

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013004.D
 Acq On : 20 Mar 2023 13:04
 Operator : KP/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Quant Time: Mar 21 01:11:28 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	104791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44317	42.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.180%
35) Dibromofluoromethane	7.715	113	43480	44.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.178	98	145312	40.594	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.180%
62) 4-Bromofluorobenzene	12.483	95	53727	44.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	20215	19.572	ug/l	93
3) Chloromethane	2.113	50	20805	16.849	ug/l	98
4) Vinyl Chloride	2.253	62	19758	17.449	ug/l	97
5) Bromomethane	2.643	94	13822	20.090	ug/l	98
6) Chloroethane	2.789	64	12701	18.730	ug/l	89
7) Trichlorofluoromethane	3.125	101	32424	17.241	ug/l	96
8) Diethyl Ether	3.527	74	13226	20.069	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	23420	20.699	ug/l	99
10) Methyl Iodide	4.088	142	28083	19.049	ug/l	100
11) Tert butyl alcohol	4.954	59	12719	93.696	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	21935	20.327	ug/l	97
13) Acrolein	3.728	56	13373	73.363	ug/l	99
14) Allyl chloride	4.478	41	40671	20.404	ug/l	99
15) Acrylonitrile	5.161	53	36461	105.001	ug/l	99
16) Acetone	3.942	43	40812	99.936	ug/l	99
17) Carbon Disulfide	4.192	76	66612	18.135	ug/l	99
18) Methyl Acetate	4.478	43	25519	20.984	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	58609	21.027	ug/l	98
20) Methylene Chloride	4.716	84	29417	20.428	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	23804	20.299	ug/l	97
22) Diisopropyl ether	6.118	45	79011	21.823	ug/l	98
23) Vinyl Acetate	6.057	43	237384	105.525	ug/l	100
24) 1,1-Dichloroethane	6.014	63	43449	21.061	ug/l	98
25) 2-Butanone	6.984	43	54234	107.221	ug/l	99
26) 2,2-Dichloropropane	6.978	77	37846	20.655	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	26634	21.184	ug/l	99
28) Bromochloromethane	7.331	49	16407	21.762	ug/l	98
29) Tetrahydrofuran	7.350	42	32813	107.560	ug/l	99
30) Chloroform	7.502	83	44746	21.958	ug/l	96
31) Cyclohexane	7.789	56	38033	19.087	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	39377	21.367	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33051	20.142	ug/l	99
37) Ethyl Acetate	7.069	43	21684	20.966	ug/l	99
38) Carbon Tetrachloride	7.898	117	36043	21.271	ug/l	98
39) Methylcyclohexane	9.185	83	37856	19.405	ug/l	94
40) Benzene	8.160	78	97553	21.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11315	20.306	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29733	21.307	ug/l	100
43) Isopropyl Acetate	8.270	43	38637	20.939	ug/l	99
44) Trichloroethene	8.941	130	25557	20.884	ug/l	99
45) 1,2-Dichloropropane	9.215	63	25358	21.617	ug/l	97
46) Dibromomethane	9.300	93	14430	21.592	ug/l	98
47) Bromodichloromethane	9.496	83	33988	21.582	ug/l	99
48) Methyl methacrylate	9.288	41	17720	20.842	ug/l	99
49) 1,4-Dioxane	9.300	88	3693	427.462	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	110214	110.115	ug/l	100
52) Toluene	10.245	92	60122	21.478	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	34641	20.971	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	40368	21.591	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20357	21.873	ug/l	97
56) Ethyl methacrylate	10.508	69	26304	21.196	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34058	21.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	70495	108.210	ug/l	99
59) 2-Hexanone	10.831	43	80617	110.824	ug/l	100
60) Dibromochloromethane	10.983	129	25351	22.377	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19632	21.898	ug/l	100
64) Tetrachloroethene	10.721	164	22110	20.900	ug/l	98
65) Chlorobenzene	11.513	112	64078	21.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	24784	21.964	ug/l	99
67) Ethyl Benzene	11.593	91	113404	21.152	ug/l	99
68) m/p-Xylenes	11.702	106	87954	42.644	ug/l	100
69) o-Xylene	12.032	106	39632	20.589	ug/l	99
70) Styrene	12.044	104	69433	21.615	ug/l	99
71) Bromoform	12.208	173	16116	21.905	ug/l #	98
73) Isopropylbenzene	12.330	105	108588	19.984	ug/l	99
74) N-amyl acetate	12.141	43	33198	19.418	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	25705	21.044	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	32252	35.226	ug/l #	100
77) Bromobenzene	12.611	156	26932	20.403	ug/l	99
78) n-propylbenzene	12.672	91	136408	20.362	ug/l	100
79) 2-Chlorotoluene	12.757	91	76465	20.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	92021	20.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8697	19.682	ug/l	98
82) 4-Chlorotoluene	12.855	91	79934	20.740	ug/l	97
83) tert-Butylbenzene	13.074	119	78137	20.188	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	88991	20.295	ug/l	99
85) sec-Butylbenzene	13.251	105	118840	20.127	ug/l	100
86) p-Isopropyltoluene	13.367	119	97789	20.264	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53739	21.108	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53735	20.680	ug/l	98
89) n-Butylbenzene	13.696	91	92421	20.005	ug/l	99
90) Hexachloroethane	13.958	117	20036	19.934	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	47880	20.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	4222	21.387	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	28085	19.820	ug/l	99
94) Hexachlorobutadiene	15.110	225	17503	20.252	ug/l	99
95) Naphthalene	15.238	128	54558	19.214	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	25713	20.403	ug/l	98

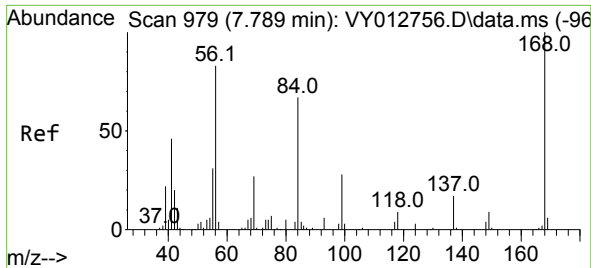
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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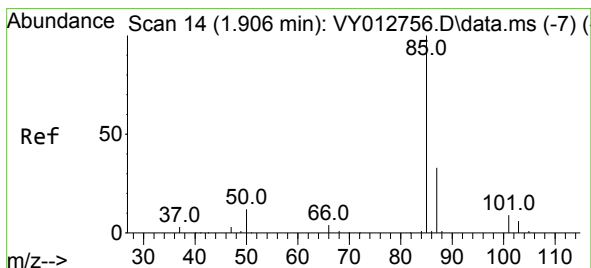
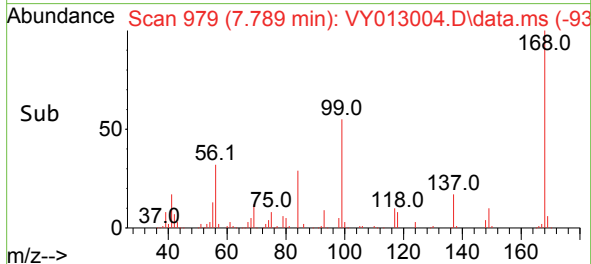
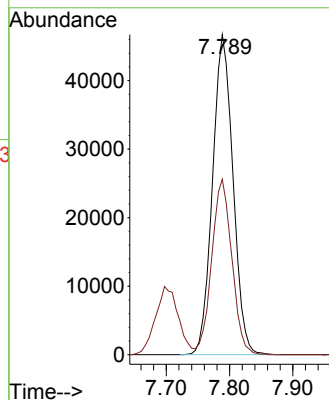
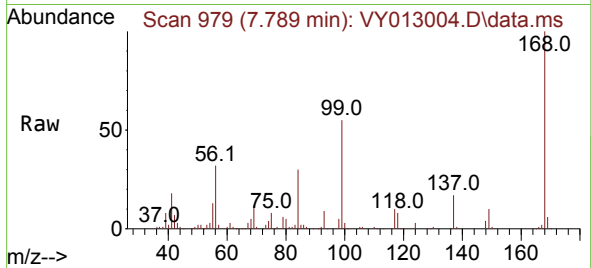
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

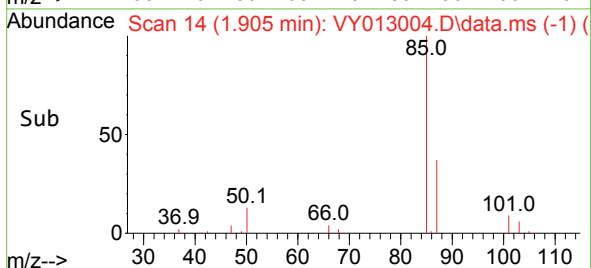
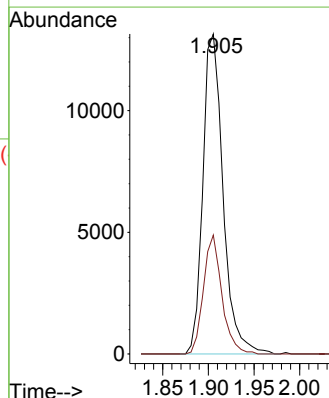
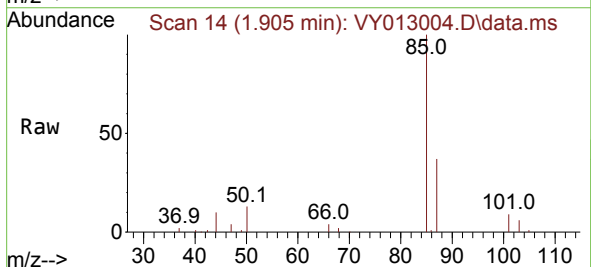
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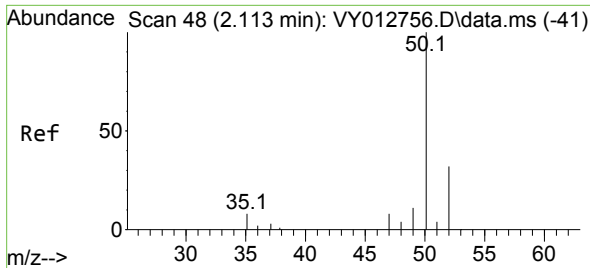
Tgt Ion:168 Resp: 104791
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.572 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 85 Resp: 20215
Ion Ratio Lower Upper
85 100
87 37.1 16.7 50.0

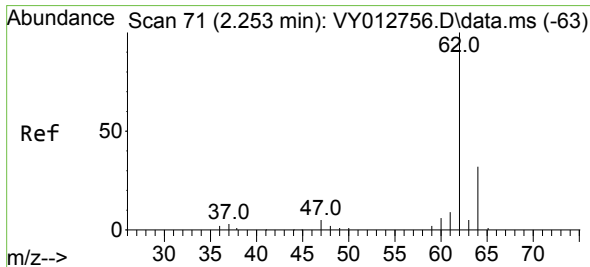
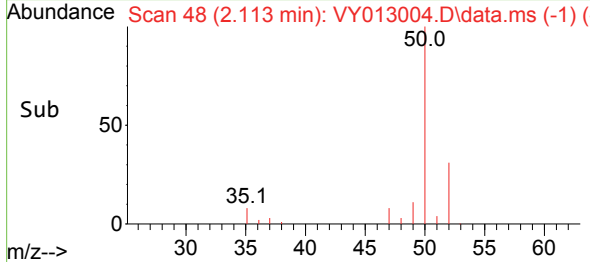
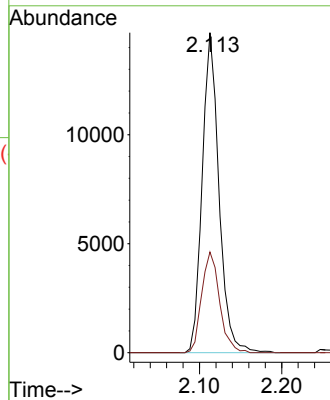
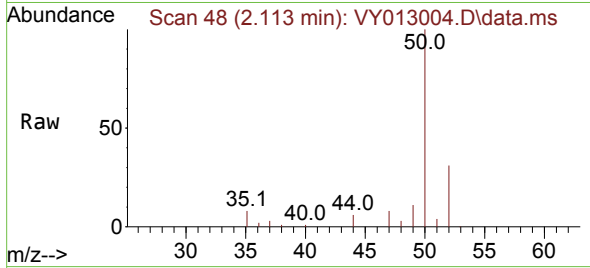




#3
Chloromethane
Concen: 16.849 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

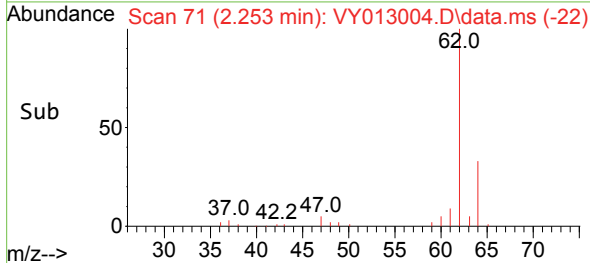
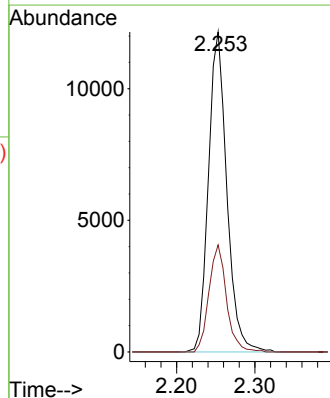
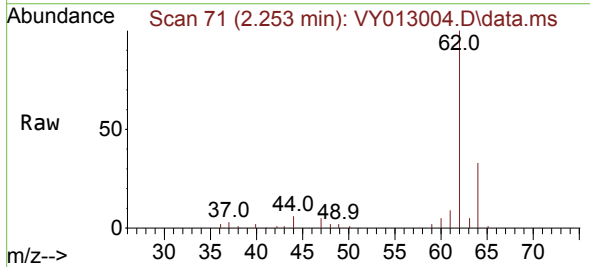
Instrument :
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ClientSampleId :
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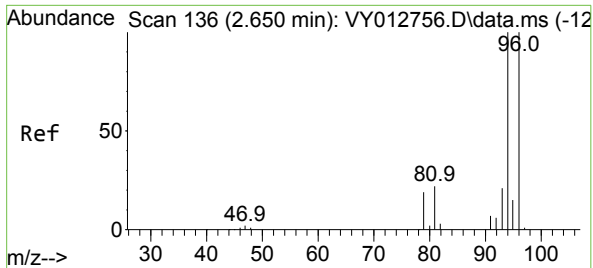
Tgt Ion: 50 Resp: 20805
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0



#4
Vinyl Chloride
Concen: 17.449 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 62 Resp: 19758
Ion Ratio Lower Upper
62 100
64 33.5 25.6 38.4





#5

Bromomethane

Concen: 20.090 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

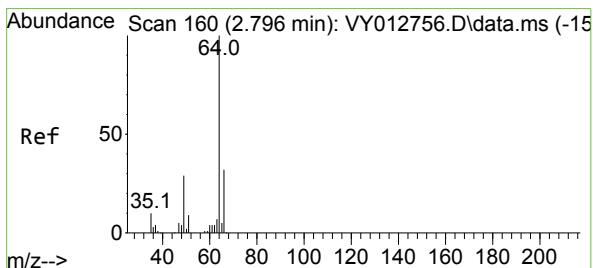
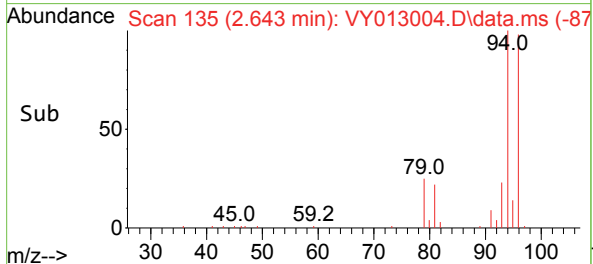
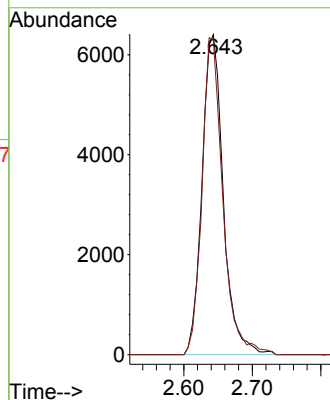
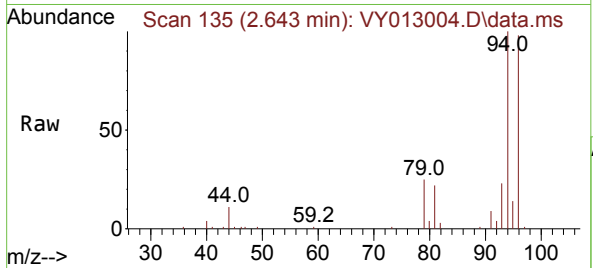
VY0320SBS01

Tgt Ion: 94 Resp: 13822

Ion Ratio Lower Upper

94 100

96 98.4 80.3 120.5



#6

Chloroethane

Concen: 18.730 ug/l

RT: 2.789 min Scan# 159

Delta R.T. -0.007 min

Lab File: VY013004.D

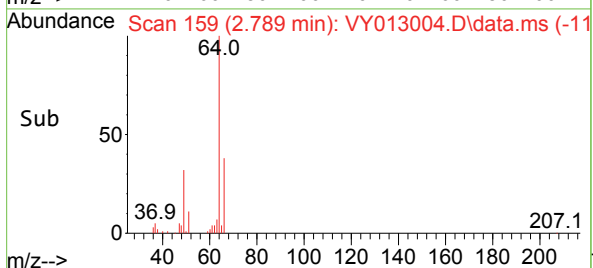
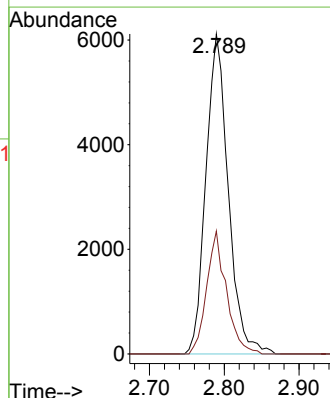
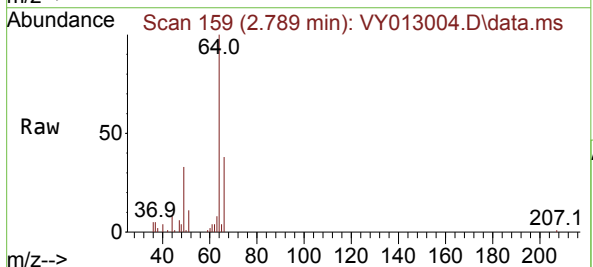
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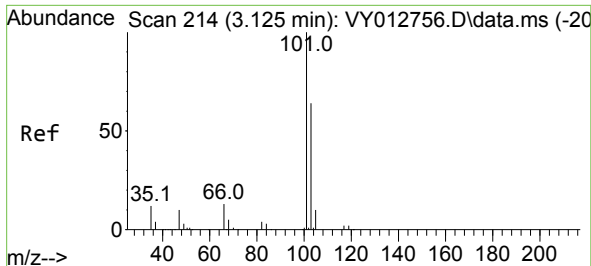
Tgt Ion: 64 Resp: 12701

Ion Ratio Lower Upper

64 100

66 38.4 25.7 38.5

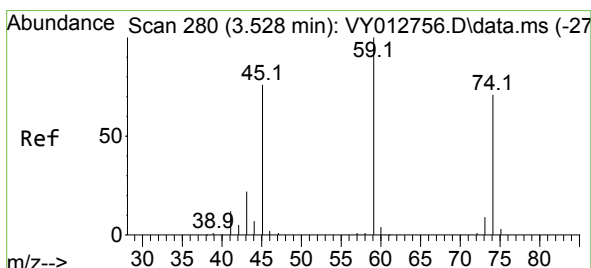
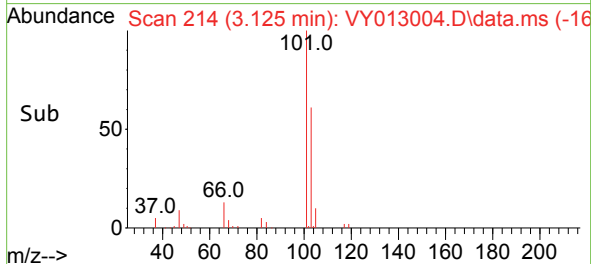
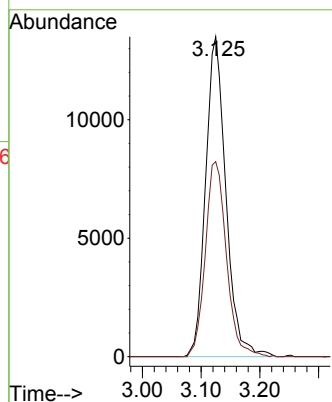
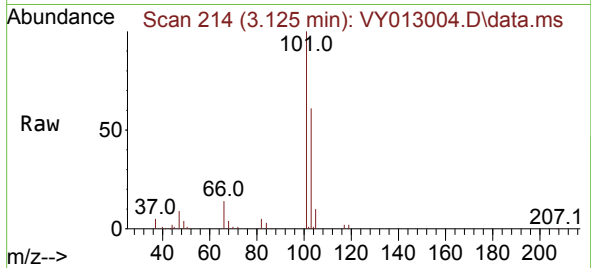




#7
Trichlorofluoromethane
Concen: 17.241 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

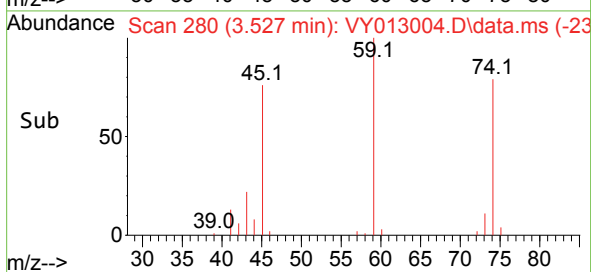
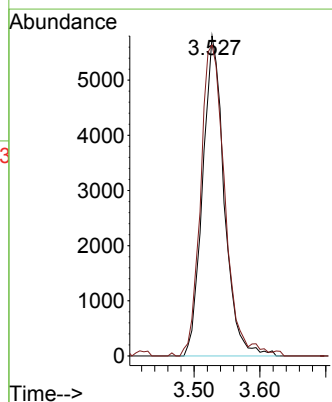
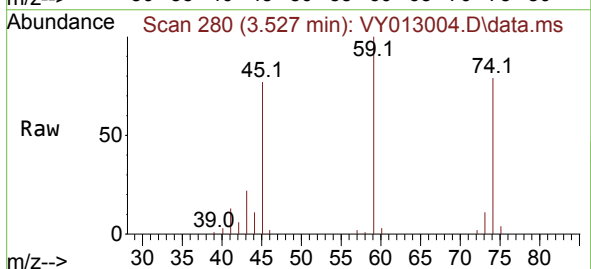
Instrument :
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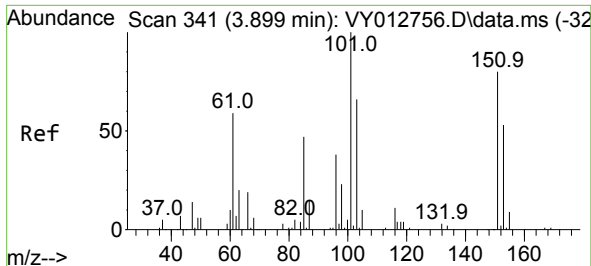
Tgt Ion:101 Resp: 32424
Ion Ratio Lower Upper
101 100
103 61.0 51.5 77.3



#8
Diethyl Ether
Concen: 20.069 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 74 Resp: 13226
Ion Ratio Lower Upper
74 100
45 109.6 52.1 156.4

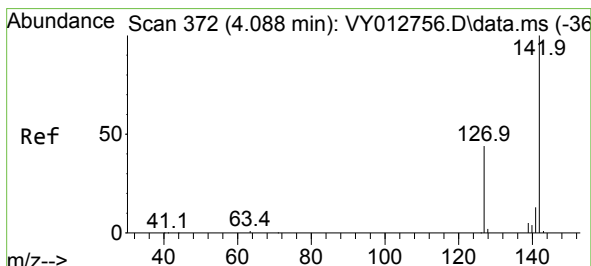
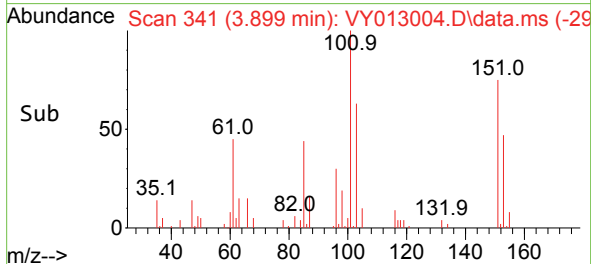
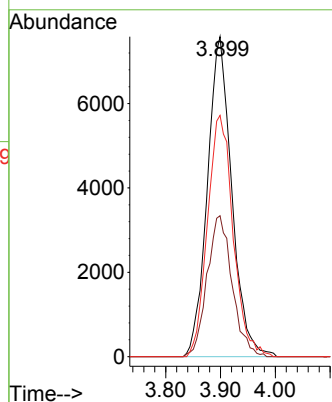
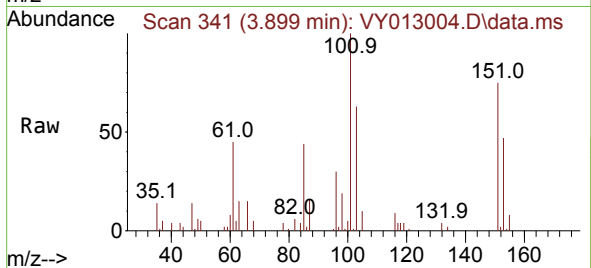




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.699 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY013004.D
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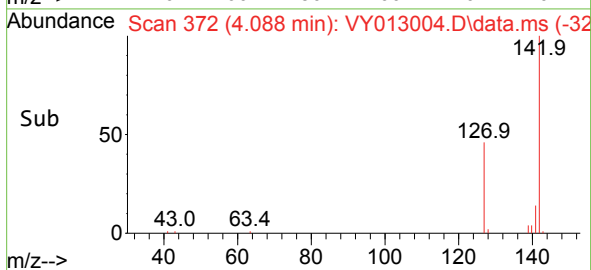
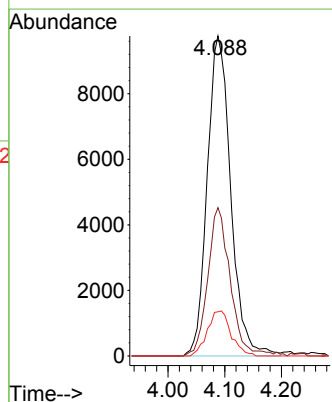
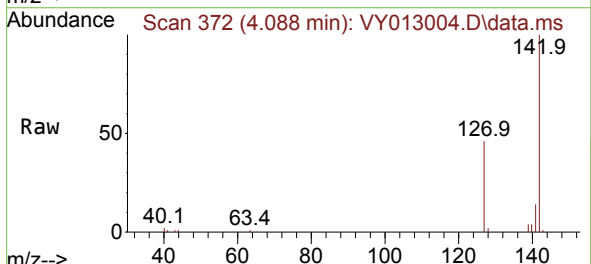
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

