

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013110.D
 Acq On : 28 Mar 2023 12:39
 Operator : KP/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 29 02:27:02 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	99543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51210	51.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.620%	
35) Dibromofluoromethane	7.716	113	51269	55.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.179	98	156420	46.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.260%	
62) 4-Bromofluorobenzene	12.483	95	62890	54.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19477	19.851	ug/l	95
3) Chloromethane	2.113	50	21736	18.531	ug/l	99
4) Vinyl Chloride	2.253	62	21580	20.063	ug/l	100
5) Bromomethane	2.643	94	13871	21.224	ug/l	99
6) Chloroethane	2.790	64	14305	22.207	ug/l	100
7) Trichlorofluoromethane	3.125	101	38112	21.334	ug/l	95
8) Diethyl Ether	3.527	74	12443	19.876	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	22507	20.941	ug/l	99
10) Methyl Iodide	4.094	142	25651	18.317	ug/l	96
11) Tert butyl alcohol	4.948	59	12865	101.189	ug/l	96
12) 1,1-Dichloroethene	3.875	96	20198	19.704	ug/l	94
13) Acrolein	3.729	56	9420	54.402	ug/l	97
14) Allyl chloride	4.478	41	39331	20.772	ug/l	97
15) Acrylonitrile	5.161	53	35056	106.277	ug/l	99
16) Acetone	3.942	43	41041	105.795	ug/l	97
17) Carbon Disulfide	4.192	76	61287	17.565	ug/l	100
18) Methyl Acetate	4.478	43	25418	22.002	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	55197	20.847	ug/l	99
20) Methylene Chloride	4.716	84	29686	22.077	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	22979	20.628	ug/l	96
22) Diisopropyl ether	6.118	45	79282	23.053	ug/l	96
23) Vinyl Acetate	6.057	43	229885	107.579	ug/l	99
24) 1,1-Dichloroethane	6.009	63	44104	22.505	ug/l	99
25) 2-Butanone	6.984	43	51465	107.111	ug/l	96
26) 2,2-Dichloropropane	6.984	77	38204	21.949	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25707	21.525	ug/l	98
28) Bromochloromethane	7.332	49	16170	22.578	ug/l	92
29) Tetrahydrofuran	7.350	42	30879	106.557	ug/l	97
30) Chloroform	7.502	83	42821	22.121	ug/l	98
31) Cyclohexane	7.783	56	37842	19.992	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	38954	22.252	ug/l	97
36) 1,1-Dichloropropene	7.911	75	33285	21.416	ug/l	99
37) Ethyl Acetate	7.076	43	21566	22.015	ug/l	98
38) Carbon Tetrachloride	7.899	117	35740	22.268	ug/l	99
39) Methylcyclohexane	9.185	83	35447	19.184	ug/l	95
40) Benzene	8.161	78	95896	21.812	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	28937	54.828	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29736	22.497	ug/l	100
43) Isopropyl Acetate	8.270	43	37429	21.416	ug/l	99
44) Trichloroethene	8.941	130	24950	21.525	ug/l	96
45) 1,2-Dichloropropane	9.215	63	24901	22.411	ug/l	94
46) Dibromomethane	9.307	93	13995	22.109	ug/l	98
47) Bromodichloromethane	9.496	83	33615	22.535	ug/l #	98
48) Methyl methacrylate	9.295	41	16506	20.497	ug/l	96
49) 1,4-Dioxane	9.301	88	3515	429.547	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	105074	110.834	ug/l	98
52) Toluene	10.246	92	57885	21.832	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	33895	21.663	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	37598	21.230	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	19978	22.663	ug/l	99
56) Ethyl methacrylate	10.508	69	24235	20.618	ug/l	94
57) 1,3-Dichloropropane	10.788	76	34574	23.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	63590	103.054	ug/l	99
59) 2-Hexanone	10.831	43	76112	110.466	ug/l	99
60) Dibromochloromethane	10.983	129	24405	22.743	ug/l	100
61) 1,2-Dibromoethane	11.087	107	19060	22.445	ug/l	98
64) Tetrachloroethene	10.721	164	22941	22.580	ug/l	99
65) Chlorobenzene	11.514	112	63895	21.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	24846	22.927	ug/l	99
67) Ethyl Benzene	11.593	91	111401	21.635	ug/l	98
68) m/p-Xylenes	11.703	106	86094	43.463	ug/l	98
69) o-Xylene	12.032	106	41195	22.283	ug/l	96
70) Styrene	12.044	104	68748	22.284	ug/l	99
71) Bromoform	12.209	173	15191	21.499	ug/l #	98
73) Isopropylbenzene	12.331	105	108221	20.970	ug/l	100
74) N-amyl acetate	12.142	43	31564	19.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	24467	21.091	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	30795	35.414	ug/l #	100
77) Bromobenzene	12.611	156	25572	20.397	ug/l	97
78) n-propylbenzene	12.672	91	134969	21.213	ug/l	99
79) 2-Chlorotoluene	12.757	91	74316	21.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	89560	21.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8282	19.735	ug/l	98
82) 4-Chlorotoluene	12.855	91	77913	21.285	ug/l	98
83) tert-Butylbenzene	13.074	119	78596	21.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	88104	21.156	ug/l	99
85) sec-Butylbenzene	13.251	105	118411	21.115	ug/l	99
86) p-Isopropyltoluene	13.367	119	97635	21.302	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	51239	21.191	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	51905	21.033	ug/l	98
89) n-Butylbenzene	13.696	91	89947	20.500	ug/l	99
90) Hexachloroethane	13.958	117	19698	20.635	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	45602	20.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4048	21.591	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	26519	19.705	ug/l	99
94) Hexachlorobutadiene	15.111	225	16763	20.422	ug/l	97
95) Naphthalene	15.239	128	47119	17.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22501	18.799	ug/l	98

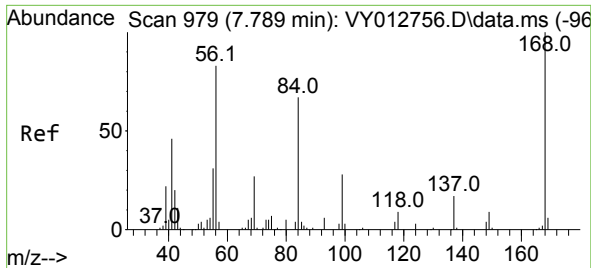
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
Data File : VY013110.D
Acq On : 28 Mar 2023 12:39
Operator : KP/MD
Sample : VY0328SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
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VY0328SBSD01

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

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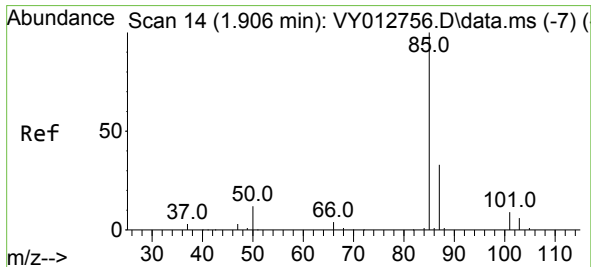
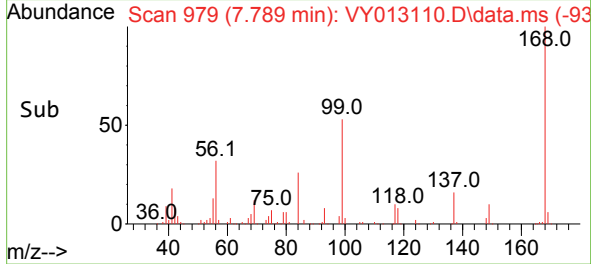
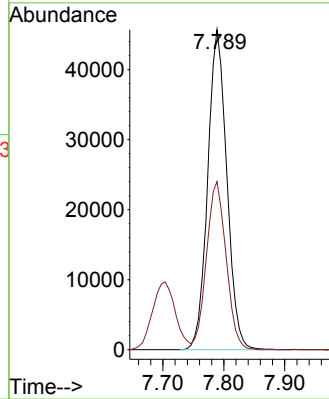
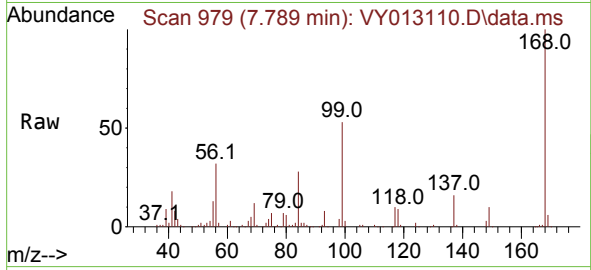
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

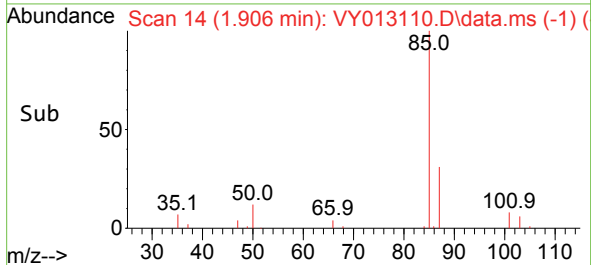
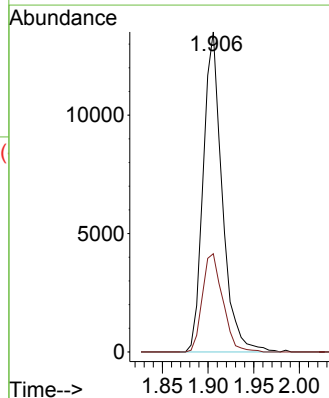
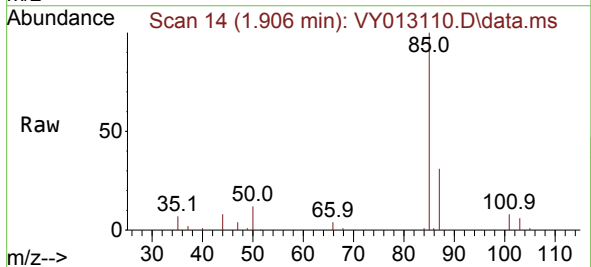
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

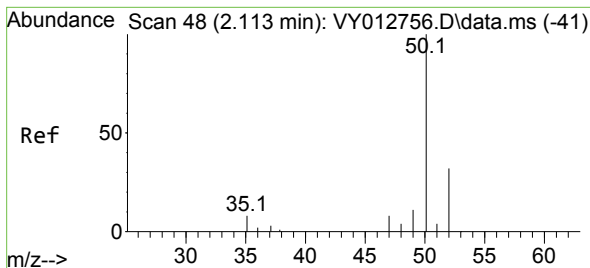
Tgt Ion:168 Resp: 99543
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.851 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 85 Resp: 19477
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0





#3

Chloromethane

Concen: 18.531 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

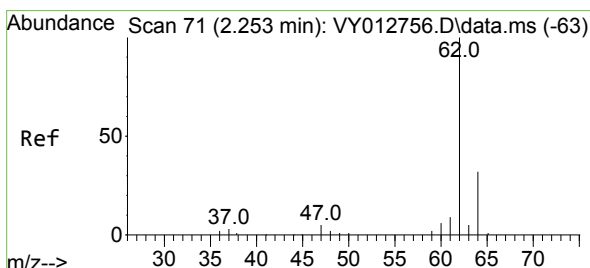
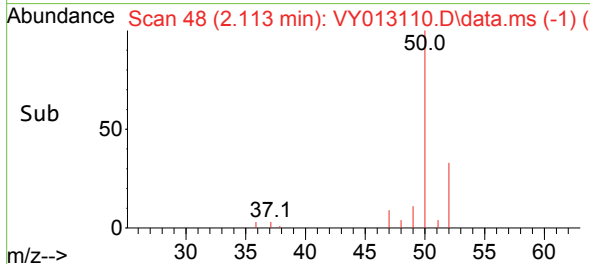
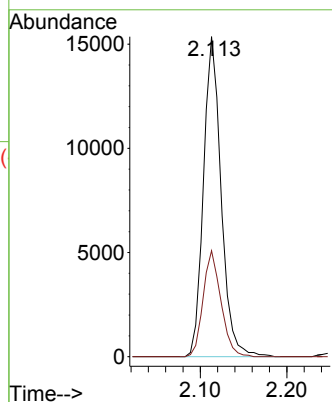
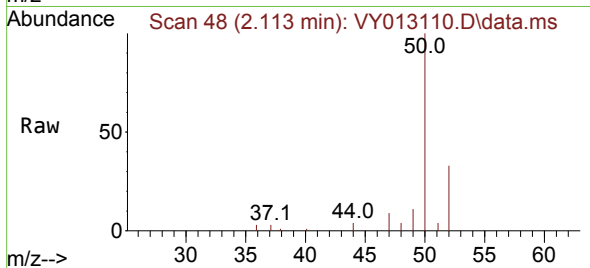
VY0328SBS01

Tgt Ion: 50 Resp: 21736

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 20.063 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013110.D

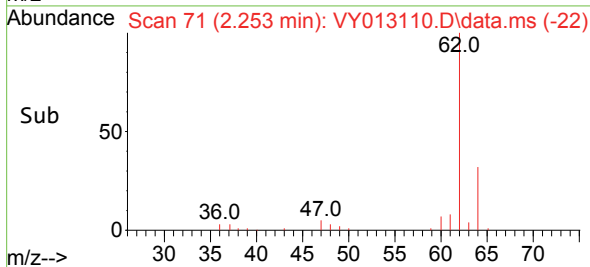
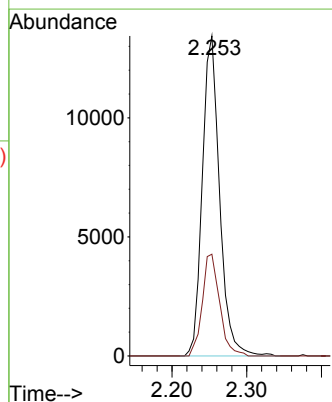
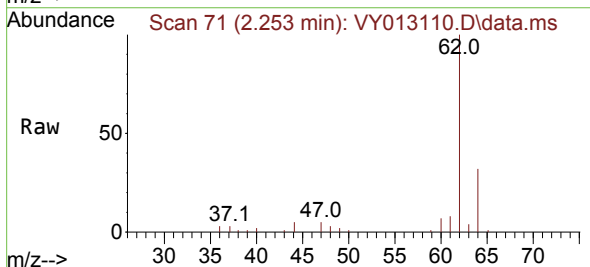
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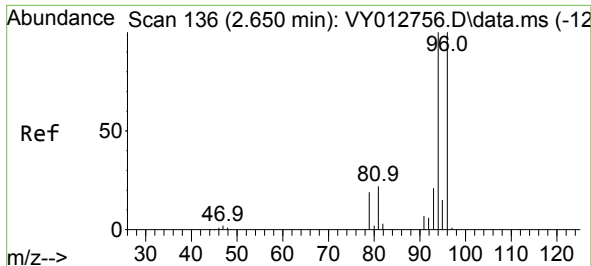
Tgt Ion: 62 Resp: 21580

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 21.224 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

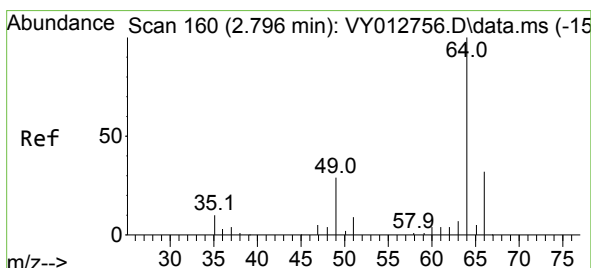
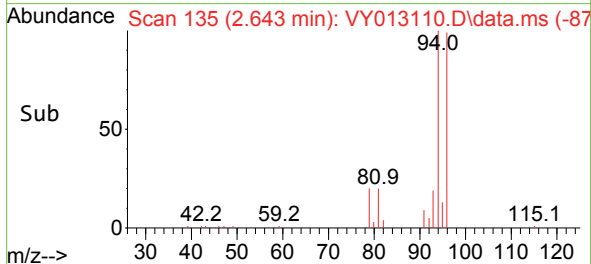
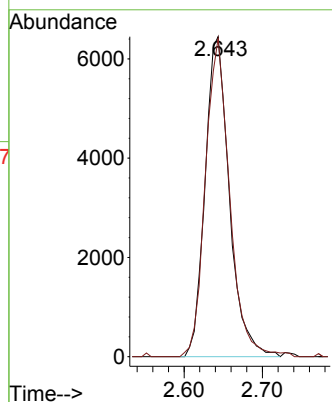
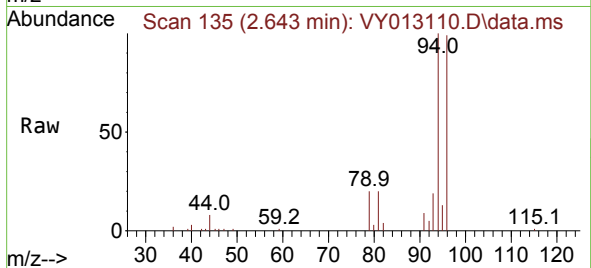
VY0328SBS01

Tgt Ion: 94 Resp: 13871

Ion Ratio Lower Upper

94 100

96 99.4 80.3 120.5



#6

Chloroethane

Concen: 22.207 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013110.D

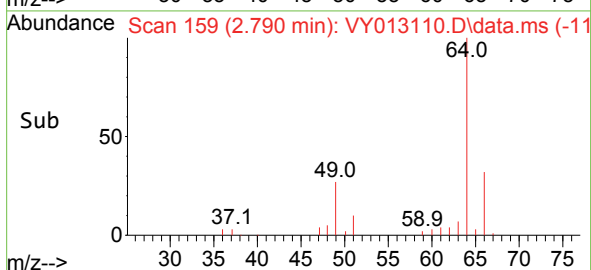
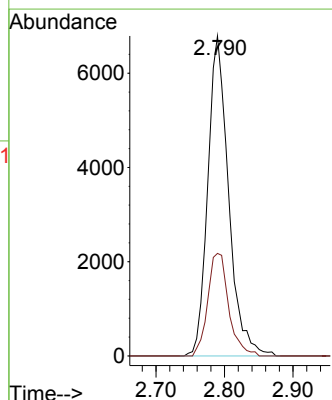
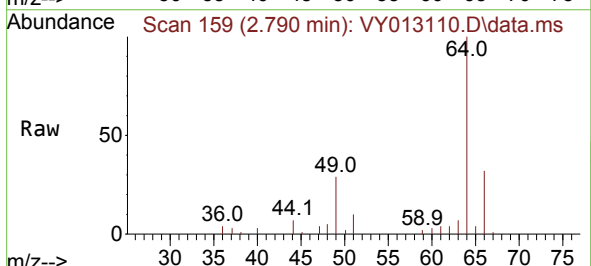
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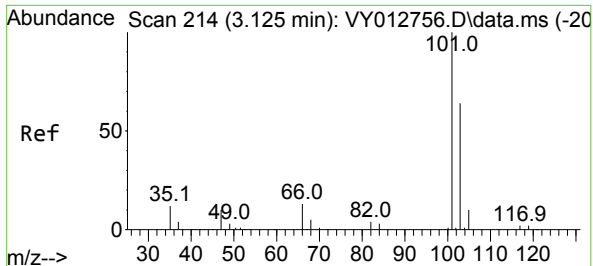
Tgt Ion: 64 Resp: 14305

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5

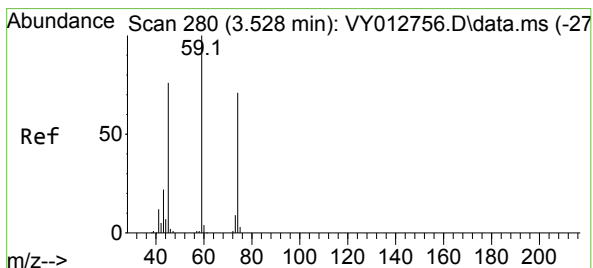
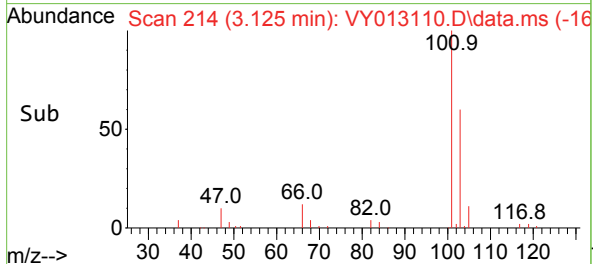
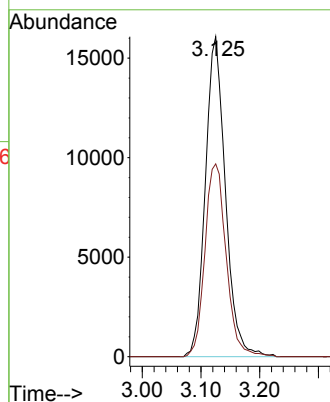
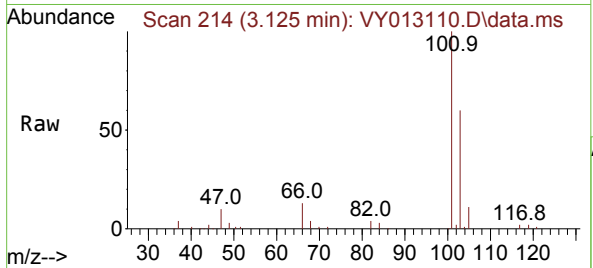




#7
 Trichlorofluoromethane
 Concen: 21.334 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

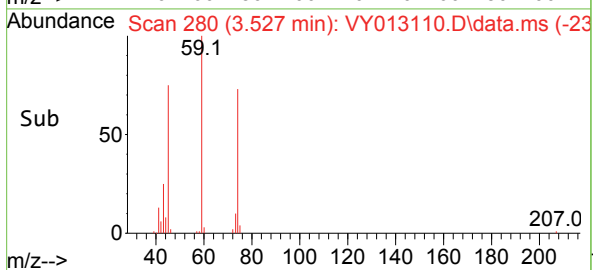
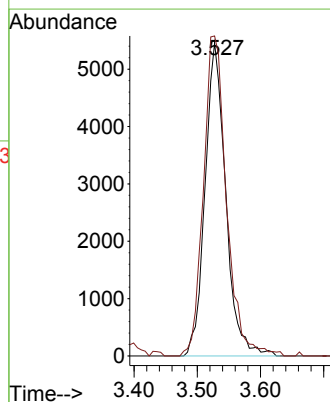
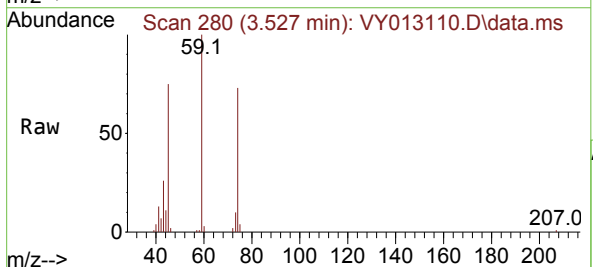
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

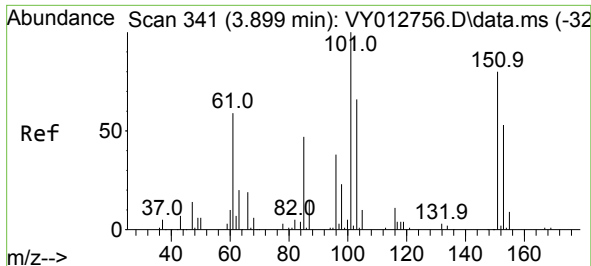
Tgt Ion:101 Resp: 38112
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.876 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

Tgt Ion: 74 Resp: 12443
 Ion Ratio Lower Upper
 74 100
 45 113.9 52.1 156.4

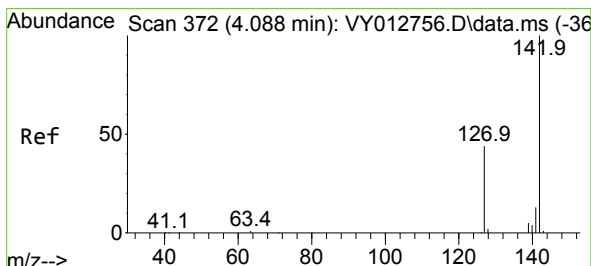
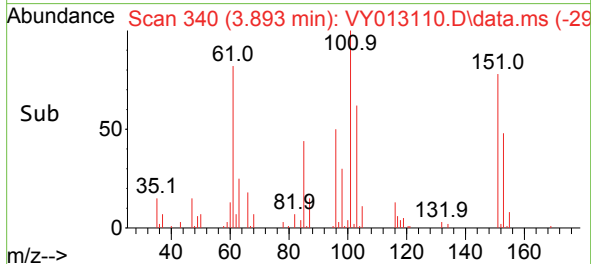
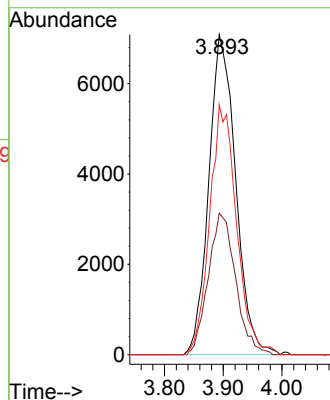
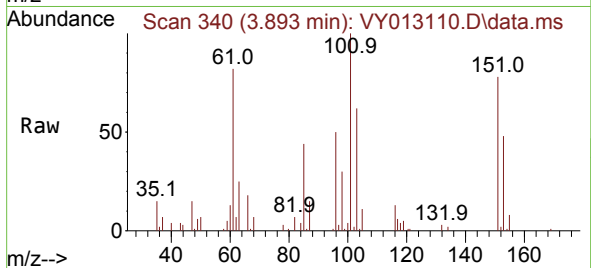




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.941 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

