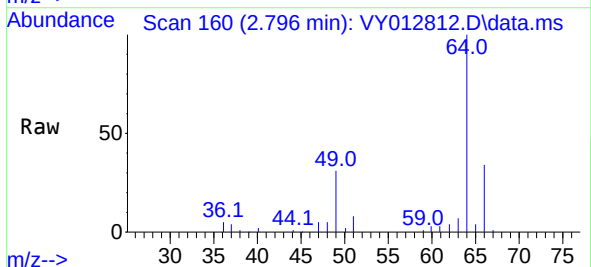
Instrument :
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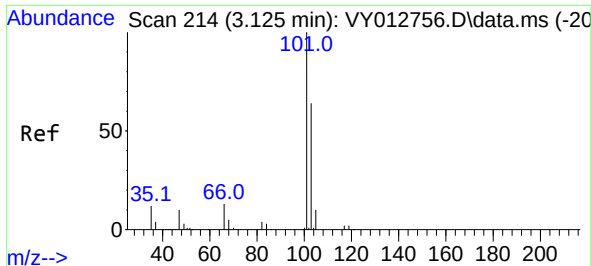
Tgt Ion: 94 Resp: 38539
Ion Ratio Lower Upper
94 100
96 89.9 80.3 120.5



#6
Chloroethane
Concen: 51.040 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 64 Resp: 38403
Ion Ratio Lower Upper
64 100
66 33.6 25.7 38.5

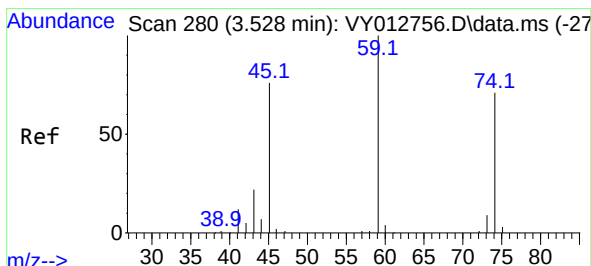
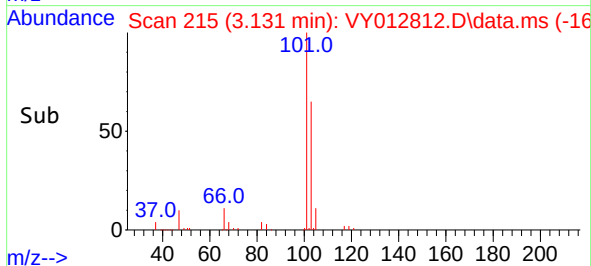
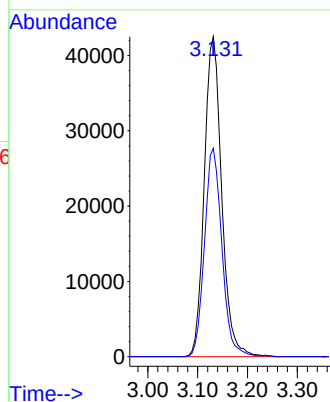
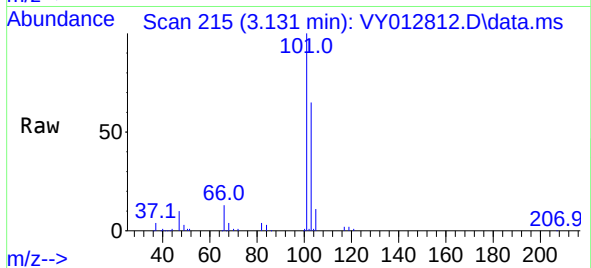




#7
Trichlorofluoromethane
Concen: 49.426 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

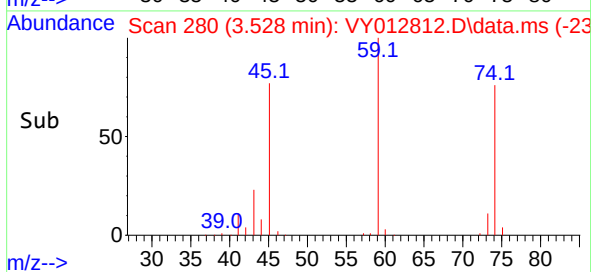
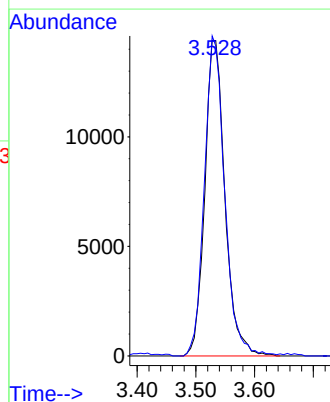
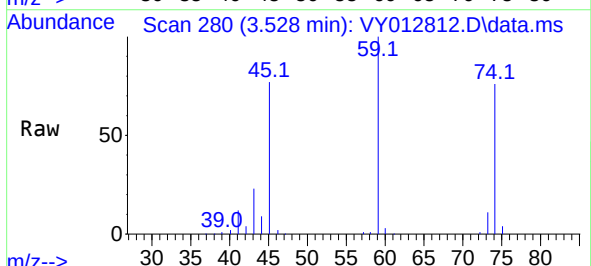
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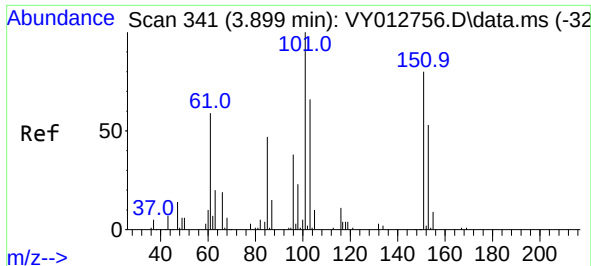
Tgt Ion:101 Resp: 103135
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3



#8
Diethyl Ether
Concen: 47.009 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 74 Resp: 34374
Ion Ratio Lower Upper
74 100
45 102.0 52.1 156.4

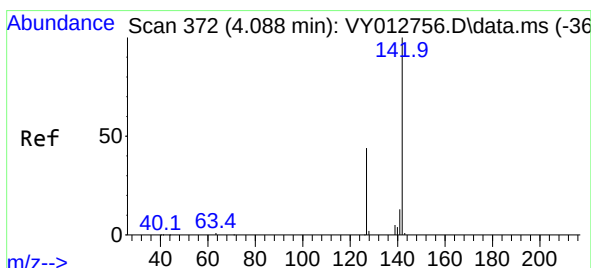
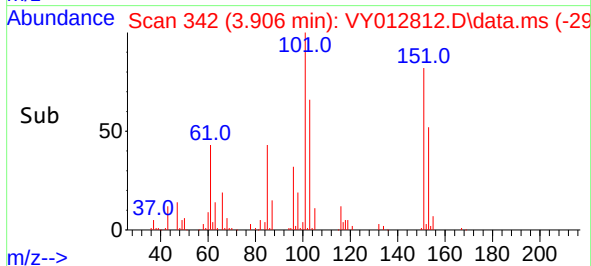
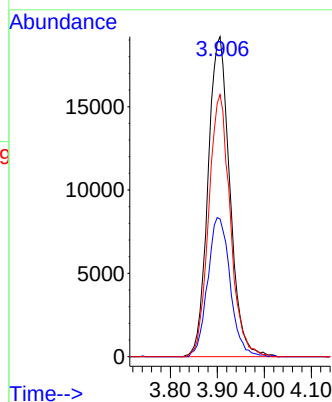
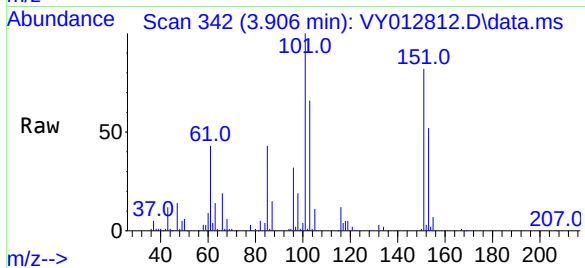




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.184 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

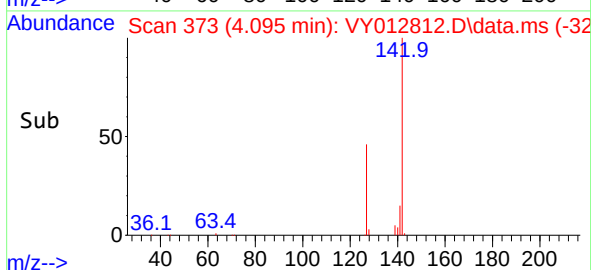
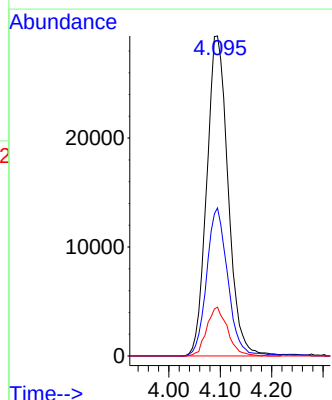
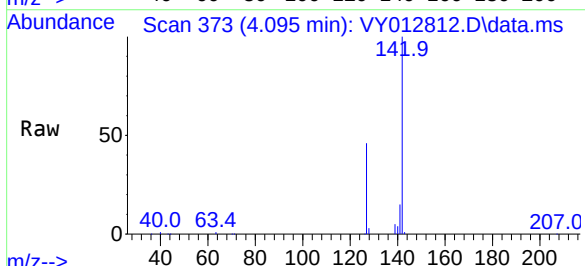
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

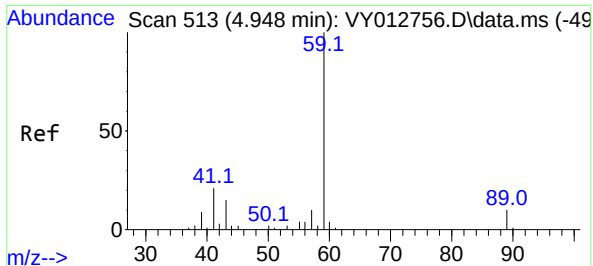
Tgt Ion:101 Resp: 61746
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 81.1 63.1 94.7



#10
Methyl Iodide
Concen: 51.966 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:142 Resp: 85003
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.2
141 14.9 11.3 16.9

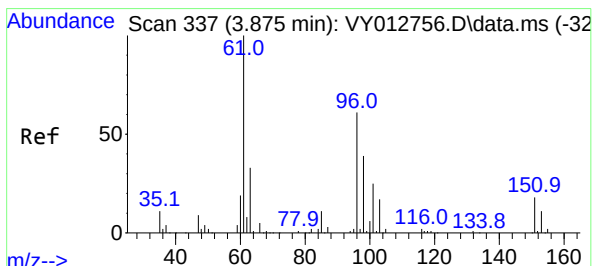
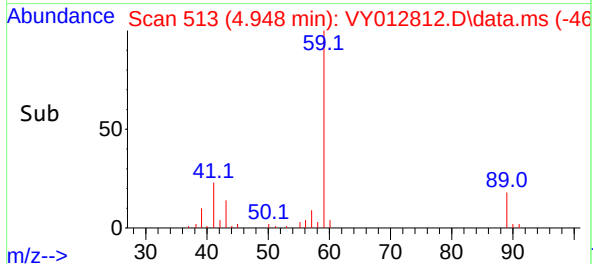
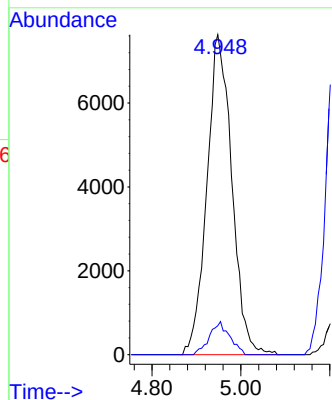
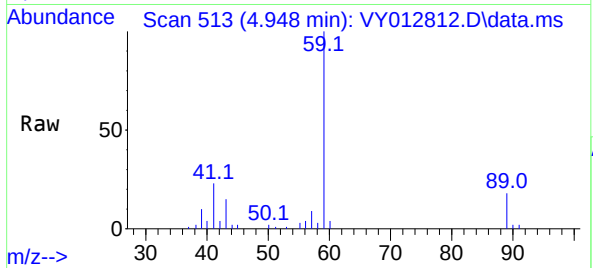




#11
Tert butyl alcohol
Concen: 221.478 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

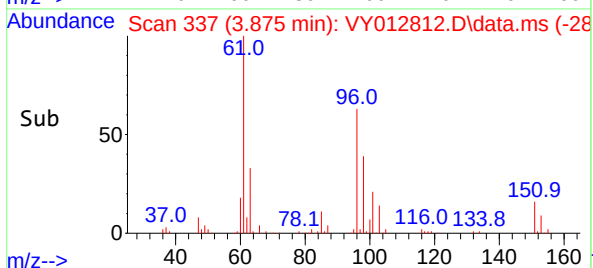
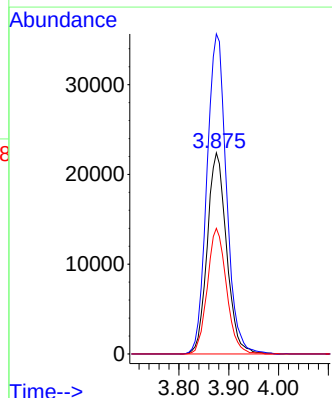
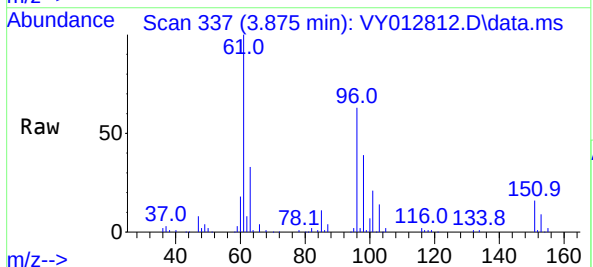
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

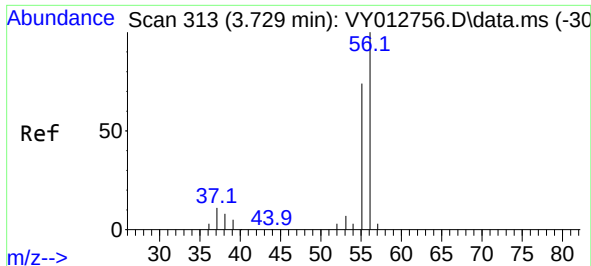
Tgt Ion: 59 Resp: 29709
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.477 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 96 Resp: 60438
Ion Ratio Lower Upper
96 100
61 159.1 131.7 197.5
98 62.5 52.0 78.0

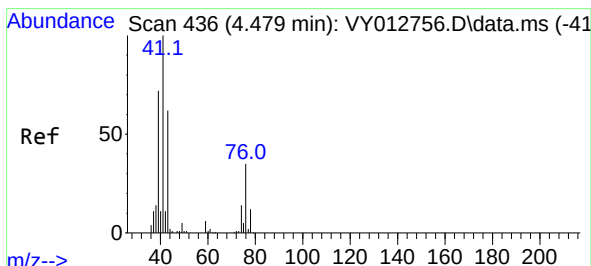
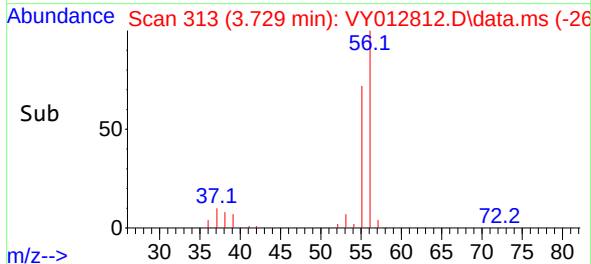
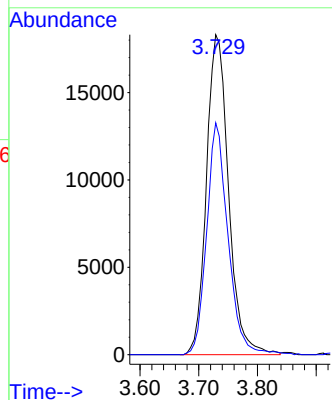
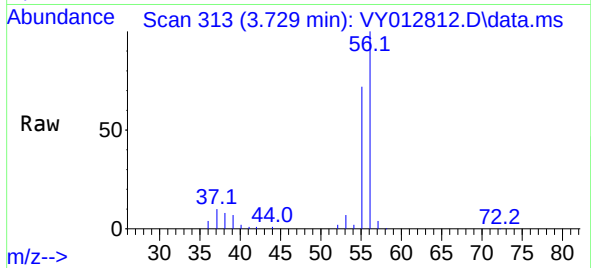




#13
Acrolein
Concen: 236.703 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

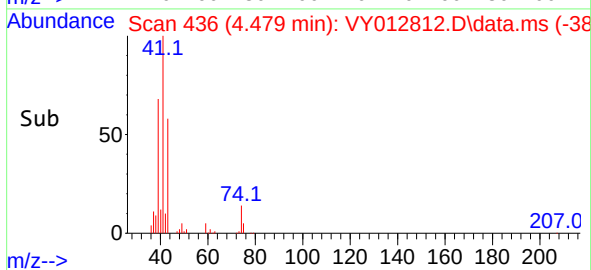
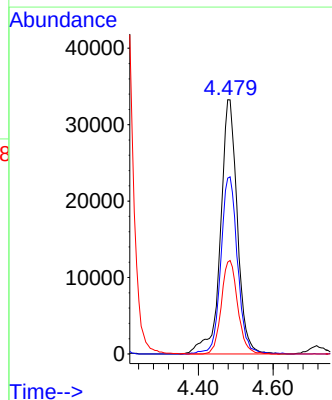
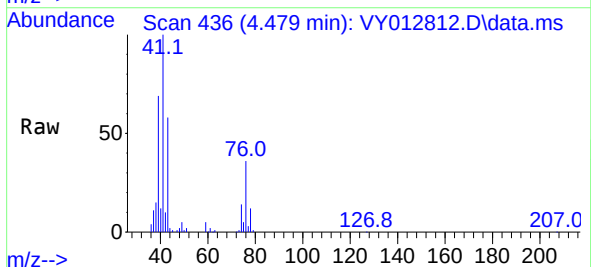
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

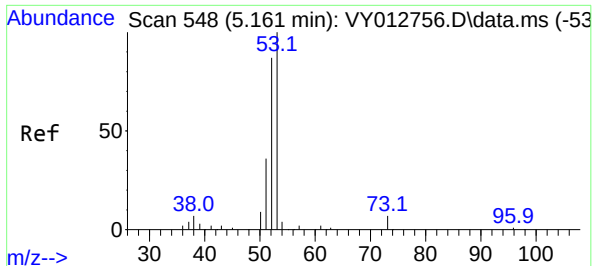
Tgt Ion: 56 Resp: 47874
Ion Ratio Lower Upper
56 100
55 70.1 56.8 85.2



#14
Allyl chloride
Concen: 47.010 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 41 Resp: 103972
Ion Ratio Lower Upper
41 100
39 69.1 53.6 80.4
76 35.7 27.2 40.8

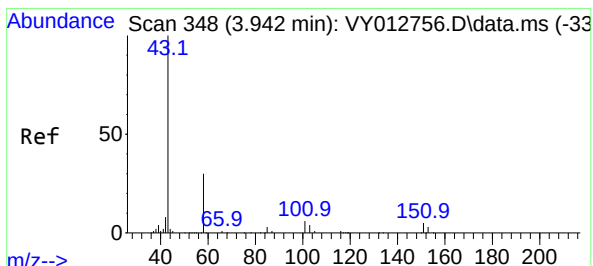
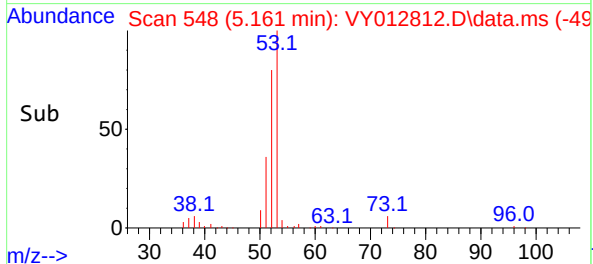
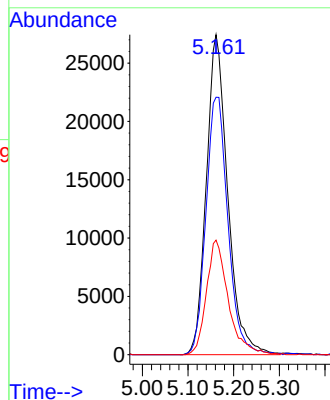
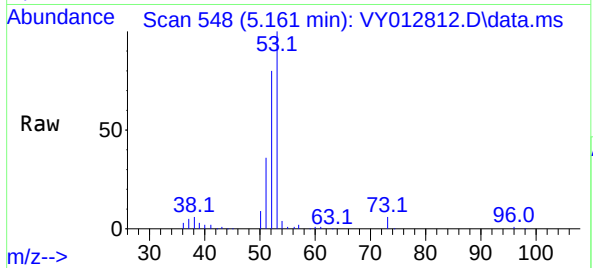




#15
Acrylonitrile
Concen: 231.603 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

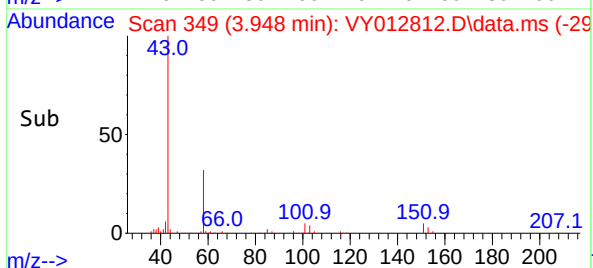
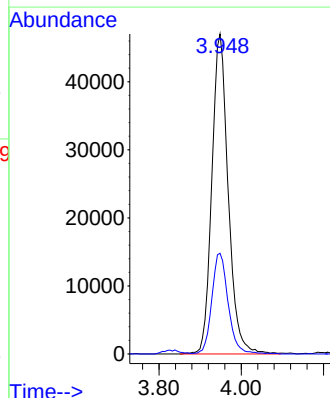
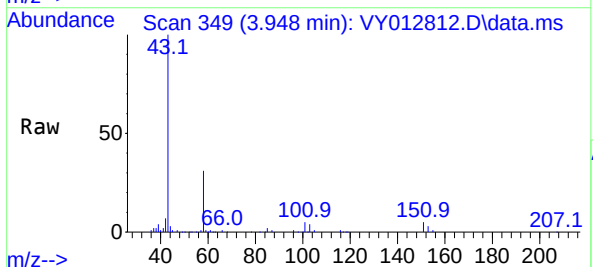
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

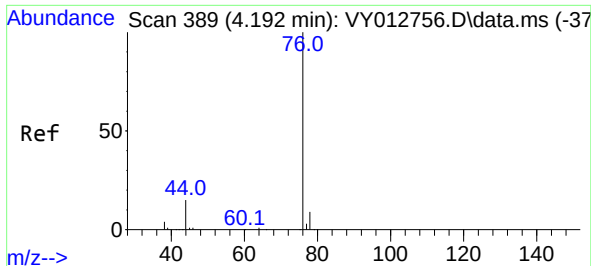
Tgt Ion: 53 Resp: 89233
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 36.8 28.8 43.2



#16
Acetone
Concen: 286.960 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 43 Resp: 130027
Ion Ratio Lower Upper
43 100
58 31.4 24.2 36.2

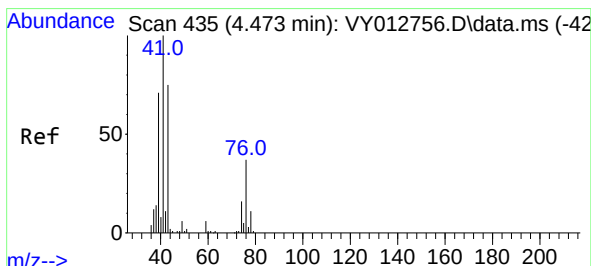
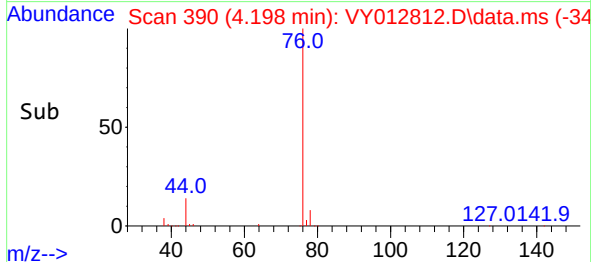
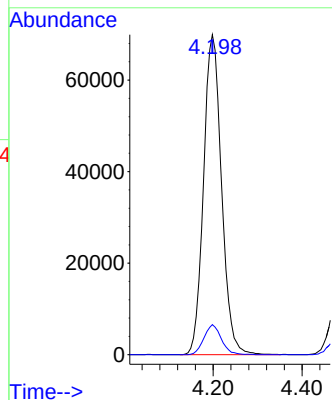
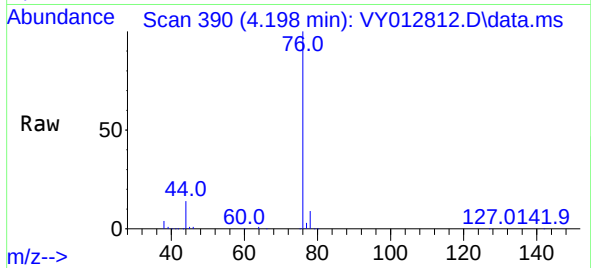




