

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013109.D
 Acq On : 28 Mar 2023 12:16
 Operator : KP/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 29 02:26:13 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	101177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52431	52.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.716	113	53649	57.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.480%	
50) Toluene-d8	10.179	98	168851	49.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.483	95	66963	58.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17488	17.536	ug/l	91
3) Chloromethane	2.113	50	21340	17.900	ug/l	93
4) Vinyl Chloride	2.253	62	20588	18.832	ug/l	98
5) Bromomethane	2.637	94	13526	20.362	ug/l	97
6) Chloroethane	2.790	64	13516	20.643	ug/l	93
7) Trichlorofluoromethane	3.119	101	36226	19.951	ug/l	99
8) Diethyl Ether	3.528	74	12725	19.998	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	22134	20.261	ug/l	99
10) Methyl Iodide	4.088	142	23859	16.762	ug/l	96
11) Tert butyl alcohol	4.948	59	14153	111.328	ug/l	97
12) 1,1-Dichloroethene	3.875	96	19975	19.172	ug/l	97
13) Acrolein	3.729	56	11195	63.609	ug/l	98
14) Allyl chloride	4.479	41	38219	19.858	ug/l	98
15) Acrylonitrile	5.161	53	36700	109.465	ug/l	99
16) Acetone	3.942	43	42906	108.817	ug/l	99
17) Carbon Disulfide	4.192	76	58743	16.564	ug/l	98
18) Methyl Acetate	4.479	43	25784	21.959	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	55946	20.789	ug/l	97
20) Methylene Chloride	4.710	84	29316	21.279	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	22013	19.442	ug/l	97
22) Diisopropyl ether	6.119	45	77078	22.050	ug/l	95
23) Vinyl Acetate	6.058	43	230034	105.910	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43807	21.993	ug/l	99
25) 2-Butanone	6.984	43	52781	108.076	ug/l	99
26) 2,2-Dichloropropane	6.978	77	37549	21.225	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25506	21.012	ug/l	98
28) Bromochloromethane	7.332	49	15317	21.042	ug/l	97
29) Tetrahydrofuran	7.344	42	31264	106.143	ug/l	99
30) Chloroform	7.509	83	43072	21.892	ug/l	98
31) Cyclohexane	7.789	56	36167	18.799	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	38125	21.427	ug/l	98
36) 1,1-Dichloropropene	7.917	75	31228	20.056	ug/l	99
37) Ethyl Acetate	7.076	43	20214	20.597	ug/l	97
38) Carbon Tetrachloride	7.899	117	35774	22.249	ug/l	96
39) Methylcyclohexane	9.185	83	35676	19.272	ug/l	99
40) Benzene	8.161	78	91220	20.711	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29492	55.777	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	28649	21.635	ug/l	99
43) Isopropyl Acetate	8.271	43	36980	21.120	ug/l	99
44) Trichloroethene	8.941	130	24687	21.259	ug/l	100
45) 1,2-Dichloropropane	9.216	63	23985	21.547	ug/l	98
46) Dibromomethane	9.301	93	13848	21.837	ug/l	97
47) Bromodichloromethane	9.496	83	33259	22.256	ug/l	99
48) Methyl methacrylate	9.295	41	16478	20.424	ug/l	96
49) 1,4-Dioxane	9.301	88	3296	402.047	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	107140	112.807	ug/l	99
52) Toluene	10.240	92	56876	21.412	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	33687	21.491	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	37183	20.958	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	19635	22.233	ug/l	97
56) Ethyl methacrylate	10.508	69	24831	21.086	ug/l	98
57) 1,3-Dichloropropane	10.788	76	33149	22.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	67741	109.580	ug/l	98
59) 2-Hexanone	10.831	43	77764	112.657	ug/l	99
60) Dibromochloromethane	10.983	129	24089	22.407	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18808	22.108	ug/l	99
64) Tetrachloroethene	10.721	164	22384	22.019	ug/l	96
65) Chlorobenzene	11.514	112	62460	21.315	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	24547	22.638	ug/l	98
67) Ethyl Benzene	11.593	91	108593	21.078	ug/l	99
68) m/p-Xylenes	11.703	106	83433	42.096	ug/l	99
69) o-Xylene	12.032	106	39198	21.191	ug/l	96
70) Styrene	12.044	104	66484	21.538	ug/l	99
71) Bromoform	12.209	173	16280	23.027	ug/l #	97
73) Isopropylbenzene	12.331	105	104870	19.644	ug/l	100
74) N-amyl acetate	12.142	43	32030	19.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	25627	21.355	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31869	35.429	ug/l #	100
77) Bromobenzene	12.605	156	26015	20.060	ug/l	98
78) n-propylbenzene	12.672	91	132483	20.129	ug/l	99
79) 2-Chlorotoluene	12.758	91	74041	20.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	89067	20.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8517	19.619	ug/l	99
82) 4-Chlorotoluene	12.855	91	77984	20.595	ug/l	98
83) tert-Butylbenzene	13.075	119	77344	20.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	87831	20.388	ug/l	99
85) sec-Butylbenzene	13.251	105	117412	20.240	ug/l	100
86) p-Isopropyltoluene	13.367	119	96405	20.334	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	51910	20.754	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	52248	20.467	ug/l	98
89) n-Butylbenzene	13.696	91	90107	19.853	ug/l	99
90) Hexachloroethane	13.959	117	20246	20.503	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	47696	21.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4404	22.708	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	27763	19.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	17435	20.534	ug/l	98
95) Naphthalene	15.233	128	53349	19.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25168	20.328	ug/l	100

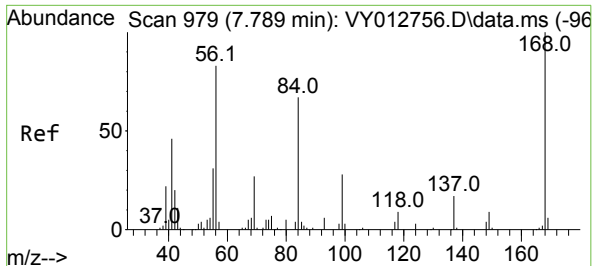
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Response via : Initial Calibration

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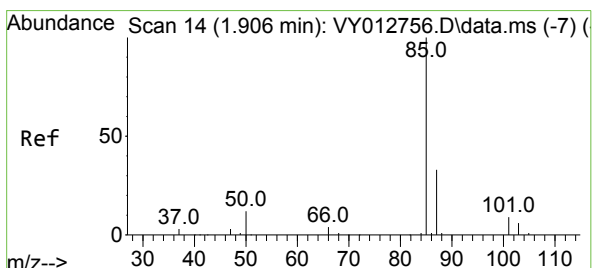
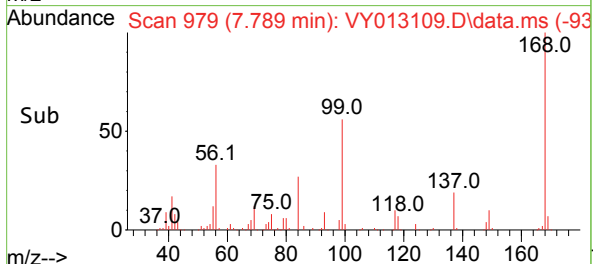
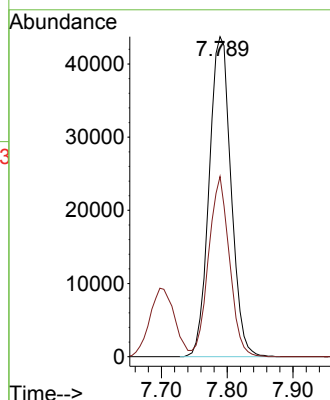
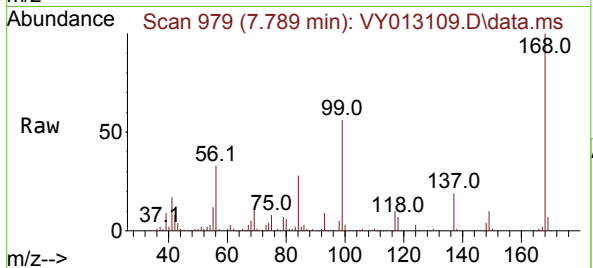
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013109.D
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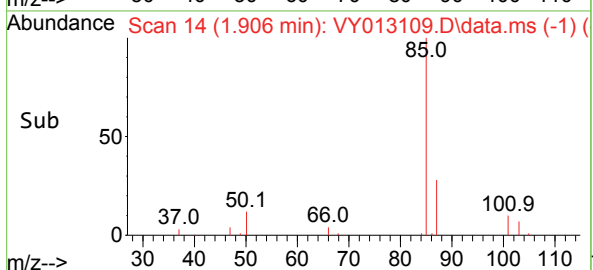
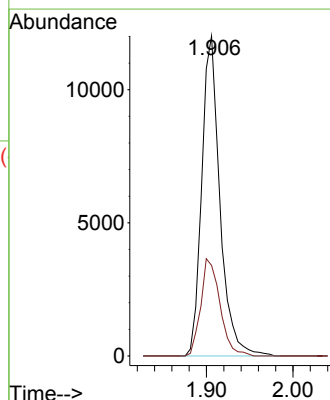
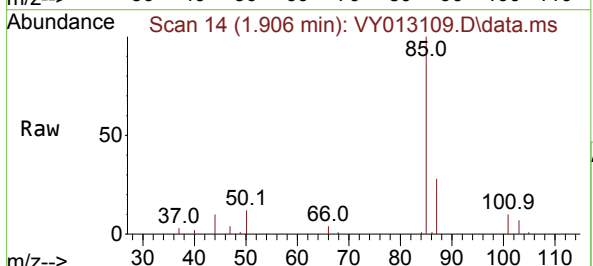
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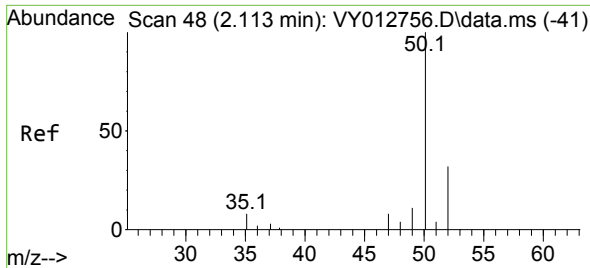
Tgt Ion:168 Resp: 101177
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 17.536 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 85 Resp: 17488
Ion Ratio Lower Upper
85 100
87 28.3 16.7 50.0

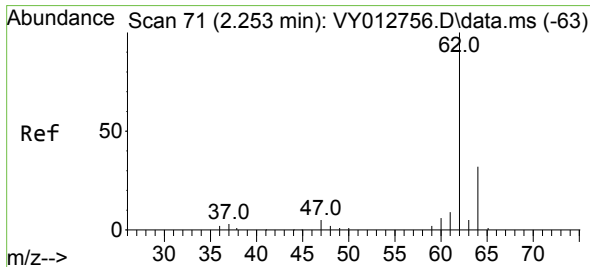
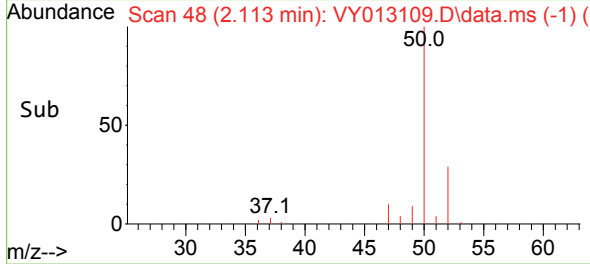
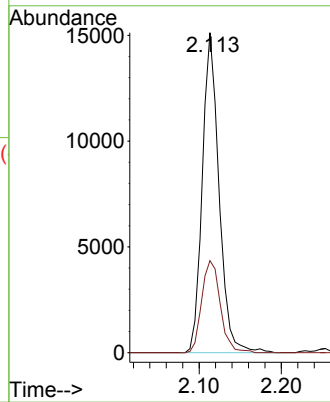
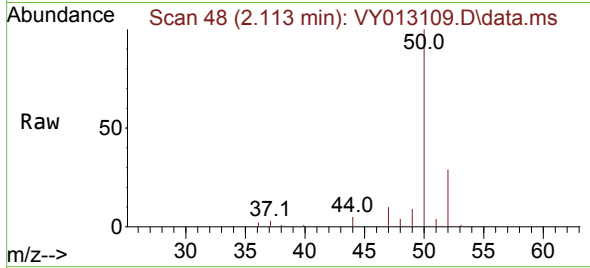




#3
Chloromethane
Concen: 17.900 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

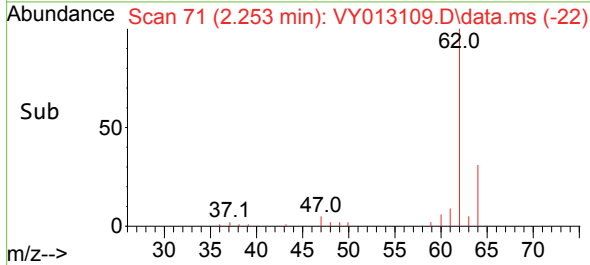
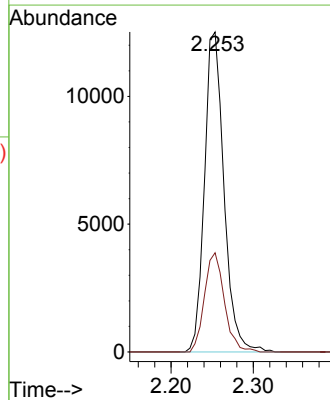
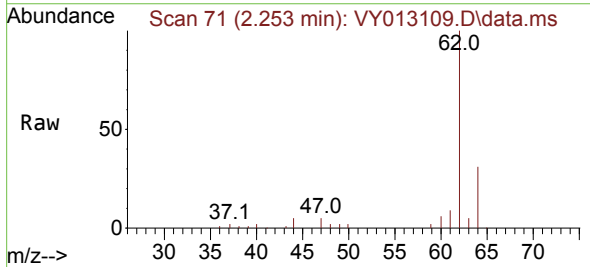
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ClientSampleId :
VY0328SBS01

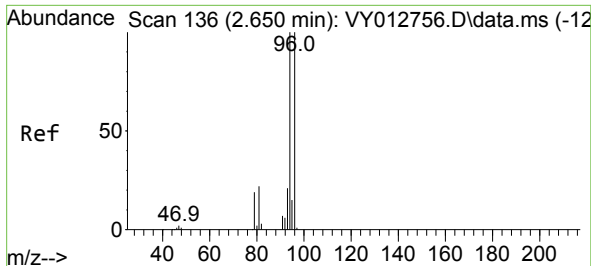
Tgt Ion: 50 Resp: 21340
Ion Ratio Lower Upper
50 100
52 28.7 26.0 39.0



#4
Vinyl Chloride
Concen: 18.832 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 62 Resp: 20588
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

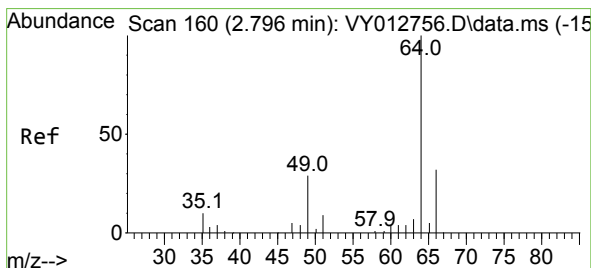
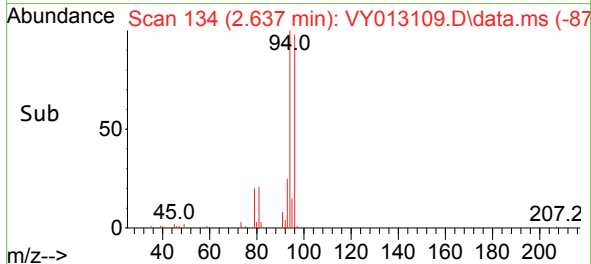
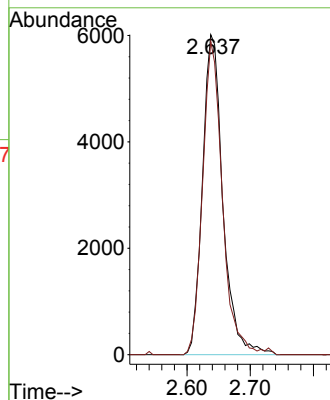
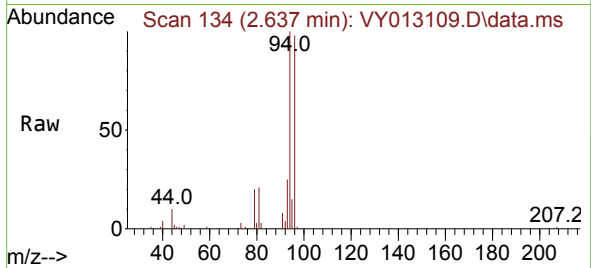




#5
Bromomethane
Concen: 20.362 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

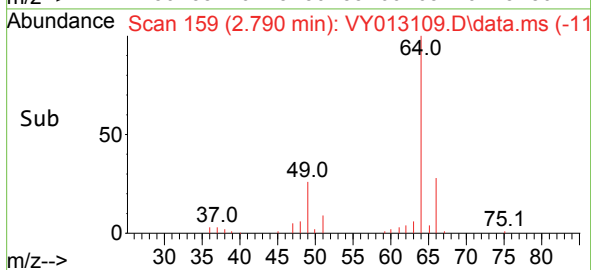
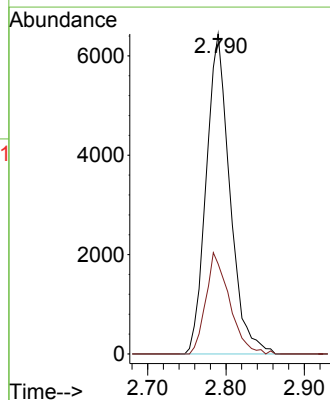
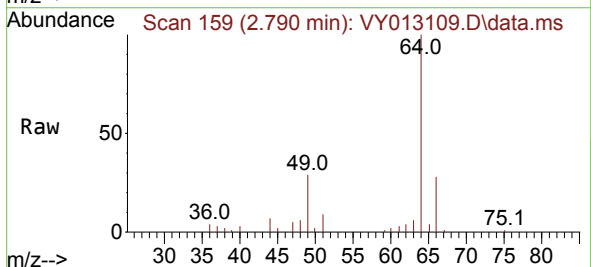
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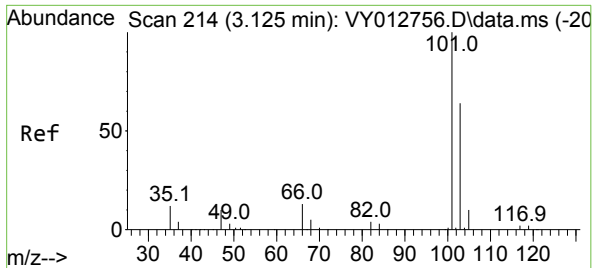
Tgt Ion: 94 Resp: 13526
Ion Ratio Lower Upper
94 100
96 97.9 80.3 120.5



#6
Chloroethane
Concen: 20.643 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 64 Resp: 13516
Ion Ratio Lower Upper
64 100
66 28.1 25.7 38.5

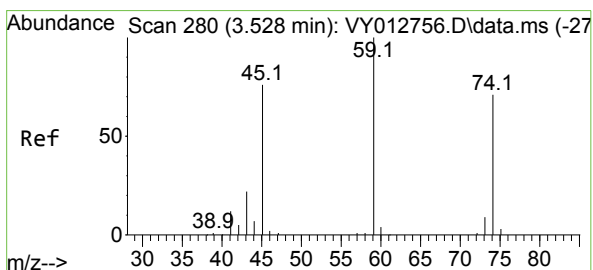
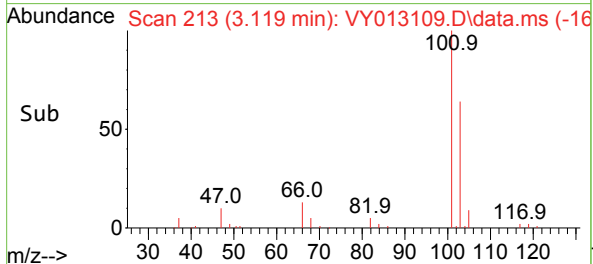
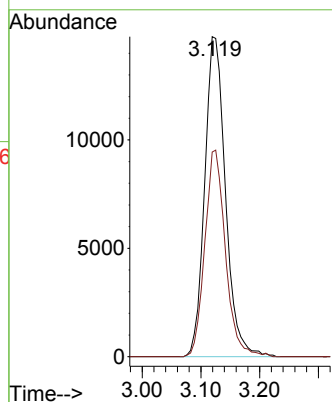
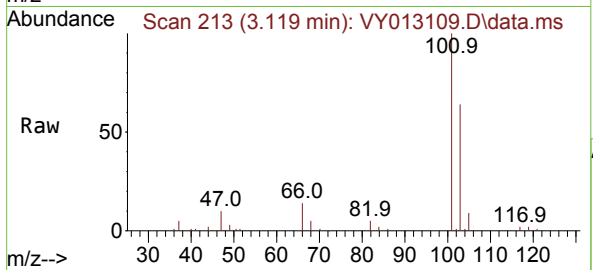




#7
 Trichlorofluoromethane
 Concen: 19.951 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

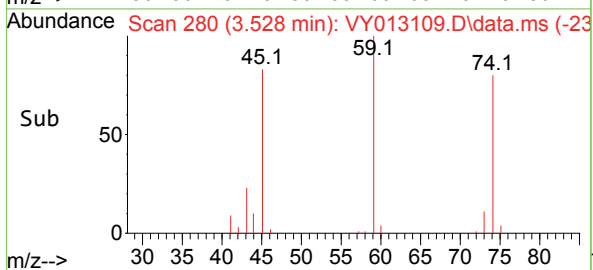
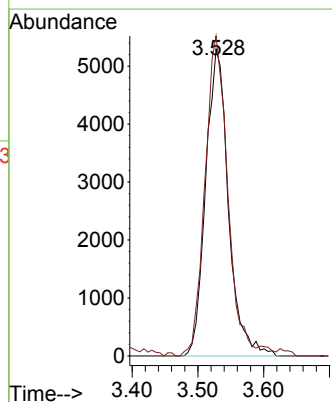
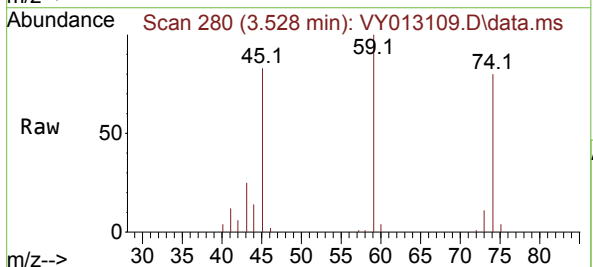
Instrument :
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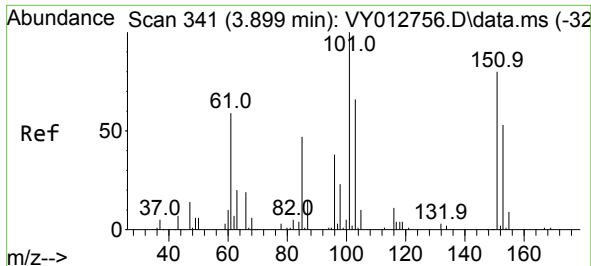
Tgt Ion:101 Resp: 36226
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.998 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

Tgt Ion: 74 Resp: 12725
 Ion Ratio Lower Upper
 74 100
 45 103.8 52.1 156.4

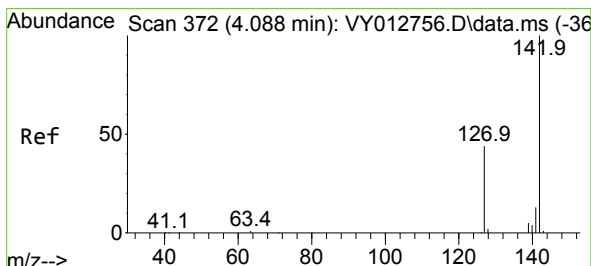
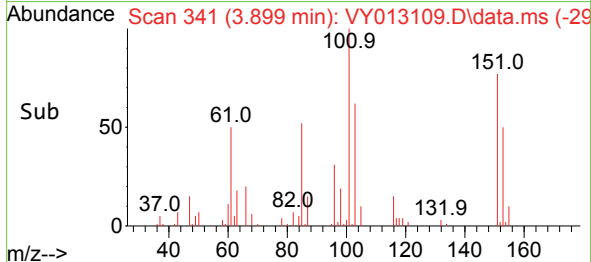
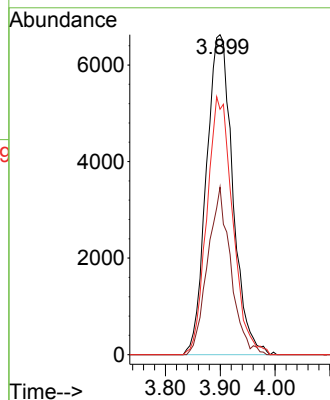
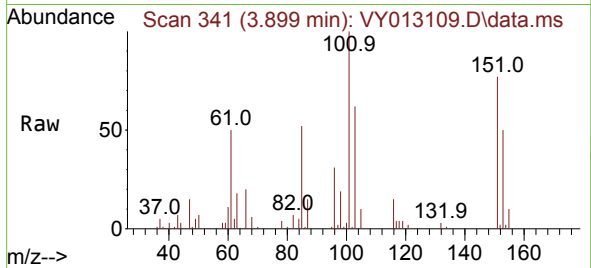