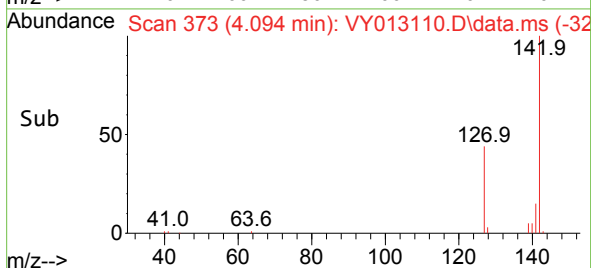
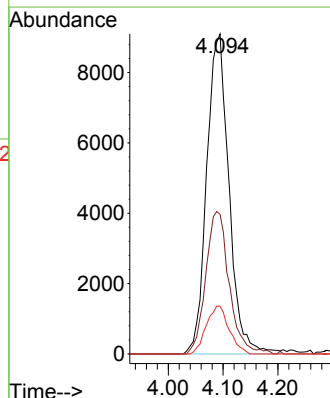
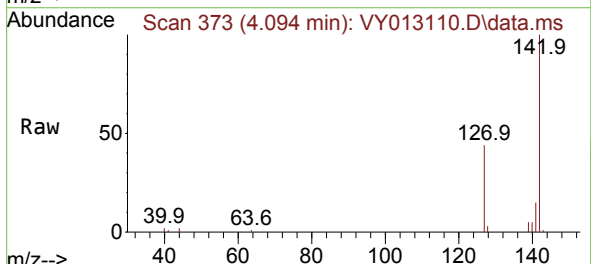
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

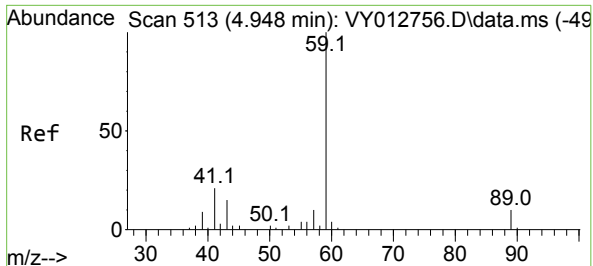
Tgt Ion:	101	Resp:	22507
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.3	52.9
151	78.3	63.1	94.7



#10
Methyl Iodide
Concen: 18.317 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:	142	Resp:	25651
Ion	Ratio	Lower	Upper
142	100		
127	46.8	35.4	53.2
141	15.3	11.3	16.9

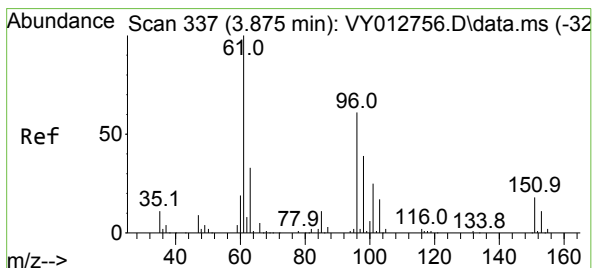
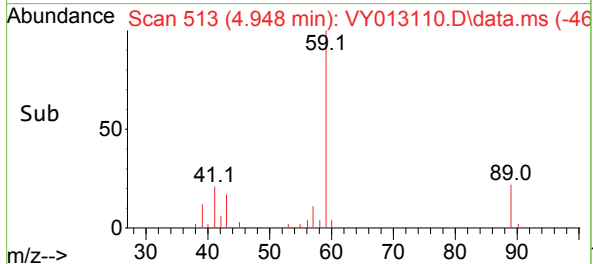
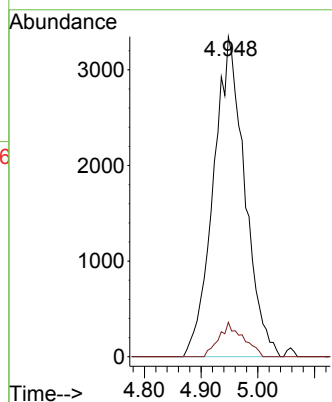
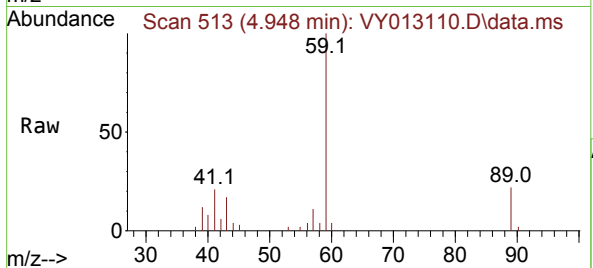




#11
Tert butyl alcohol
Concen: 101.189 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

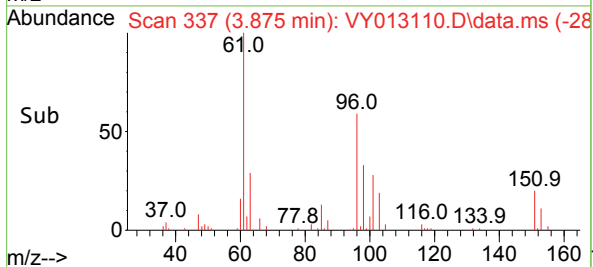
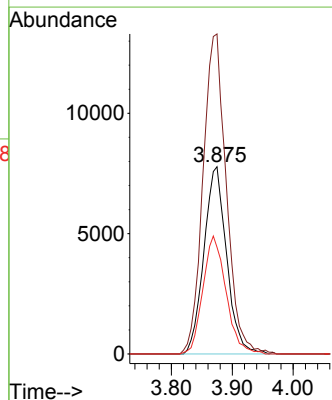
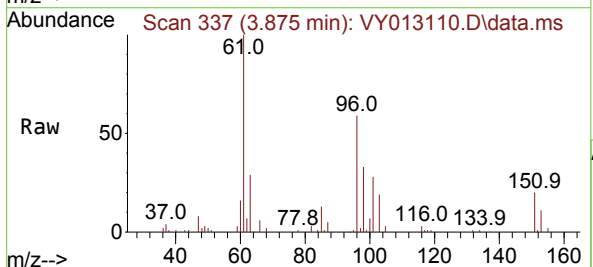
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

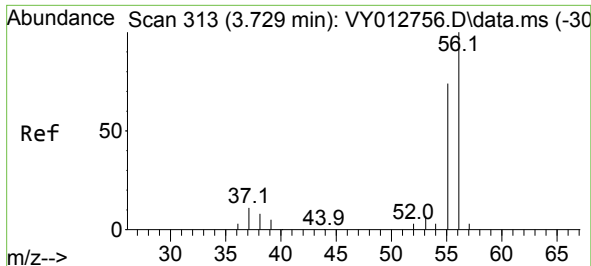
Tgt Ion: 59 Resp: 12865
Ion Ratio Lower Upper
59 100
57 8.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.704 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 96 Resp: 20198
Ion Ratio Lower Upper
96 100
61 170.9 131.7 197.5
98 57.0 52.0 78.0





#13

Acrolein

Concen: 54.402 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

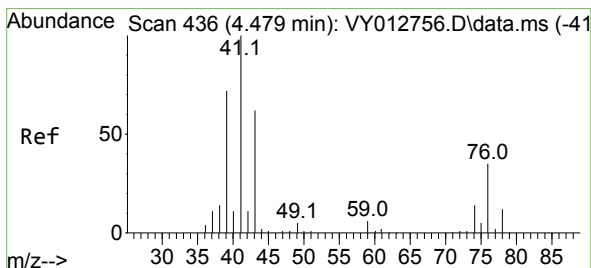
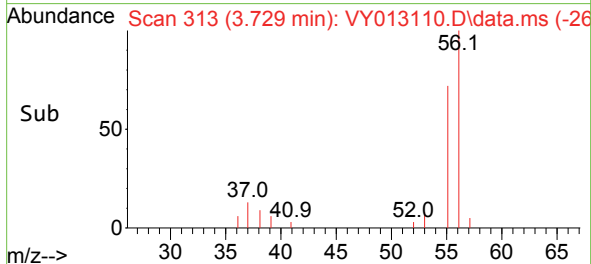
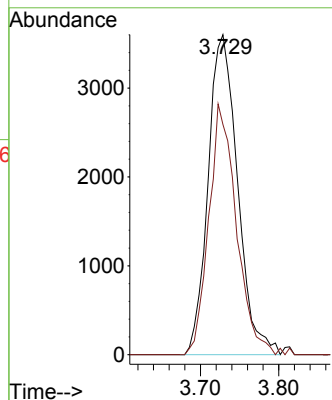
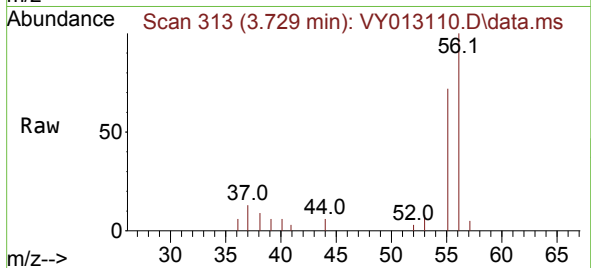
VY0328SBS01

Tgt Ion: 56 Resp: 9420

Ion Ratio Lower Upper

56 100

55 73.1 56.8 85.2



#14

Allyl chloride

Concen: 20.772 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

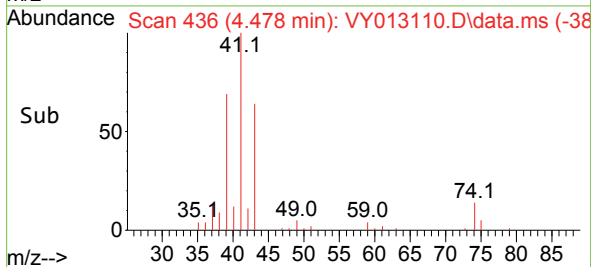
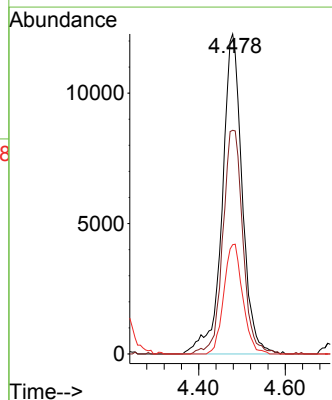
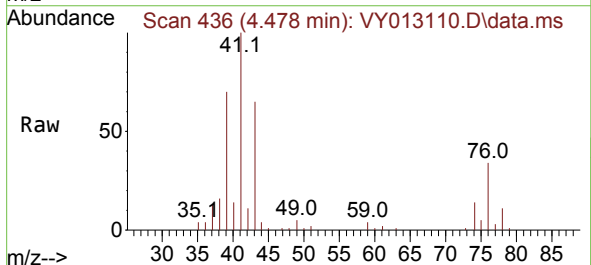
Tgt Ion: 41 Resp: 39331

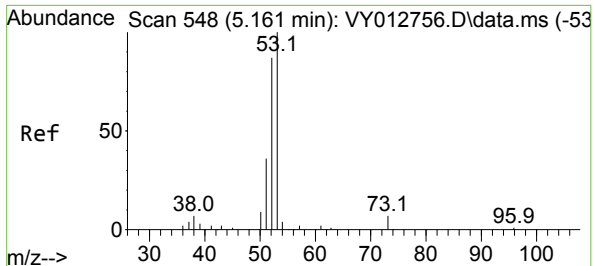
Ion Ratio Lower Upper

41 100

39 70.0 53.6 80.4

76 32.6 27.2 40.8





#15

Acrylonitrile

Concen: 106.277 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

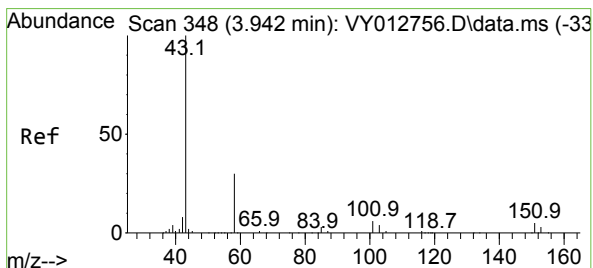
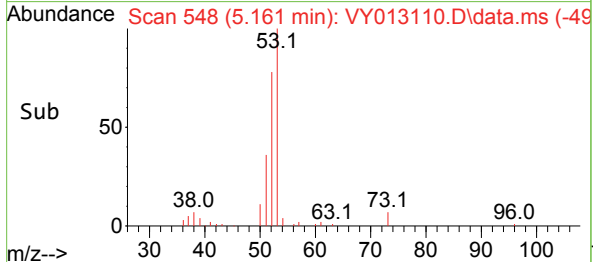
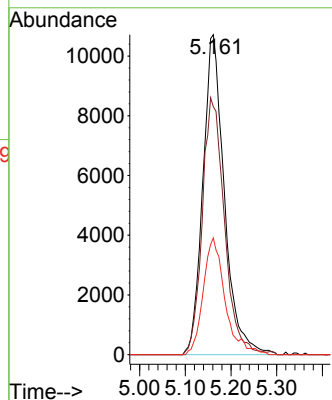
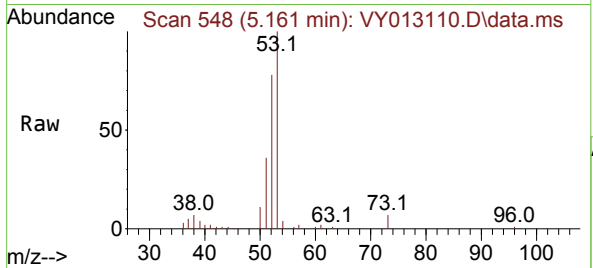
Tgt Ion: 53 Resp: 35056

Ion Ratio Lower Upper

53 100

52 82.3 66.3 99.5

51 37.1 28.8 43.2



#16

Acetone

Concen: 105.795 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY013110.D

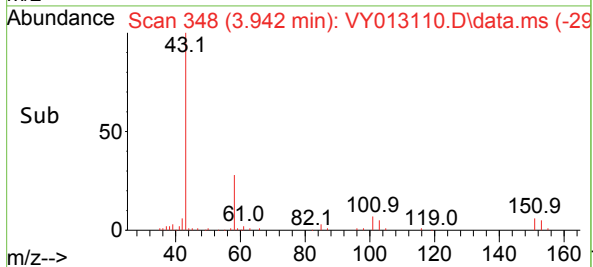
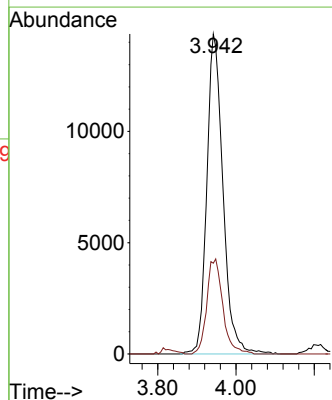
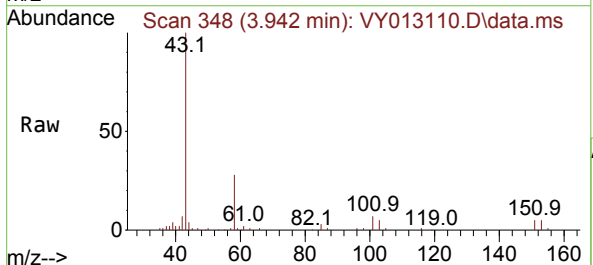
Acq: 28 Mar 2023 12:39

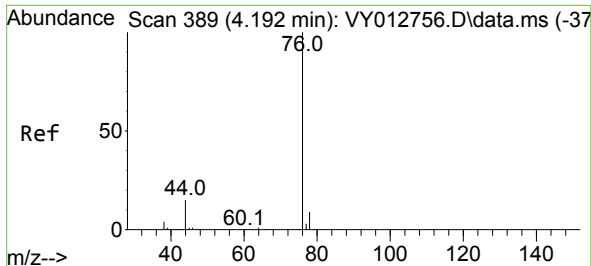
Tgt Ion: 43 Resp: 41041

Ion Ratio Lower Upper

43 100

58 28.3 24.2 36.2

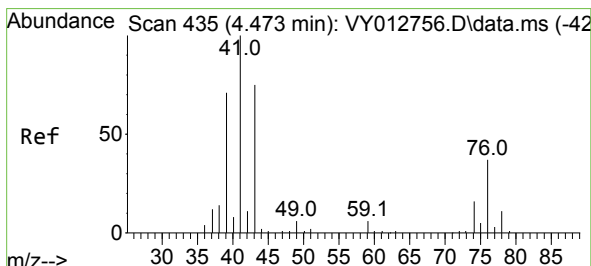
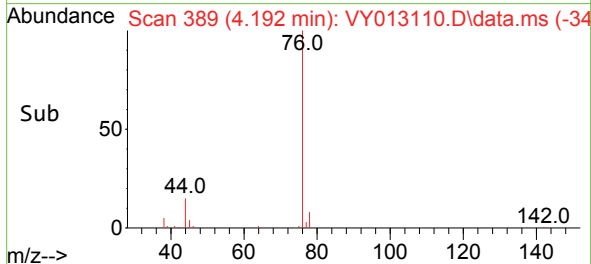
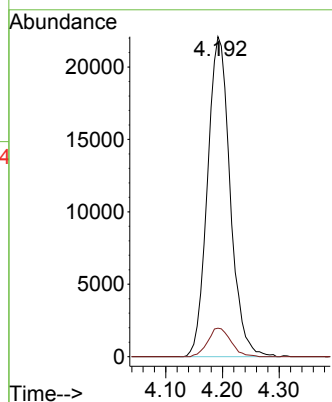
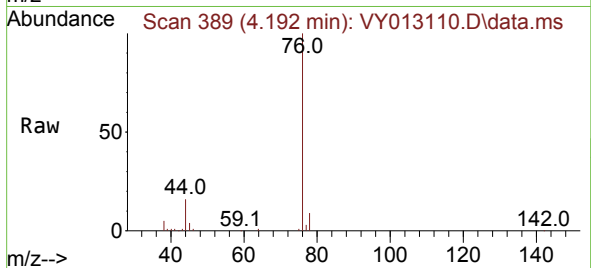




#17
Carbon Disulfide
Concen: 17.565 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

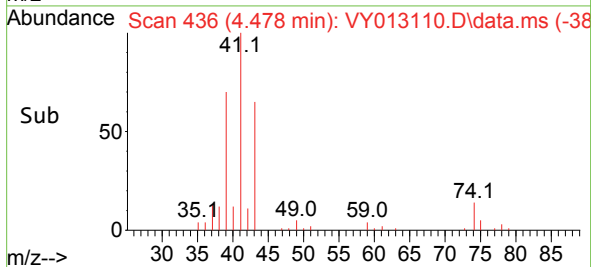
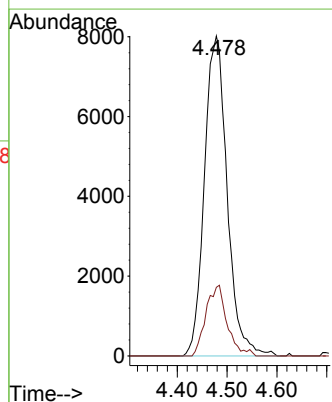
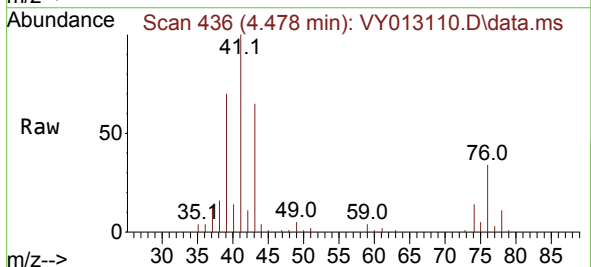
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

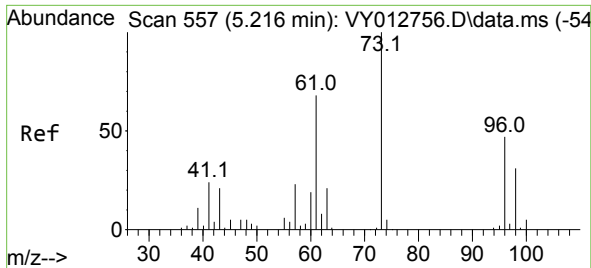
Tgt Ion: 76 Resp: 61287
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 22.002 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 43 Resp: 25418
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.0

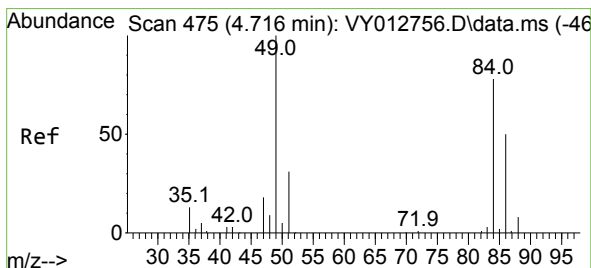
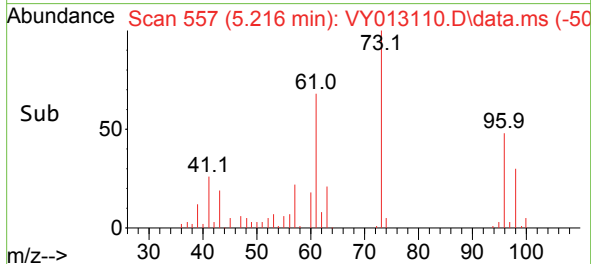
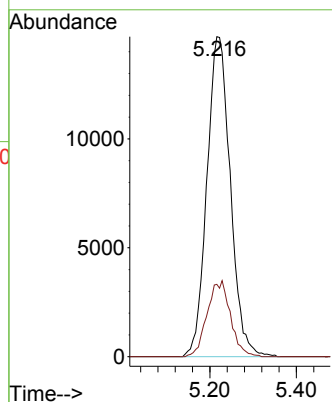
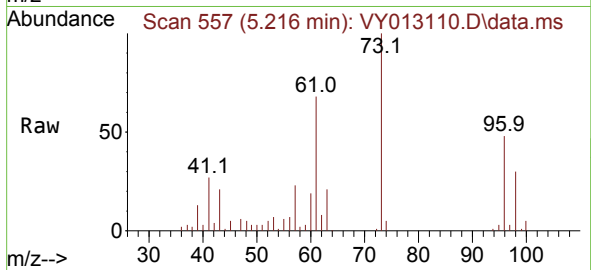




#19
Methyl tert-butyl Ether
Concen: 20.847 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

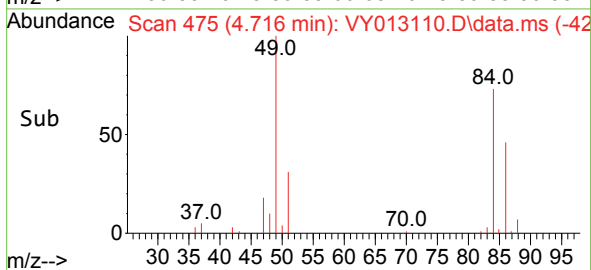
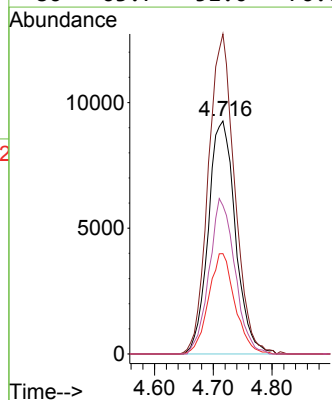
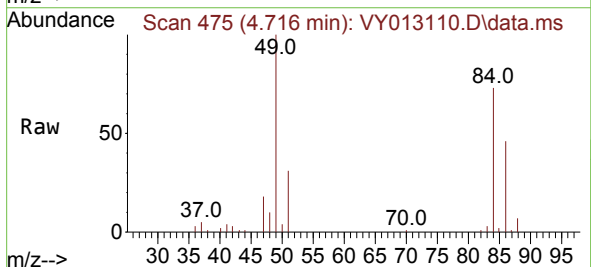
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

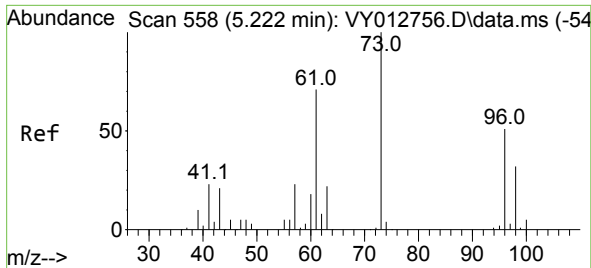
Tgt Ion: 73 Resp: 55197
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 22.077 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 84 Resp: 29686
Ion Ratio Lower Upper
84 100
49 137.4 102.6 154.0
51 43.1 31.9 47.9
86 63.7 51.0 76.6

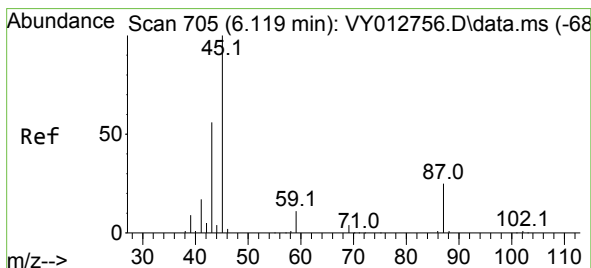
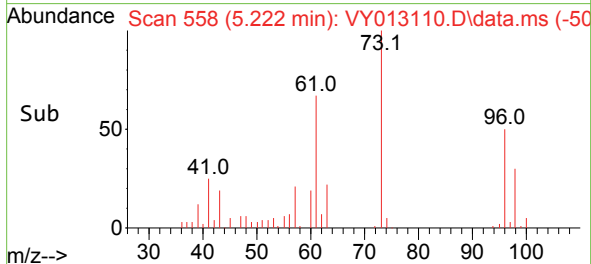
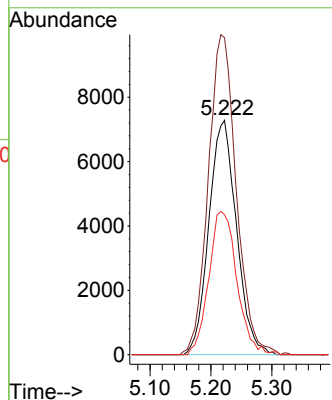
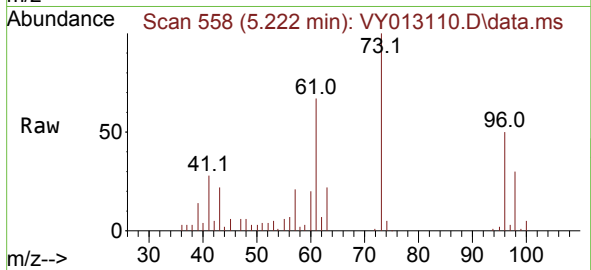




#21
trans-1,2-Dichloroethene
Concen: 20.628 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