#17
Carbon Disulfide
Concen: 48.360 ug/l
RT: 4.198 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

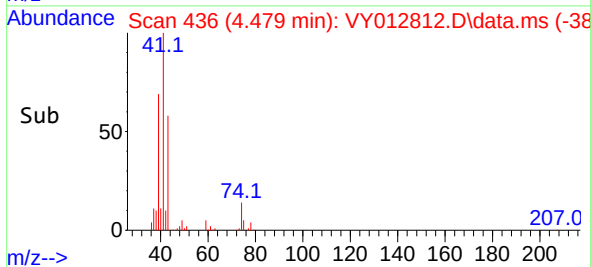
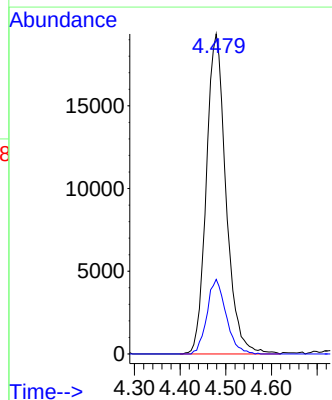
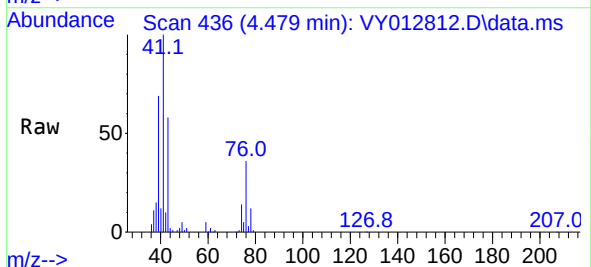
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

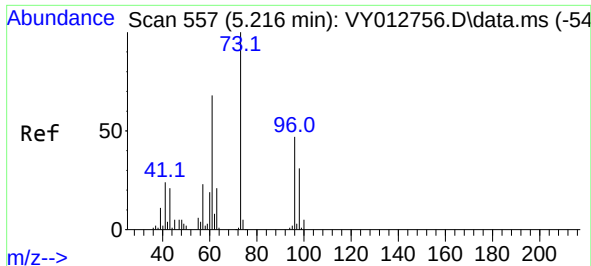
Tgt Ion: 76 Resp: 197090
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 42.814 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 43 Resp: 57772
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

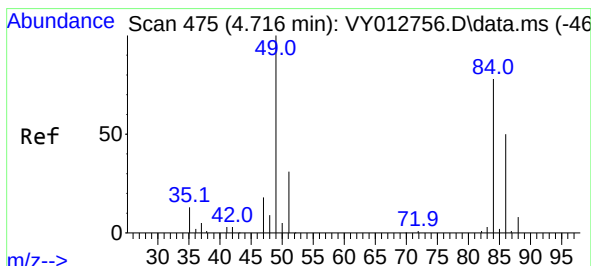
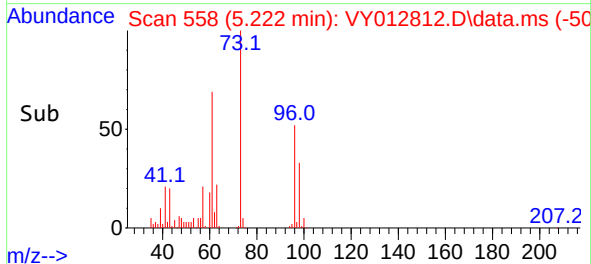
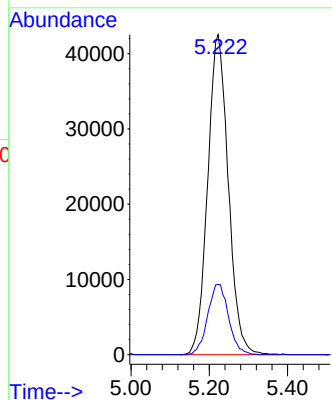
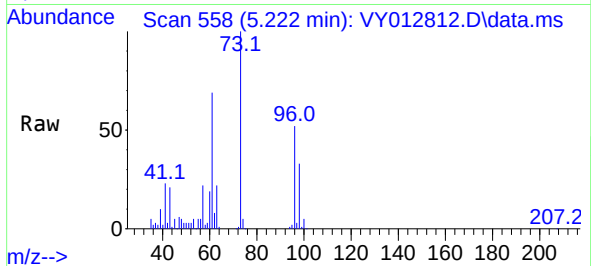




#19
Methyl tert-butyl Ether
Concen: 50.091 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

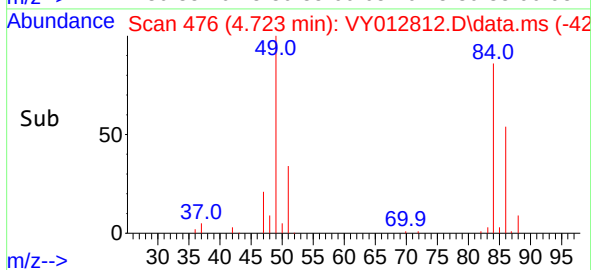
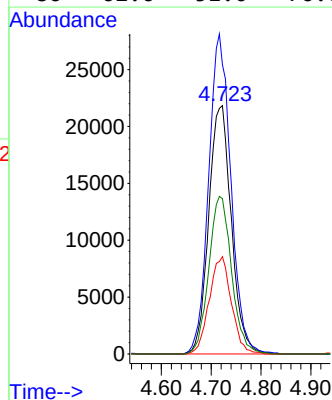
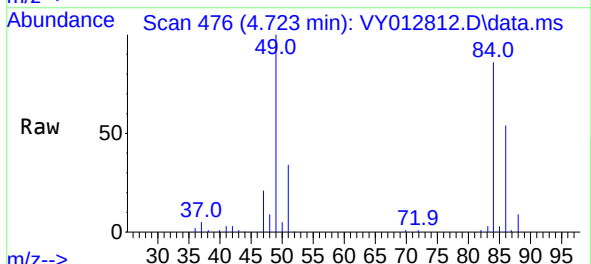
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

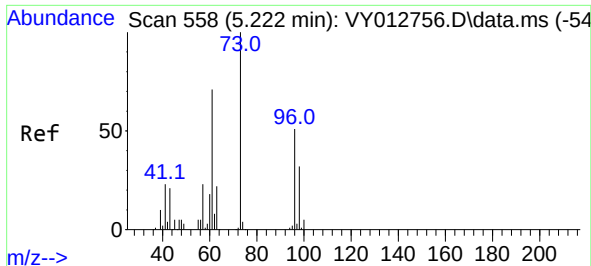
Tgt Ion: 73 Resp: 154913
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 49.779 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 84 Resp: 68862
Ion Ratio Lower Upper
84 100
49 116.5 102.6 154.0
51 39.2 31.9 47.9
86 62.6 51.0 76.6

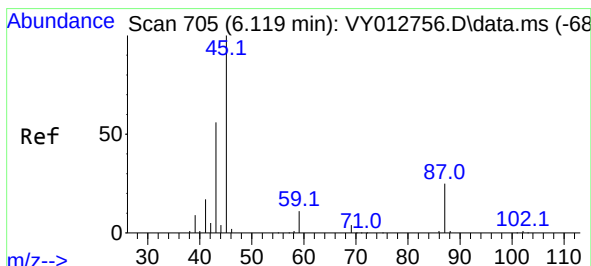
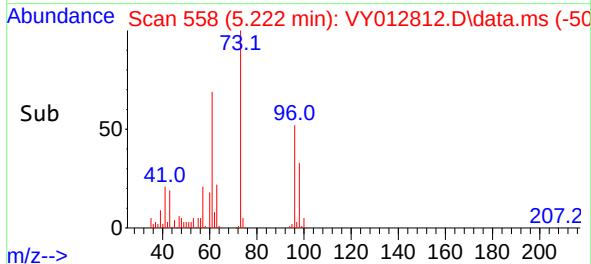
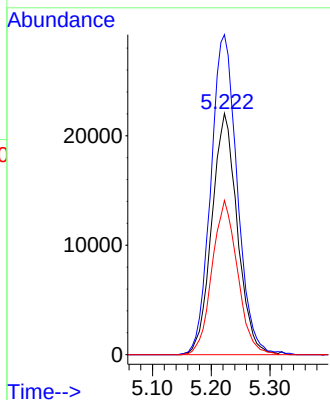
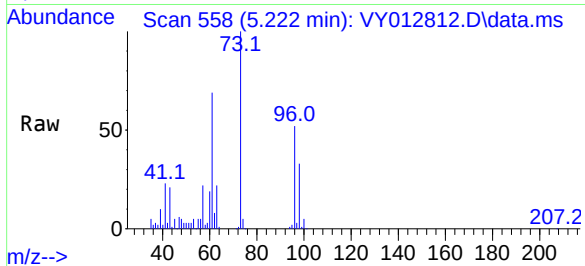




#21
trans-1,2-Dichloroethene
Concen: 51.225 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

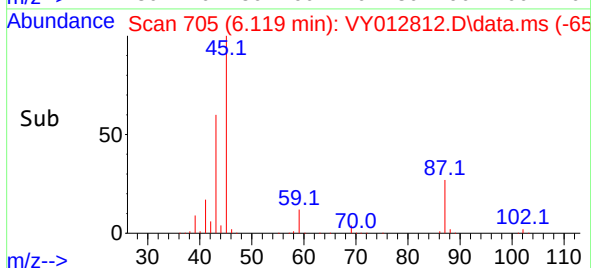
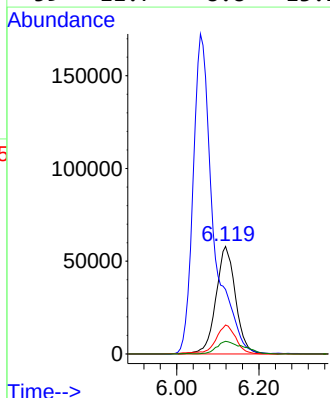
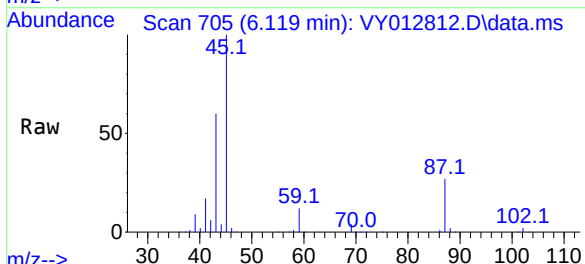
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

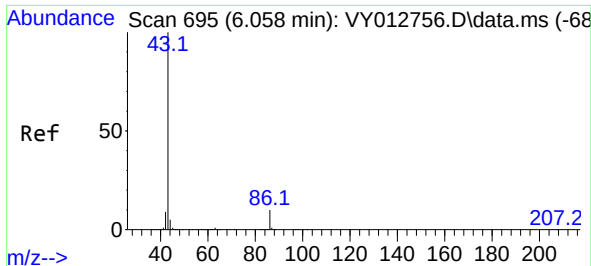
Tgt Ion: 96 Resp: 66651
Ion Ratio Lower Upper
96 100
61 132.6 111.4 167.0
98 63.9 50.8 76.2



#22
Diisopropyl ether
Concen: 47.574 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 45 Resp: 191111
Ion Ratio Lower Upper
45 100
43 59.2 45.0 67.6
87 27.0 20.3 30.5
59 11.7 8.8 13.2

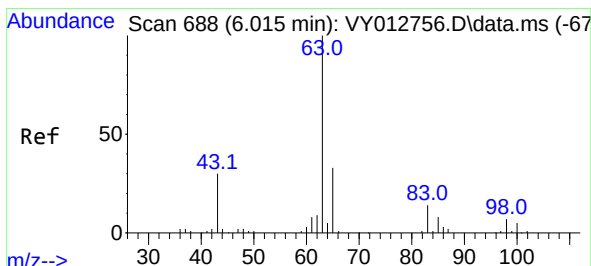
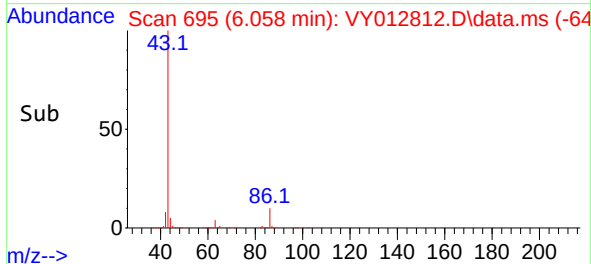
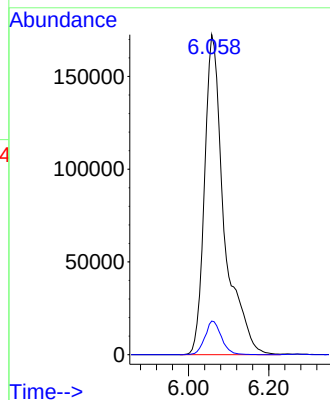
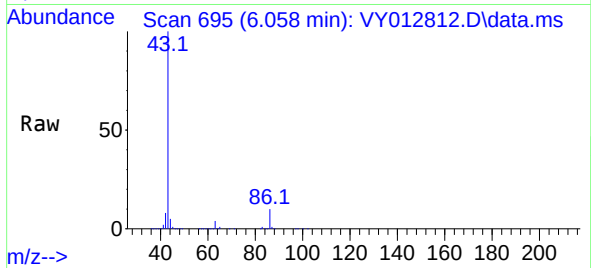




#23
 Vinyl Acetate
 Concen: 235.238 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012812.D
 Acq: 06 Mar 2023 10:21

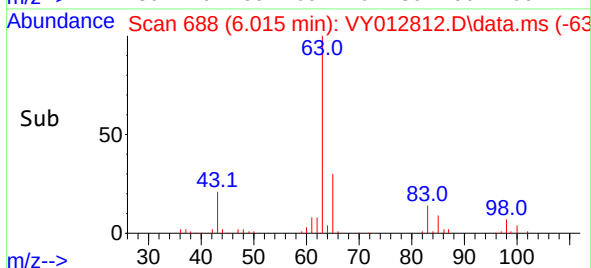
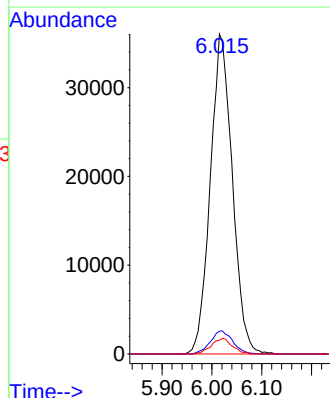
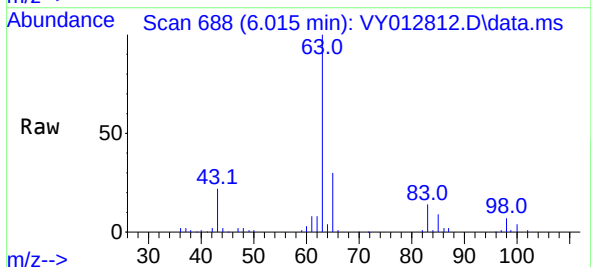
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

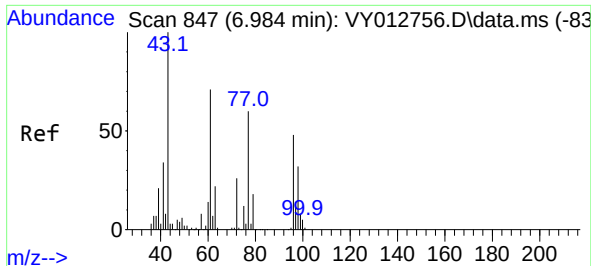
Tgt Ion: 43 Resp: 587152
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.316 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012812.D
 Acq: 06 Mar 2023 10:21

Tgt Ion: 63 Resp: 110599
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.3 2.3 6.8

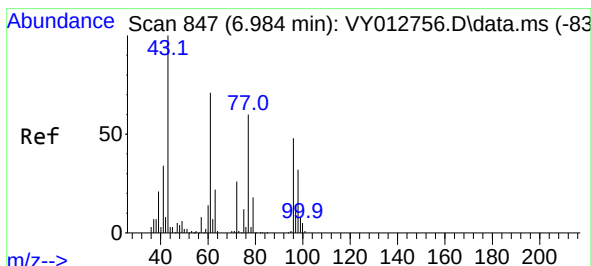
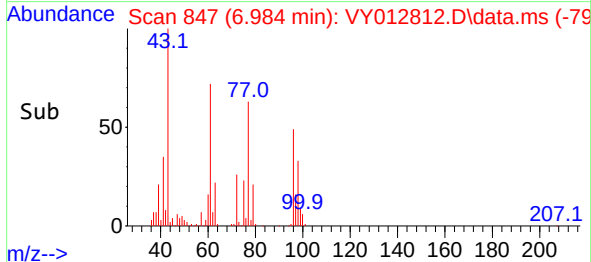
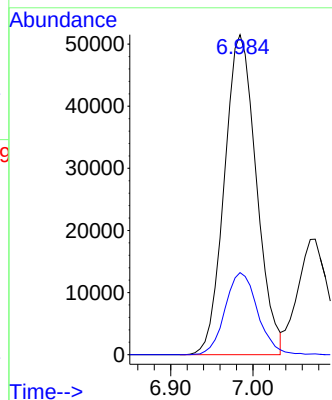
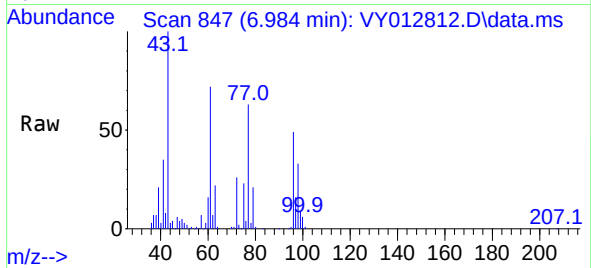




#25
2-Butanone
Concen: 247.688 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

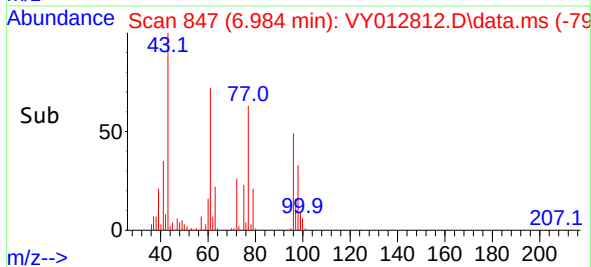
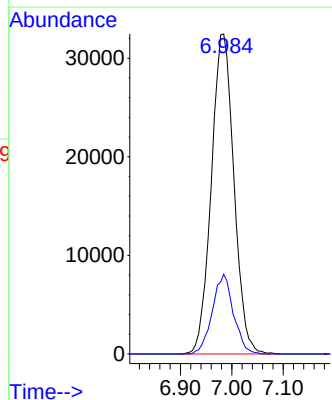
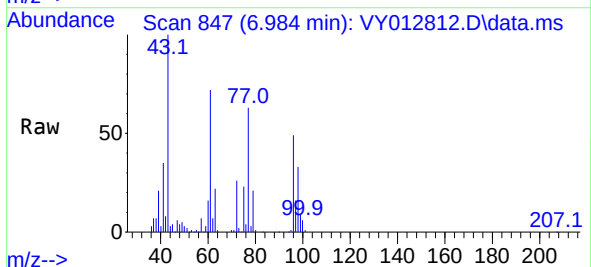
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

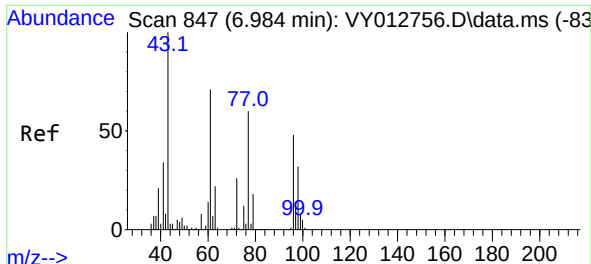
Tgt Ion: 43 Resp: 139009
Ion Ratio Lower Upper
43 100
72 25.6 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.677 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 77 Resp: 98964
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0

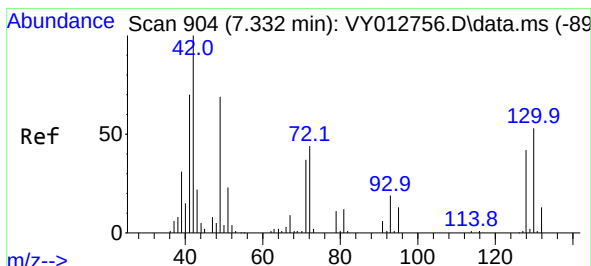
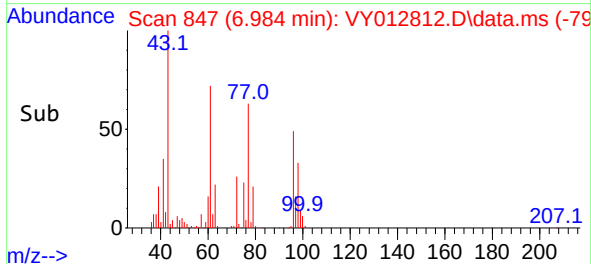
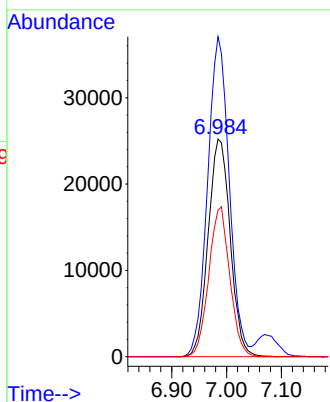
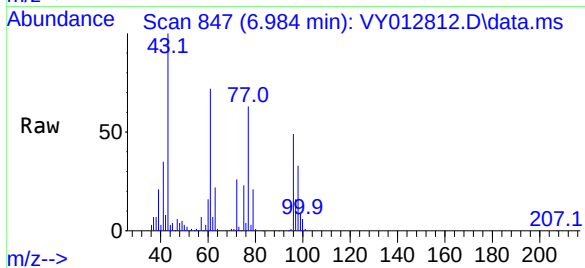




#27
cis-1,2-Dichloroethene
Concen: 50.568 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

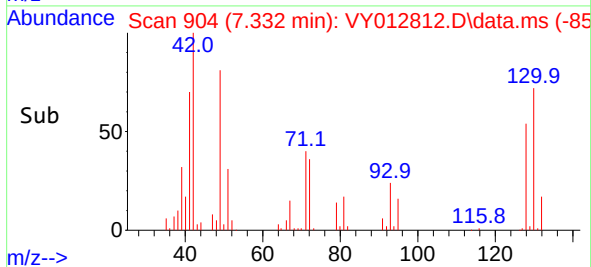
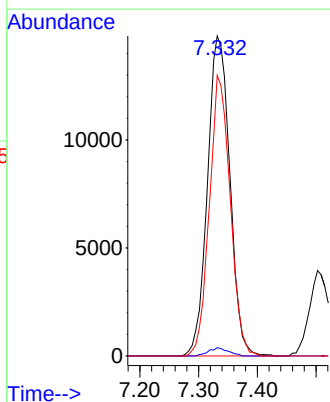
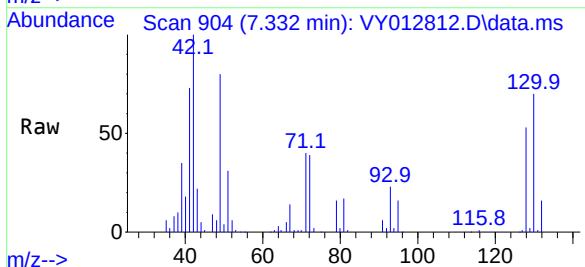
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