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.261 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY013109.D
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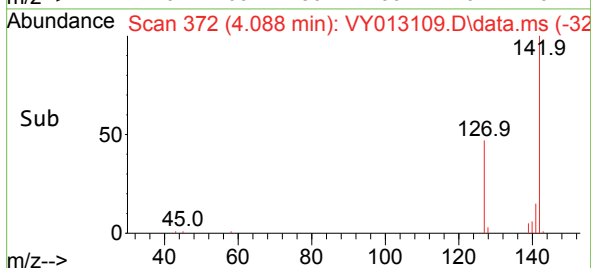
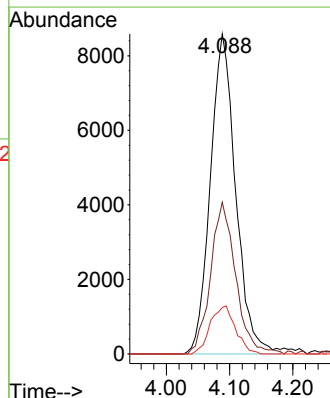
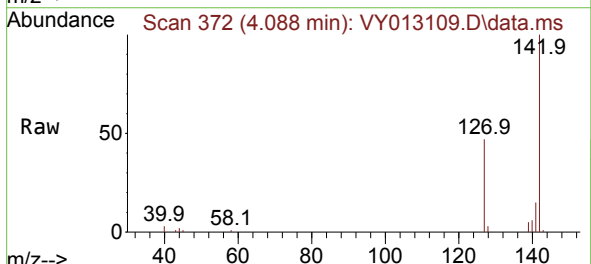
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

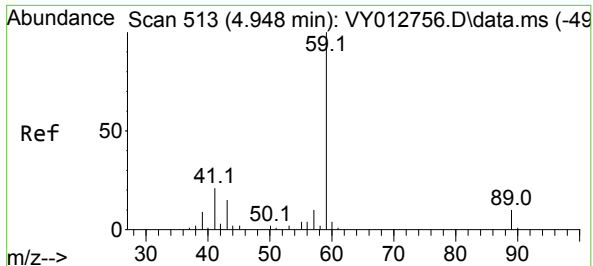
Tgt Ion:	101	Resp:	22134
Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.3	52.9
151	78.8	63.1	94.7



#10
 Methyl Iodide
 Concen: 16.762 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

Tgt Ion:	142	Resp:	23859
Ion	Ratio	Lower	Upper
142	100		
127	47.0	35.4	53.2
141	15.0	11.3	16.9

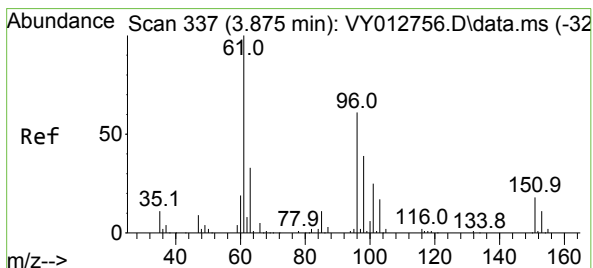
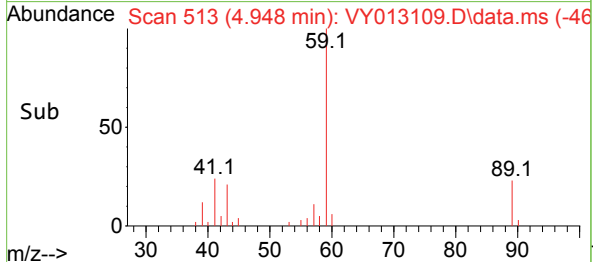
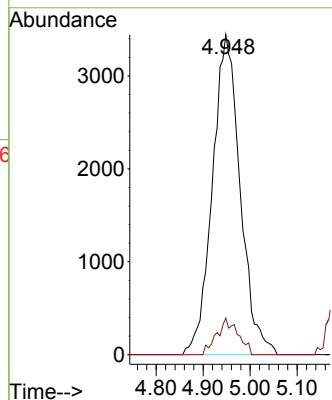
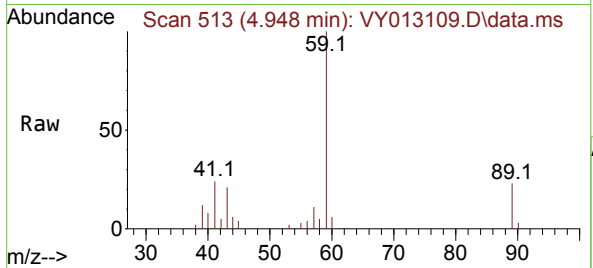




#11
Tert butyl alcohol
Concen: 111.328 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

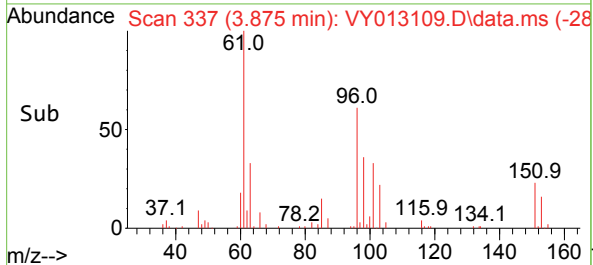
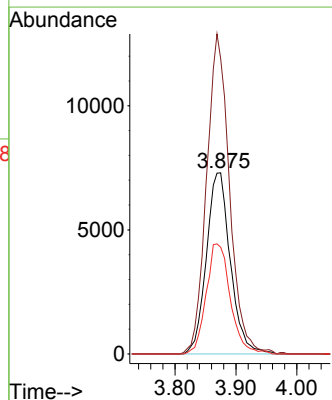
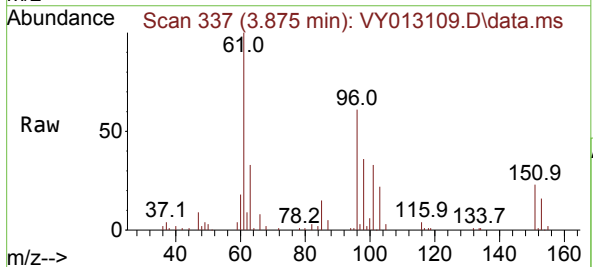
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

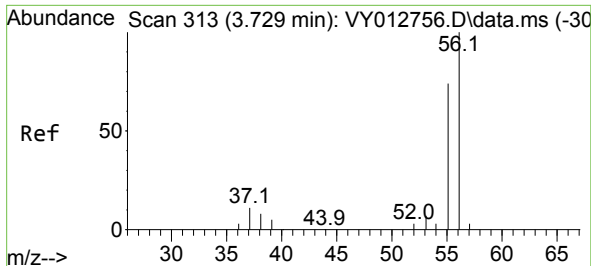
Tgt Ion: 59 Resp: 14153
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.172 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 96 Resp: 19975
Ion Ratio Lower Upper
96 100
61 163.1 131.7 197.5
98 58.9 52.0 78.0





#13

Acrolein

Concen: 63.609 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

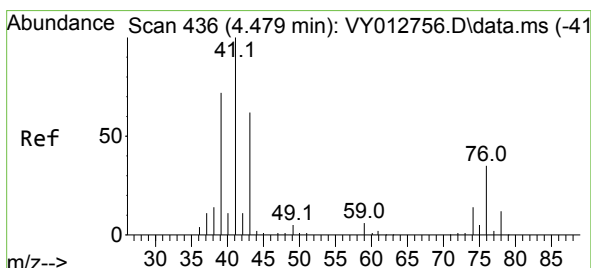
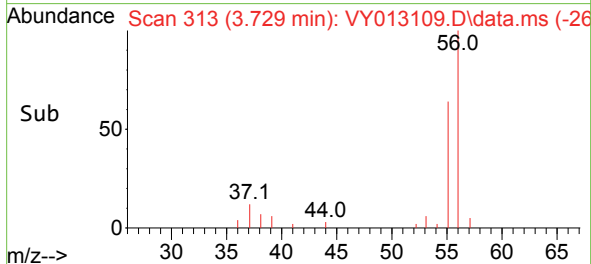
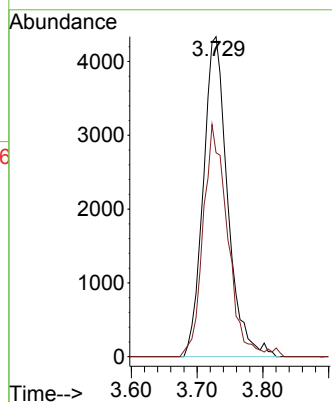
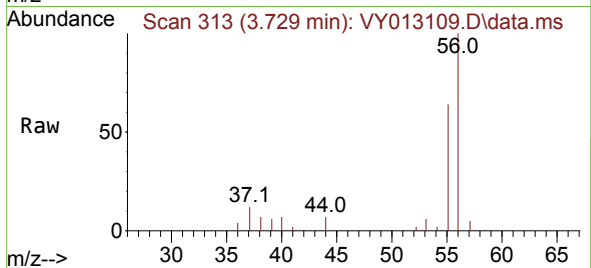
VY0328SBS01

Tgt Ion: 56 Resp: 11195

Ion Ratio Lower Upper

56 100

55 72.2 56.8 85.2



#14

Allyl chloride

Concen: 19.858 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

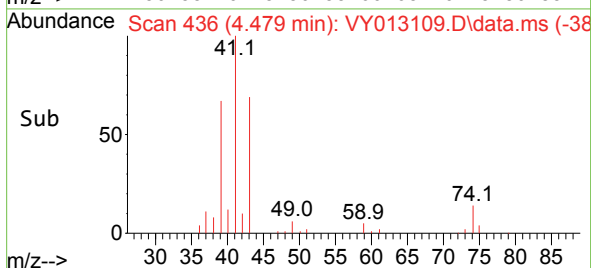
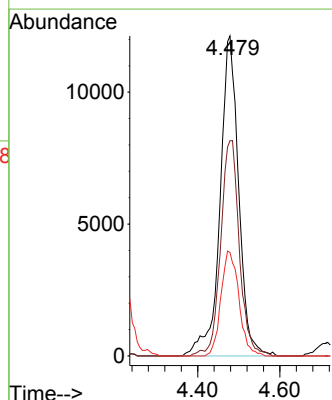
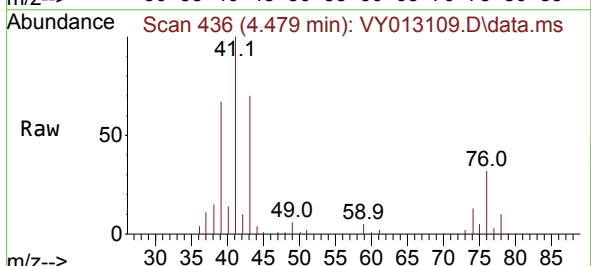
Tgt Ion: 41 Resp: 38219

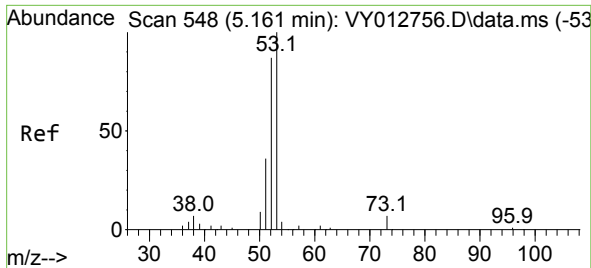
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 31.6 27.2 40.8

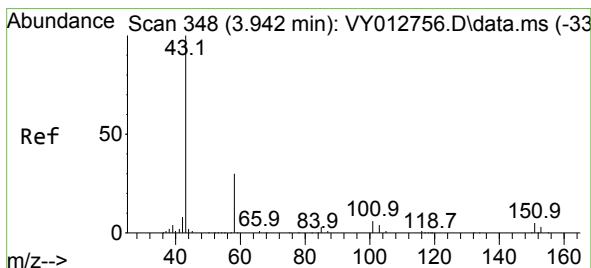
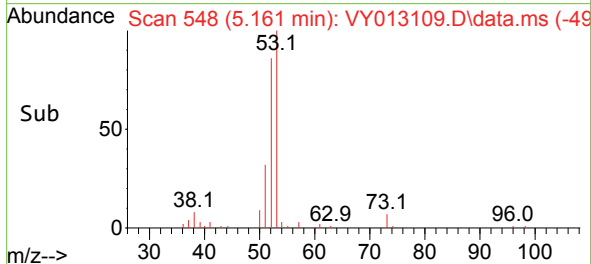
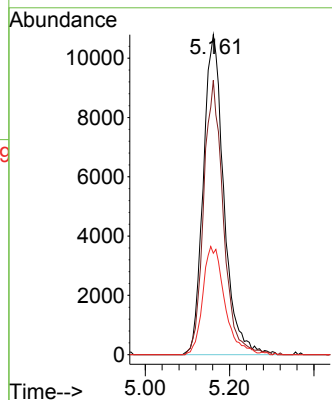
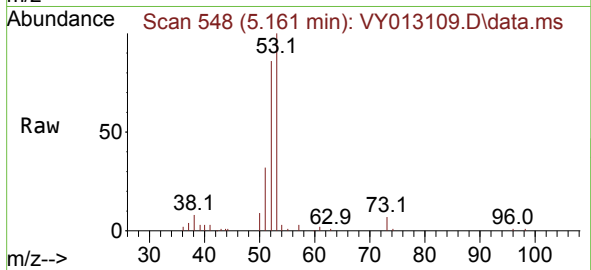




#15
Acrylonitrile
Concen: 109.465 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

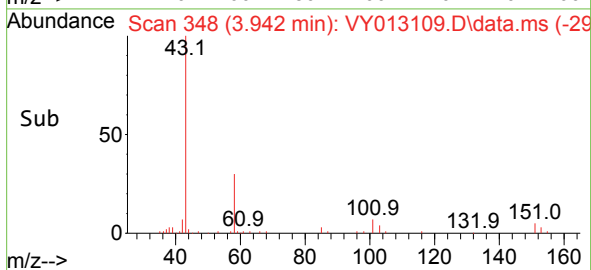
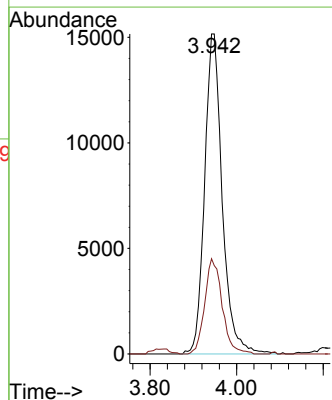
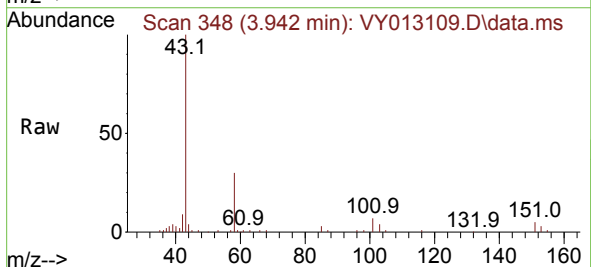
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

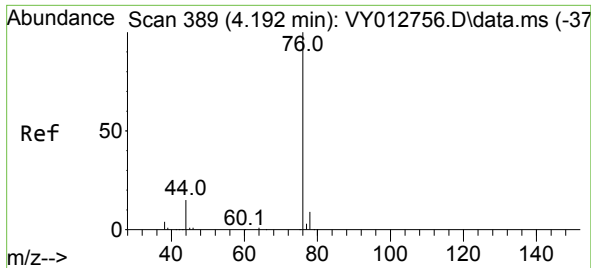
Tgt Ion:	53	Resp:	36700
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	36.0	28.8	43.2



#16
Acetone
Concen: 108.817 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion:	43	Resp:	42906
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.2	36.2

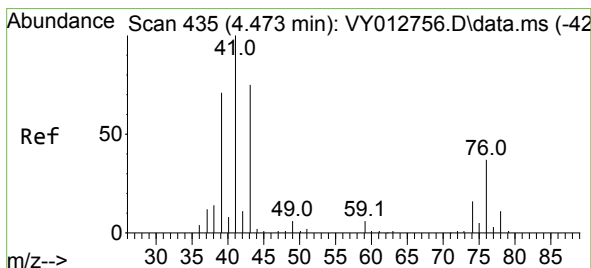
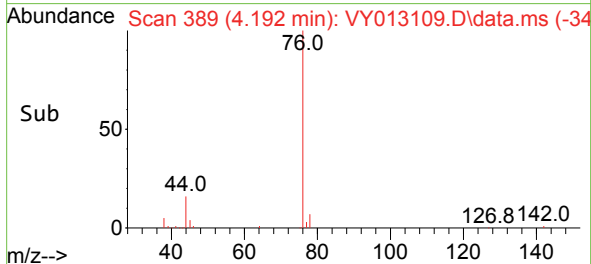
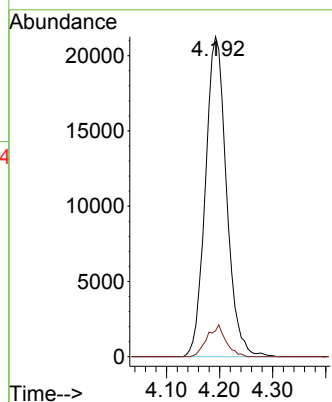
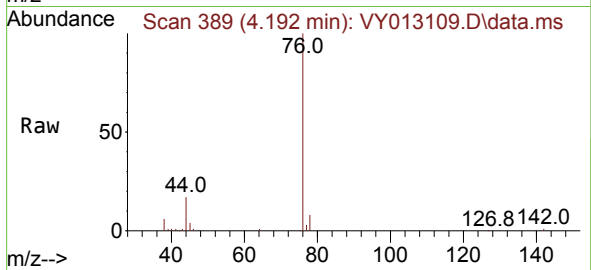




#17
Carbon Disulfide
Concen: 16.564 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

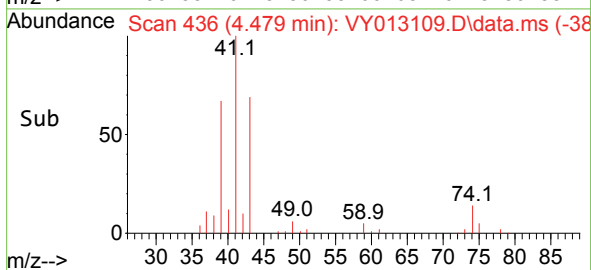
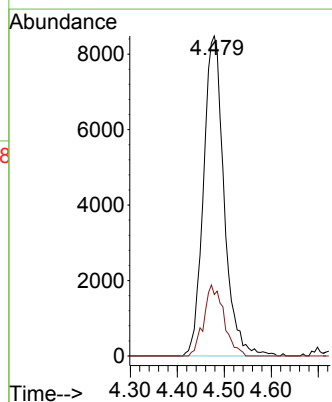
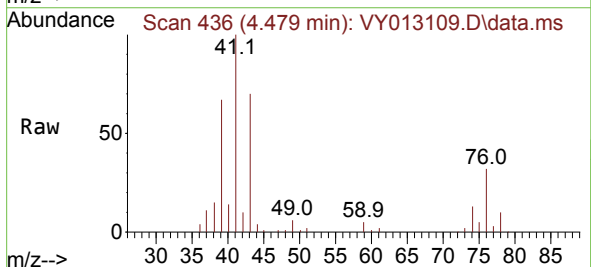
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

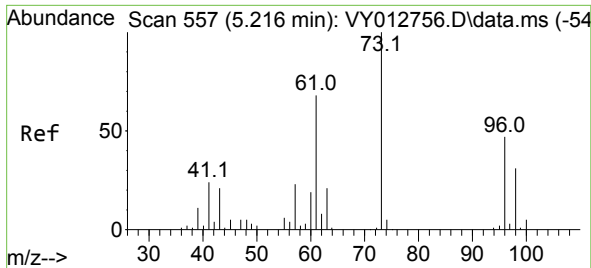
Tgt Ion: 76 Resp: 58743
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#18
Methyl Acetate
Concen: 21.959 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 43 Resp: 25784
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

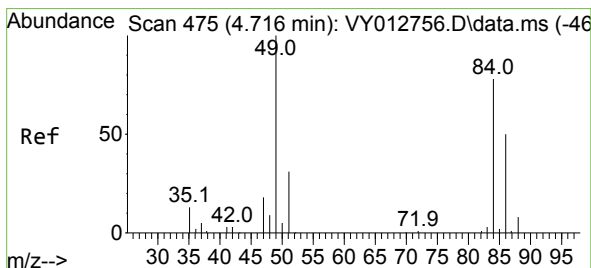
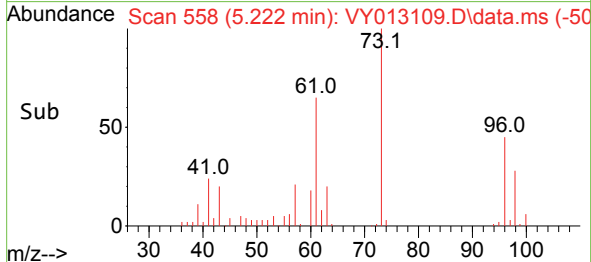
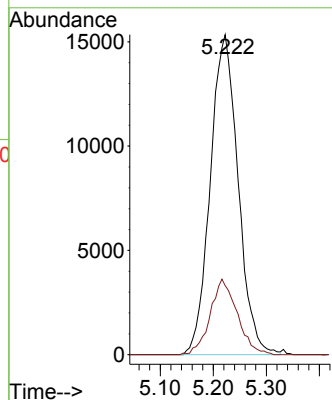
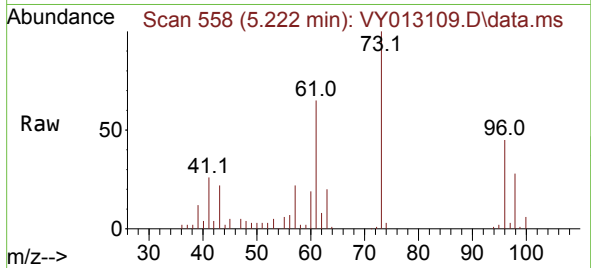




#19
Methyl tert-butyl Ether
Concen: 20.789 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

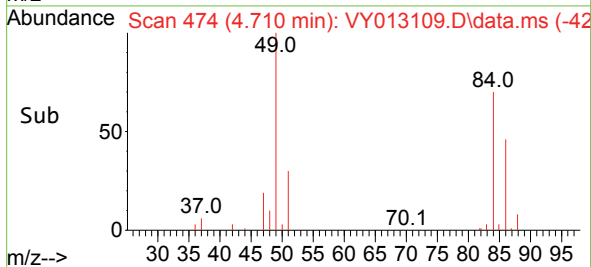
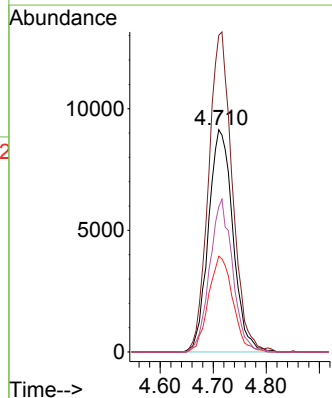
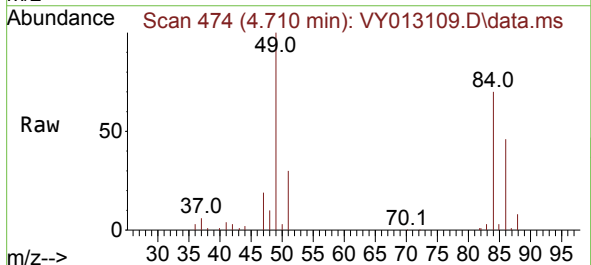
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

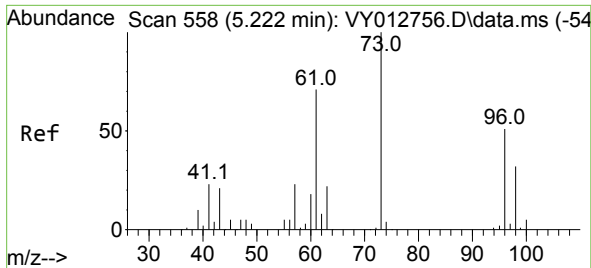
Tgt Ion: 73 Resp: 55946
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 21.279 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 84 Resp: 29316
Ion Ratio Lower Upper
84 100
49 142.5 102.6 154.0
51 43.1 31.9 47.9
86 65.3 51.0 76.6

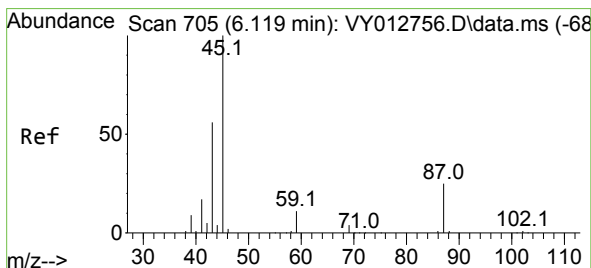
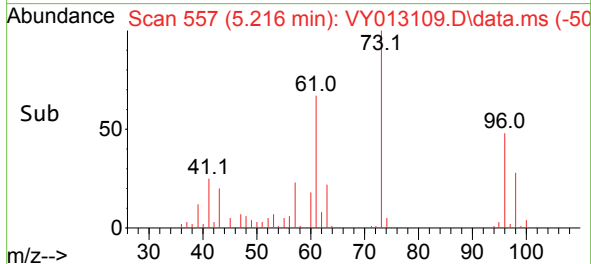
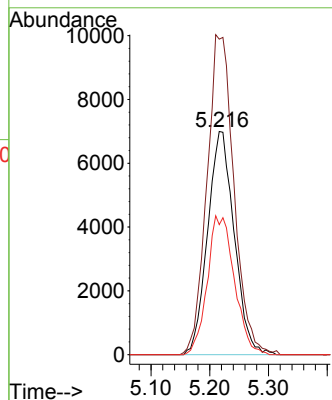
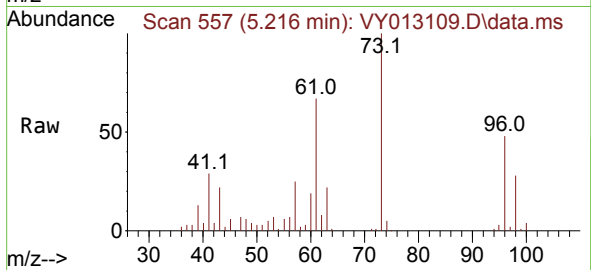




#21
trans-1,2-Dichloroethene
Concen: 19.442 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

