

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012923.D
 Acq On : 13 Mar 2023 12:47
 Operator : KP/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 01:25:20 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	101858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46534	46.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.020%
35) Dibromofluoromethane	7.716	113	46232	49.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	155838	46.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.483	95	56375	49.313	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21887	21.801	ug/l	97
3) Chloromethane	2.113	50	24259	20.212	ug/l	97
4) Vinyl Chloride	2.253	62	22558	20.496	ug/l	97
5) Bromomethane	2.644	94	13991	20.921	ug/l	97
6) Chloroethane	2.790	64	13993	21.229	ug/l	90
7) Trichlorofluoromethane	3.125	101	39452	21.582	ug/l	96
8) Diethyl Ether	3.528	74	13477	21.039	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	23828	21.666	ug/l	100
10) Methyl Iodide	4.088	142	29544	20.617	ug/l	98
11) Tert butyl alcohol	4.948	59	17372	140.541	ug/l	97
12) 1,1-Dichloroethene	3.875	96	21989	20.964	ug/l	89
13) Acrolein	3.729	56	16282	91.894	ug/l	100
14) Allyl chloride	4.485	41	36827	19.007	ug/l	98
15) Acrylonitrile	5.161	53	38701	114.661	ug/l	99
16) Acetone	3.948	43	45066	113.531	ug/l	100
17) Carbon Disulfide	4.198	76	69135	19.364	ug/l	98
18) Methyl Acetate	4.479	43	25050	21.191	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	60563	22.354	ug/l	100
20) Methylene Chloride	4.716	84	31174	22.815	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	24093	21.137	ug/l	96
22) Diisopropyl ether	6.119	45	75023	21.319	ug/l	100
23) Vinyl Acetate	6.058	43	236107	107.980	ug/l	99
24) 1,1-Dichloroethane	6.021	63	42610	21.249	ug/l	98
25) 2-Butanone	6.984	43	56001	113.903	ug/l	100
26) 2,2-Dichloropropane	6.978	77	38364	21.540	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	26959	22.060	ug/l	98
28) Bromochloromethane	7.332	49	15747	21.488	ug/l	93
29) Tetrahydrofuran	7.350	42	34063	114.873	ug/l	97
30) Chloroform	7.509	83	43737	22.081	ug/l	95
31) Cyclohexane	7.783	56	37606	19.416	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	38555	21.524	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32675	21.046	ug/l	98
37) Ethyl Acetate	7.076	43	23032	23.536	ug/l	100
38) Carbon Tetrachloride	7.899	117	35757	22.302	ug/l	97
39) Methylcyclohexane	9.185	83	38044	20.611	ug/l	97
40) Benzene	8.161	78	97304	22.156	ug/l	100

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 01:25:20 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)
41) Methacrylonitrile	7.344	41	31305	59.377	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29943	22.677	ug/l	98
43) Isopropyl Acetate	8.271	43	39363	22.546	ug/l	98
44) Trichloroethene	8.941	130	26402	22.801	ug/l	100
45) 1,2-Dichloropropane	9.216	63	24461	22.038	ug/l	99
46) Dibromomethane	9.301	93	14818	23.434	ug/l	96
47) Bromodichloromethane	9.496	83	33488	22.474	ug/l	92
48) Methyl methacrylate	9.295	41	18190	22.611	ug/l	95
49) 1,4-Dioxane	9.295	88	4311	527.374	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	113809	120.174	ug/l	99
52) Toluene	10.246	92	59611	22.506	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	35346	22.614	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	39620	22.396	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	20579	23.369	ug/l	97
56) Ethyl methacrylate	10.508	69	27303	23.252	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34830	23.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	70129	113.770	ug/l	99
59) 2-Hexanone	10.831	43	83525	121.352	ug/l	98
60) Dibromochloromethane	10.984	129	25058	23.376	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20292	23.921	ug/l	98
64) Tetrachloroethene	10.721	164	22753	22.229	ug/l	98
65) Chlorobenzene	11.514	112	64611	21.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25043	22.937	ug/l	100
67) Ethyl Benzene	11.593	91	112319	21.652	ug/l	100
68) m/p-Xylenes	11.703	106	88708	44.451	ug/l	99
69) o-Xylene	12.032	106	41115	22.075	ug/l	96
70) Styrene	12.044	104	70597	22.714	ug/l	98
71) Bromoform	12.209	173	17239	24.217	ug/l #	99
73) Isopropylbenzene	12.331	105	108822	21.250	ug/l	99
74) N-amyl acetate	12.142	43	33702	20.917	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	26234	22.789	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	34449	39.923	ug/l #	100
77) Bromobenzene	12.605	156	27534	22.133	ug/l	97
78) n-propylbenzene	12.672	91	135864	21.519	ug/l	100
79) 2-Chlorotoluene	12.758	91	75607	21.547	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	91349	21.615	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9187	22.061	ug/l	100
82) 4-Chlorotoluene	12.855	91	79783	21.965	ug/l	99
83) tert-Butylbenzene	13.075	119	78501	21.521	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	90411	21.878	ug/l	100
85) sec-Butylbenzene	13.251	105	119355	21.448	ug/l	99
86) p-Isopropyltoluene	13.367	119	98819	21.728	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54363	22.657	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	53485	21.841	ug/l	97
89) n-Butylbenzene	13.696	91	91585	21.035	ug/l	99
90) Hexachloroethane	13.959	117	20837	21.997	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	48987	22.586	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4402	23.661	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	29396	22.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	17151	21.057	ug/l	98
95) Naphthalene	15.239	128	57982	21.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25498	21.469	ug/l	97

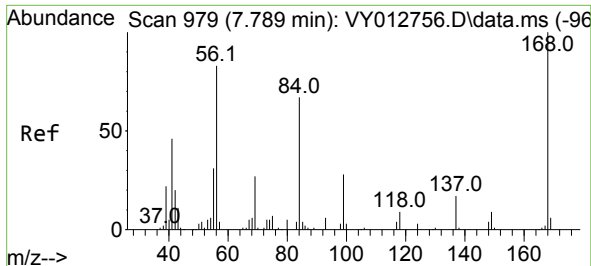
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012923.D
Acq On : 13 Mar 2023 12:47
Operator : KP/MD
Sample : VY0313SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

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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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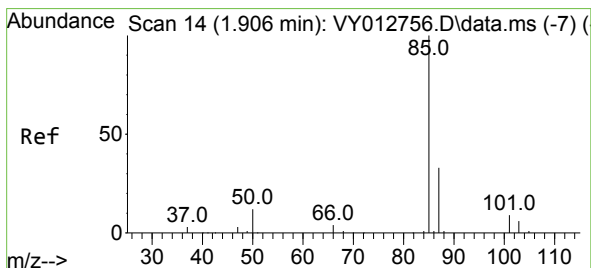
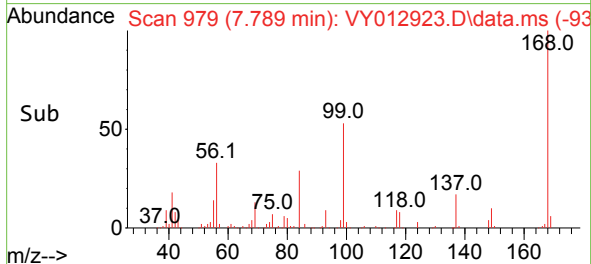
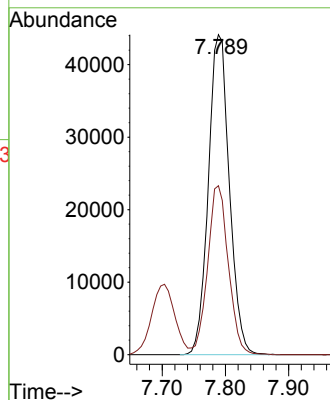
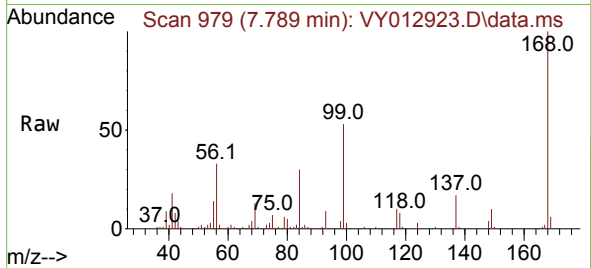
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