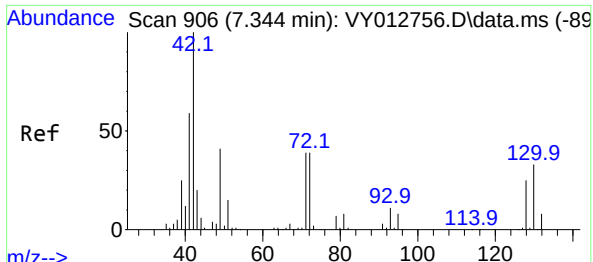
Tgt Ion: 96 Resp: 70542
Ion Ratio Lower Upper
96 100
61 144.3 0.0 295.8
98 65.5 0.0 130.2



#28
Bromochloromethane
Concen: 46.821 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 49 Resp: 39167
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 81.5 60.5 90.7

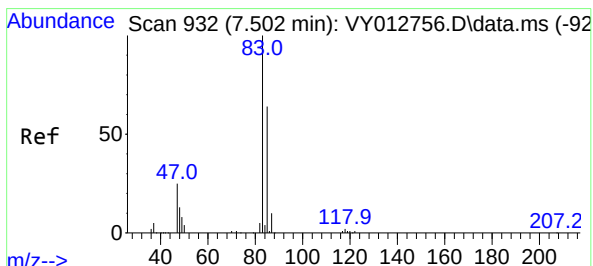
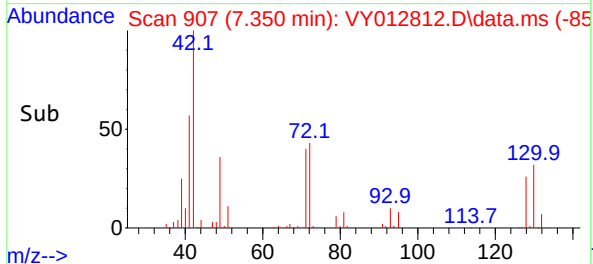
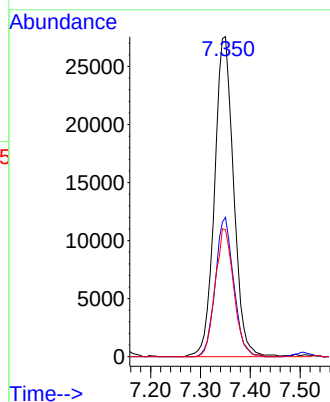
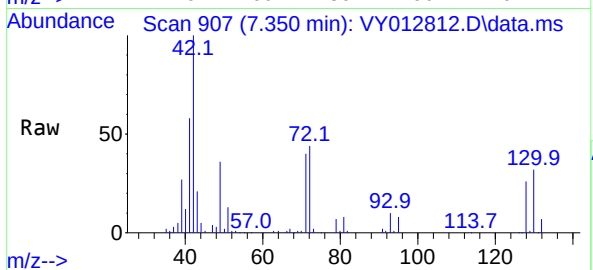




#29
Tetrahydrofuran
Concen: 216.449 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

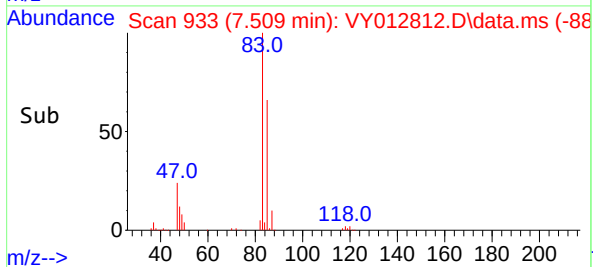
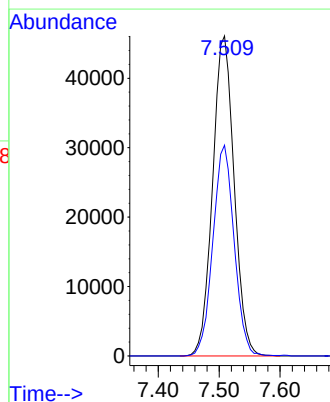
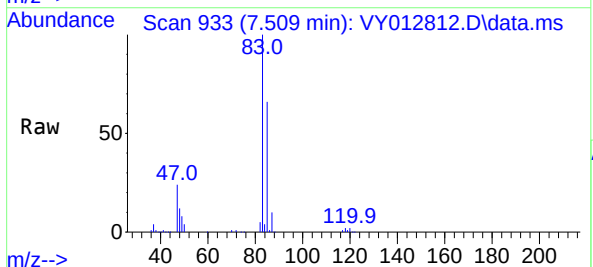
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

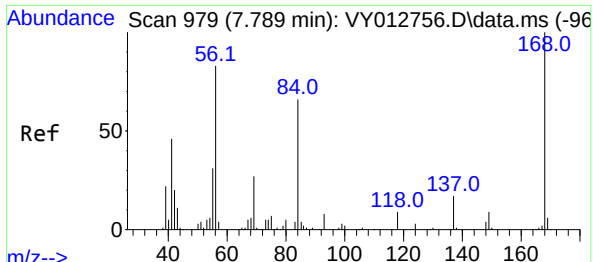
Tgt Ion: 42 Resp: 73265
Ion Ratio Lower Upper
42 100
72 41.9 32.3 48.5
71 39.2 30.3 45.5



#30
Chloroform
Concen: 50.003 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 83 Resp: 113058
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0





#31

Cyclohexane

Concen: 45.865 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

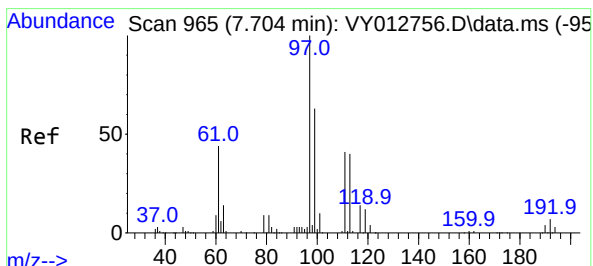
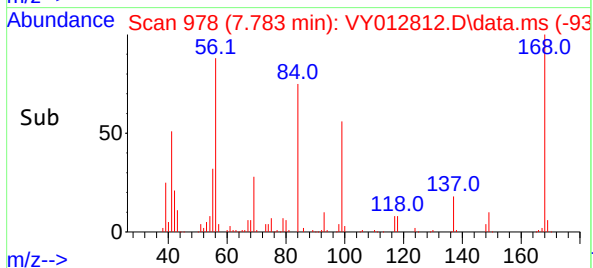
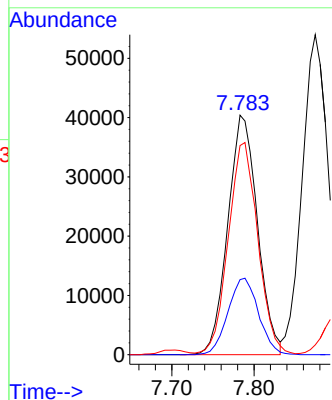
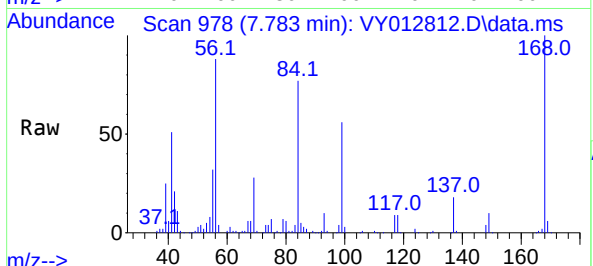
Tgt Ion: 56 Resp: 101405

Ion Ratio Lower Upper

56 100

69 31.3 25.7 38.5

84 85.6 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 49.317 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

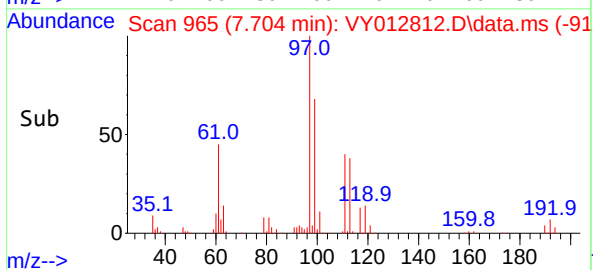
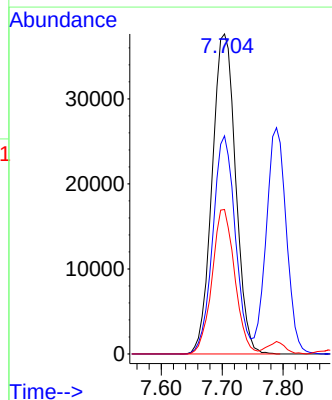
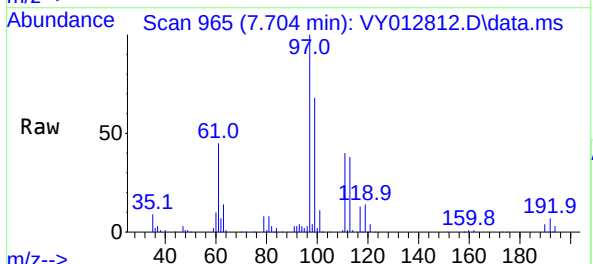
Tgt Ion: 97 Resp: 100840

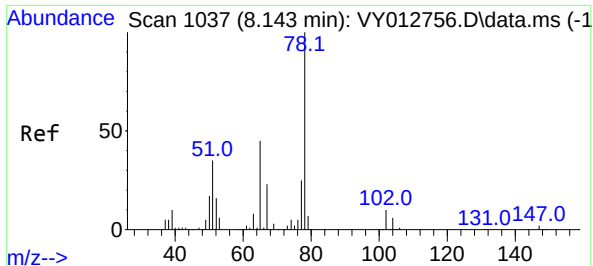
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.6

61 43.5 34.5 51.7

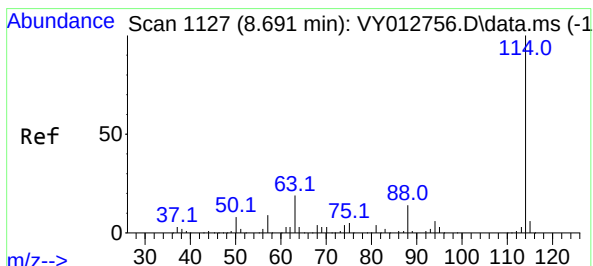
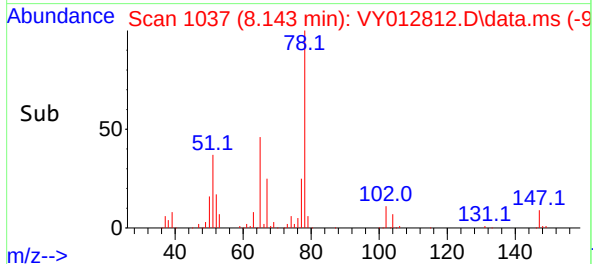
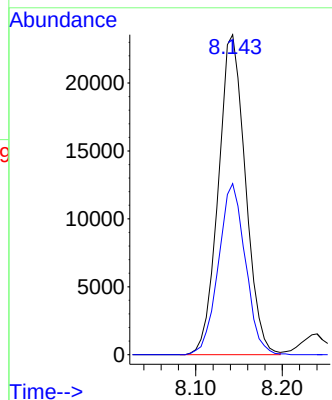
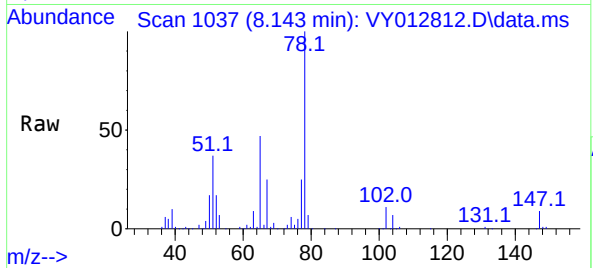




#33
1,2-Dichloroethane-d4
Concen: 44.289 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

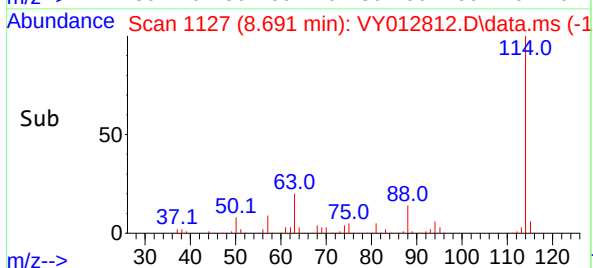
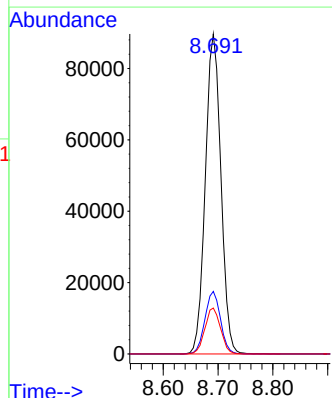
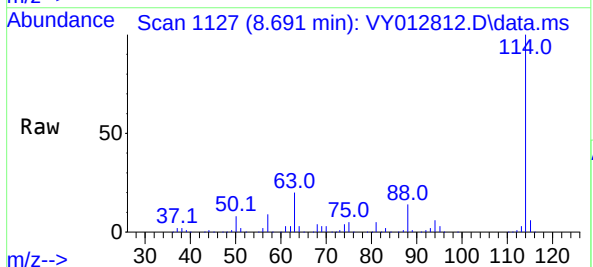
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

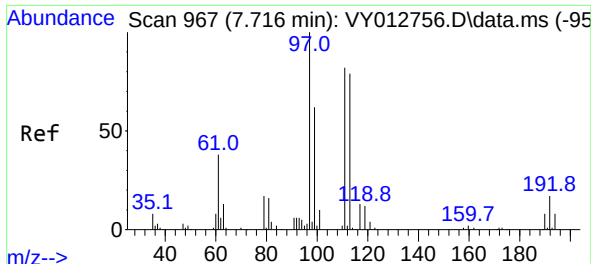
Tgt Ion: 65 Resp: 51128
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 114 Resp: 176375
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.3 0.0 28.6

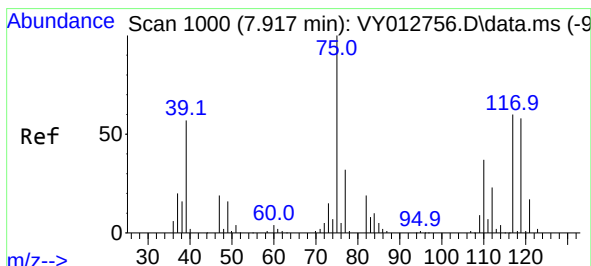
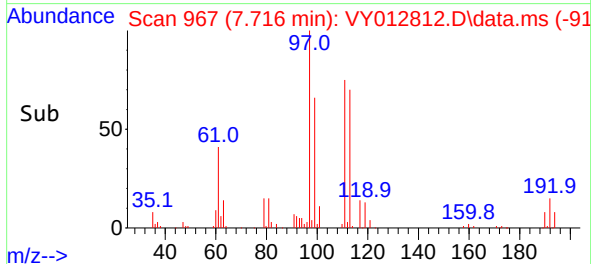
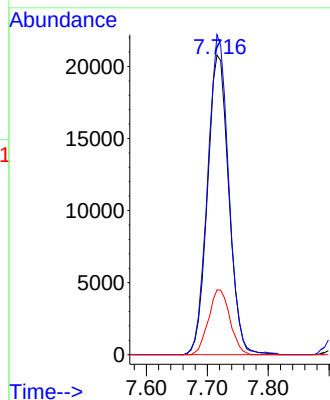
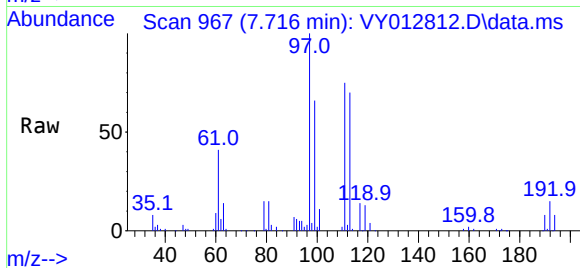




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

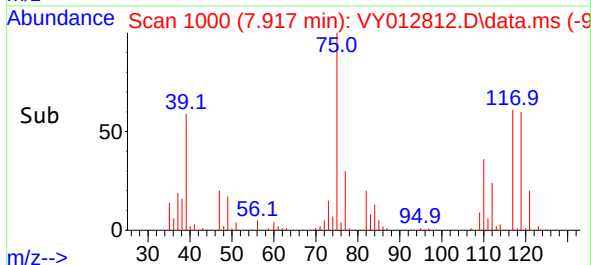
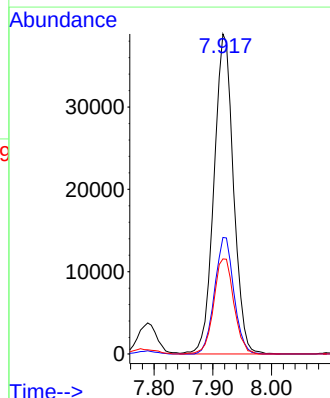
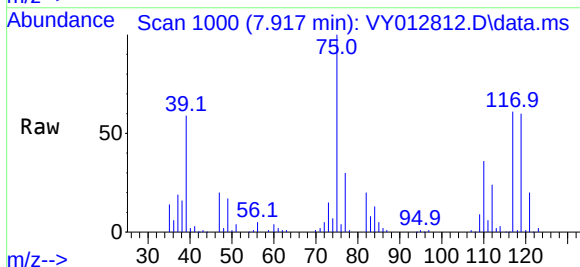
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

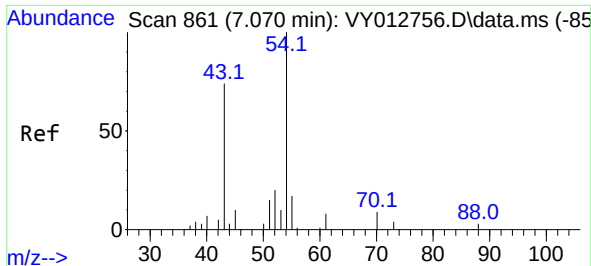
Tgt Ion:113 Resp: 50737
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.157 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 75 Resp: 89466
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.8 25.0 37.4

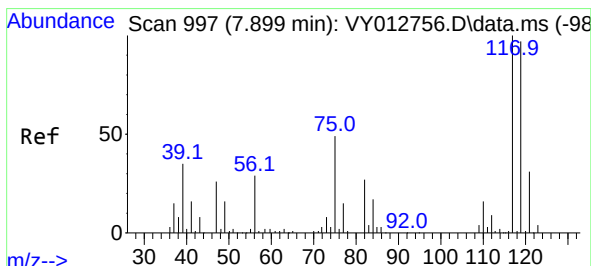
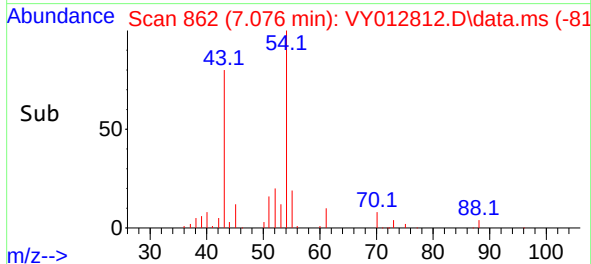
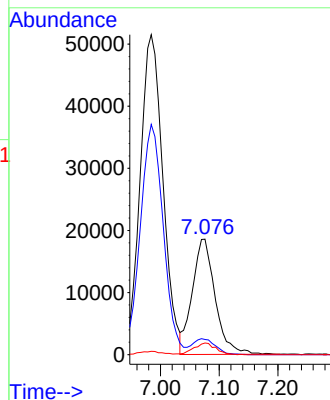
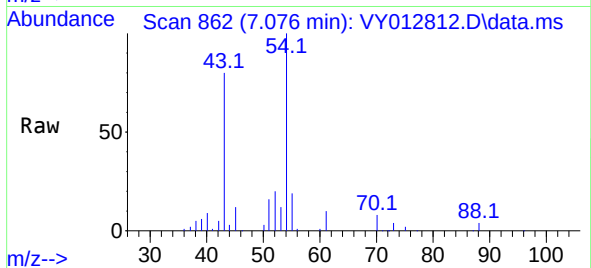




#37
Ethyl Acetate
Concen: 44.725 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

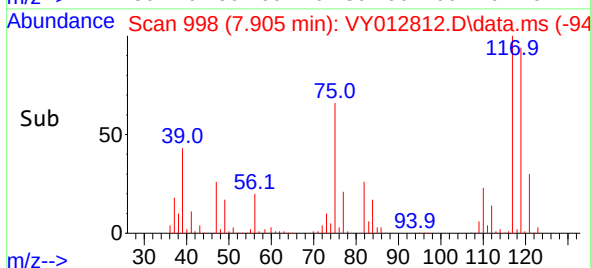
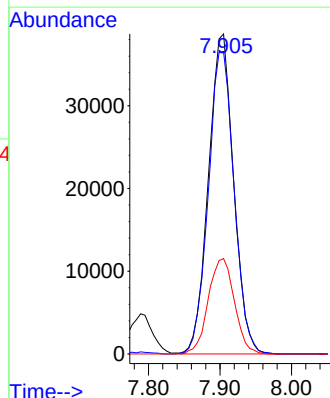
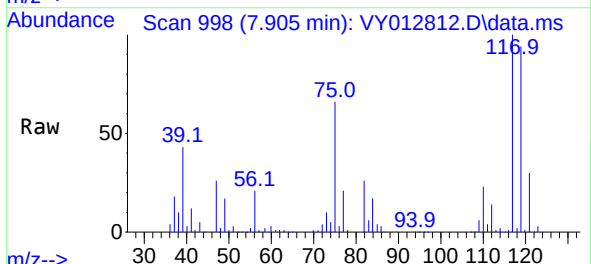
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

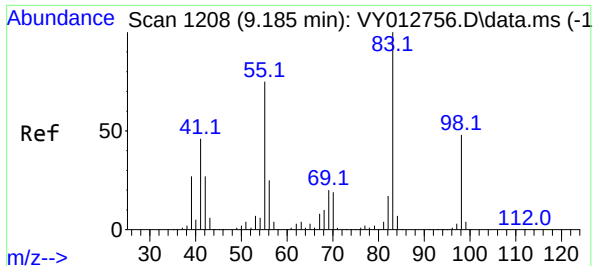
Tgt Ion: 43	Resp: 50283
Ion Ratio	Lower Upper
43 100	
61 13.6	10.7 16.1
70 9.7	7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.440 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:117	Resp:	94752	
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.2	115.8
121	29.8	24.7	37.1





#39

Methylcyclohexane

Concen: 50.825 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

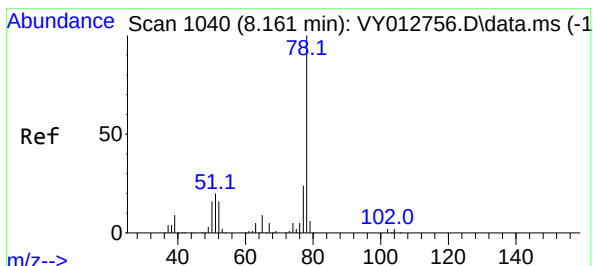
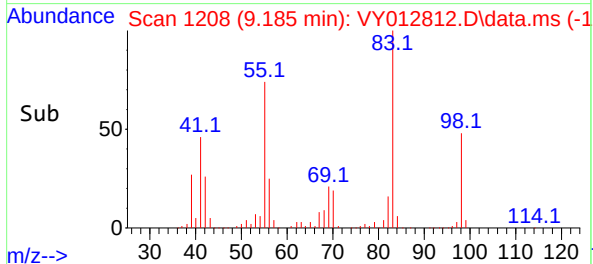
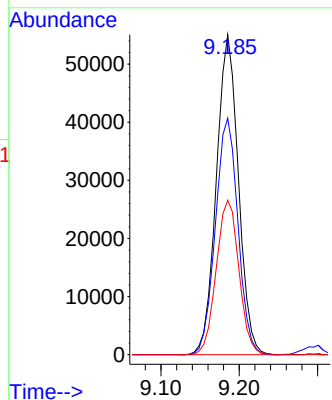
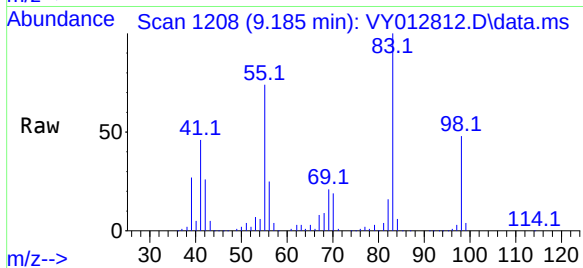
Tgt Ion: 83 Resp: 107781