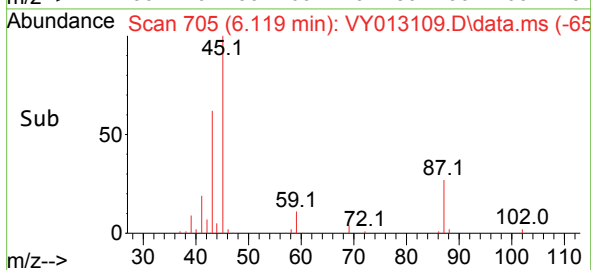
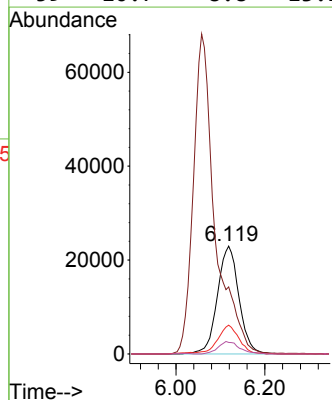
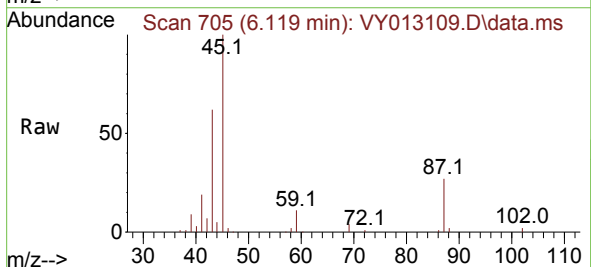
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

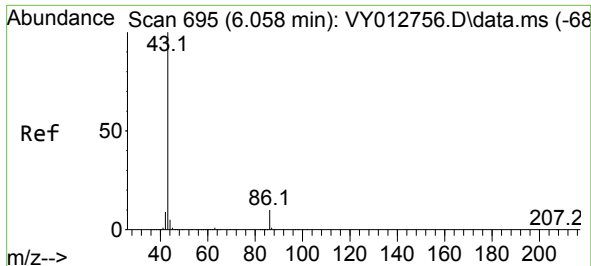
Tgt Ion: 96 Resp: 22013
Ion Ratio Lower Upper
96 100
61 141.4 111.4 167.0
98 58.3 50.8 76.2



#22
Diisopropyl ether
Concen: 22.050 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 45 Resp: 77078
Ion Ratio Lower Upper
45 100
43 61.4 45.0 67.6
87 26.7 20.3 30.5
59 10.7 8.8 13.2

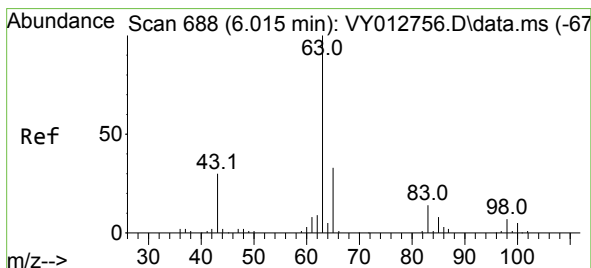
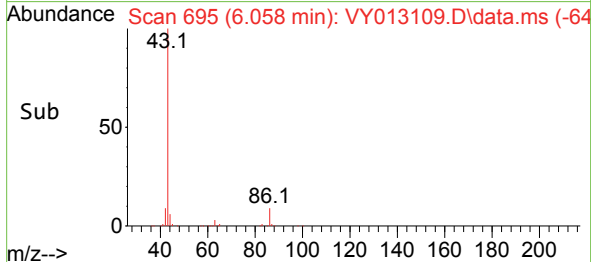
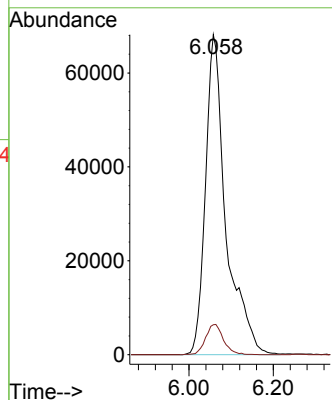
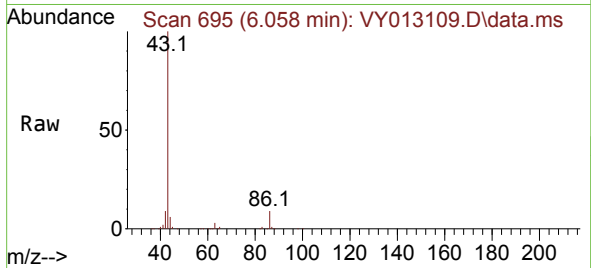




#23
 Vinyl Acetate
 Concen: 105.910 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

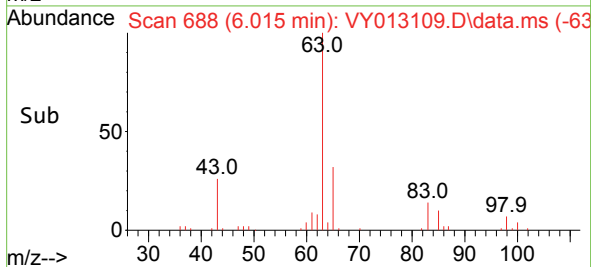
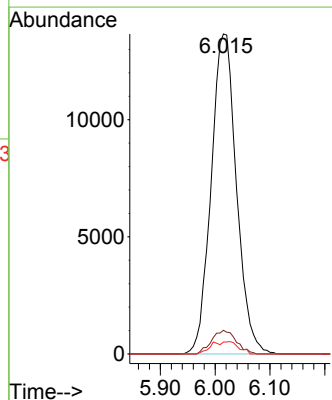
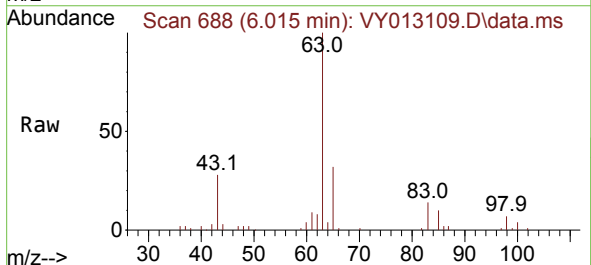
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

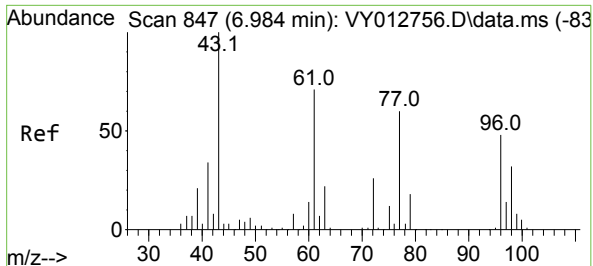
Tgt Ion: 43 Resp: 230034
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.993 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

Tgt Ion: 63 Resp: 43807
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 3.7 2.3 6.8





#25

2-Butanone

Concen: 108.076 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

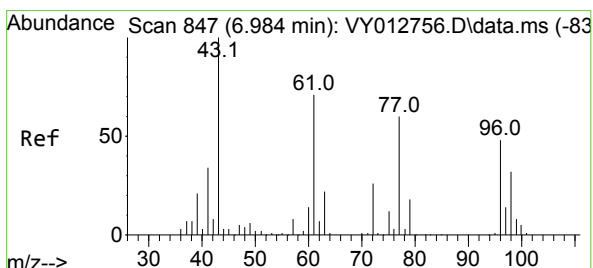
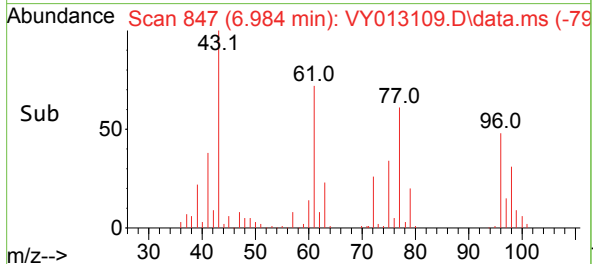
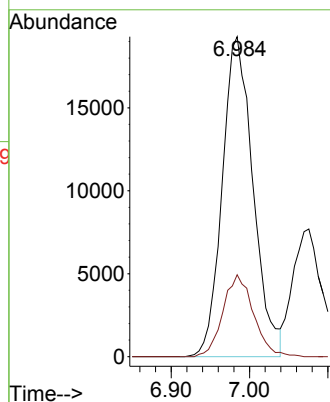
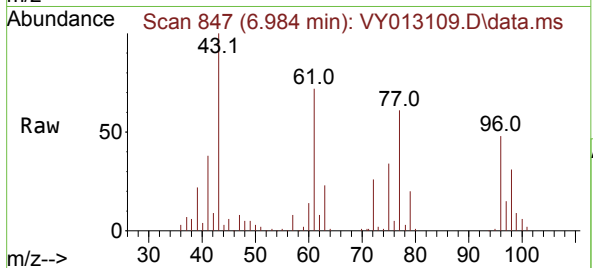
VY0328SBS01

Tgt Ion: 43 Resp: 52781

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.225 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013109.D

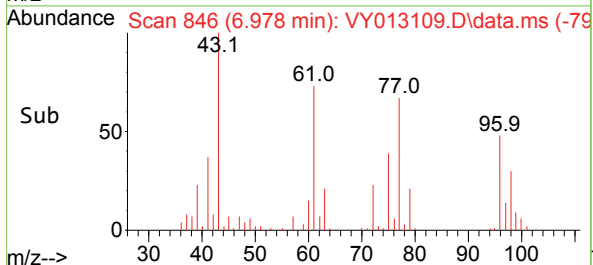
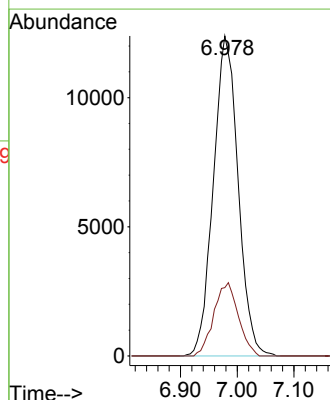
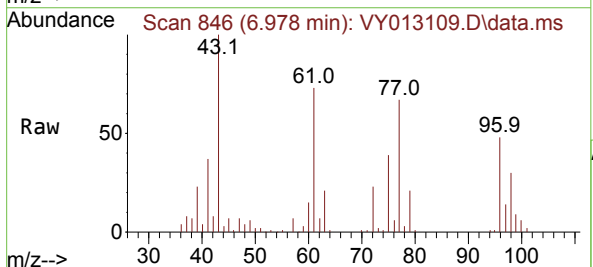
Acq: 28 Mar 2023 12:16

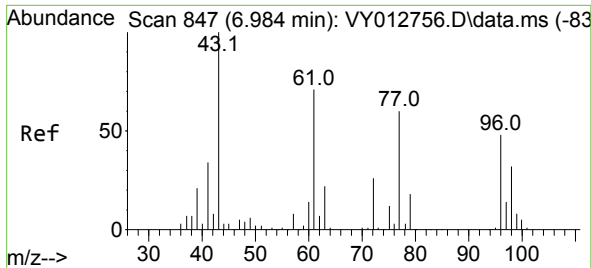
Tgt Ion: 77 Resp: 37549

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0

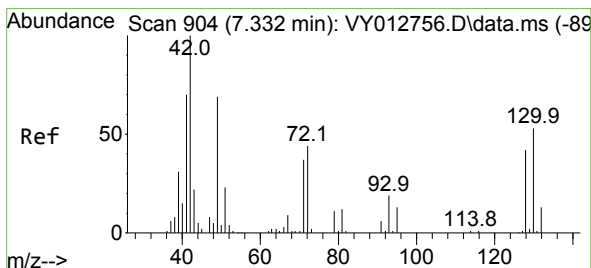
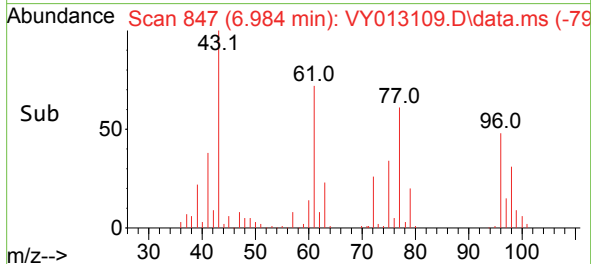
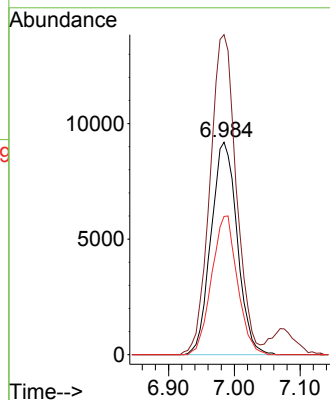
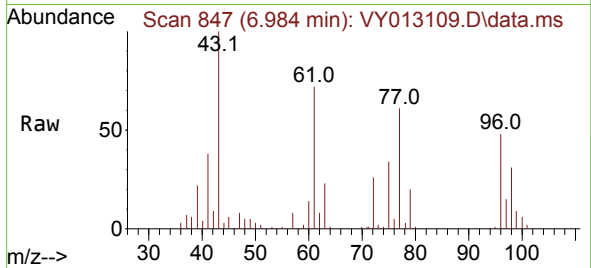




#27
cis-1,2-Dichloroethene
Concen: 21.012 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

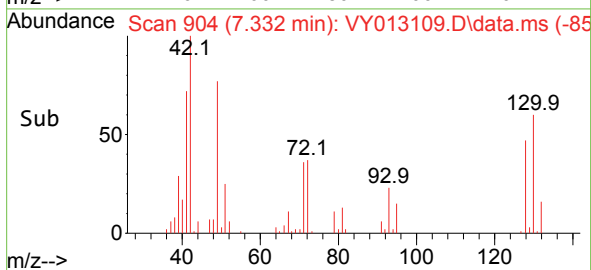
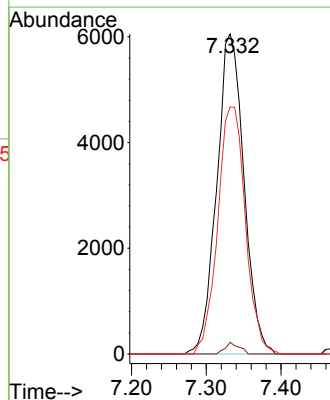
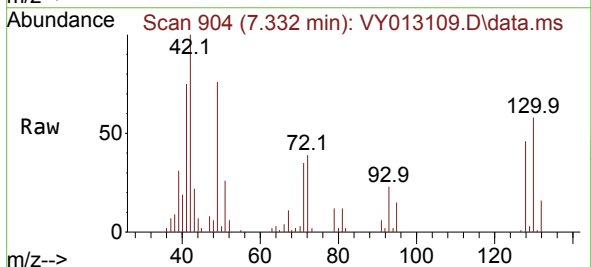
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion: 96 Resp: 25506
Ion Ratio Lower Upper
96 100
61 151.2 0.0 295.8
98 64.2 0.0 130.2



#28
Bromochloromethane
Concen: 21.042 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 49 Resp: 15317
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 78.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 106.143 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

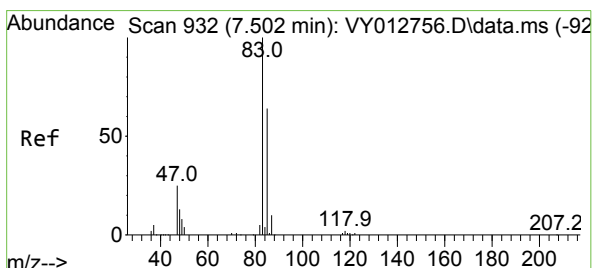
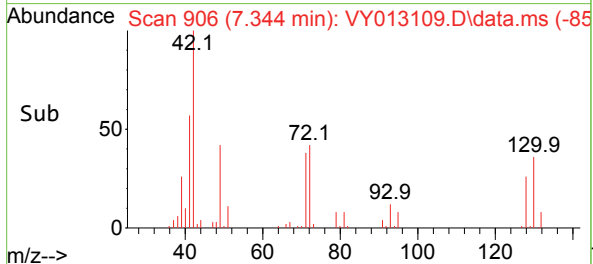
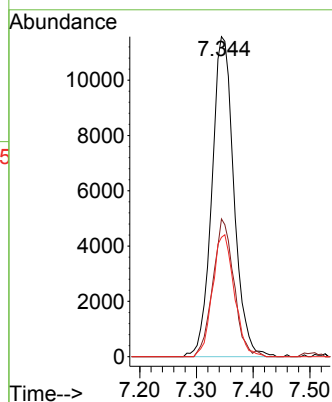
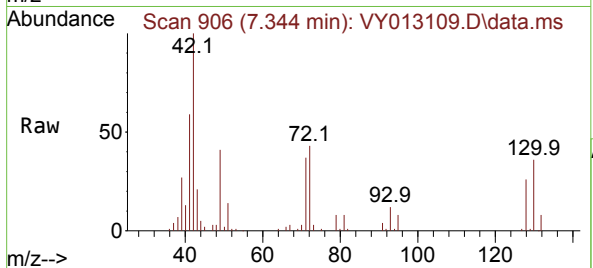
Tgt Ion: 42 Resp: 31264

Ion Ratio Lower Upper

42 100

72 41.0 32.3 48.5

71 37.7 30.3 45.5



#30

Chloroform

Concen: 21.892 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013109.D

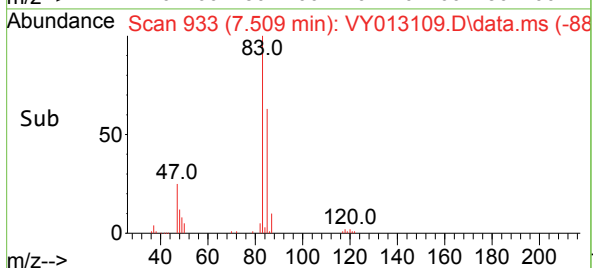
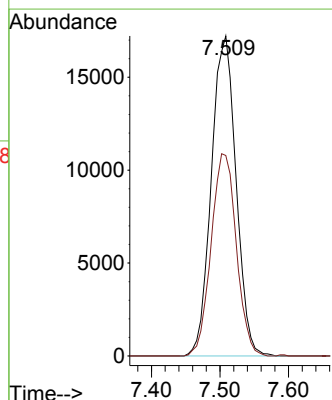
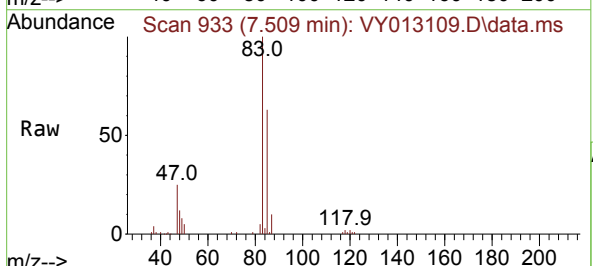
Acq: 28 Mar 2023 12:16

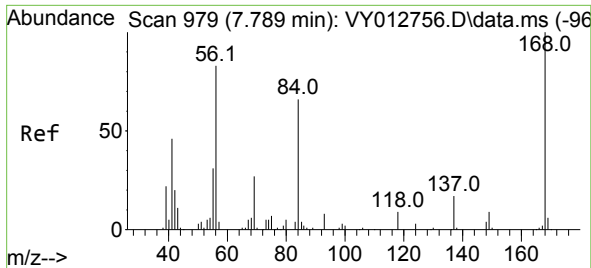
Tgt Ion: 83 Resp: 43072

Ion Ratio Lower Upper

83 100

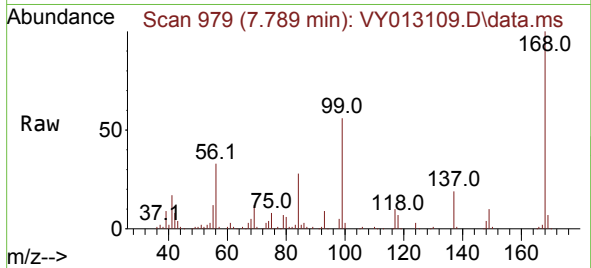
85 62.6 51.4 77.0



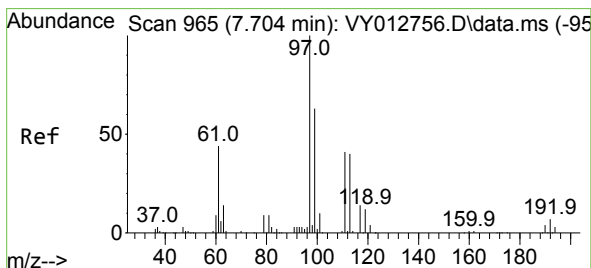
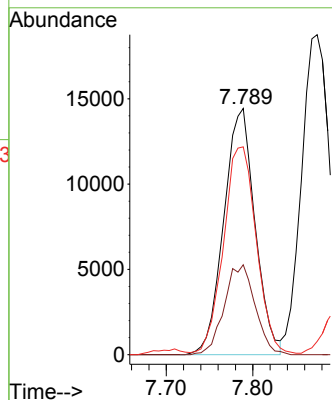
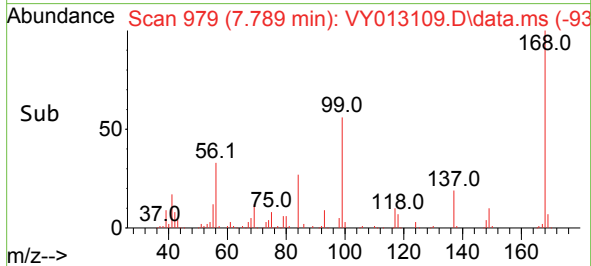


#31
Cyclohexane
Concen: 18.799 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

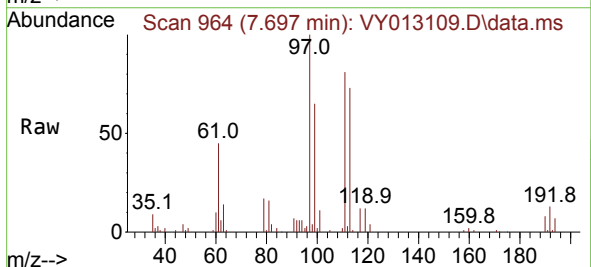
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01



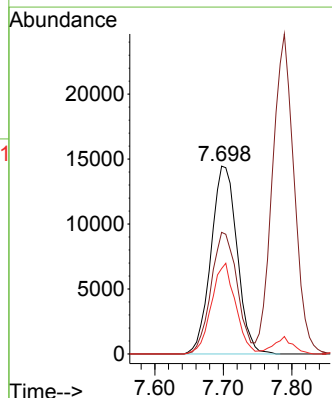
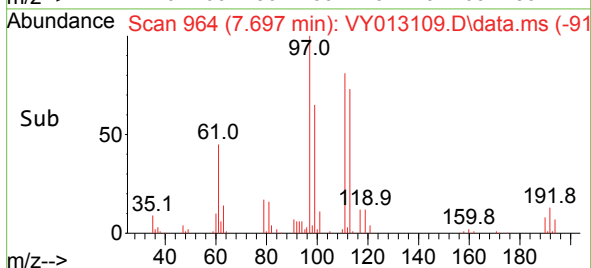
Tgt Ion: 56 Resp: 36167
Ion Ratio Lower Upper
56 100
69 36.5 25.7 38.5
84 82.9 64.3 96.5

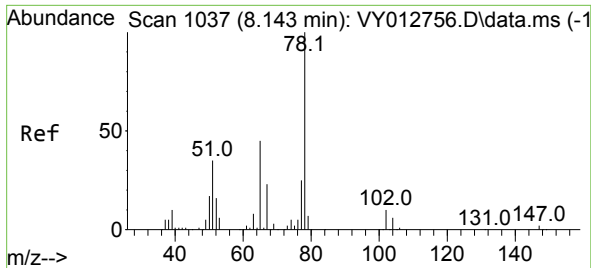


#32
1,1,1-Trichloroethane
Concen: 21.427 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16



Tgt Ion: 97 Resp: 38125
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.6
61 44.8 34.5 51.7

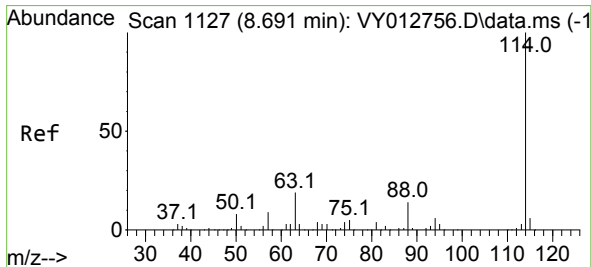
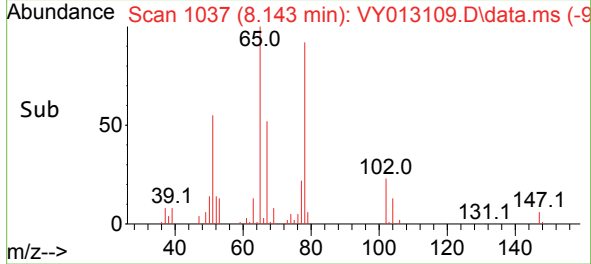
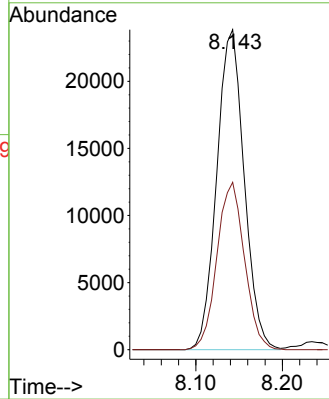
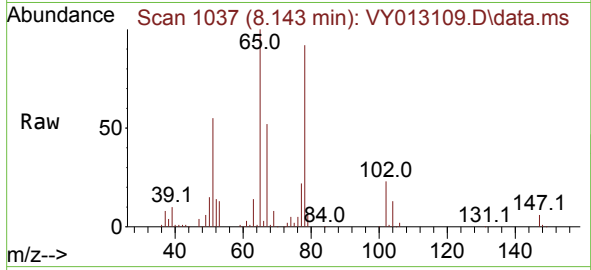




#33
 1,2-Dichloroethane-d4
 Concen: 52.193 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

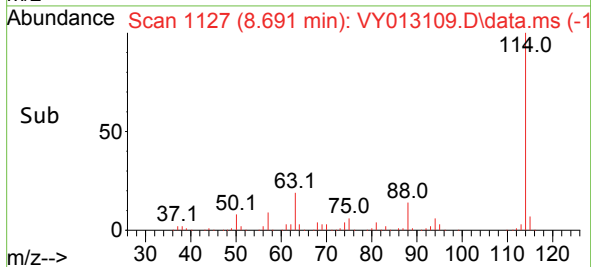
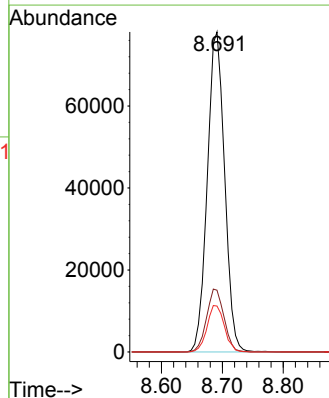
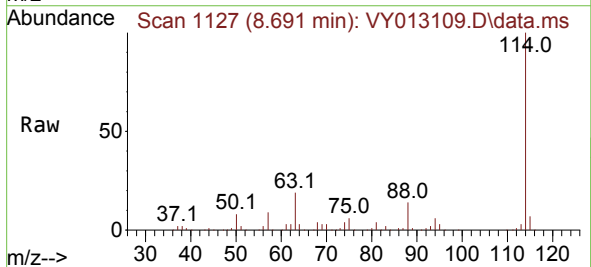
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Tgt Ion: 65 Resp: 52431
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VY013109.D
 Acq: 28 Mar 2023 12:16