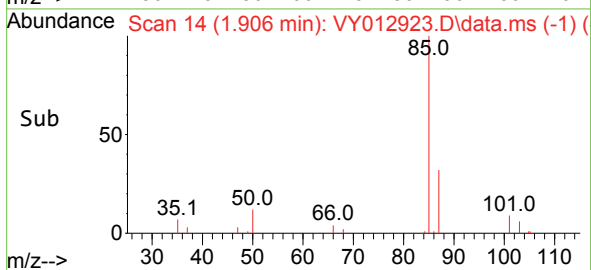
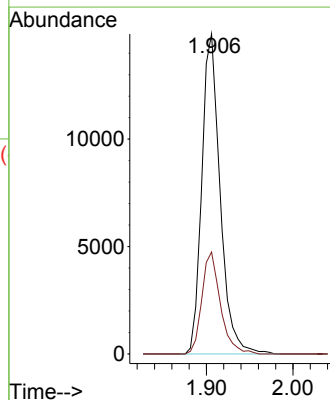
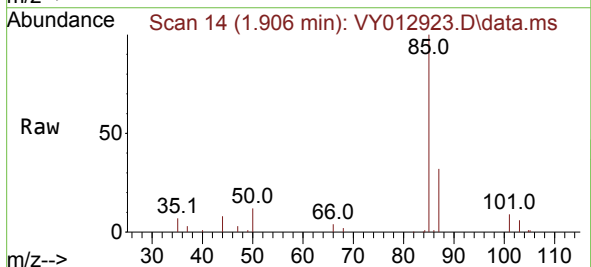
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

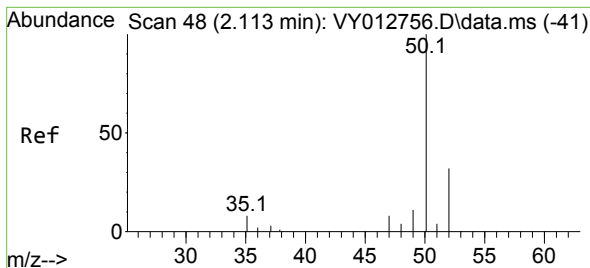
Tgt Ion:168 Resp: 101858
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.801 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 85 Resp: 21887
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0





#3

Chloromethane

Concen: 20.212 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

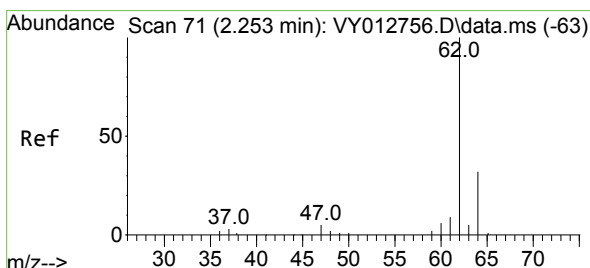
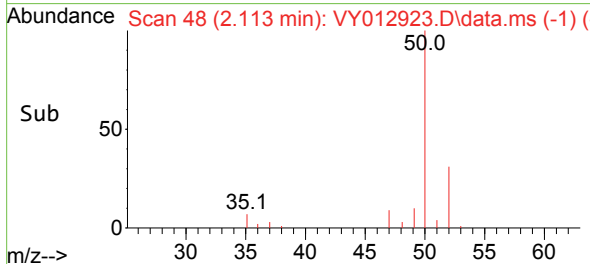
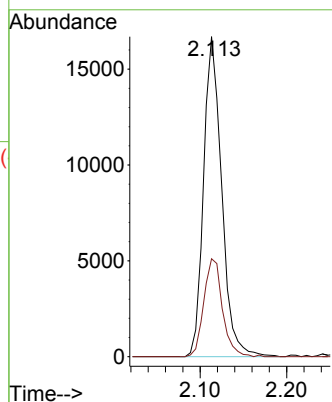
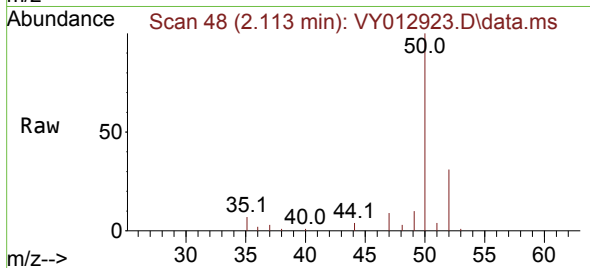
VY0313SBS01

Tgt Ion: 50 Resp: 24259

Ion Ratio Lower Upper

50 100

52 30.6 26.0 39.0



#4

Vinyl Chloride

Concen: 20.496 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012923.D

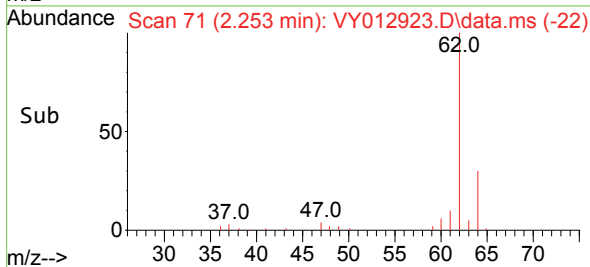
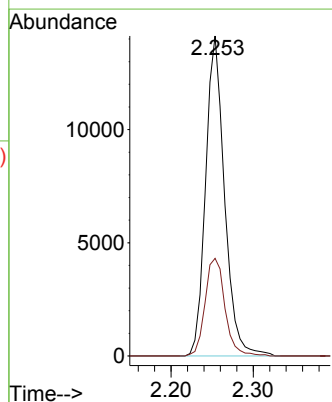
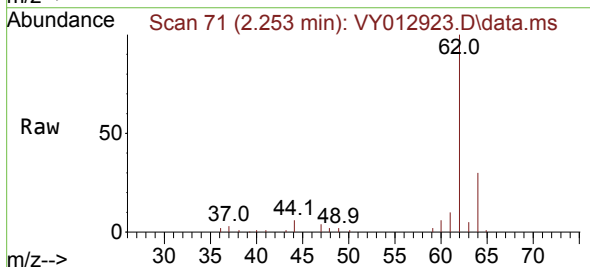
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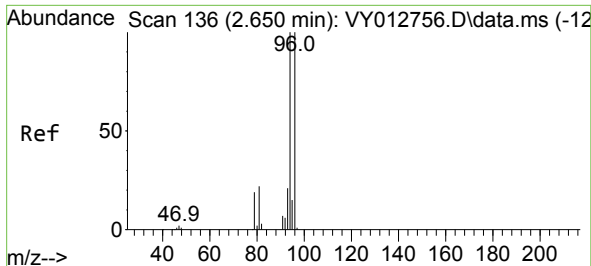
Tgt Ion: 62 Resp: 22558

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 20.921 ug/l

RT: 2.644 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

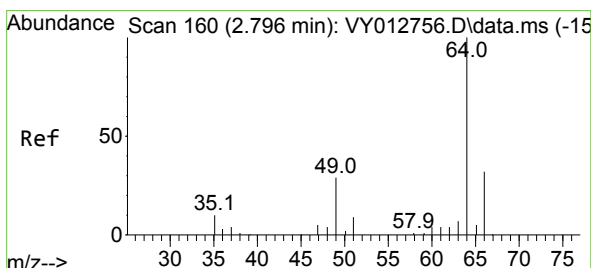
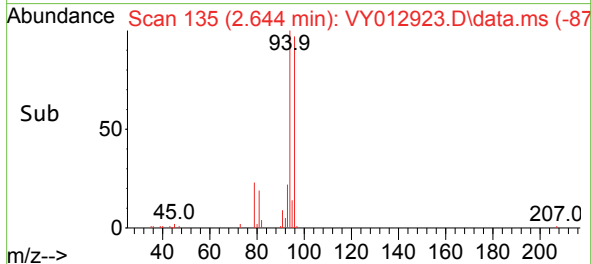
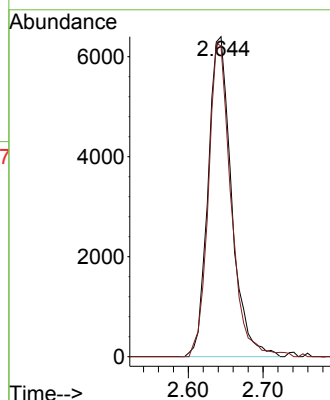
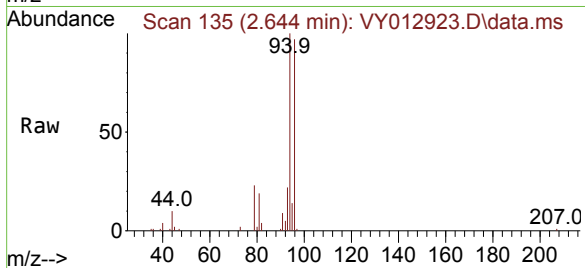
VY0313SBS01