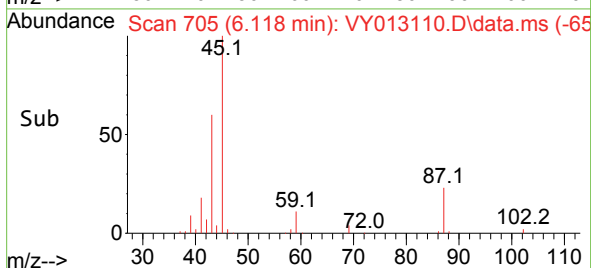
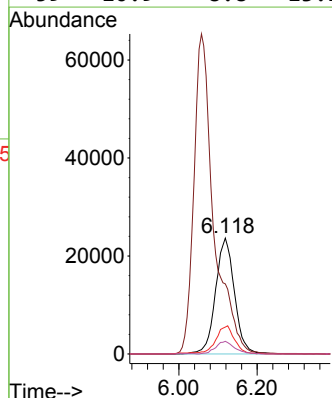
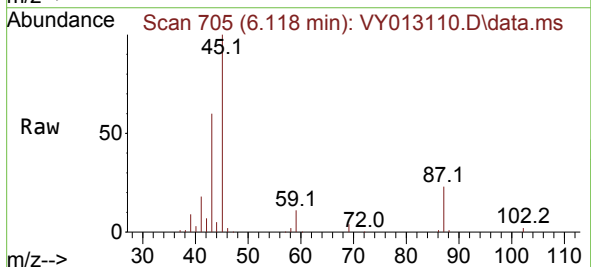
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

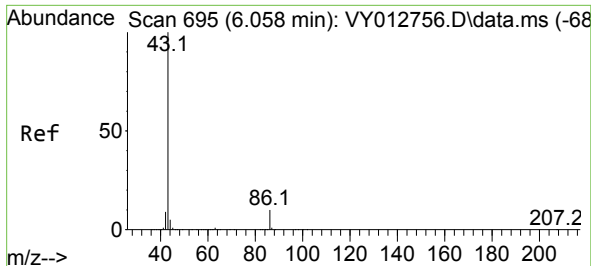
Tgt Ion: 96 Resp: 22979
Ion Ratio Lower Upper
96 100
61 135.3 111.4 167.0
98 59.7 50.8 76.2



#22
Diisopropyl ether
Concen: 23.053 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 45 Resp: 79282
Ion Ratio Lower Upper
45 100
43 60.0 45.0 67.6
87 23.2 20.3 30.5
59 10.9 8.8 13.2

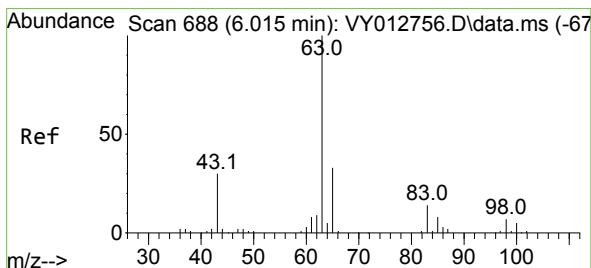
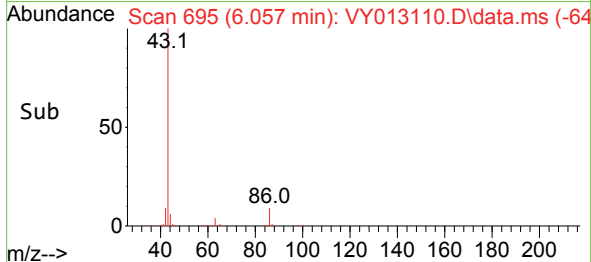
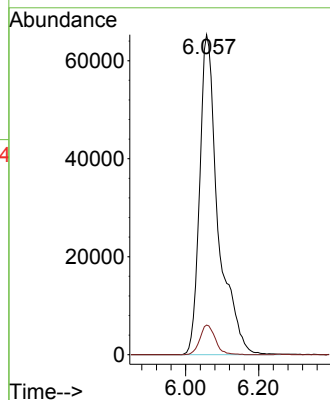
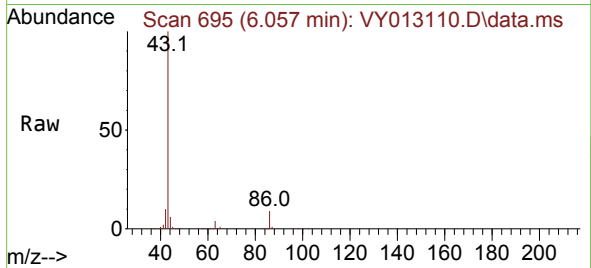




#23
 Vinyl Acetate
 Concen: 107.579 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

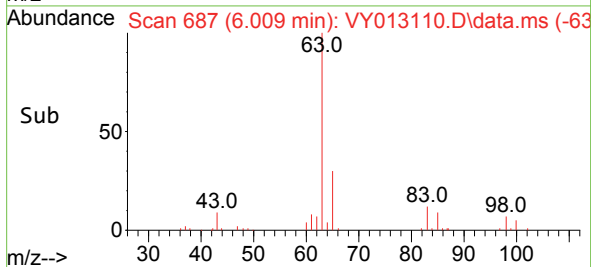
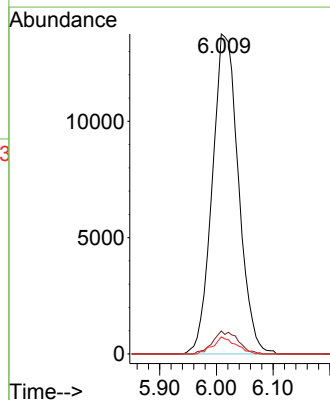
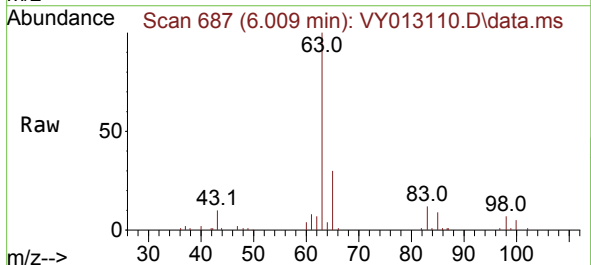
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

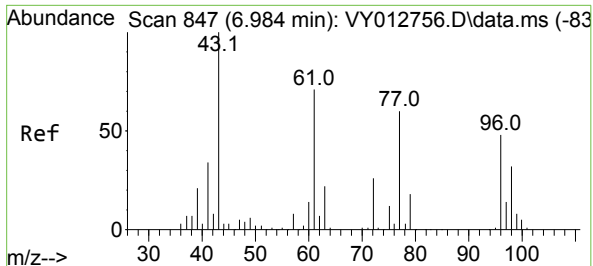
Tgt Ion: 43 Resp: 229885
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.505 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

Tgt Ion: 63 Resp: 44104
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 107.111 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

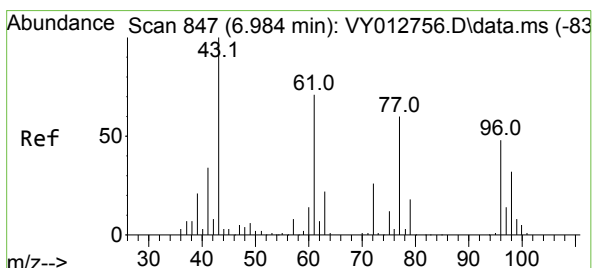
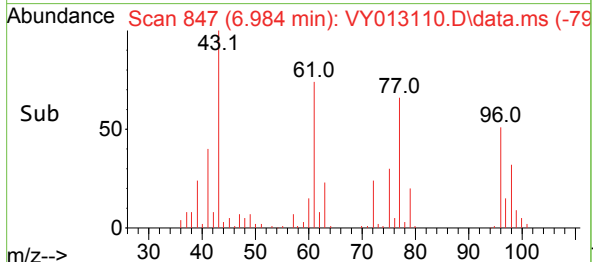
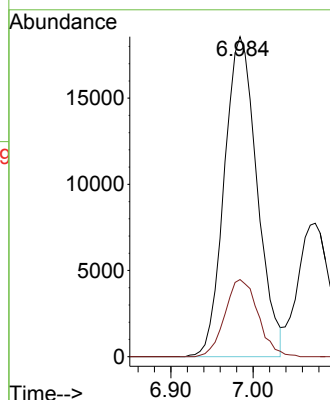
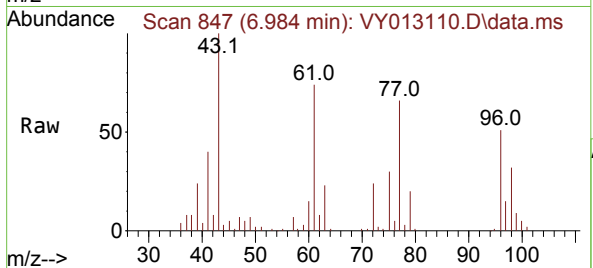
VY0328SBS01

Tgt Ion: 43 Resp: 51465

Ion Ratio Lower Upper

43 100

72 24.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.949 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013110.D

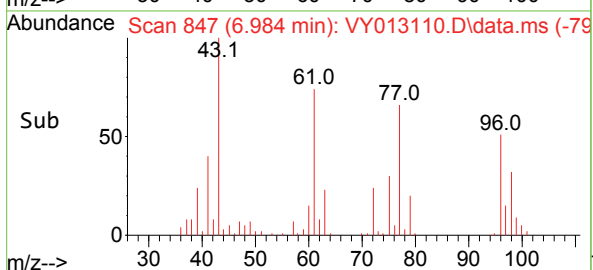
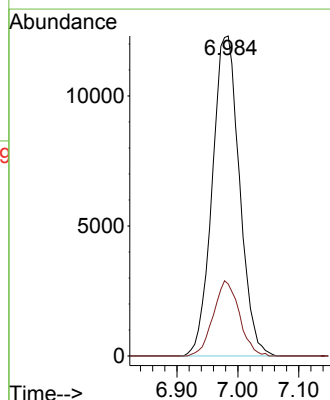
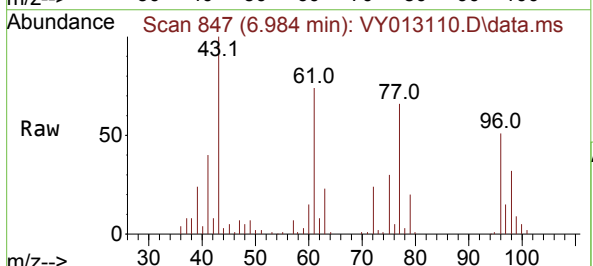
Acq: 28 Mar 2023 12:39

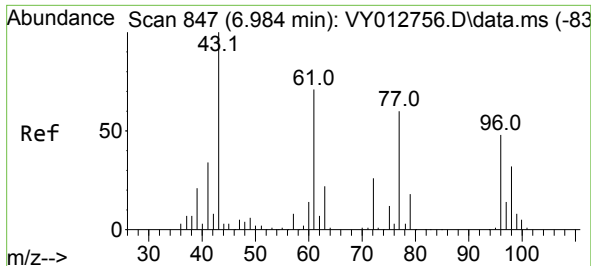
Tgt Ion: 77 Resp: 38204

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0

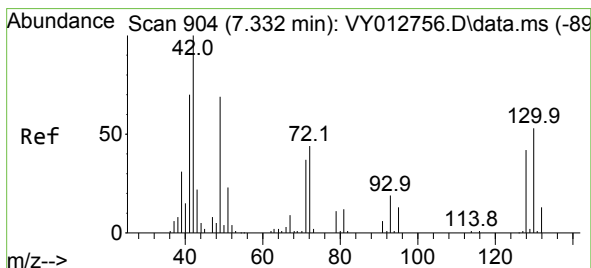
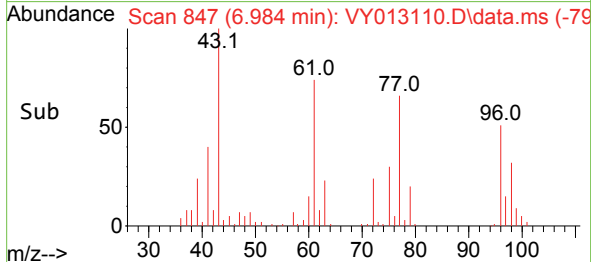
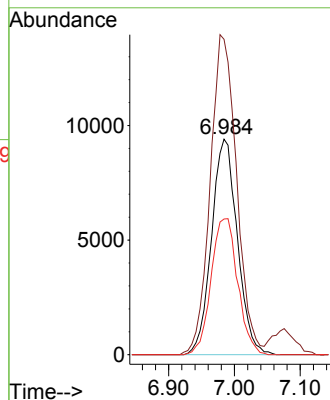
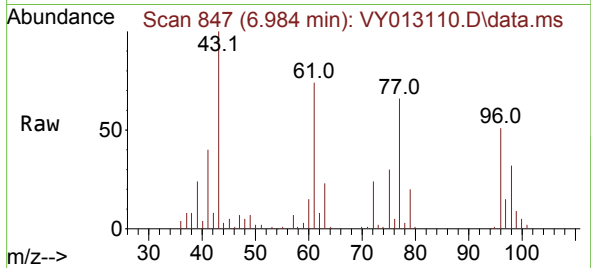




#27
 cis-1,2-Dichloroethene
 Concen: 21.525 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

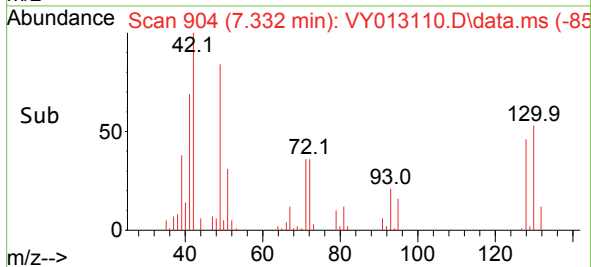
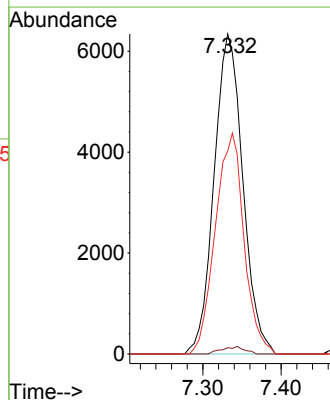
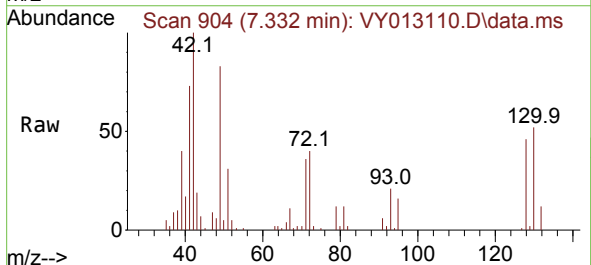
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Tgt Ion: 96 Resp: 25707
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 295.8
 98 65.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 22.578 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

Tgt Ion: 49 Resp: 16170
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 68.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 106.557 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

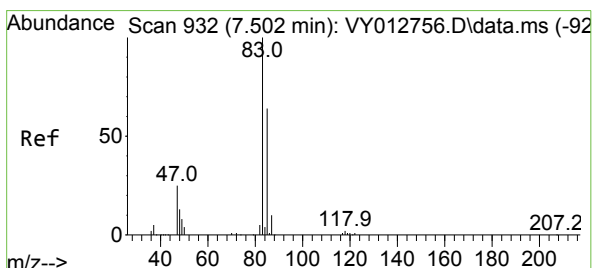
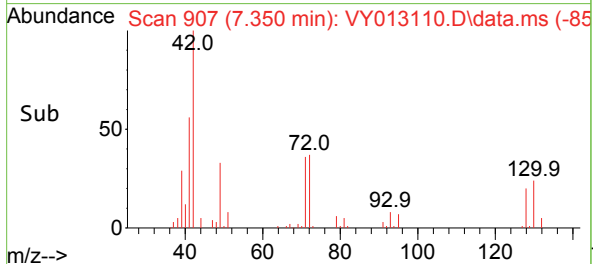
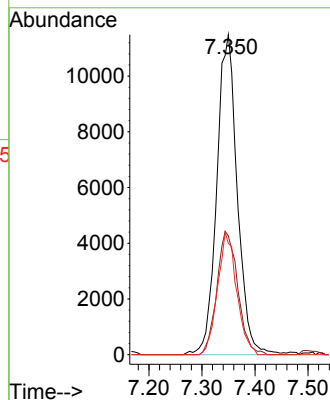
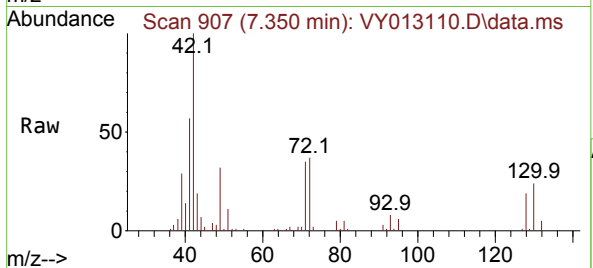
Tgt Ion: 42 Resp: 30879

Ion Ratio Lower Upper

42 100

72 39.1 32.3 48.5

71 35.6 30.3 45.5



#30

Chloroform

Concen: 22.121 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013110.D

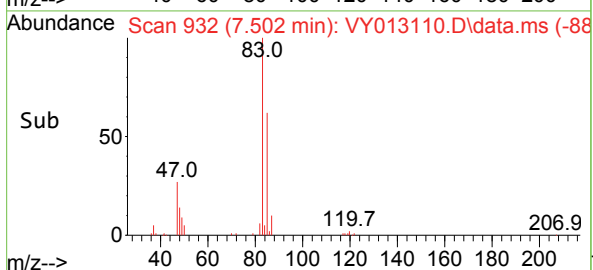
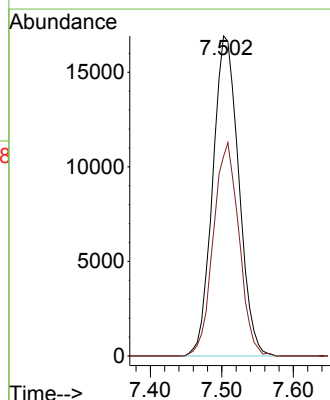
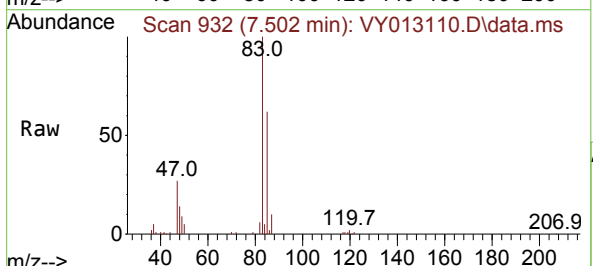
Acq: 28 Mar 2023 12:39

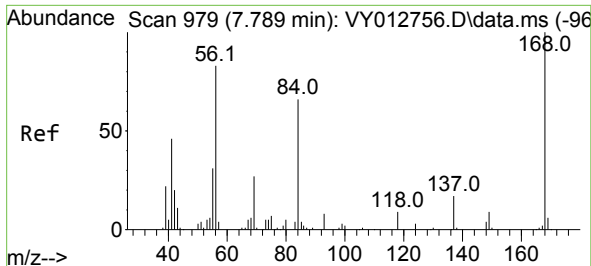
Tgt Ion: 83 Resp: 42821

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

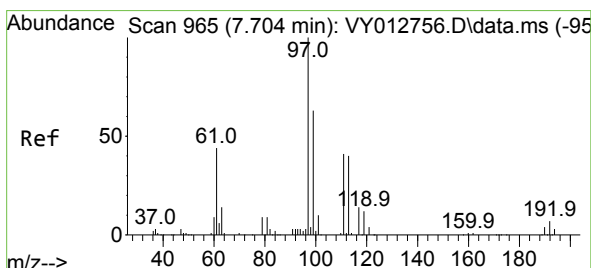
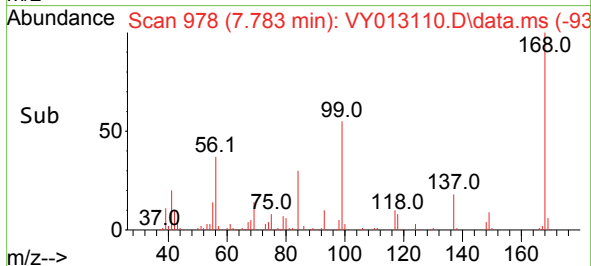
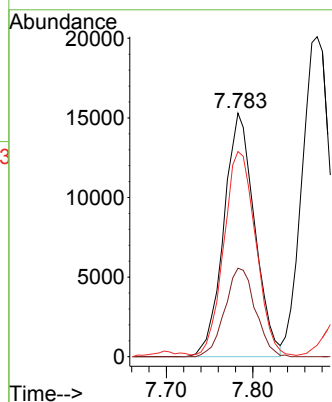
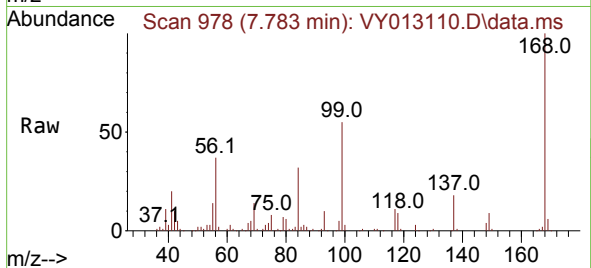




#31
Cyclohexane
Concen: 19.992 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

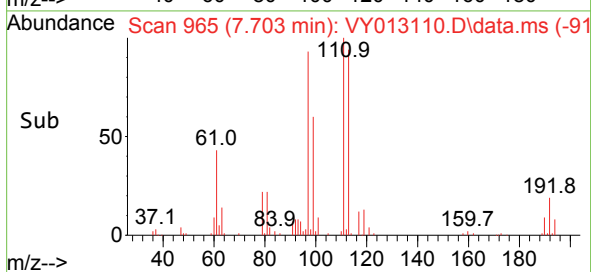
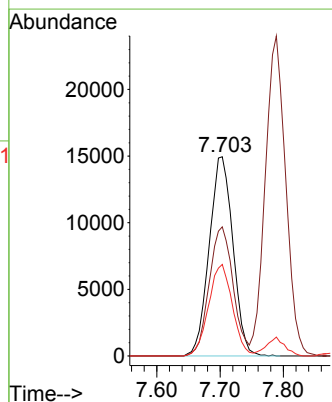
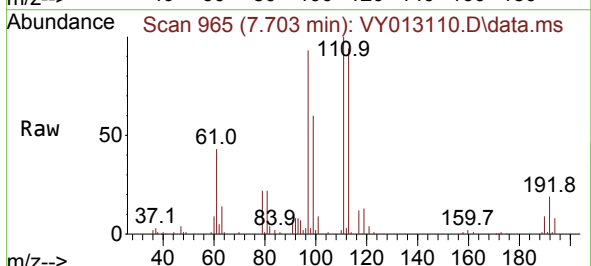
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

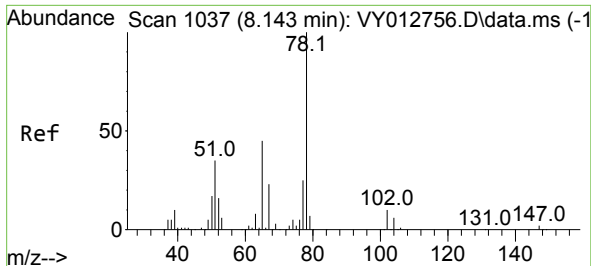
Tgt Ion: 56 Resp: 37842
Ion Ratio Lower Upper
56 100
69 36.4 25.7 38.5
84 82.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.252 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 97 Resp: 38954
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 46.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.815 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

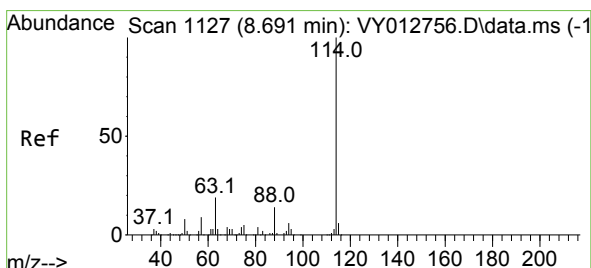
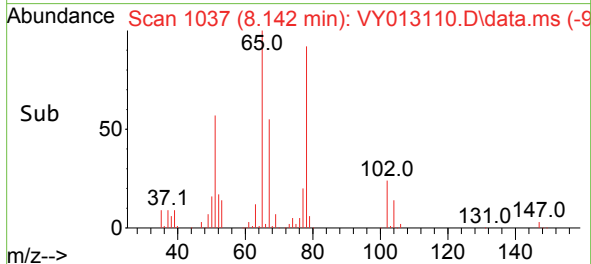
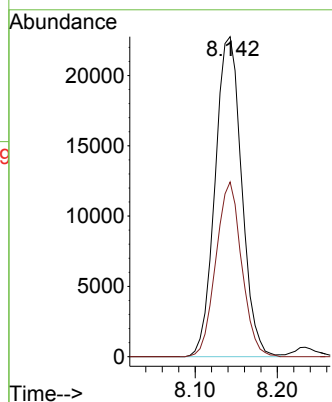
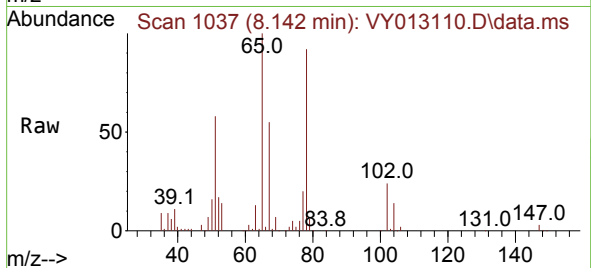
VY0328SBS01