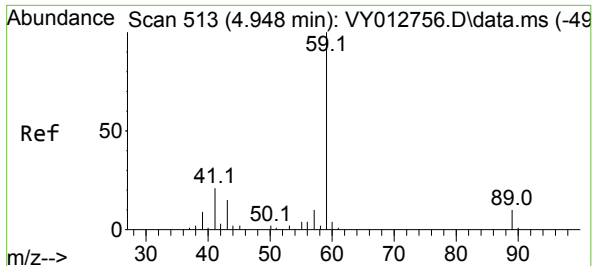
Tgt Ion:101 Resp: 23420
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 79.2 63.1 94.7



#10
Methyl Iodide
Concen: 19.049 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:142 Resp: 28083
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.2
141 14.2 11.3 16.9

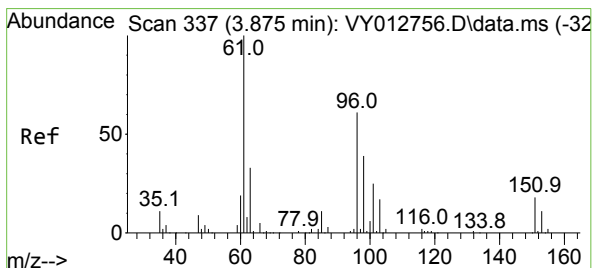
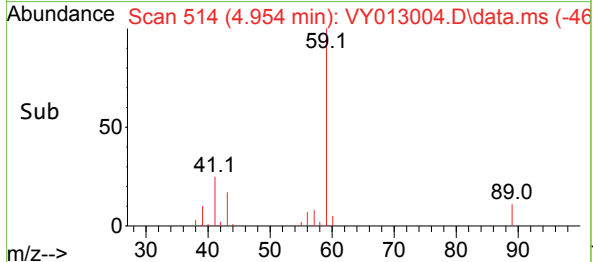
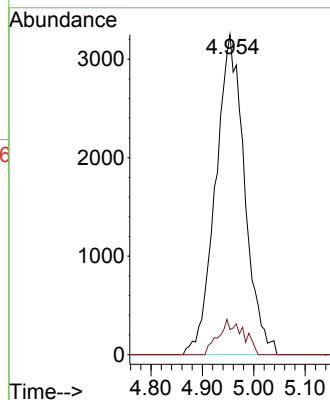
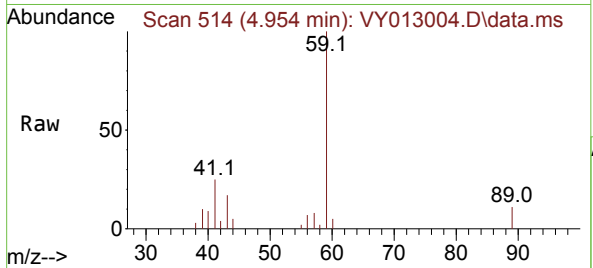




#11
Tert butyl alcohol
Concen: 93.696 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

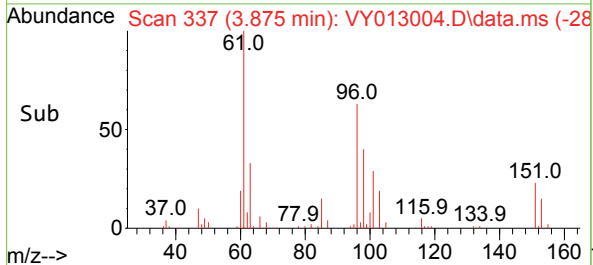
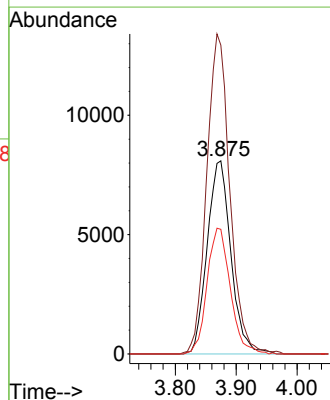
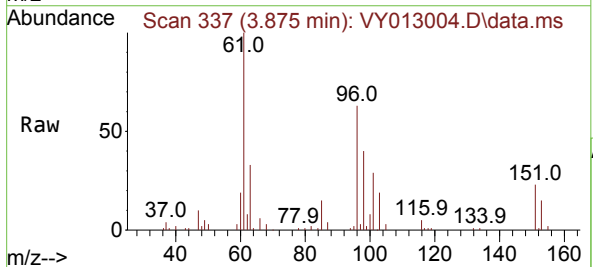
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

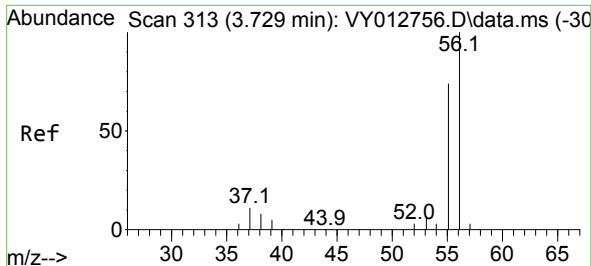
Tgt Ion: 59 Resp: 12719
Ion Ratio Lower Upper
59 100
57 5.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.327 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 96 Resp: 21935
Ion Ratio Lower Upper
96 100
61 159.9 131.7 197.5
98 64.5 52.0 78.0





#13

Acrolein

Concen: 73.363 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

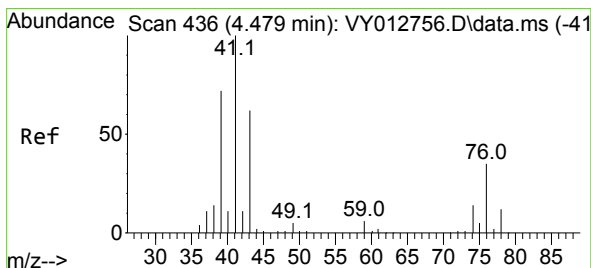
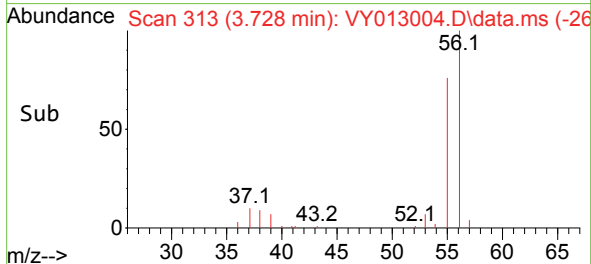
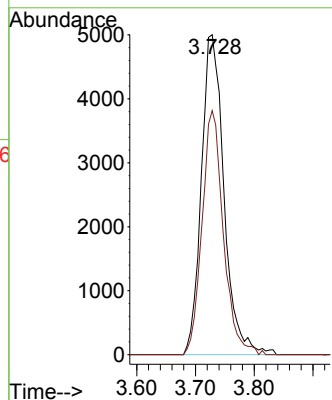
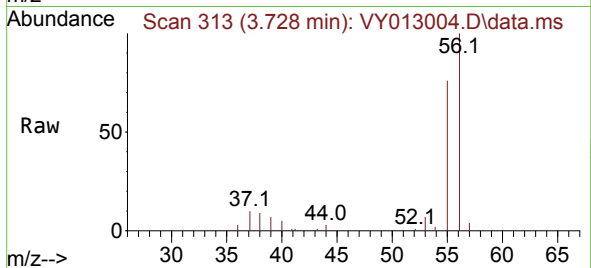
VY0320SBS01

Tgt Ion: 56 Resp: 13373

Ion Ratio Lower Upper

56 100

55 71.9 56.8 85.2



#14

Allyl chloride

Concen: 20.404 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

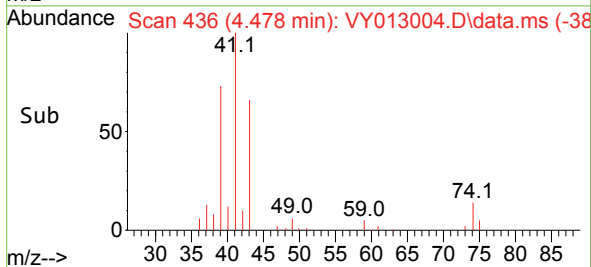
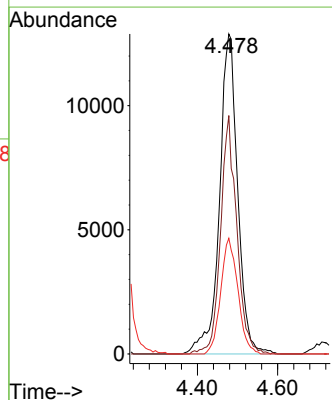
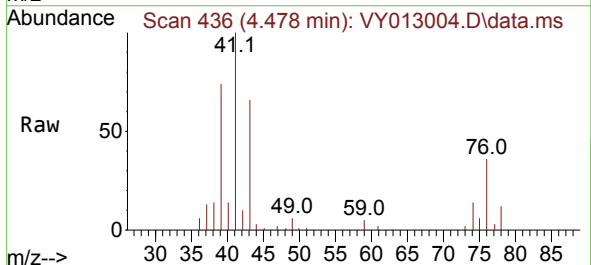
Tgt Ion: 41 Resp: 40671

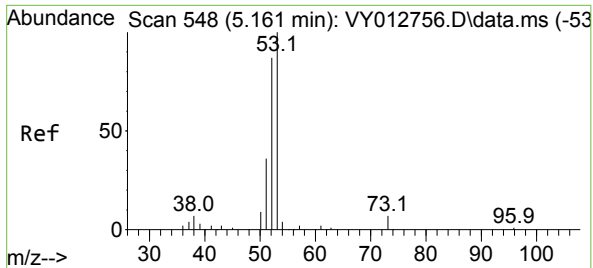
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 34.1 27.2 40.8

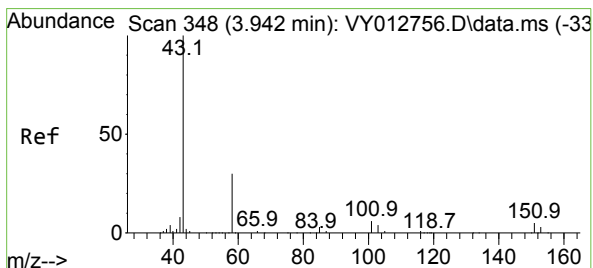
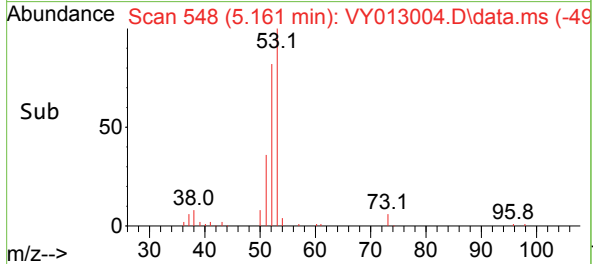
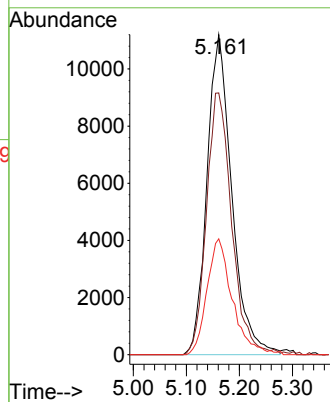
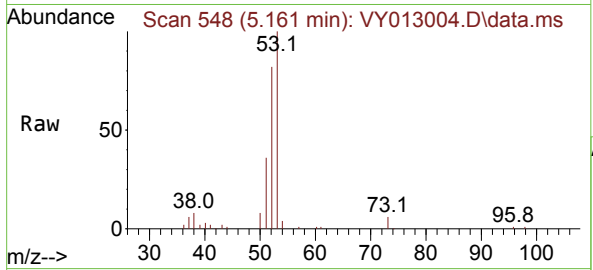




#15
Acrylonitrile
Concen: 105.001 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

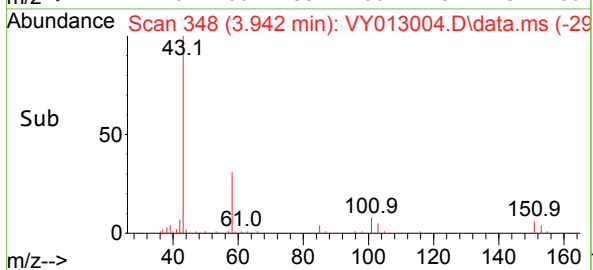
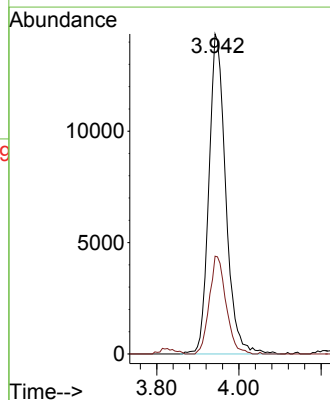
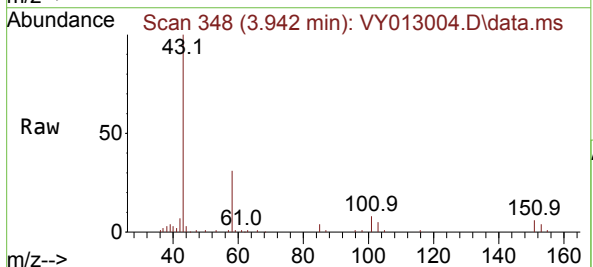
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

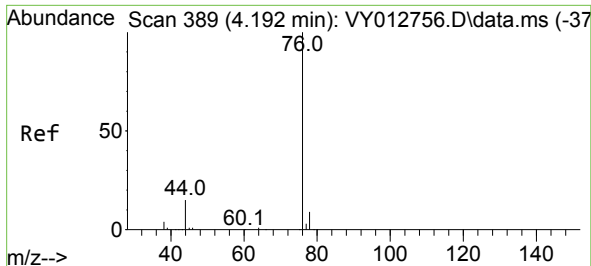
Tgt Ion: 53 Resp: 36461
Ion Ratio Lower Upper
53 100
52 83.2 66.3 99.5
51 37.1 28.8 43.2



#16
Acetone
Concen: 99.936 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 43 Resp: 40812
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2

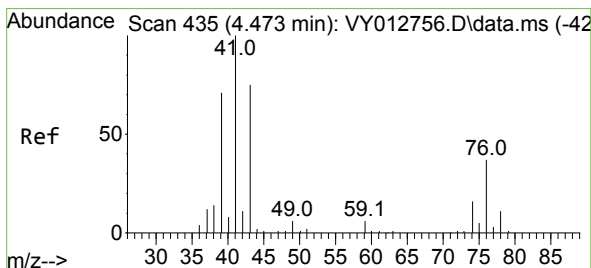
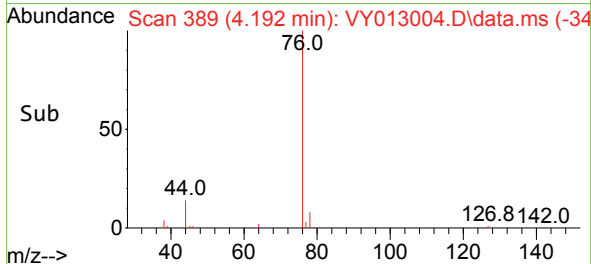
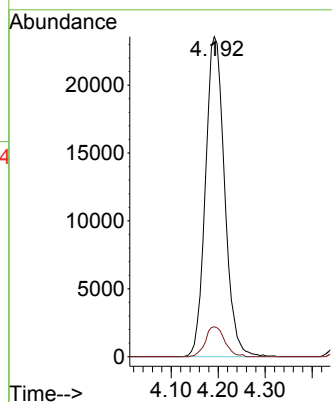
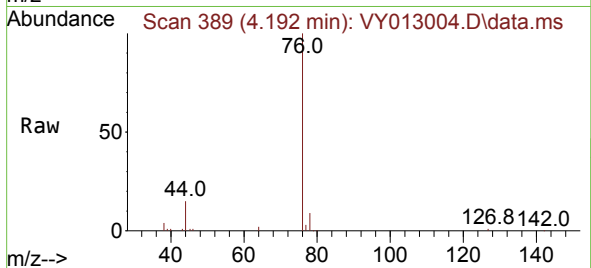




#17
Carbon Disulfide
Concen: 18.135 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

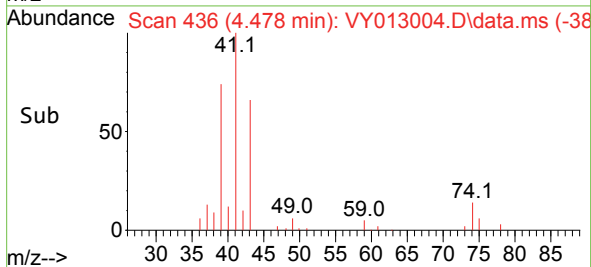
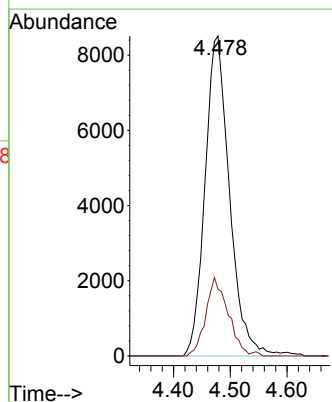
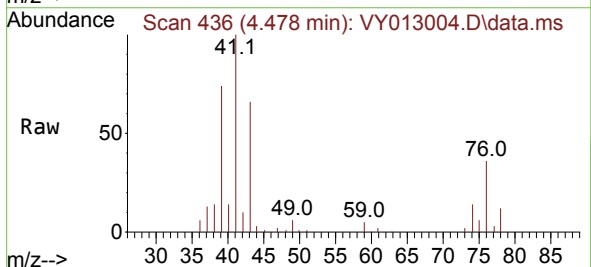
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

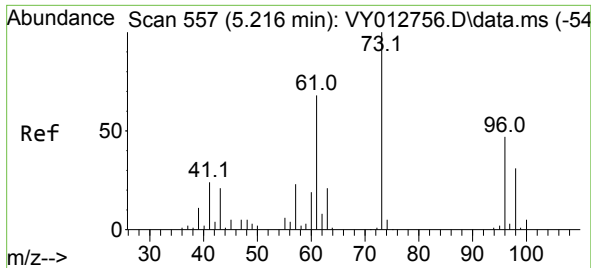
Tgt Ion: 76 Resp: 66612
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 20.984 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 43 Resp: 25519
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

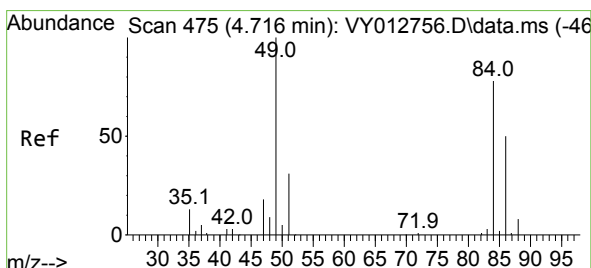
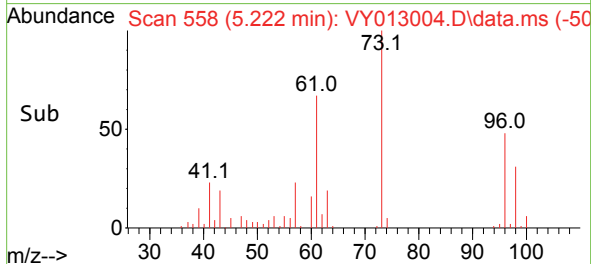
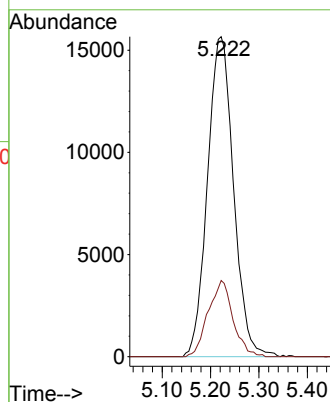
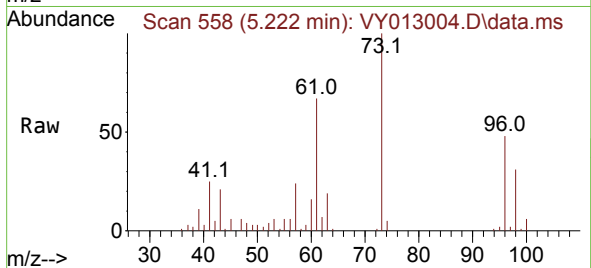




#19
Methyl tert-butyl Ether
Concen: 21.027 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

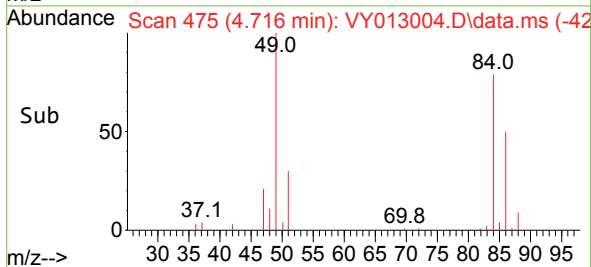
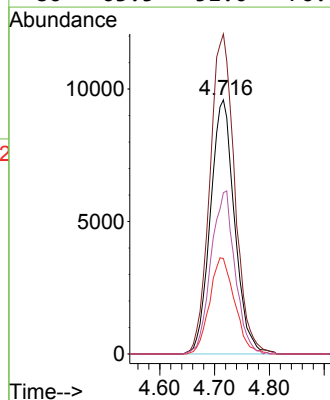
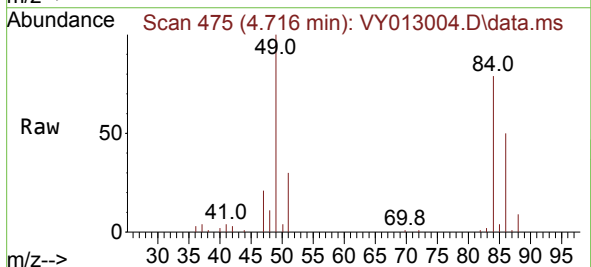
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

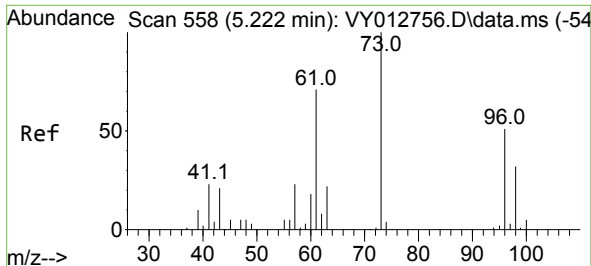
Tgt Ion: 73 Resp: 58609
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#20
Methylene Chloride
Concen: 20.428 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 84 Resp: 29417
Ion Ratio Lower Upper
84 100
49 126.0 102.6 154.0
51 37.5 31.9 47.9
86 63.5 51.0 76.6

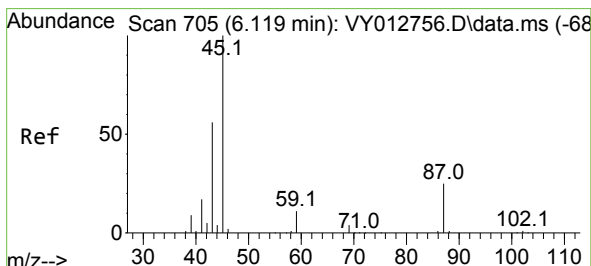
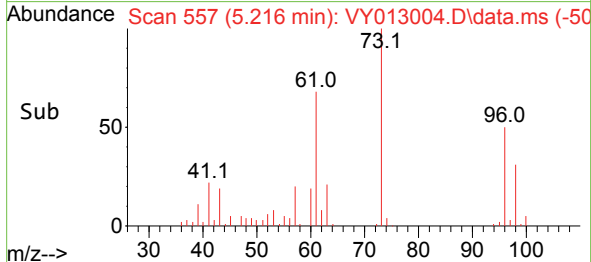
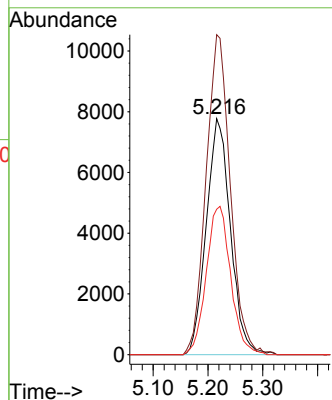
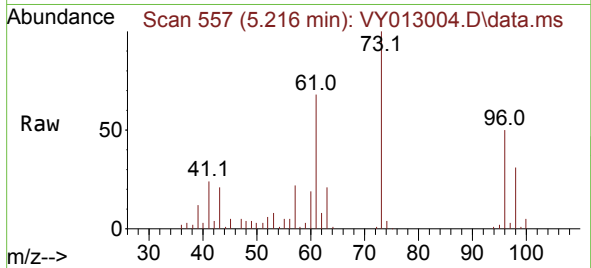




#21
trans-1,2-Dichloroethene
Concen: 20.299 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

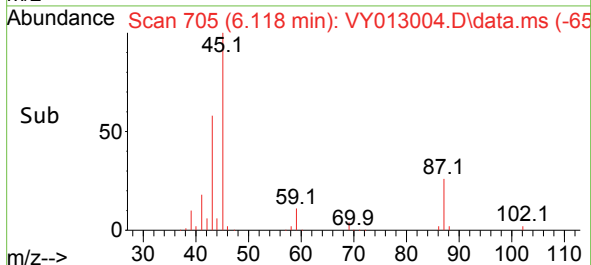
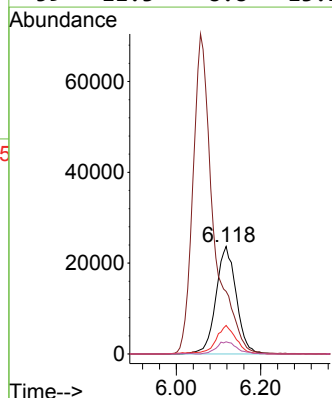
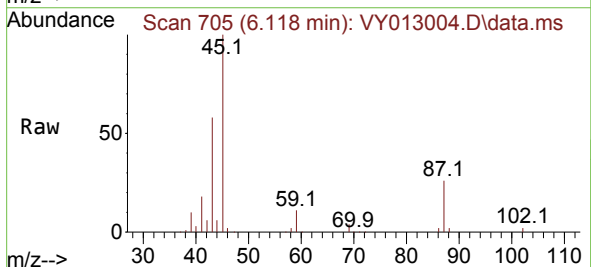
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