Tgt Ion: 114 Resp: 153962
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.4 0.0 28.6

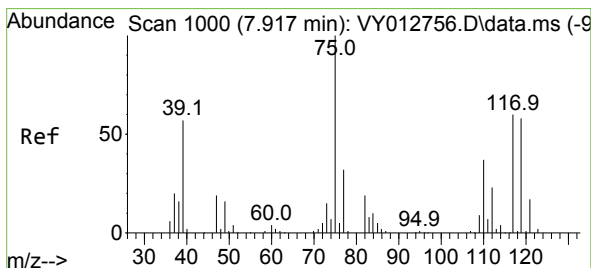
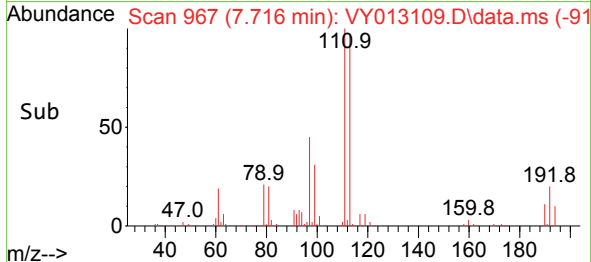
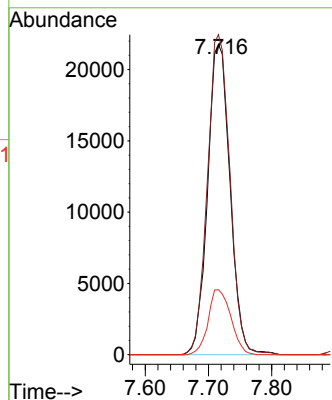
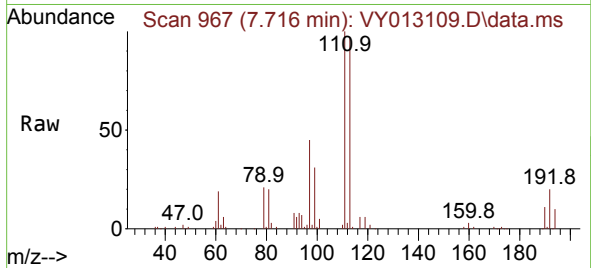




#35
Dibromofluoromethane
Concen: 57.739 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

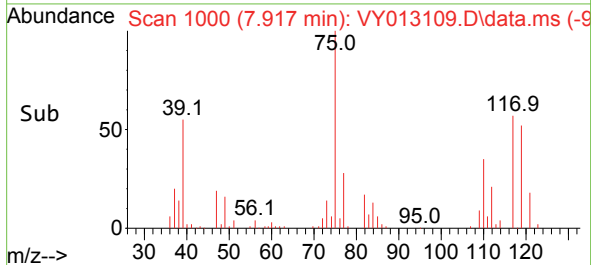
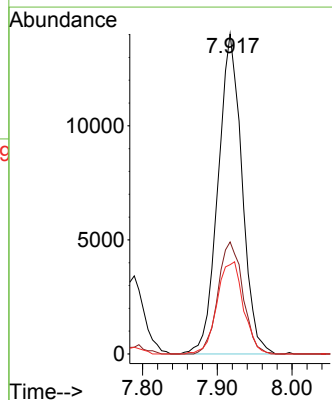
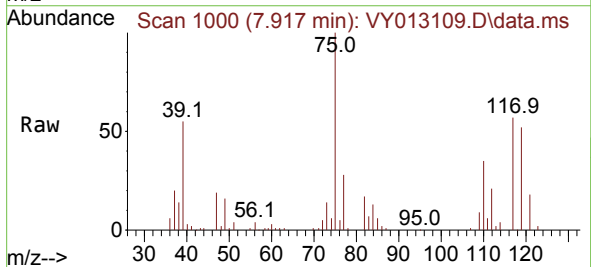
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

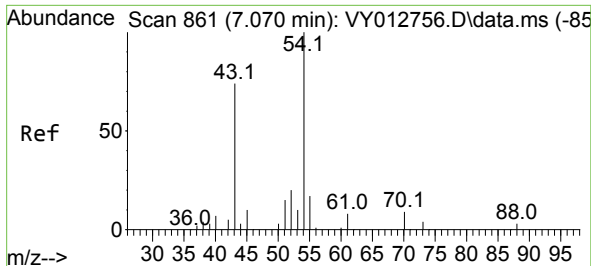
Tgt Ion:113 Resp: 53649
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.056 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 75 Resp: 31228
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.3
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 20.597 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

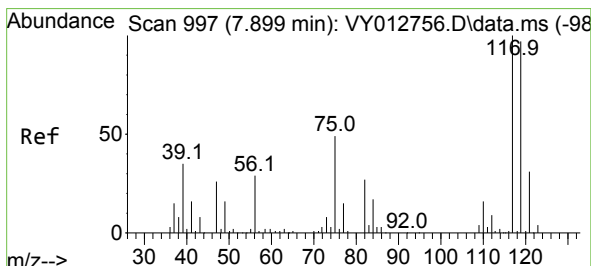
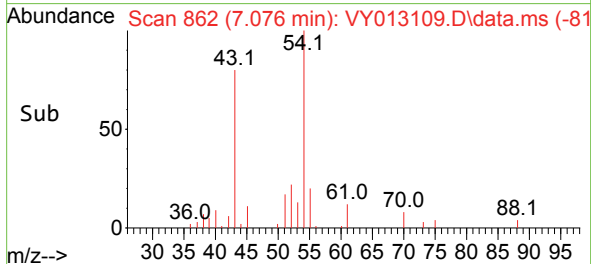
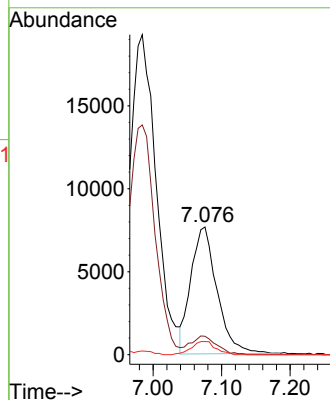
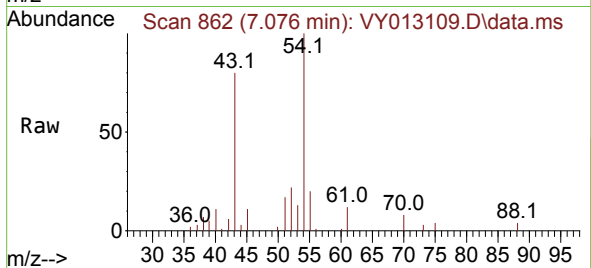
Tgt Ion: 43 Resp: 20214

Ion Ratio Lower Upper

43 100

61 15.0 10.7 16.1

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.249 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

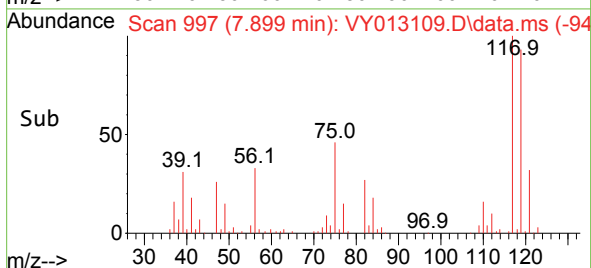
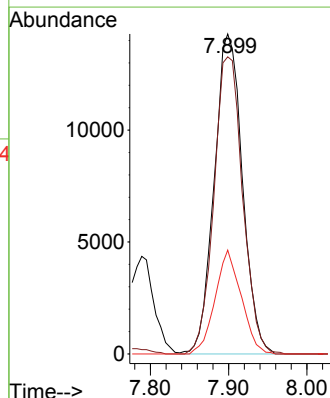
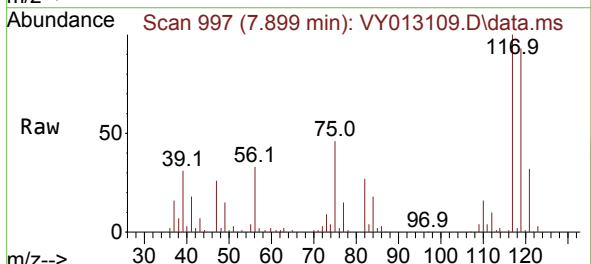
Tgt Ion: 117 Resp: 35774

Ion Ratio Lower Upper

117 100

119 92.8 77.2 115.8

121 32.4 24.7 37.1





#39

Methylcyclohexane

Concen: 19.272 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

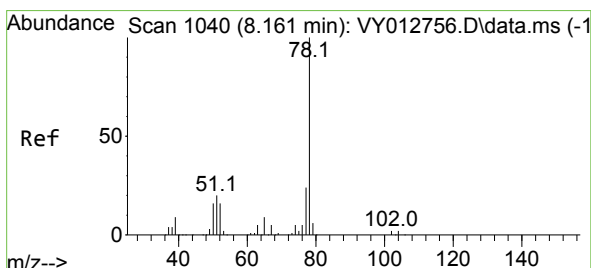
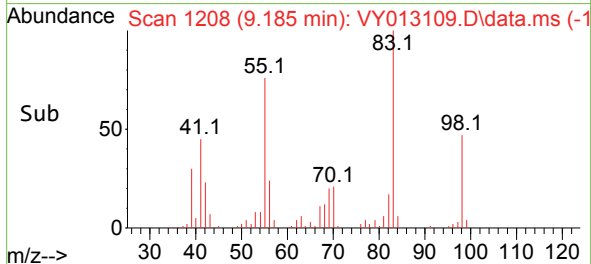
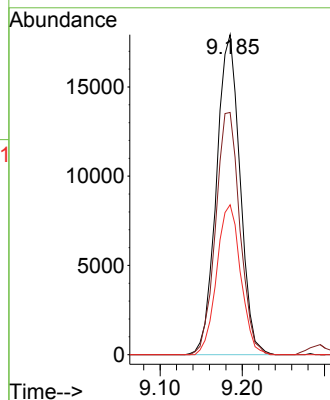
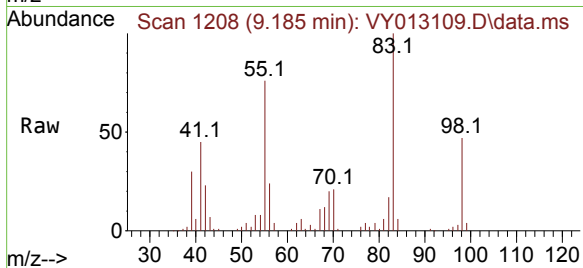
Tgt Ion: 83 Resp: 35676

Ion Ratio Lower Upper

83 100

55 75.7 60.0 90.0

98 46.8 38.3 57.5



#40

Benzene

Concen: 20.711 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013109.D

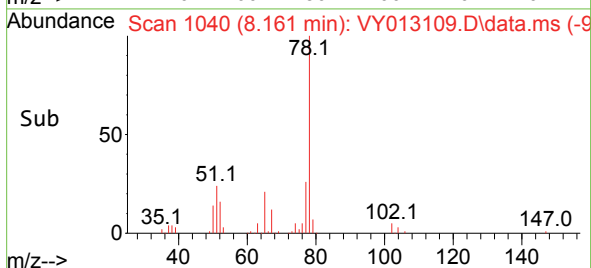
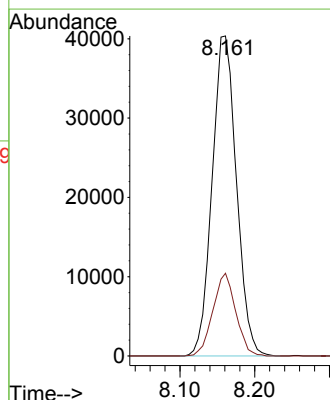
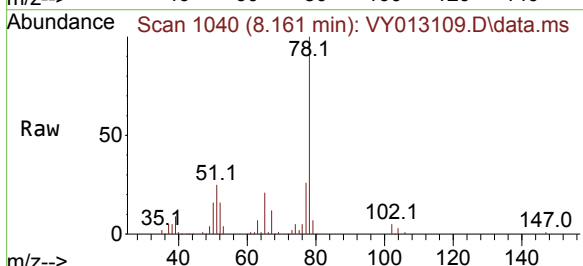
Acq: 28 Mar 2023 12:16

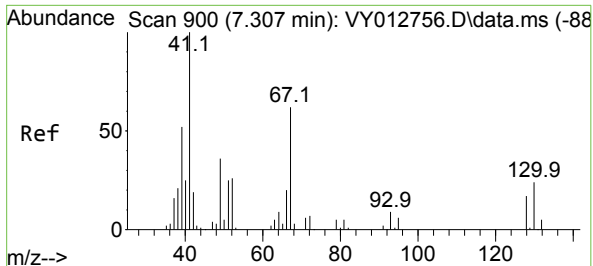
Tgt Ion: 78 Resp: 91220

Ion Ratio Lower Upper

78 100

77 25.8 19.4 29.0

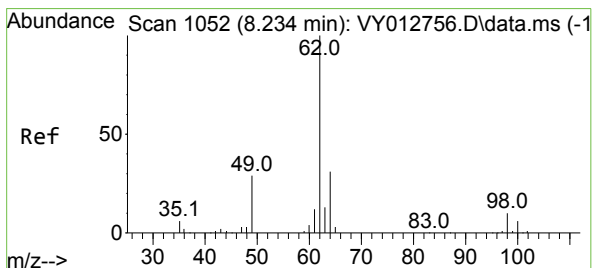
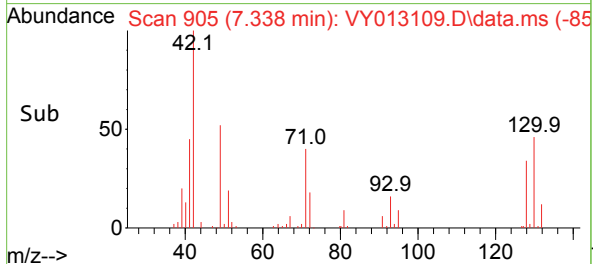
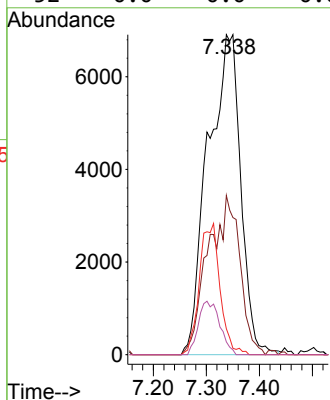
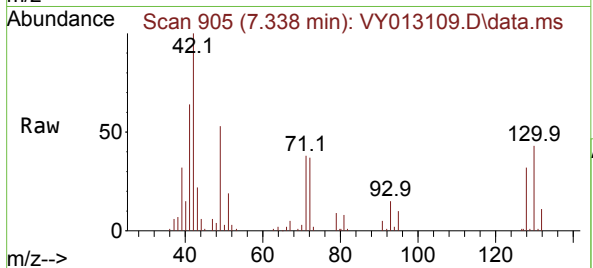




#41
Methacrylonitrile
Concen: 55.777 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

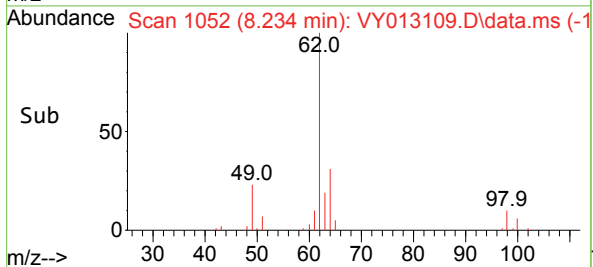
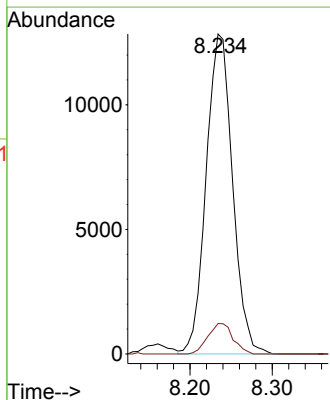
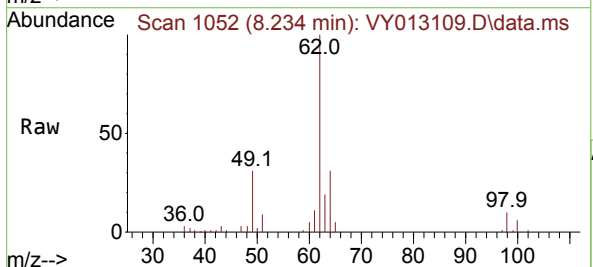
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

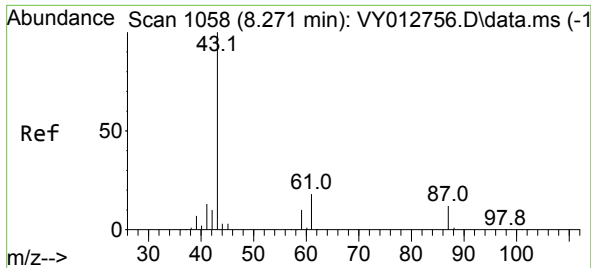
Tgt Ion:	41	Resp:	29492
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.635 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion:	62	Resp:	28649
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

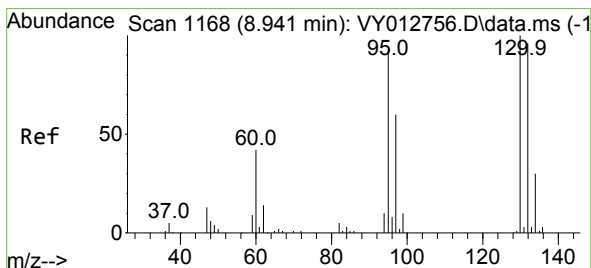
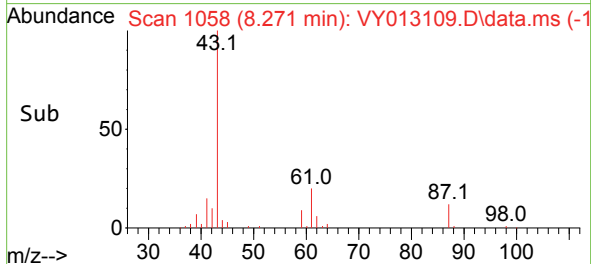
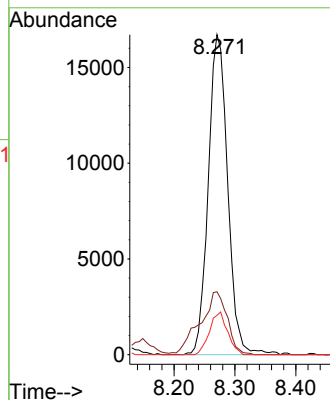
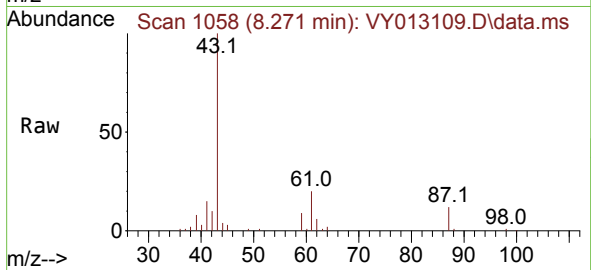




#43
Isopropyl Acetate
Concen: 21.120 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

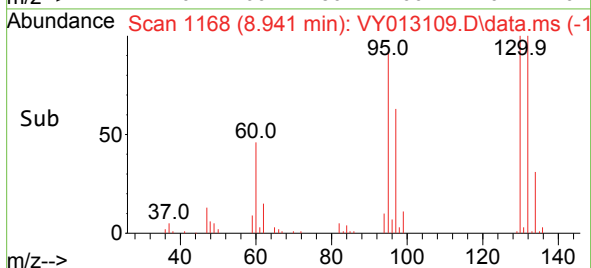
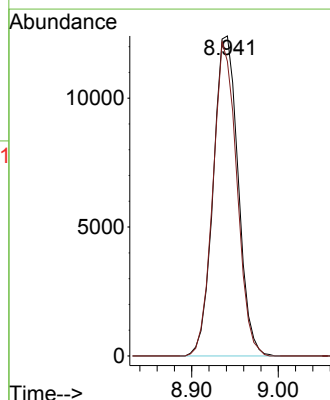
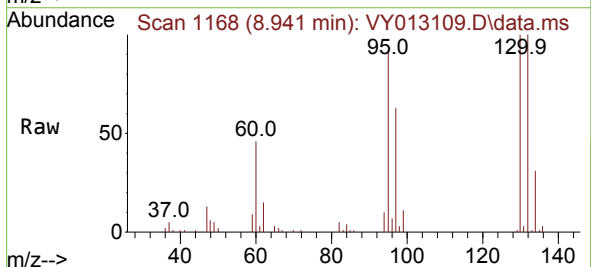
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

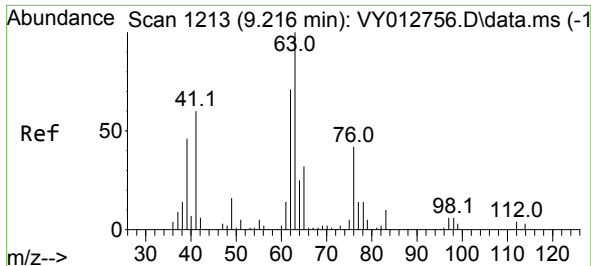
Tgt Ion: 43 Resp: 36980
Ion Ratio Lower Upper
43 100
61 27.6 21.6 32.4
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 21.259 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 130 Resp: 24687
Ion Ratio Lower Upper
130 100
95 92.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.547 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

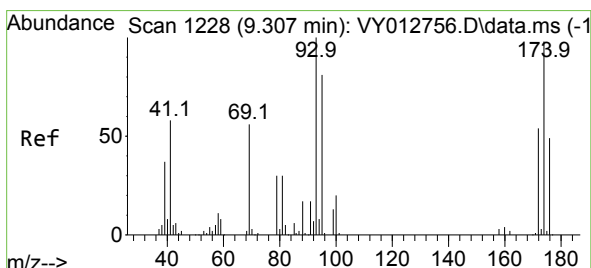
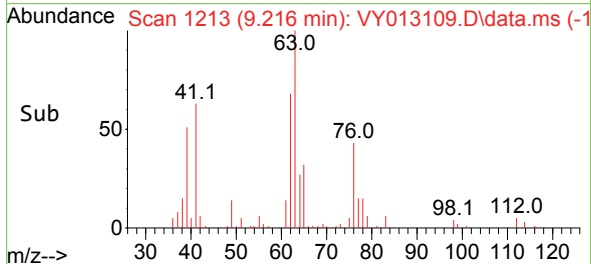
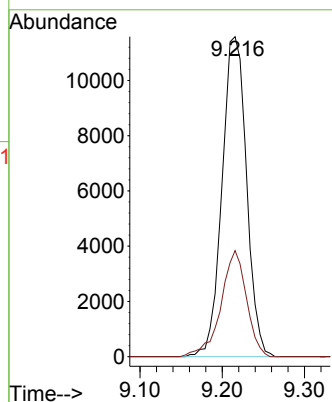
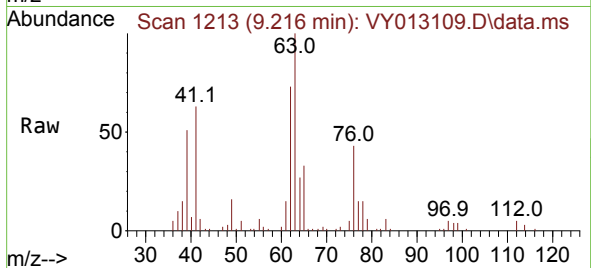
VY0328SBS01

Tgt Ion: 63 Resp: 23985

Ion Ratio Lower Upper

63 100

65 33.2 25.7 38.5



#46

Dibromomethane

Concen: 21.837 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

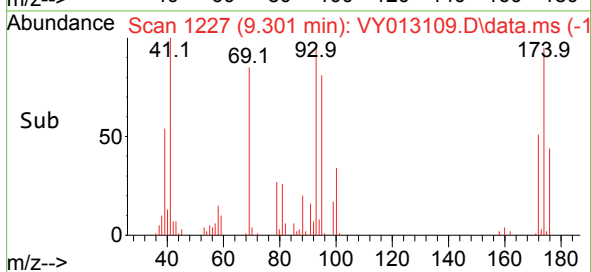
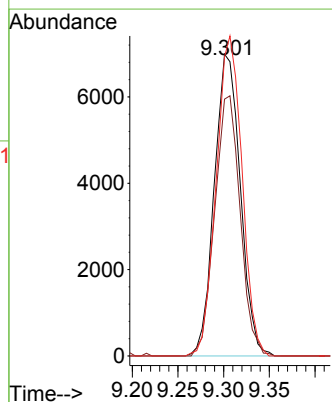
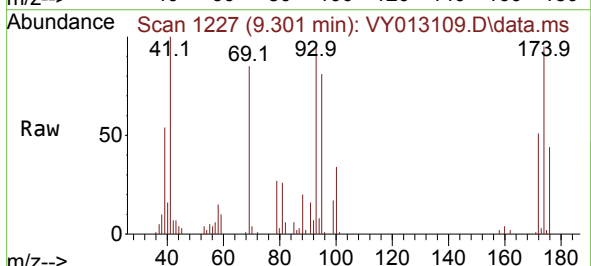
Tgt Ion: 93 Resp: 13848