Ion Ratio Lower Upper

83 100

55 73.9 60.0 90.0

98 48.3 38.3 57.5



#40

Benzene

Concen: 50.498 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012812.D

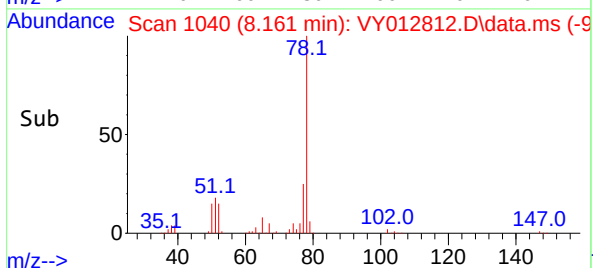
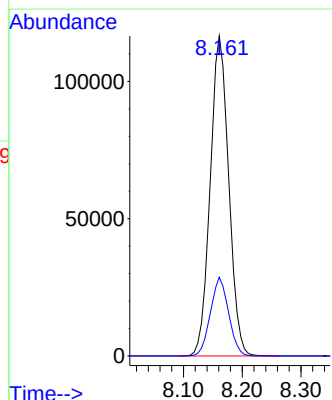
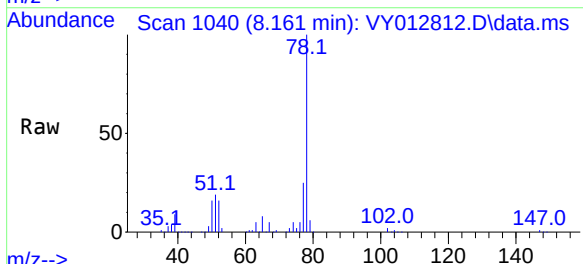
Acq: 06 Mar 2023 10:21

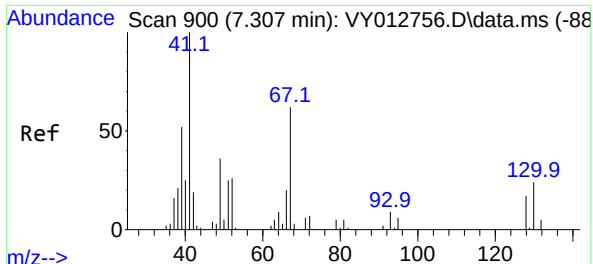
Tgt Ion: 78 Resp: 254800

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

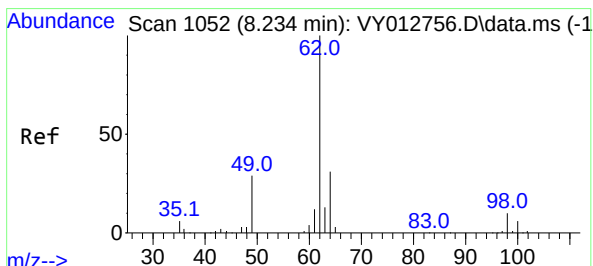
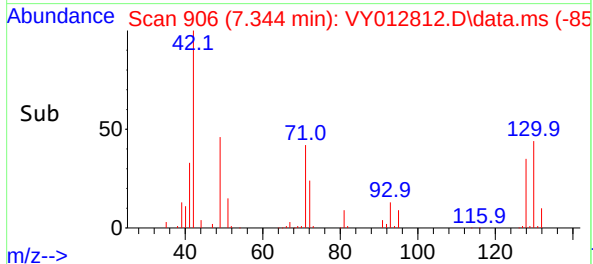
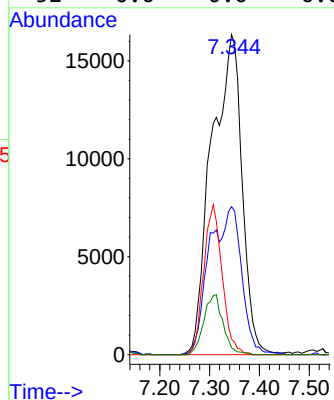
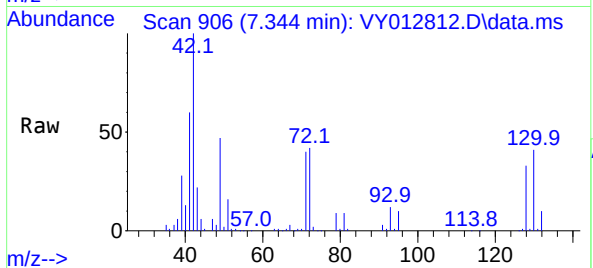




#41
Methacrylonitrile
Concen: 114.079 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

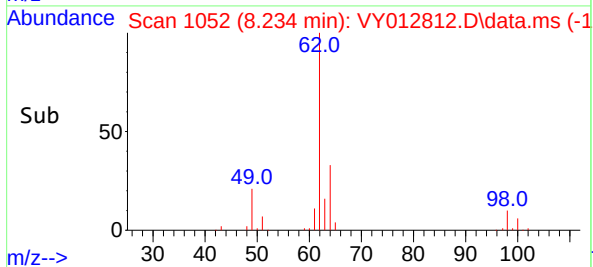
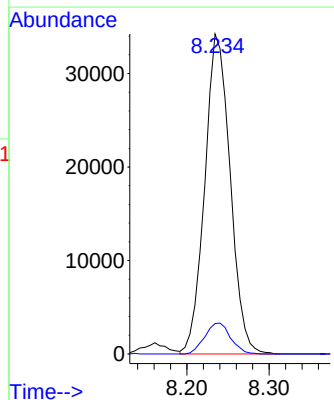
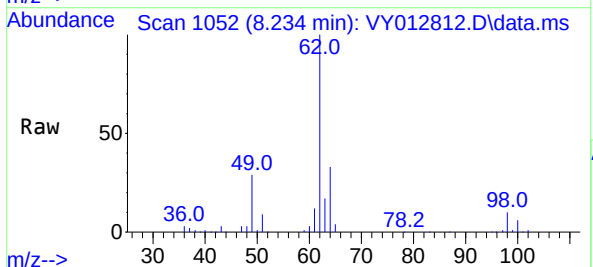
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

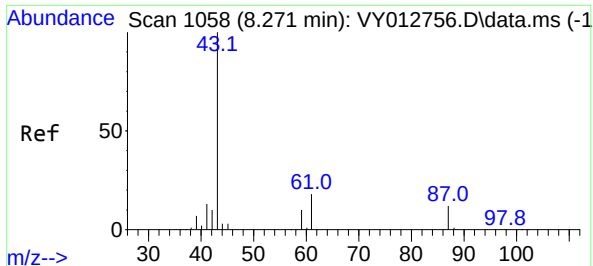
Tgt Ion: 41 Resp: 69100
Ion Ratio Lower Upper
41 100
39 25.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.512 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 62 Resp: 73591
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.8

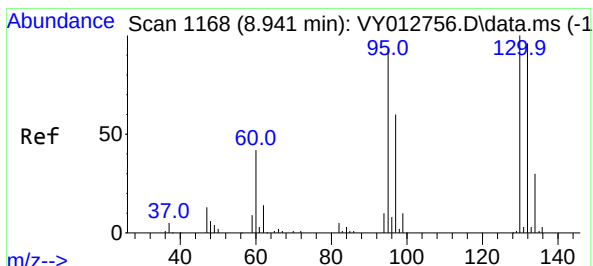
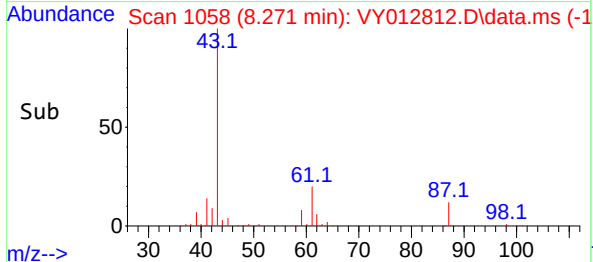
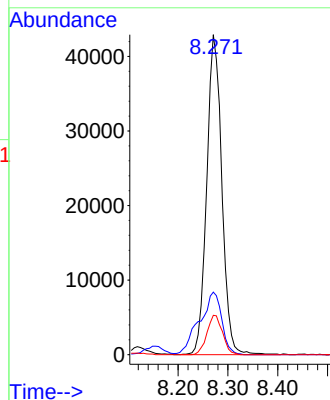
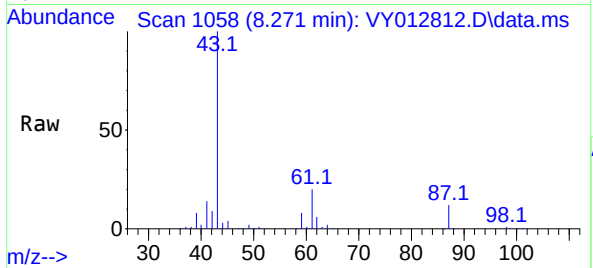




#43
Isopropyl Acetate
Concen: 45.035 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

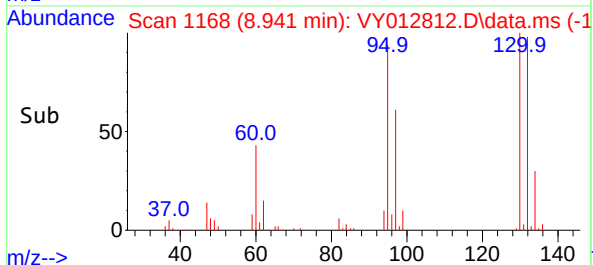
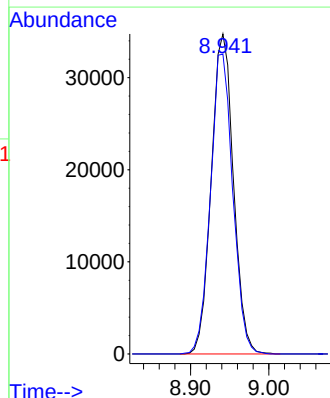
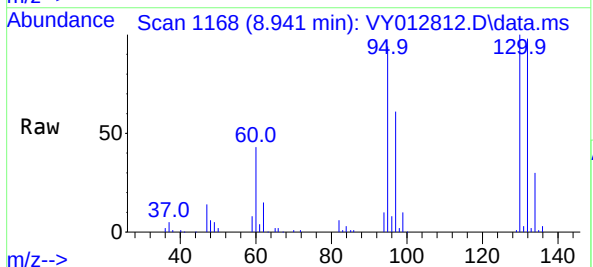
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

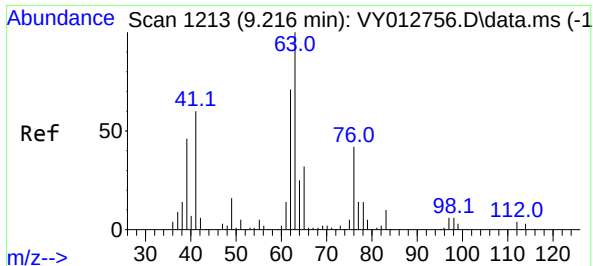
Tgt Ion: 43 Resp: 90332
Ion Ratio Lower Upper
43 100
61 29.0 21.6 32.4
87 12.6 9.9 14.9



#44
Trichloroethene
Concen: 51.250 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 130 Resp: 68179
Ion Ratio Lower Upper
130 100
95 93.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 48.666 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

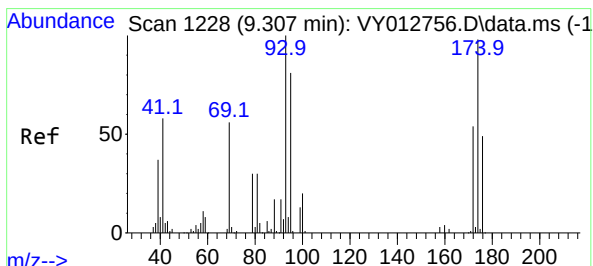
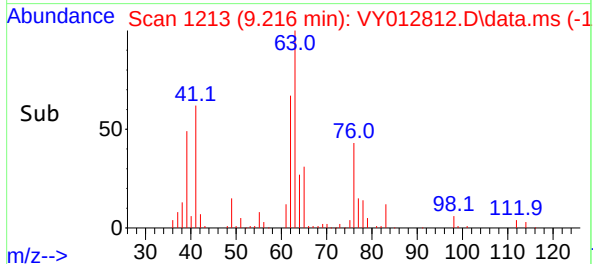
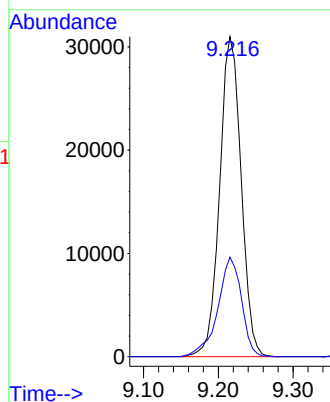
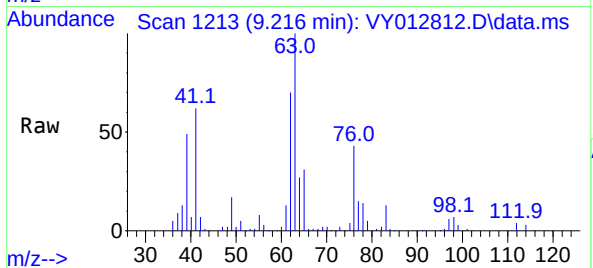
VSTDCCC050

Tgt Ion: 63 Resp: 62058

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 50.197 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

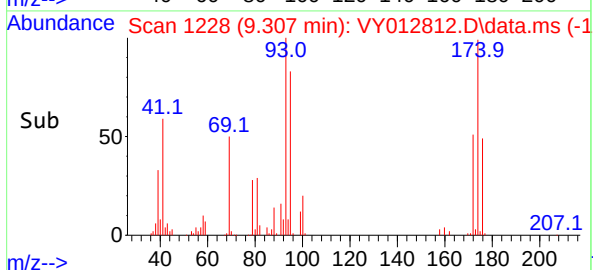
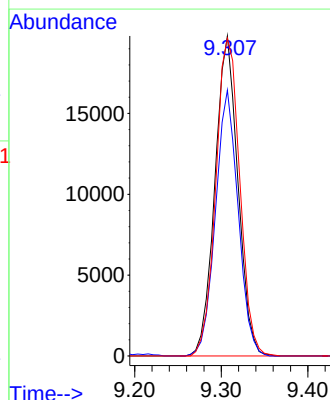
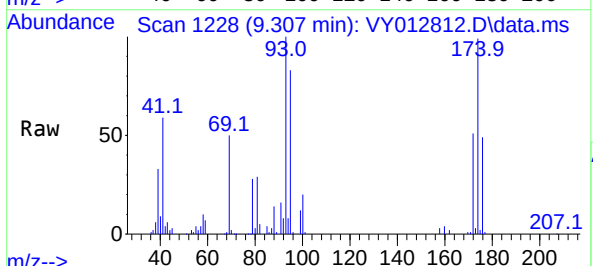
Tgt Ion: 93 Resp: 36467

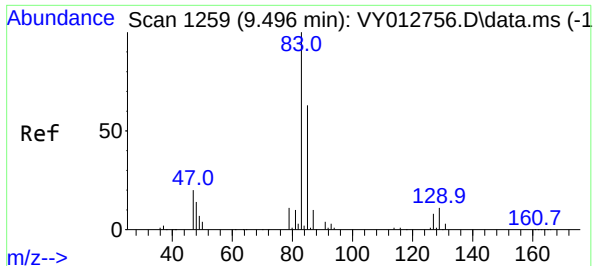
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 103.4 81.3 121.9

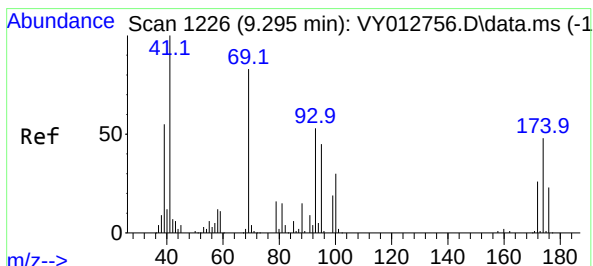
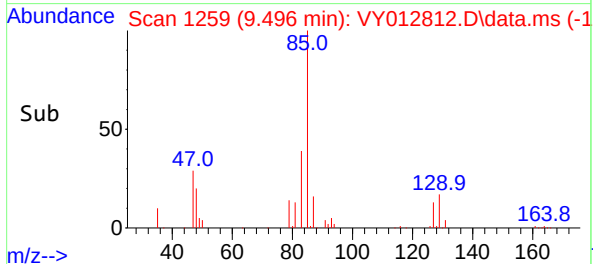
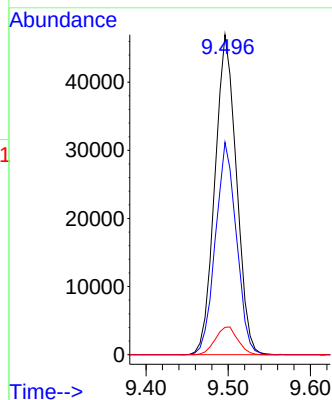
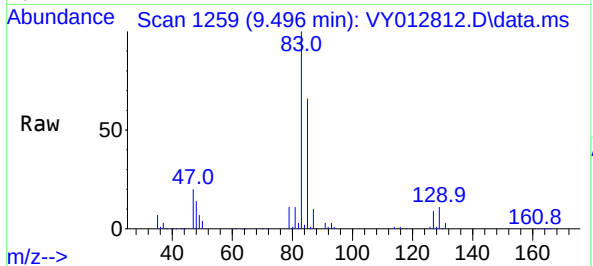




#47
Bromodichloromethane
Concen: 49.941 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

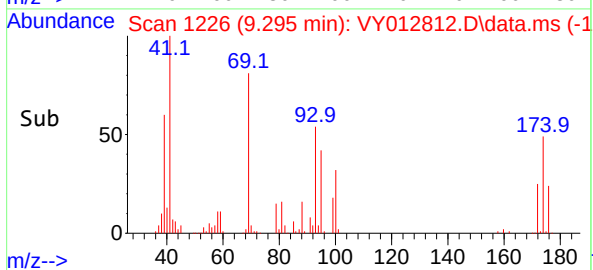
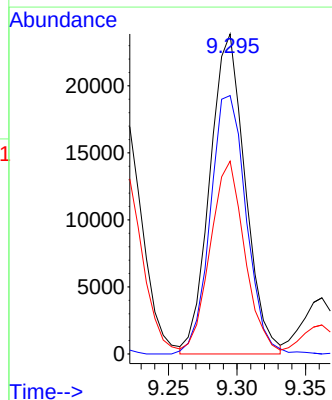
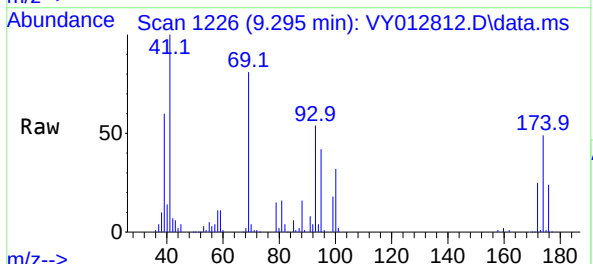
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

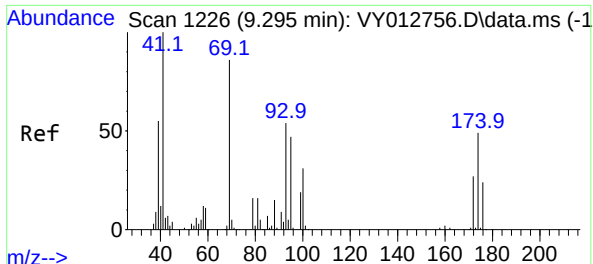
Tgt Ion:	83	Resp:	85497
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.2	75.4
127	8.6	6.3	9.5



#48
Methyl methacrylate
Concen: 46.232 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:	41	Resp:	42729
Ion	Ratio	Lower	Upper
41	100		
69	82.4	64.1	96.1
39	56.6	44.0	66.0

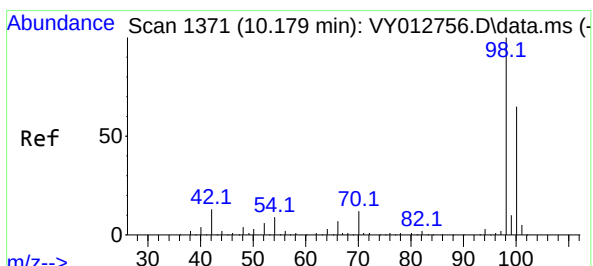
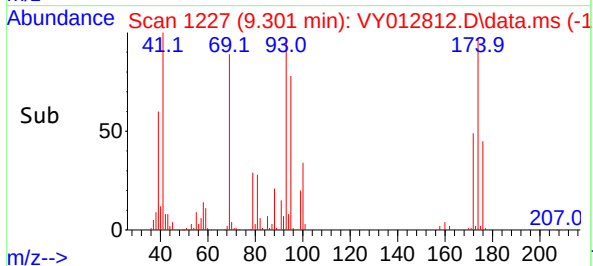
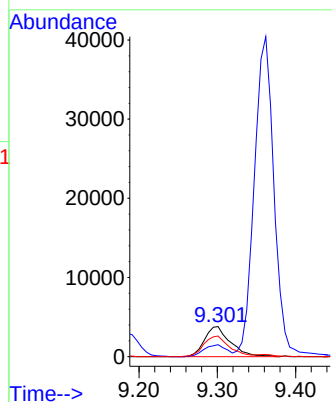
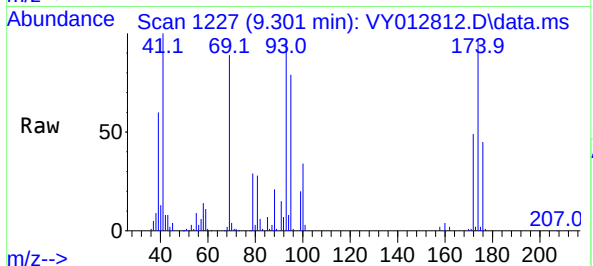




#49
1,4-Dioxane
Concen: 928.501 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

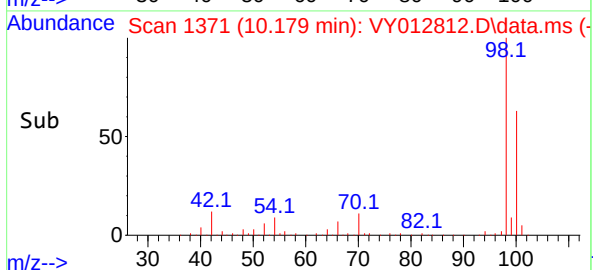
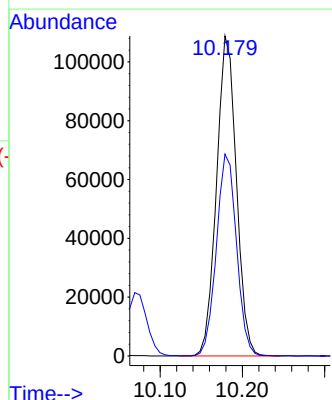
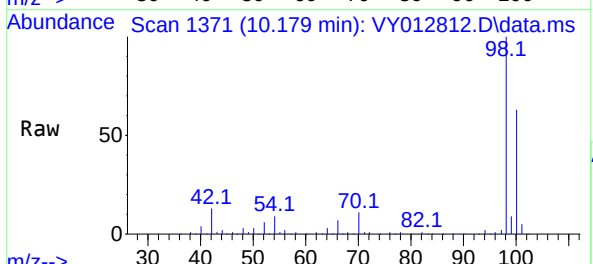
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

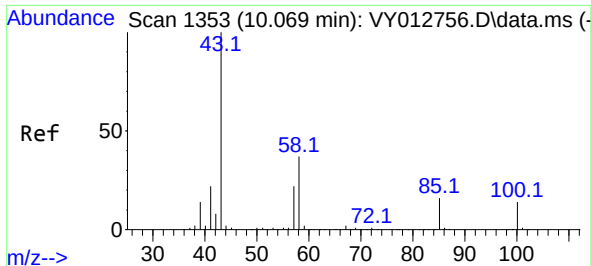
Tgt Ion: 88 Resp: 8720
Ion Ratio Lower Upper
88 100
43 34.6 28.6 42.8
58 67.7 55.2 82.8