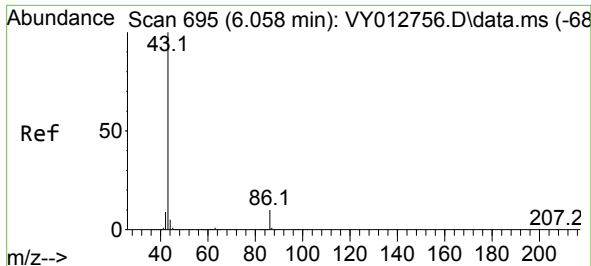
Tgt Ion: 96 Resp: 23804
Ion Ratio Lower Upper
96 100
61 135.6 111.4 167.0
98 61.6 50.8 76.2



#22
Diisopropyl ether
Concen: 21.823 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 45 Resp: 79011
Ion Ratio Lower Upper
45 100
43 57.4 45.0 67.6
87 26.5 20.3 30.5
59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 105.525 ug/l

RT: 6.057 min Scan# 695

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

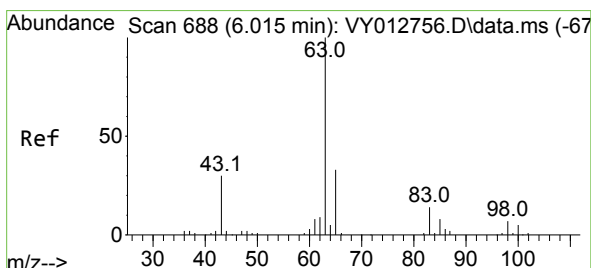
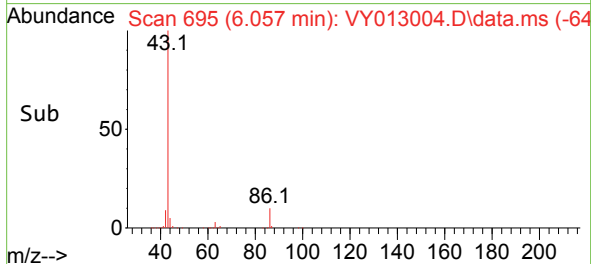
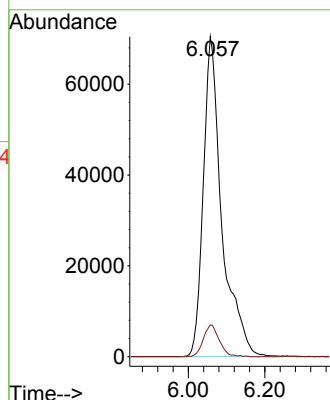
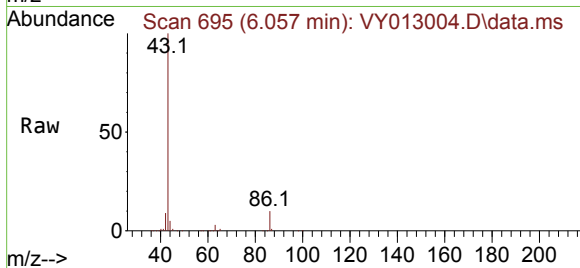
VY0320SBS01

Tgt Ion: 43 Resp: 237384

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 21.061 ug/l

RT: 6.014 min Scan# 688

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

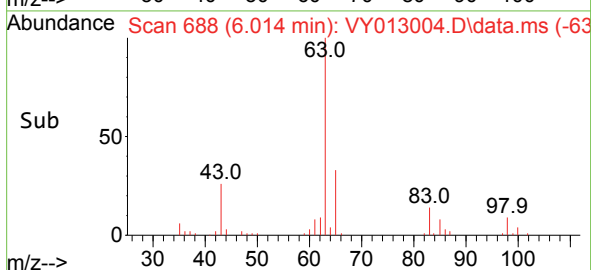
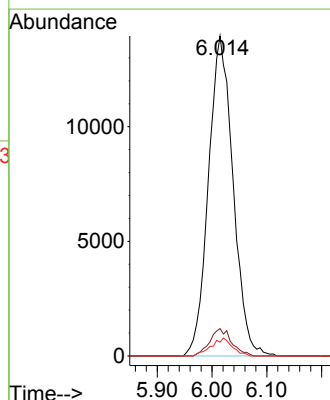
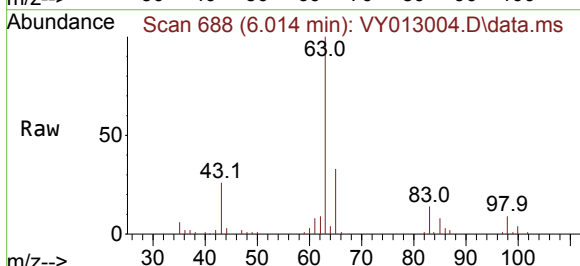
Tgt Ion: 63 Resp: 43449

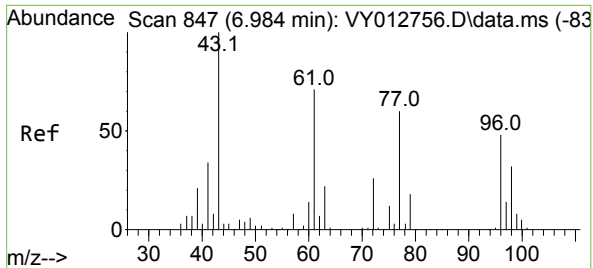
Ion Ratio Lower Upper

63 100

98 8.5 3.7 11.1

100 4.3 2.3 6.8

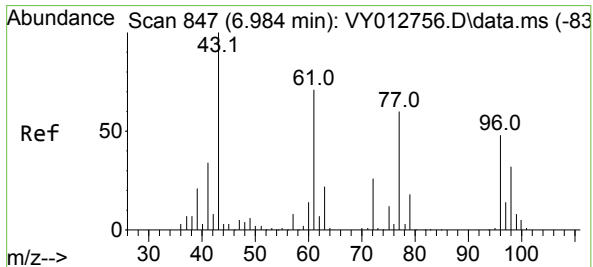
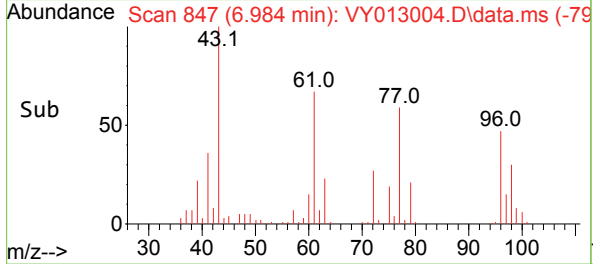
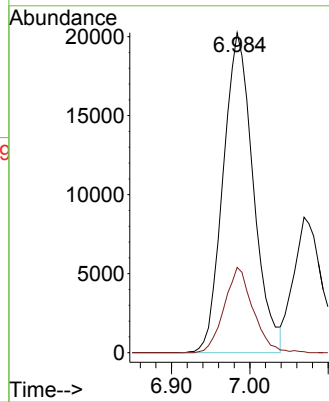
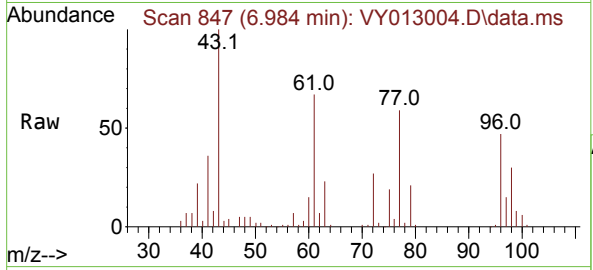




#25
2-Butanone
Concen: 107.221 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

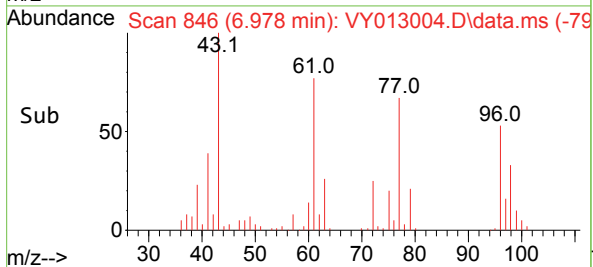
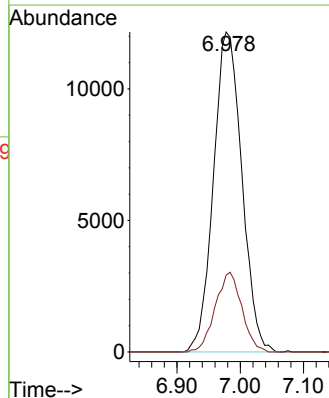
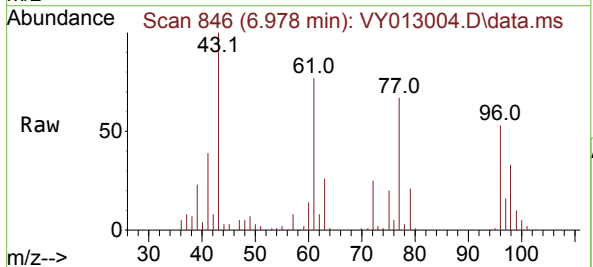
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

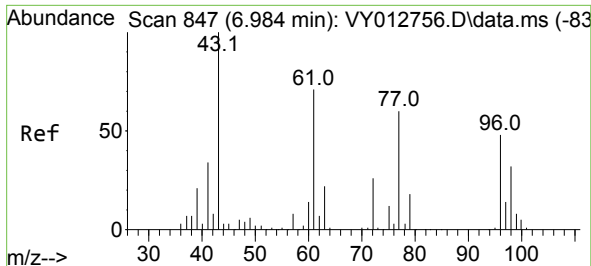
Tgt Ion: 43 Resp: 54234
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.4



#26
2,2-Dichloropropane
Concen: 20.655 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 77 Resp: 37846
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.184 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

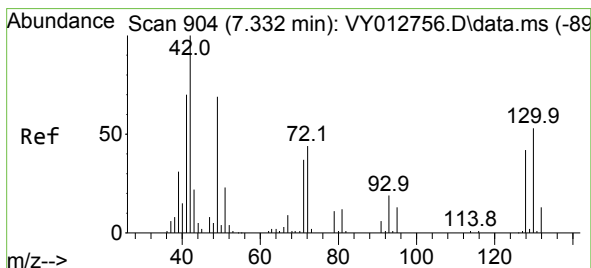
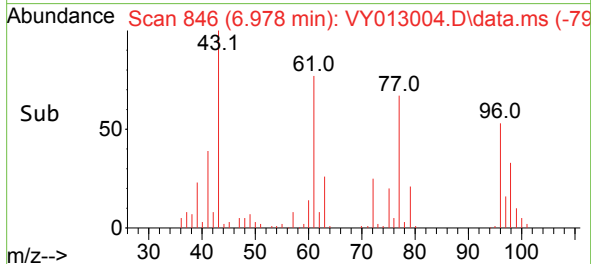
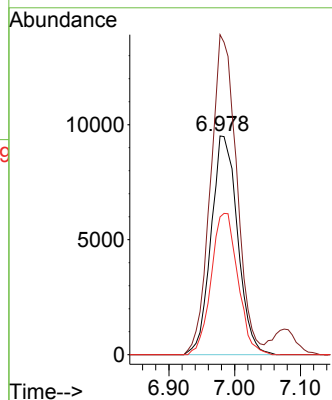
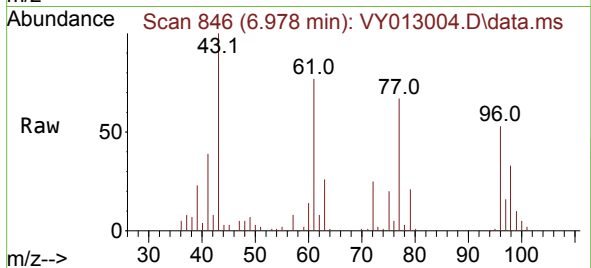
Tgt Ion: 96 Resp: 26634

Ion Ratio Lower Upper

96 100

61 145.2 0.0 295.8

98 65.1 0.0 130.2



#28

Bromochloromethane

Concen: 21.762 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

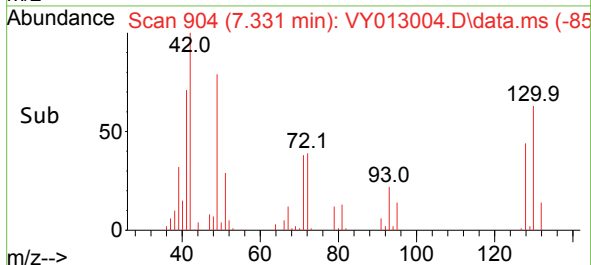
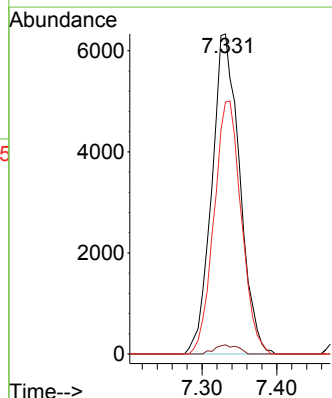
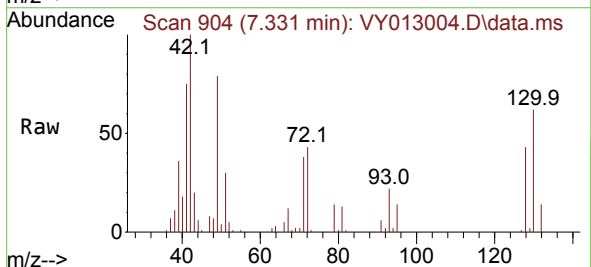
Tgt Ion: 49 Resp: 16407

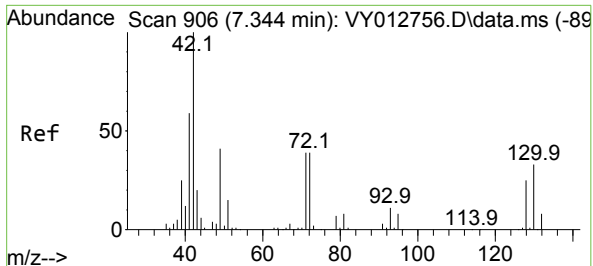
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 77.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 107.560 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

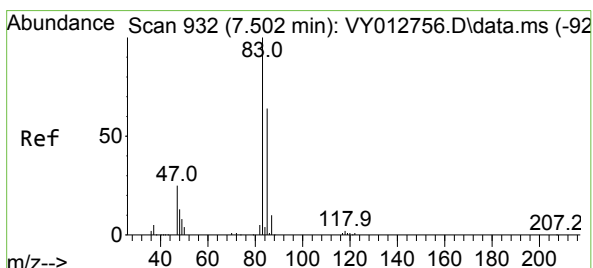
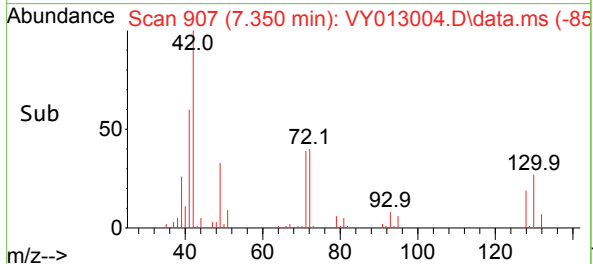
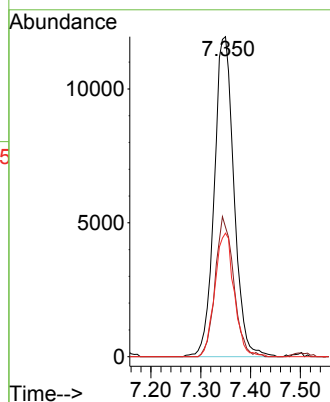
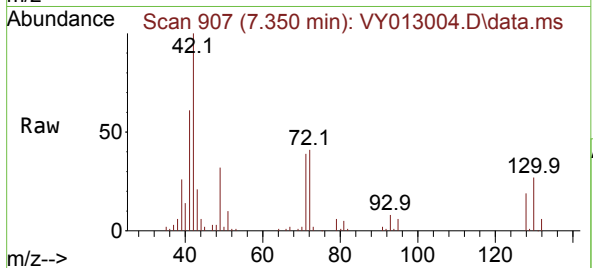
Tgt Ion: 42 Resp: 32813

Ion Ratio Lower Upper

42 100

72 41.0 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 21.958 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013004.D

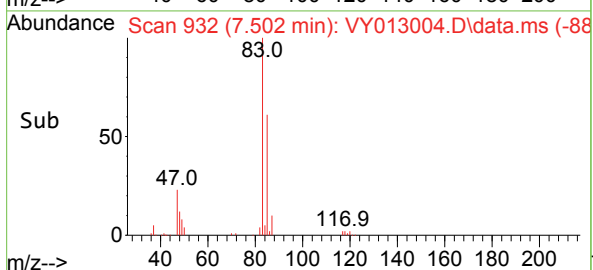
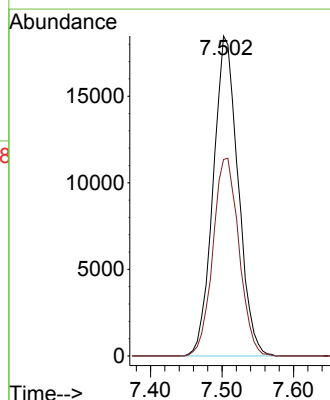
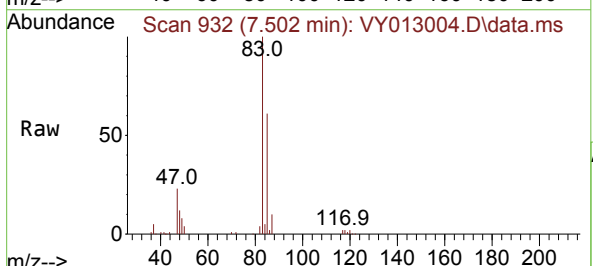
Acq: 20 Mar 2023 13:04

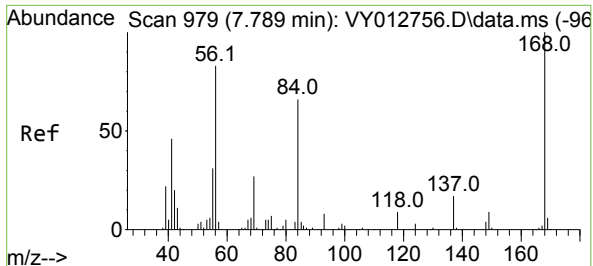
Tgt Ion: 83 Resp: 44746

Ion Ratio Lower Upper

83 100

85 61.4 51.4 77.0





#31

Cyclohexane

Concen: 19.087 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

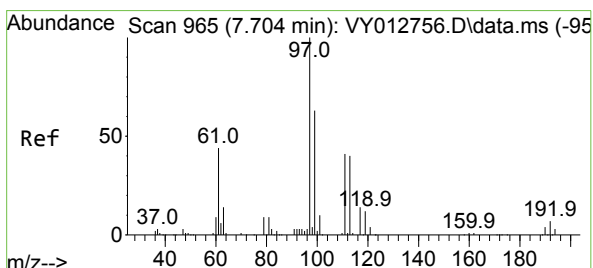
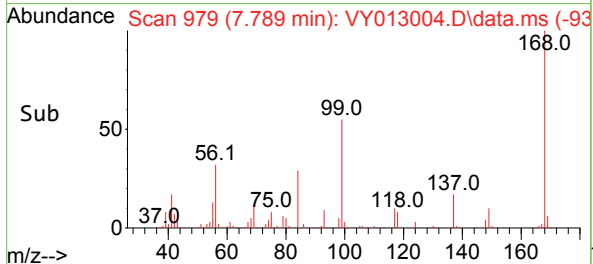
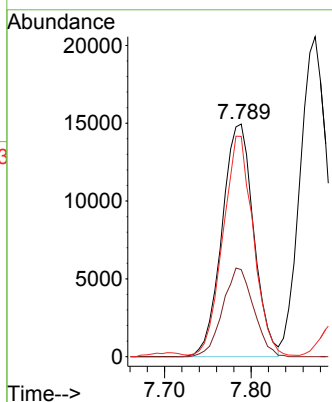
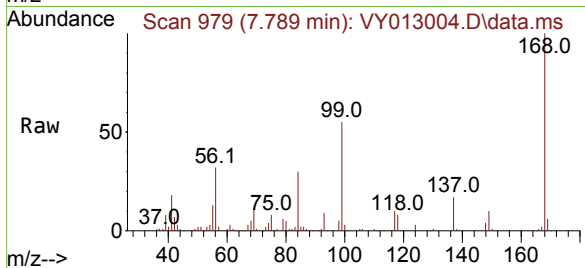
Tgt Ion: 56 Resp: 38033

Ion Ratio Lower Upper

56 100

69 37.4 25.7 38.5

84 93.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 21.367 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

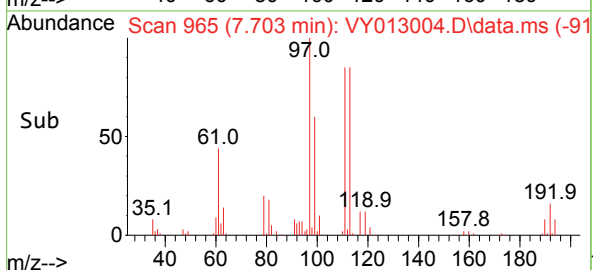
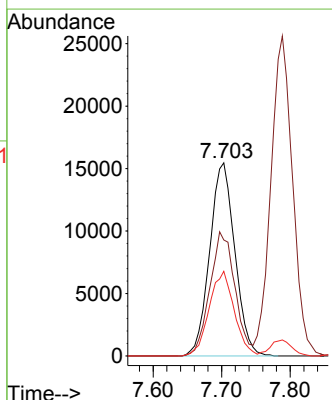
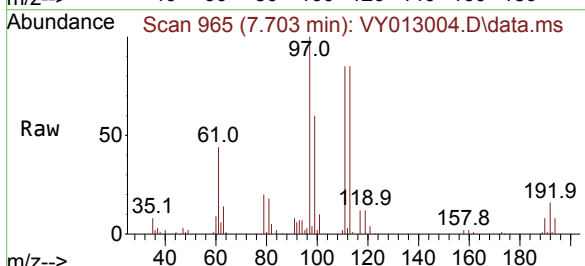
Tgt Ion: 97 Resp: 39377

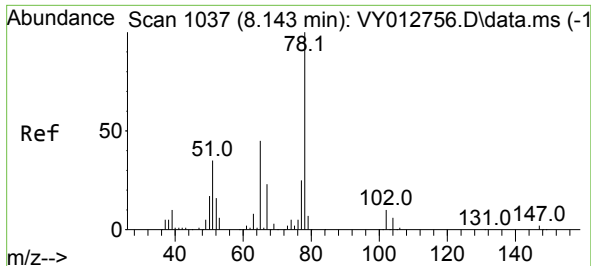
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.595 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

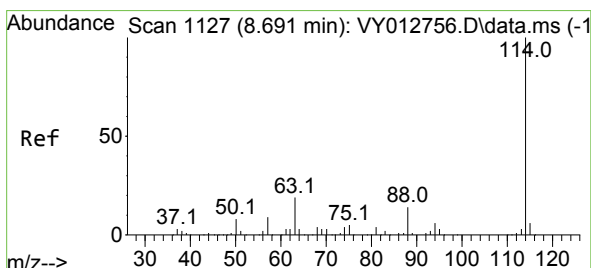
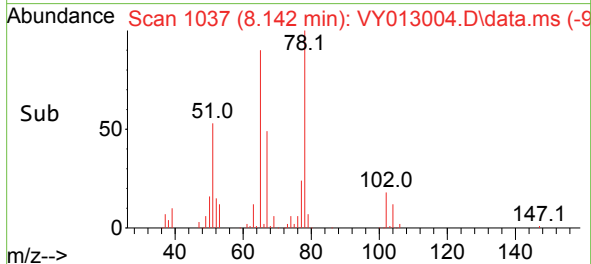
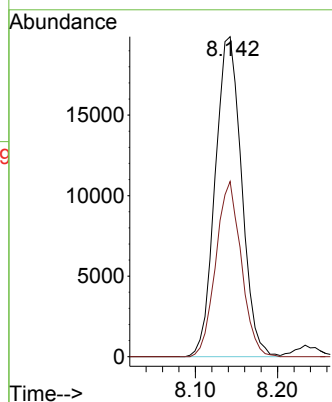
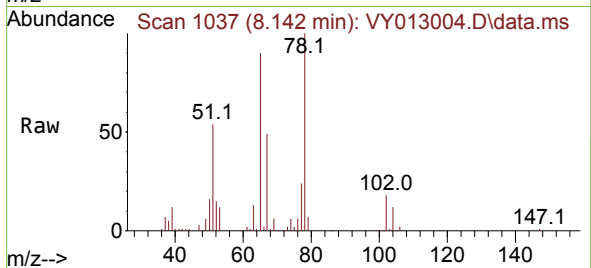
VY0320SBS01

Tgt Ion: 65 Resp: 44317

Ion Ratio Lower Upper

65 100

67 52.7 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: VY013004.D

Acq: 20 Mar 2023 13:04

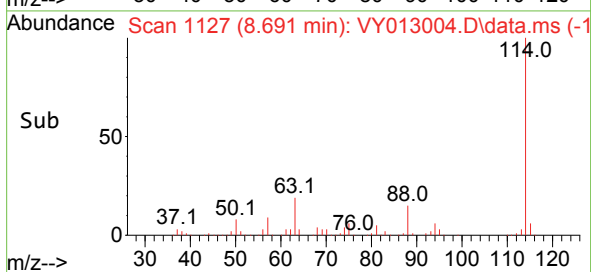
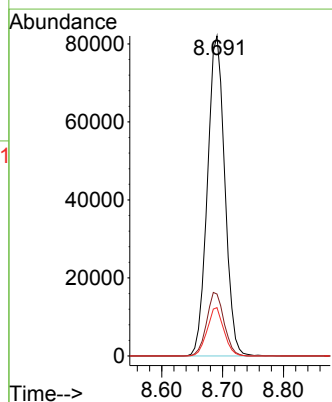
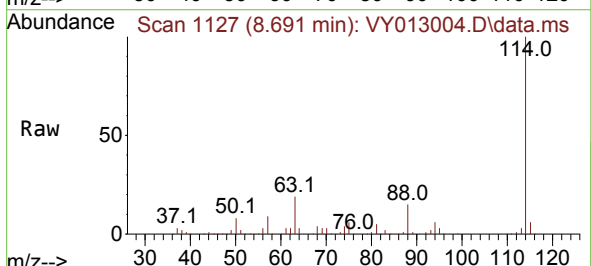
Tgt Ion:114 Resp: 162250