Tgt Ion: 94 Resp: 13991

Ion Ratio Lower Upper

94 100

96 97.1 80.3 120.5



#6

Chloroethane

Concen: 21.229 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012923.D

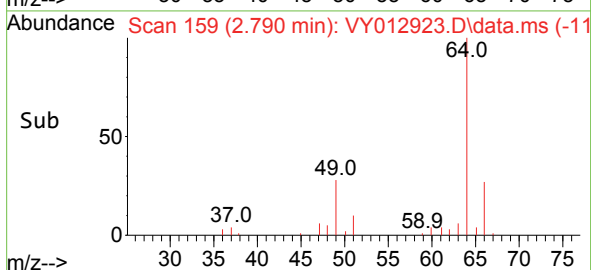
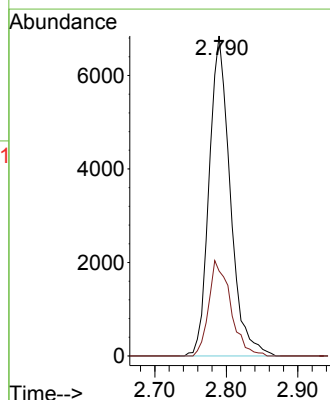
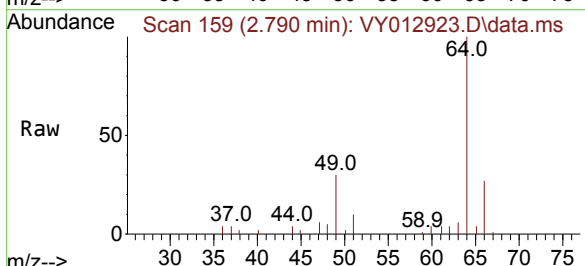
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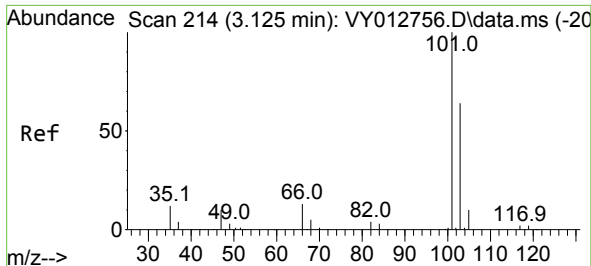
Tgt Ion: 64 Resp: 13993

Ion Ratio Lower Upper

64 100

66 26.6 25.7 38.5

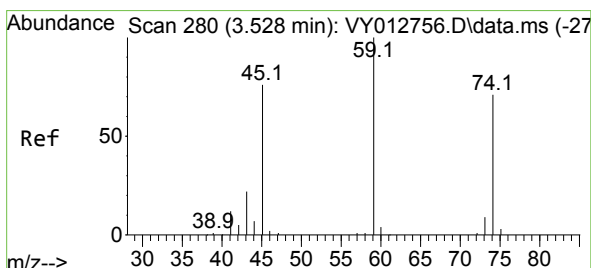
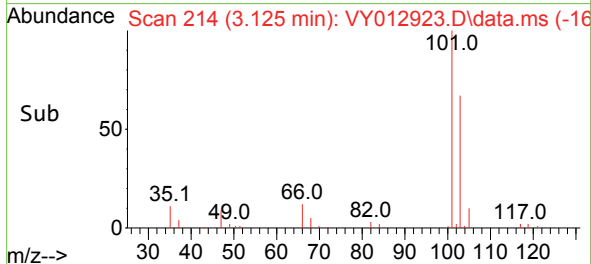
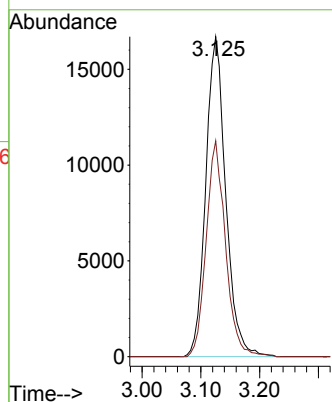
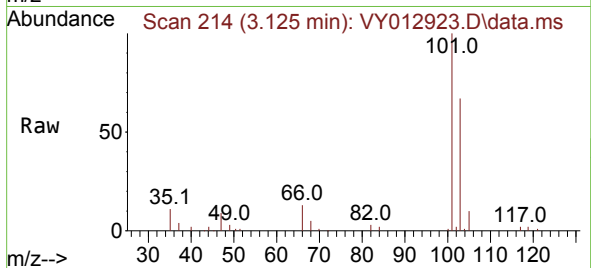




#7
Trichlorofluoromethane
Concen: 21.582 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

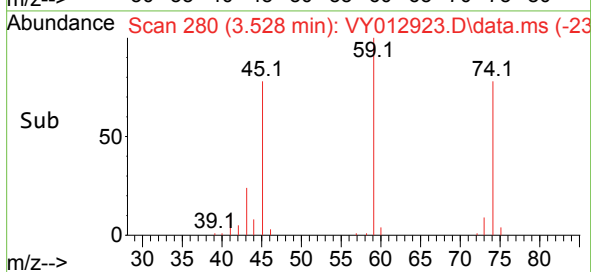
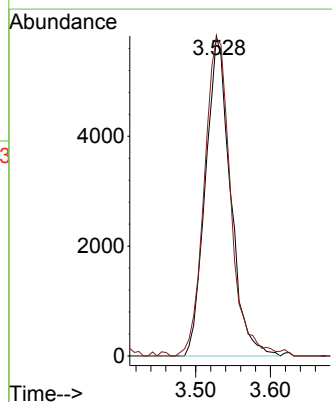
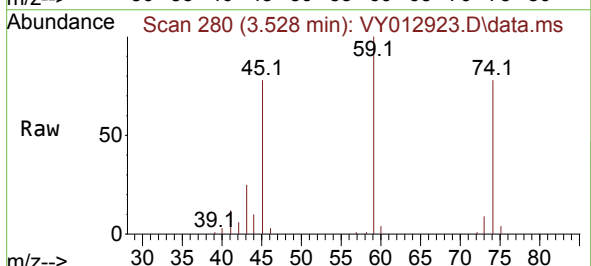
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

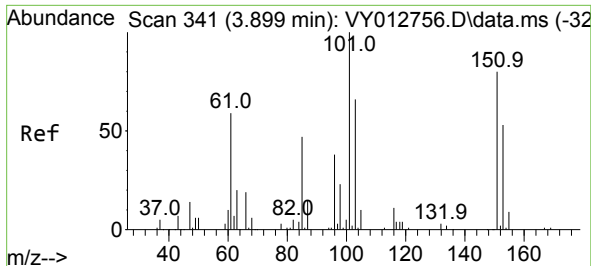
Tgt Ion:101 Resp: 39452
Ion Ratio Lower Upper
101 100
103 67.5 51.5 77.3



#8
Diethyl Ether
Concen: 21.039 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 74 Resp: 13477
Ion Ratio Lower Upper
74 100
45 105.7 52.1 156.4