#50
Toluene-d8
Concen: 46.949 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 98 Resp: 182693
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

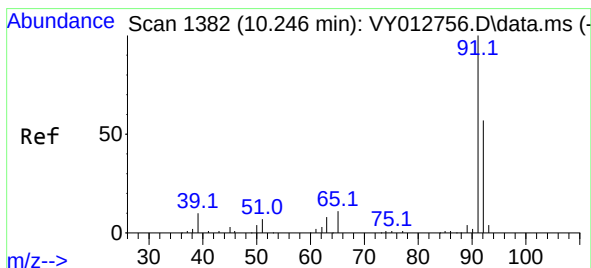
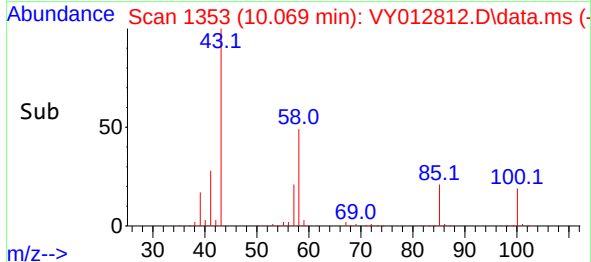
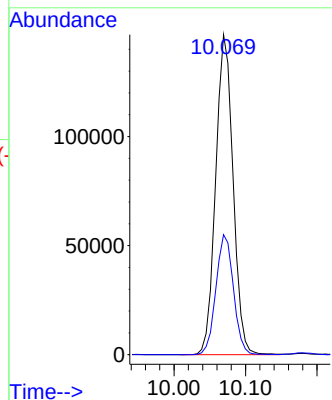
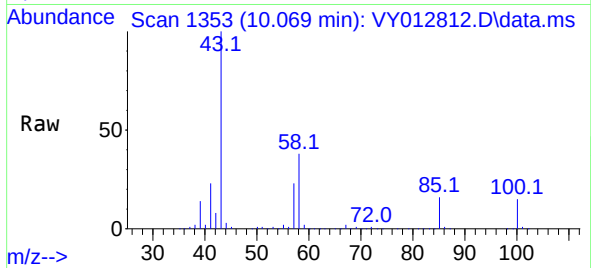




#51
4-Methyl-2-Pentanone
Concen: 227.812 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

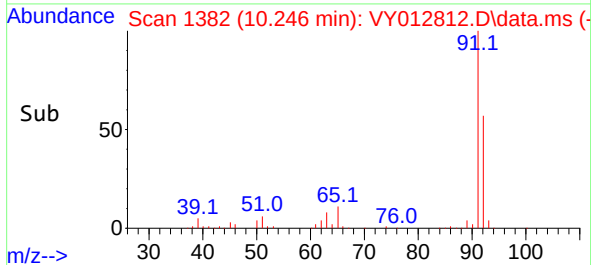
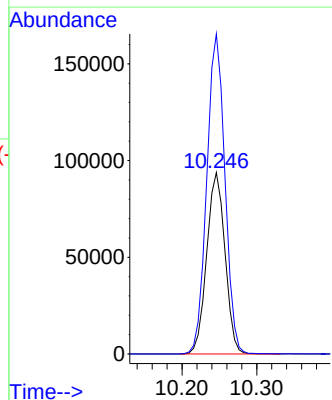
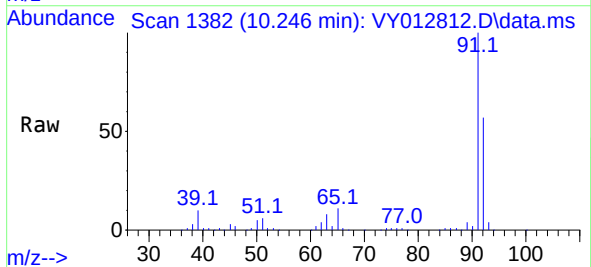
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

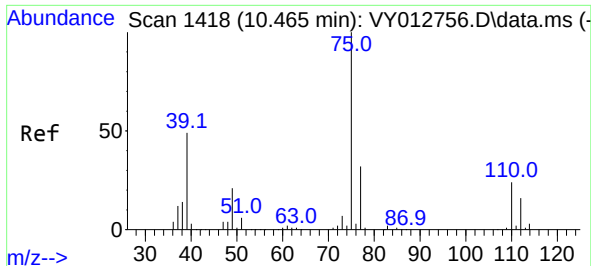
Tgt Ion: 43 Resp: 247866
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 52.250 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 92 Resp: 158996
Ion Ratio Lower Upper
92 100
91 175.3 141.3 211.9

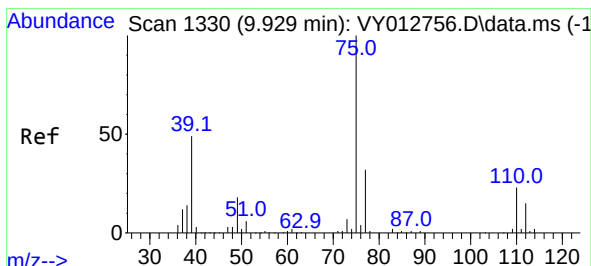
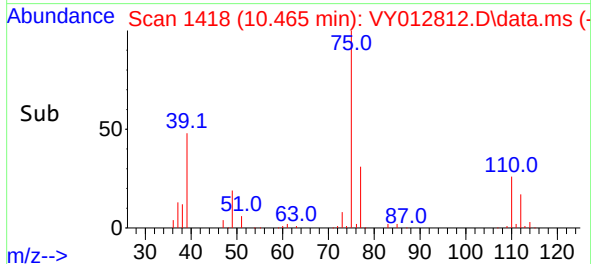
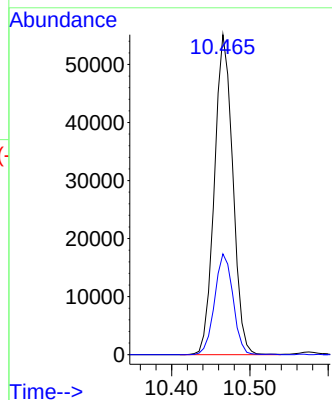
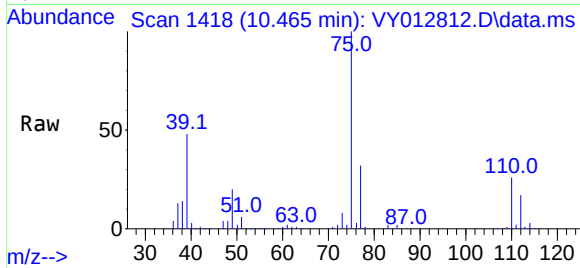




#53
t-1,3-Dichloropropene
Concen: 50.085 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

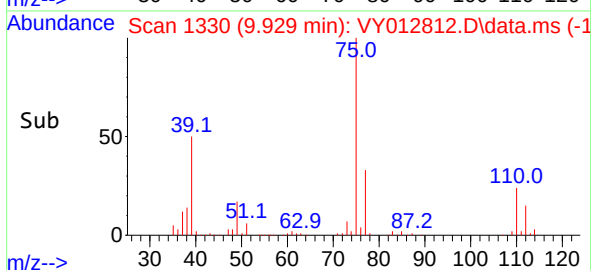
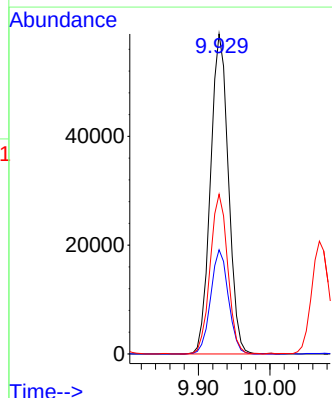
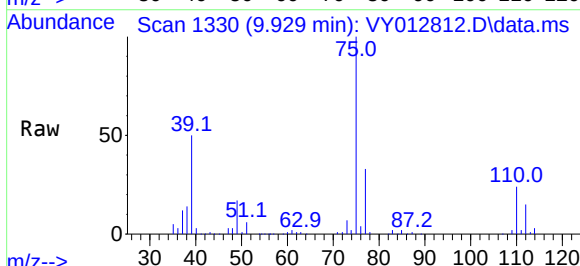
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

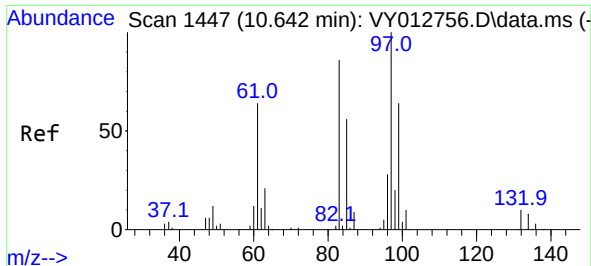
Tgt Ion: 75 Resp: 89936
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.384 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 75 Resp: 102405
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 49.9 39.0 58.4

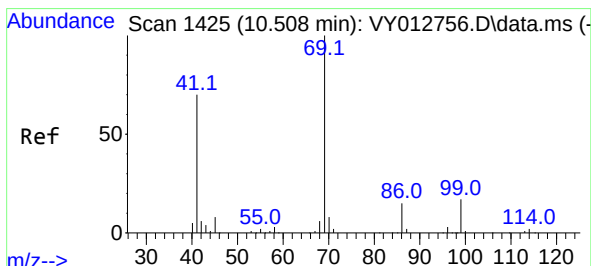
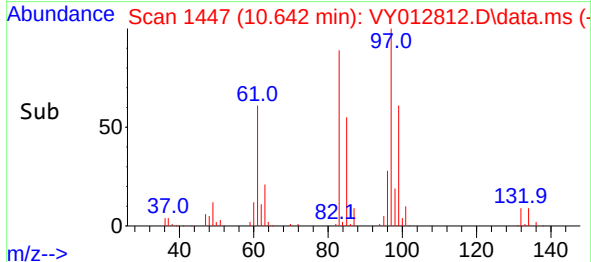
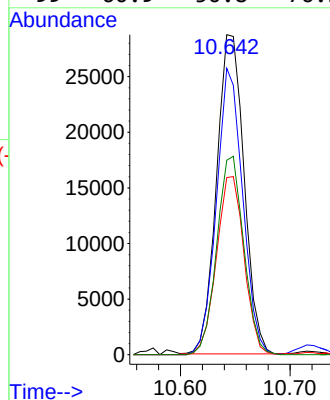
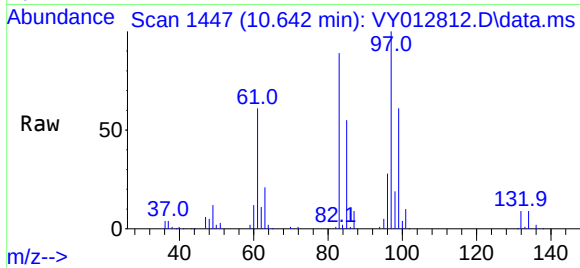




#55
1,1,2-Trichloroethane
Concen: 49.467 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

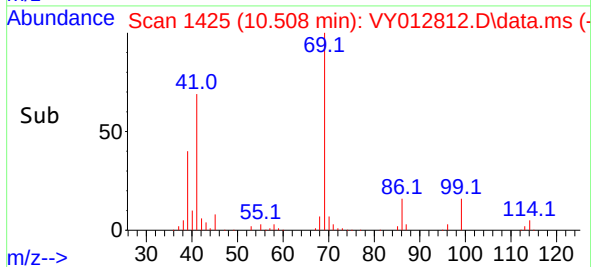
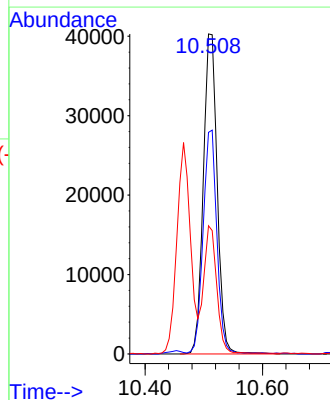
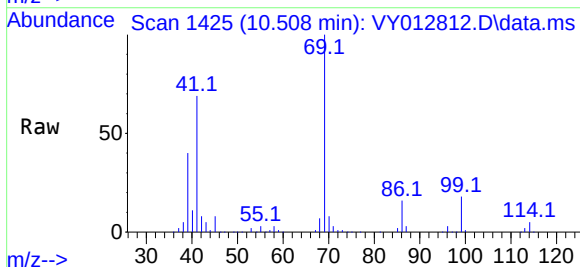
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

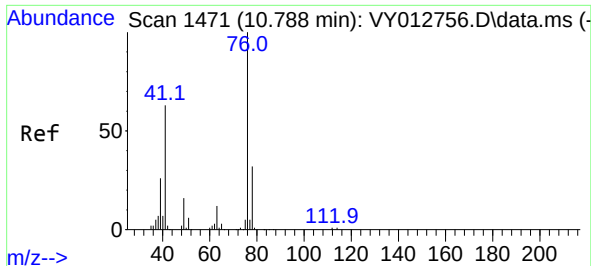
Tgt Ion:	97	Resp:	50047
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.0	103.6
85	55.5	44.9	67.3
99	60.9	50.8	76.2



#56
Ethyl methacrylate
Concen: 49.200 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:	69	Resp:	66372
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.4	84.6
39	36.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 49.374 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

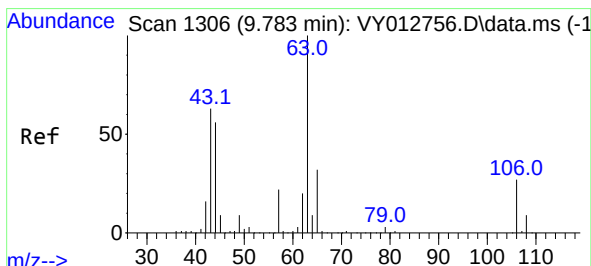
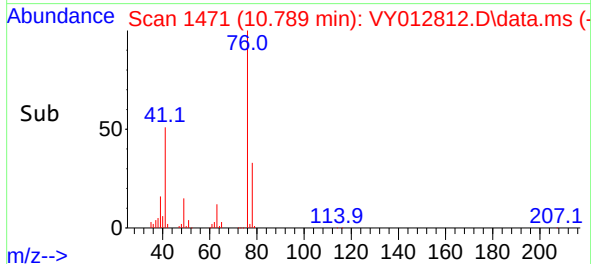
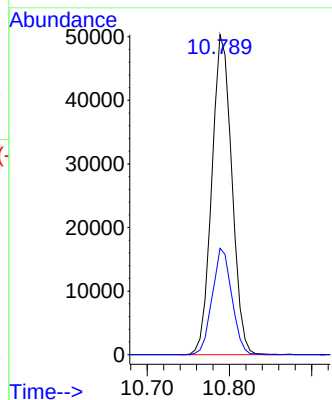
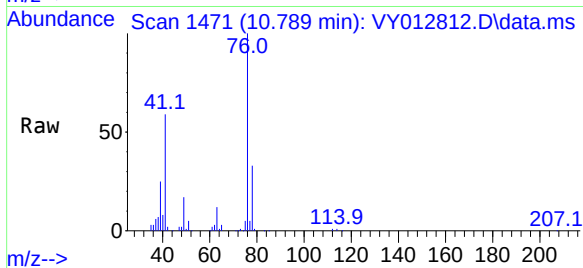
VSTDCCC050

Tgt Ion: 76 Resp: 85082

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.057 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012812.D

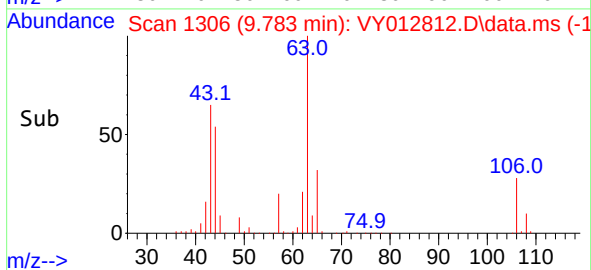
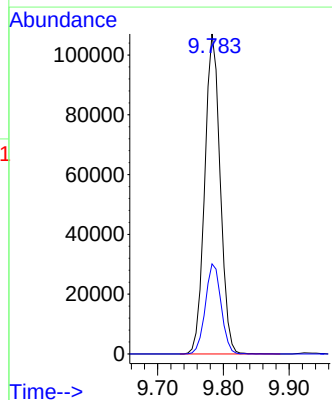
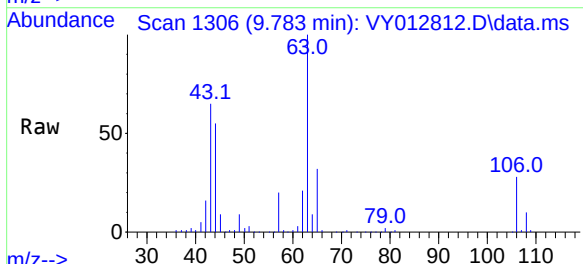
Acq: 06 Mar 2023 10:21

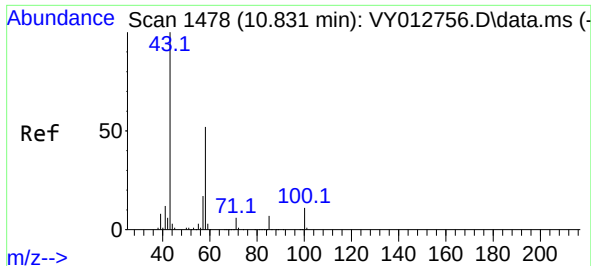
Tgt Ion: 63 Resp: 174961

Ion Ratio Lower Upper

63 100

106 28.7 22.1 33.1

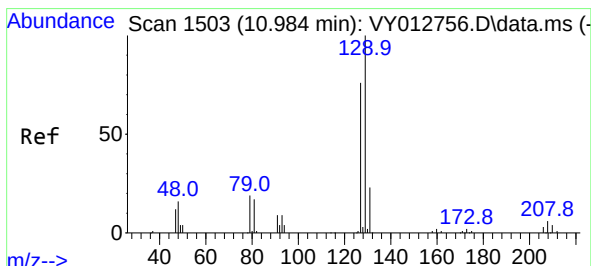
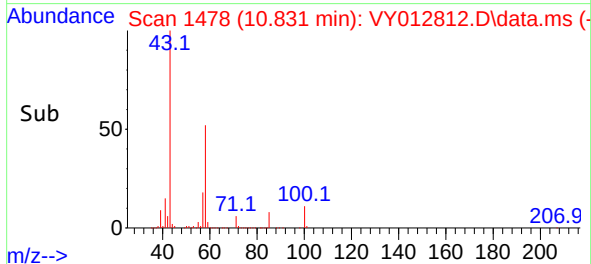
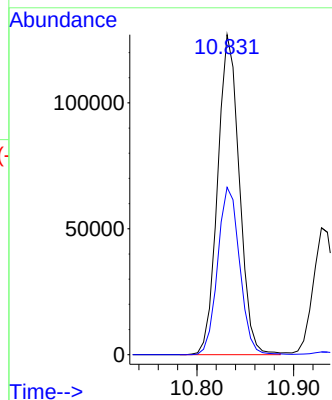
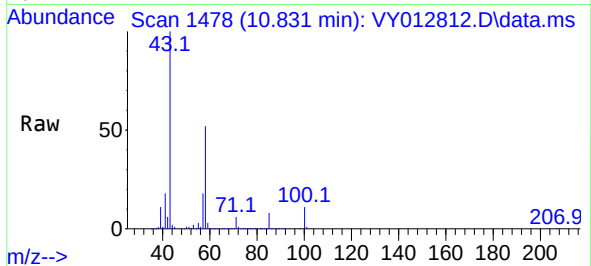




#59
2-Hexanone
Concen: 250.030 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

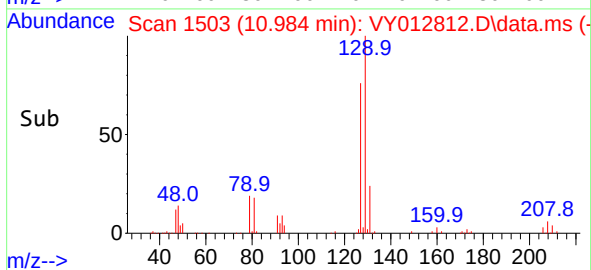
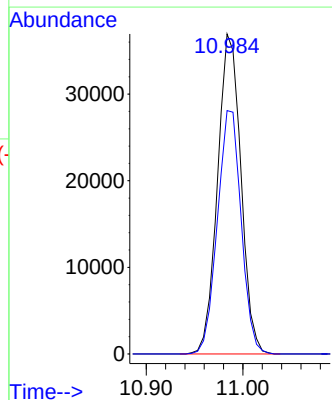
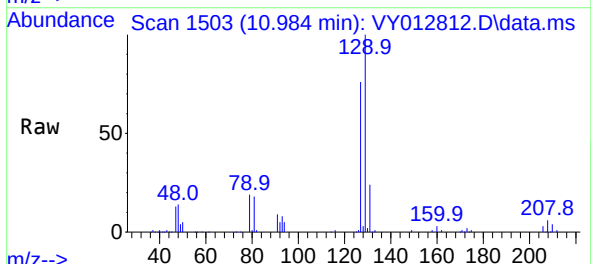
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

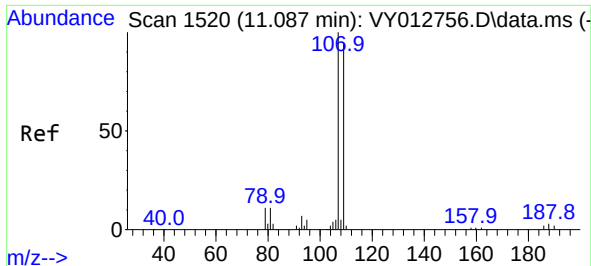
Tgt Ion: 43 Resp: 197714
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 50.301 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 129 Resp: 61948
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

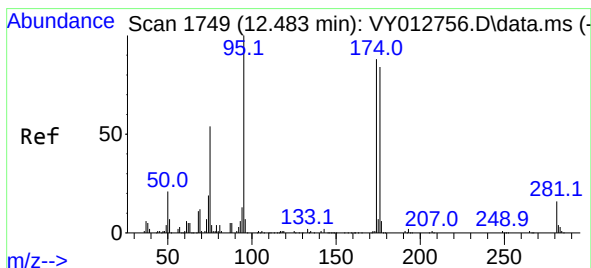
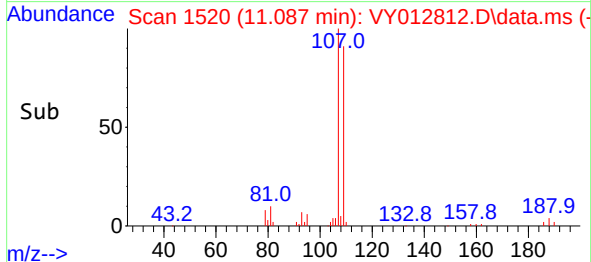
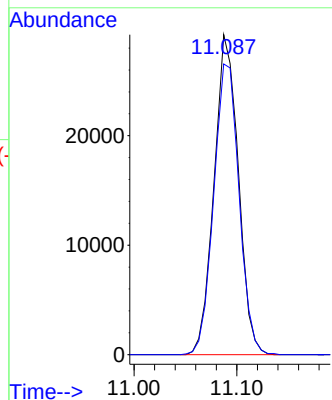
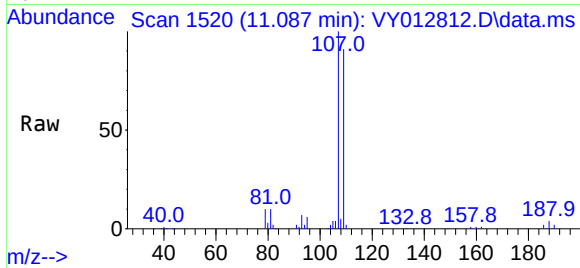




#61
1,2-Dibromoethane
Concen: 49.101 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