Tgt Ion: 65 Resp: 51210

Ion Ratio Lower Upper

65 100

67 52.9 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: VY013110.D

Acq: 28 Mar 2023 12:39

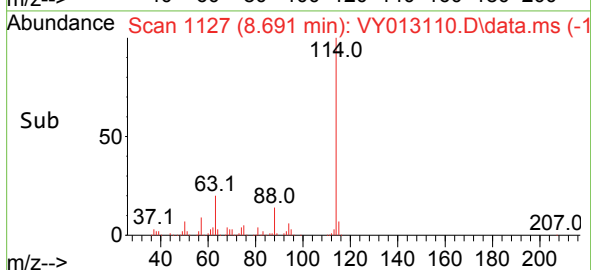
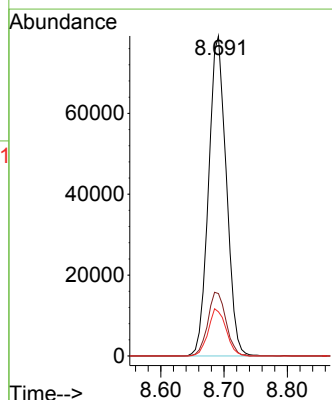
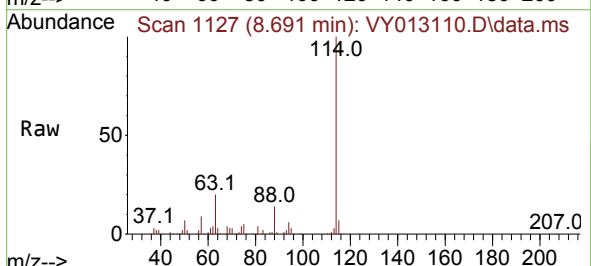
Tgt Ion:114 Resp: 153680

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 13.8 0.0 28.6

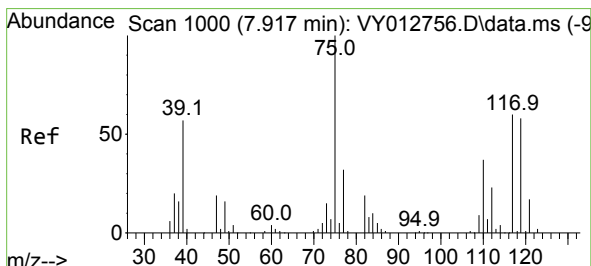
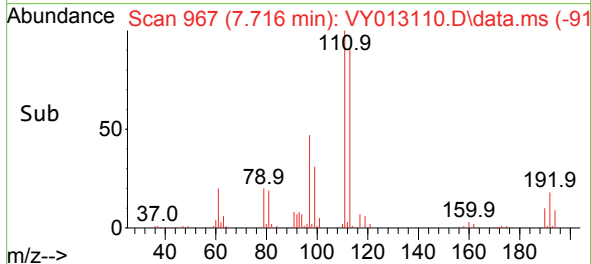
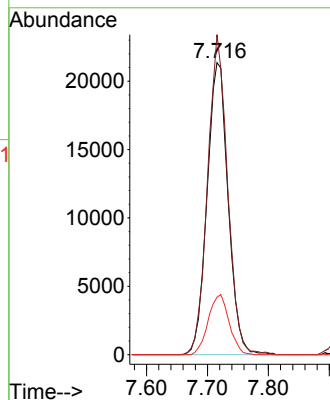
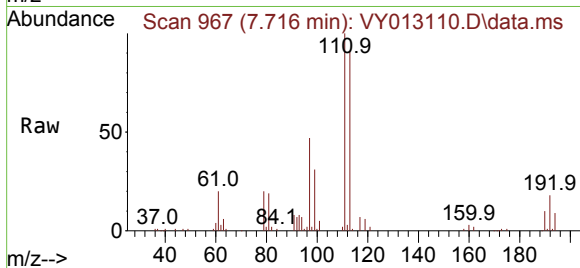




#35
Dibromofluoromethane
Concen: 55.279 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

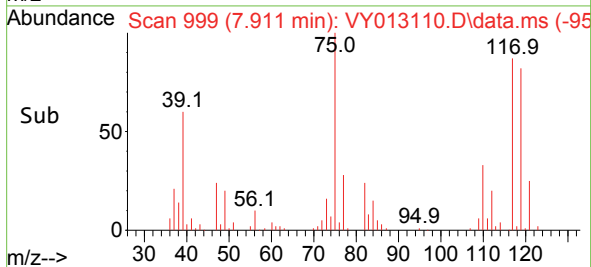
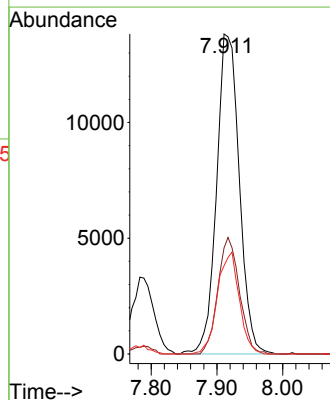
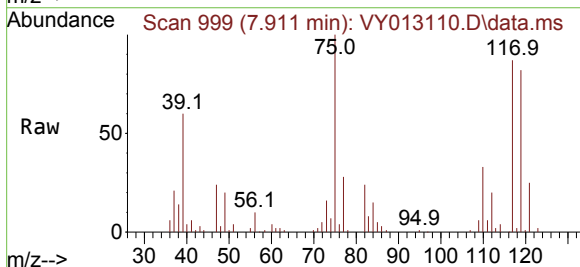
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

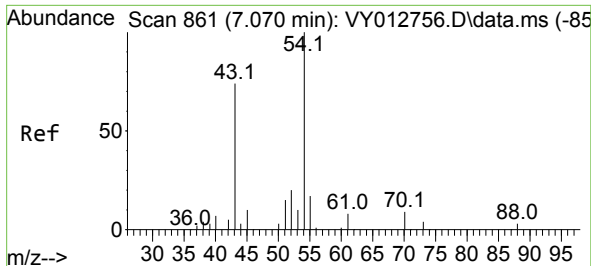
Tgt Ion:113 Resp: 51269
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.416 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 75 Resp: 33285
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 22.015 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

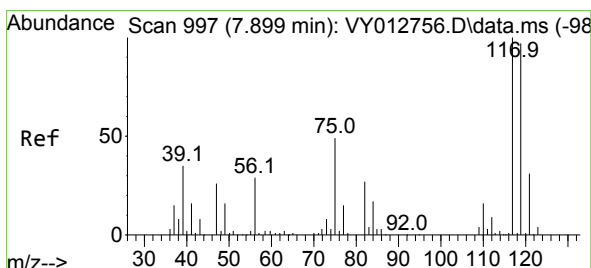
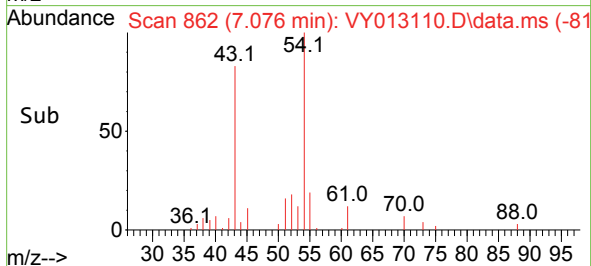
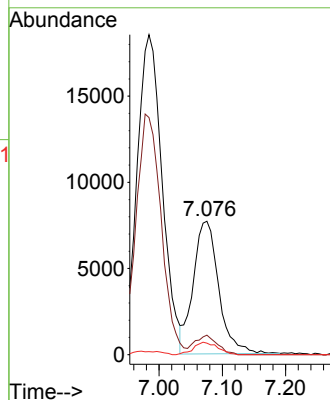
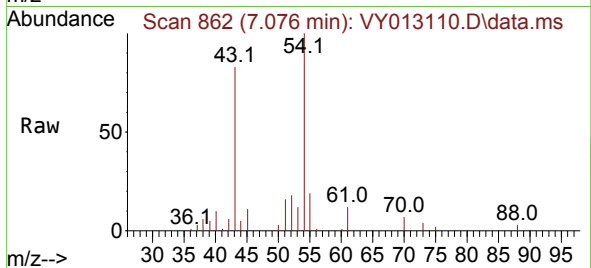
Tgt Ion: 43 Resp: 21566

Ion Ratio Lower Upper

43 100

61 12.7 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.268 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

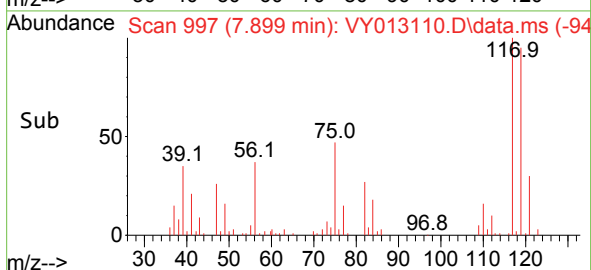
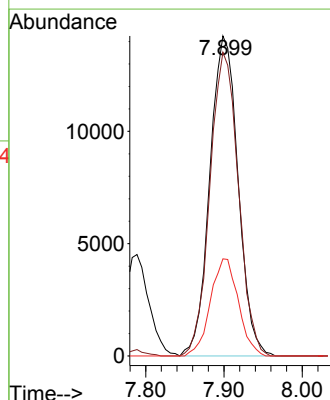
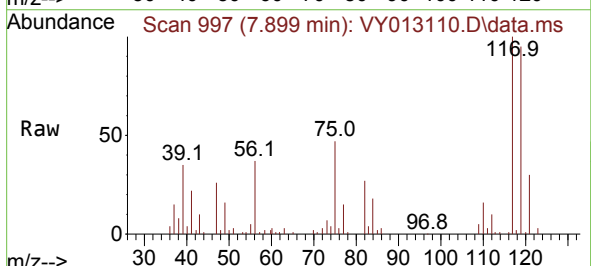
Tgt Ion: 117 Resp: 35740

Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 19.184 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

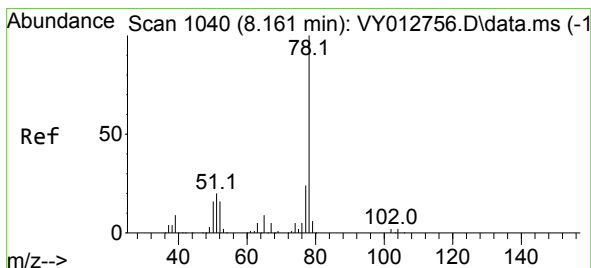
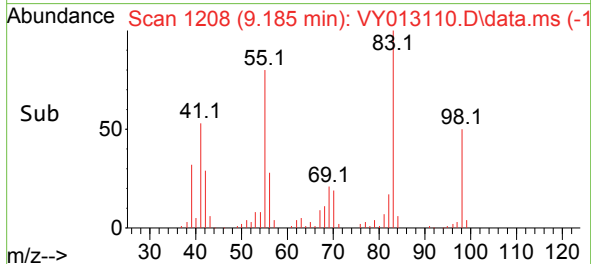
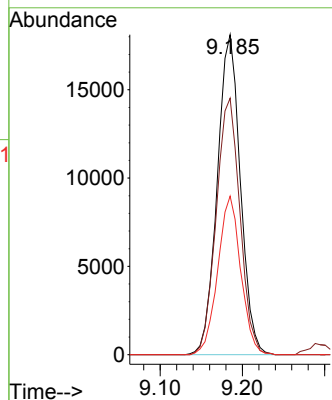
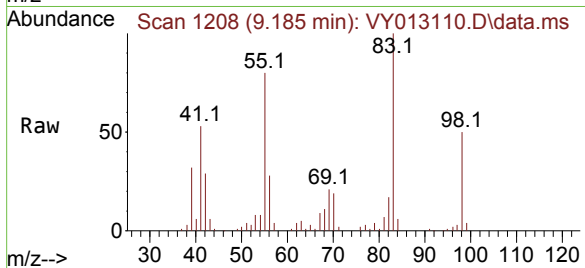
Tgt Ion: 83 Resp: 35447

Ion Ratio Lower Upper

83 100

55 80.1 60.0 90.0

98 49.5 38.3 57.5



#40

Benzene

Concen: 21.812 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013110.D

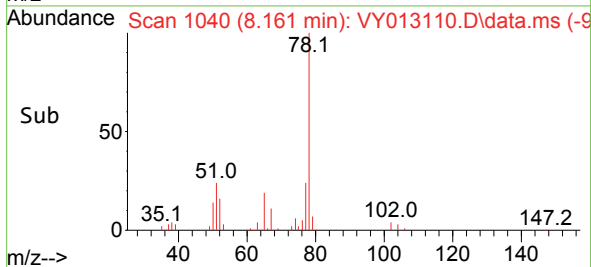
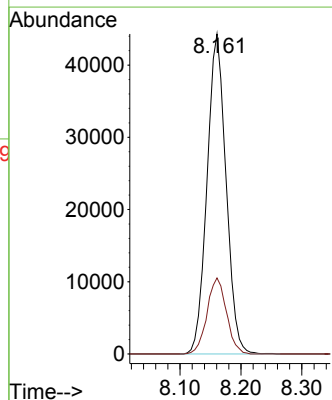
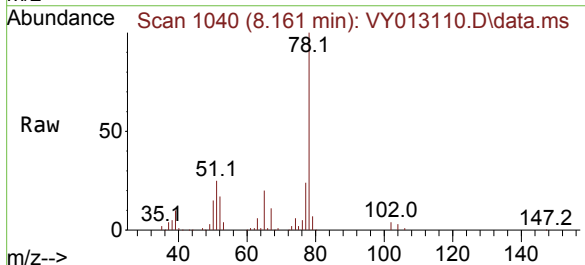
Acq: 28 Mar 2023 12:39

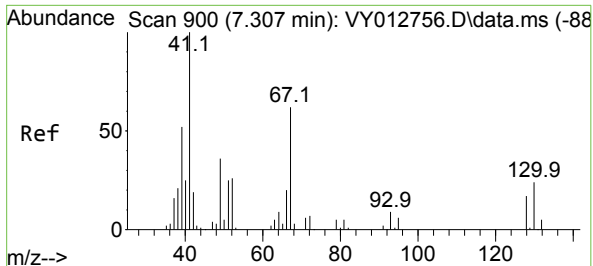
Tgt Ion: 78 Resp: 95896

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

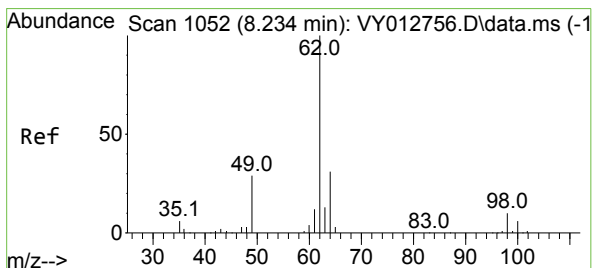
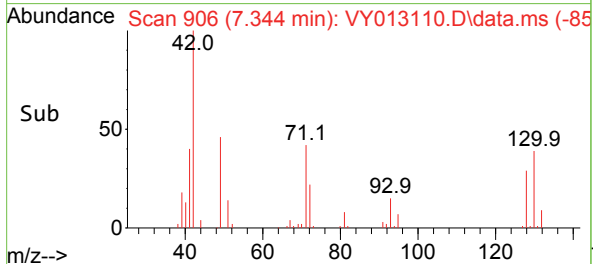
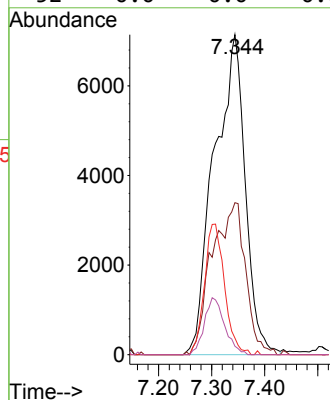
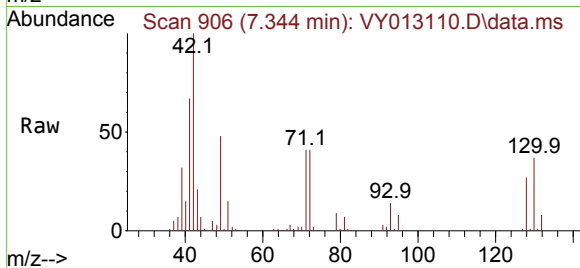




#41
Methacrylonitrile
Concen: 54.828 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

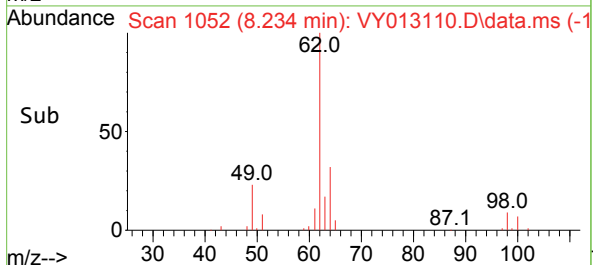
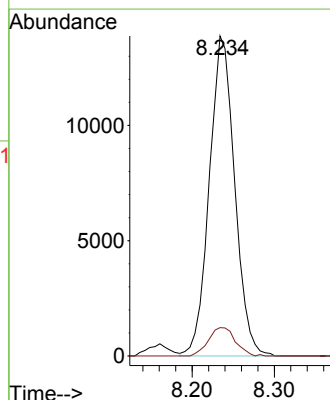
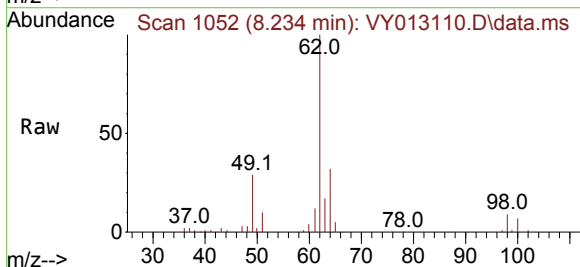
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

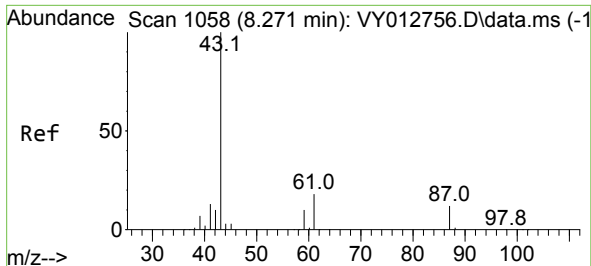
Tgt Ion:	41	Resp:	28937
Ion	Ratio	Lower	Upper
41	100		
39	51.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.497 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:	62	Resp:	29736
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

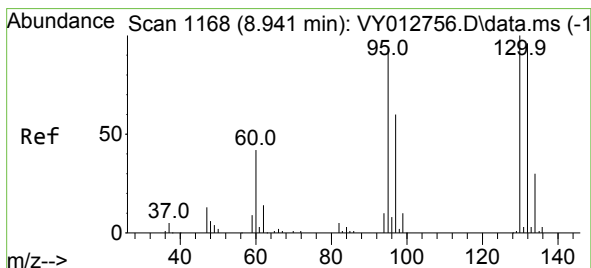
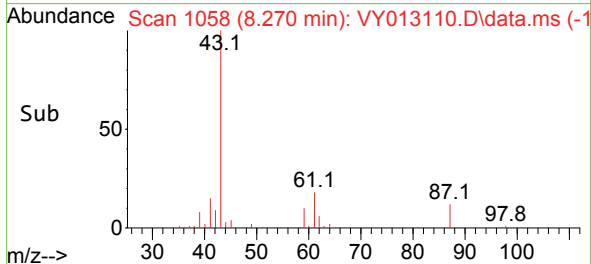
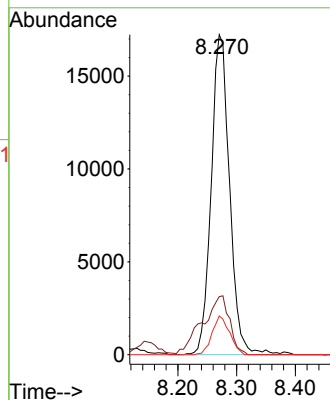
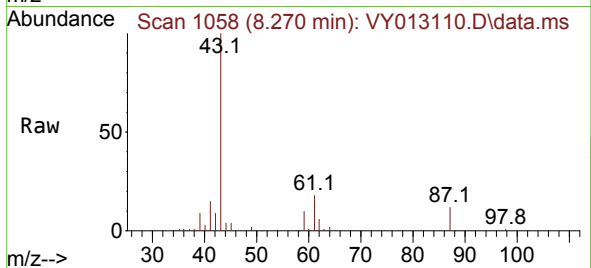




#43
Isopropyl Acetate
Concen: 21.416 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

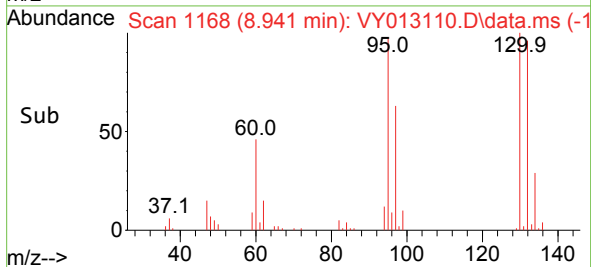
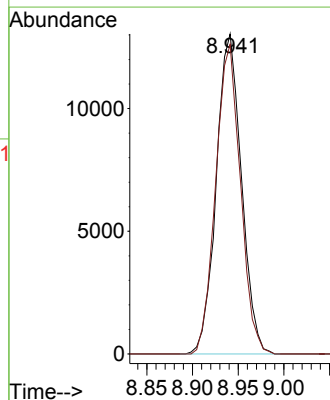
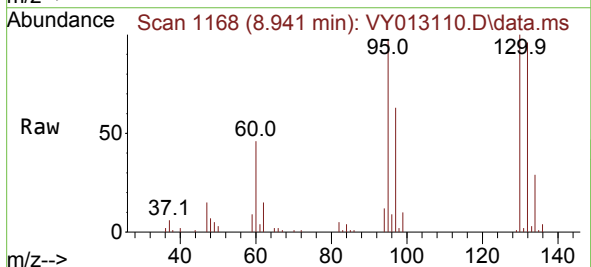
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

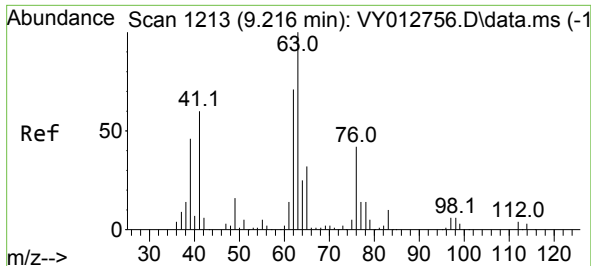
Tgt Ion: 43 Resp: 37429
Ion Ratio Lower Upper
43 100
61 27.3 21.6 32.4
87 11.5 9.9 14.9



#44
Trichloroethene
Concen: 21.525 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:130 Resp: 24950
Ion Ratio Lower Upper
130 100
95 96.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.411 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

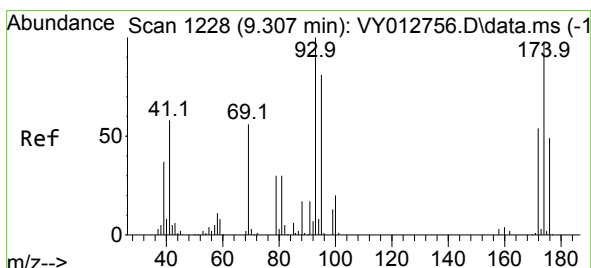
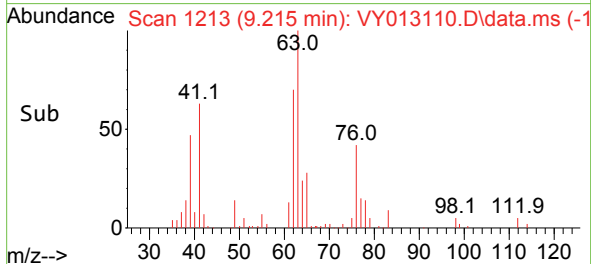
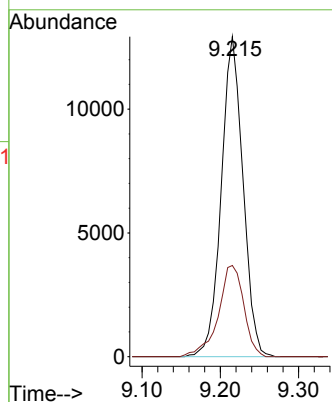
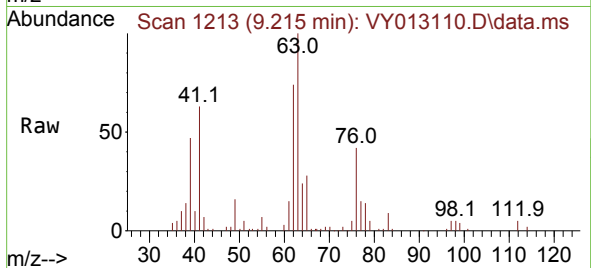
VY0328SBS01

Tgt Ion: 63 Resp: 24901

Ion Ratio Lower Upper

63 100

65 28.5 25.7 38.5



#46

Dibromomethane

Concen: 22.109 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

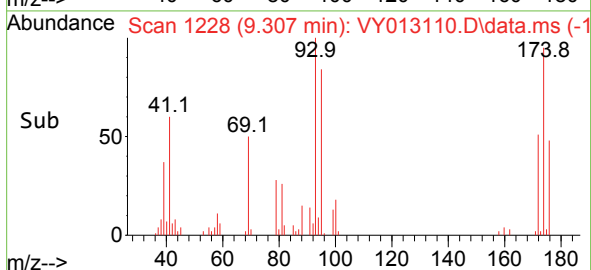
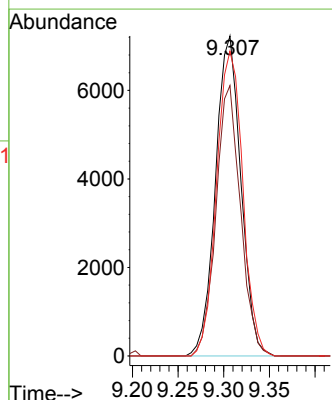
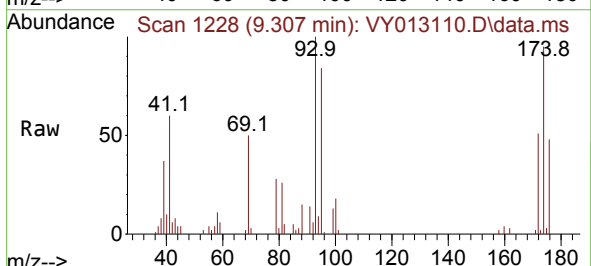
Tgt Ion: 93 Resp: 13995