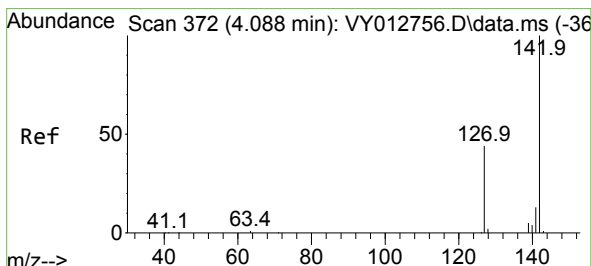
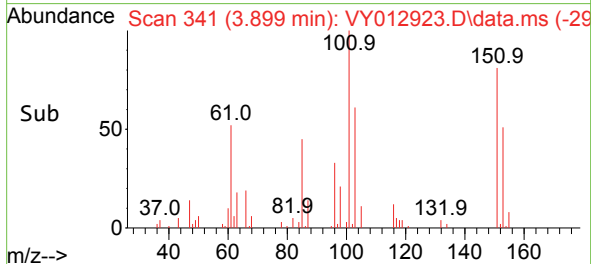
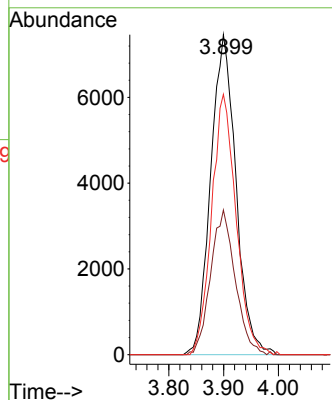
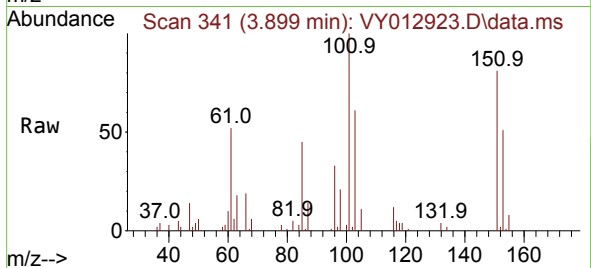




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.666 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

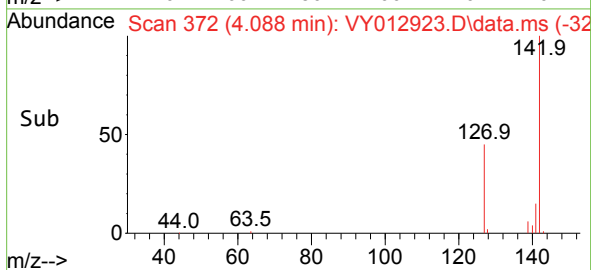
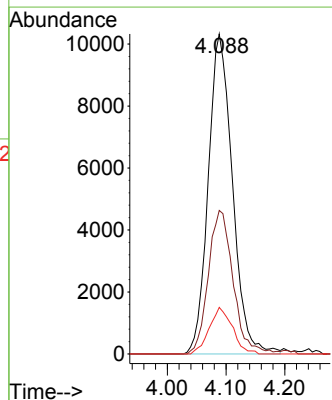
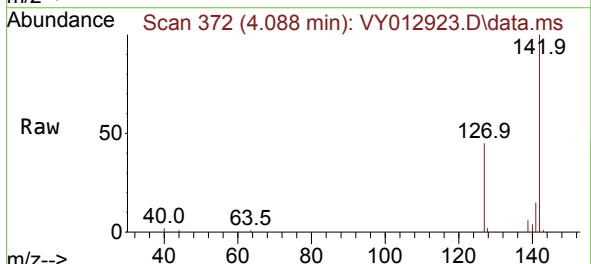
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

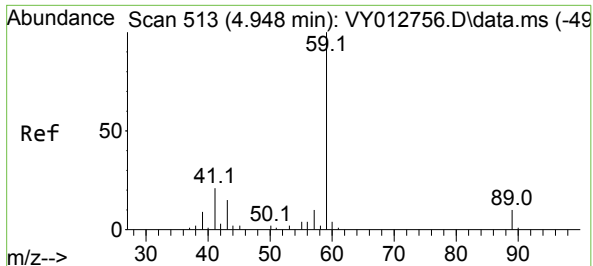
Tgt Ion:	101	Resp:	23828
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.3	52.9
151	78.9	63.1	94.7



#10
 Methyl Iodide
 Concen: 20.617 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

Tgt Ion:	142	Resp:	29544
Ion	Ratio	Lower	Upper
142	100		
127	45.9	35.4	53.2
141	14.0	11.3	16.9





#11

Tert butyl alcohol

Concen: 140.541 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

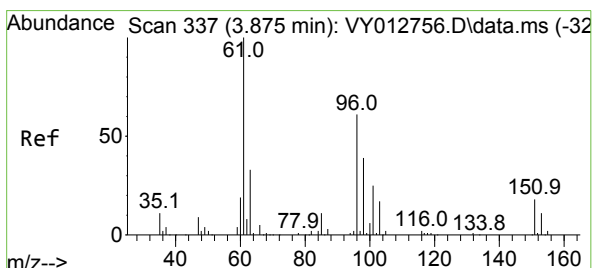
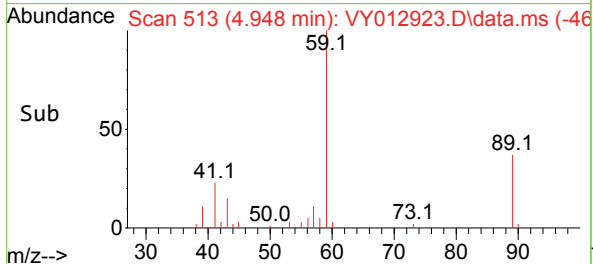
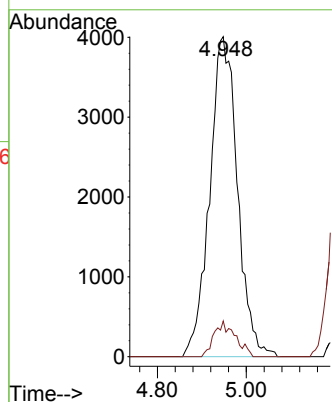
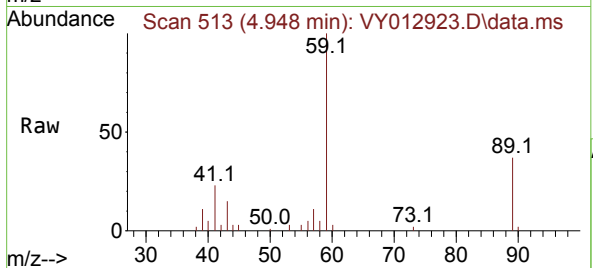
VY0313SBS01

Tgt Ion: 59 Resp: 17372

Ion Ratio Lower Upper

59 100

57 8.5 7.7 11.5



#12

1,1-Dichloroethene

Concen: 20.964 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

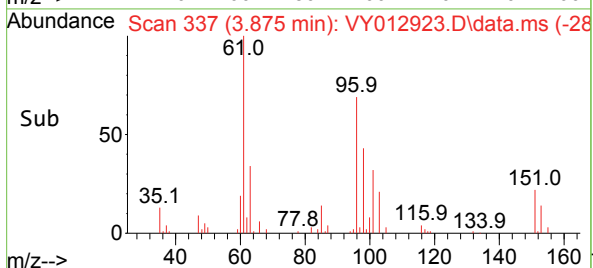
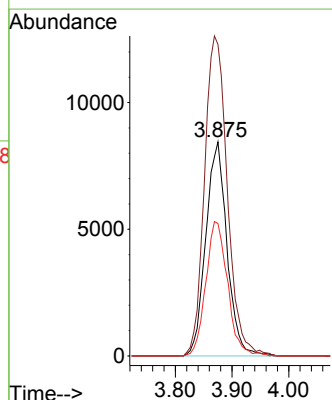
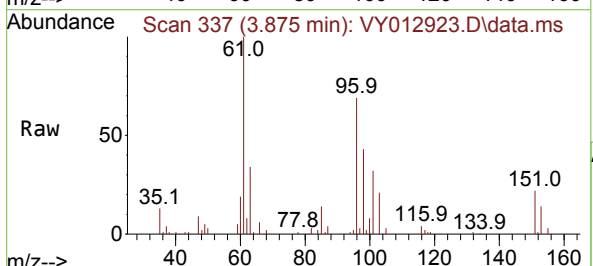
Tgt Ion: 96 Resp: 21989