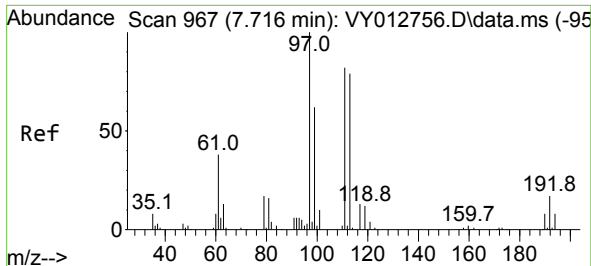
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.1 0.0 28.6

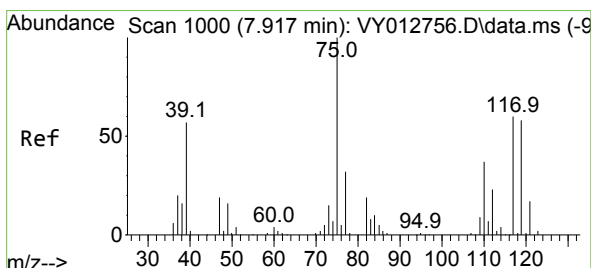
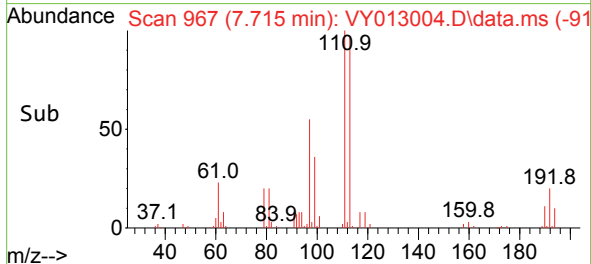
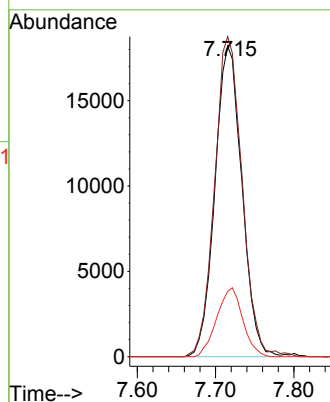
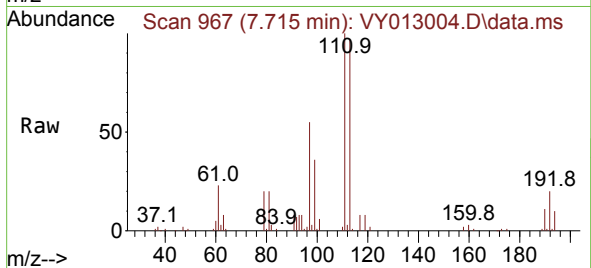




#35
Dibromofluoromethane
Concen: 44.405 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

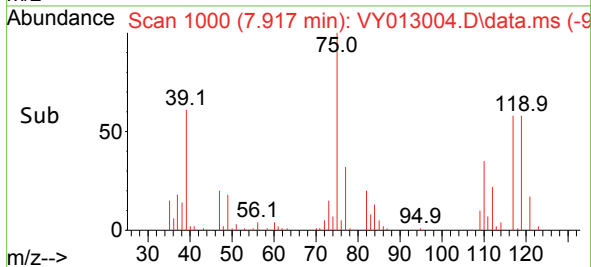
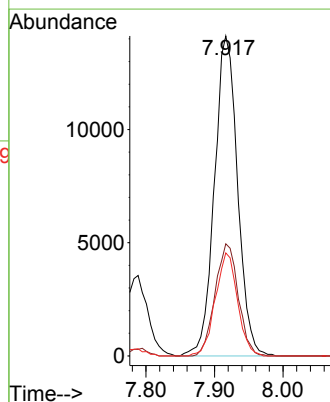
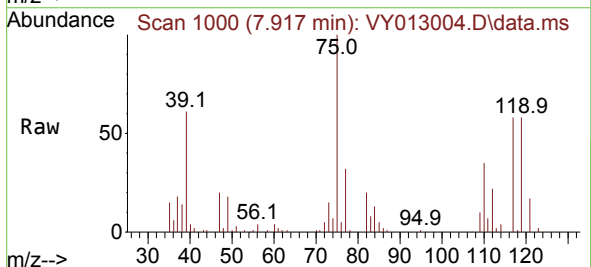
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

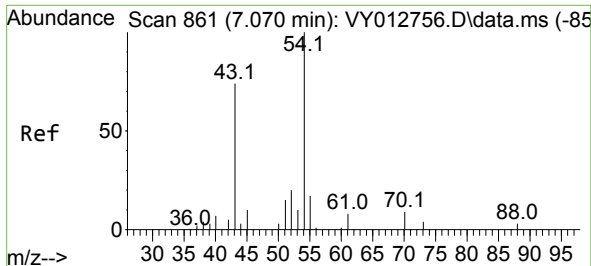
Tgt Ion:113 Resp: 43480
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.2
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.142 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 75 Resp: 33051
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 20.966 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

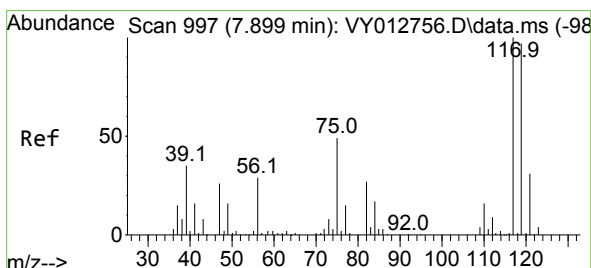
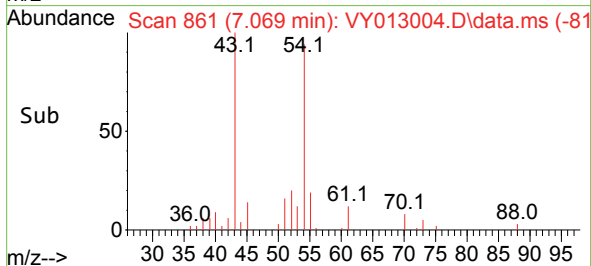
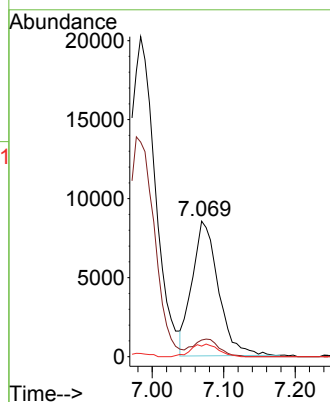
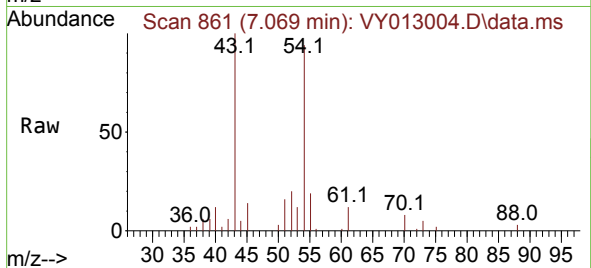
Tgt Ion: 43 Resp: 21684

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 9.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.271 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

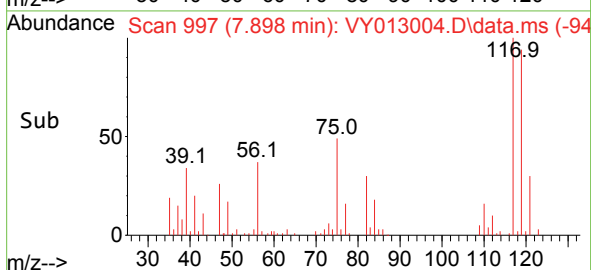
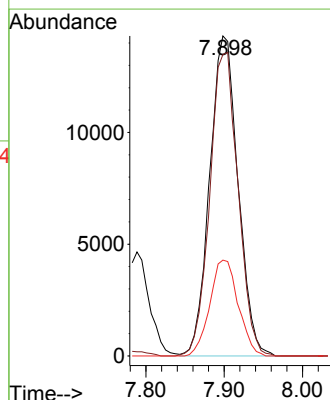
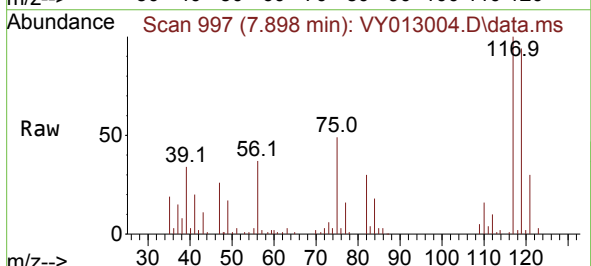
Tgt Ion: 117 Resp: 36043

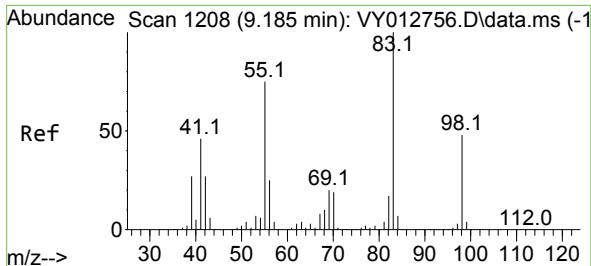
Ion Ratio Lower Upper

117 100

119 94.2 77.2 115.8

121 29.9 24.7 37.1

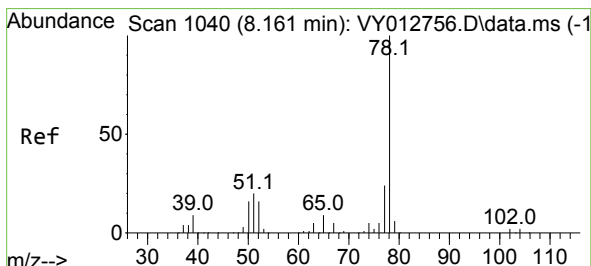
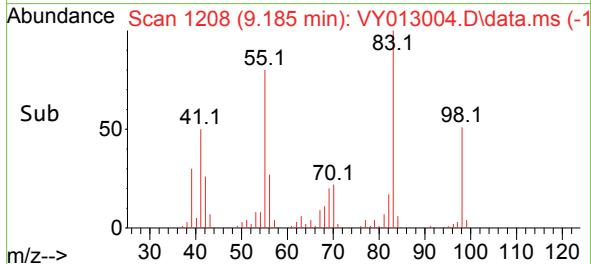
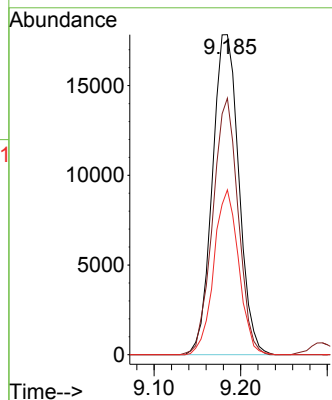
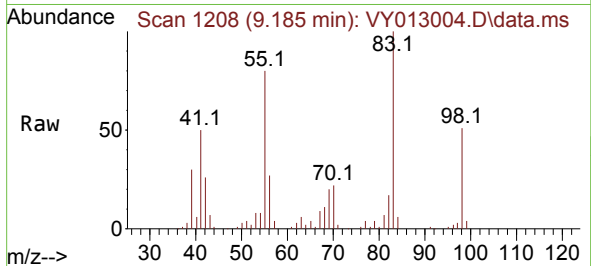




#39
Methylcyclohexane
Concen: 19.405 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

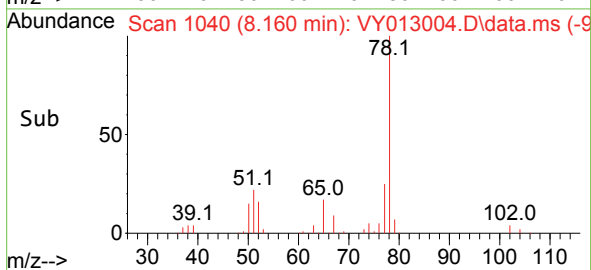
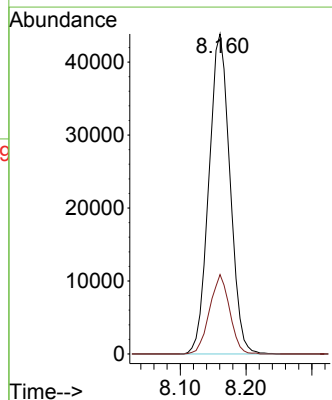
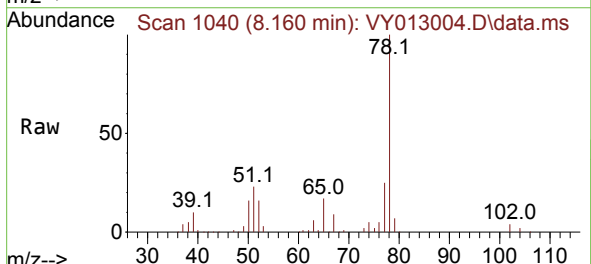
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

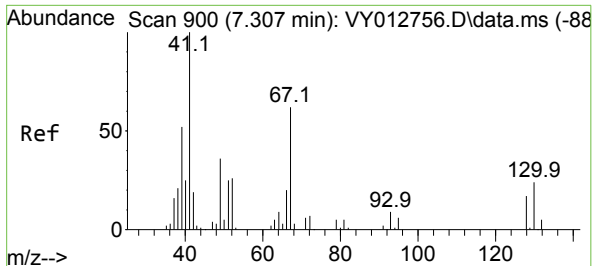
Tgt Ion: 83 Resp: 37856
Ion Ratio Lower Upper
83 100
55 80.2 60.0 90.0
98 51.5 38.3 57.5



#40
Benzene
Concen: 21.017 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 78 Resp: 97553
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

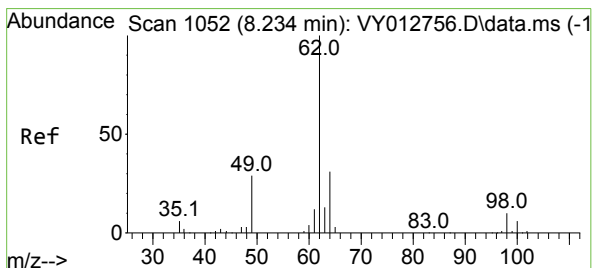
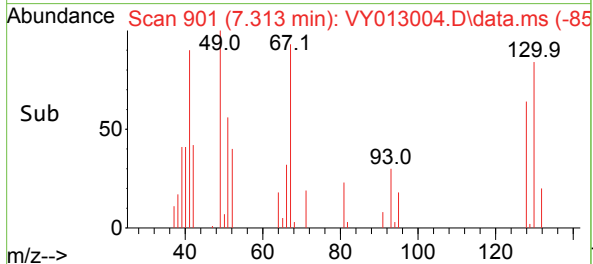
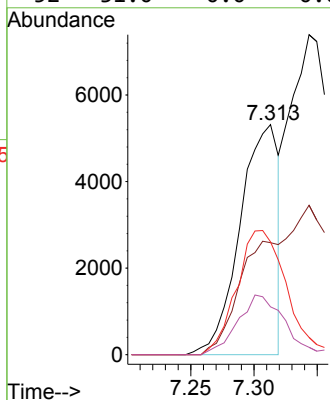
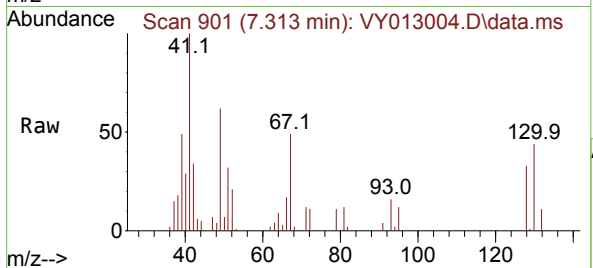




#41
Methacrylonitrile
Concen: 20.306 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

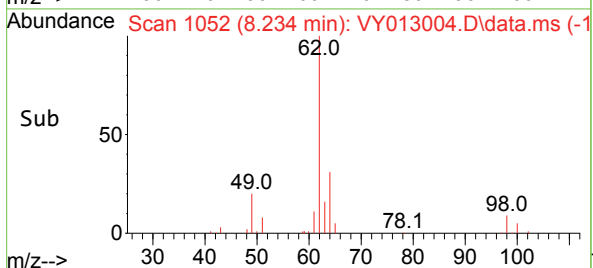
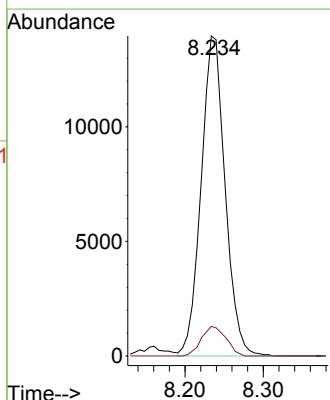
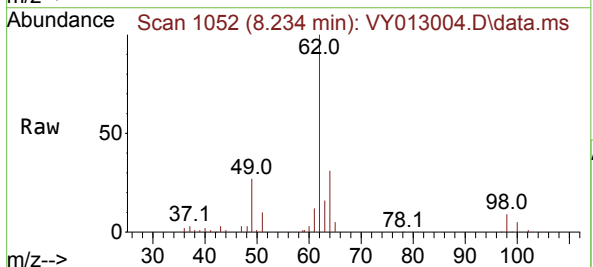
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

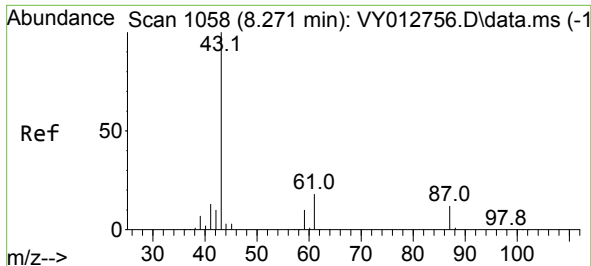
Tgt Ion:	41	Resp:	11315
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	69.2	0.0	0.0#
52	31.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.307 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:	62	Resp:	29733
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

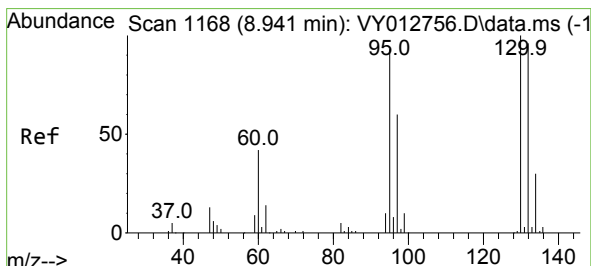
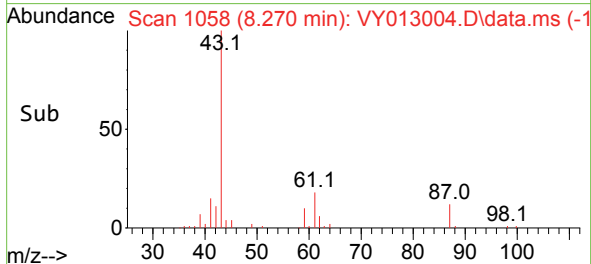
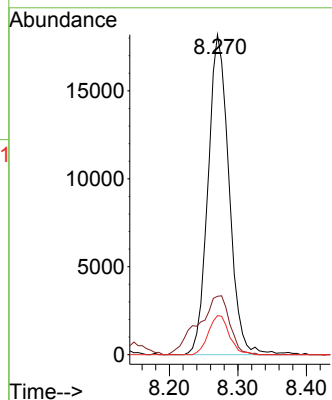
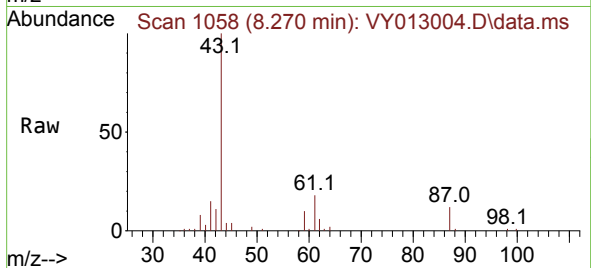




#43
Isopropyl Acetate
Concen: 20.939 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

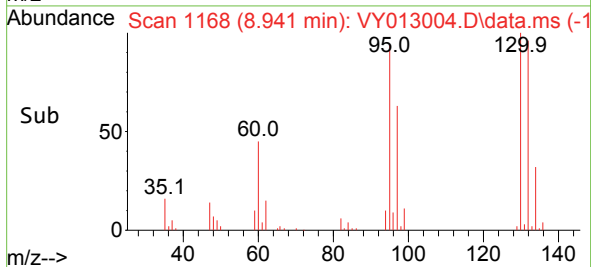
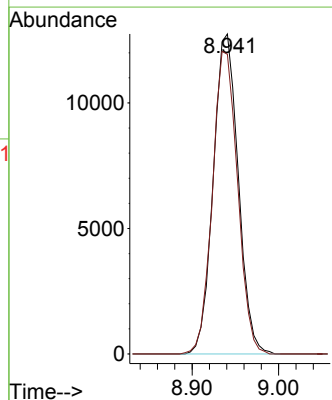
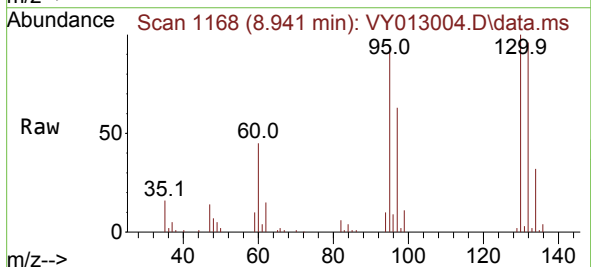
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

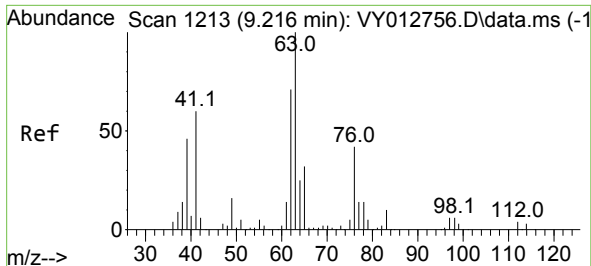
Tgt Ion: 43 Resp: 38637
Ion Ratio Lower Upper
43 100
61 27.5 21.6 32.4
87 12.1 9.9 14.9



#44
Trichloroethene
Concen: 20.884 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:130 Resp: 25557
Ion Ratio Lower Upper
130 100
95 93.6 0.0 185.0

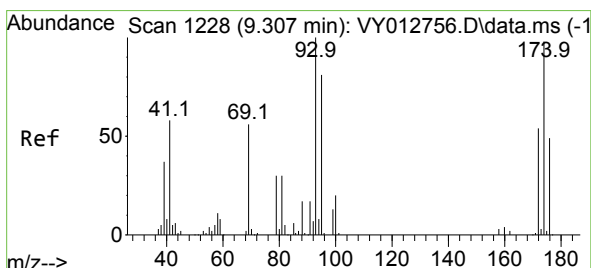
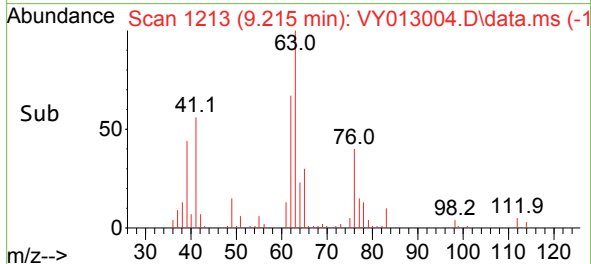
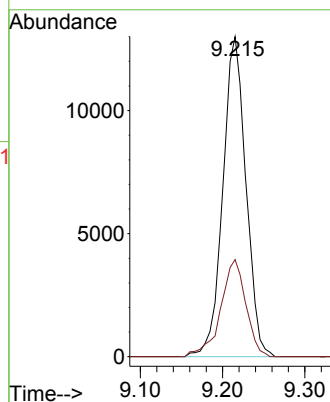
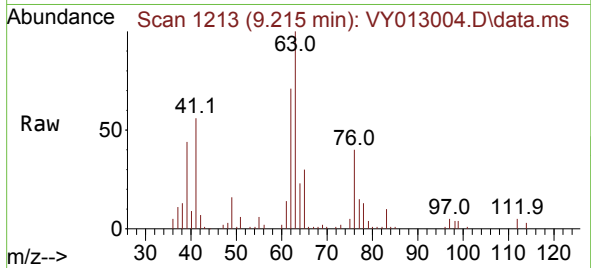




#45
1,2-Dichloropropane
Concen: 21.617 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

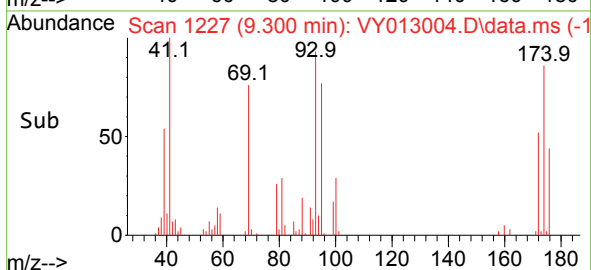
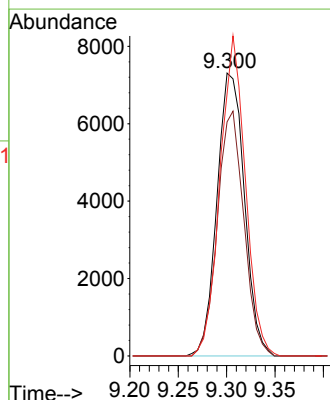
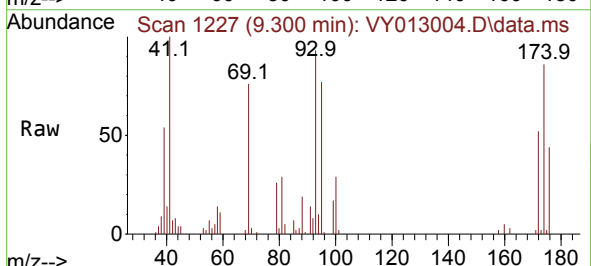
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

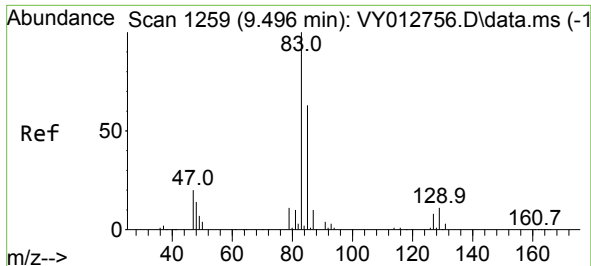
Tgt Ion: 63 Resp: 25358
Ion Ratio Lower Upper
63 100
65 30.3 25.7 38.5