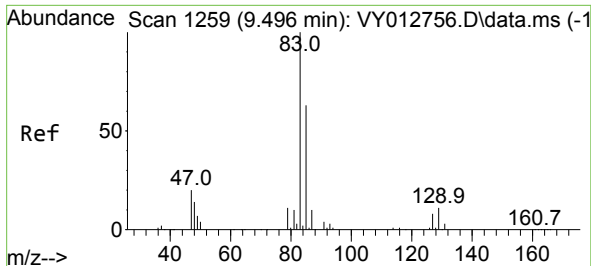
Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

174 98.0 81.3 121.9

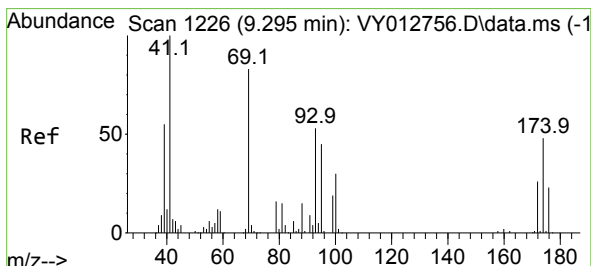
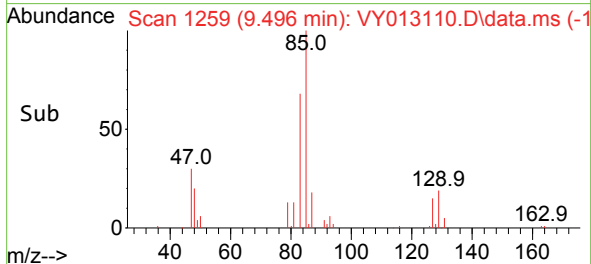
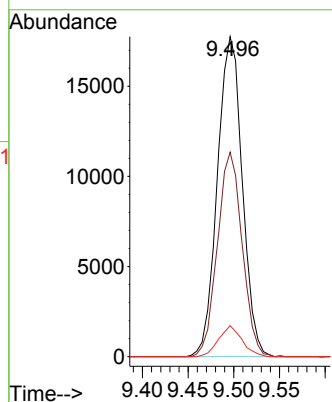
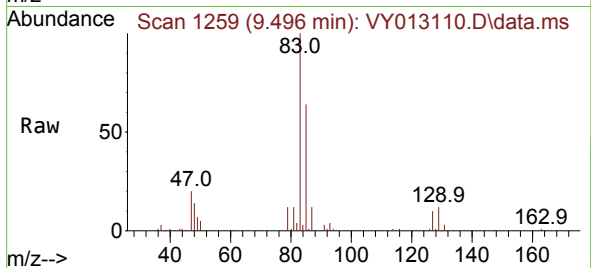




#47
Bromodichloromethane
Concen: 22.535 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

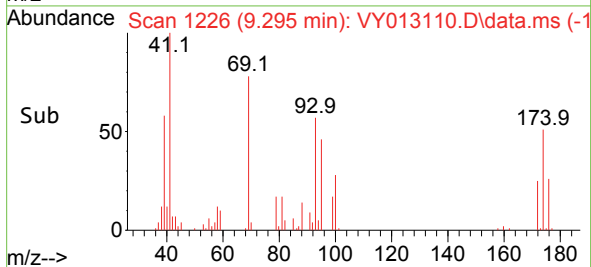
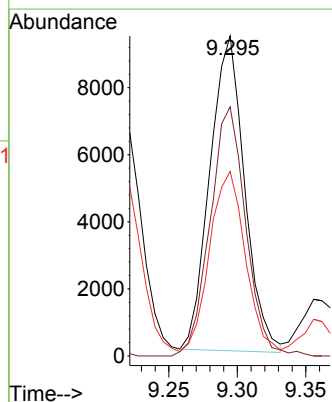
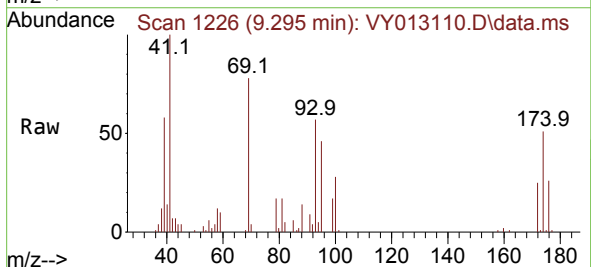
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

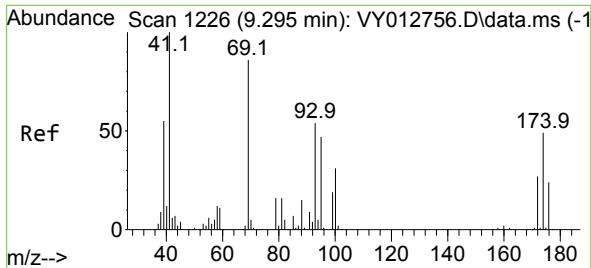
Tgt Ion: 83 Resp: 33615
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 20.497 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 41 Resp: 16506
Ion Ratio Lower Upper
41 100
69 81.5 64.1 96.1
39 60.6 44.0 66.0





#49

1,4-Dioxane

Concen: 429.547 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

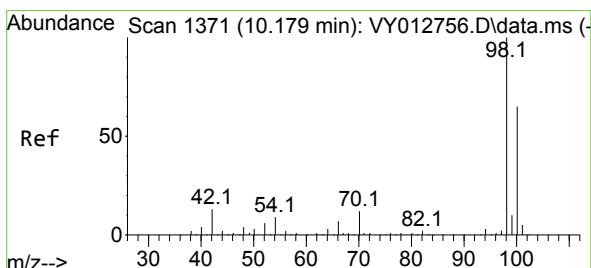
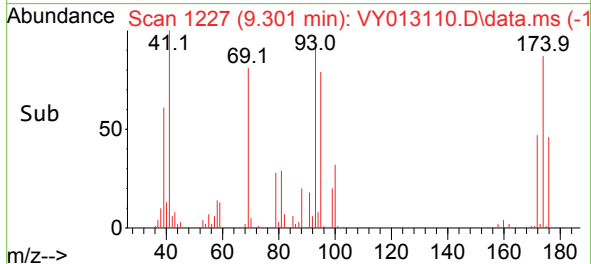
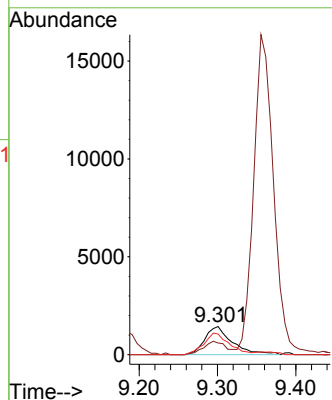
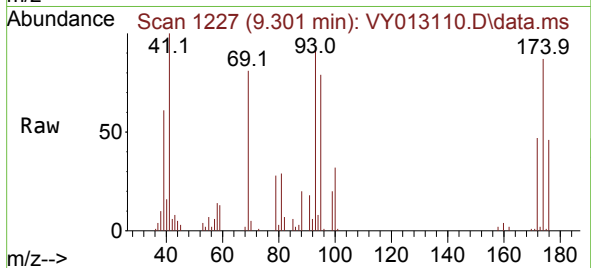
Tgt Ion: 88 Resp: 3515

Ion Ratio Lower Upper

88 100

43 38.6 28.6 42.8

58 70.7 55.2 82.8



#50

Toluene-d8

Concen: 46.133 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013110.D

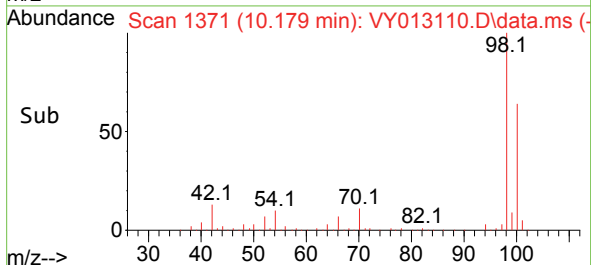
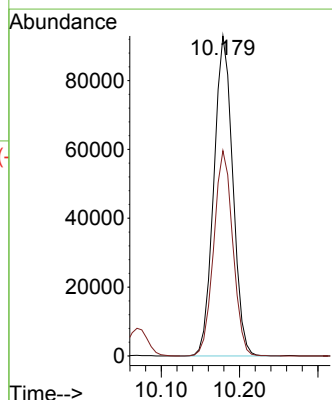
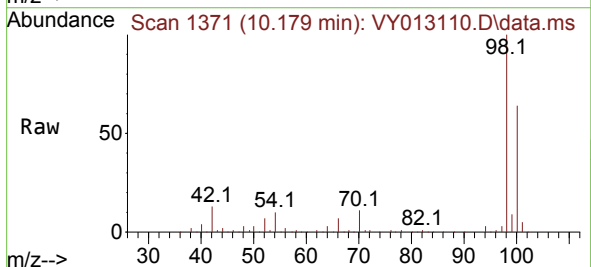
Acq: 28 Mar 2023 12:39

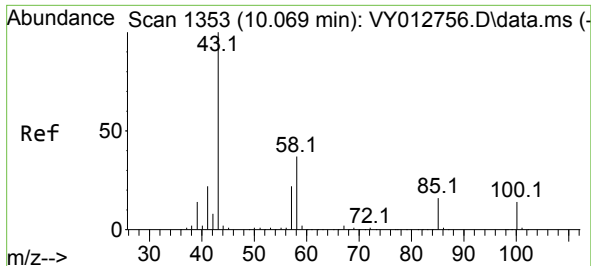
Tgt Ion: 98 Resp: 156420

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

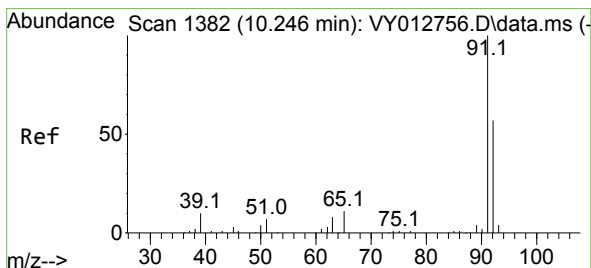
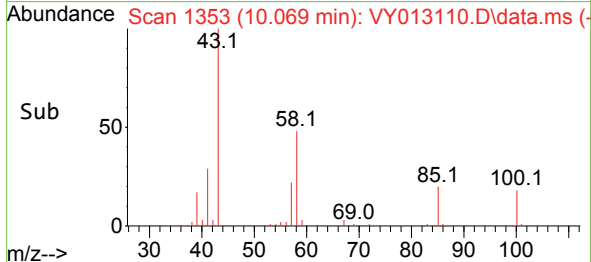
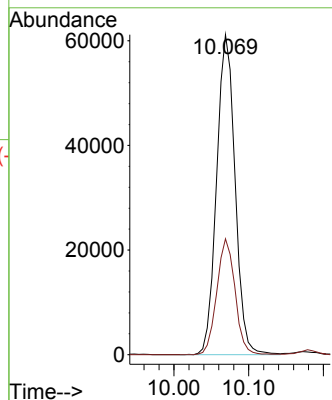
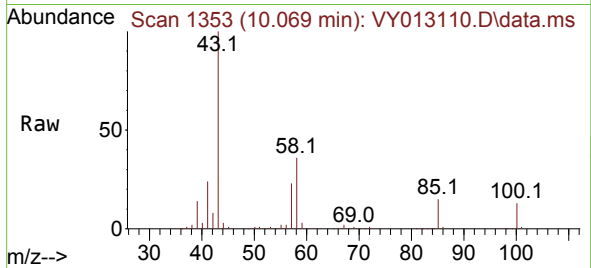




#51
4-Methyl-2-Pentanone
Concen: 110.834 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

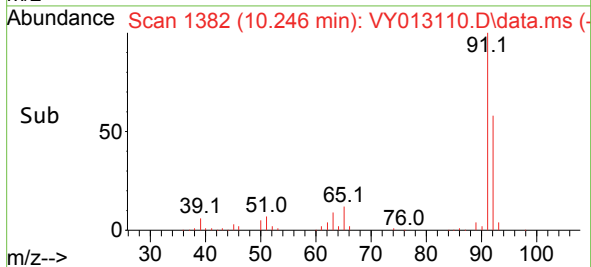
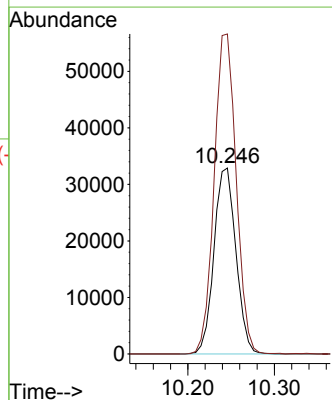
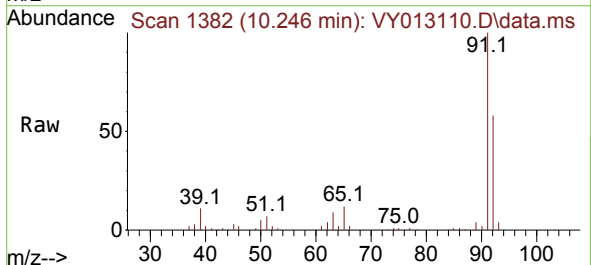
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

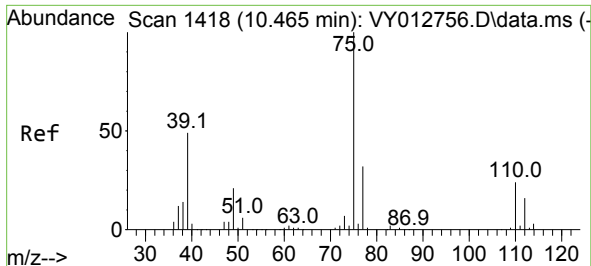
Tgt Ion: 43 Resp: 105074
Ion Ratio Lower Upper
43 100
58 35.8 29.8 44.6



#52
Toluene
Concen: 21.832 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 92 Resp: 57885
Ion Ratio Lower Upper
92 100
91 172.6 141.3 211.9

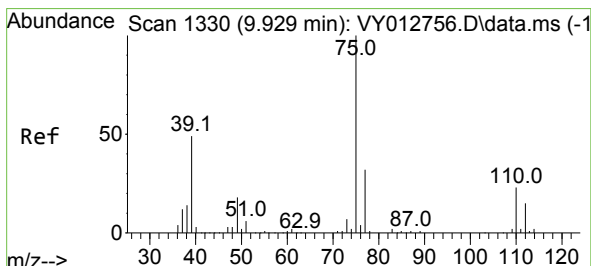
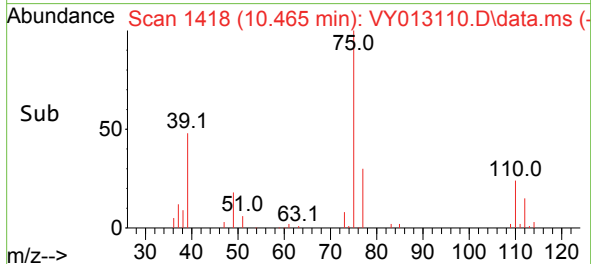
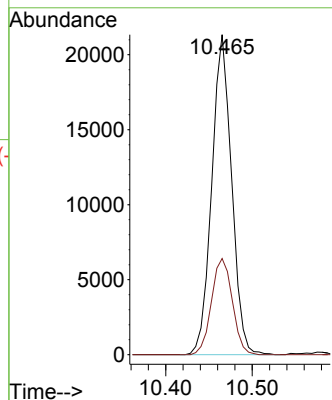
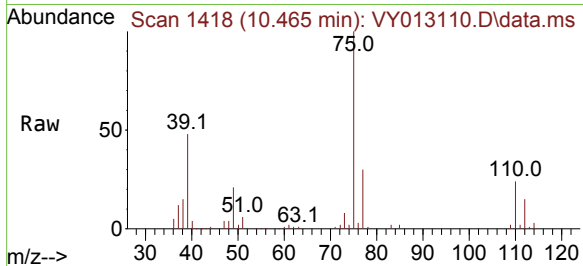




#53
t-1,3-Dichloropropene
Concen: 21.663 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

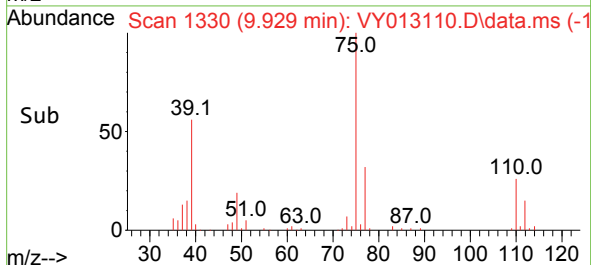
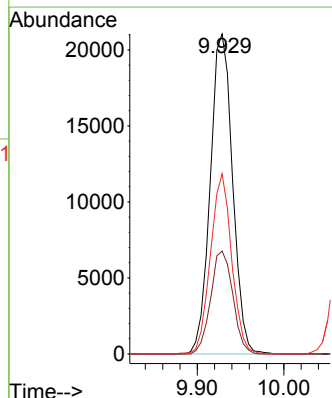
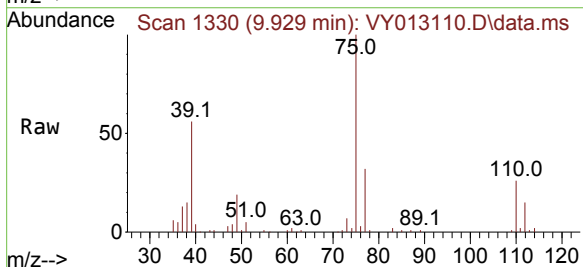
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

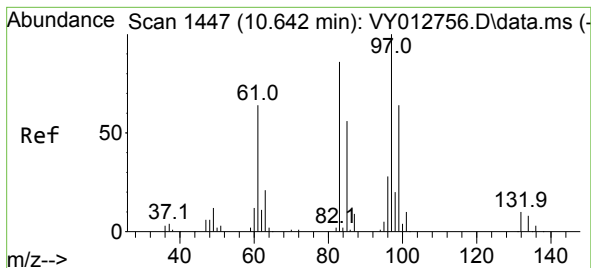
Tgt Ion: 75 Resp: 33895
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.230 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 75 Resp: 37598
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 56.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.663 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

Tgt Ion: 97 Resp: 19978

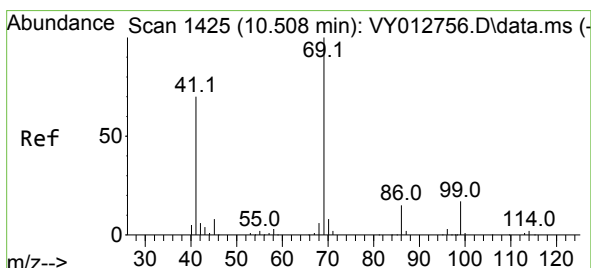
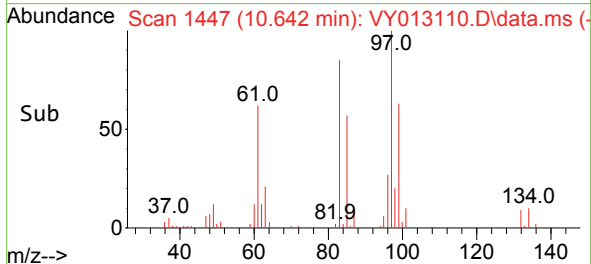
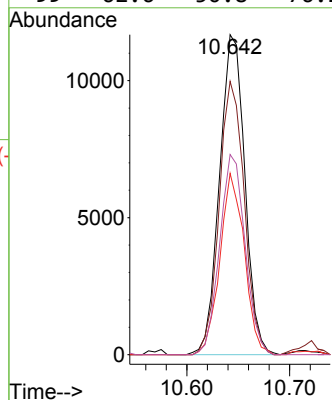
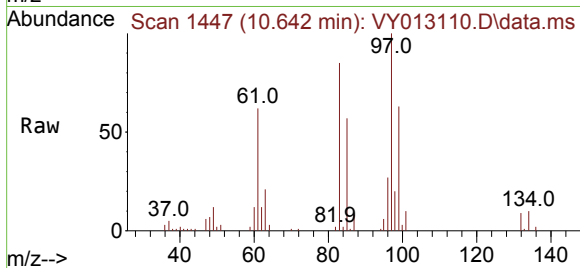
Ion Ratio Lower Upper

97 100

83 85.4 69.0 103.6

85 56.6 44.9 67.3

99 62.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.618 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

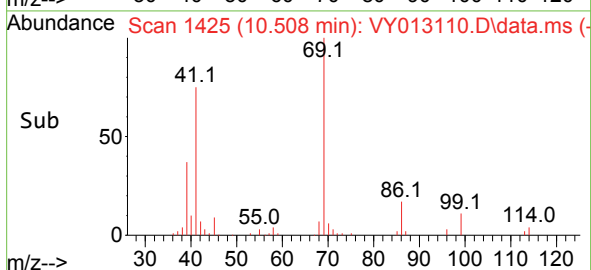
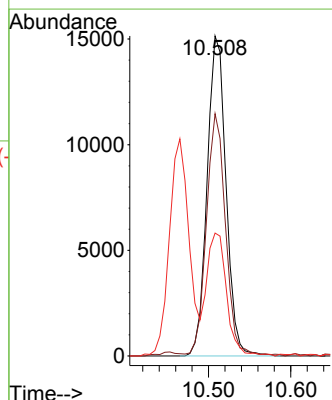
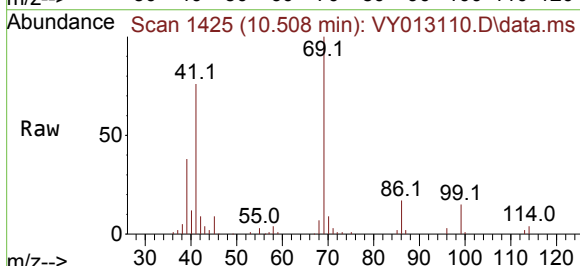
Tgt Ion: 69 Resp: 24235

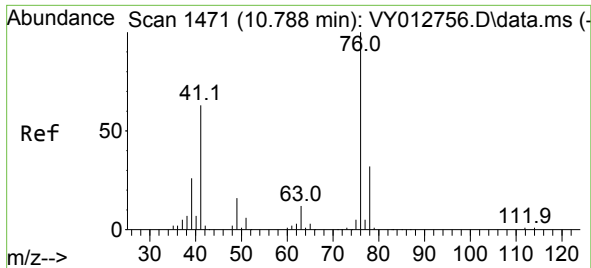
Ion Ratio Lower Upper

69 100

41 76.9 56.4 84.6

39 40.0 30.8 46.2

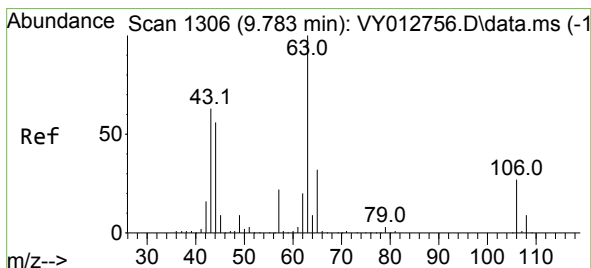
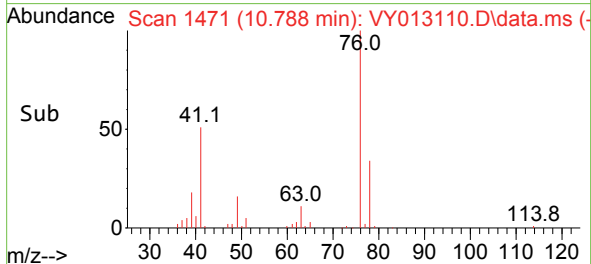
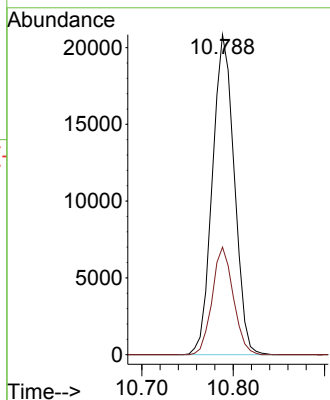
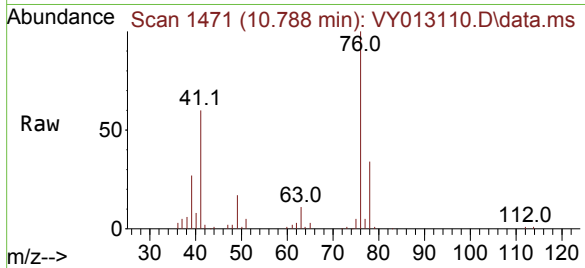




#57
1,3-Dichloropropane
Concen: 23.027 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

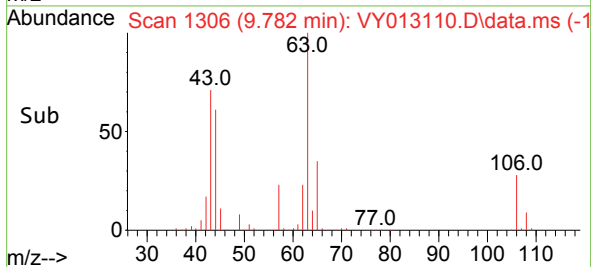
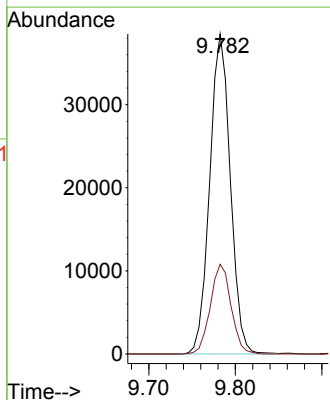
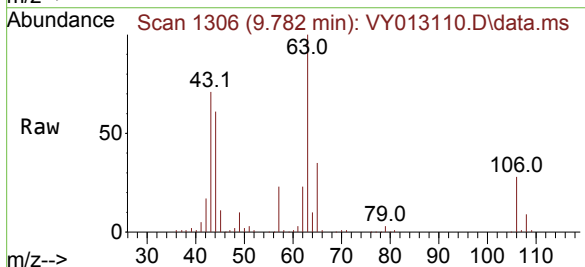
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