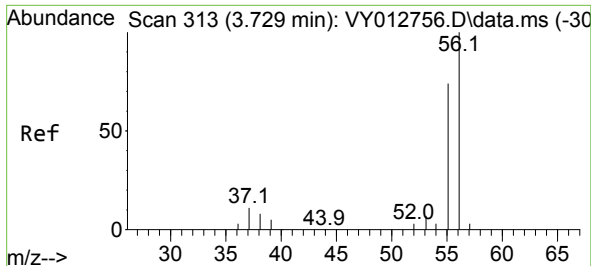
Ion Ratio Lower Upper

96 100

61 145.6 131.7 197.5

98 61.9 52.0 78.0





#13

Acrolein

Concen: 91.894 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

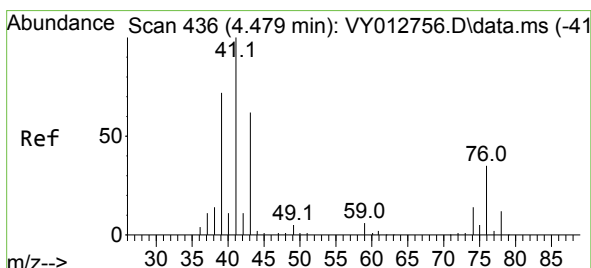
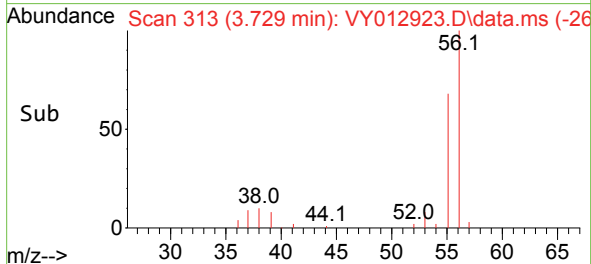
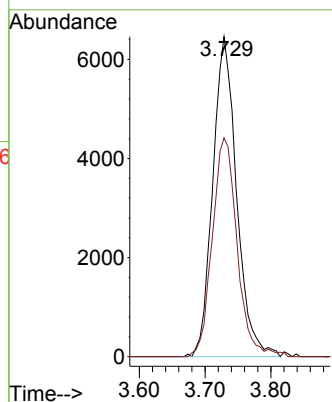
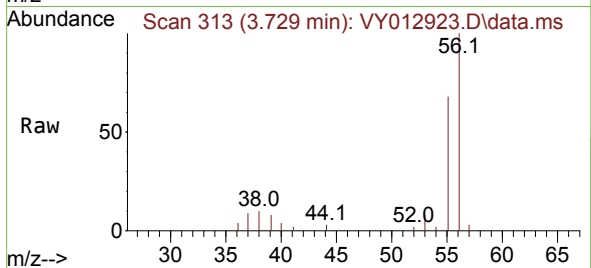
VY0313SBS01

Tgt Ion: 56 Resp: 16282

Ion Ratio Lower Upper

56 100

55 71.2 56.8 85.2



#14

Allyl chloride

Concen: 19.007 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

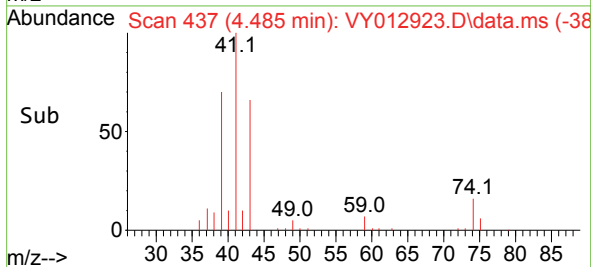
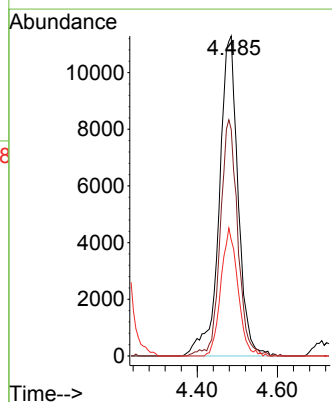
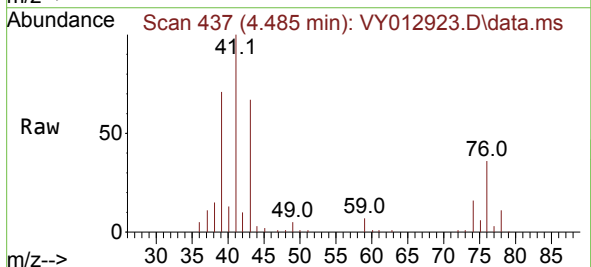
Tgt Ion: 41 Resp: 36827

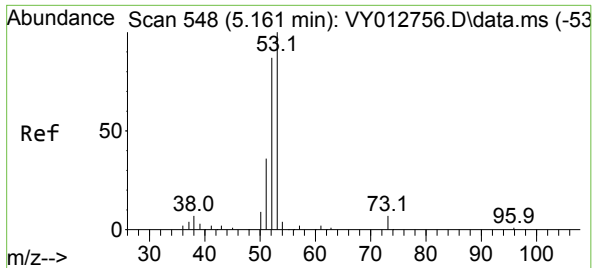
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 36.1 27.2 40.8

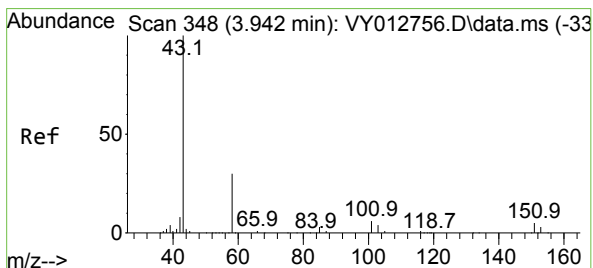
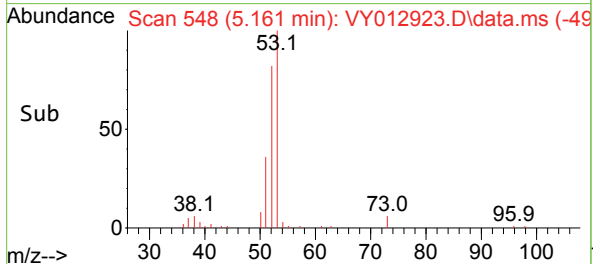
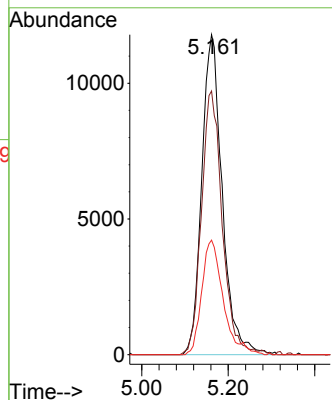
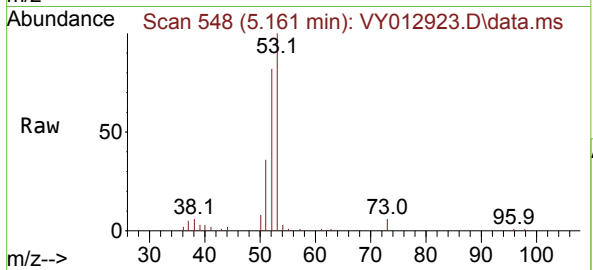




#15
Acrylonitrile
Concen: 114.661 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