#46
Dibromomethane
Concen: 21.592 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 93 Resp: 14430
Ion Ratio Lower Upper
93 100
95 83.5 65.6 98.4
174 104.5 81.3 121.9

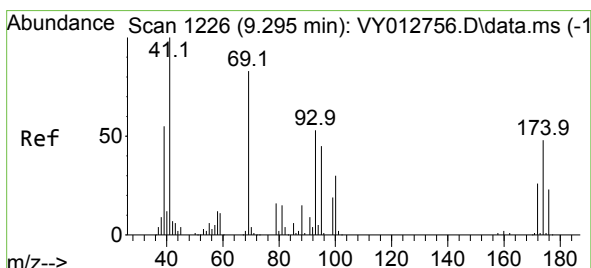
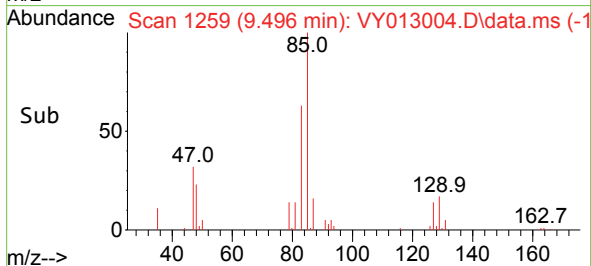
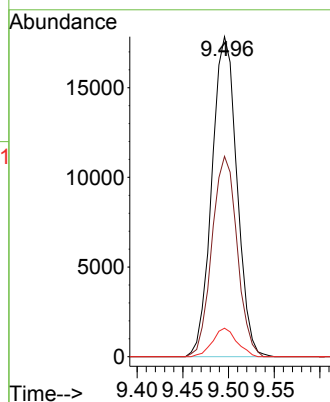
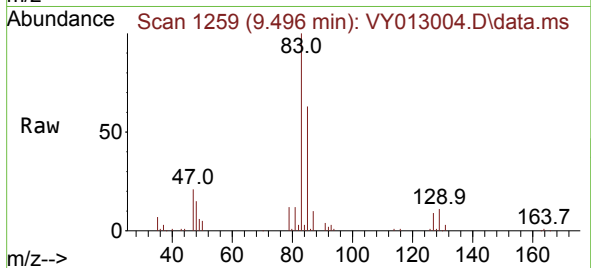




#47
Bromodichloromethane
Concen: 21.582 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

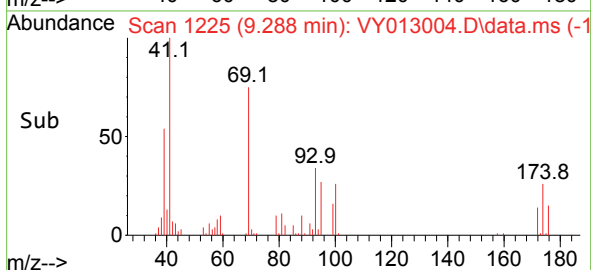
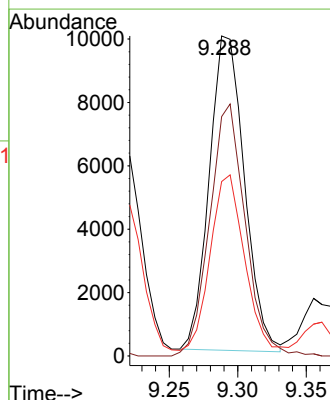
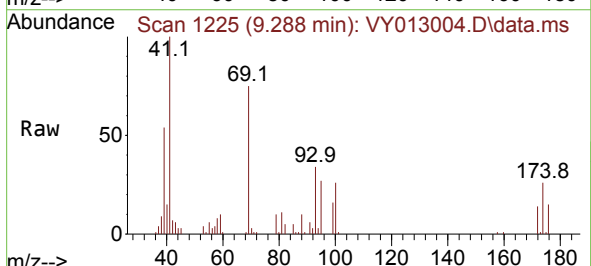
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

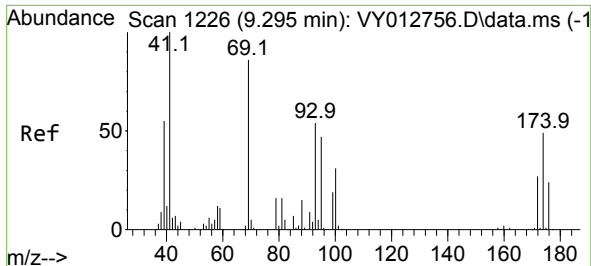
Tgt Ion:	83	Resp:	33988
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4
127	8.9	6.3	9.5



#48
Methyl methacrylate
Concen: 20.842 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.007 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:	41	Resp:	17720
Ion	Ratio	Lower	Upper
41	100		
69	81.1	64.1	96.1
39	55.0	44.0	66.0





#49

1,4-Dioxane

Concen: 427.462 ug/l

RT: 9.300 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

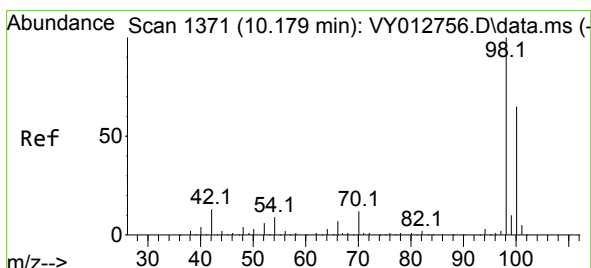
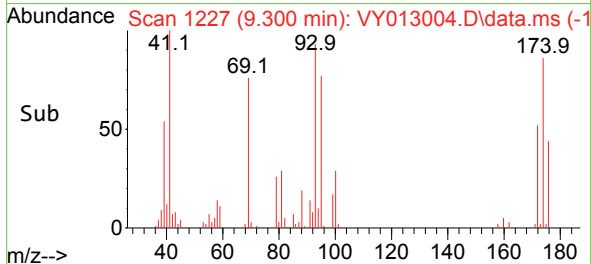
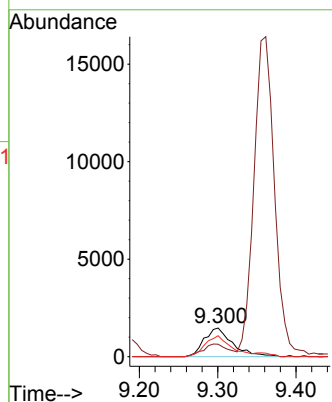
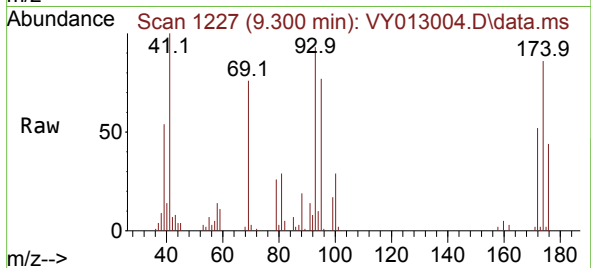
Tgt Ion: 88 Resp: 3693

Ion Ratio Lower Upper

88 100

43 40.4 28.6 42.8

58 66.1 55.2 82.8



#50

Toluene-d8

Concen: 40.594 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013004.D

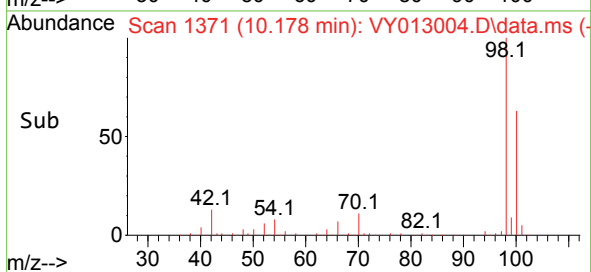
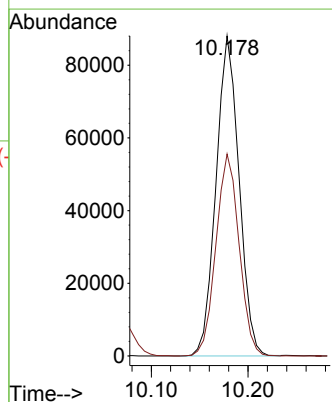
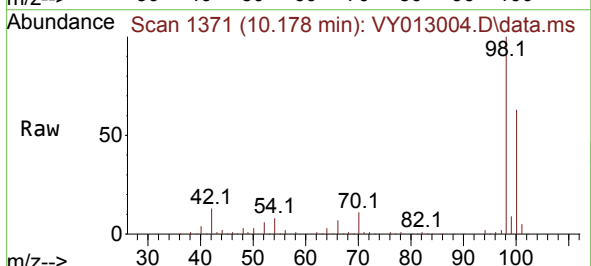
Acq: 20 Mar 2023 13:04

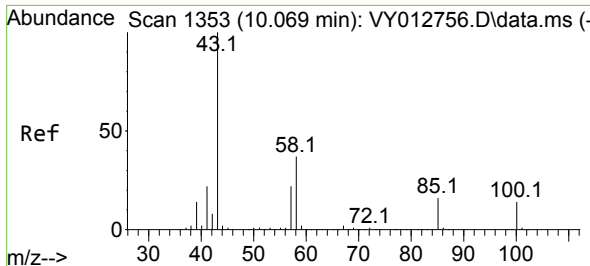
Tgt Ion: 98 Resp: 145312

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

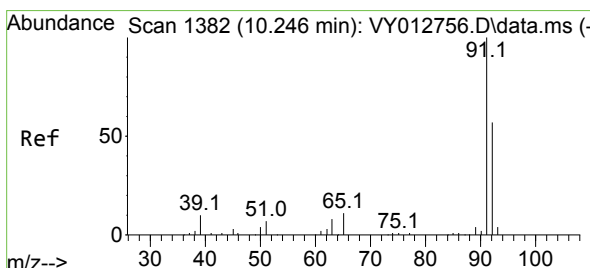
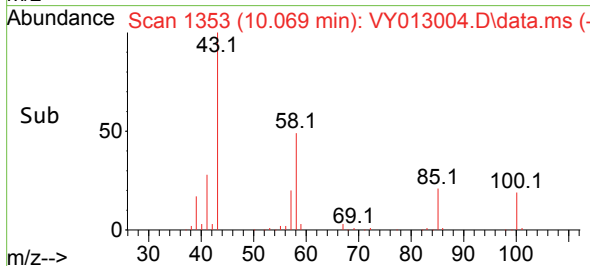
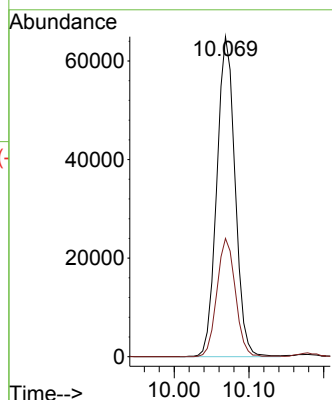
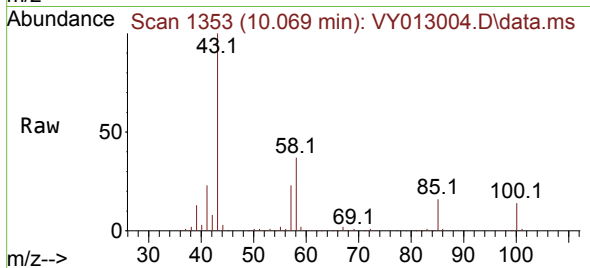




#51
4-Methyl-2-Pentanone
Concen: 110.115 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

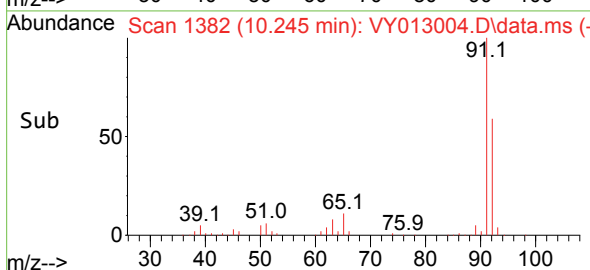
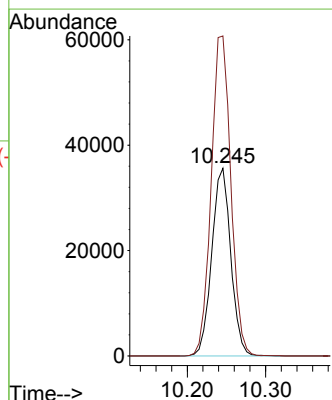
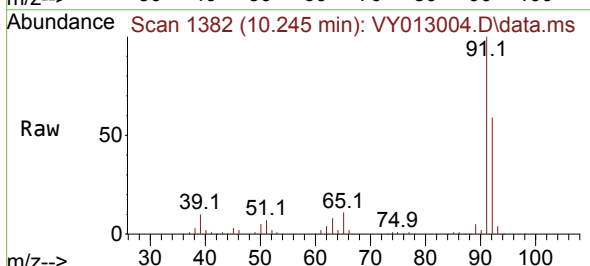
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

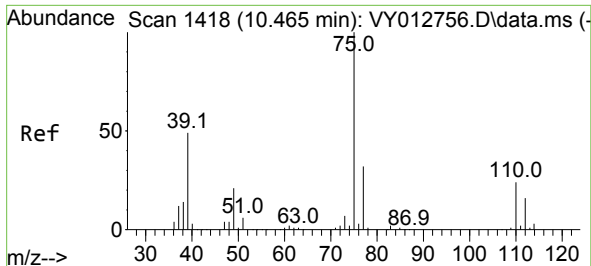
Tgt Ion: 43 Resp: 110214
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6



#52
Toluene
Concen: 21.478 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 92 Resp: 60122
Ion Ratio Lower Upper
92 100
91 176.0 141.3 211.9

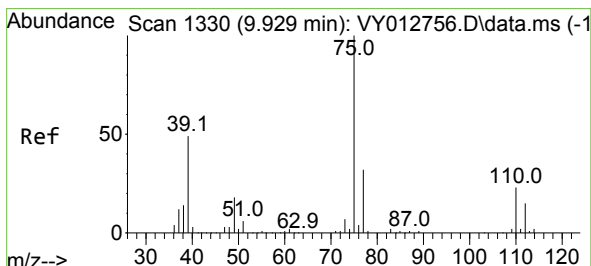
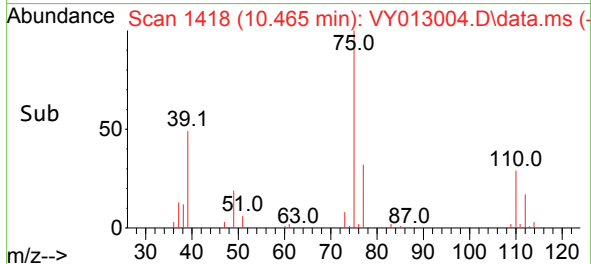
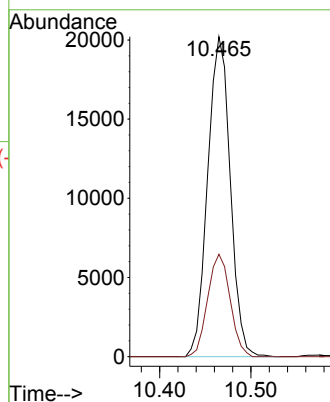
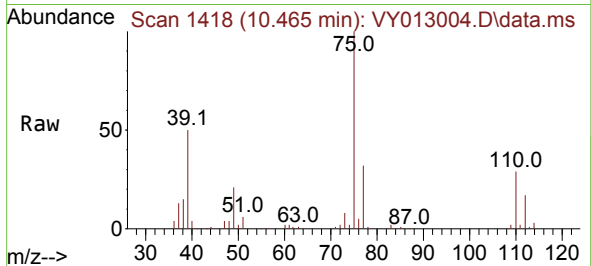




#53
t-1,3-Dichloropropene
Concen: 20.971 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

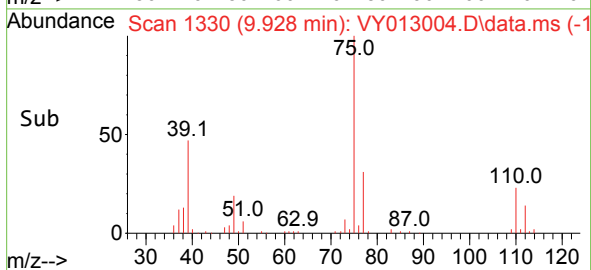
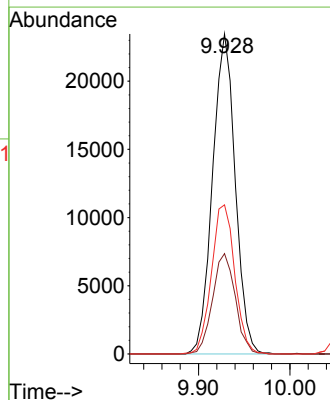
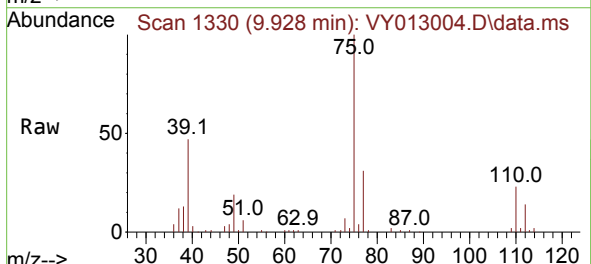
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

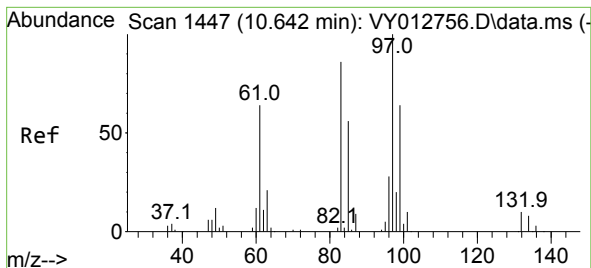
Tgt Ion: 75 Resp: 34641
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.591 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 75 Resp: 40368
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 46.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.873 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 97 Resp: 20357

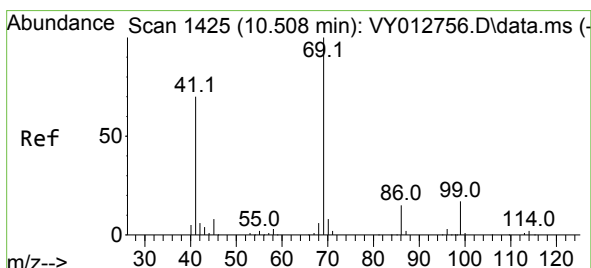
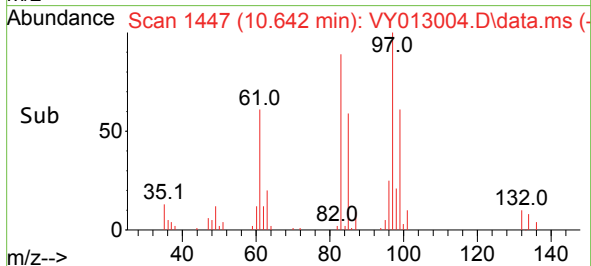
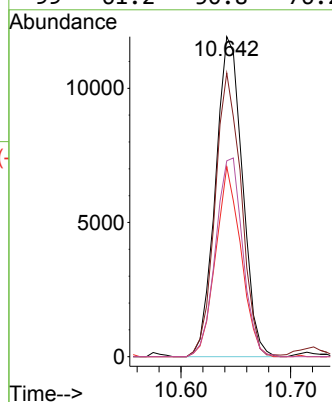
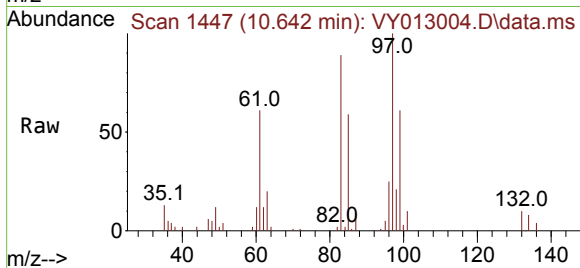
Ion Ratio Lower Upper

97 100

83 88.7 69.0 103.6

85 59.4 44.9 67.3

99 61.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.196 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

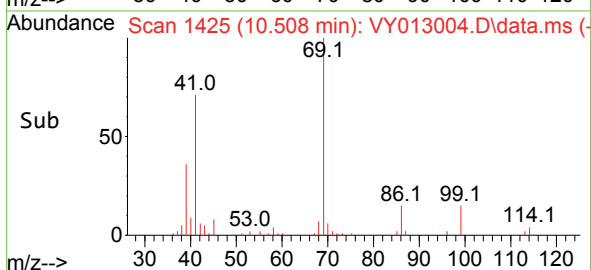
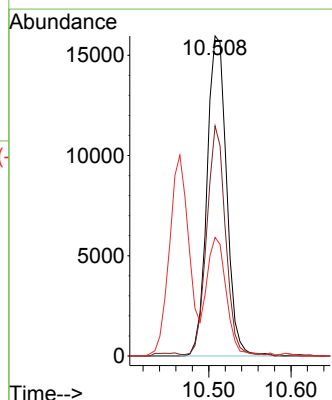
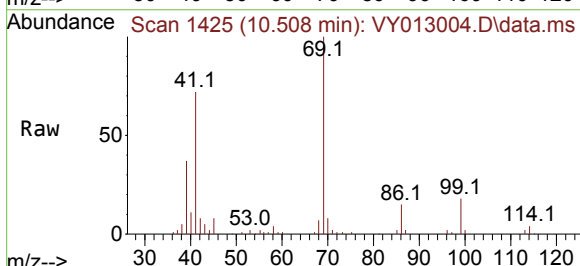
Tgt Ion: 69 Resp: 26304

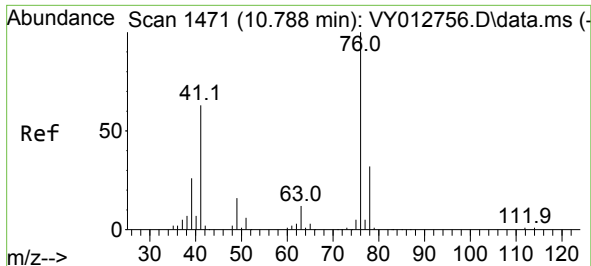
Ion Ratio Lower Upper

69 100

41 69.7 56.4 84.6

39 36.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 21.485 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

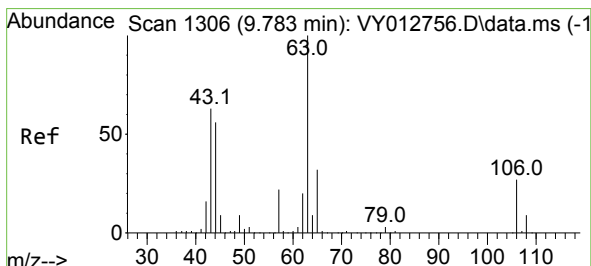
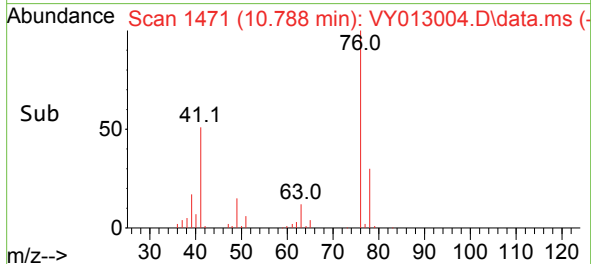
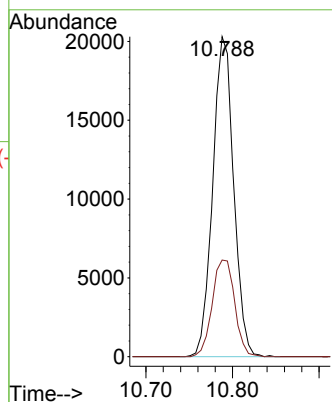
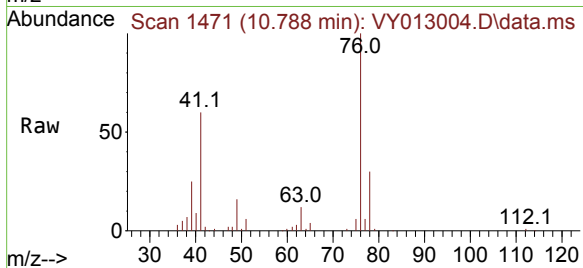
VY0320SBS01

Tgt Ion: 76 Resp: 34058

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.210 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013004.D

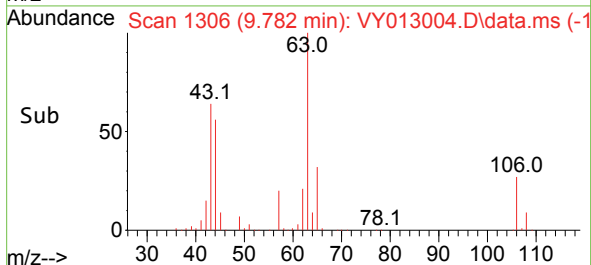
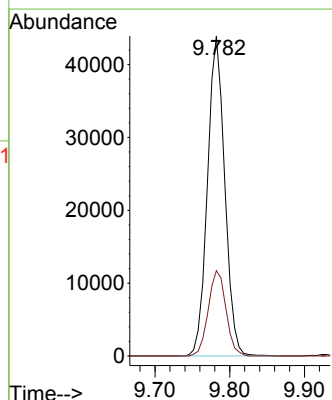
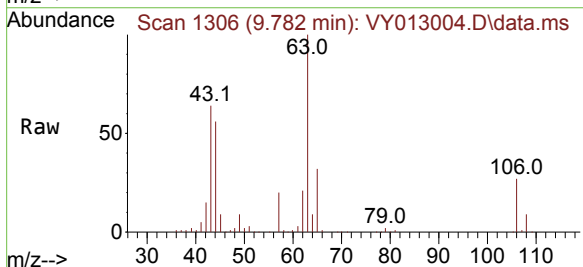
Acq: 20 Mar 2023 13:04