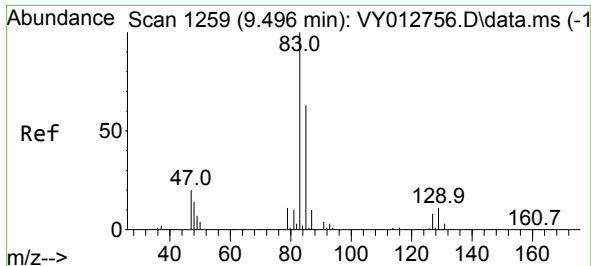
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 105.0 81.3 121.9

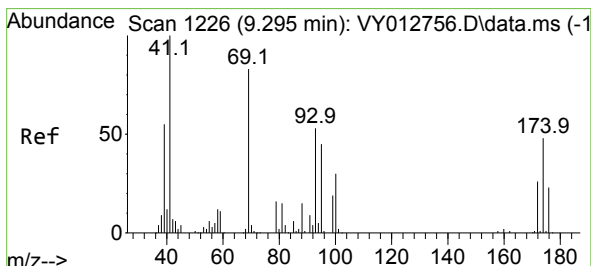
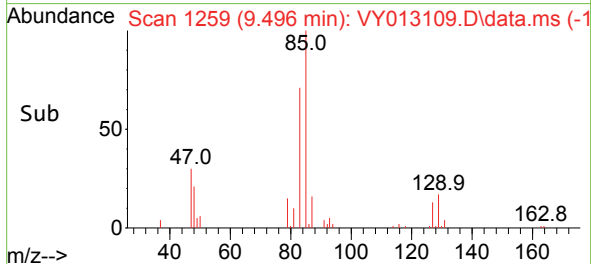
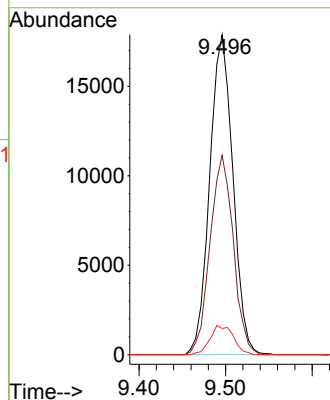
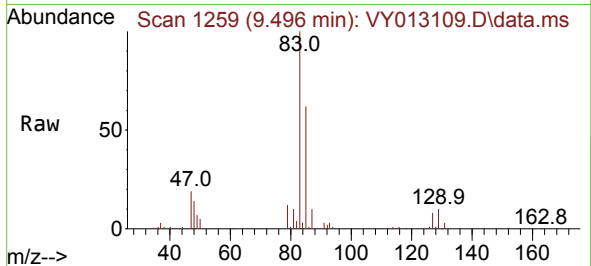




#47
Bromodichloromethane
Concen: 22.256 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

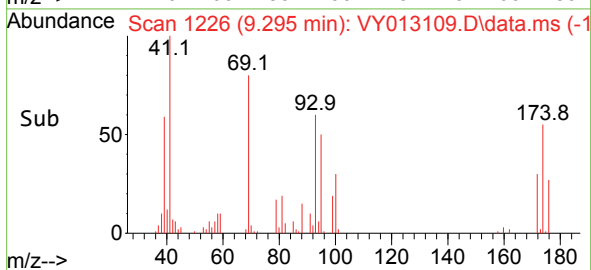
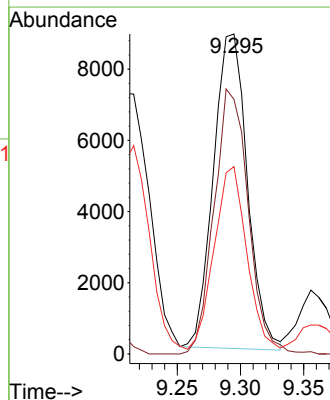
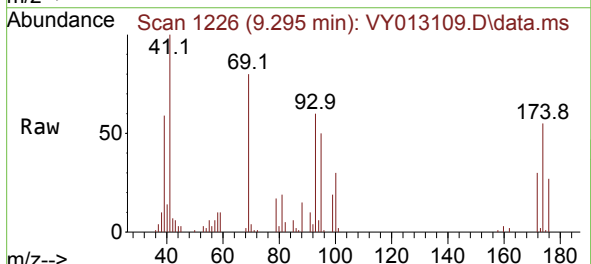
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

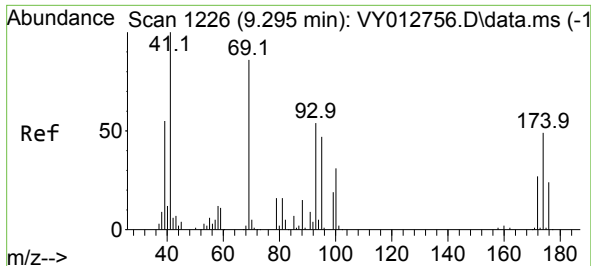
Tgt Ion: 83	Resp:	33259
Ion Ratio	Lower	Upper
83	100	
85	62.4	50.2 75.4
127	8.2	6.3 9.5



#48
Methyl methacrylate
Concen: 20.424 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 41	Resp:	16478
Ion Ratio	Lower	Upper
41	100	
69	85.1	64.1 96.1
39	56.0	44.0 66.0





#49

1,4-Dioxane

Concen: 402.047 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

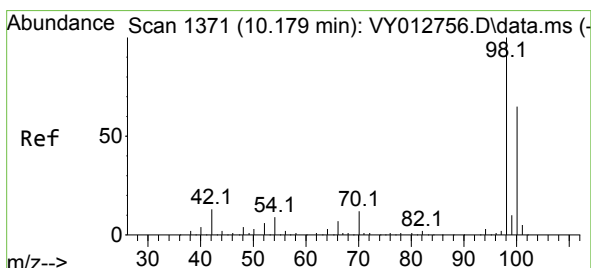
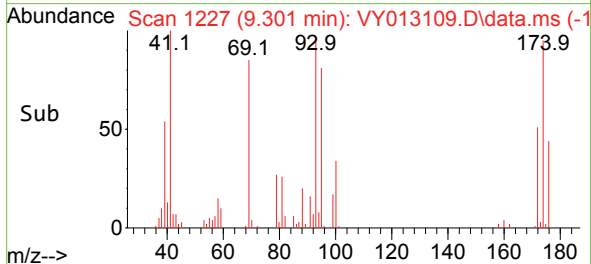
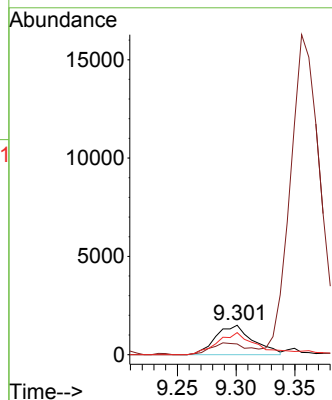
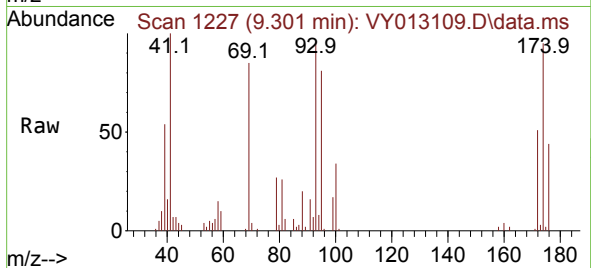
Tgt Ion: 88 Resp: 3296

Ion Ratio Lower Upper

88 100

43 39.7 28.6 42.8

58 86.9 55.2 82.8#



#50

Toluene-d8

Concen: 49.709 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013109.D

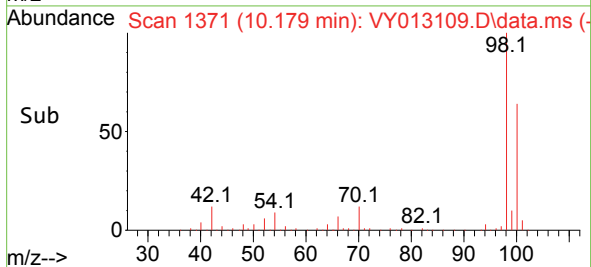
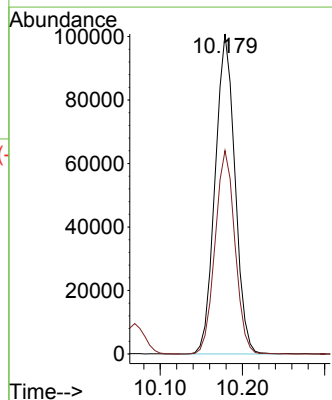
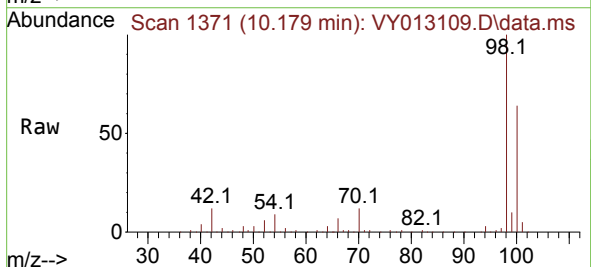
Acq: 28 Mar 2023 12:16

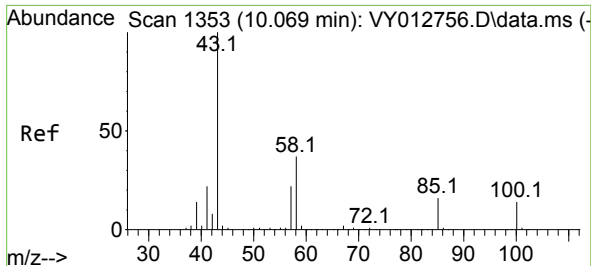
Tgt Ion: 98 Resp: 168851

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

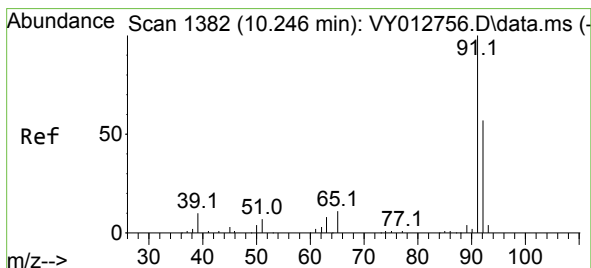
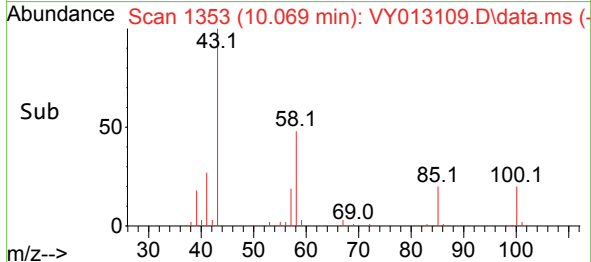
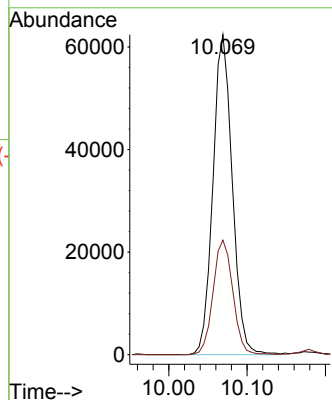
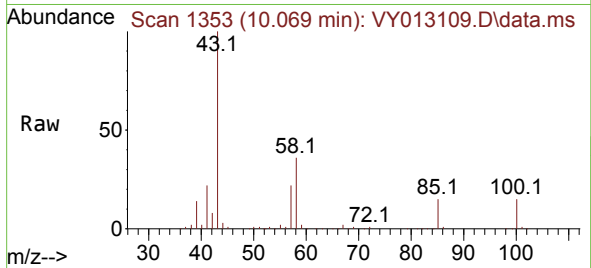




#51
4-Methyl-2-Pentanone
Concen: 112.807 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

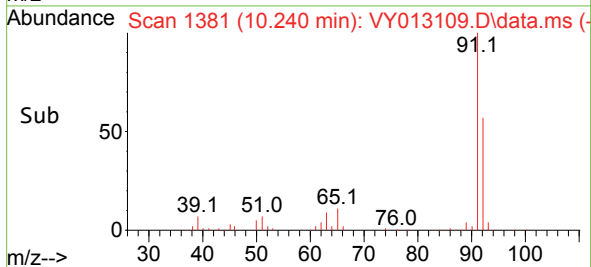
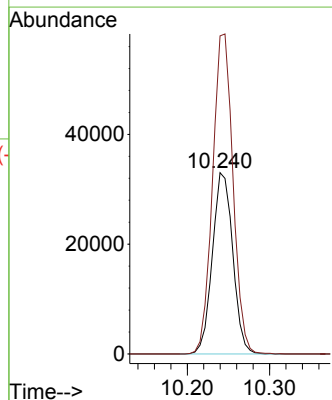
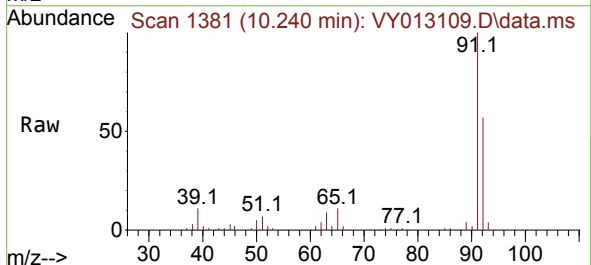
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

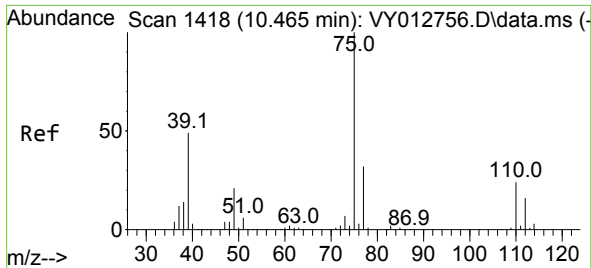
Tgt Ion: 43 Resp: 107140
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6



#52
Toluene
Concen: 21.412 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 92 Resp: 56876
Ion Ratio Lower Upper
92 100
91 176.8 141.3 211.9

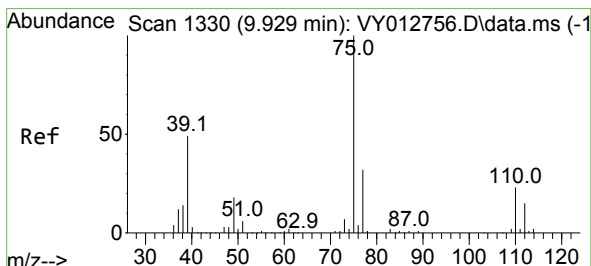
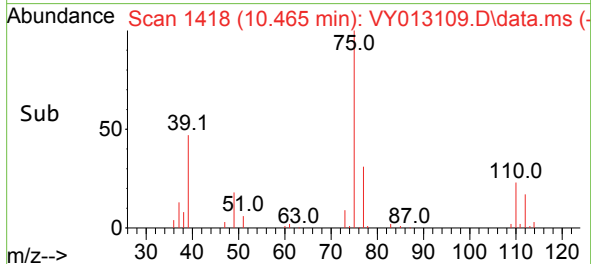
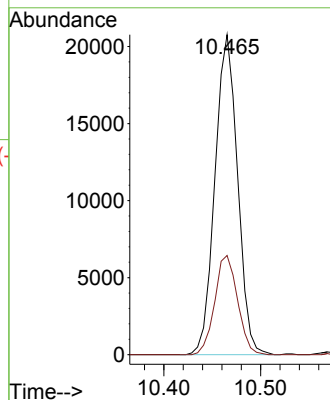
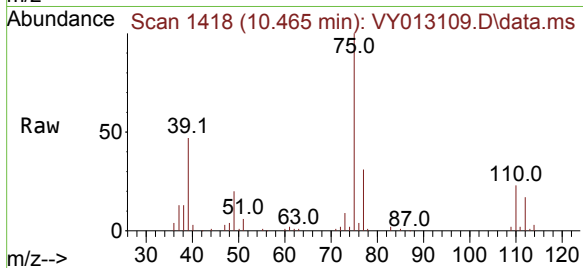




#53
 t-1,3-Dichloropropene
 Concen: 21.491 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

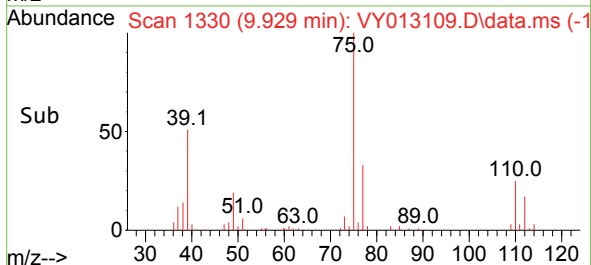
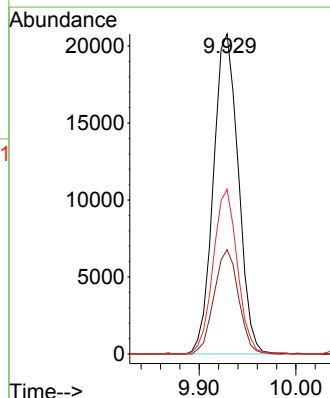
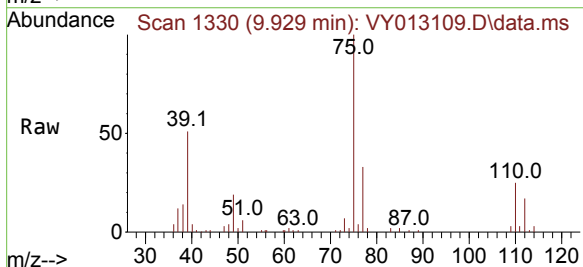
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

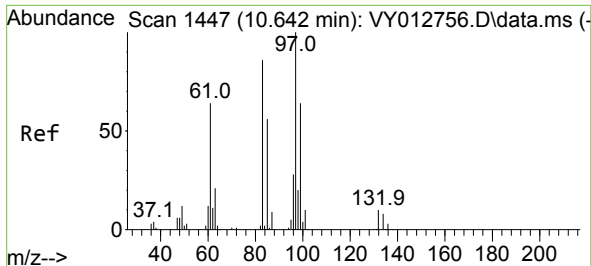
Tgt Ion: 75 Resp: 33687
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.958 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013109.D
 Acq: 28 Mar 2023 12:16

Tgt Ion: 75 Resp: 37183
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 51.5 39.0 58.4

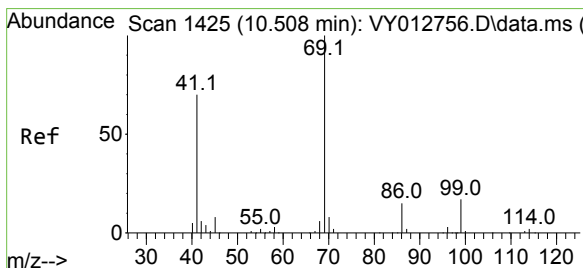
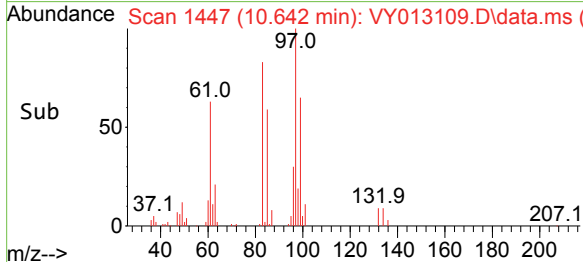
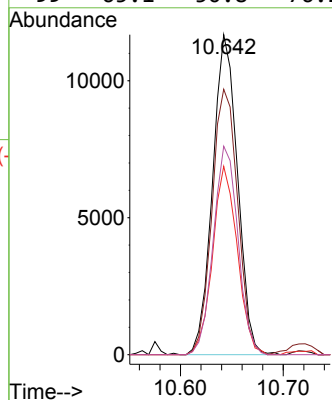
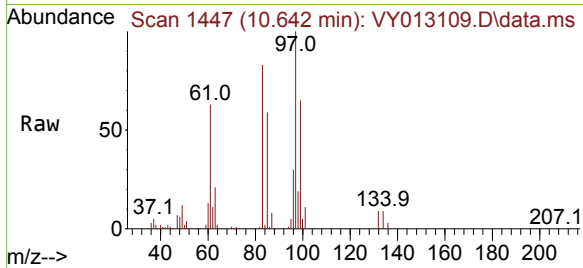




#55
1,1,2-Trichloroethane
Concen: 22.233 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

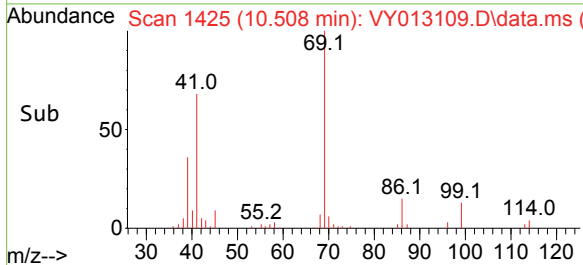
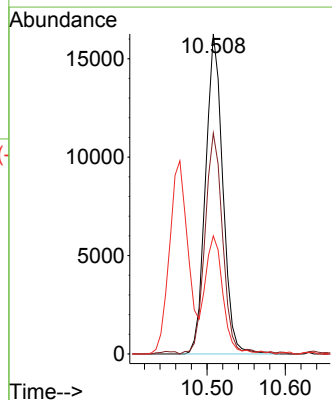
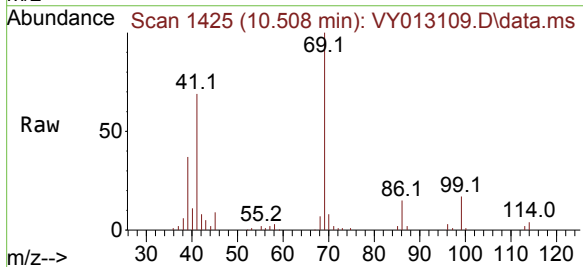
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

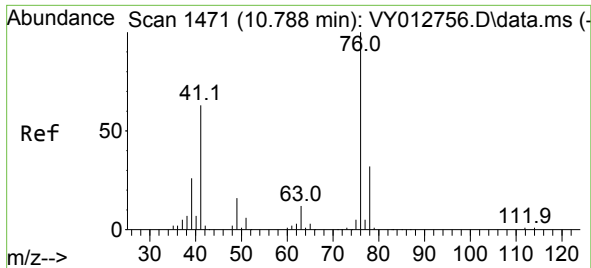
Tgt Ion:	97	Resp:	19635
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	58.8	44.9	67.3
99	65.1	50.8	76.2



#56
Ethyl methacrylate
Concen: 21.086 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion:	69	Resp:	24831
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.4	84.6
39	36.0	30.8	46.2





#57

1,3-Dichloropropane

Concen: 22.037 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

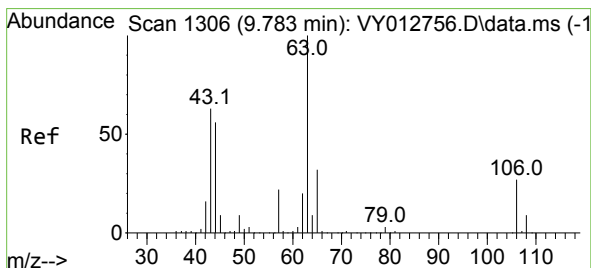
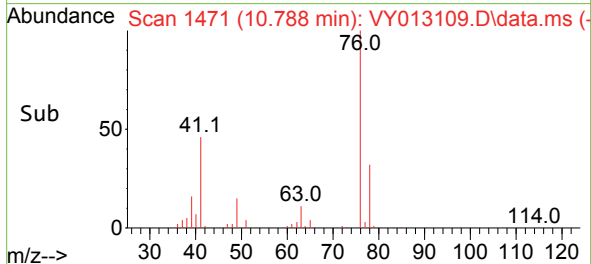
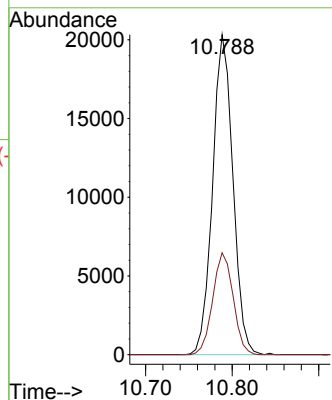
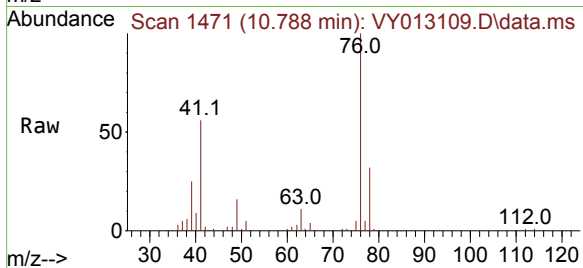
VY0328SBS01

Tgt Ion: 76 Resp: 33149

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.580 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013109.D

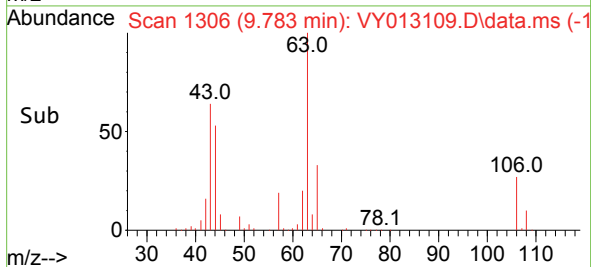
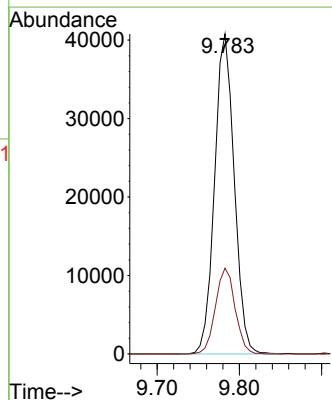
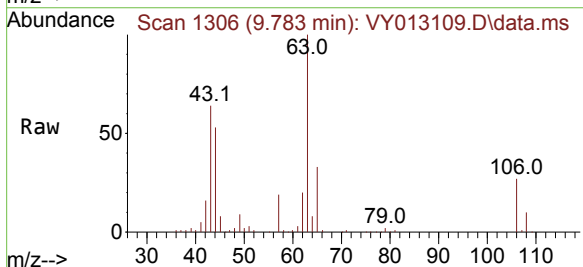
Acq: 28 Mar 2023 12:16