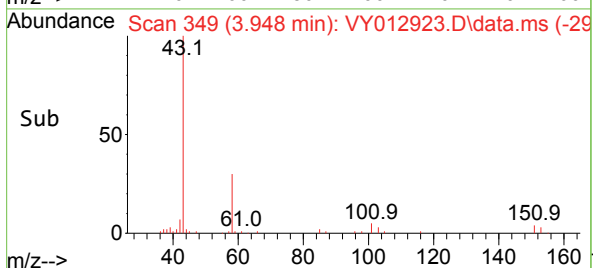
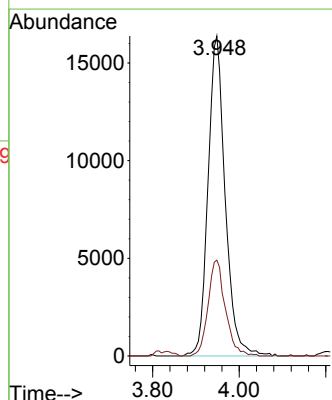
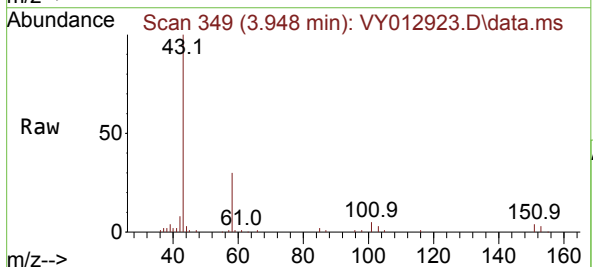
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

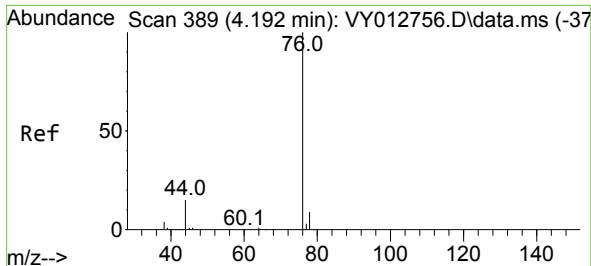
Tgt Ion: 53 Resp: 38701
Ion Ratio Lower Upper
53 100
52 83.8 66.3 99.5
51 37.4 28.8 43.2



#16
Acetone
Concen: 113.531 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 43 Resp: 45066
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2

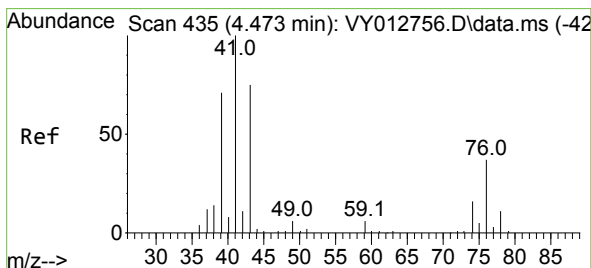
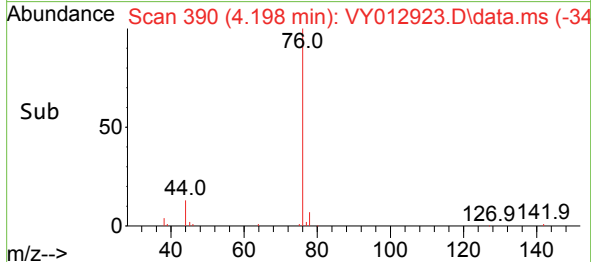
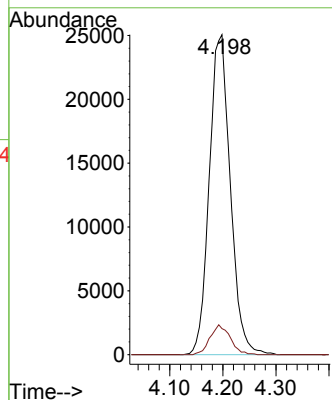
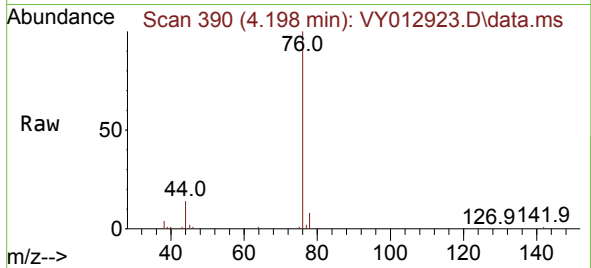




#17
Carbon Disulfide
Concen: 19.364 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

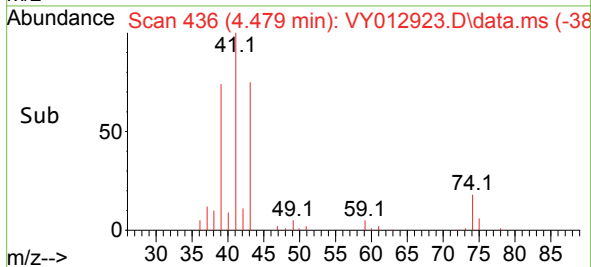
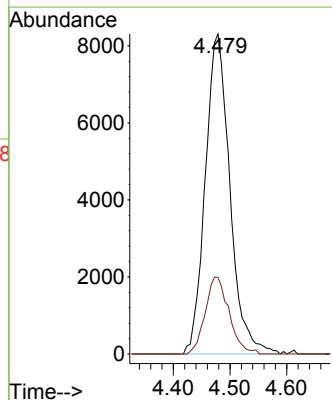
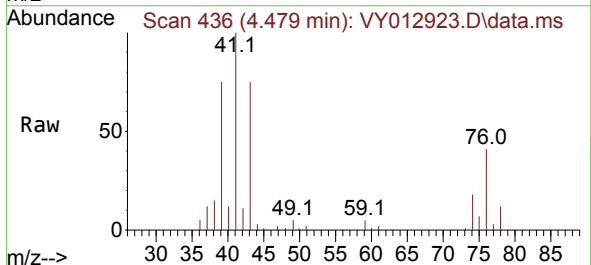
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

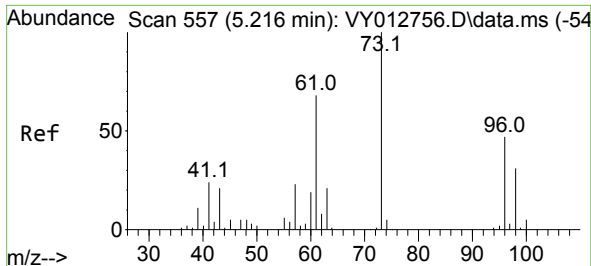
Tgt Ion: 76 Resp: 69135
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#18
Methyl Acetate
Concen: 21.191 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 43 Resp: 25050
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0

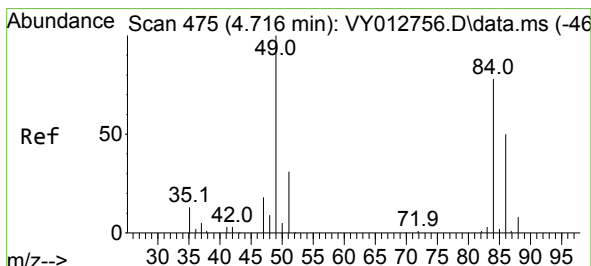
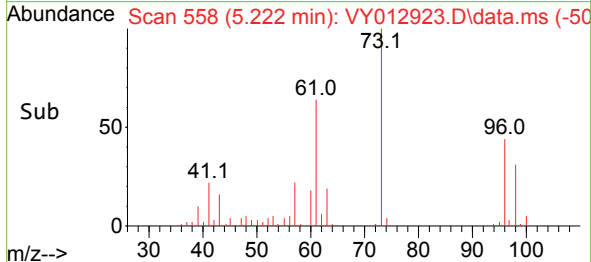
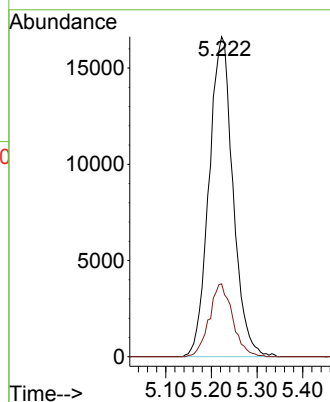
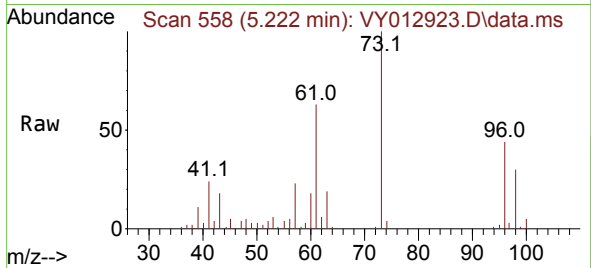