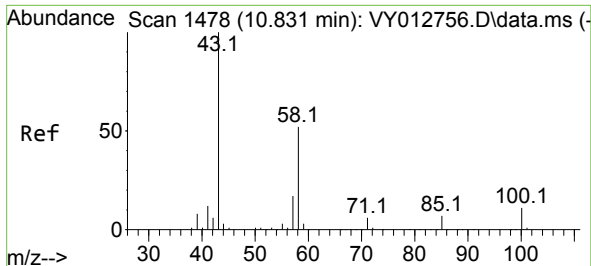
Tgt Ion: 63 Resp: 70495

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

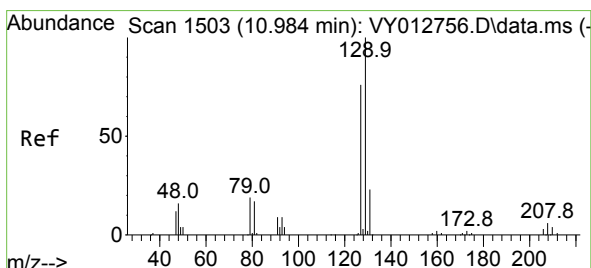
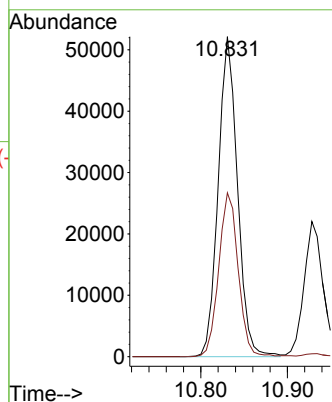
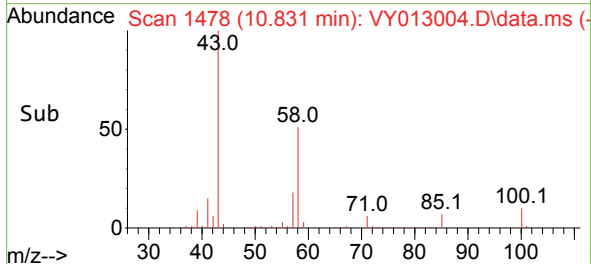
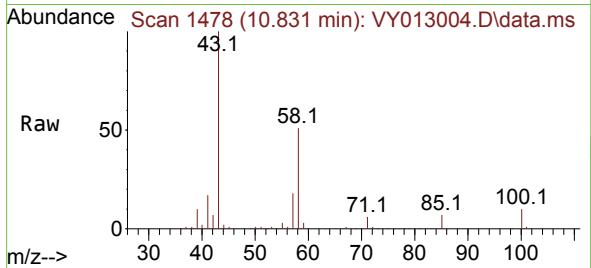




#59
2-Hexanone
Concen: 110.824 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

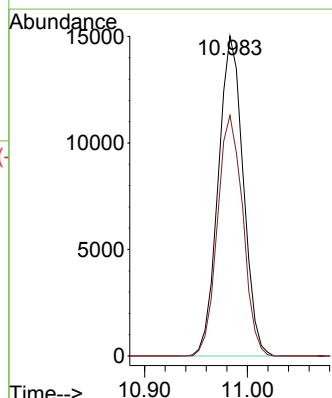
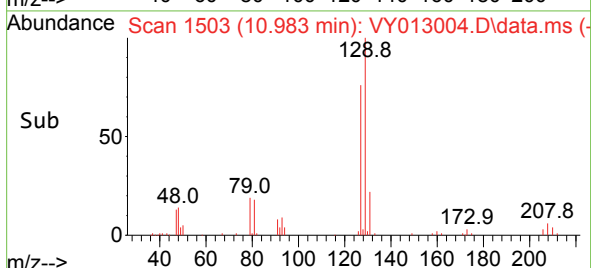
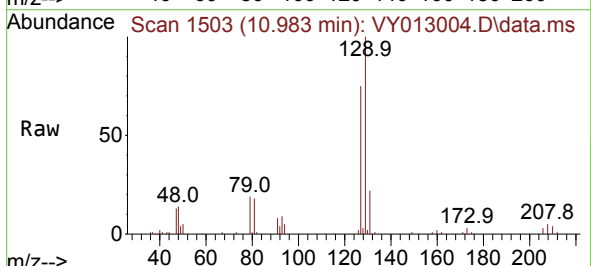
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

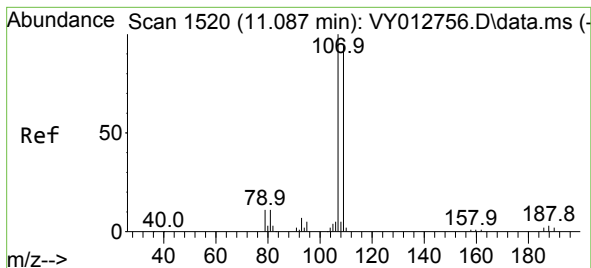
Tgt Ion: 43 Resp: 80617
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 22.377 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 129 Resp: 25351
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

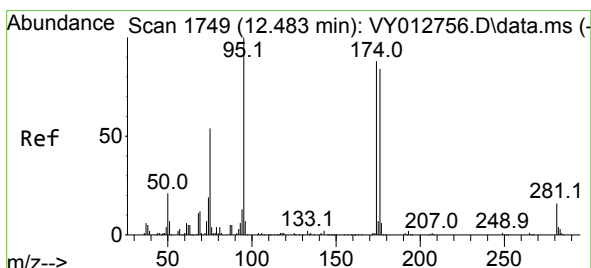
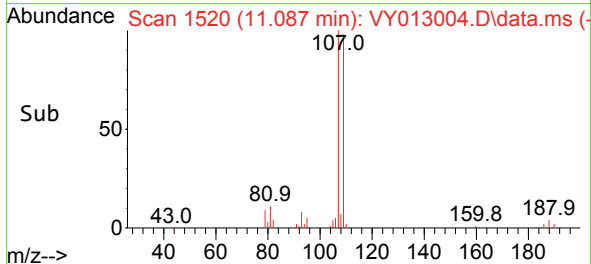
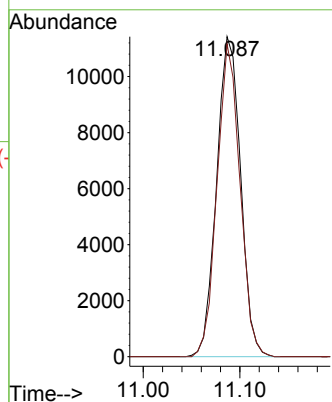
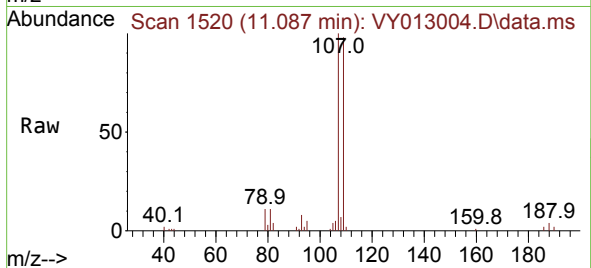




#61
1,2-Dibromoethane
Concen: 21.898 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

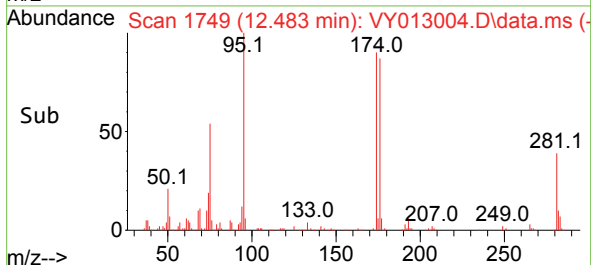
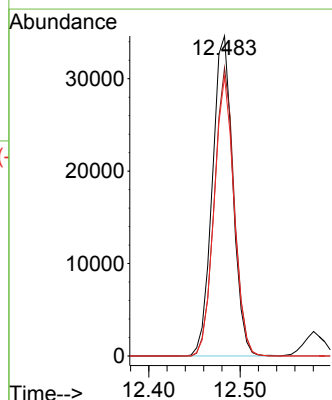
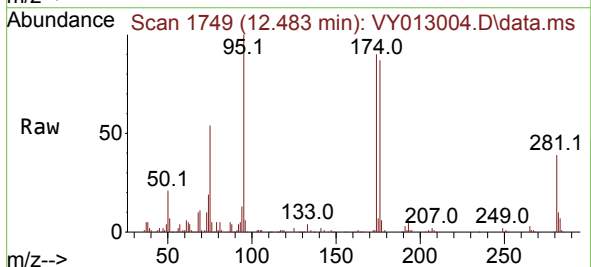
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

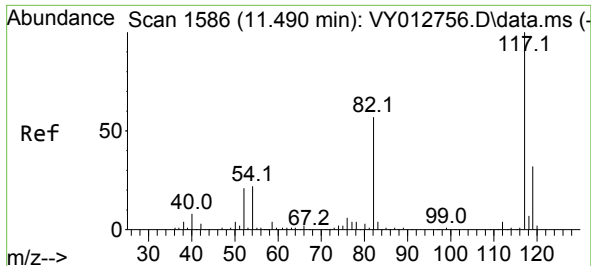
Tgt Ion:107 Resp: 19632
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 95 Resp: 53727
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 85.0 0.0 170.2

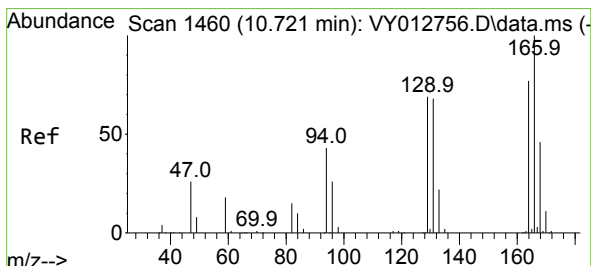
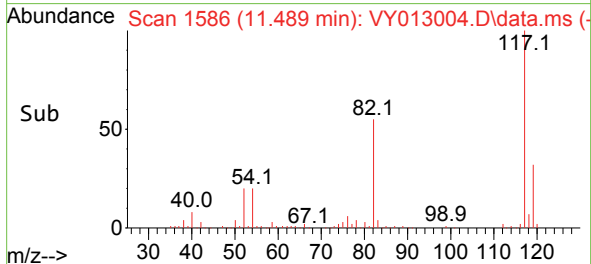
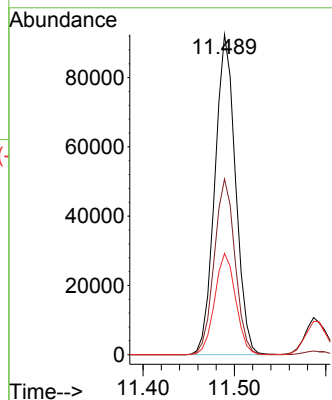
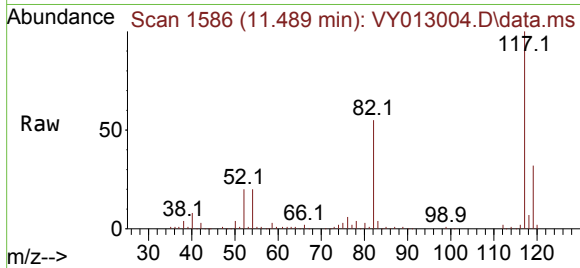




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

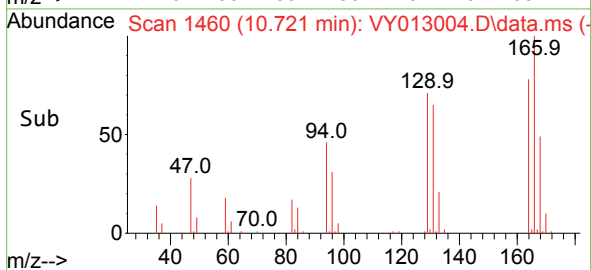
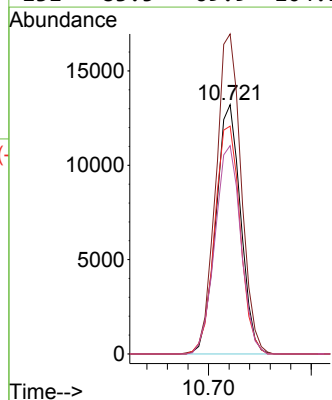
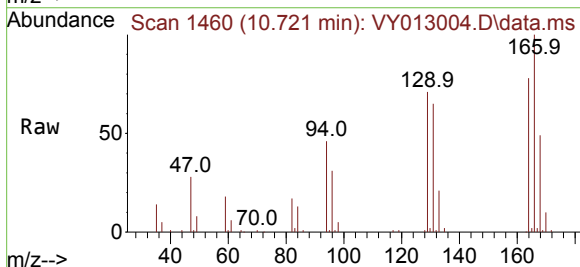
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

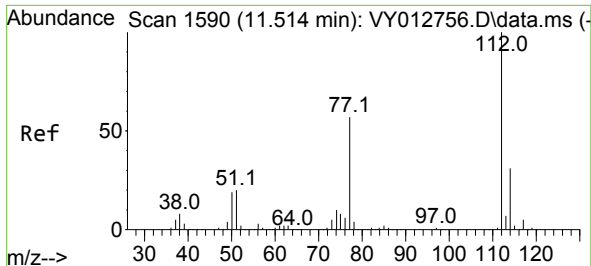
Tgt Ion:117 Resp: 145299
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 20.900 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:164 Resp: 22110
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.2
129 91.4 71.4 107.2
131 83.5 69.9 104.9

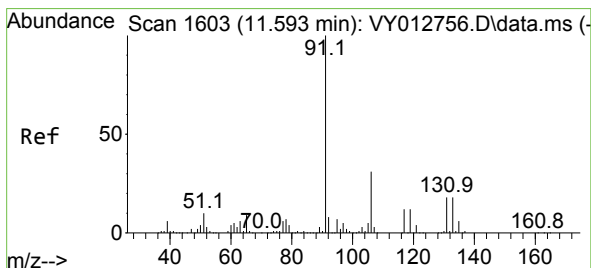
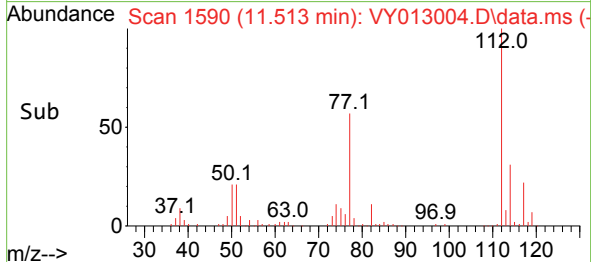
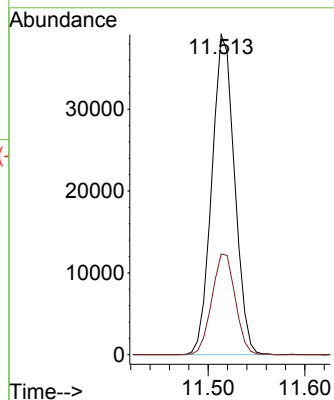
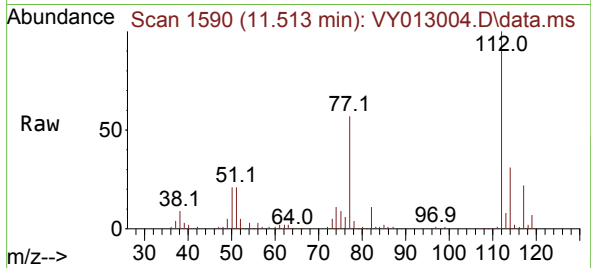




#65
Chlorobenzene
Concen: 21.013 ug/l
RT: 11.513 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

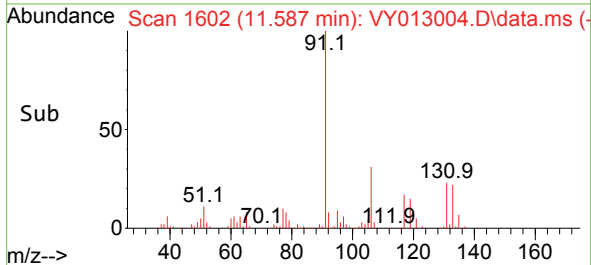
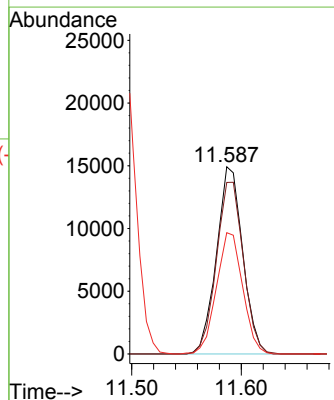
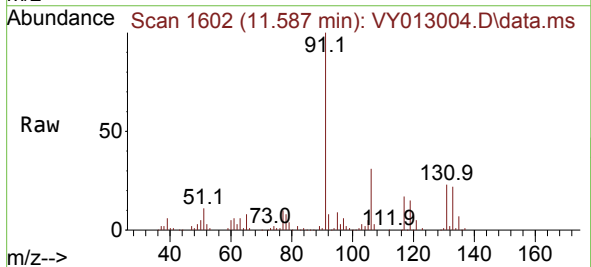
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

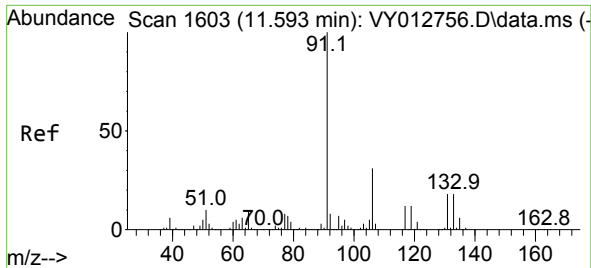
Tgt Ion:112 Resp: 64078
Ion Ratio Lower Upper
112 100
114 31.5 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.964 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.007 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:131 Resp: 24784
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 64.9 32.6 98.0

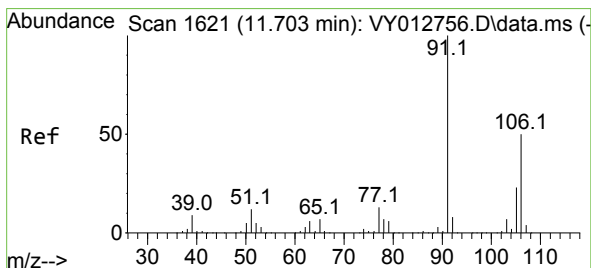
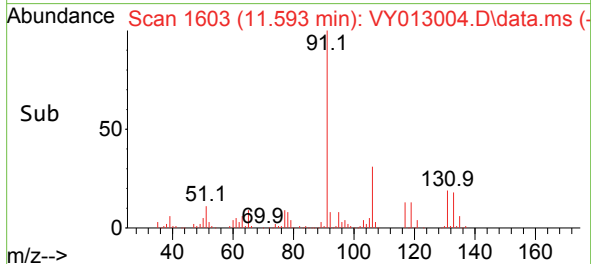
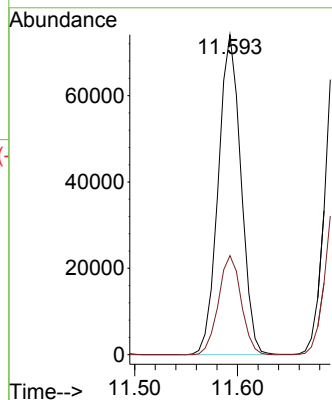
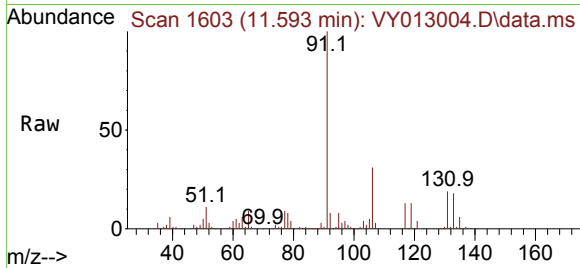




#67
Ethyl Benzene
Concen: 21.152 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

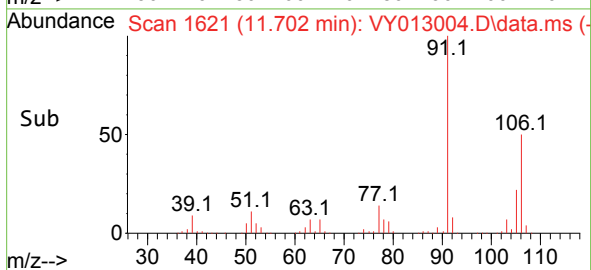
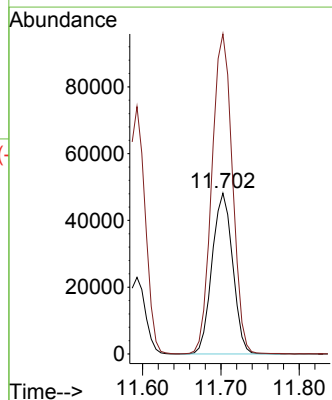
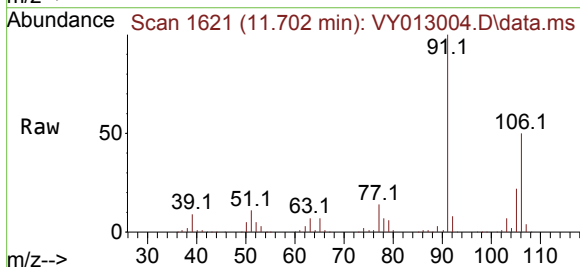
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

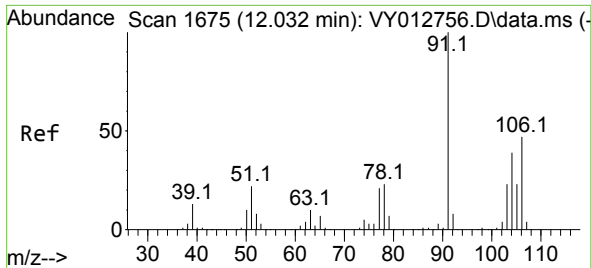
Tgt Ion: 91 Resp: 113404
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 42.644 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:106 Resp: 87954
Ion Ratio Lower Upper
106 100
91 199.1 159.8 239.8

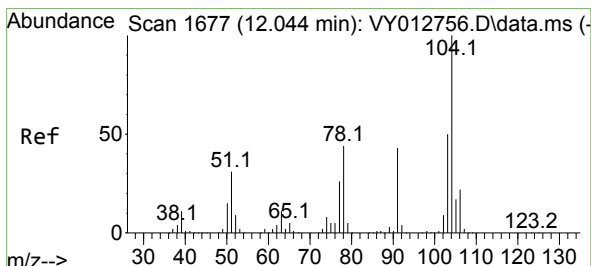
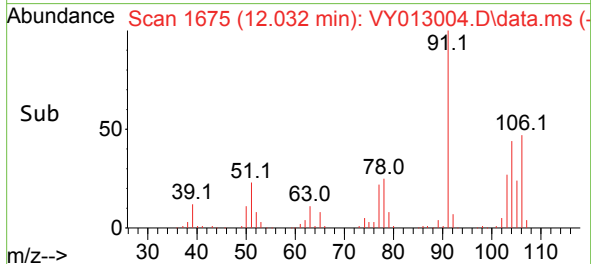
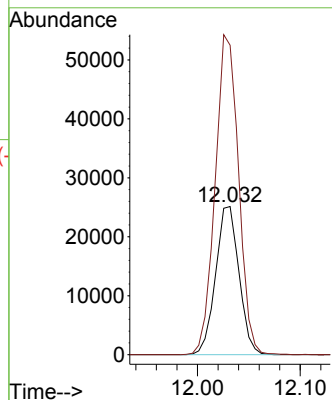
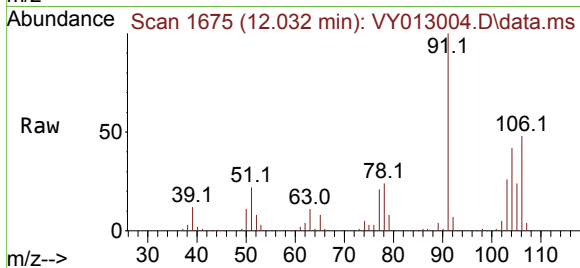




#69
o-Xylene
Concen: 20.589 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

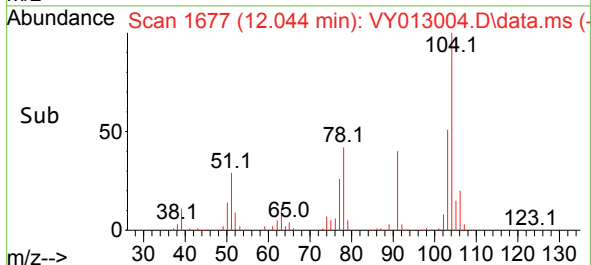
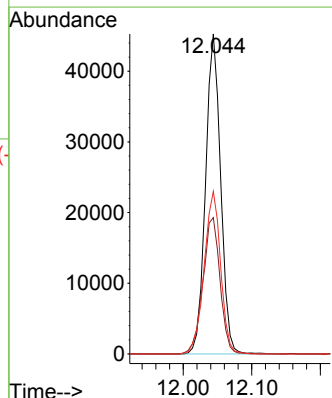
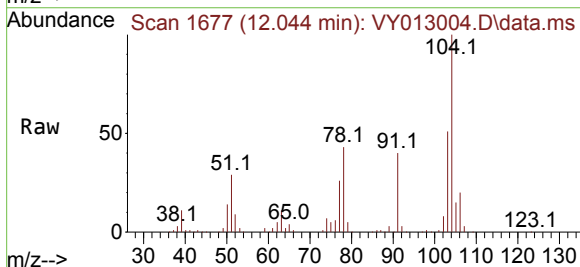
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

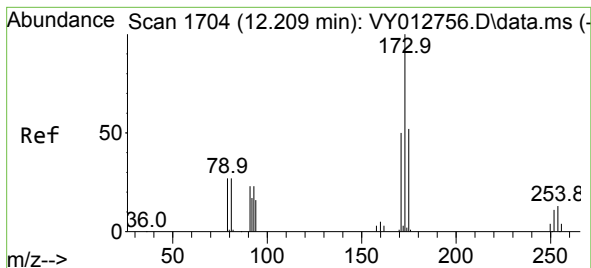
Tgt Ion:106 Resp: 39632
Ion Ratio Lower Upper
106 100
91 216.5 107.2 321.6



#70
Styrene
Concen: 21.615 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:104 Resp: 69433
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.3 43.7 65.5