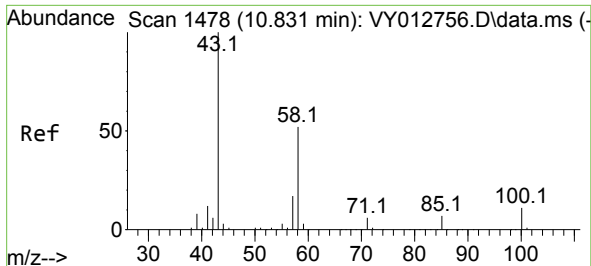
Tgt Ion: 63 Resp: 67741

Ion Ratio Lower Upper

63 100

106 26.8 22.1 33.1

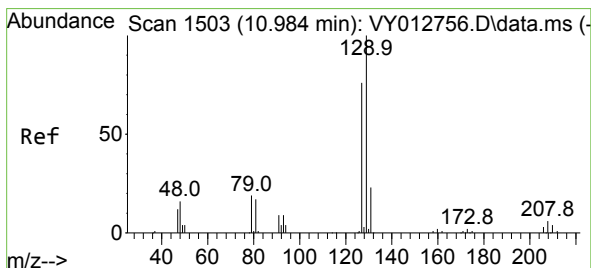
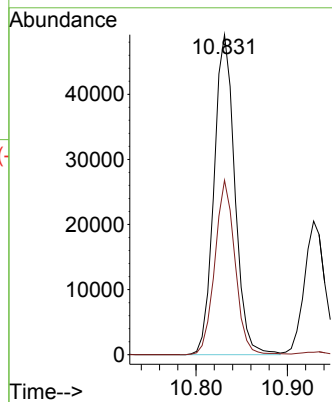
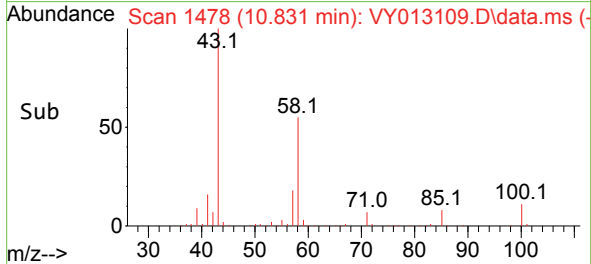
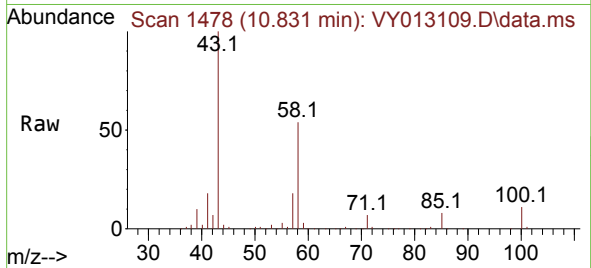




#59
2-Hexanone
Concen: 112.657 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

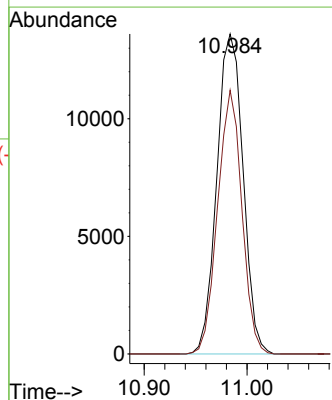
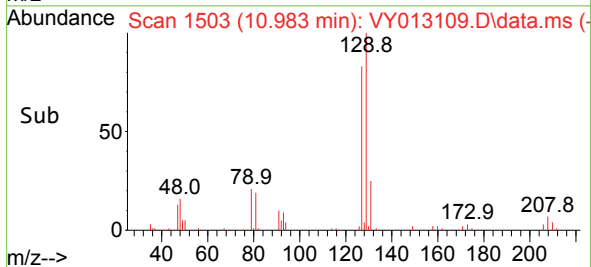
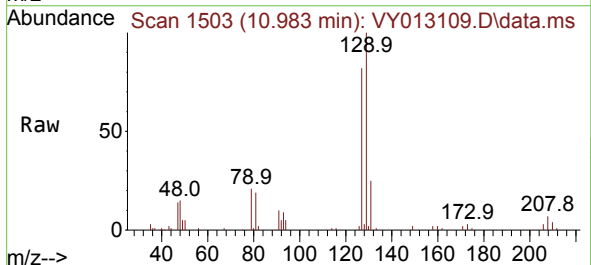
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

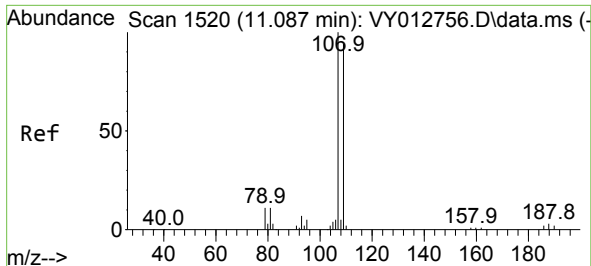
Tgt Ion: 43 Resp: 77764
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 22.407 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 129 Resp: 24089
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

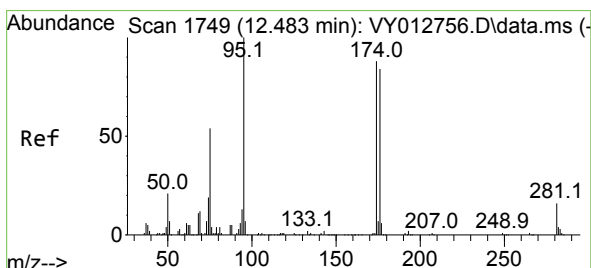
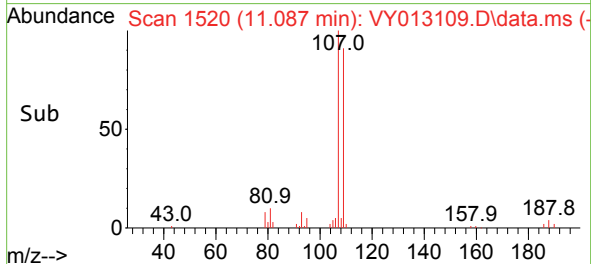
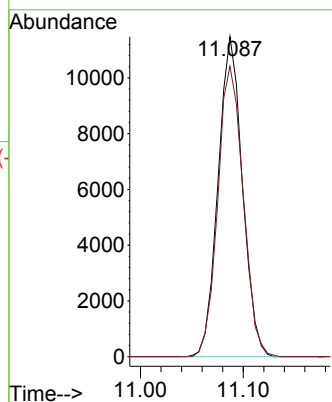
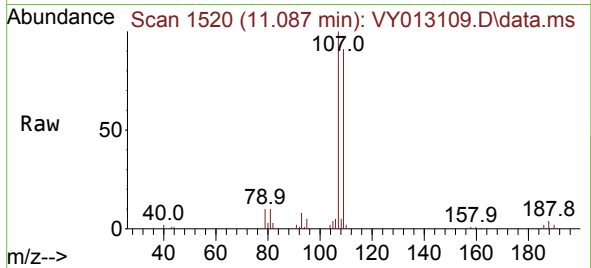




#61
1,2-Dibromoethane
Concen: 22.108 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

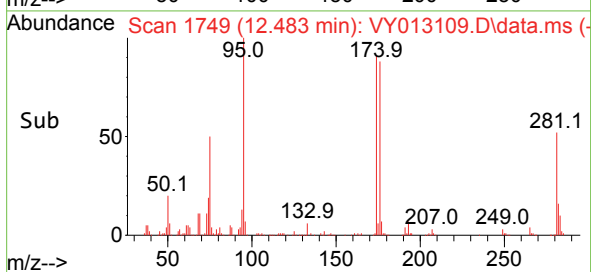
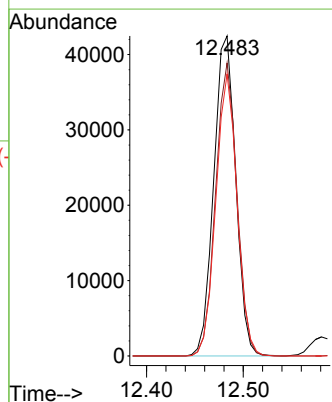
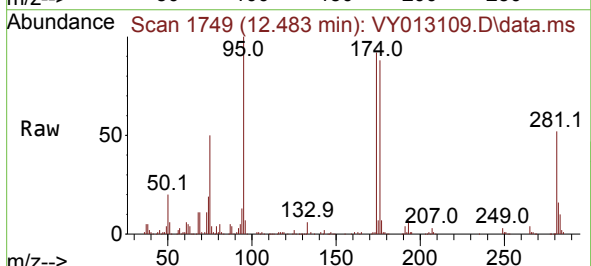
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

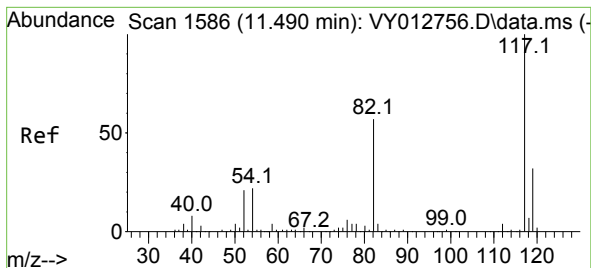
Tgt Ion:107 Resp: 18808
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 58.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 95 Resp: 66963
Ion Ratio Lower Upper
95 100
174 88.9 0.0 176.6
176 85.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

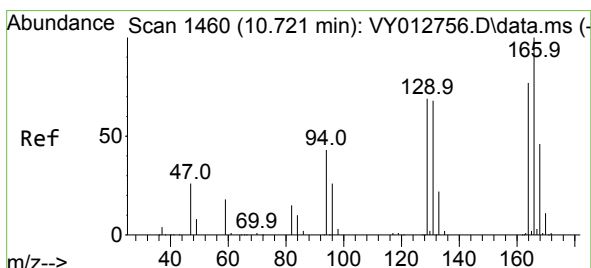
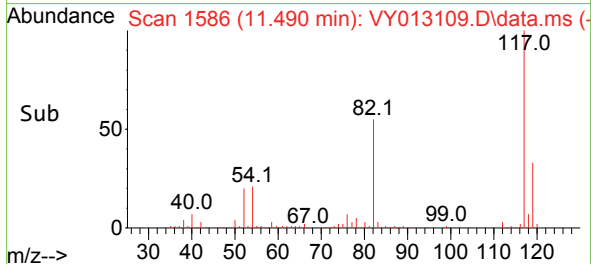
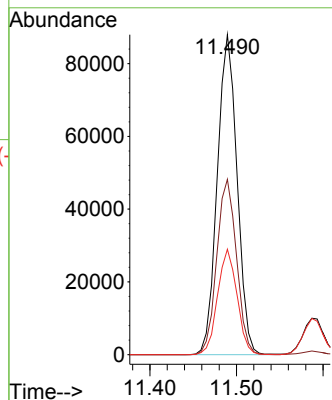
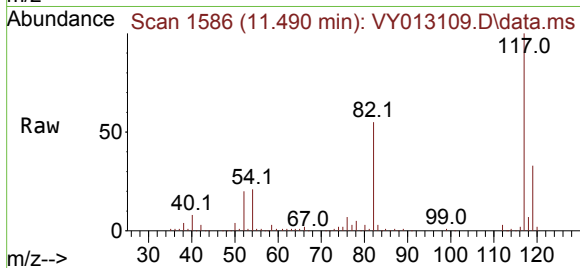
Tgt Ion:117 Resp: 139623

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 22.019 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Tgt Ion:164 Resp: 22384

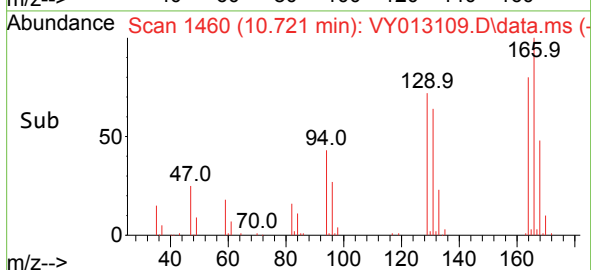
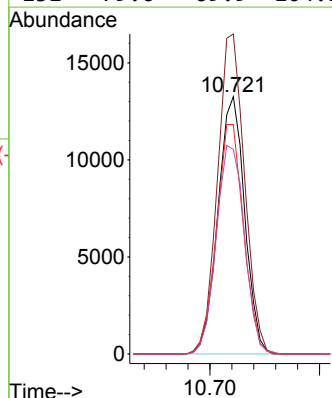
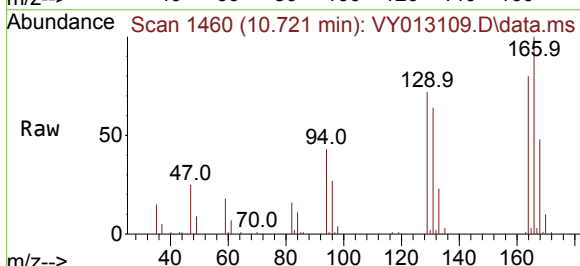
Ion Ratio Lower Upper

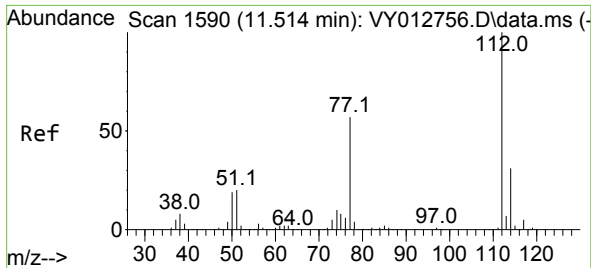
164 100

166 124.4 103.4 155.2

129 89.2 71.4 107.2

131 79.6 69.9 104.9

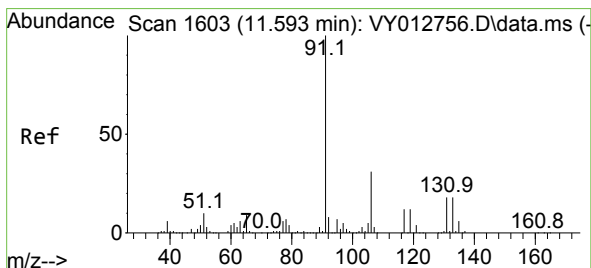
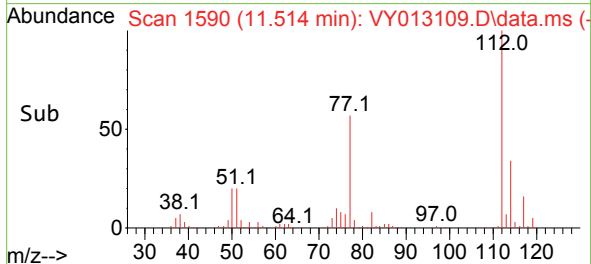
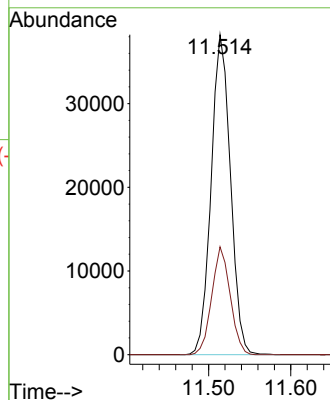
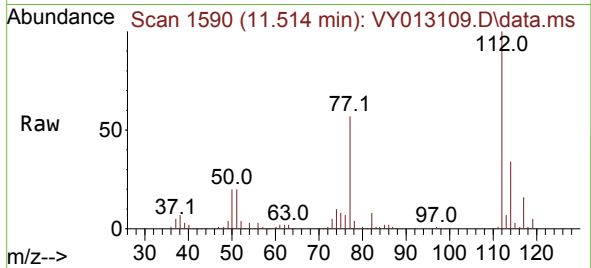




#65
Chlorobenzene
Concen: 21.315 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

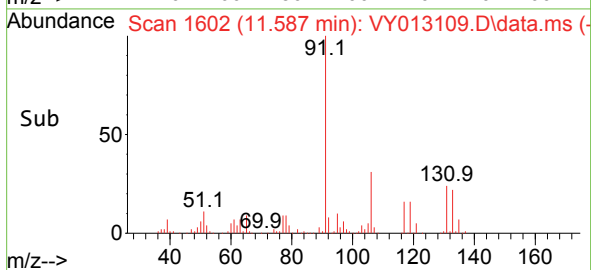
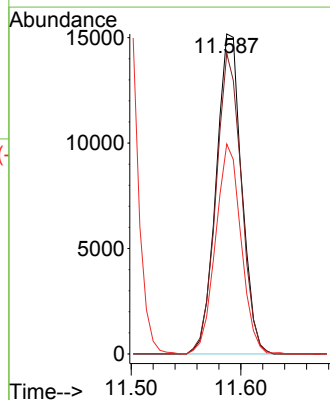
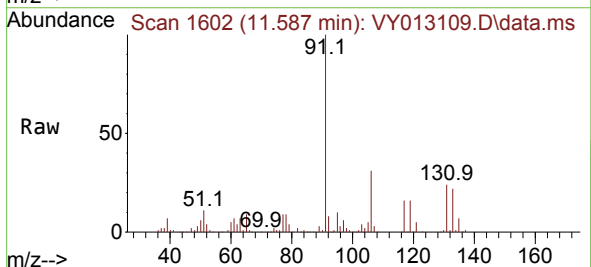
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

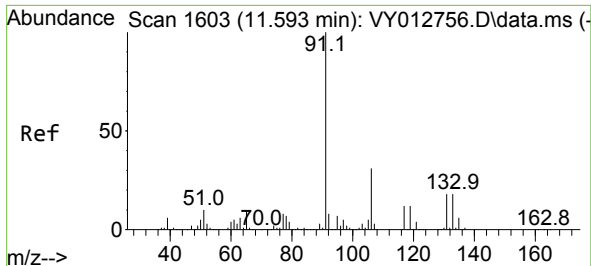
Tgt Ion:112 Resp: 62460
Ion Ratio Lower Upper
112 100
114 33.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.638 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion:131 Resp: 24547
Ion Ratio Lower Upper
131 100
133 93.5 48.0 144.0
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 21.078 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

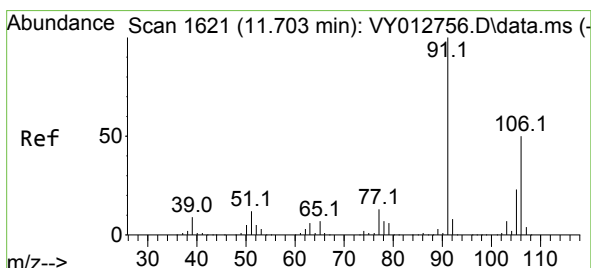
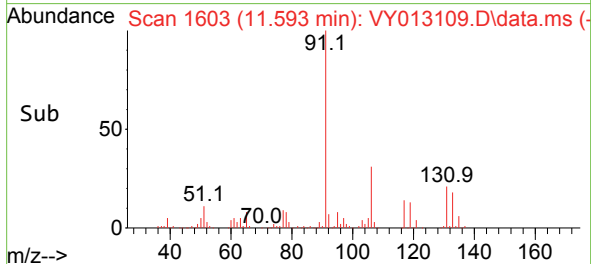
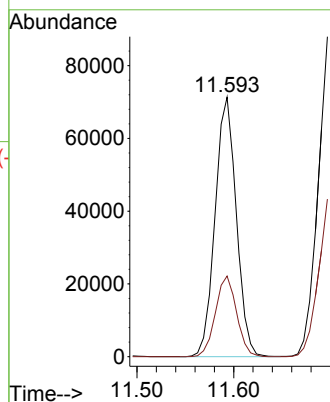
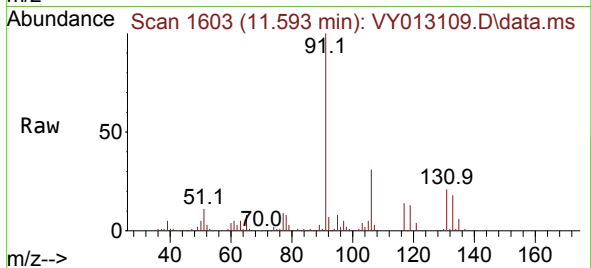
VY0328SBS01

Tgt Ion: 91 Resp: 108593

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 42.096 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013109.D

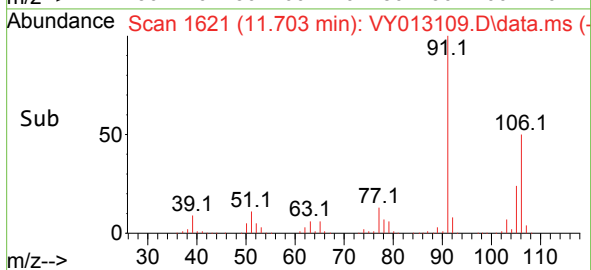
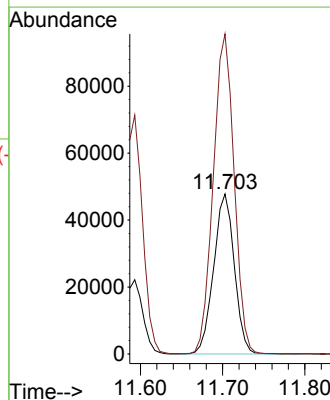
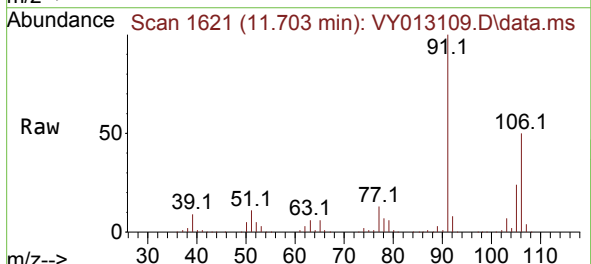
Acq: 28 Mar 2023 12:16

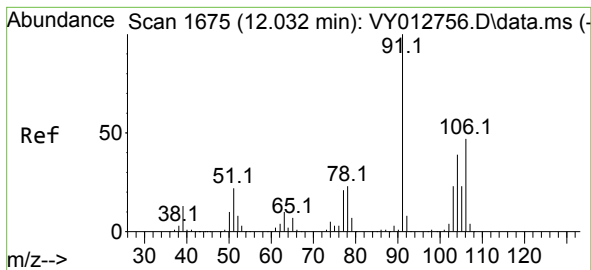
Tgt Ion:106 Resp: 83433

Ion Ratio Lower Upper

106 100

91 201.9 159.8 239.8

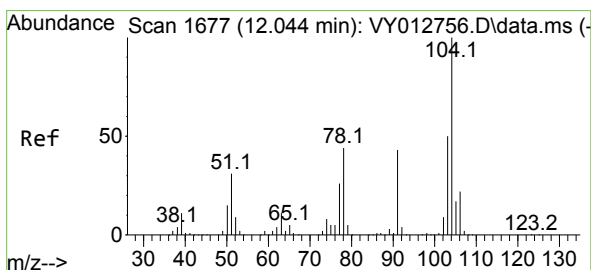
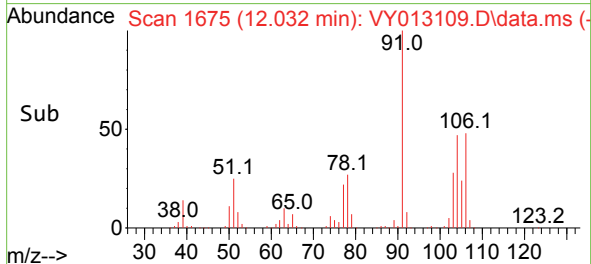
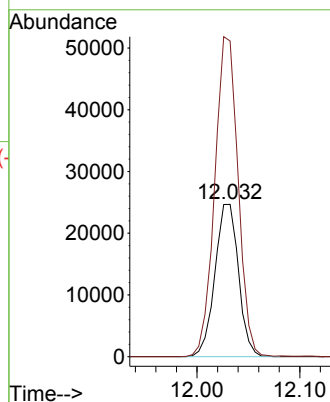
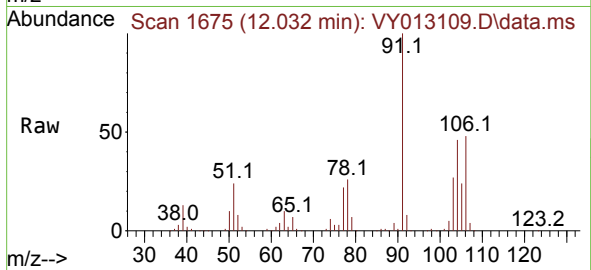




#69
o-Xylene
Concen: 21.191 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

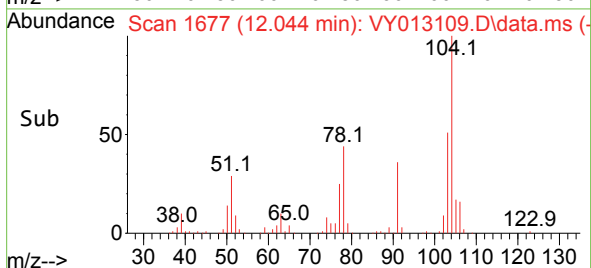
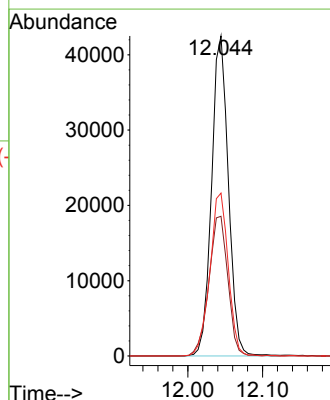
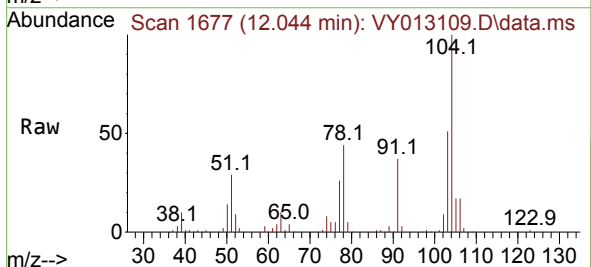
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion:106 Resp: 39198
Ion Ratio Lower Upper
106 100
91 208.8 107.2 321.6



#70
Styrene
Concen: 21.538 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion:104 Resp: 66484
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.7 43.7 65.5