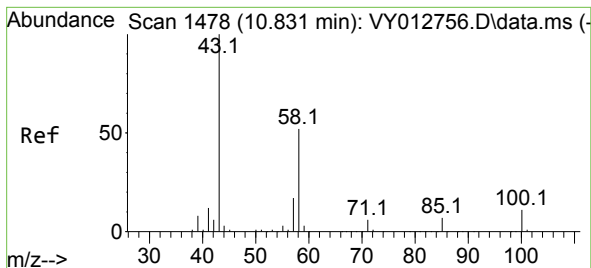
Tgt Ion: 76 Resp: 34574
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 103.054 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 63 Resp: 63590
Ion Ratio Lower Upper
63 100
106 28.1 22.1 33.1

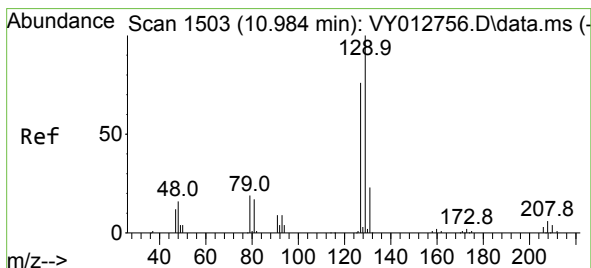
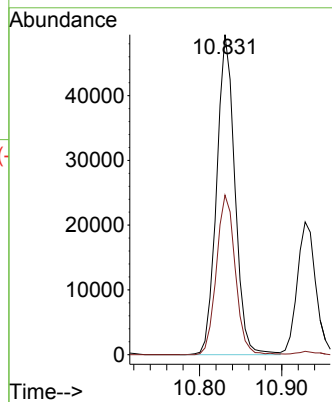
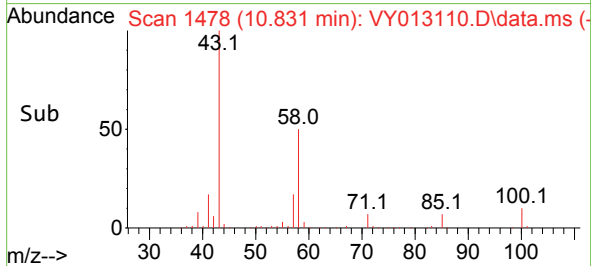
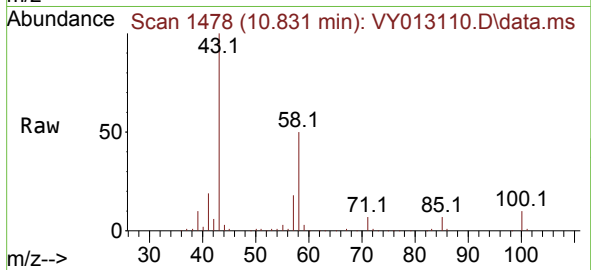




#59
2-Hexanone
Concen: 110.466 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

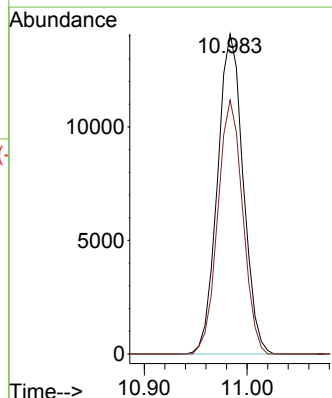
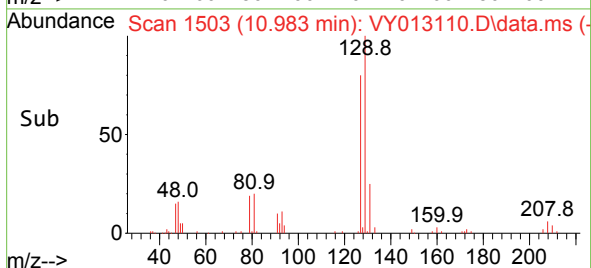
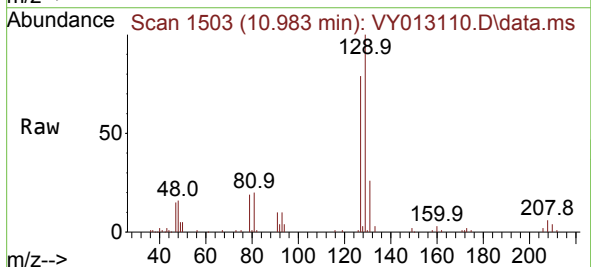
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

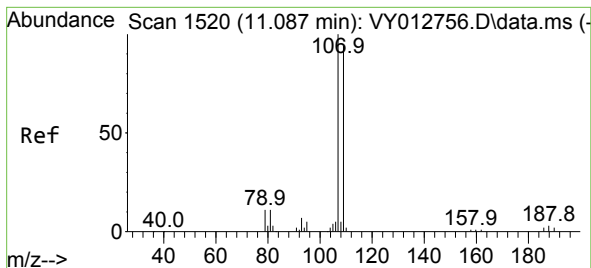
Tgt Ion: 43 Resp: 76112
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 22.743 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 129 Resp: 24405
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

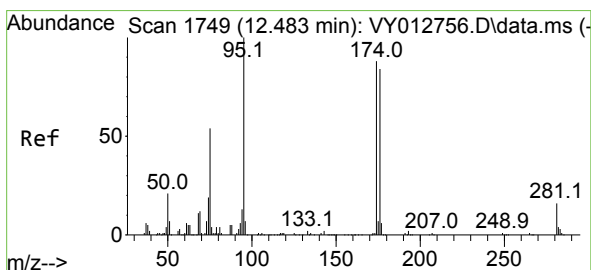
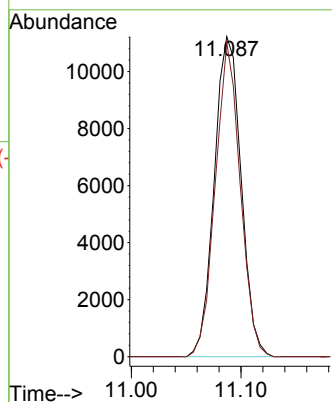
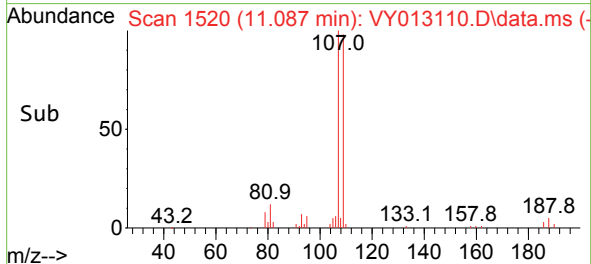
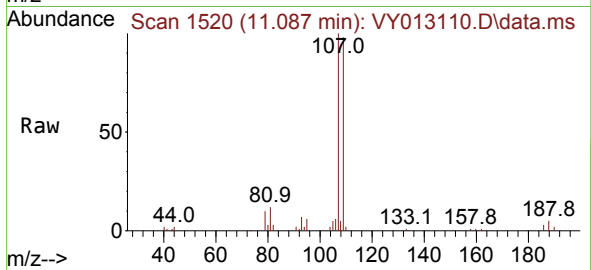




#61
1,2-Dibromoethane
Concen: 22.445 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

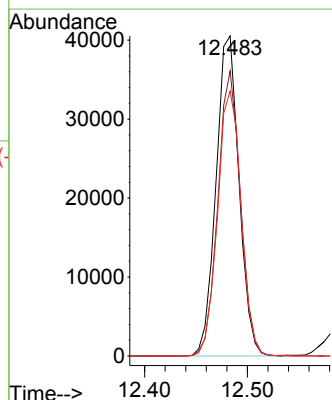
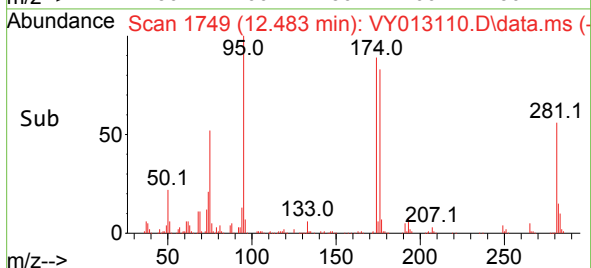
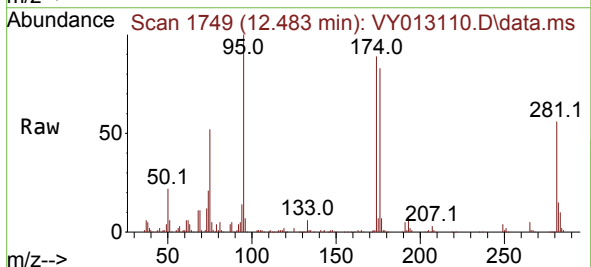
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

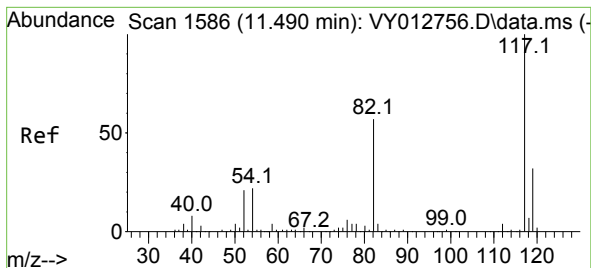
Tgt Ion:107 Resp: 19060
Ion Ratio Lower Upper
107 100
109 91.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 54.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 95 Resp: 62890
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.6
176 84.8 0.0 170.2

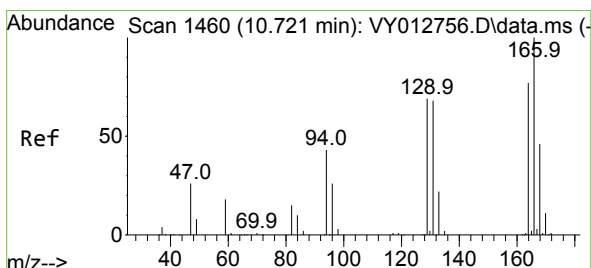
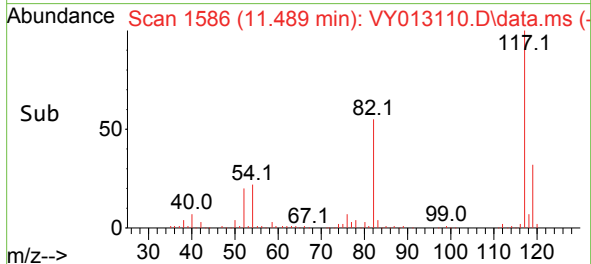
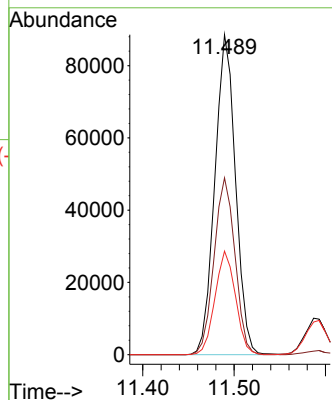
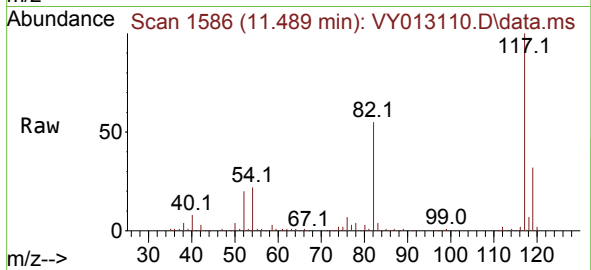




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

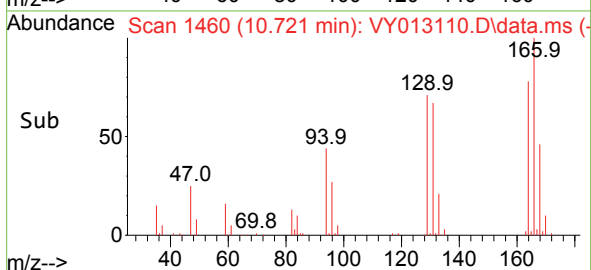
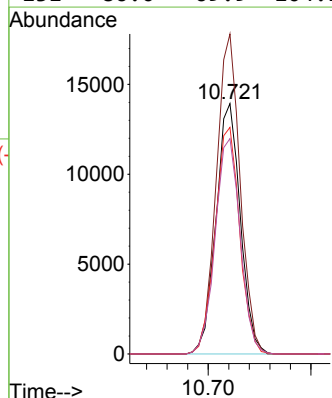
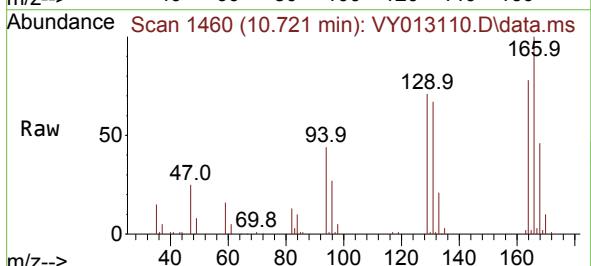
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

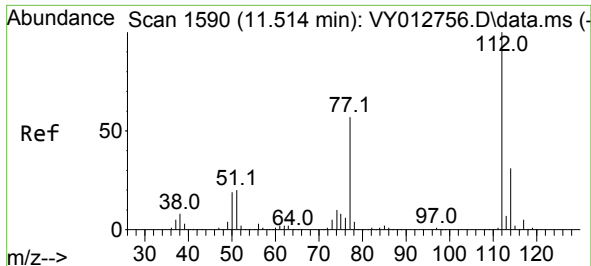
Tgt Ion:117 Resp: 139545
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 22.580 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:164 Resp: 22941
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.2
129 90.5 71.4 107.2
131 86.0 69.9 104.9

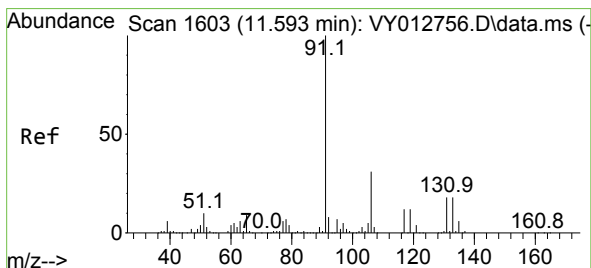
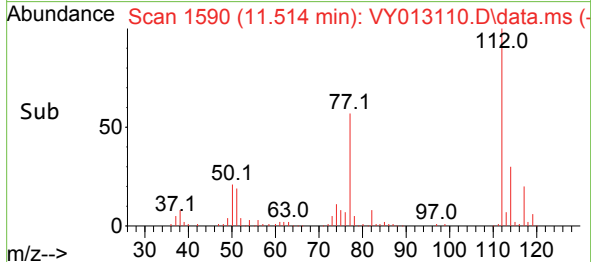
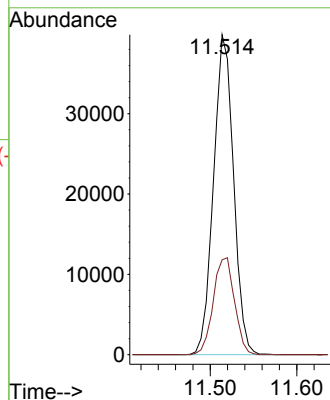
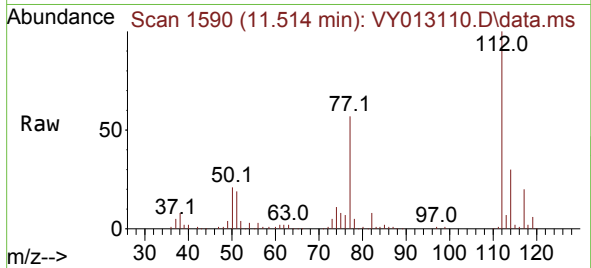




#65
Chlorobenzene
Concen: 21.817 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

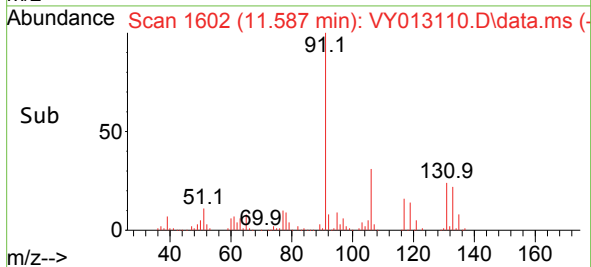
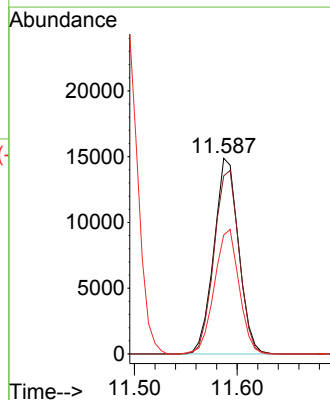
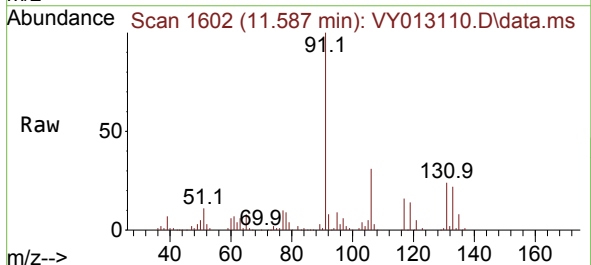
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

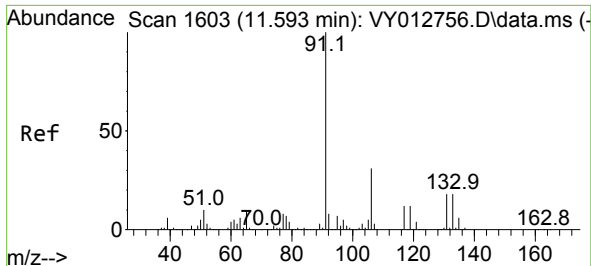
Tgt Ion:112 Resp: 63895
Ion Ratio Lower Upper
112 100
114 29.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.927 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:131 Resp: 24846
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 63.7 32.6 98.0

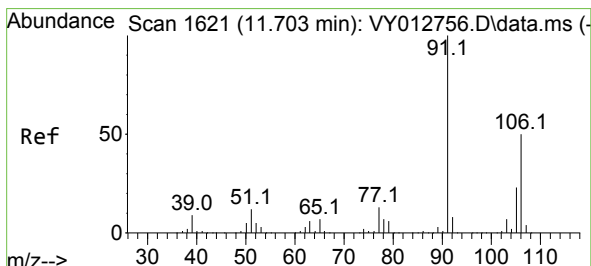
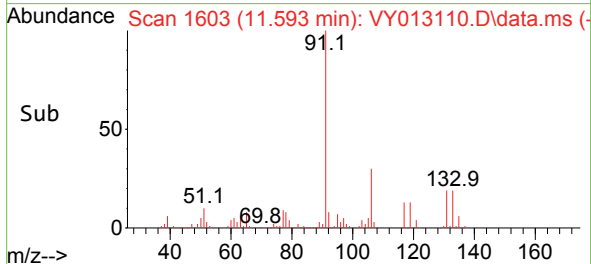
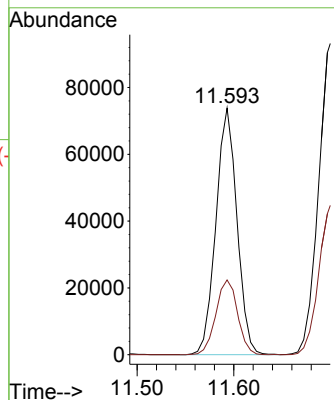
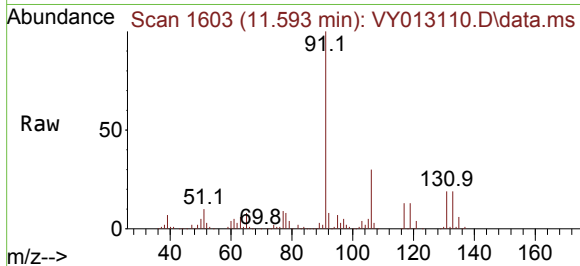




#67
Ethyl Benzene
Concen: 21.635 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

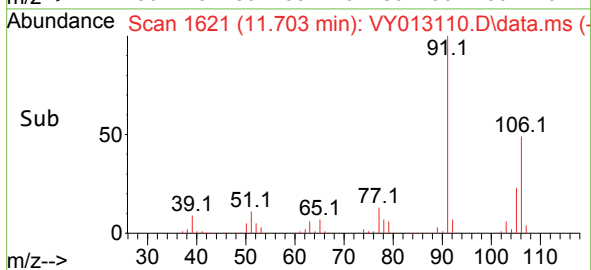
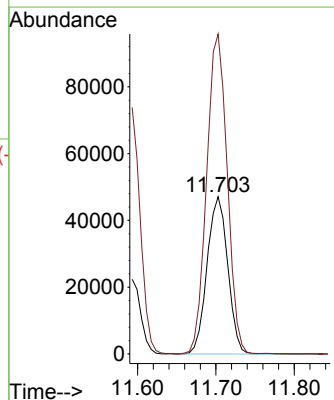
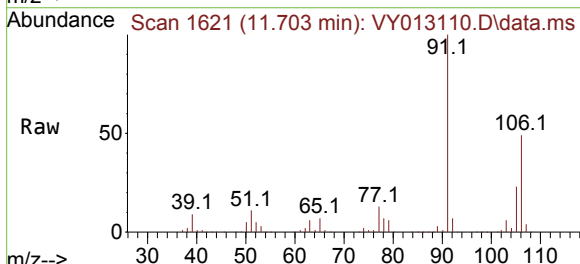
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

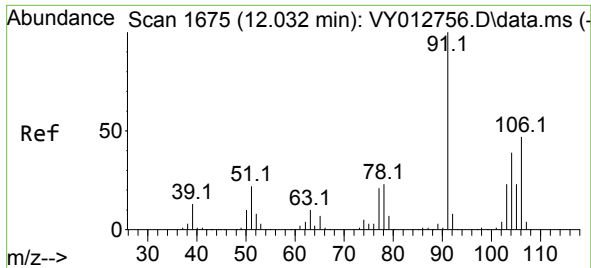
Tgt Ion: 91 Resp: 111401
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7



#68
m/p-Xylenes
Concen: 43.463 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:106 Resp: 86094
Ion Ratio Lower Upper
106 100
91 203.3 159.8 239.8

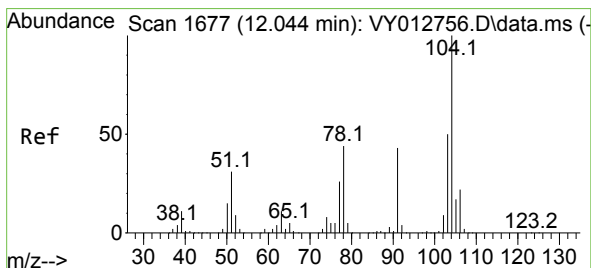
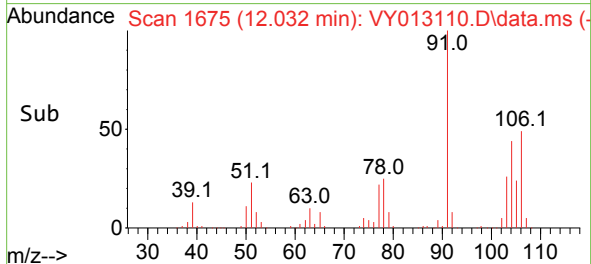
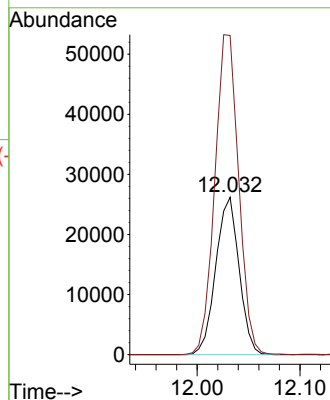
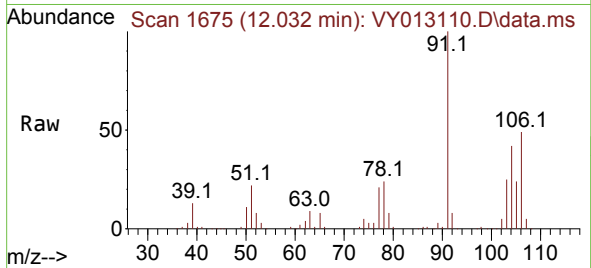




#69
o-Xylene
Concen: 22.283 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

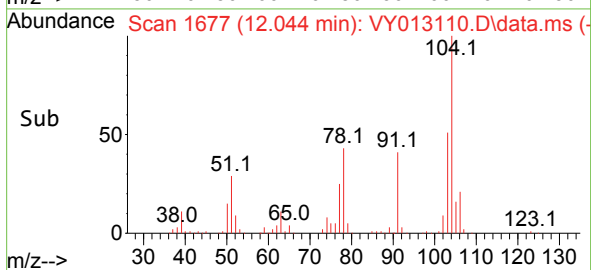
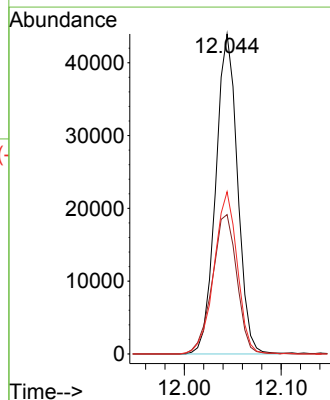
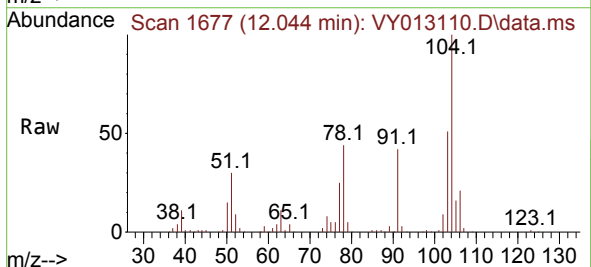
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion:106 Resp: 41195
Ion Ratio Lower Upper
106 100
91 208.4 107.2 321.6



#70
Styrene
Concen: 22.284 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion:104 Resp: 68748
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 53.9 43.7 65.5