#71

Bromoform

Concen: 21.905 ug/l

RT: 12.208 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

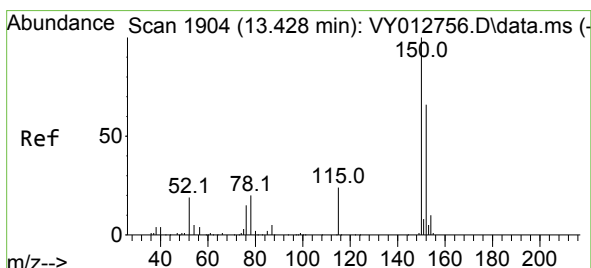
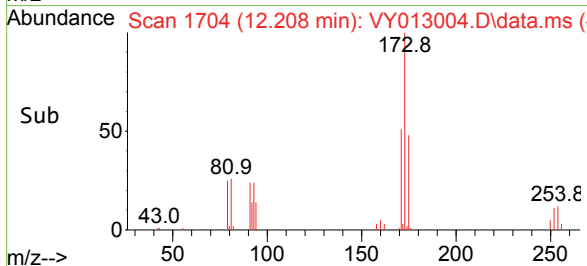
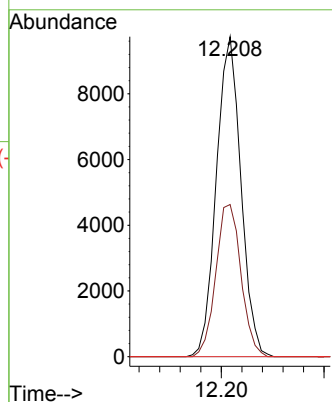
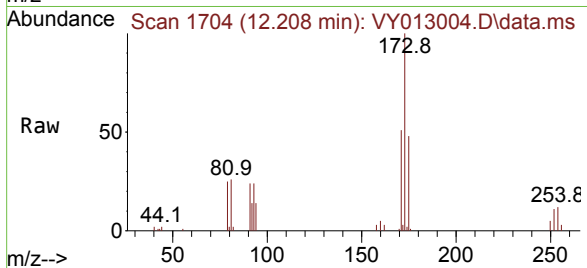
Tgt Ion:173 Resp: 16116

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

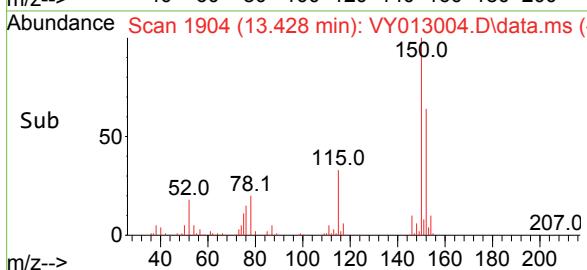
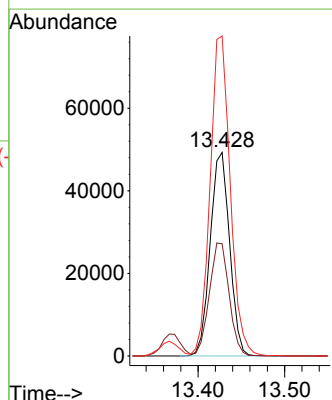
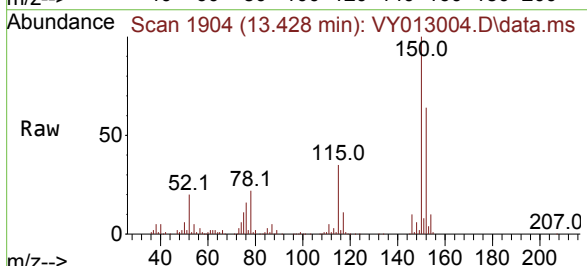
Tgt Ion:152 Resp: 76671

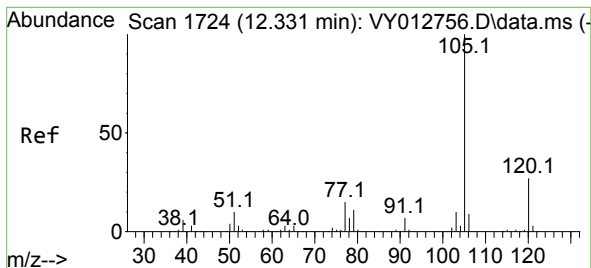
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 163.1 0.0 347.8





#73

Isopropylbenzene

Concen: 19.984 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

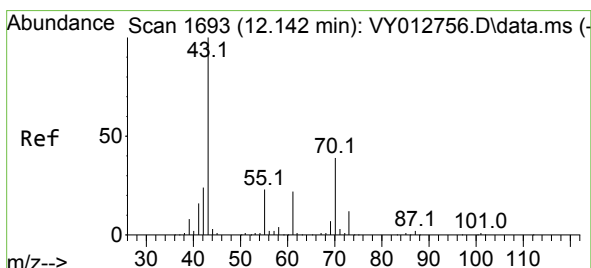
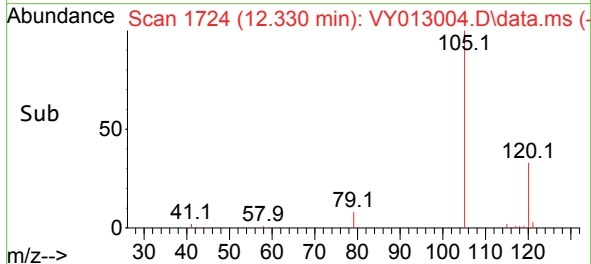
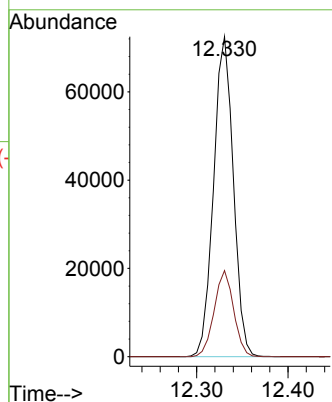
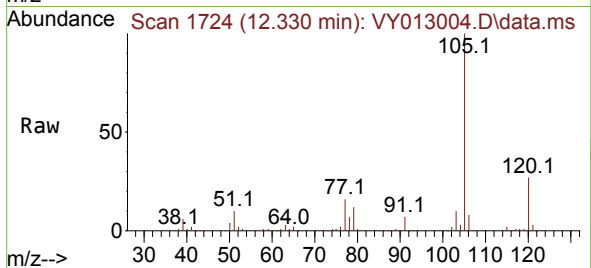
VY0320SBS01

Tgt Ion:105 Resp: 108588

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 19.418 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Tgt Ion: 43 Resp: 33198

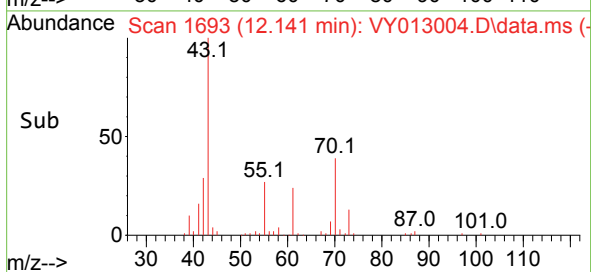
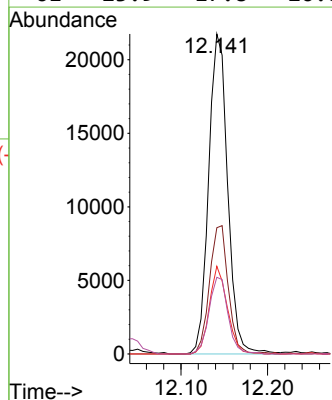
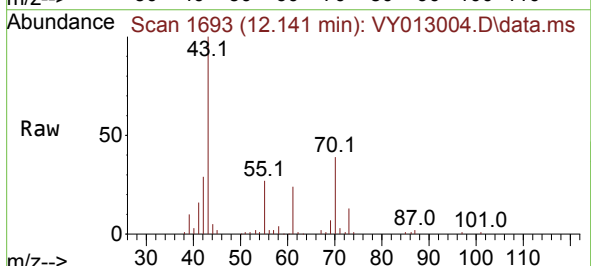
Ion Ratio Lower Upper

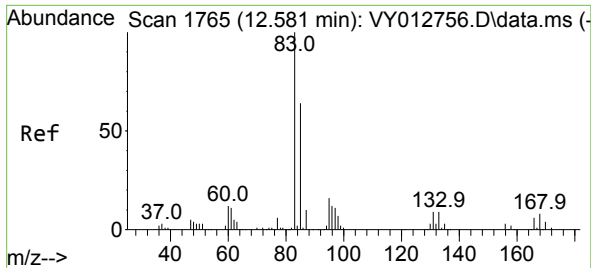
43 100

70 39.6 31.6 47.4

55 25.9 18.8 28.2

61 23.9 17.8 26.8

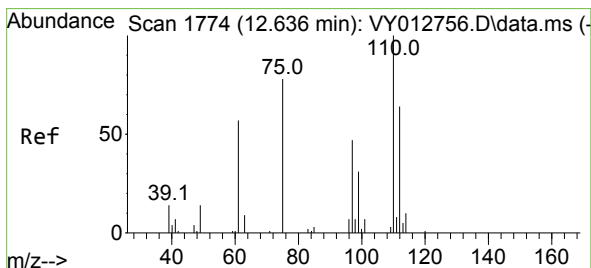
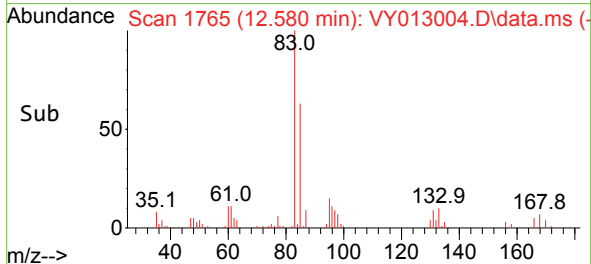
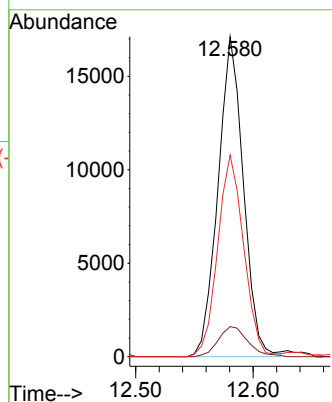
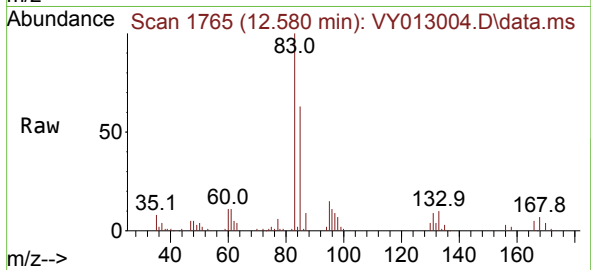




#75
1,1,2,2-Tetrachloroethane
Concen: 21.044 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

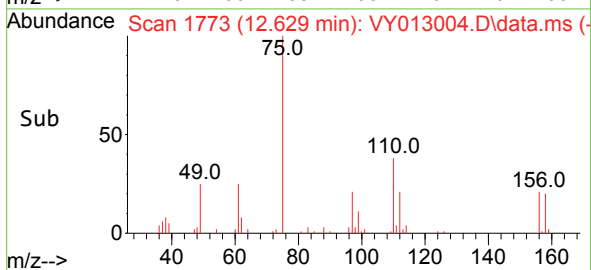
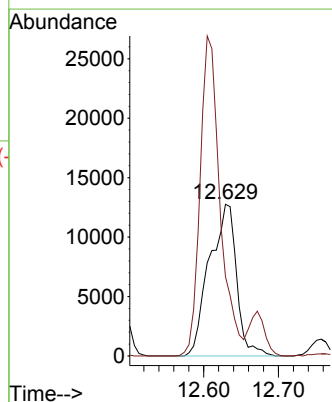
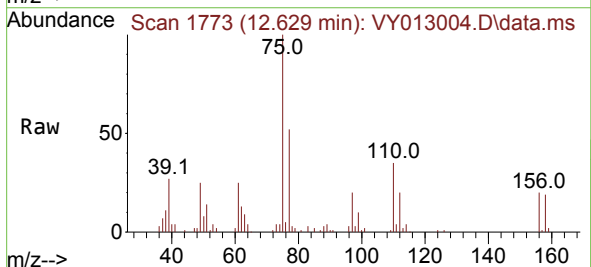
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

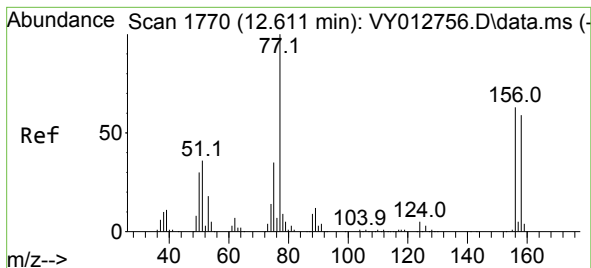
Tgt Ion: 83 Resp: 25705
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 64.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 35.226 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.007 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 75 Resp: 32252
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.403 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

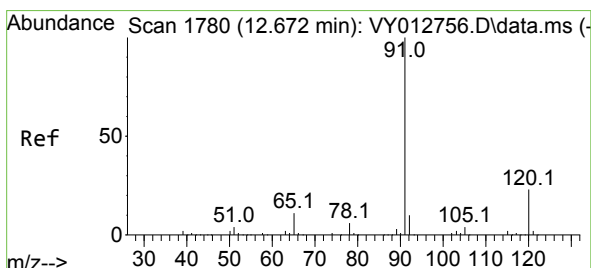
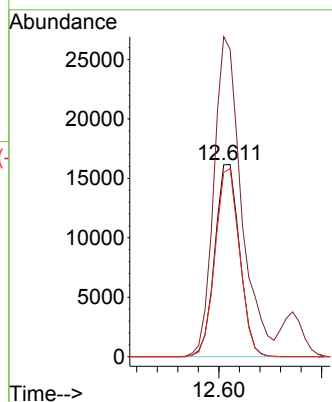
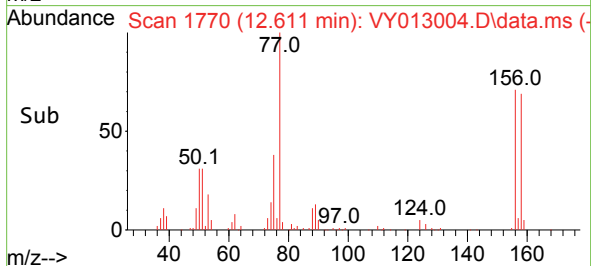
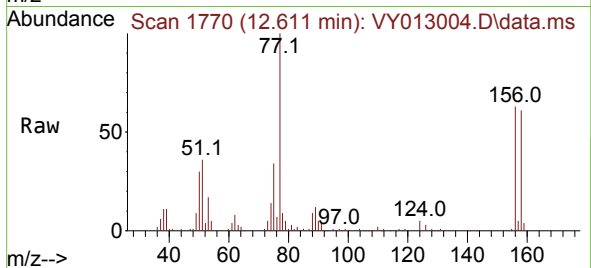
Tgt Ion:156 Resp: 26932

Ion Ratio Lower Upper

156 100

77 186.0 94.0 282.1

158 96.8 48.1 144.4



#78

n-propylbenzene

Concen: 20.362 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013004.D

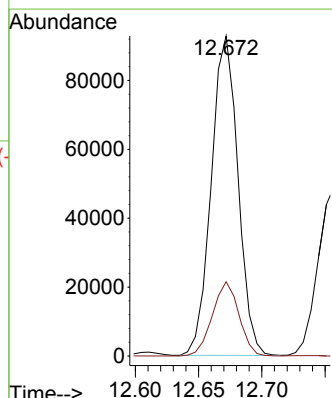
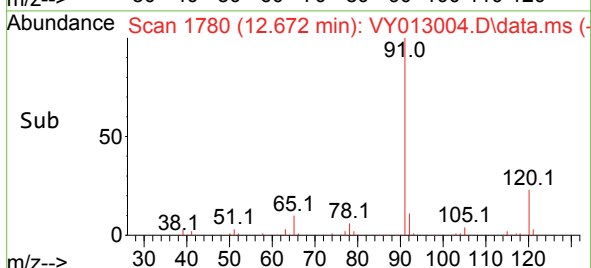
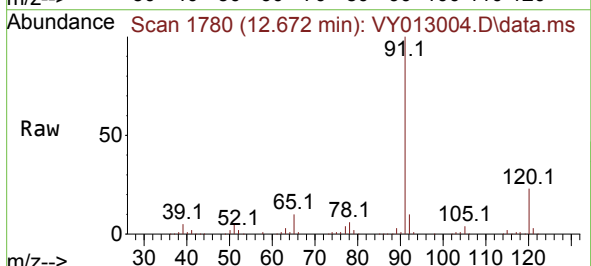
Acq: 20 Mar 2023 13:04

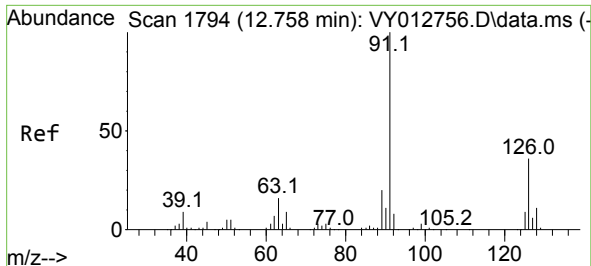
Tgt Ion: 91 Resp: 136408

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.537 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

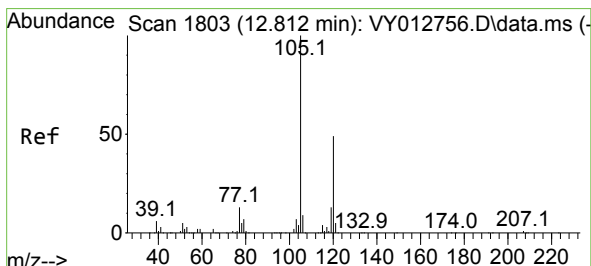
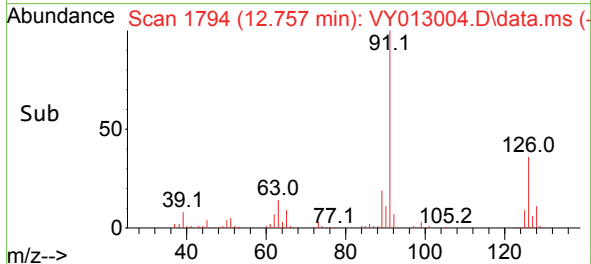
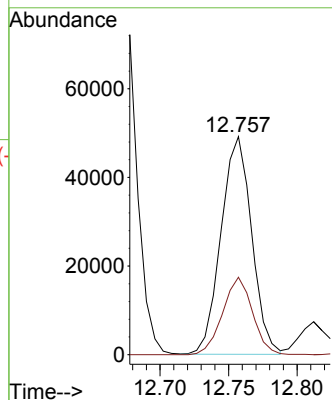
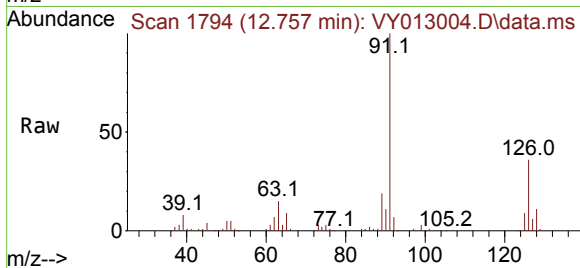
VY0320SBS01

Tgt Ion: 91 Resp: 76465

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.521 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013004.D

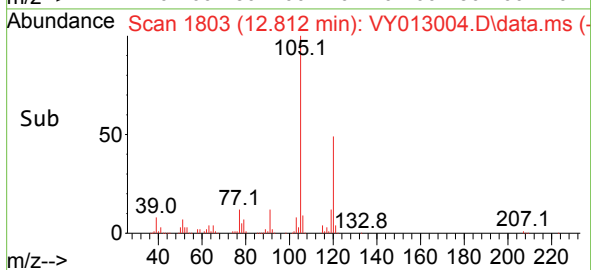
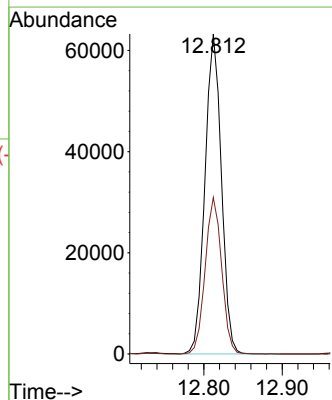
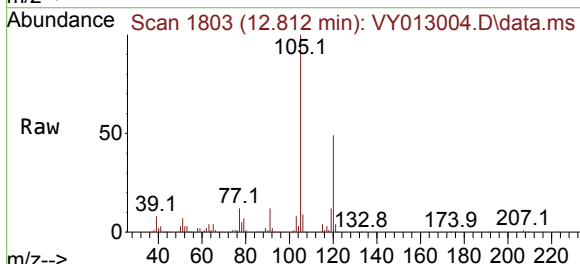
Acq: 20 Mar 2023 13:04

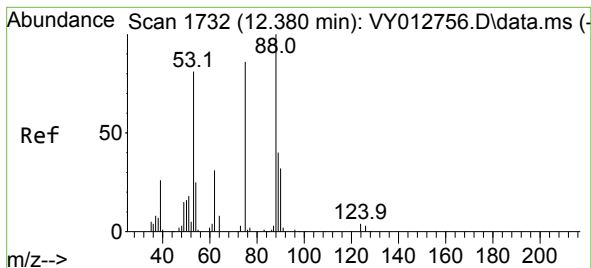
Tgt Ion:105 Resp: 92021

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

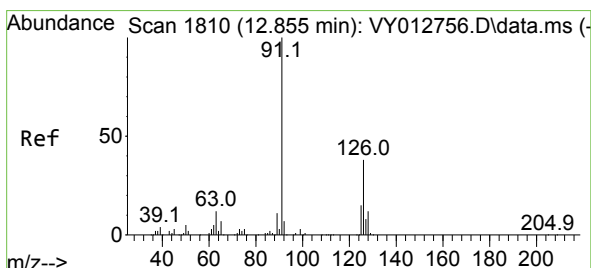
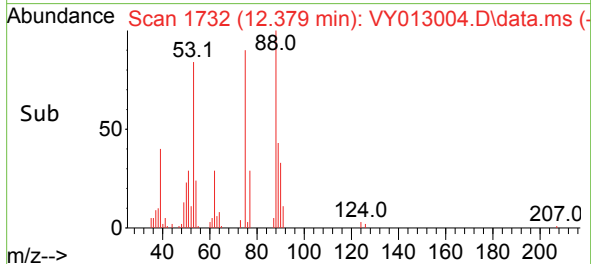
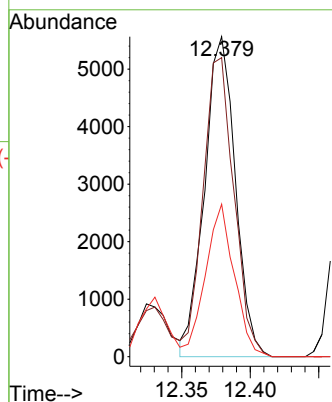
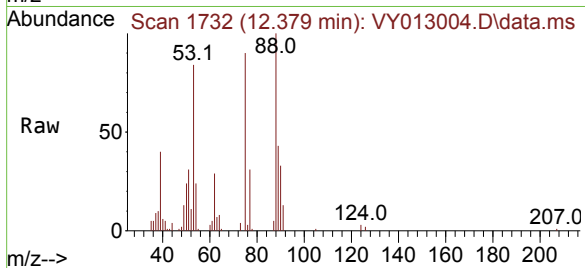




#81
trans-1,4-Dichloro-2-butene
Concen: 19.682 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

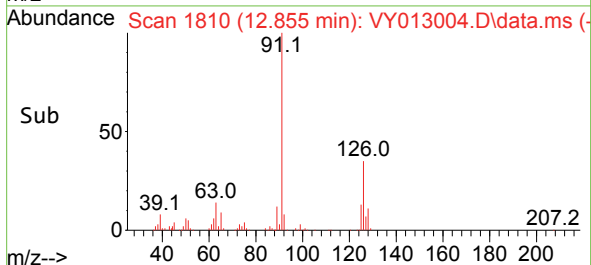
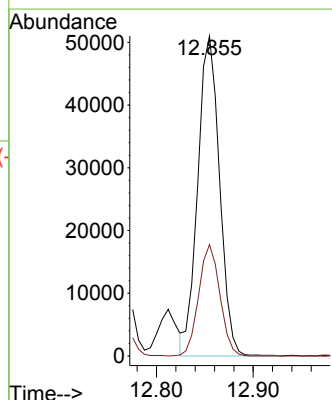
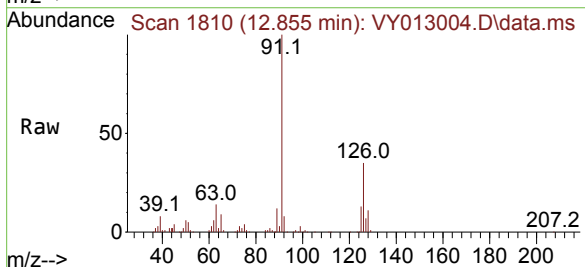
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

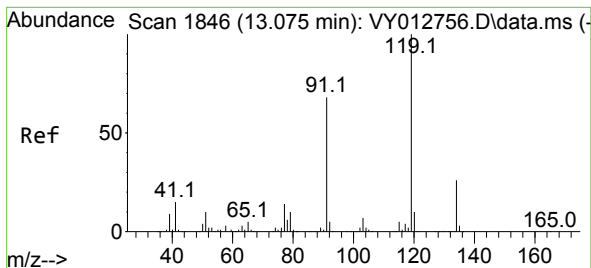
Tgt Ion: 75 Resp: 8697
Ion Ratio Lower Upper
75 100
53 93.5 73.4 110.0
89 44.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.740 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 91 Resp: 79934
Ion Ratio Lower Upper
91 100
126 33.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.188 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

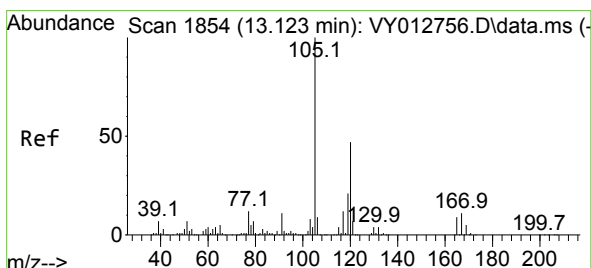
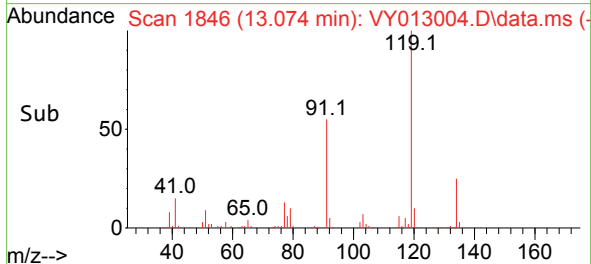
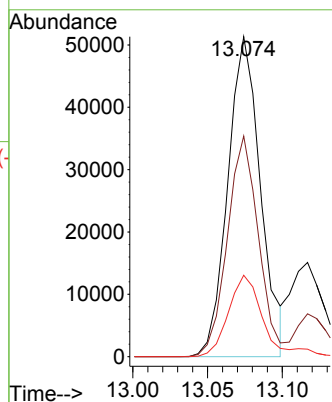
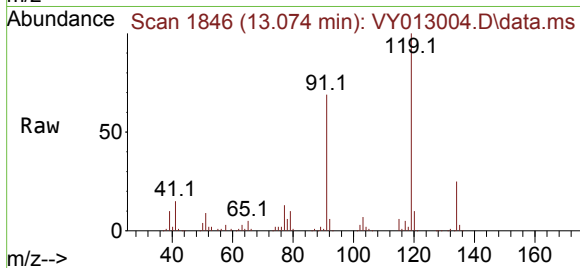
Tgt Ion:119 Resp: 78137