#71

Bromoform

Concen: 23.027 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

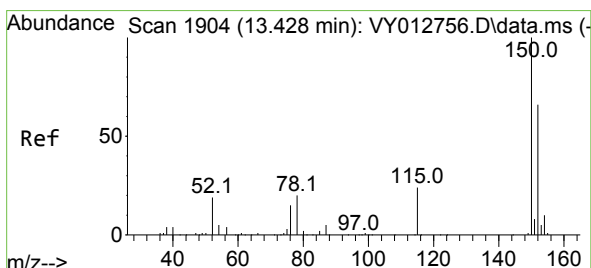
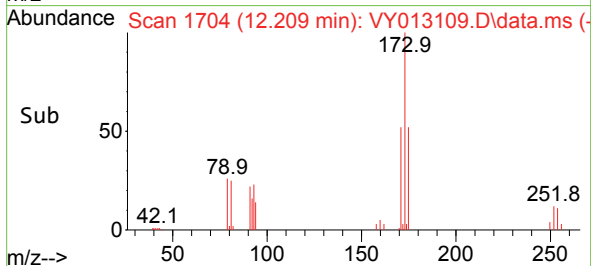
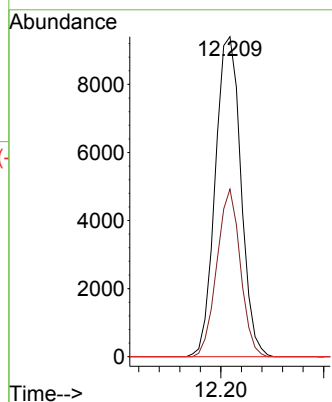
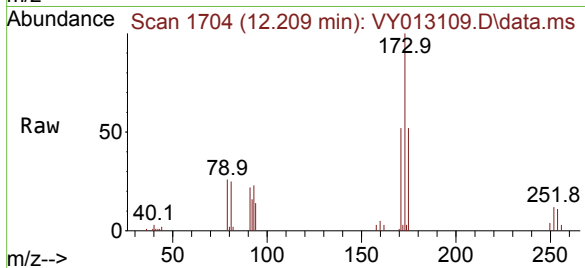
Tgt Ion:173 Resp: 16280

Ion Ratio Lower Upper

173 100

175 47.9 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

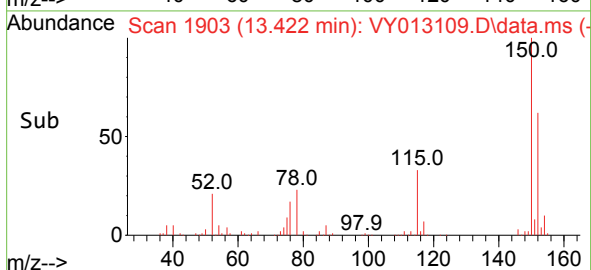
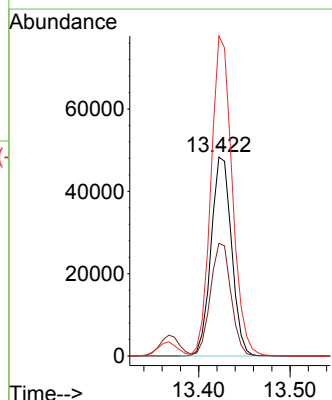
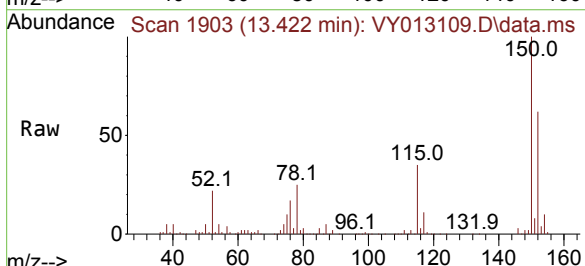
Tgt Ion:152 Resp: 75326

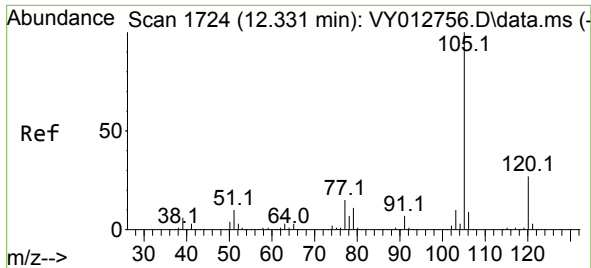
Ion Ratio Lower Upper

152 100

115 56.9 27.1 81.3

150 166.5 0.0 347.8

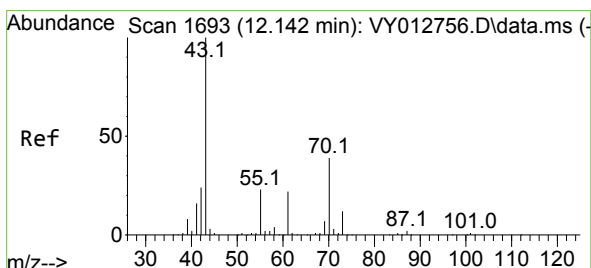
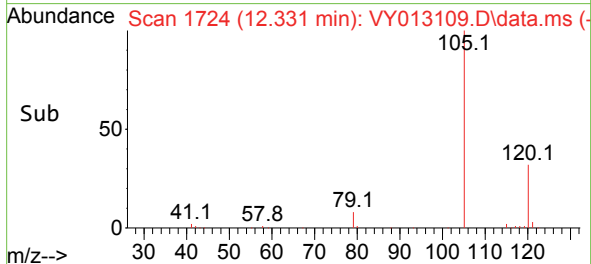
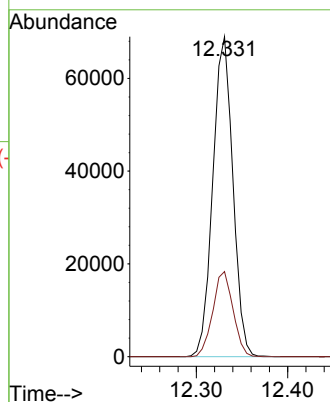
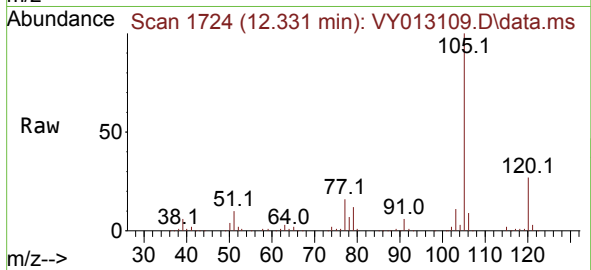




#73
Isopropylbenzene
Concen: 19.644 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

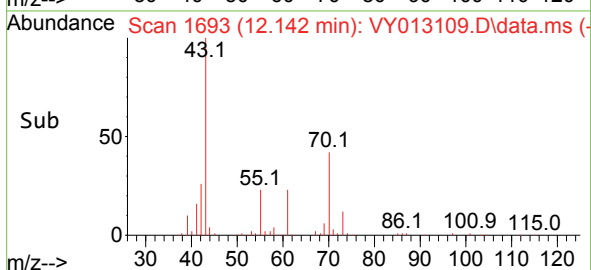
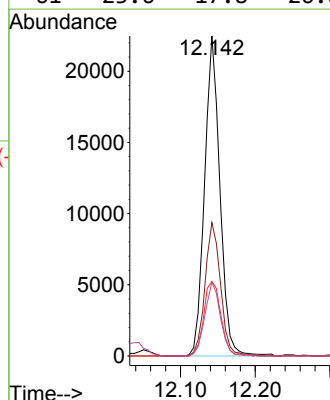
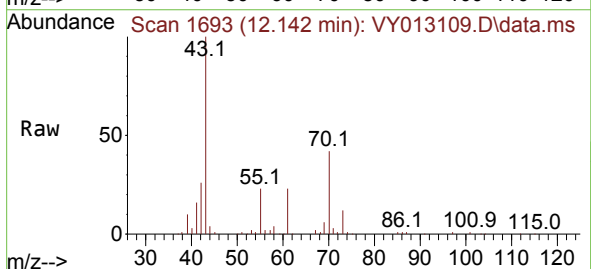
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

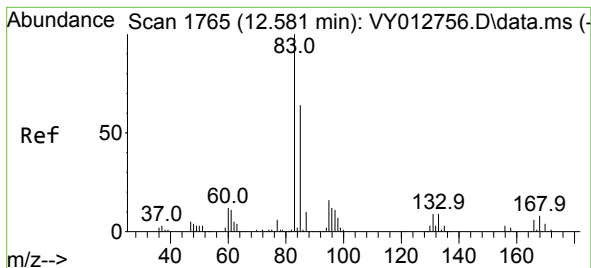
Tgt Ion:105 Resp: 104870
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 19.069 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 43 Resp: 32030
Ion Ratio Lower Upper
43 100
70 42.0 31.6 47.4
55 26.2 18.8 28.2
61 23.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.355 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

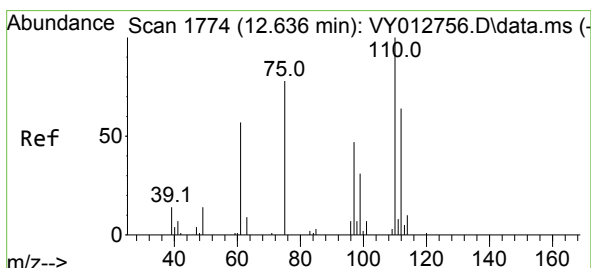
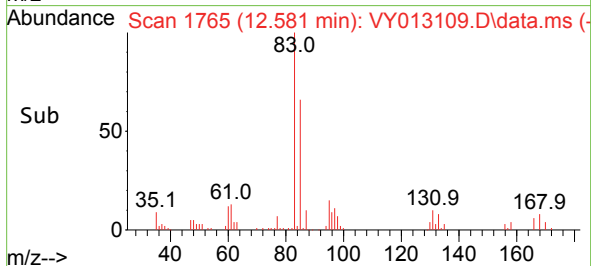
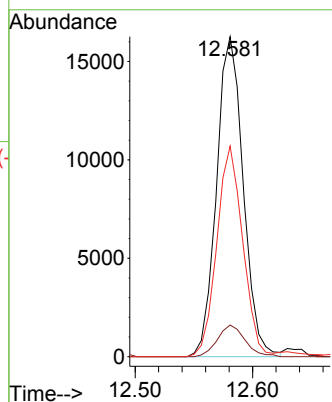
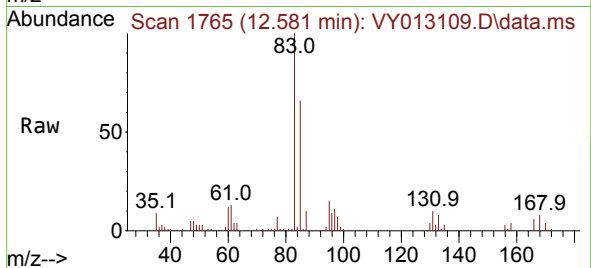
Tgt Ion: 83 Resp: 25627

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 35.429 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013109.D

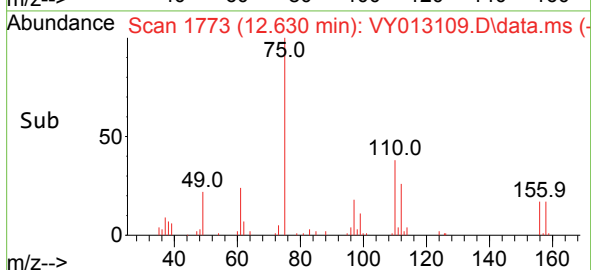
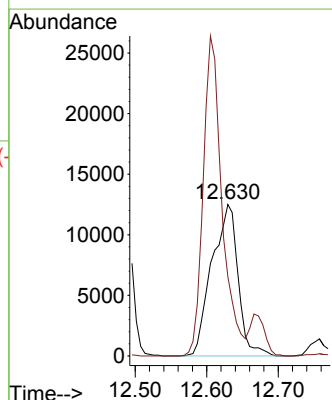
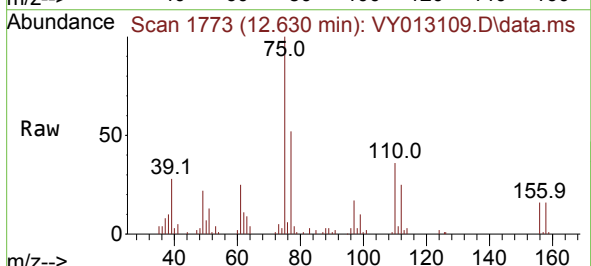
Acq: 28 Mar 2023 12:16

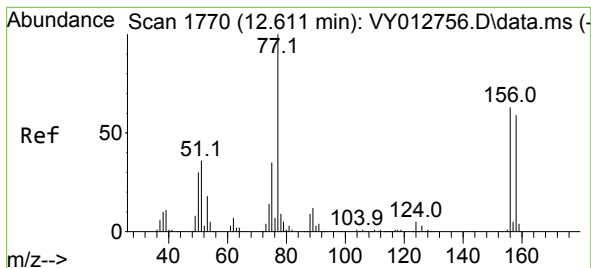
Tgt Ion: 75 Resp: 31869

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.060 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

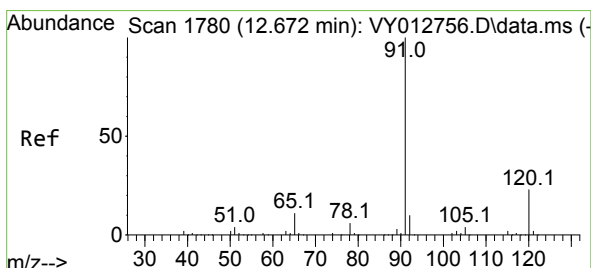
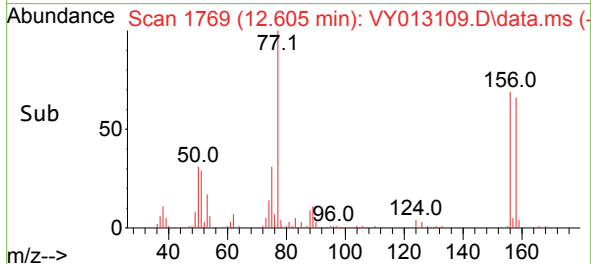
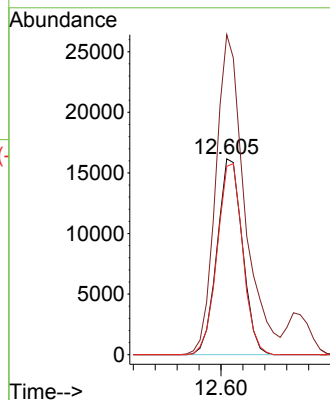
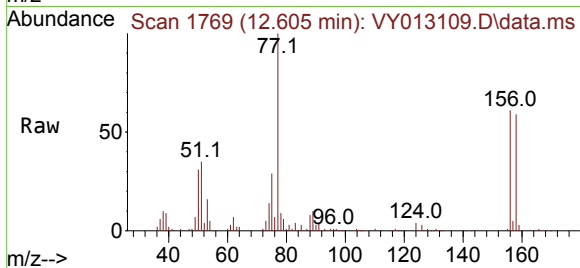
Tgt Ion:156 Resp: 26015

Ion Ratio Lower Upper

156 100

77 185.9 94.0 282.1

158 97.9 48.1 144.4



#78

n-propylbenzene

Concen: 20.129 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013109.D

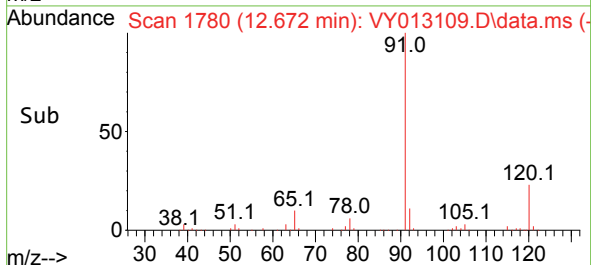
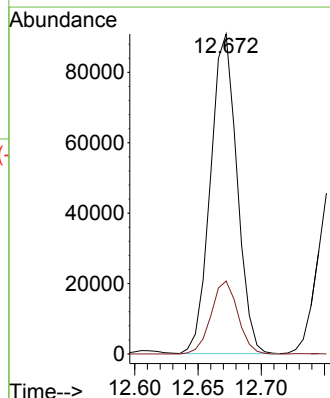
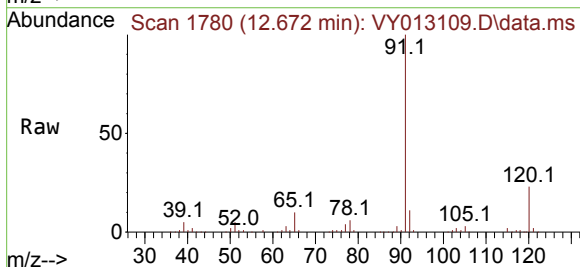
Acq: 28 Mar 2023 12:16

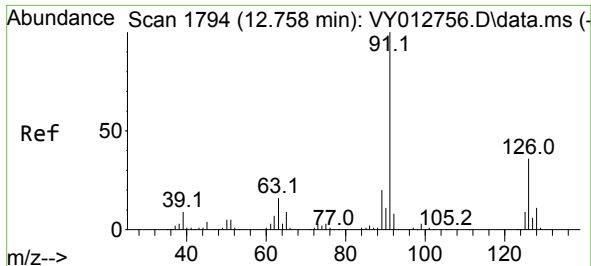
Tgt Ion: 91 Resp: 132483

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

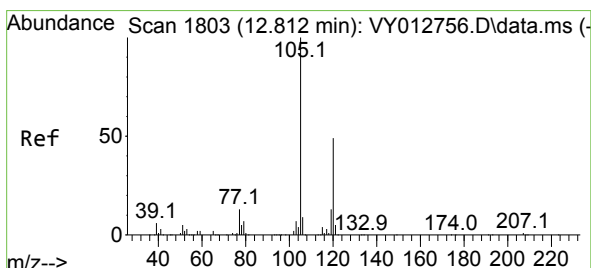
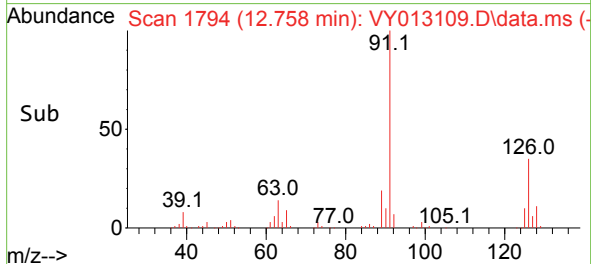
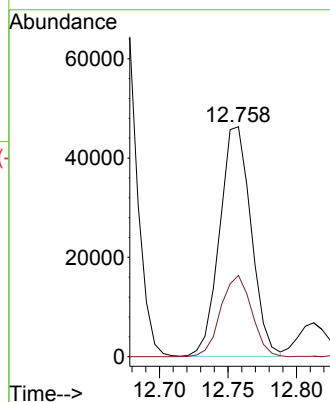
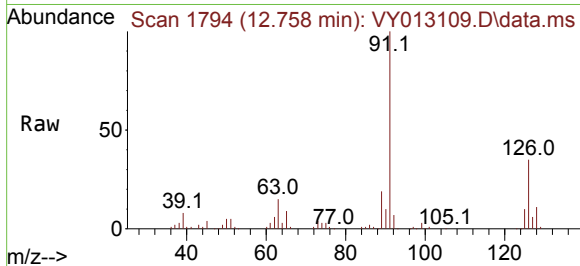




#79
2-Chlorotoluene
Concen: 20.241 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

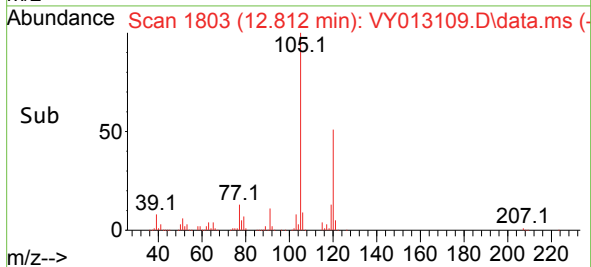
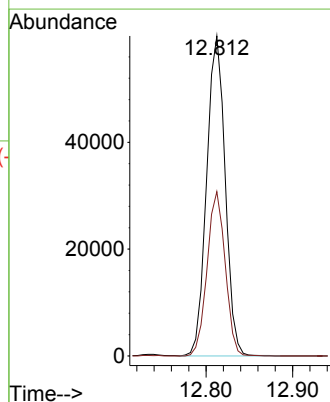
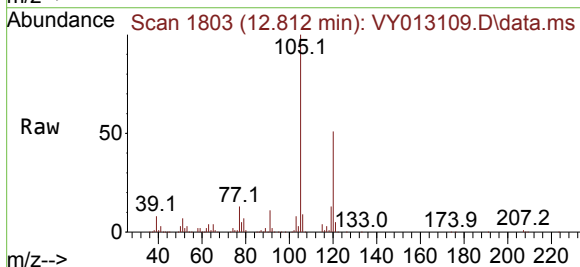
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion: 91 Resp: 74041
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.217 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 105 Resp: 89067
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.4

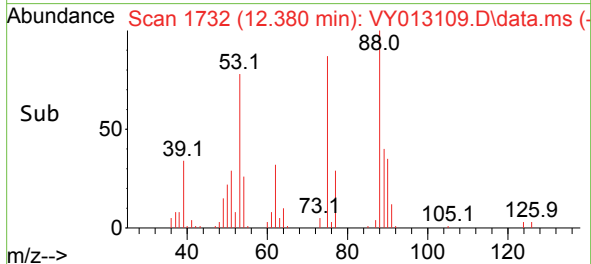
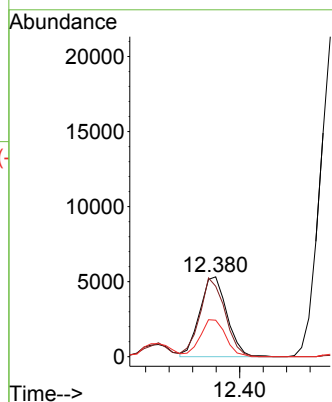
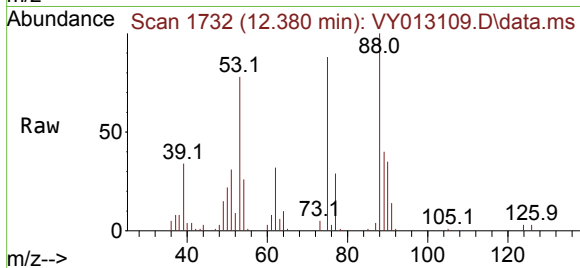




#81
trans-1,4-Dichloro-2-butene
Concen: 19.619 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

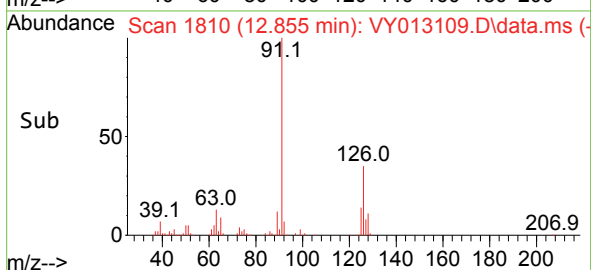
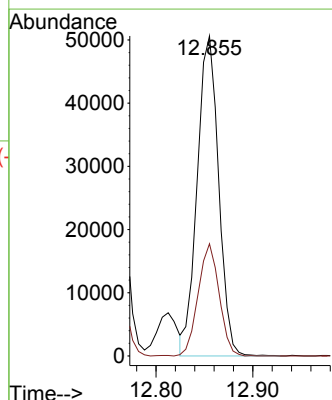
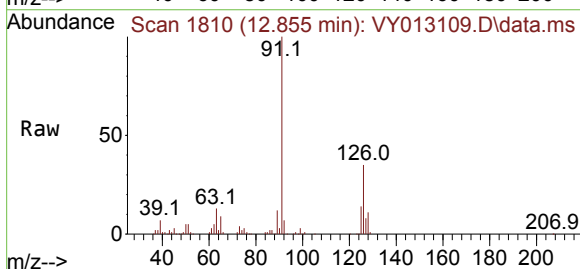
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

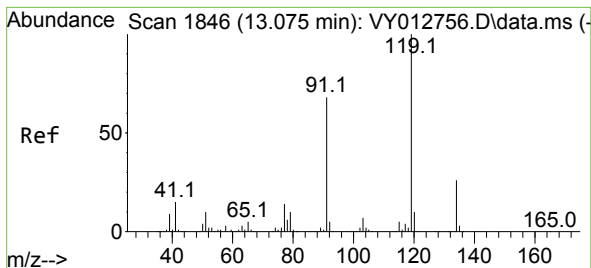
Tgt Ion: 75 Resp: 8517
Ion Ratio Lower Upper
75 100
53 91.5 73.4 110.0
89 43.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.595 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 91 Resp: 77984
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.340 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

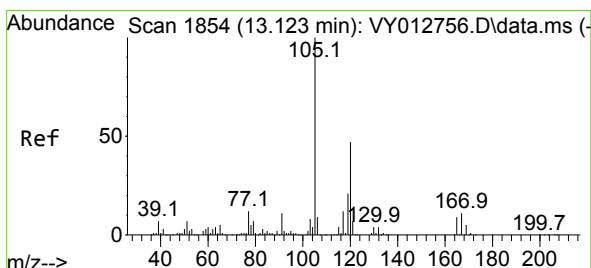
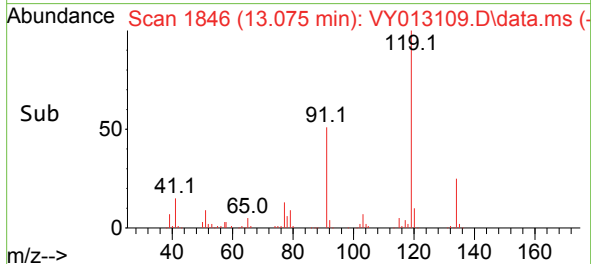
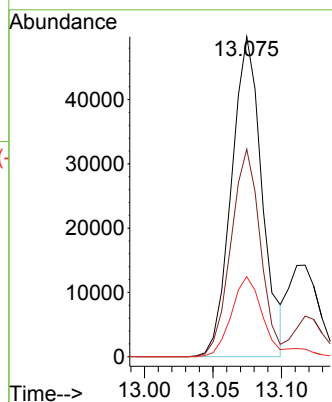
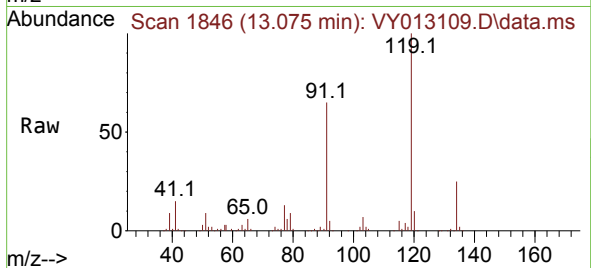
Tgt Ion:119 Resp: 77344