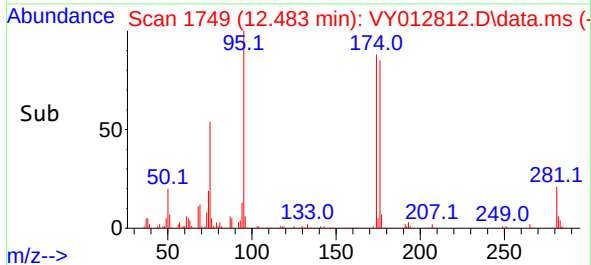
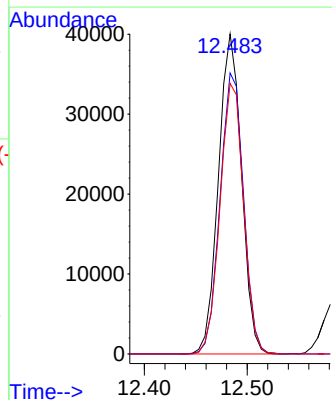
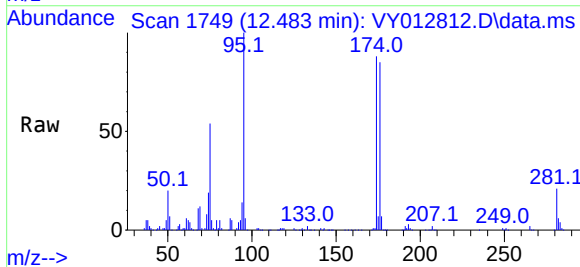
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

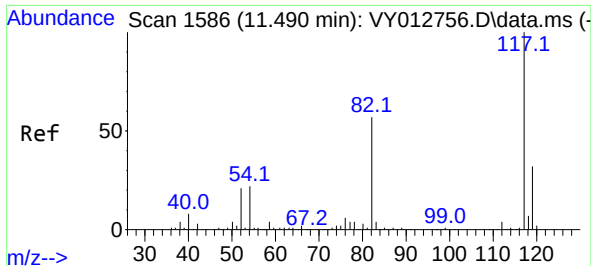
Tgt Ion:107 Resp: 47853
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 95 Resp: 62283
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.3 0.0 170.2

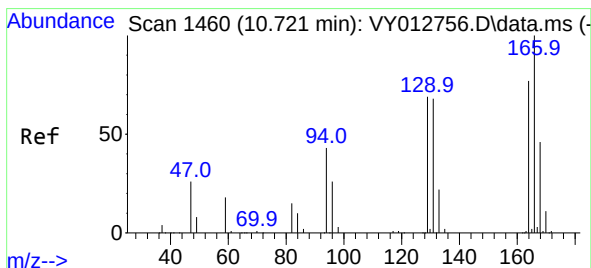
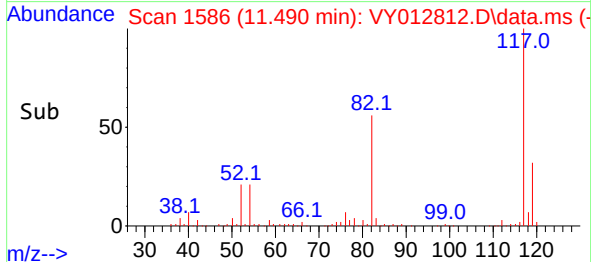
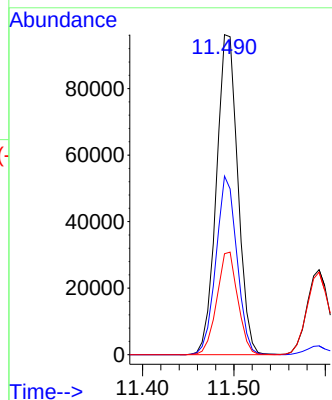
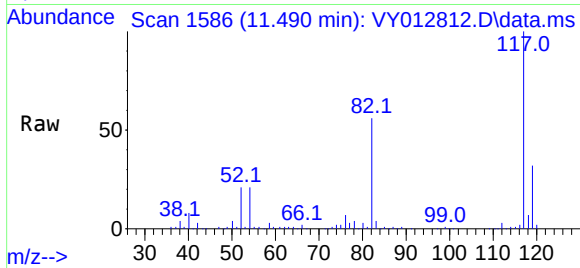




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

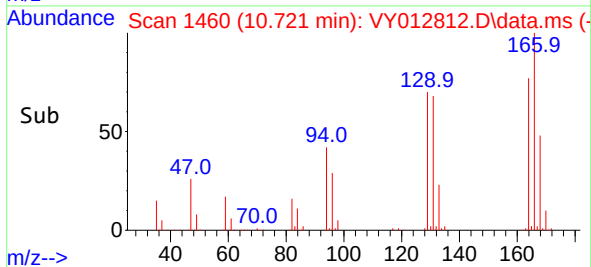
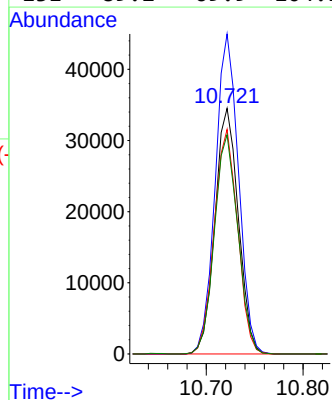
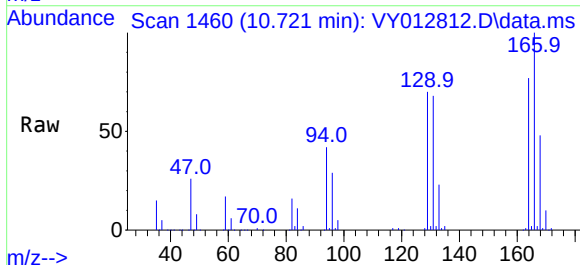
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

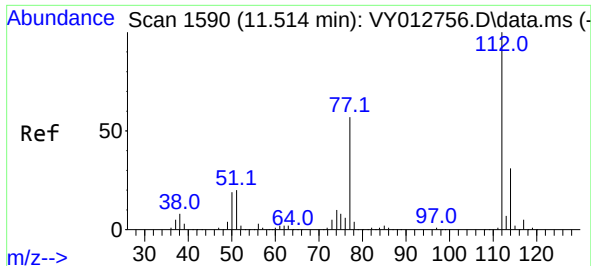
Tgt Ion:117 Resp: 156809
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 50.846 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:164 Resp: 58050
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.2
129 91.4 71.4 107.2
131 89.2 69.9 104.9

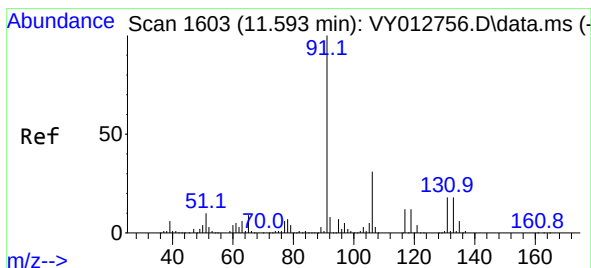
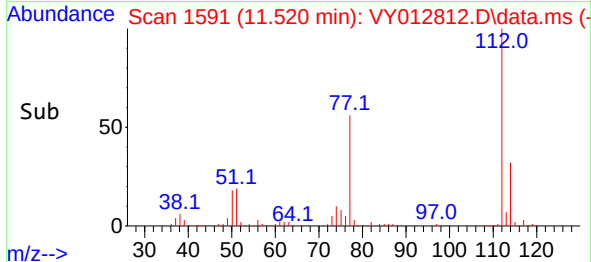
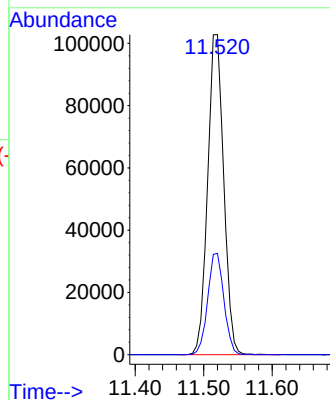
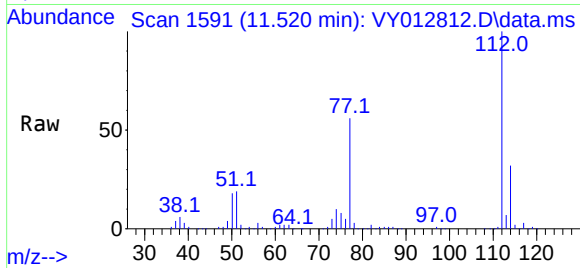




#65
Chlorobenzene
Concen: 50.969 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

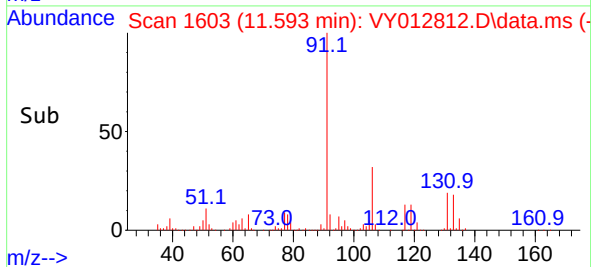
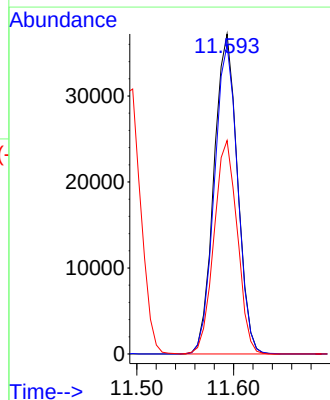
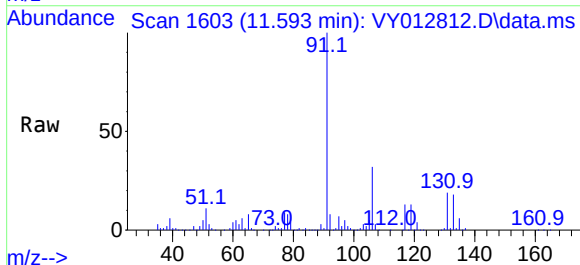
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

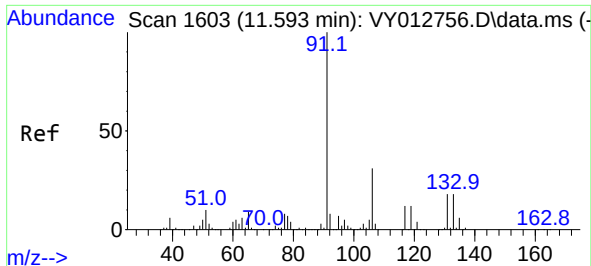
Tgt Ion:112 Resp: 167740
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.411 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:131 Resp: 62608
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 66.3 32.6 98.0

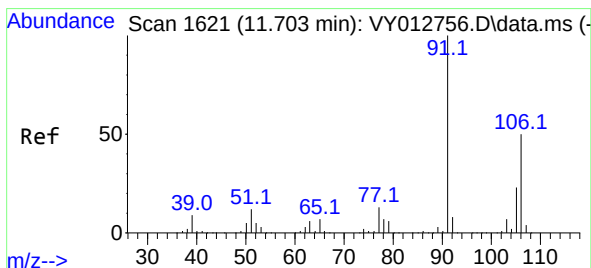
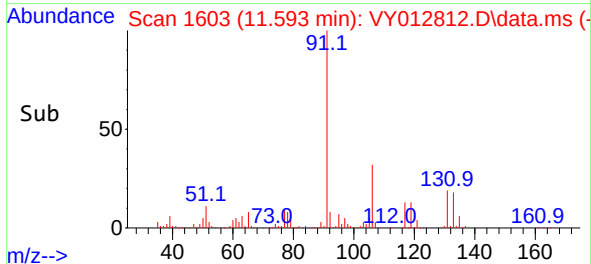
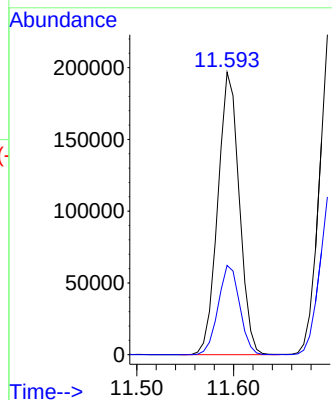
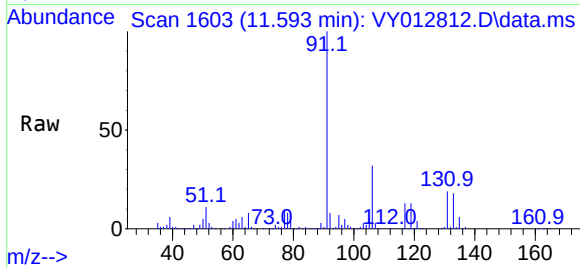




#67
Ethyl Benzene
Concen: 52.263 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

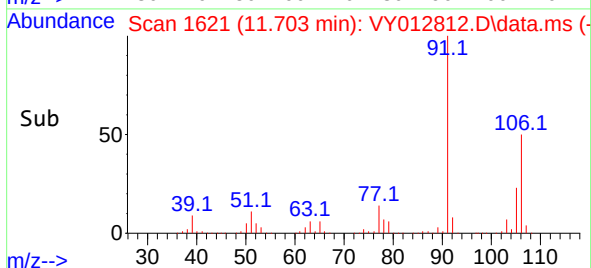
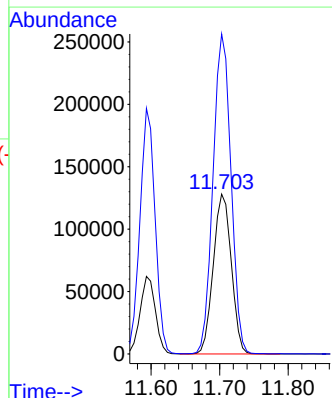
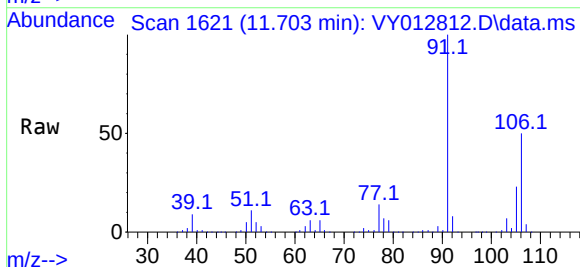
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

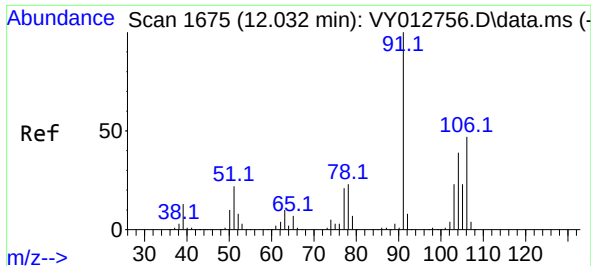
Tgt Ion: 91 Resp: 302403
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 105.144 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:106 Resp: 234042
Ion Ratio Lower Upper
106 100
91 198.9 159.8 239.8

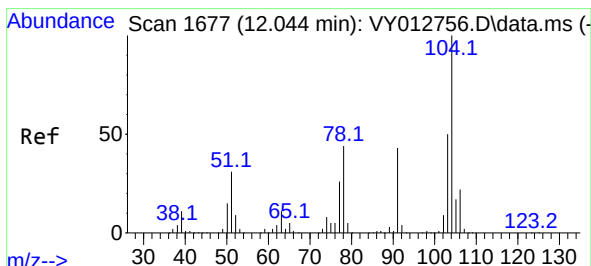
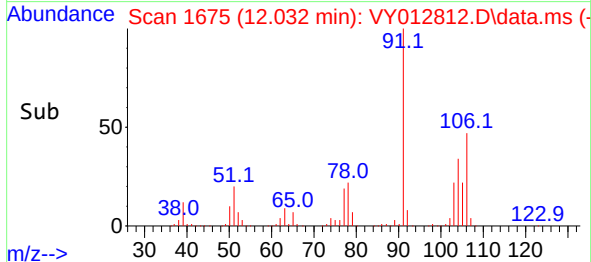
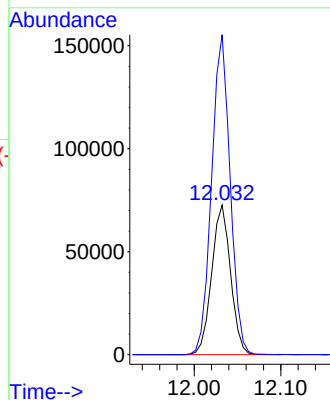
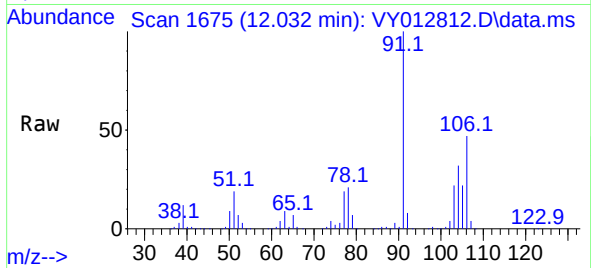




#69
o-Xylene
Concen: 52.889 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

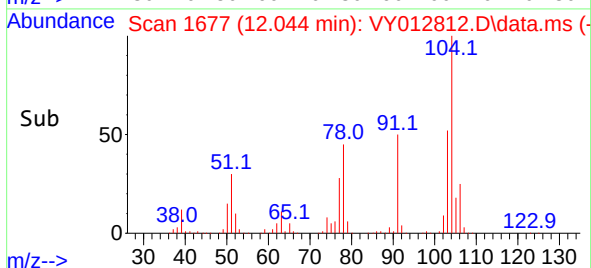
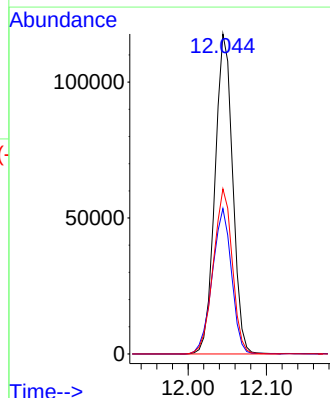
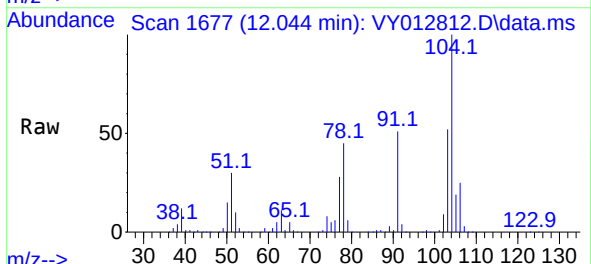
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

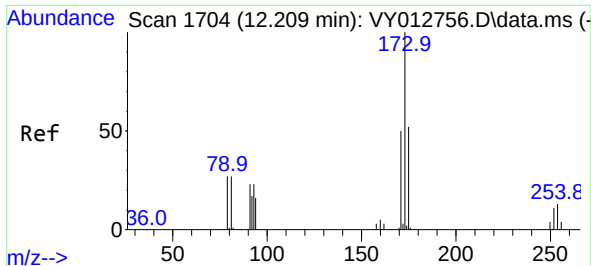
Tgt Ion:106 Resp: 109872
Ion Ratio Lower Upper
106 100
91 210.7 107.2 321.6



#70
Styrene
Concen: 53.441 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:104 Resp: 185268
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.3 43.7 65.5

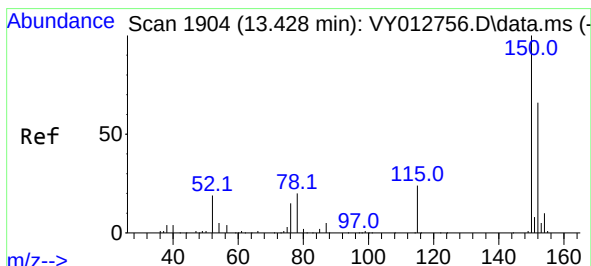
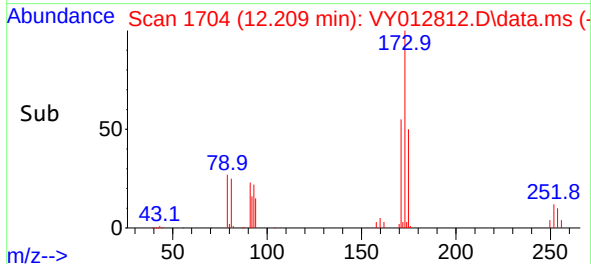
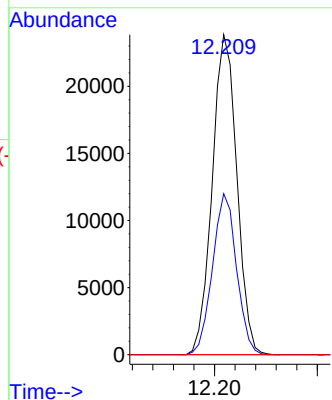
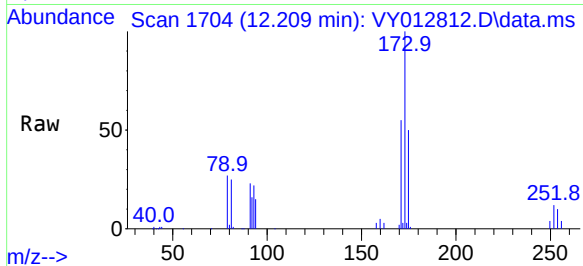




#71
Bromoform
Concen: 49.846 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

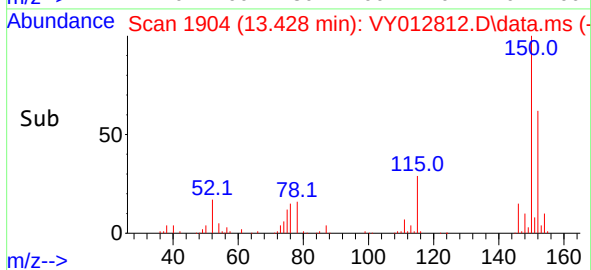
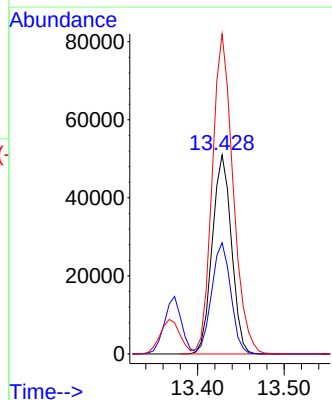
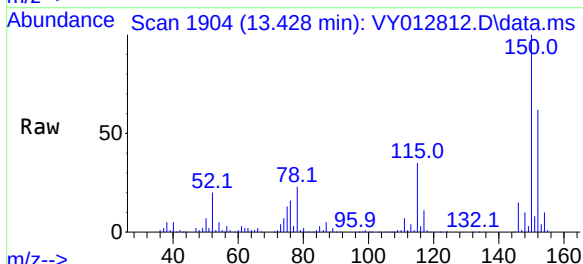
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

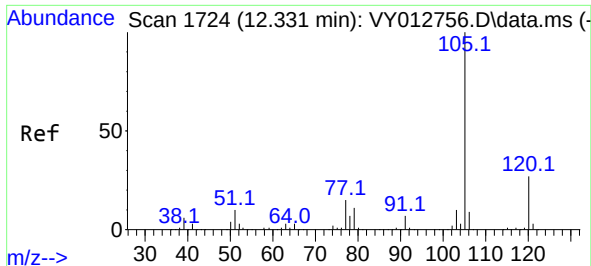
Tgt Ion:173 Resp: 39578
Ion Ratio Lower Upper
173 100
175 49.1 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:152 Resp: 78611
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 174.4 0.0 347.8

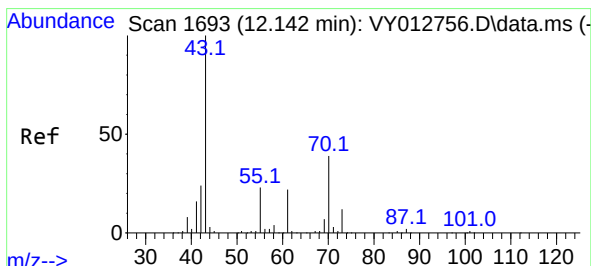
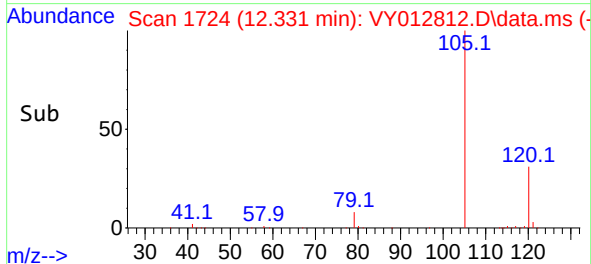
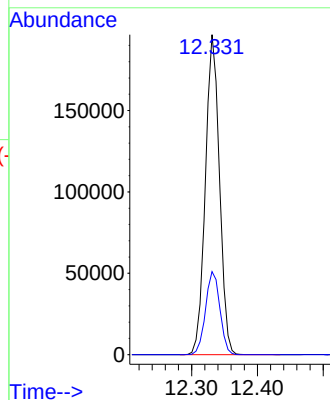
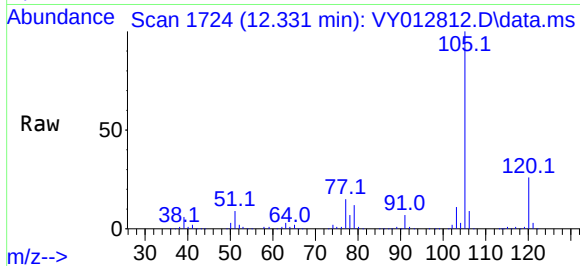