#71

Bromoform

Concen: 21.499 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

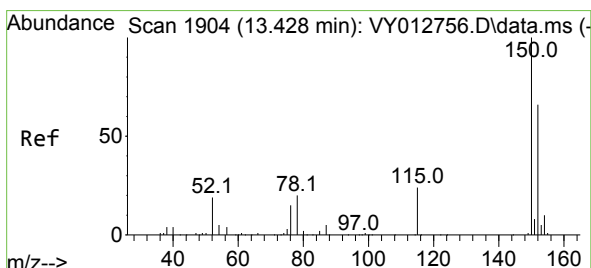
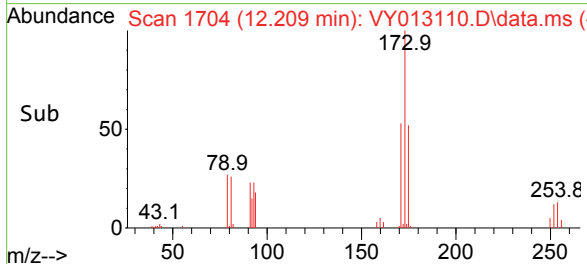
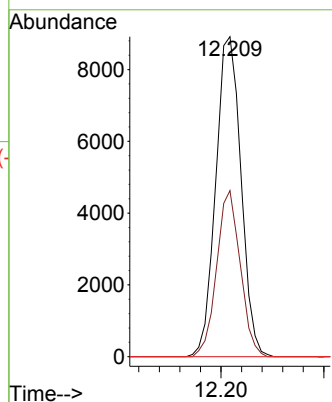
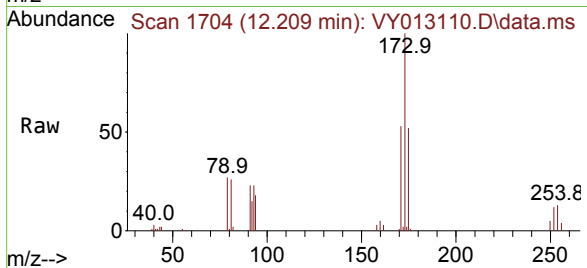
Tgt Ion:173 Resp: 15191

Ion Ratio Lower Upper

173 100

175 48.5 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

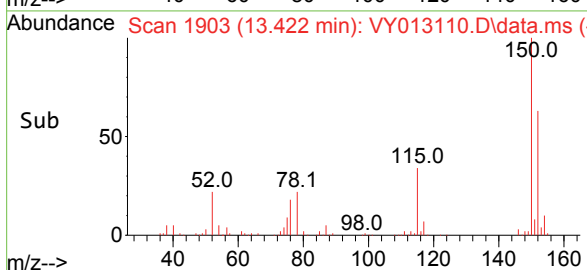
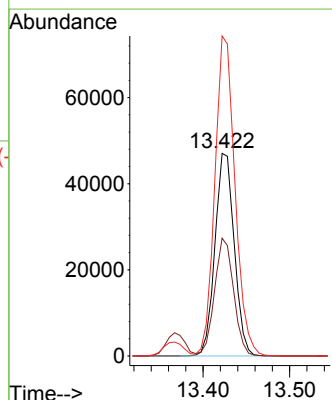
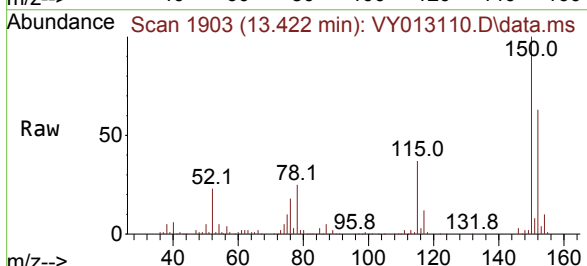
Tgt Ion:152 Resp: 72818

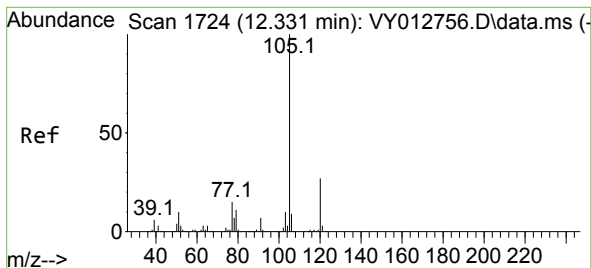
Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 165.0 0.0 347.8





#73

Isopropylbenzene

Concen: 20.970 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

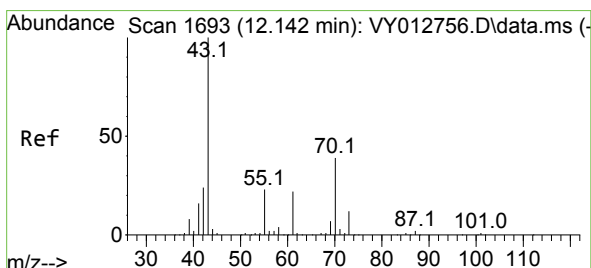
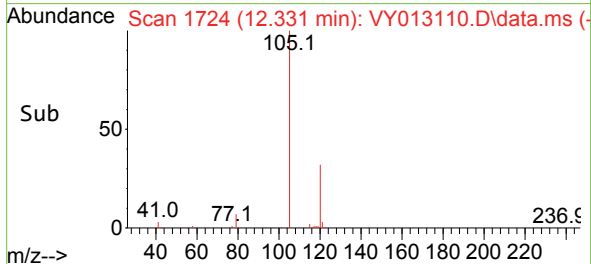
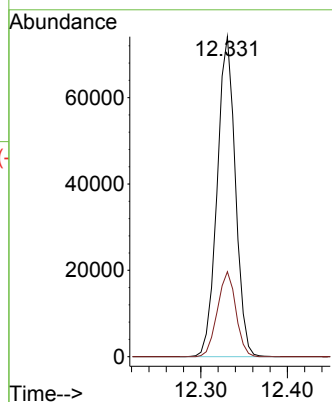
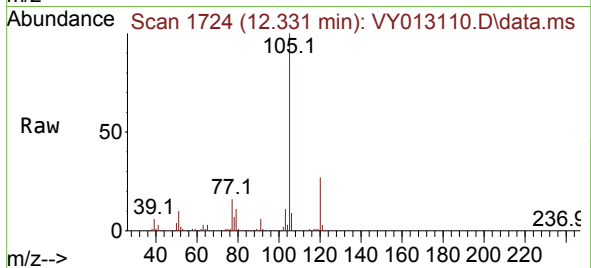
VY0328SBS01

Tgt Ion:105 Resp: 108221

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 19.439 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Tgt Ion: 43 Resp: 31564

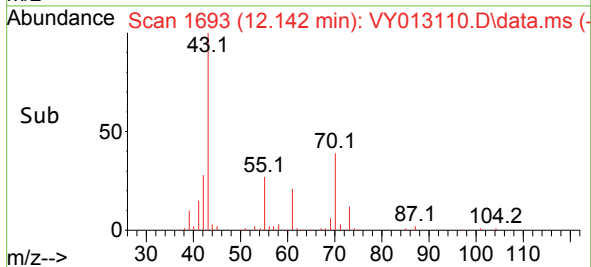
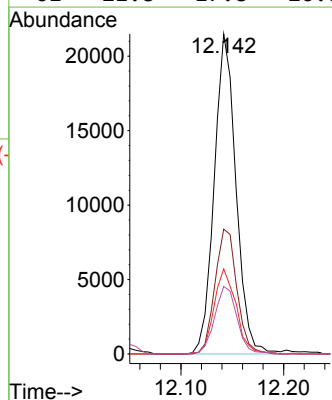
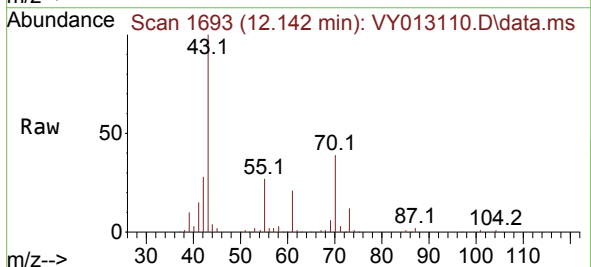
Ion Ratio Lower Upper

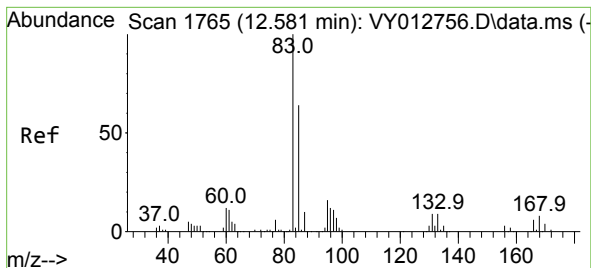
43 100

70 39.4 31.6 47.4

55 26.9 18.8 28.2

61 21.8 17.8 26.8

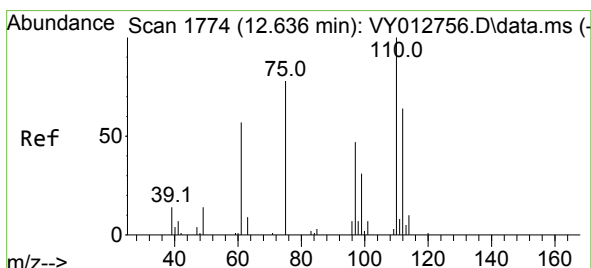
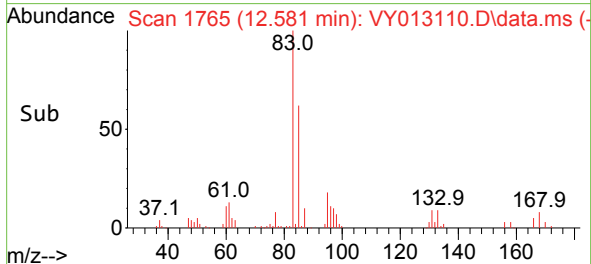
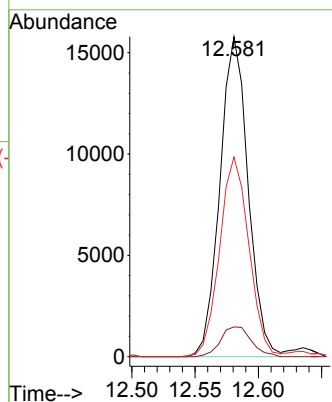
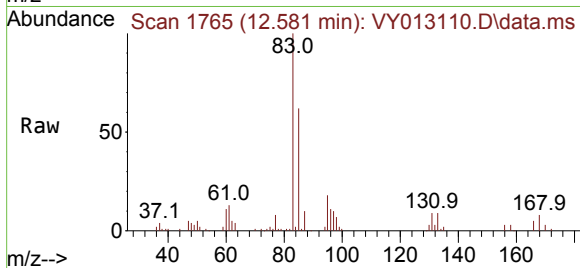




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.091 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

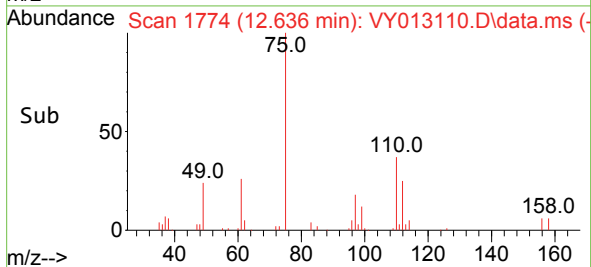
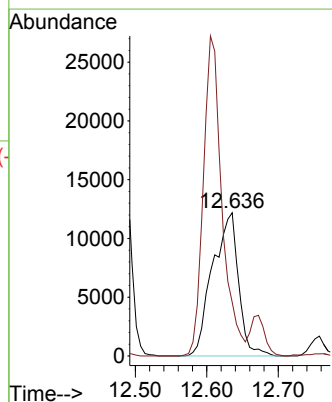
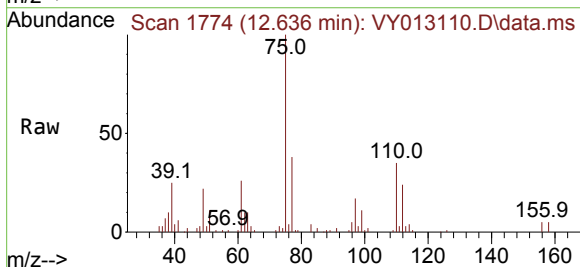
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

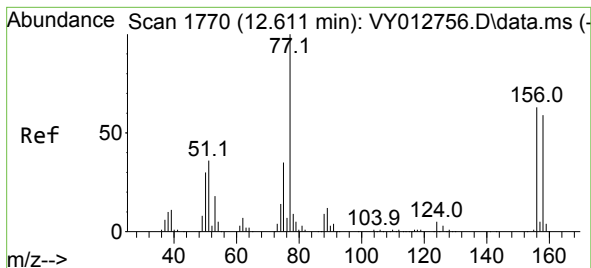
Tgt Ion: 83 Resp: 24467
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.2
 85 64.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 35.414 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY013110.D
 Acq: 28 Mar 2023 12:39

Tgt Ion: 75 Resp: 30795
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.397 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBSD01

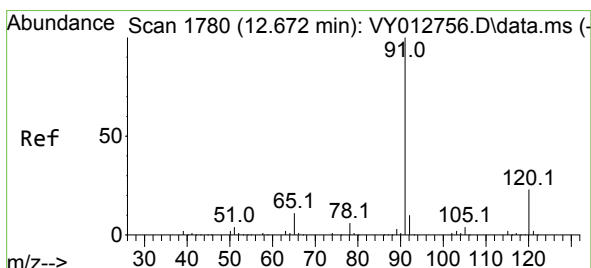
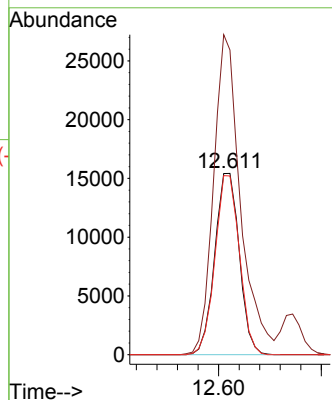
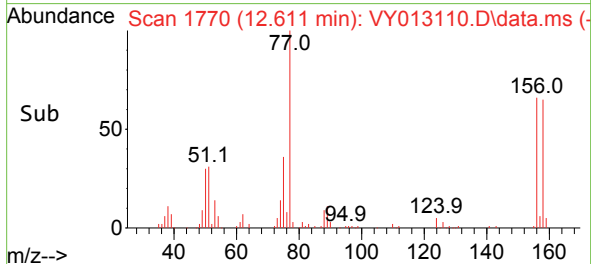
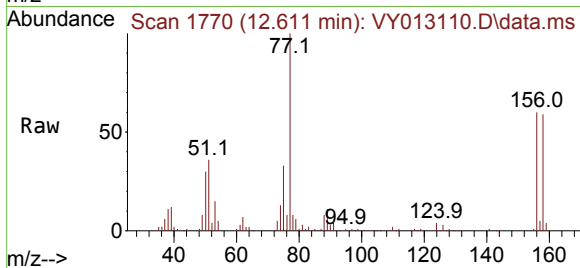
Tgt Ion:156 Resp: 25572

Ion Ratio Lower Upper

156 100

77 193.5 94.0 282.1

158 98.4 48.1 144.4



#78

n-propylbenzene

Concen: 21.213 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013110.D

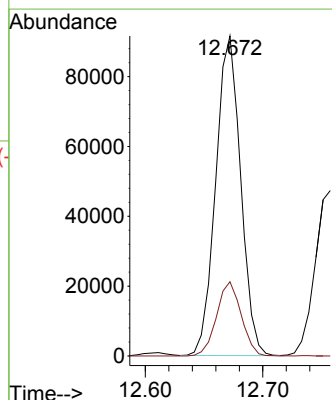
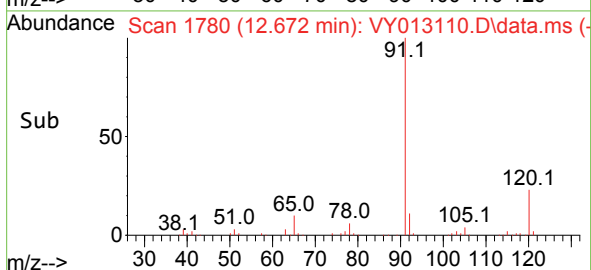
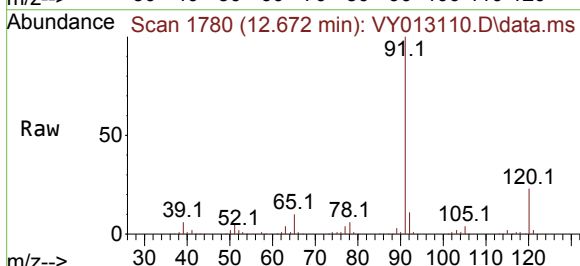
Acq: 28 Mar 2023 12:39

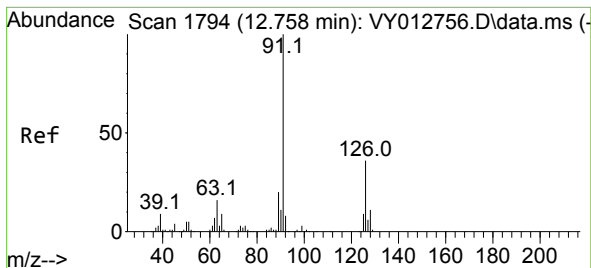
Tgt Ion: 91 Resp: 134969

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.016 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

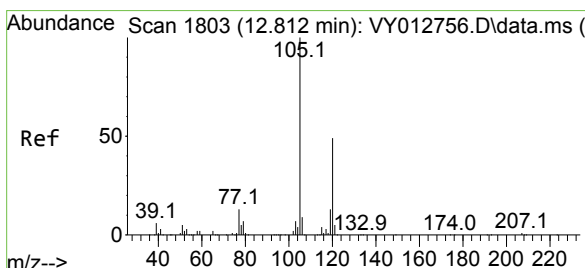
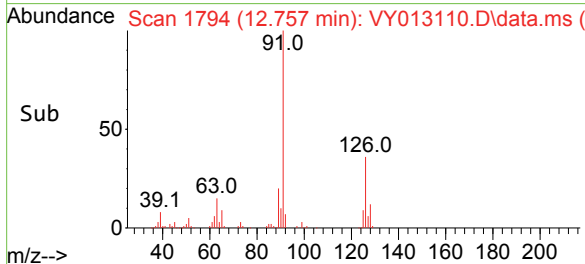
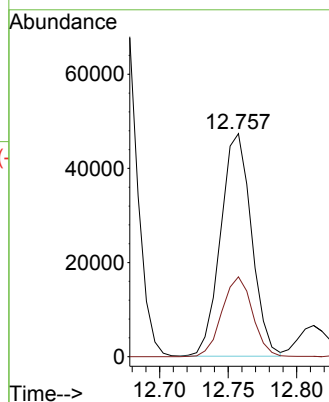
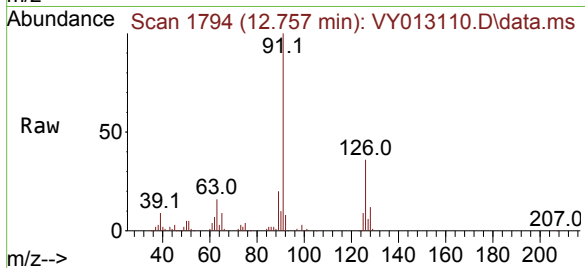
VY0328SBS01

Tgt Ion: 91 Resp: 74316

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.029 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013110.D

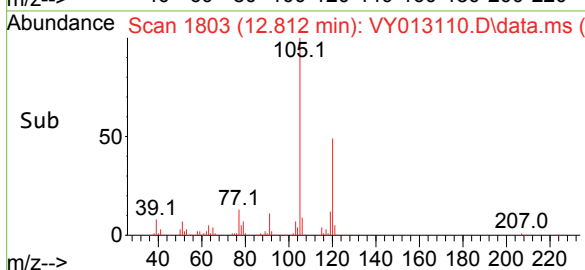
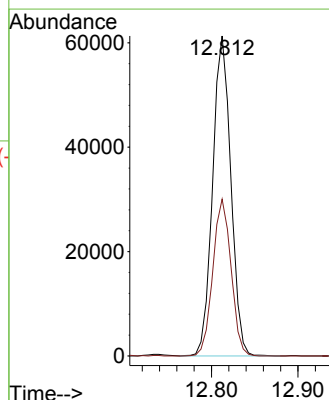
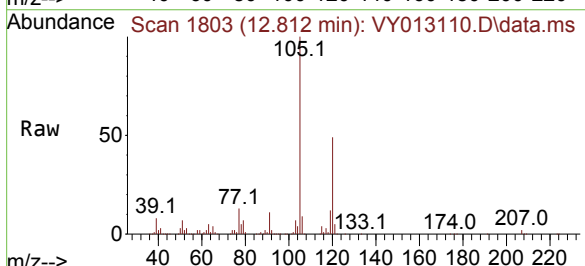
Acq: 28 Mar 2023 12:39

Tgt Ion:105 Resp: 89560

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

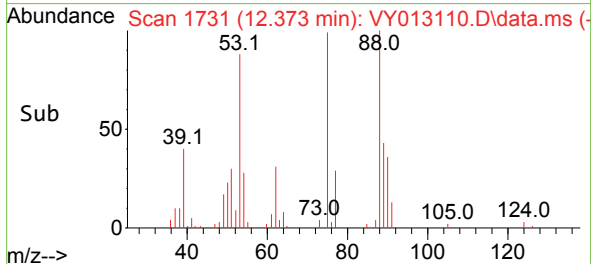
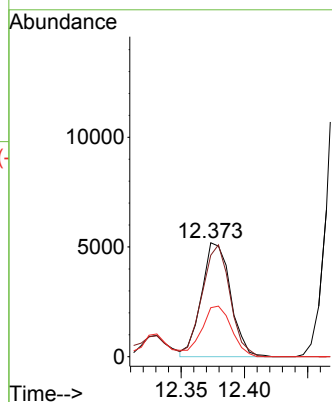
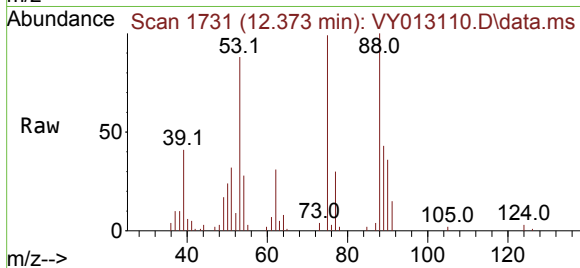




#81
trans-1,4-Dichloro-2-butene
Concen: 19.735 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

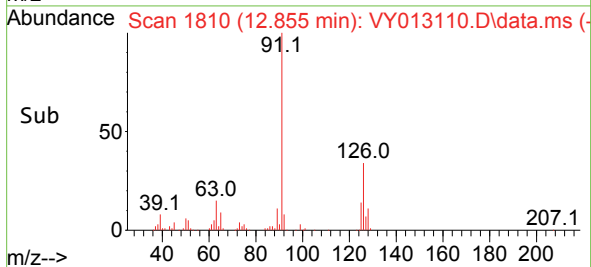
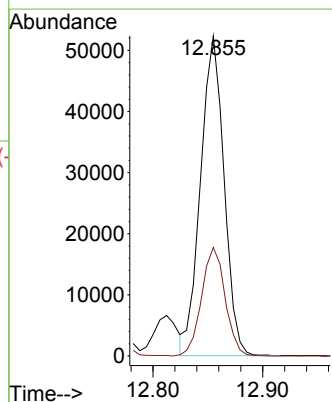
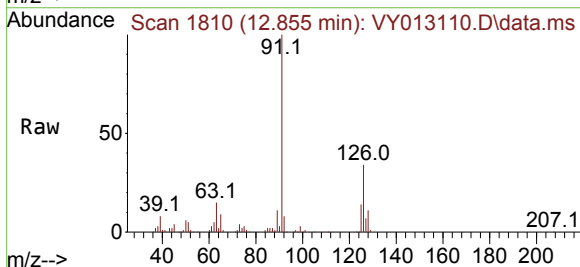
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

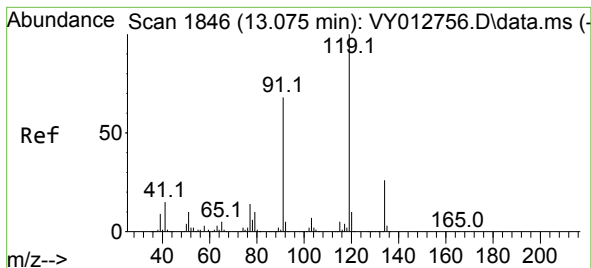
Tgt Ion: 75 Resp: 8282
Ion Ratio Lower Upper
75 100
53 94.5 73.4 110.0
89 45.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.285 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 91 Resp: 77913
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1





#83

tert-Butylbenzene

Concen: 21.381 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

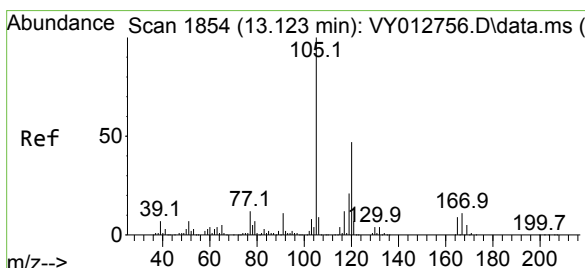
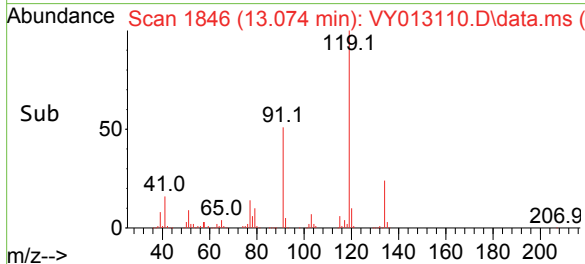
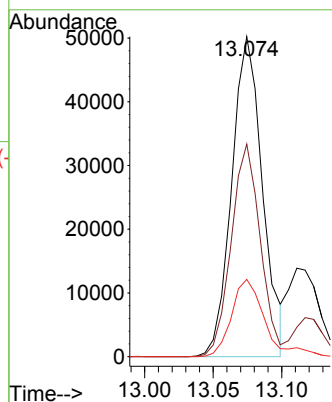
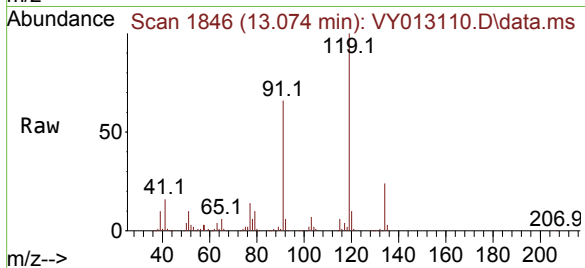
Tgt Ion:119 Resp: 78596