Ion Ratio Lower Upper

119 100

91 65.2 32.8 98.3

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.295 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY013004.D

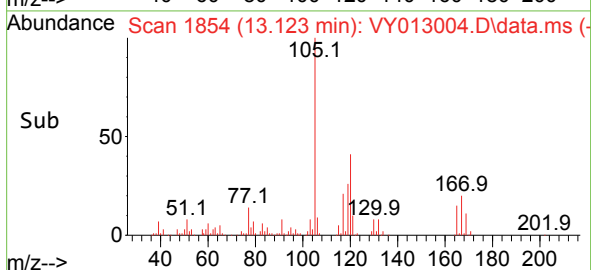
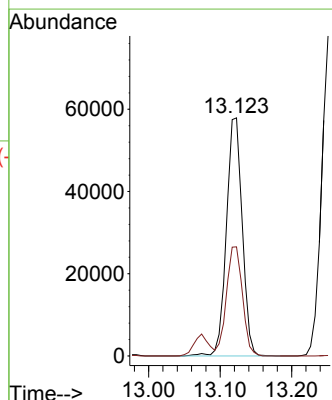
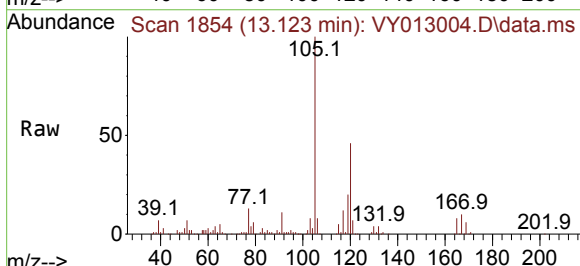
Acq: 20 Mar 2023 13:04

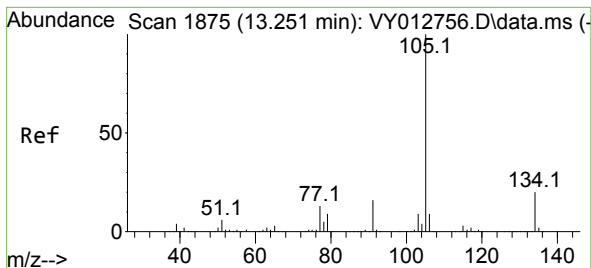
Tgt Ion:105 Resp: 88991

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.127 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

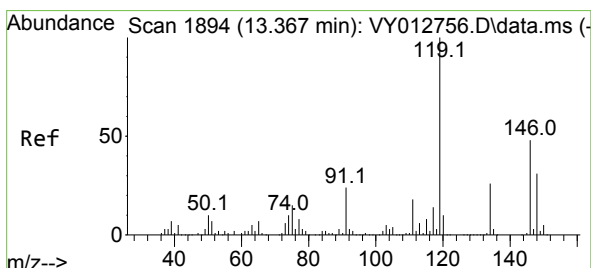
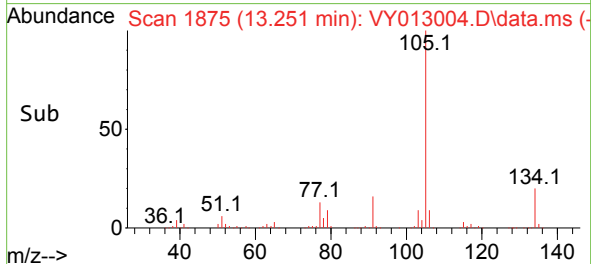
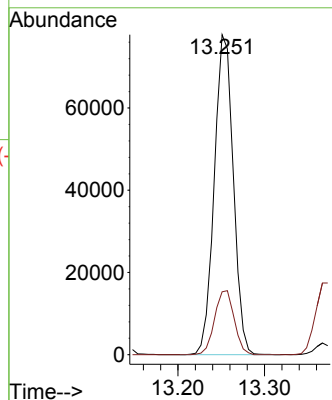
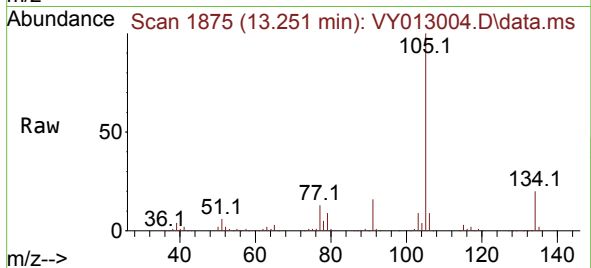
VY0320SBS01

Tgt Ion:105 Resp: 118840

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.264 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

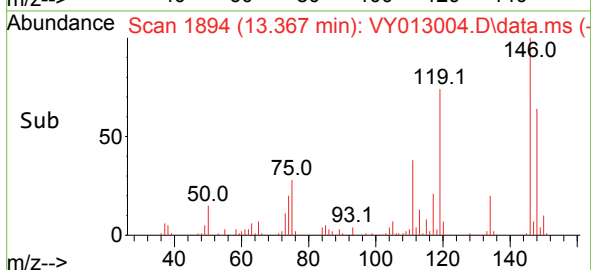
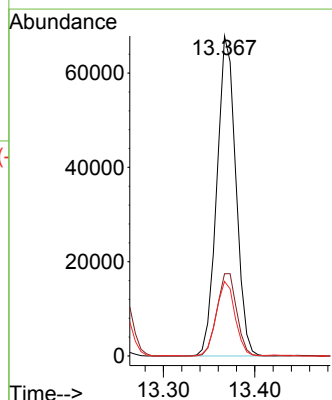
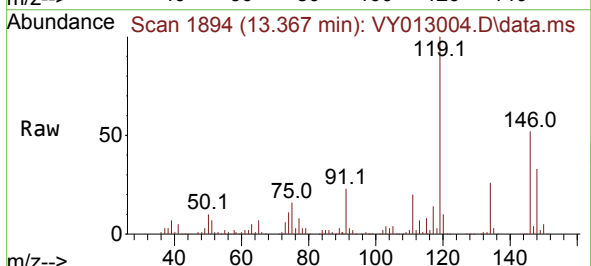
Tgt Ion:119 Resp: 97789

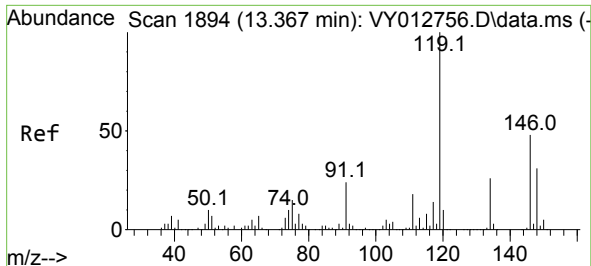
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.108 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

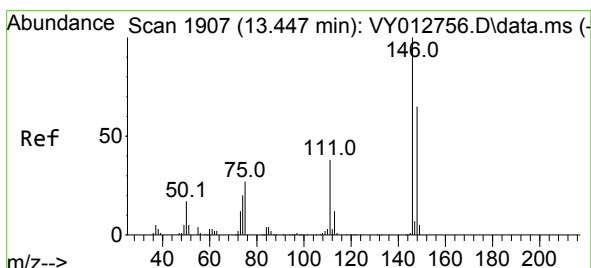
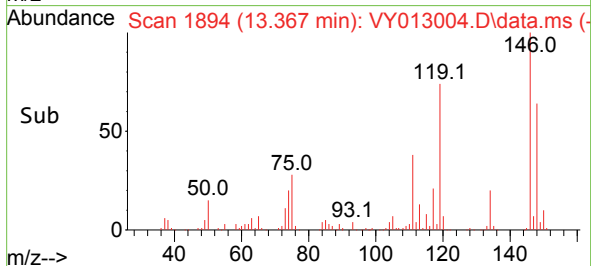
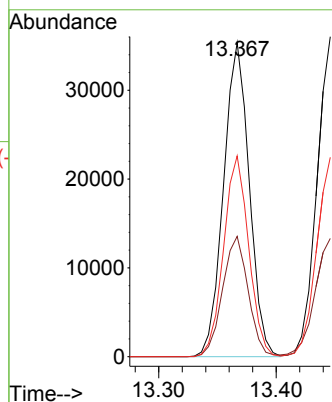
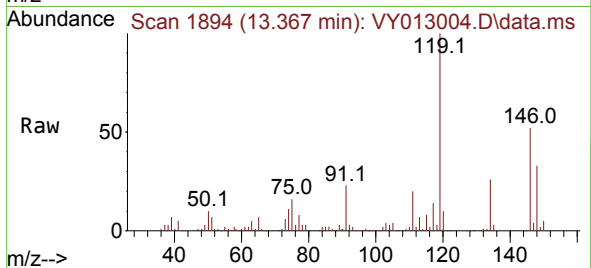
Tgt Ion:146 Resp: 53739

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

148 62.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.680 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

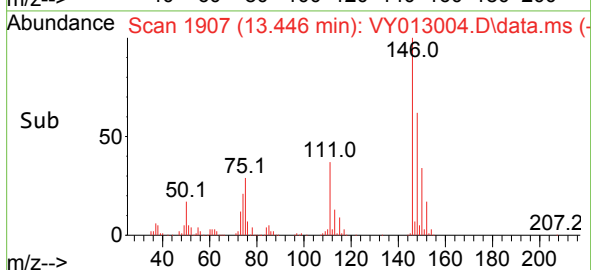
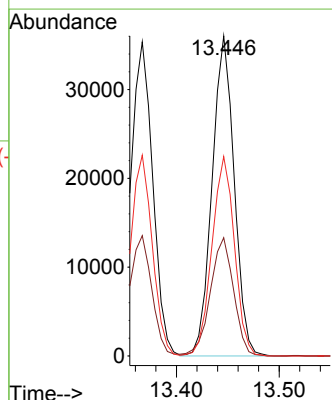
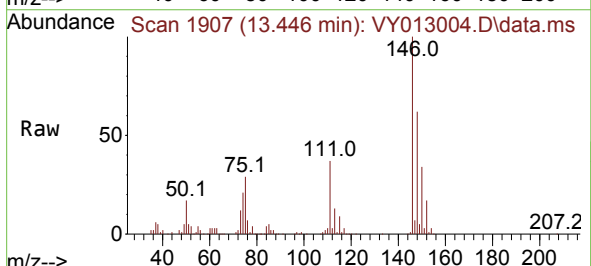
Tgt Ion:146 Resp: 53735

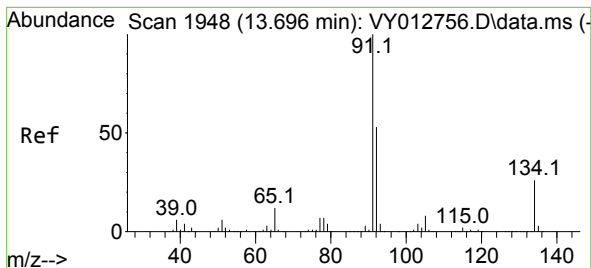
Ion Ratio Lower Upper

146 100

111 39.1 18.6 55.8

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 20.005 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

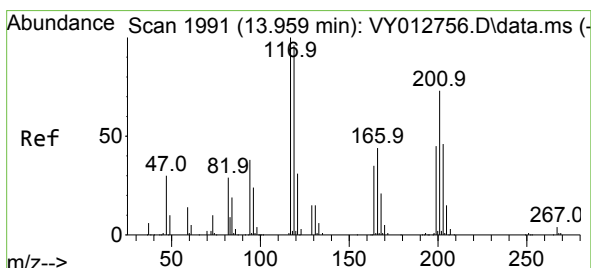
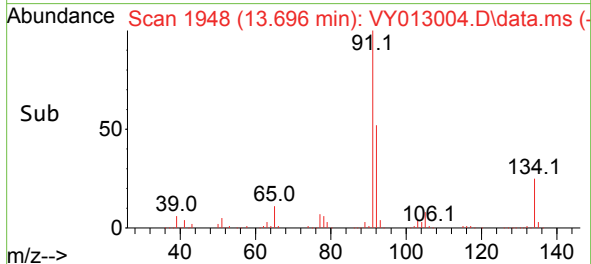
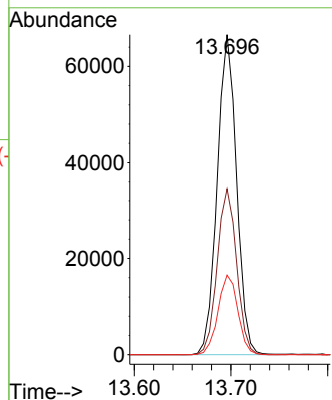
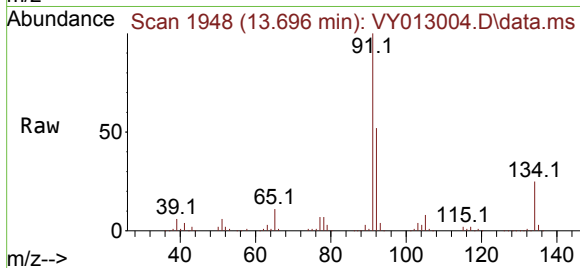
Tgt Ion: 91 Resp: 92421

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 19.934 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013004.D

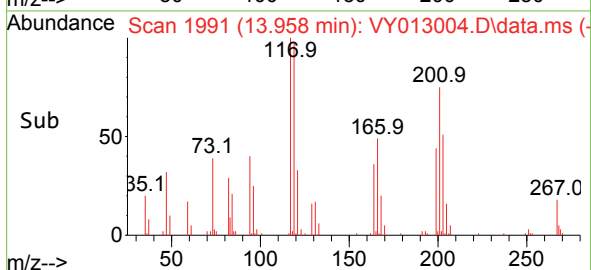
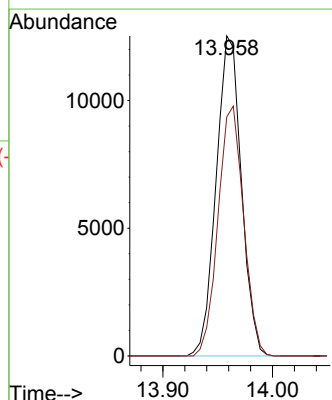
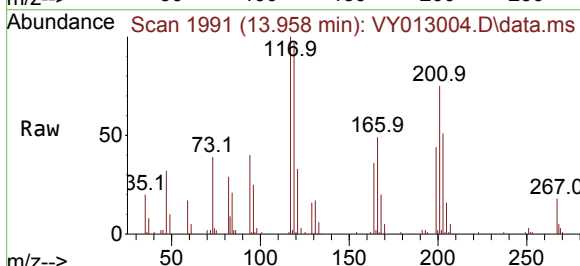
Acq: 20 Mar 2023 13:04

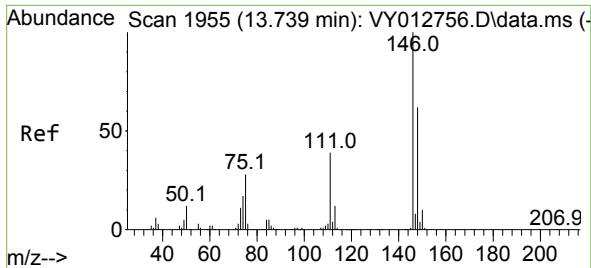
Tgt Ion: 117 Resp: 20036

Ion Ratio Lower Upper

117 100

201 78.9 39.4 118.1

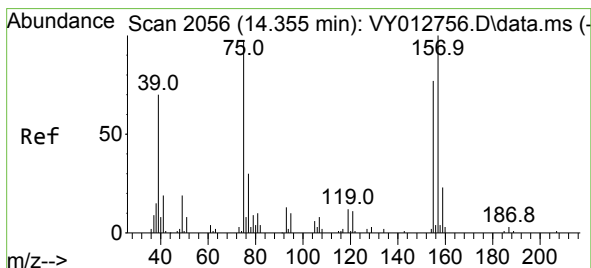
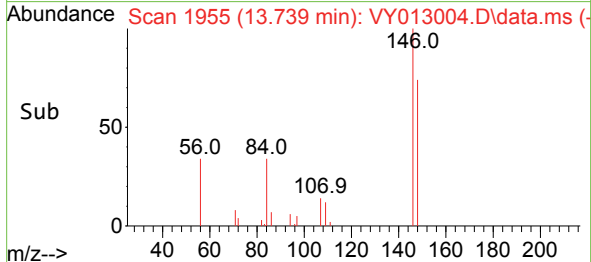
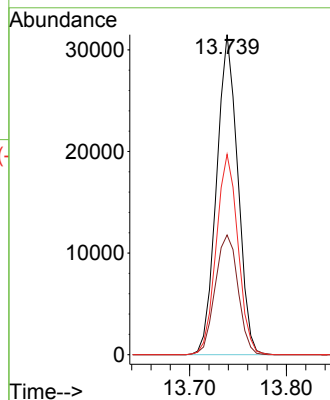
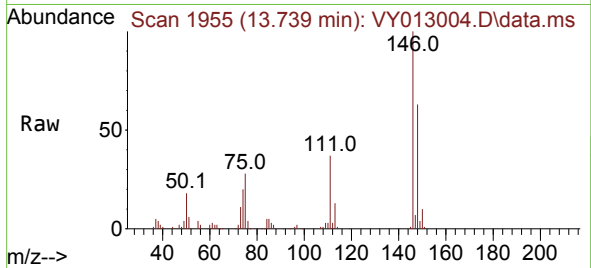




#91
1,2-Dichlorobenzene
Concen: 20.805 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

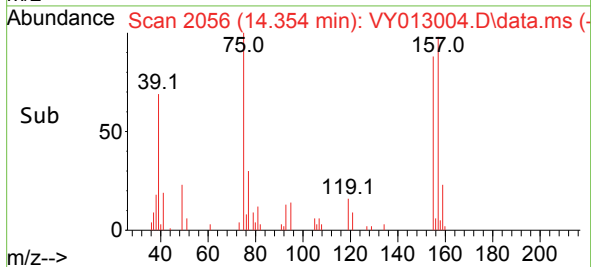
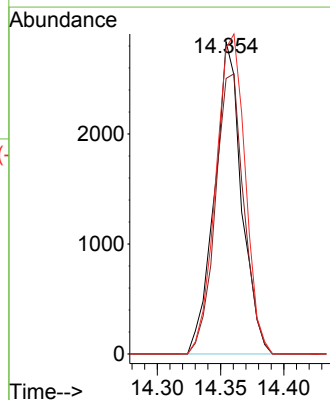
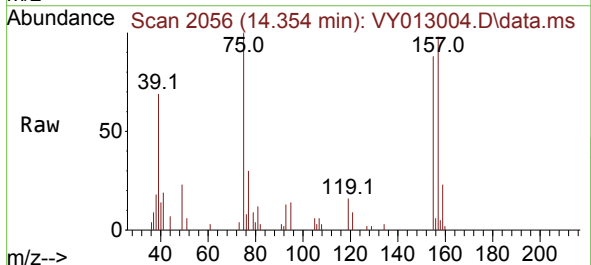
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

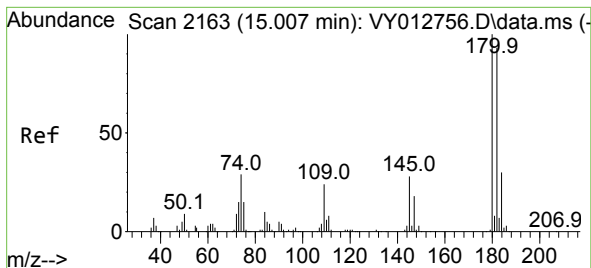
Tgt Ion:146 Resp: 47880
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.1
148 64.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.387 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
155 94.6 43.8 131.4
157 111.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.820 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

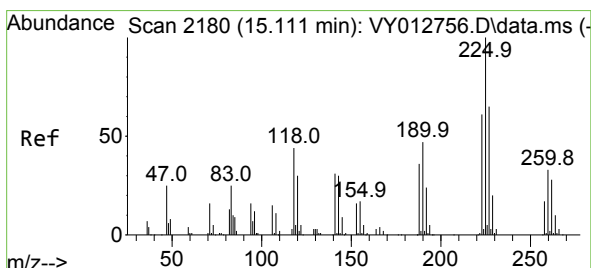
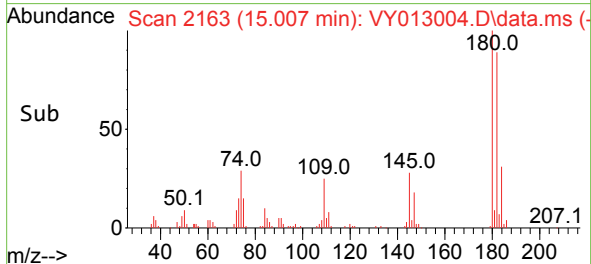
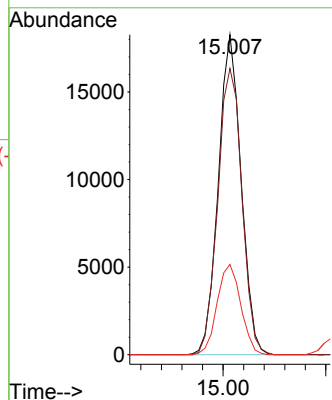
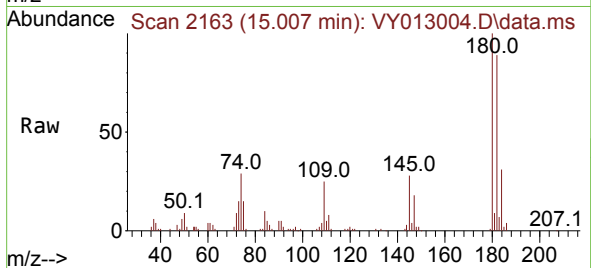
Tgt Ion:180 Resp: 28085

Ion Ratio Lower Upper

180 100

182 94.4 46.7 140.1

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.252 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013004.D

Acq: 20 Mar 2023 13:04

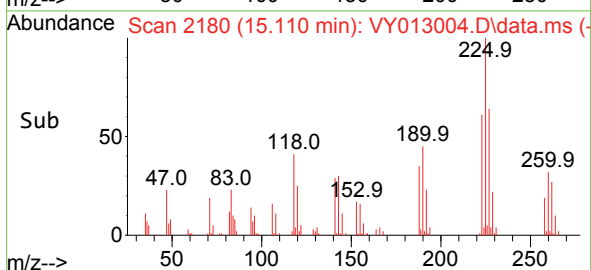
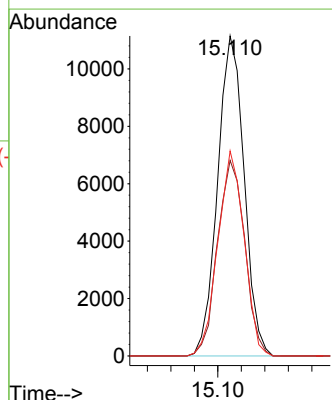
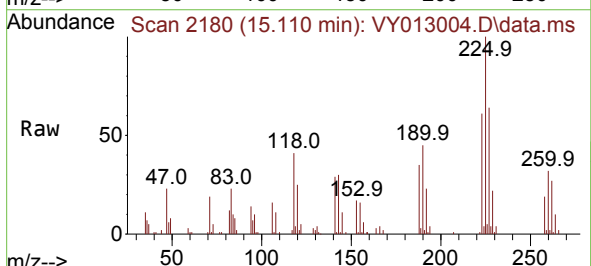
Tgt Ion:225 Resp: 17503

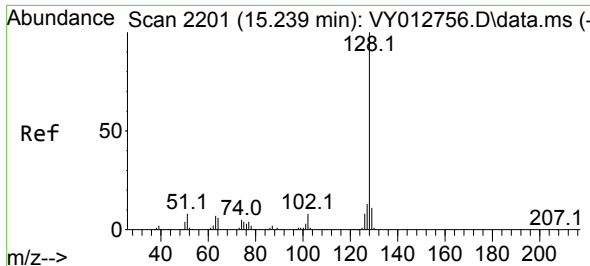
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.3

227 63.2 32.4 97.0

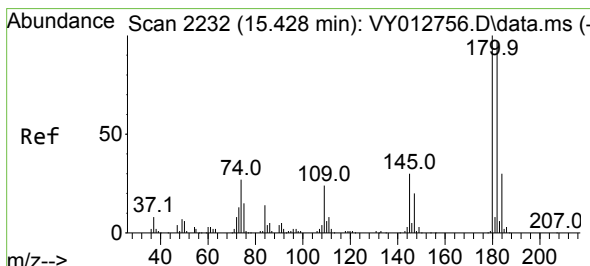
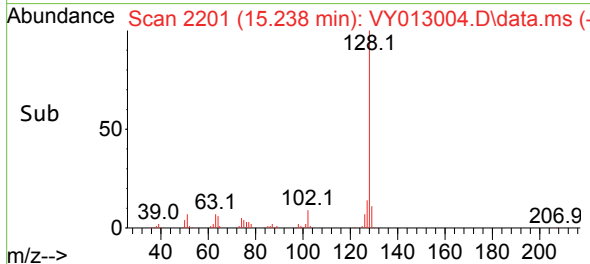
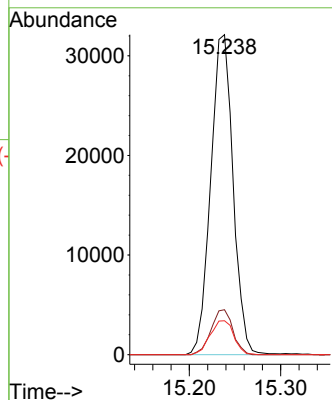
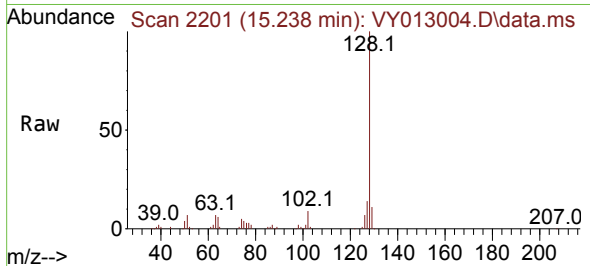




#95
Naphthalene
Concen: 19.214 ug/l
RT: 15.238 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:128	Resp:	54558
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.3 15.5
129	11.2	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.403 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY013004.D
Acq: 20 Mar 2023 13:04

Tgt Ion:180	Resp:	25713
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.4 142.3
145	30.1	15.3 45.8