#73
Isopropylbenzene
Concen: 52.609 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

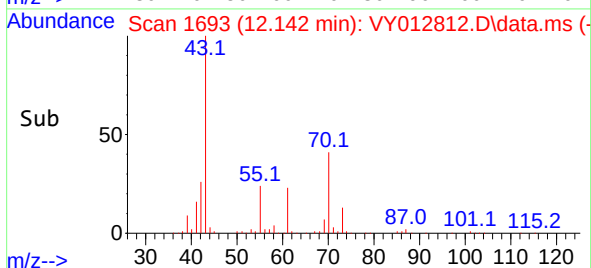
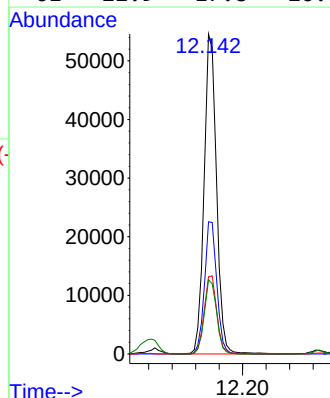
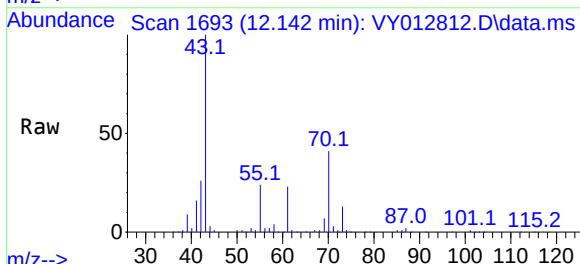
Instrument :
MSVOA_Y
ClientSampleId :
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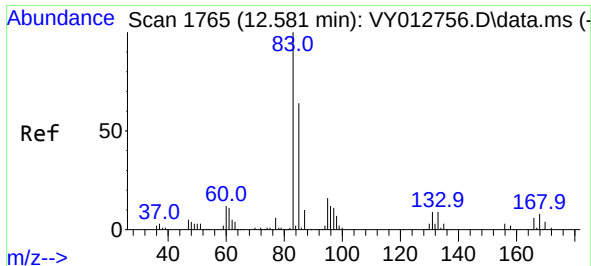
Tgt Ion:105 Resp: 293095
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 45.808 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 43 Resp: 80297
Ion Ratio Lower Upper
43 100
70 41.0 31.6 47.4
55 24.9 18.8 28.2
61 22.9 17.8 26.8

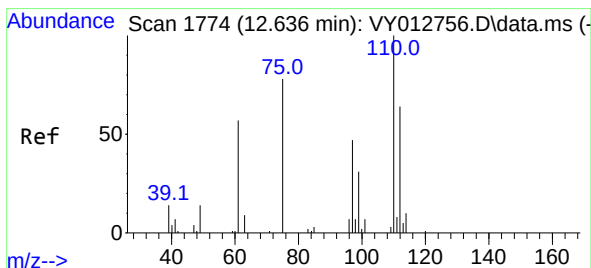
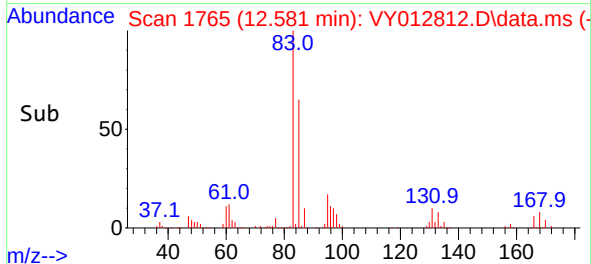
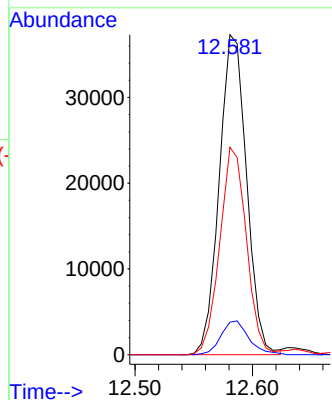
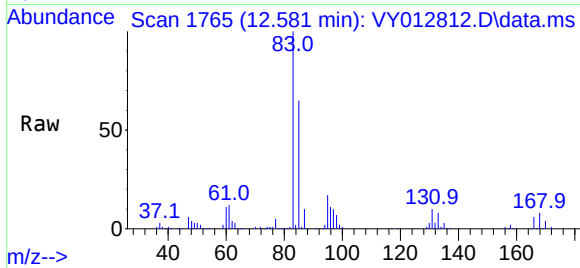




#75
1,1,2,2-Tetrachloroethane
Concen: 48.248 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

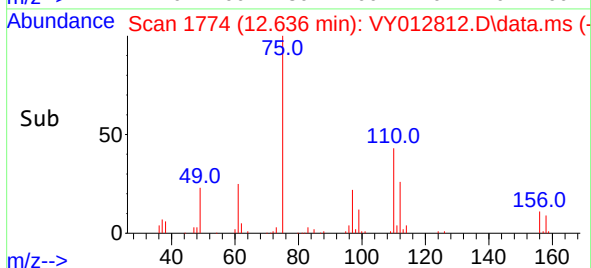
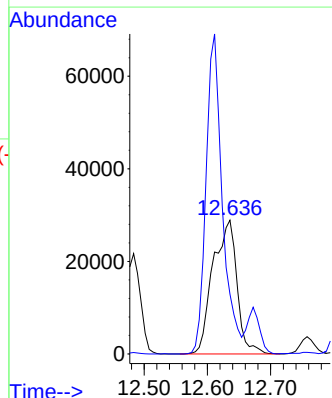
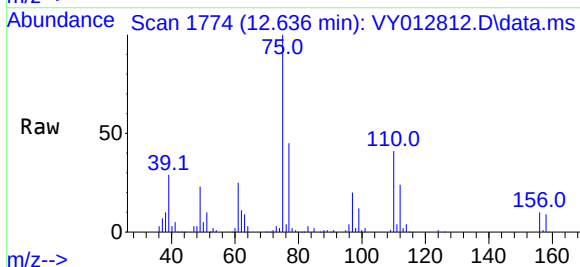
Instrument :
MSVOA_Y
ClientSampleId :
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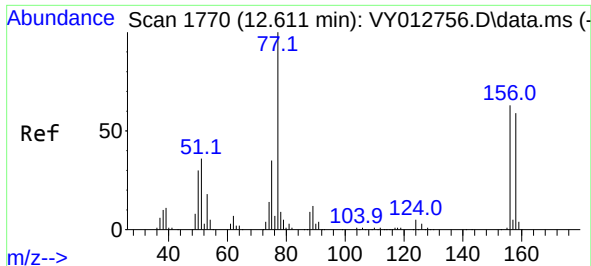
Tgt Ion: 83 Resp: 60424
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.2
85 63.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 81.365 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 75 Resp: 76381
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

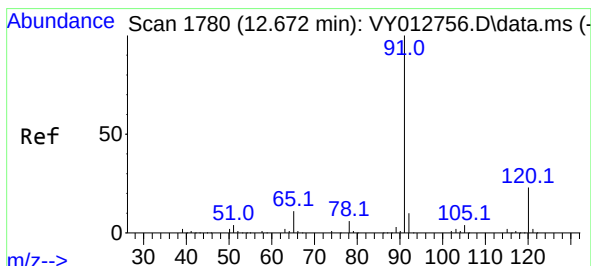
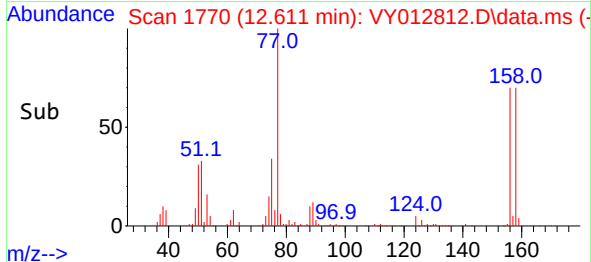
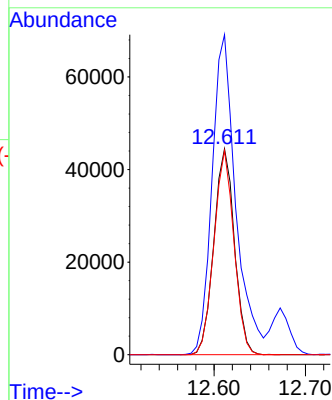
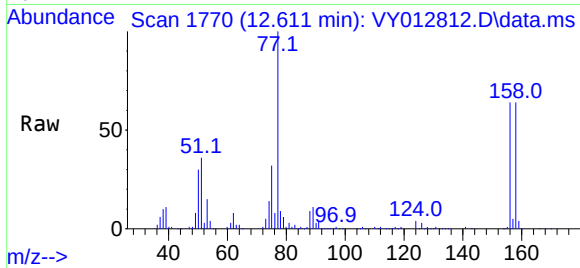




#77
Bromobenzene
Concen: 51.372 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

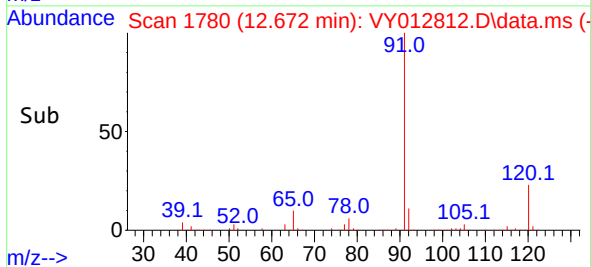
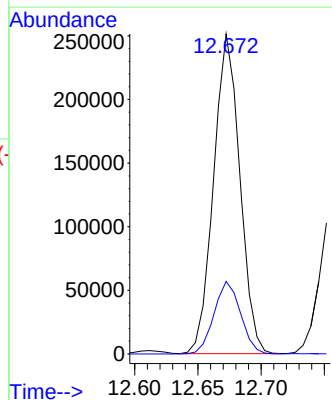
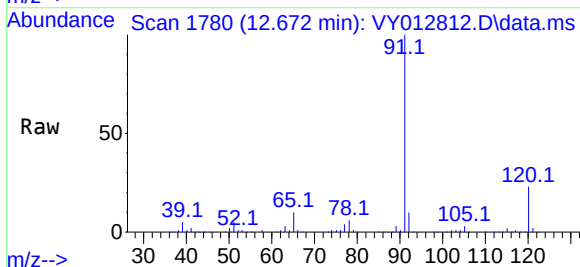
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

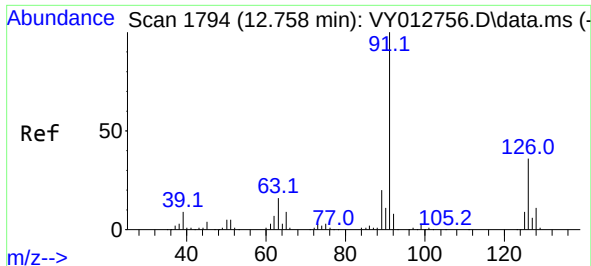
Tgt Ion:156 Resp: 69529
Ion Ratio Lower Upper
156 100
77 178.6 94.0 282.1
158 96.6 48.1 144.4



#78
n-propylbenzene
Concen: 52.650 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 91 Resp: 361640
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

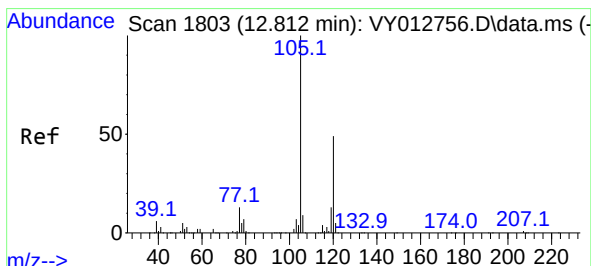
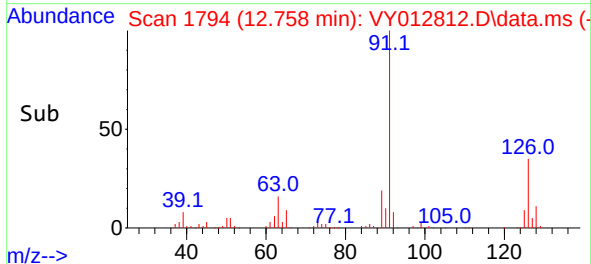
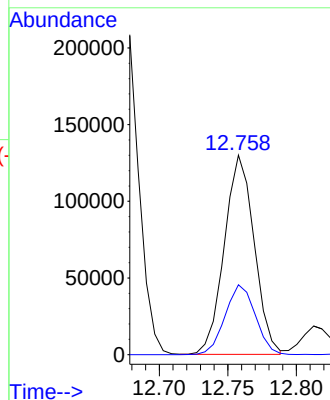
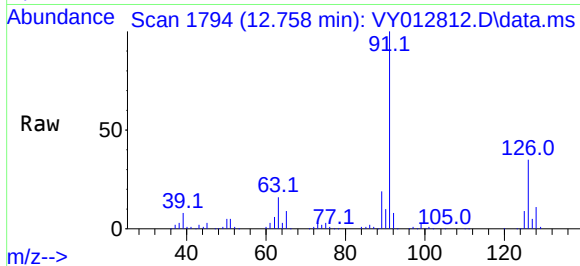




#79
2-Chlorotoluene
Concen: 51.605 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

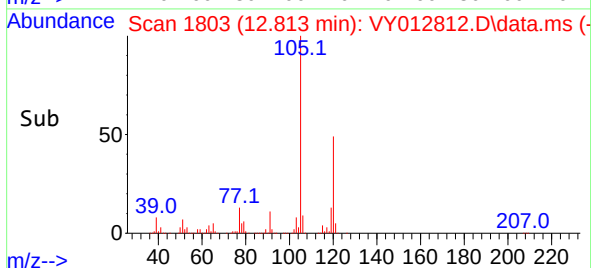
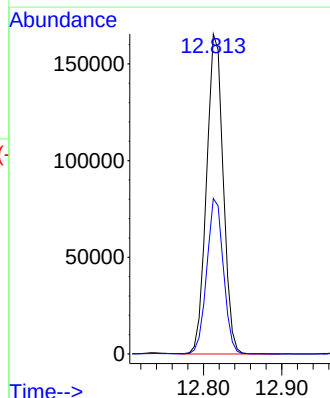
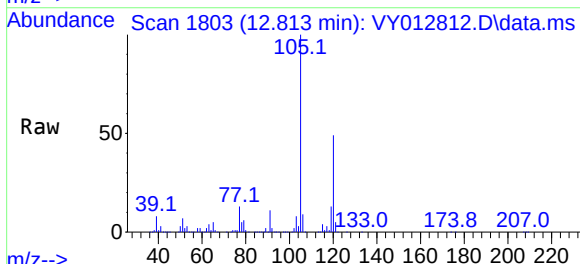
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

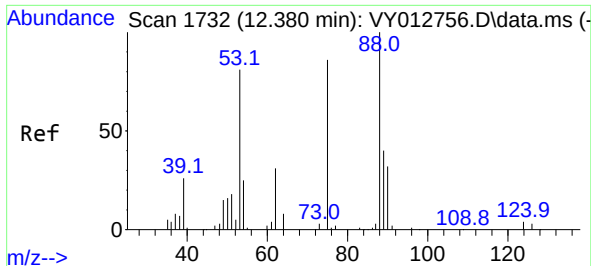
Tgt Ion: 91 Resp: 197002
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 53.028 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:105 Resp: 243808
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4

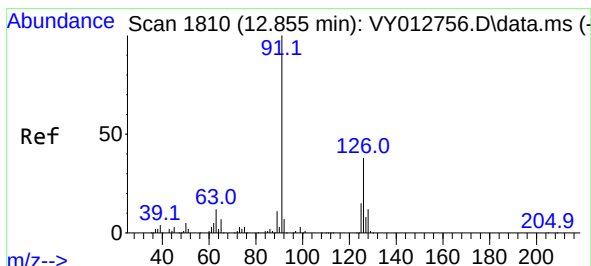
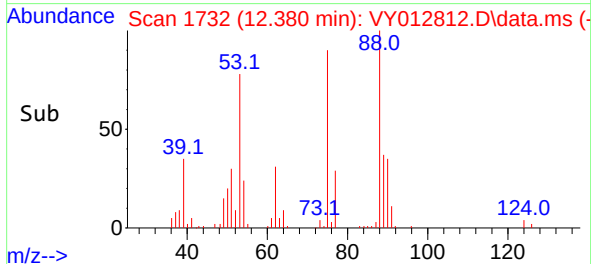
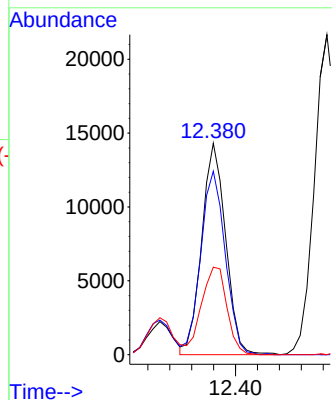
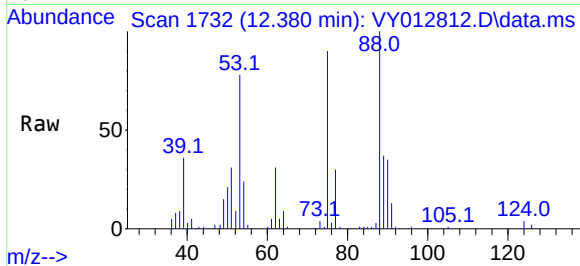




#81
trans-1,4-Dichloro-2-butene
Concen: 47.906 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

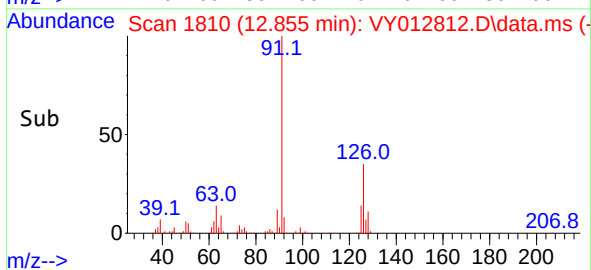
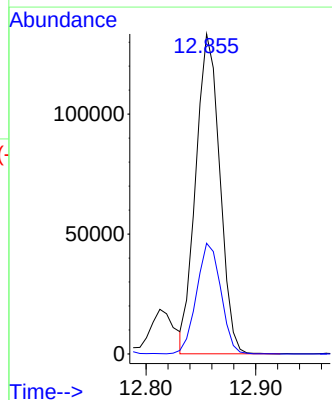
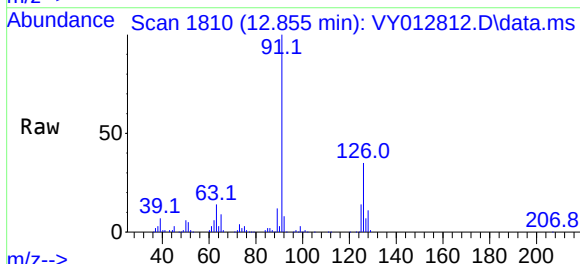
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

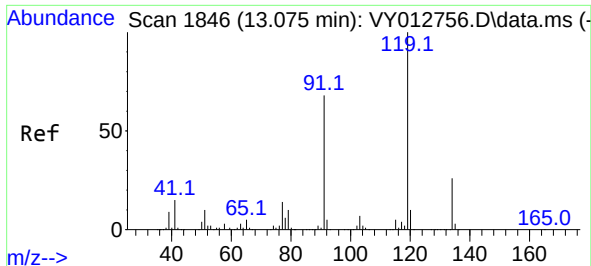
Tgt Ion: 75 Resp: 21704
Ion Ratio Lower Upper
75 100
53 89.2 73.4 110.0
89 43.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.220 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 91 Resp: 202405
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1

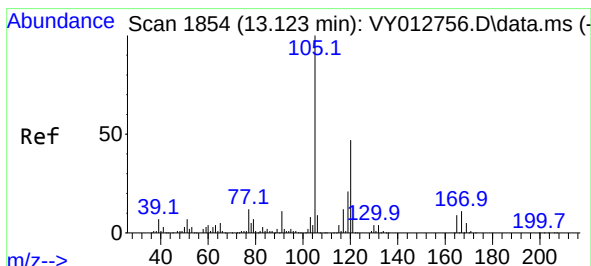
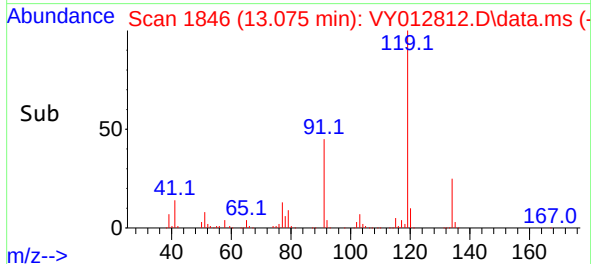
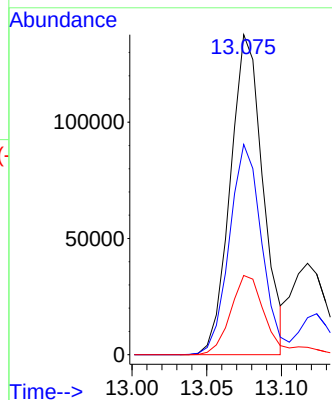
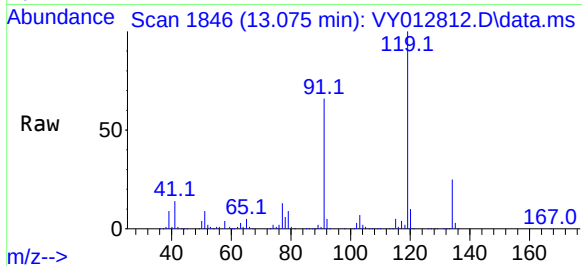




#83
tert-Butylbenzene
Concen: 52.549 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

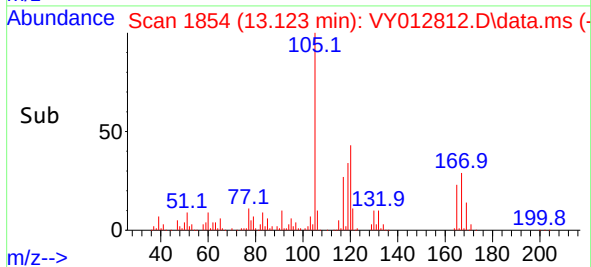
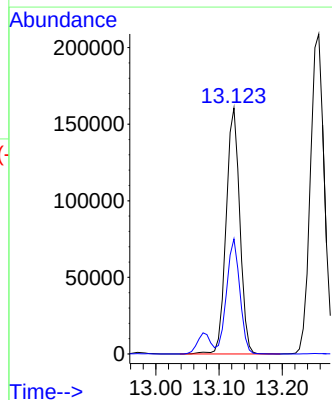
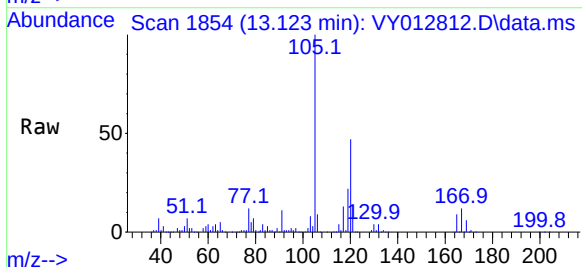
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