#19
Methyl tert-butyl Ether
Concen: 22.354 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

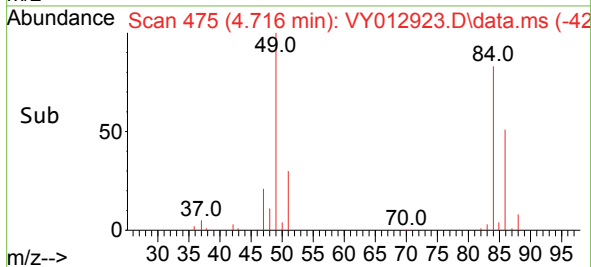
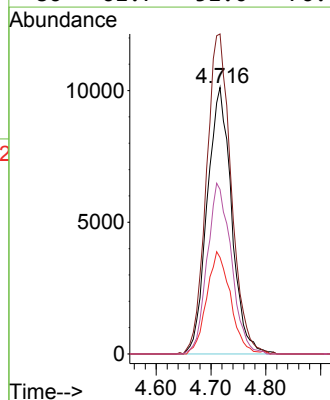
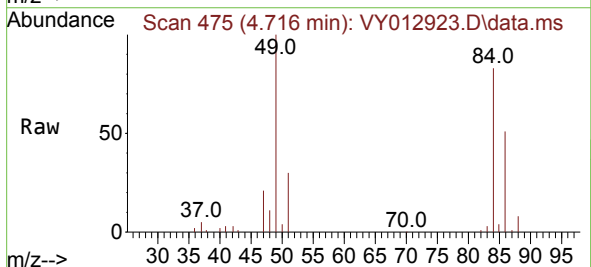
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

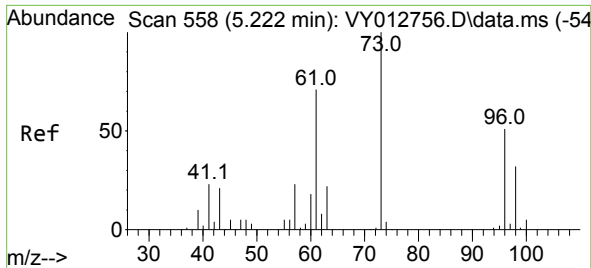
Tgt Ion: 73 Resp: 60563
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 22.815 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 84 Resp: 31174
Ion Ratio Lower Upper
84 100
49 120.1 102.6 154.0
51 36.2 31.9 47.9
86 61.7 51.0 76.6

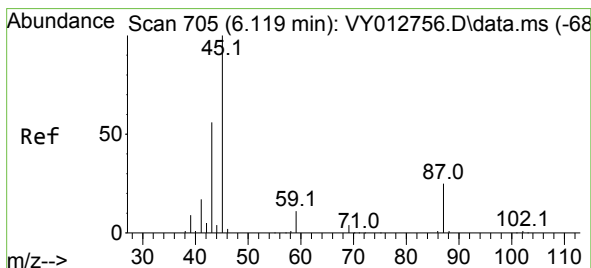
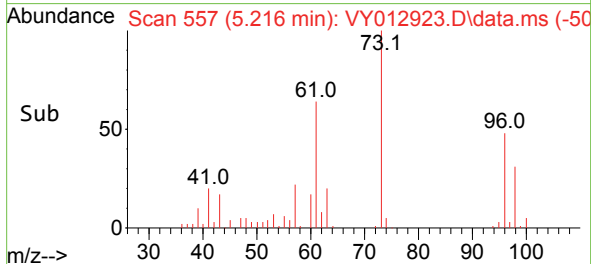
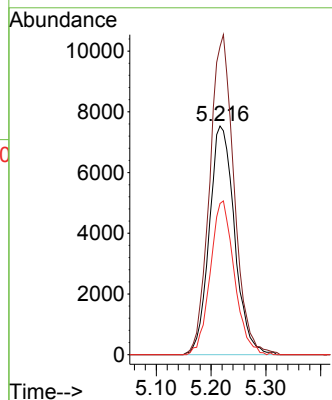
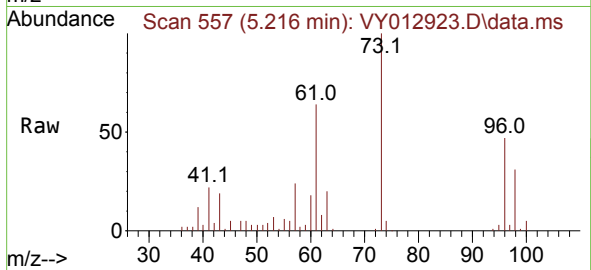




#21
trans-1,2-Dichloroethene
Concen: 21.137 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

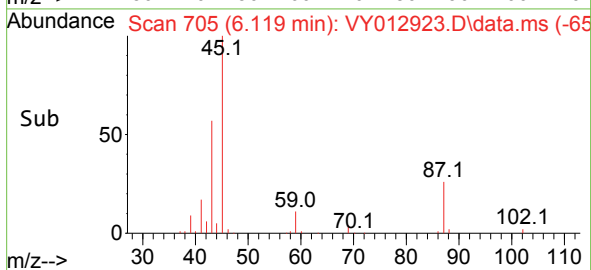
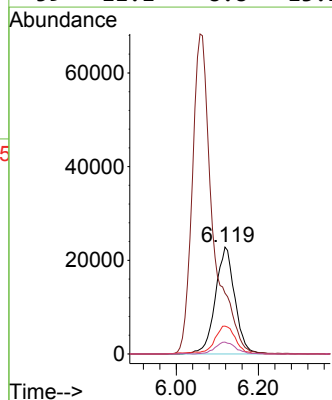
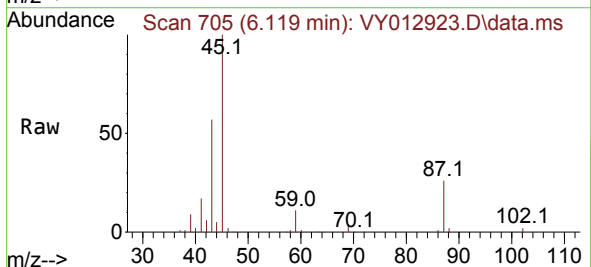
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

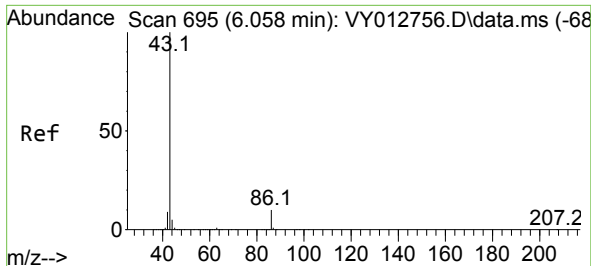
Tgt Ion: 96 Resp: 24093
Ion Ratio Lower Upper
96 100
61 134.7 111.4 167.0
98 66.1 50.8 76.2



#22
Diisopropyl ether
Concen: 21.319 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 45 Resp: 75023
Ion Ratio Lower Upper
45 100
43 56.2 45.0 67.6
87 26.1 20.3 30.5
59 11.1 8.8 13.2