Ion Ratio Lower Upper

119 100

91 62.7 32.8 98.3

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.156 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013110.D

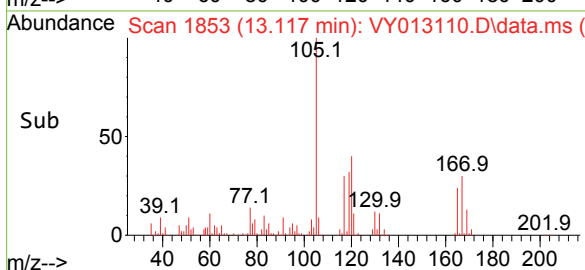
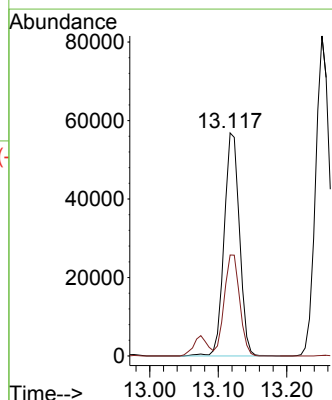
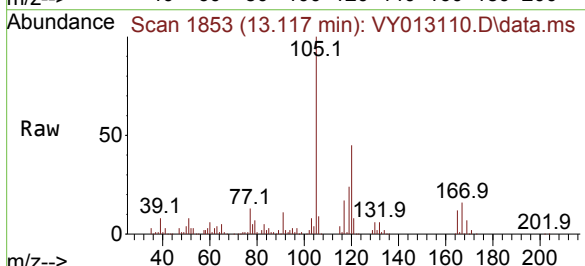
Acq: 28 Mar 2023 12:39

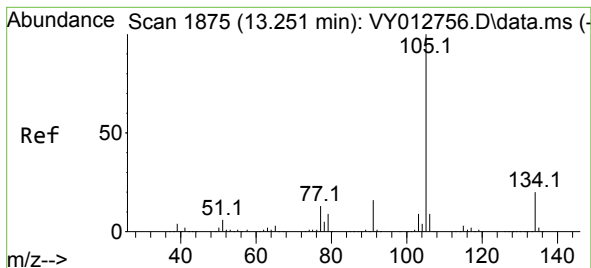
Tgt Ion:105 Resp: 88104

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.115 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

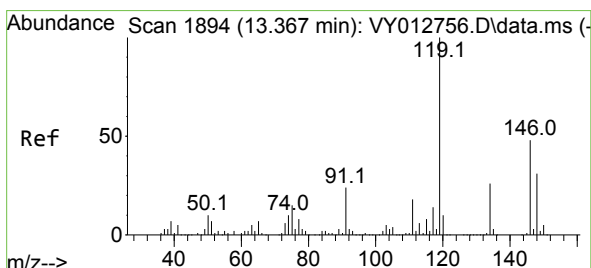
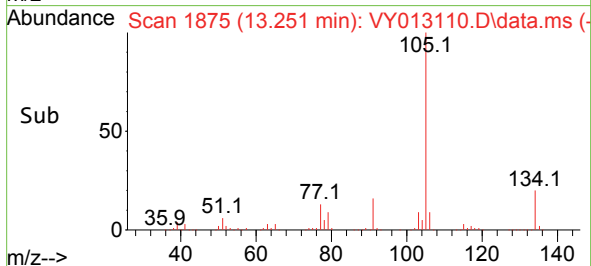
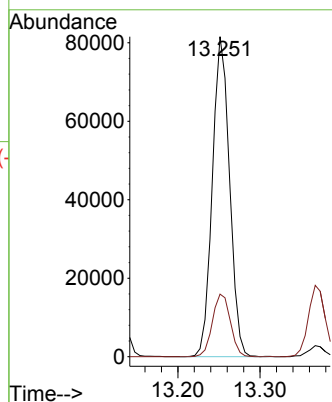
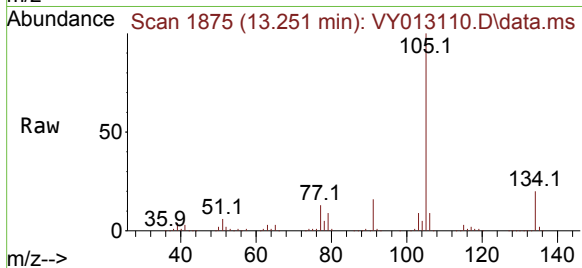
VY0328SBS01

Tgt Ion:105 Resp: 118411

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.302 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

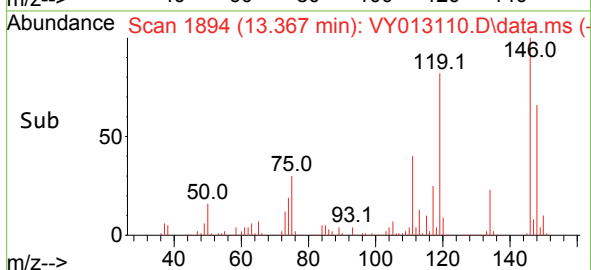
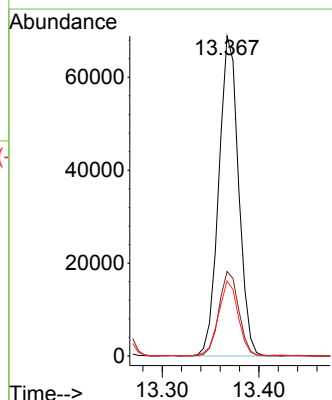
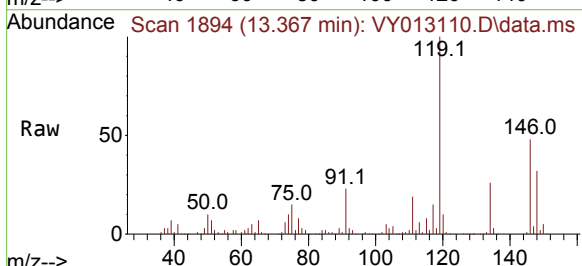
Tgt Ion:119 Resp: 97635

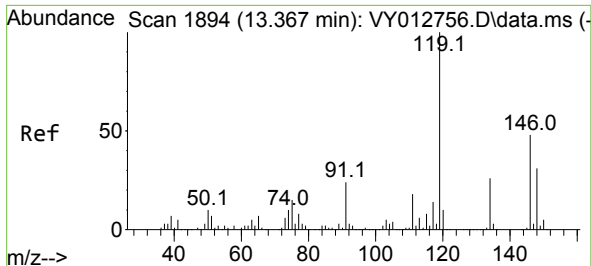
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.191 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBSD01

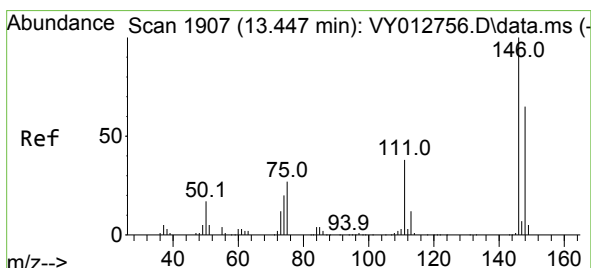
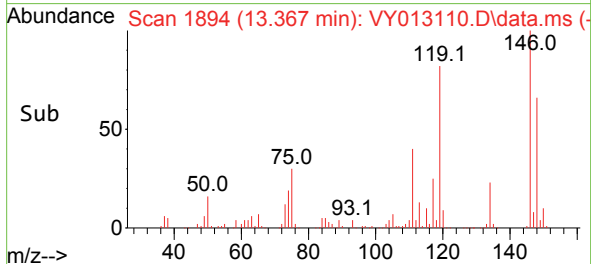
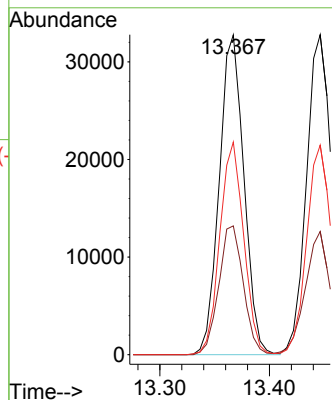
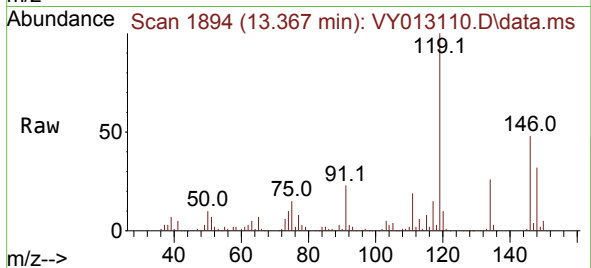
Tgt Ion:146 Resp: 51239

Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.5

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.033 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

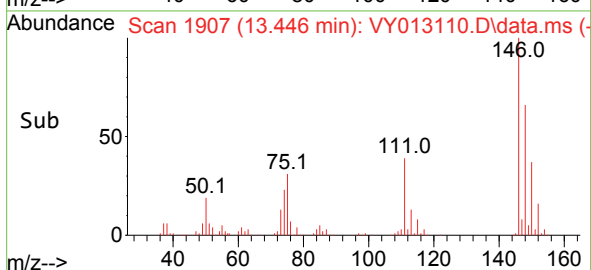
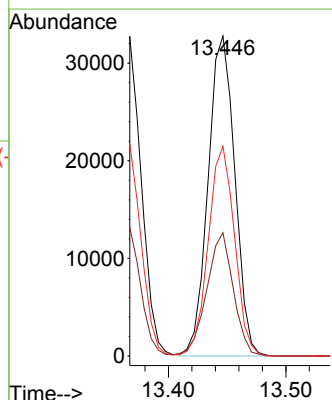
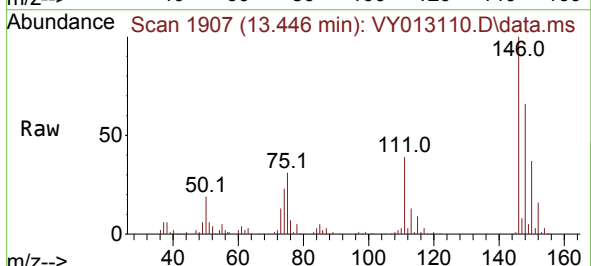
Tgt Ion:146 Resp: 51905

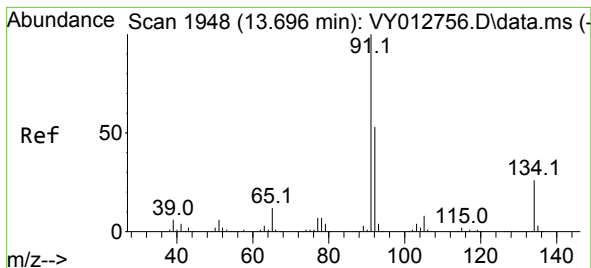
Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

148 64.5 31.5 94.5

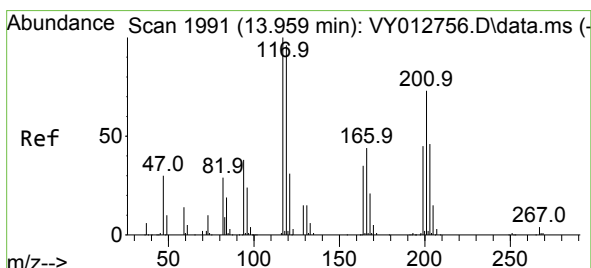
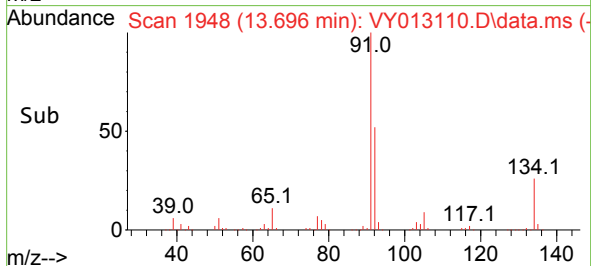
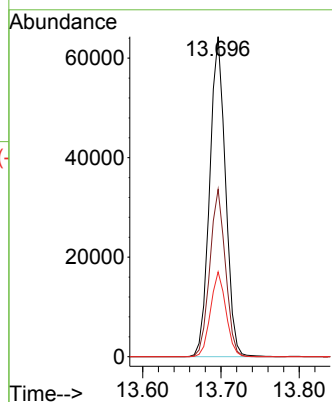
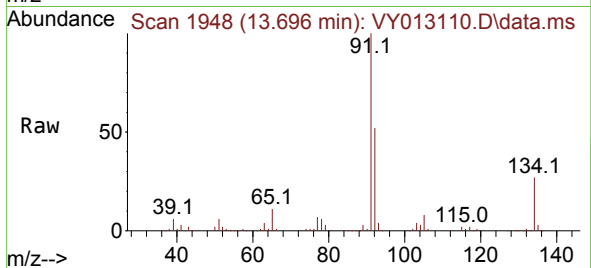




#89
n-Butylbenzene
Concen: 20.500 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

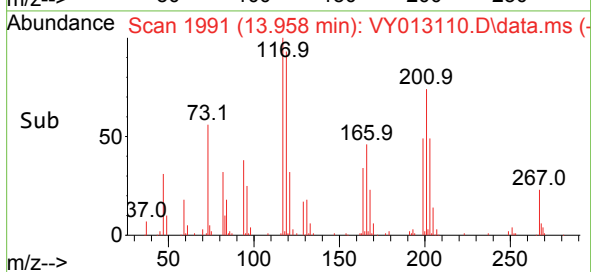
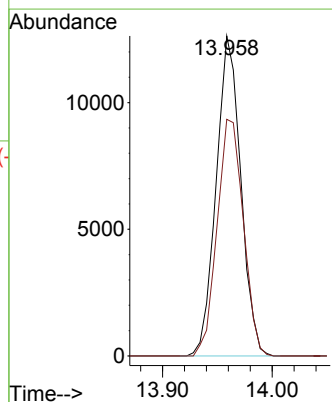
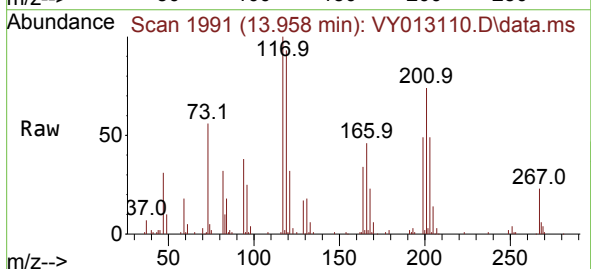
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

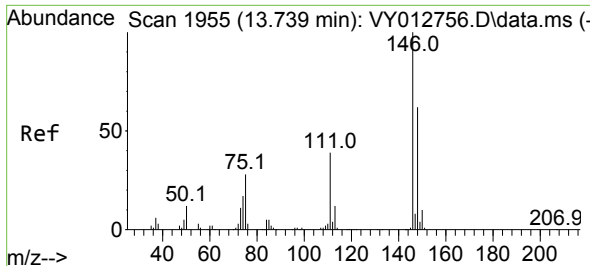
Tgt Ion: 91 Resp: 89947
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 20.635 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 117 Resp: 19698
Ion Ratio Lower Upper
117 100
201 78.9 39.4 118.1

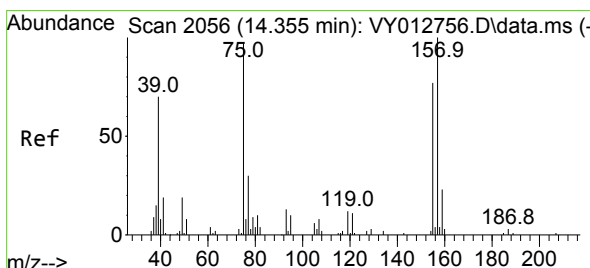
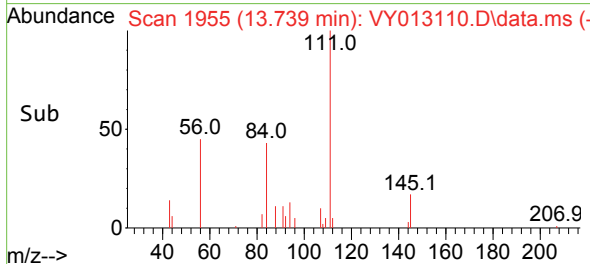
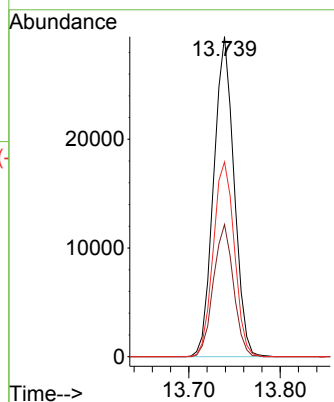
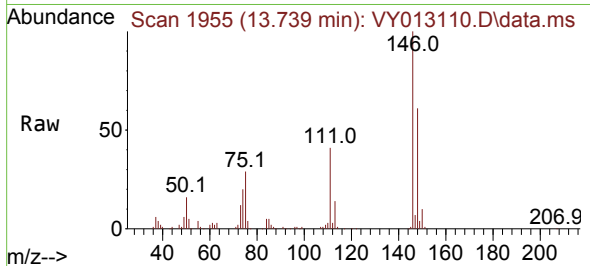




#91
1,2-Dichlorobenzene
Concen: 20.863 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

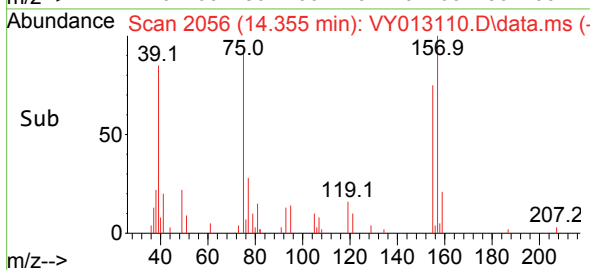
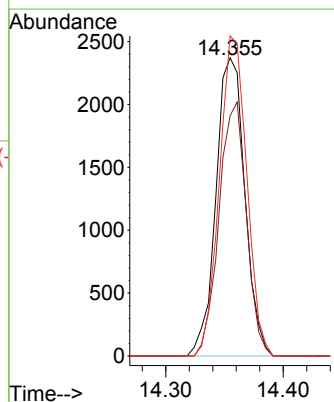
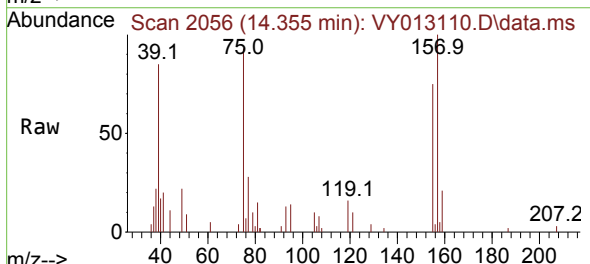
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

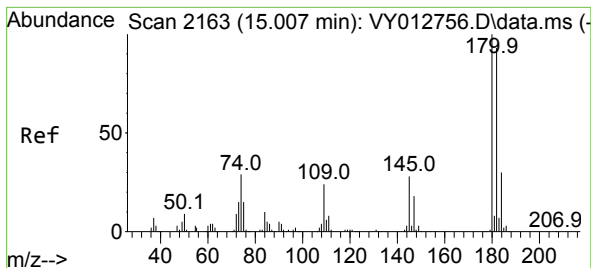
Tgt Ion:146 Resp: 45602
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.1
148 62.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.591 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013110.D
Acq: 28 Mar 2023 12:39

Tgt Ion: 75 Resp: 4048
Ion Ratio Lower Upper
75 100
155 80.4 43.8 131.4
157 101.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.705 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

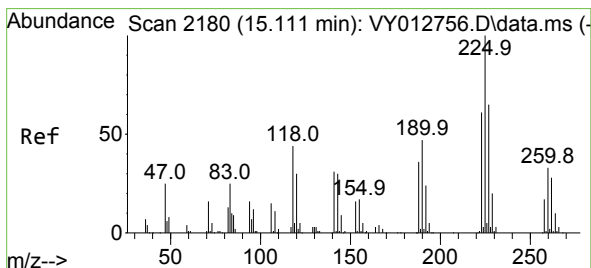
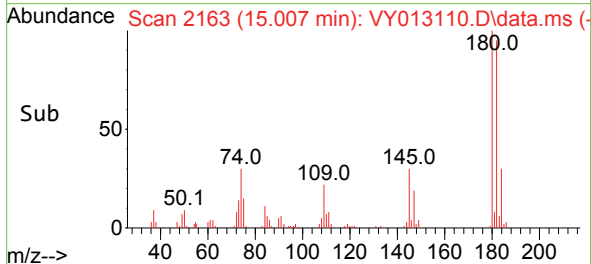
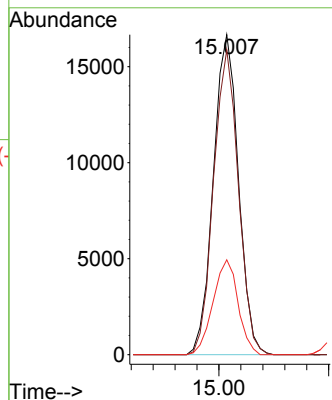
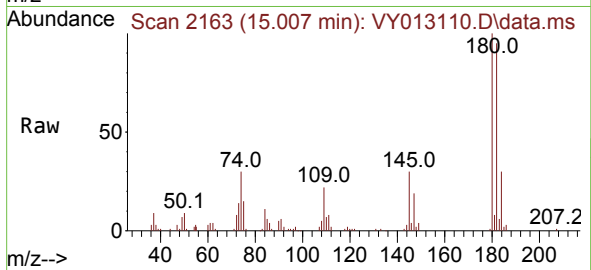
Tgt Ion:180 Resp: 26519

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.422 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

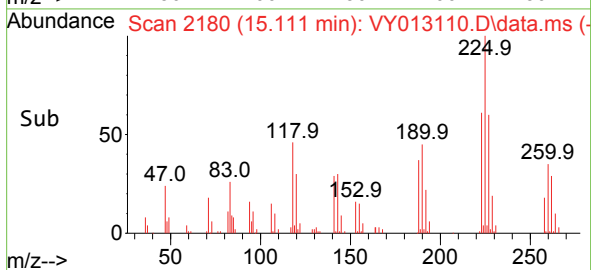
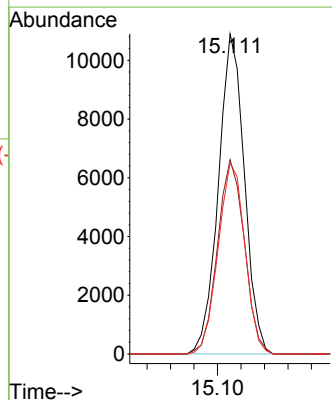
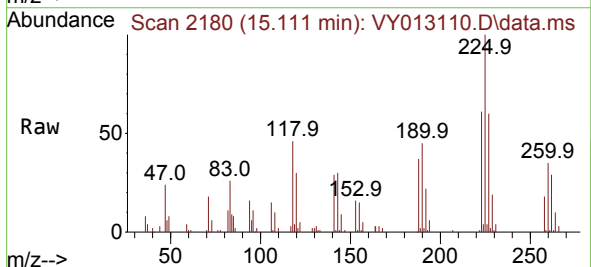
Tgt Ion:225 Resp: 16763

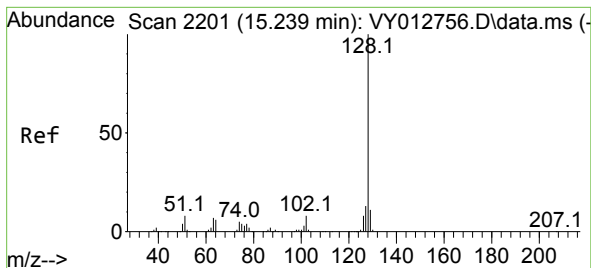
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 61.3 32.4 97.0





#95

Naphthalene

Concen: 17.472 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

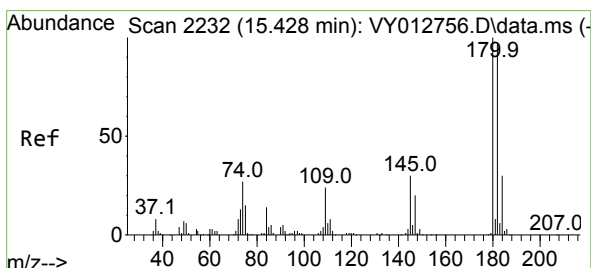
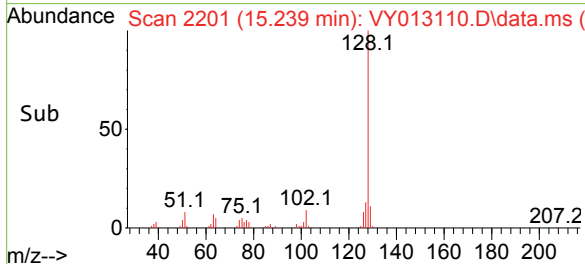
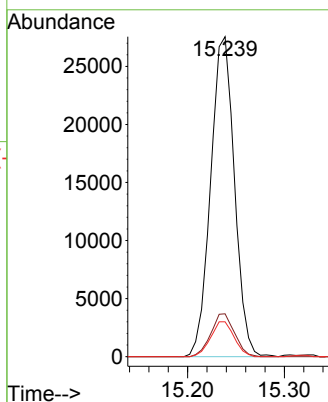
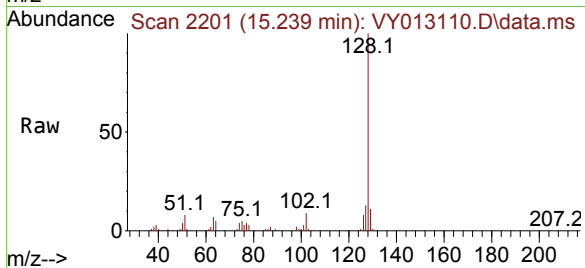
Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

Tgt Ion:128	Resp:	47119
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.3 15.5
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.799 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013110.D

Acq: 28 Mar 2023 12:39

Tgt Ion:180	Resp:	22501
Ion Ratio	Lower	Upper
180	100	
182	96.9	47.4 142.3
145	30.6	15.3 45.8