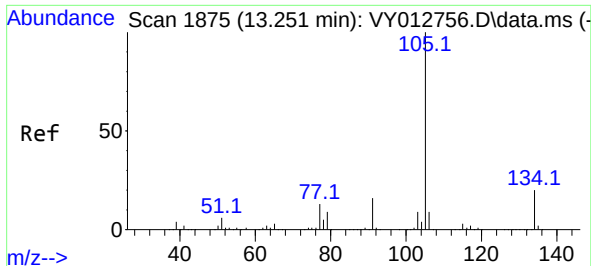
Tgt Ion:119 Resp: 208535
Ion Ratio Lower Upper
119 100
91 65.5 32.8 98.3
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.359 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:105 Resp: 239897
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0

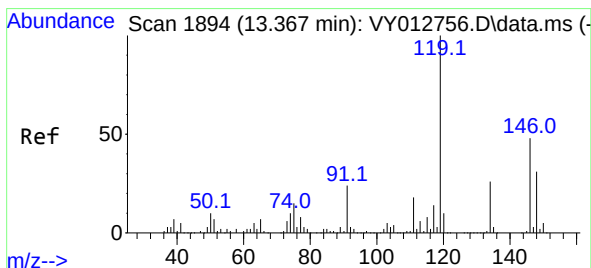
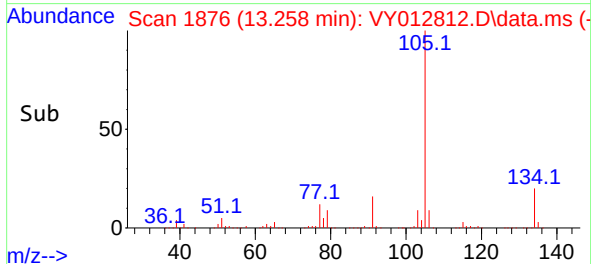
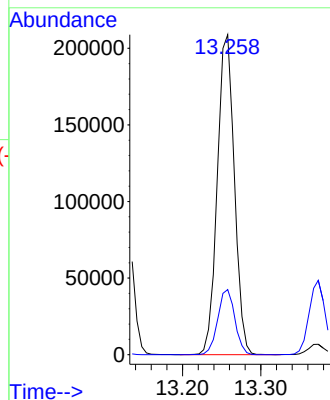
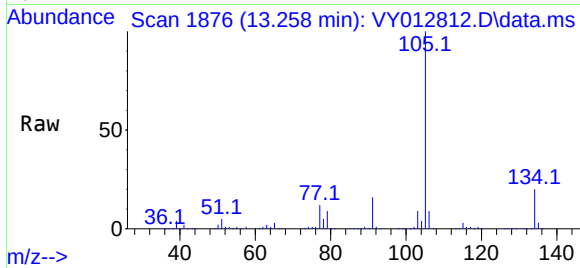




#85
 sec-Butylbenzene
 Concen: 52.291 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012812.D
 Acq: 06 Mar 2023 10:21

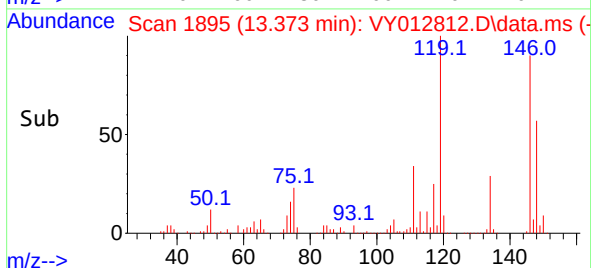
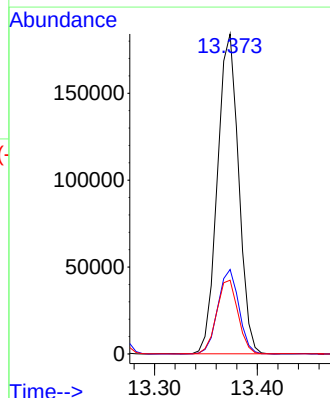
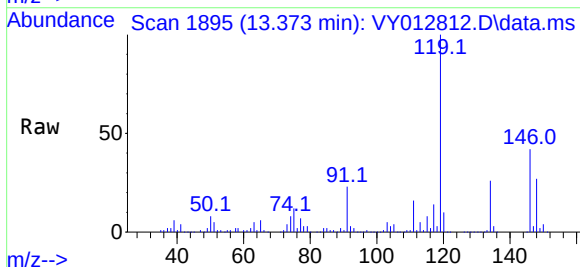
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

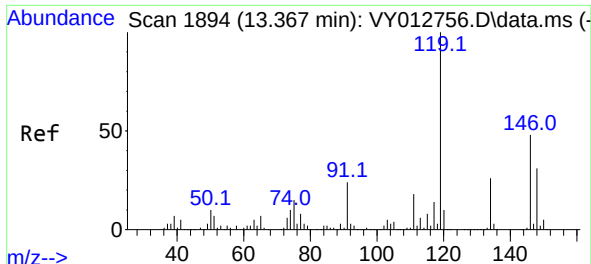
Tgt Ion:105 Resp: 316573
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.168 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012812.D
 Acq: 06 Mar 2023 10:21

Tgt Ion:119 Resp: 263070
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.963 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

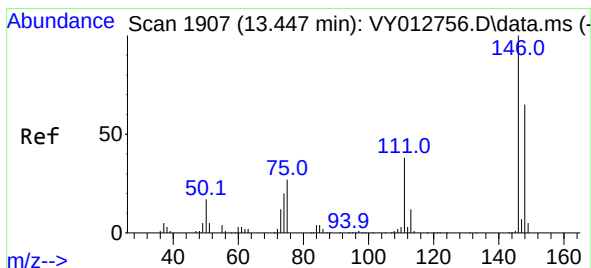
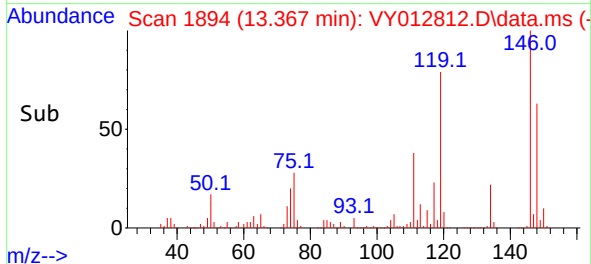
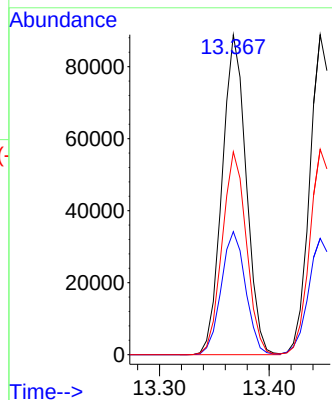
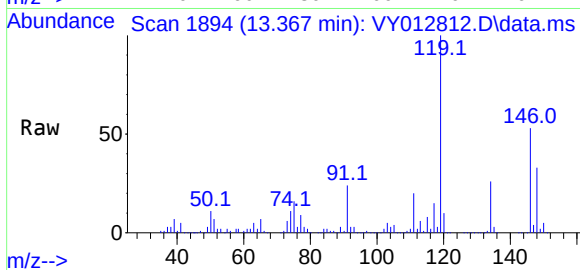
Tgt Ion:146 Resp: 135641

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.447 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

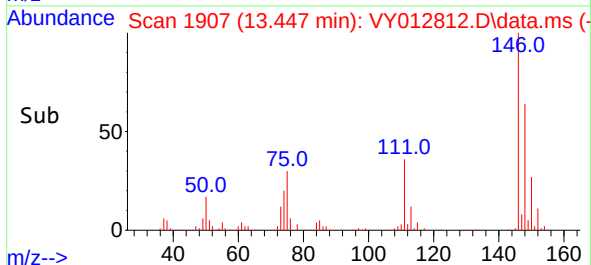
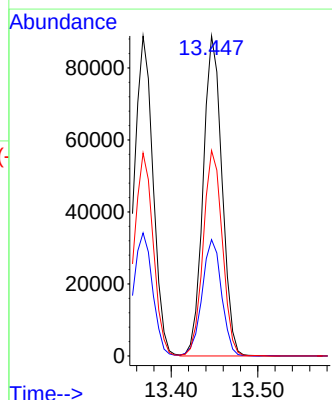
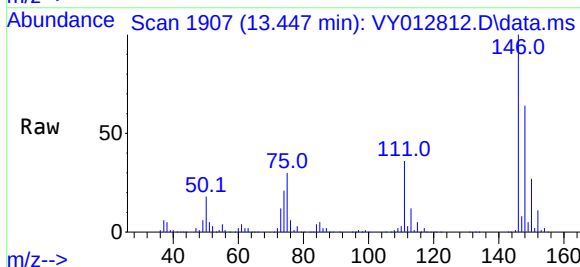
Tgt Ion:146 Resp: 134396

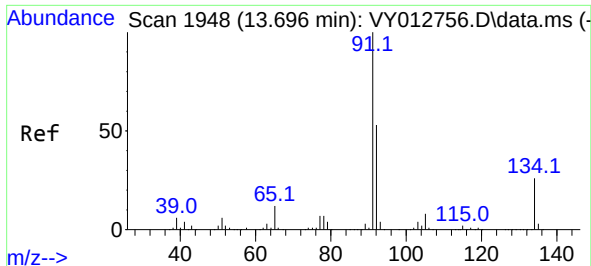
Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

148 65.1 31.5 94.5



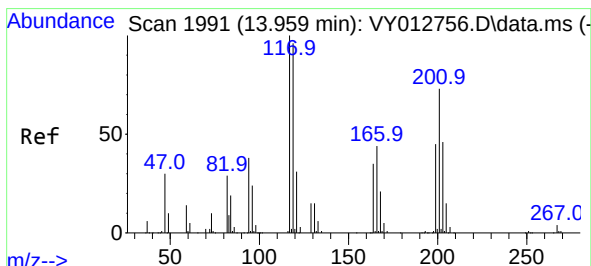
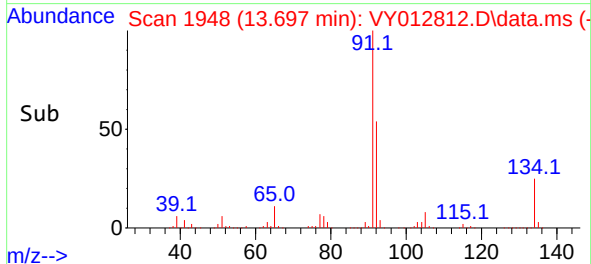
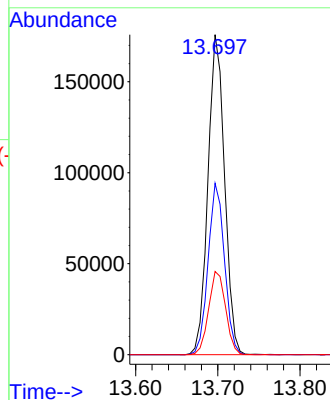
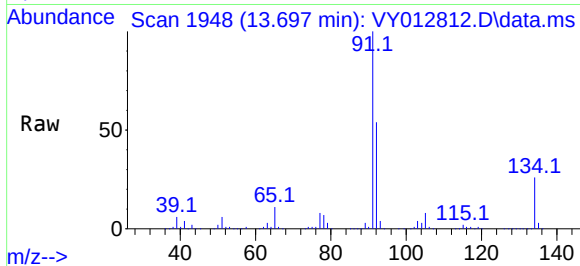


#89
n-Butylbenzene
Concen: 52.248 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 247485

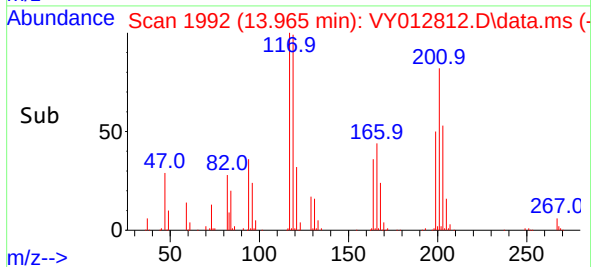
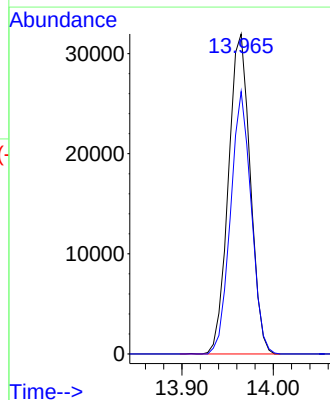
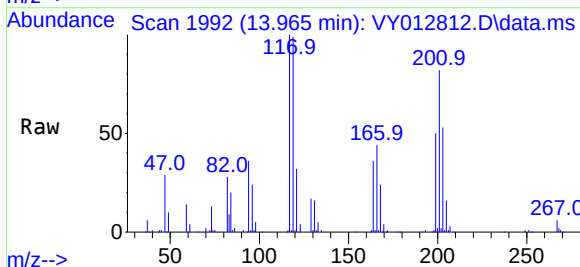
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	26.5	13.0	38.9

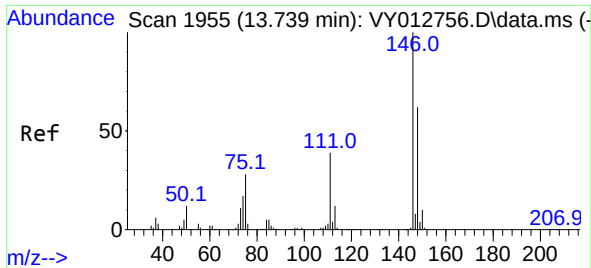


#90
Hexachloroethane
Concen: 51.456 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion: 117 Resp: 53027

Ion	Ratio	Lower	Upper
117	100		
201	77.8	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 51.352 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

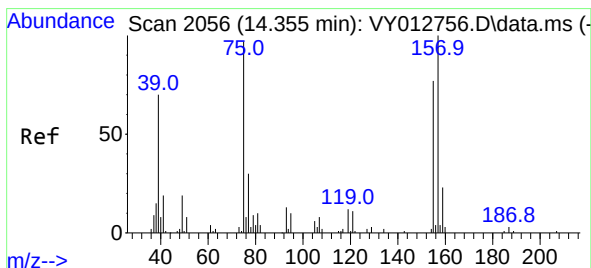
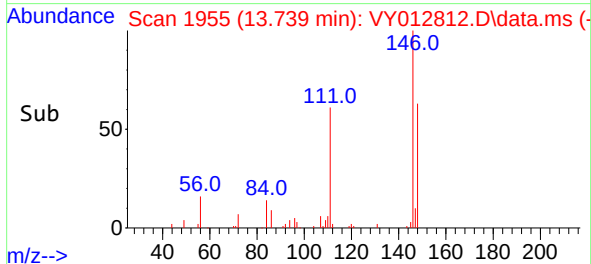
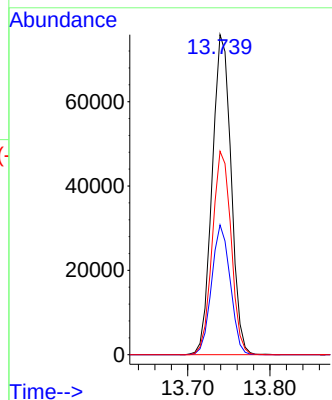
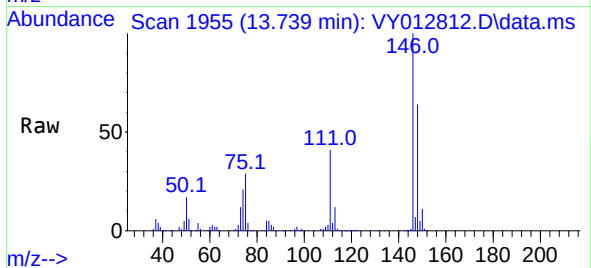
Tgt Ion:146 Resp: 121173

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.027 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012812.D

Acq: 06 Mar 2023 10:21

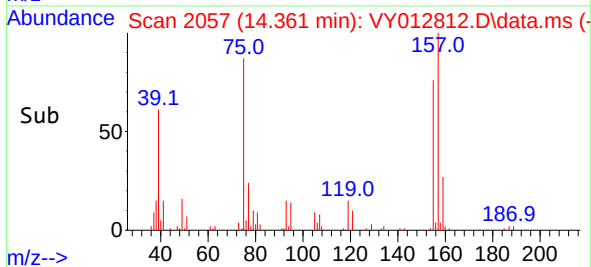
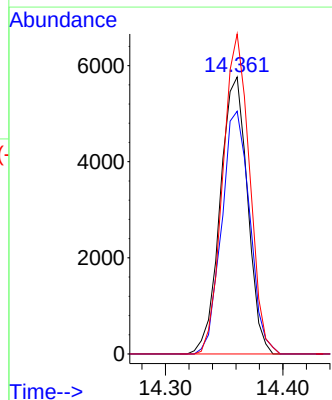
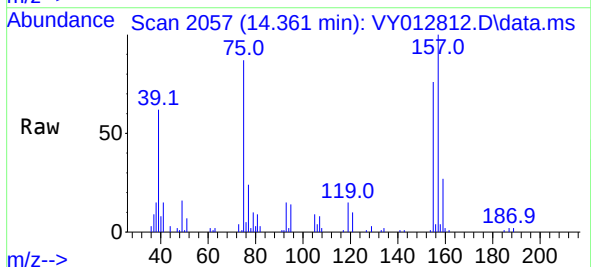
Tgt Ion: 75 Resp: 9316

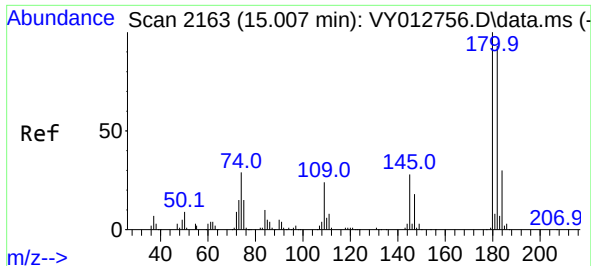
Ion Ratio Lower Upper

75 100

155 89.7 43.8 131.4

157 112.8 54.1 162.3

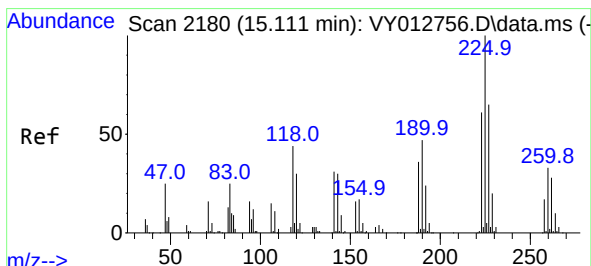
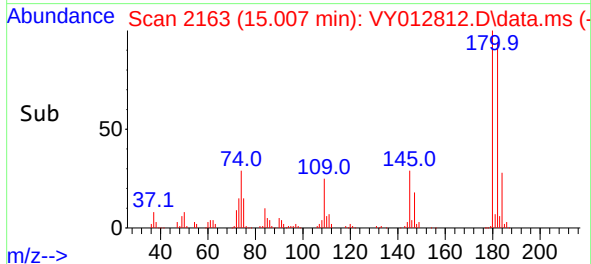
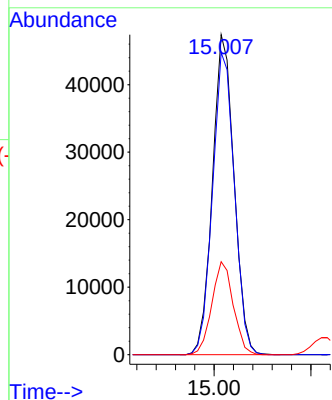
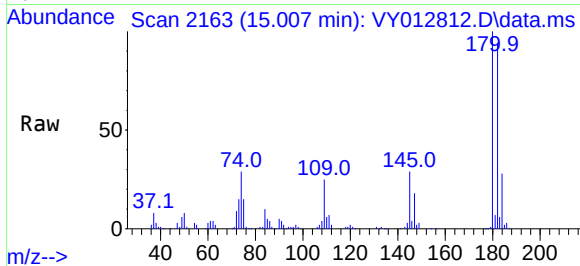




#93
1,2,4-Trichlorobenzene
Concen: 50.458 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

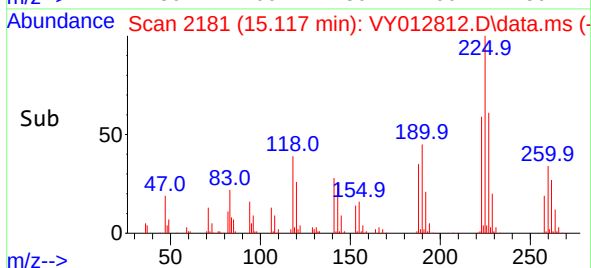
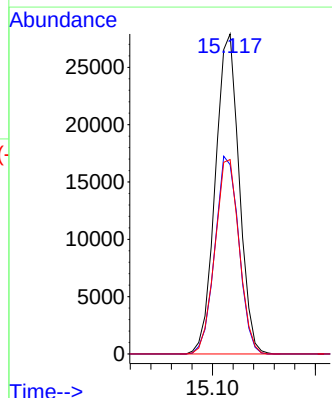
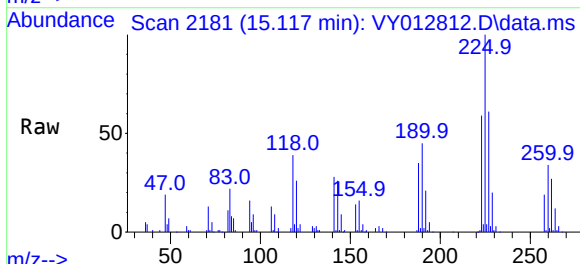
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

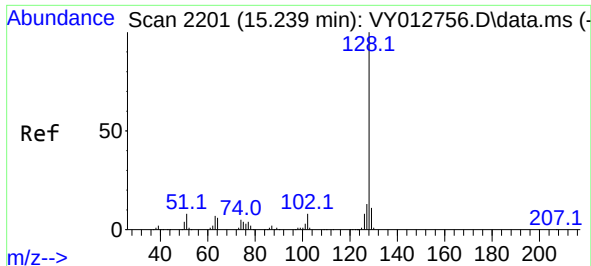
Tgt Ion:180 Resp: 73307
Ion Ratio Lower Upper
180 100
182 95.5 46.7 140.1
145 28.9 14.6 43.8



#94
Hexachlorobutadiene
Concen: 50.498 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:225 Resp: 44747
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.3
227 61.9 32.4 97.0

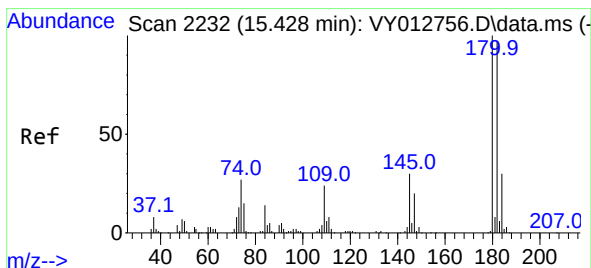
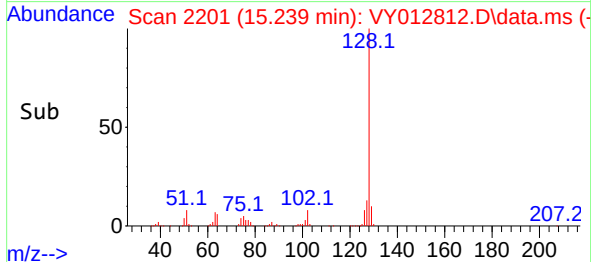
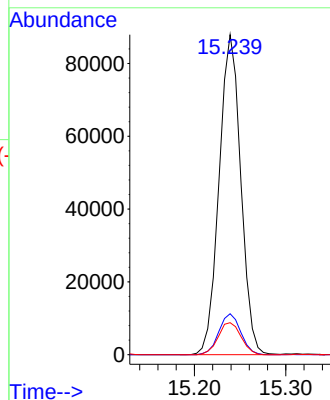
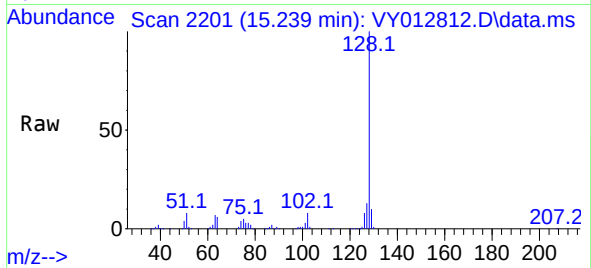




#95
Naphthalene
Concen: 49.788 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 144952
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.112 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY012812.D
Acq: 06 Mar 2023 10:21

Tgt Ion:180 Resp: 64751
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.3
145 31.0 15.3 45.8