Ion Ratio Lower Upper

119 100

91 62.4 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.388 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013109.D

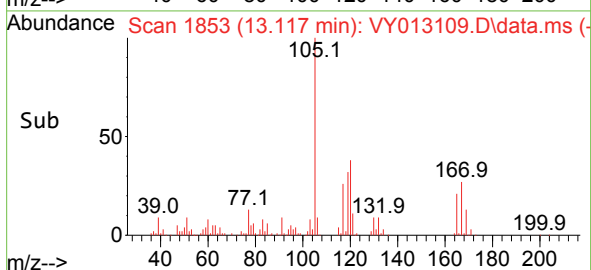
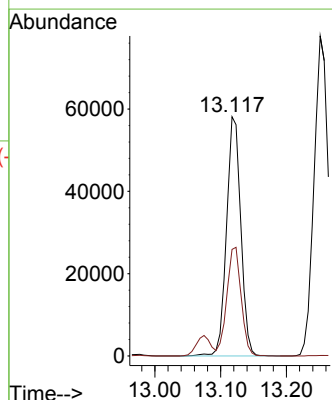
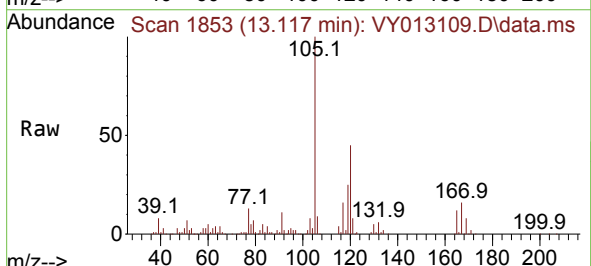
Acq: 28 Mar 2023 12:16

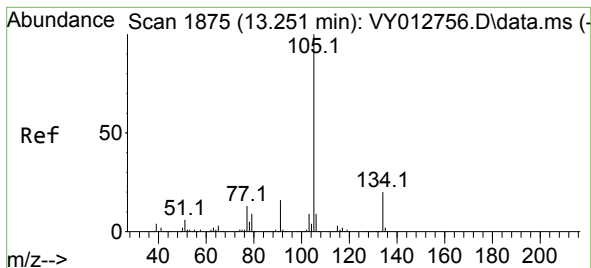
Tgt Ion:105 Resp: 87831

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.240 ug/l

RT: 13.251 min Scan# 117412

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

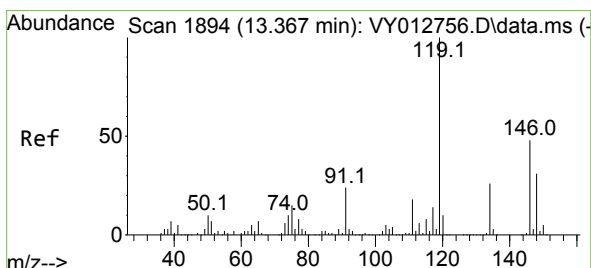
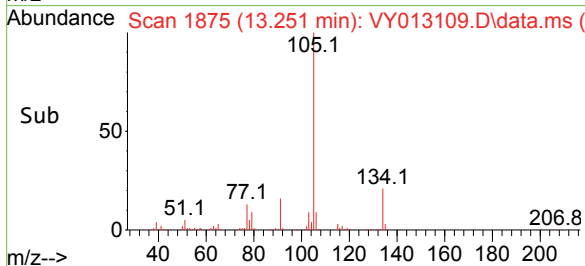
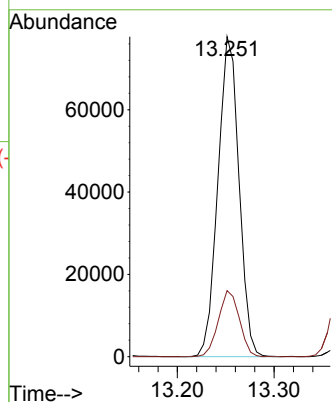
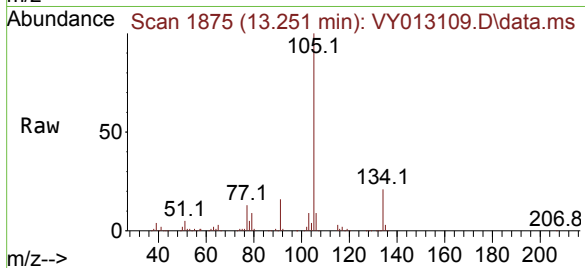
VY0328SBS01

Tgt Ion:105 Resp: 117412

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.334 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

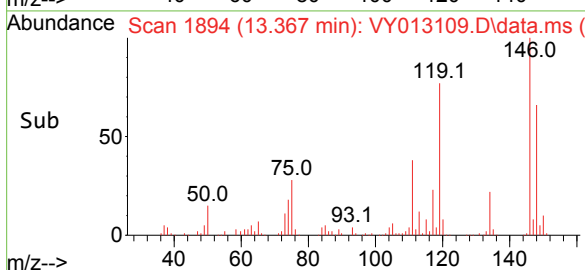
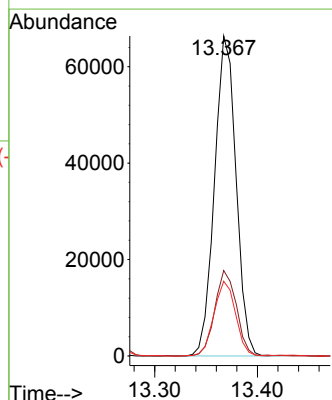
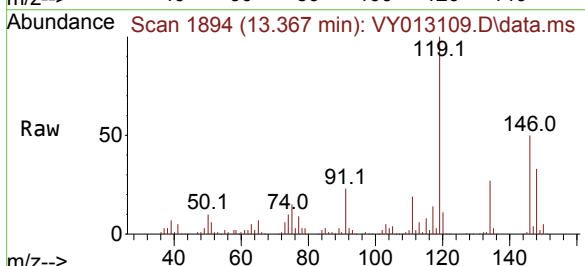
Tgt Ion:119 Resp: 96405

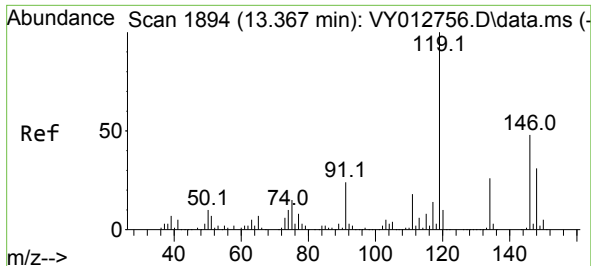
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.754 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

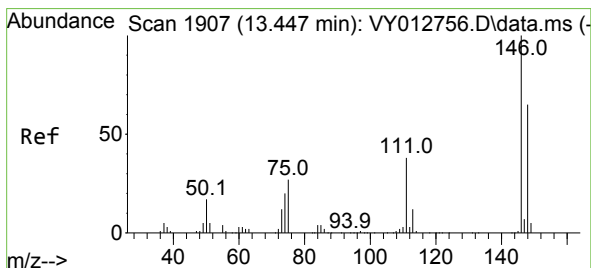
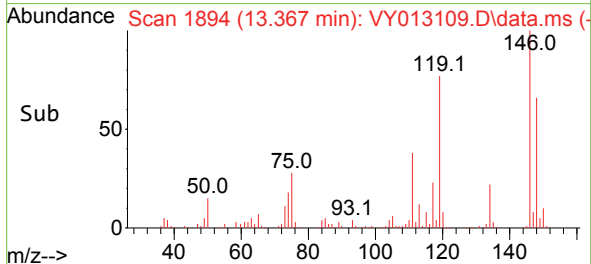
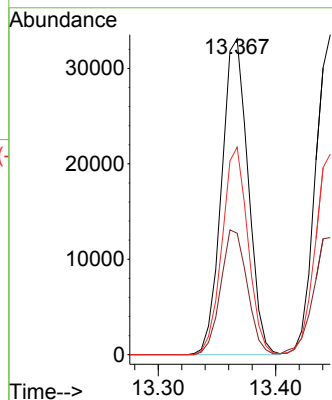
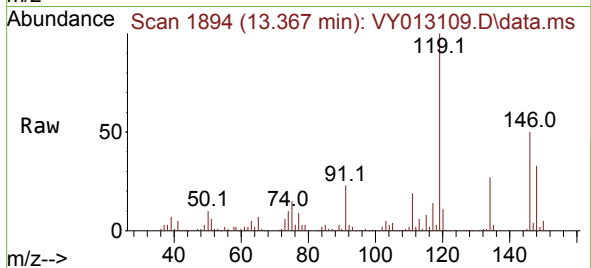
Tgt Ion:146 Resp: 51910

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.467 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

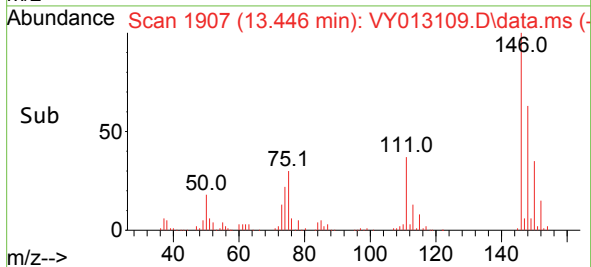
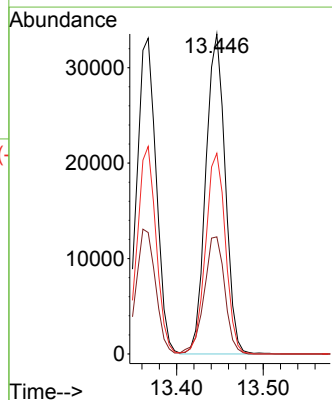
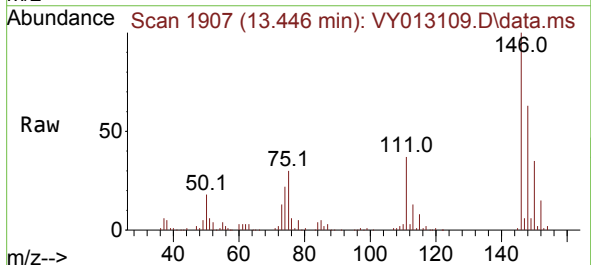
Tgt Ion:146 Resp: 52248

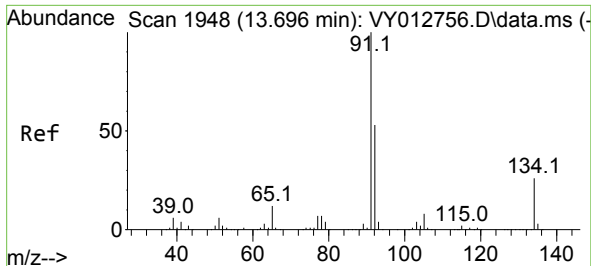
Ion Ratio Lower Upper

146 100

111 38.8 18.6 55.8

148 63.9 31.5 94.5

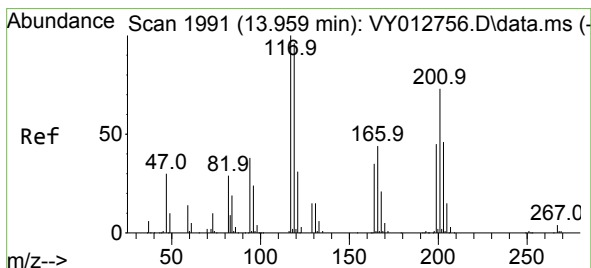
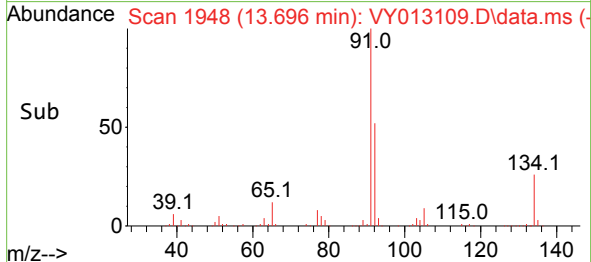
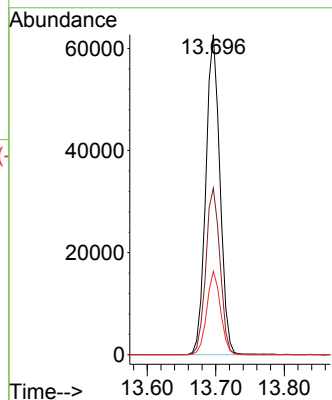
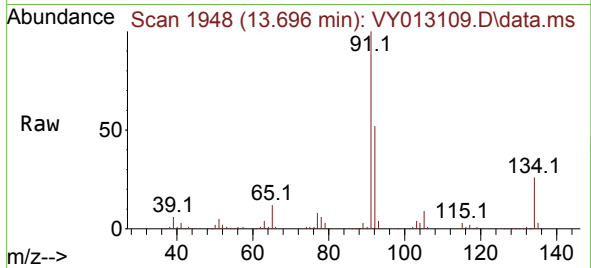




#89
n-Butylbenzene
Concen: 19.853 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

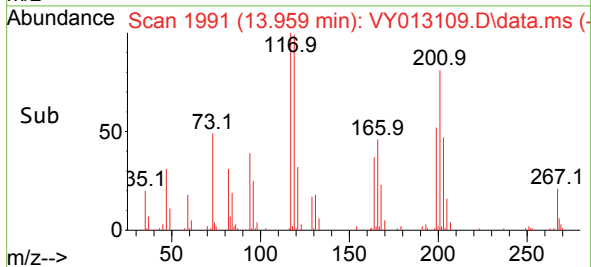
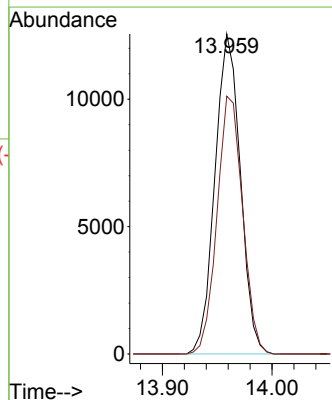
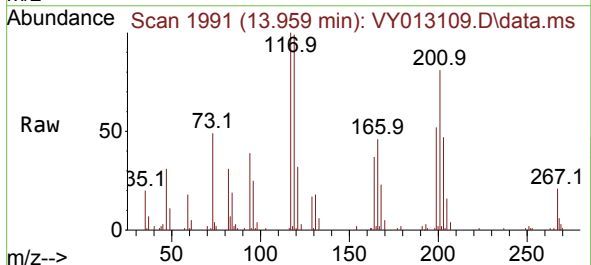
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

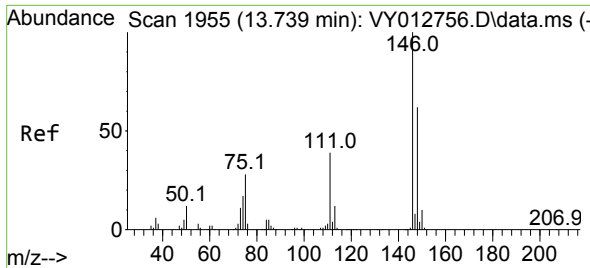
Tgt Ion: 91 Resp: 90107
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 20.503 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 117 Resp: 20246
Ion Ratio Lower Upper
117 100
201 81.1 39.4 118.1

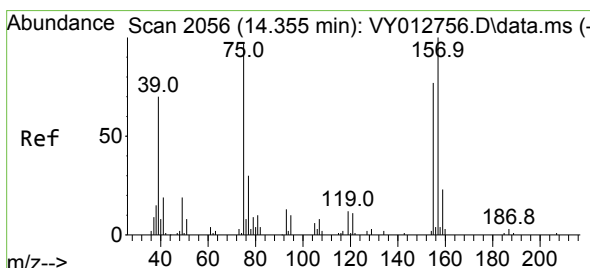
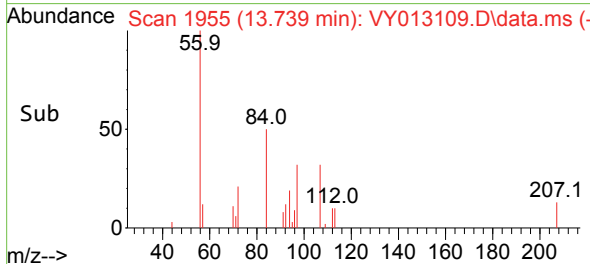
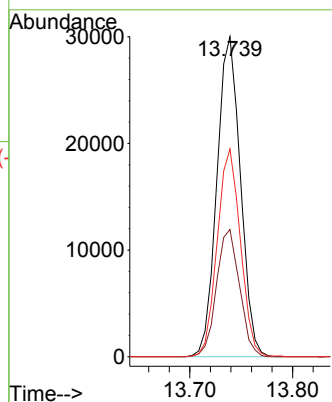
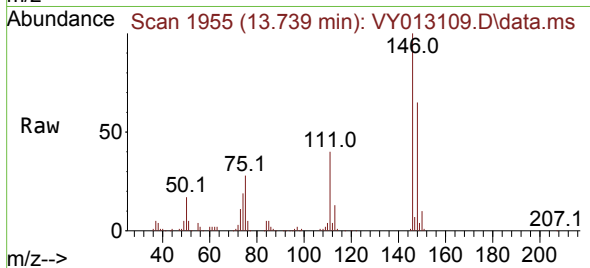




#91
1,2-Dichlorobenzene
Concen: 21.095 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

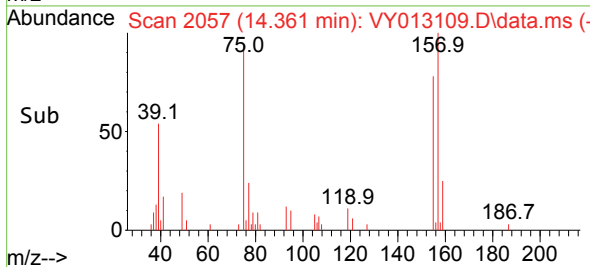
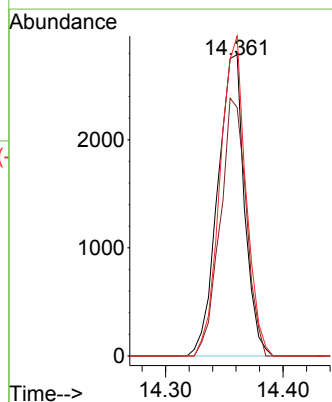
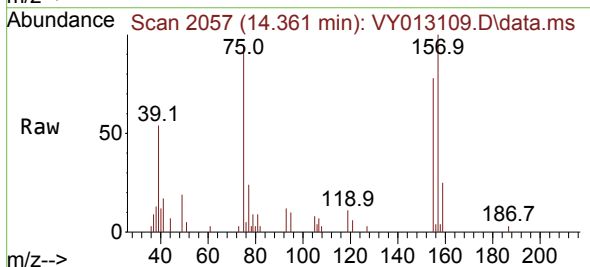
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

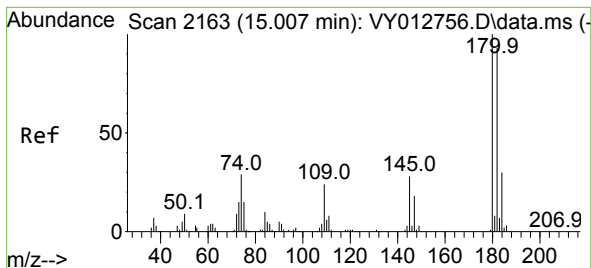
Tgt Ion:146 Resp: 47696
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.1
148 64.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.708 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013109.D
Acq: 28 Mar 2023 12:16

Tgt Ion: 75 Resp: 4404
Ion Ratio Lower Upper
75 100
155 83.5 43.8 131.4
157 102.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.943 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

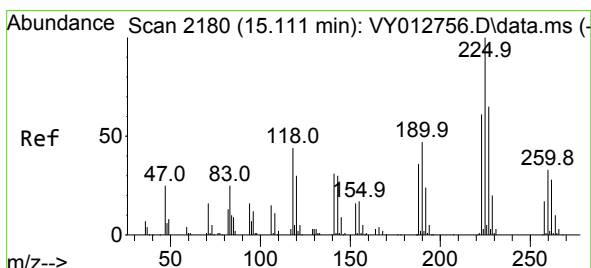
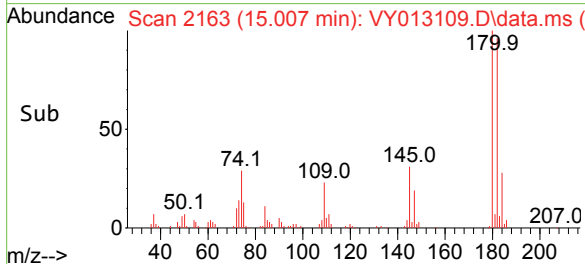
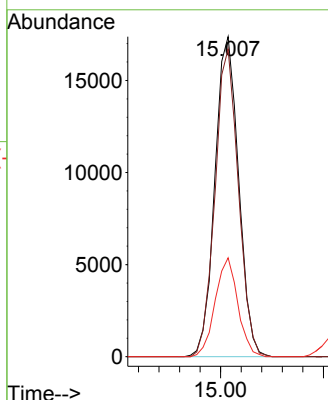
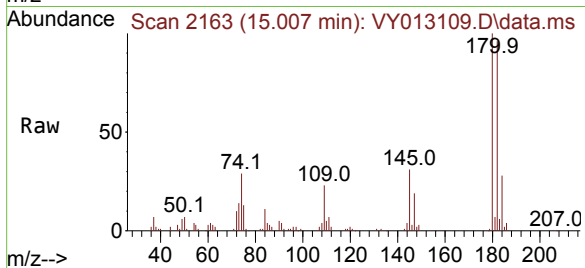
Tgt Ion:180 Resp: 27763

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.534 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

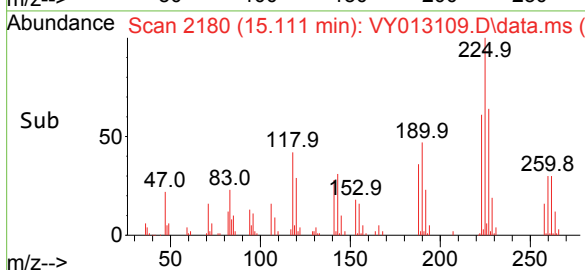
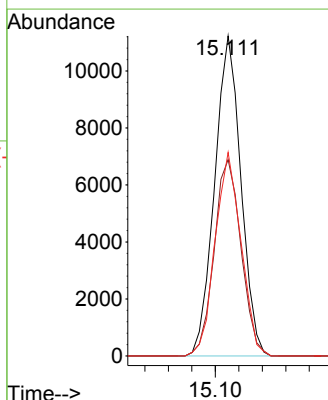
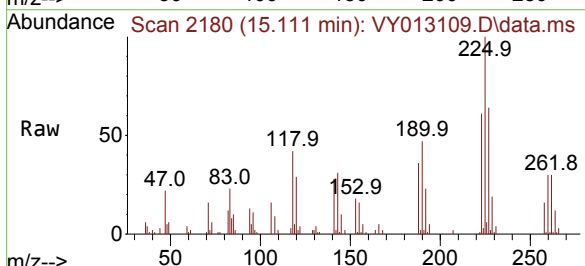
Tgt Ion:225 Resp: 17435

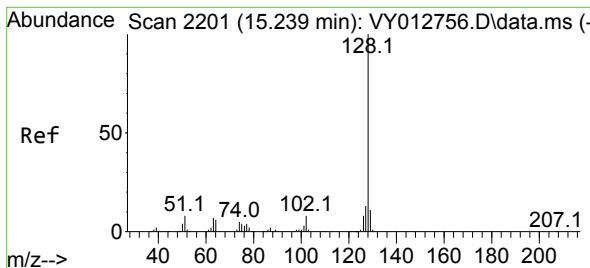
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 19.123 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

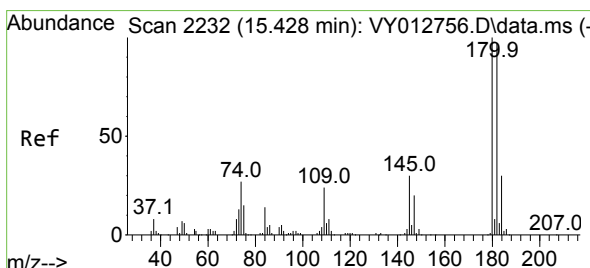
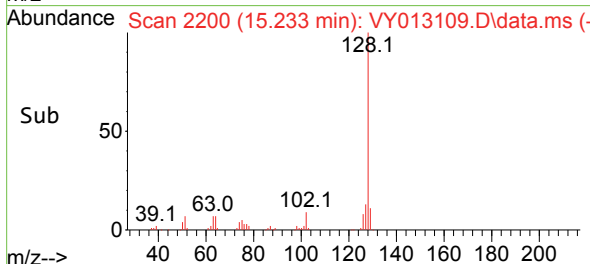
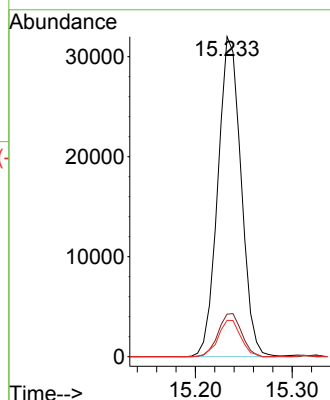
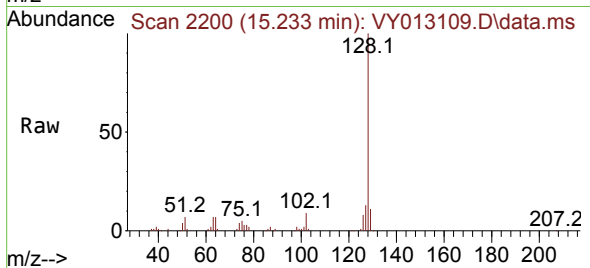
Tgt Ion:128 Resp: 53349

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.328 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013109.D

Acq: 28 Mar 2023 12:16

Tgt Ion:180 Resp: 25168

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 31.1 15.3 45.8