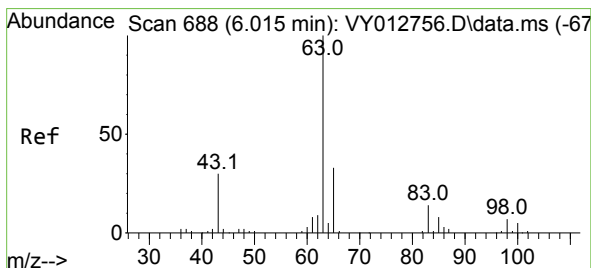
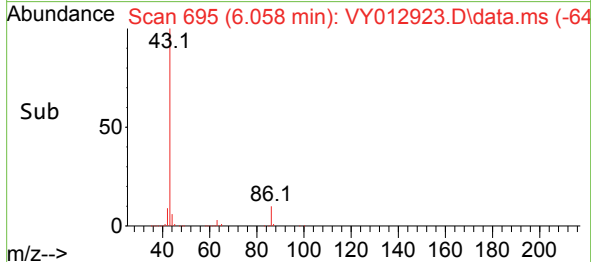
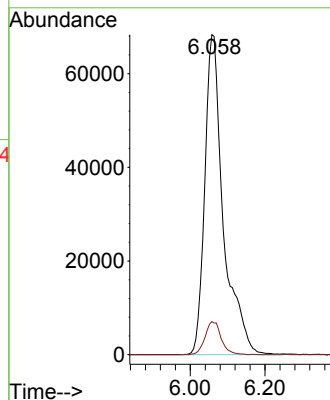
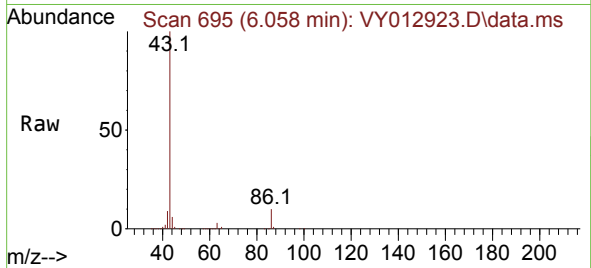




#23
 Vinyl Acetate
 Concen: 107.980 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

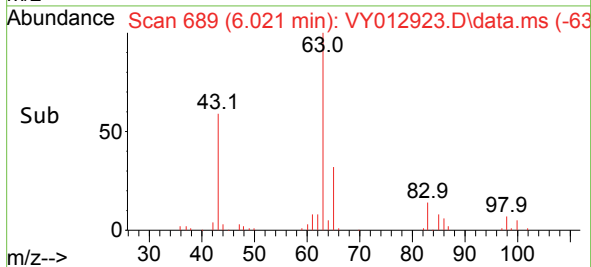
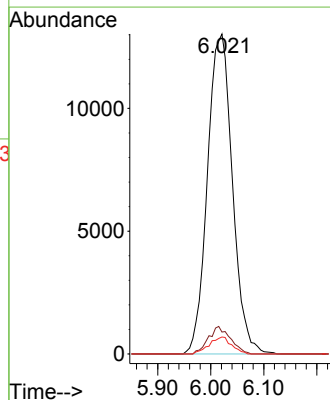
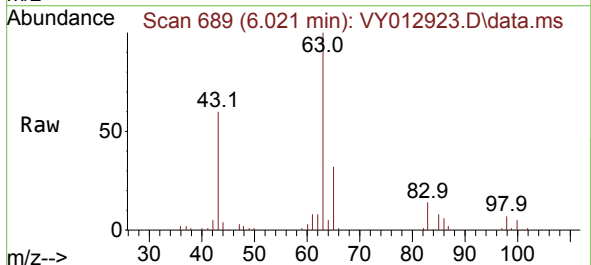
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBSD01

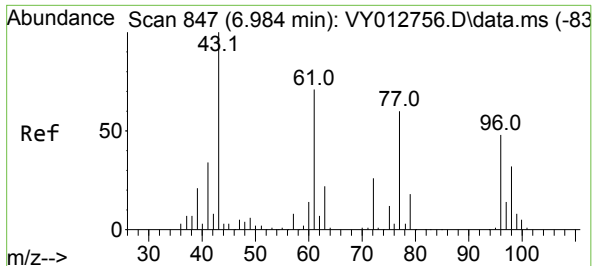
Tgt Ion: 43 Resp: 236107
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.249 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

Tgt Ion: 63 Resp: 42610
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 113.903 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

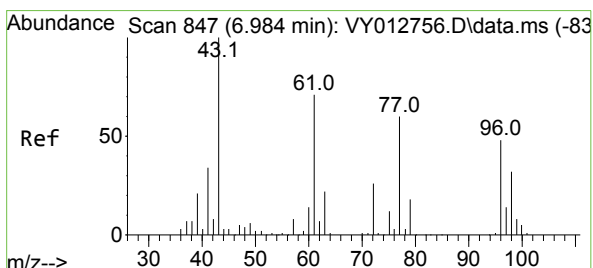
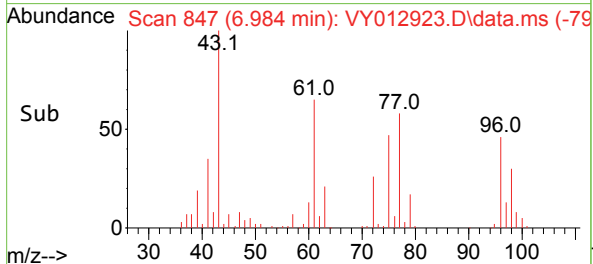
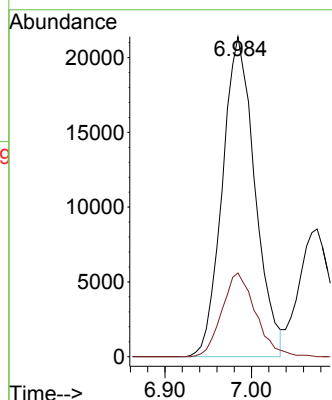
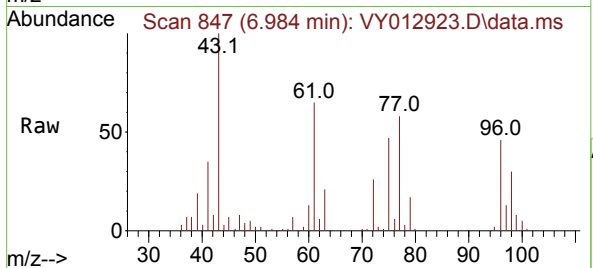
VY0313SBS01

Tgt Ion: 43 Resp: 56001

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.540 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012923.D

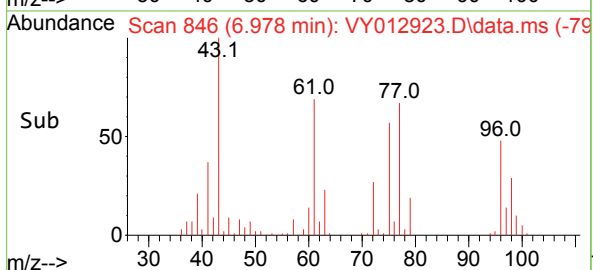
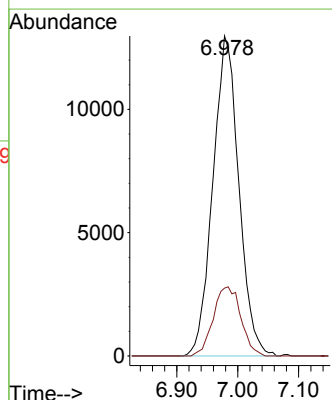
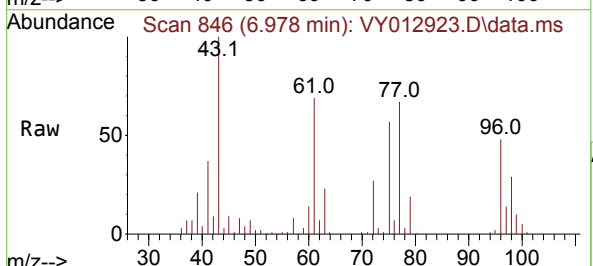
Acq: 13 Mar 2023 12:47

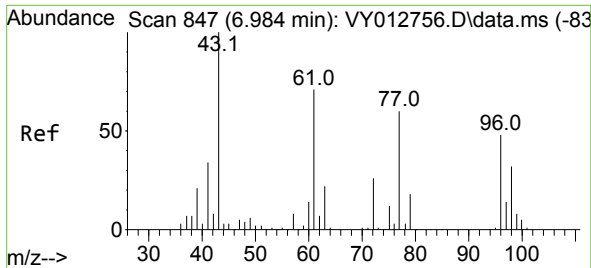
Tgt Ion: 77 Resp: 38364

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0

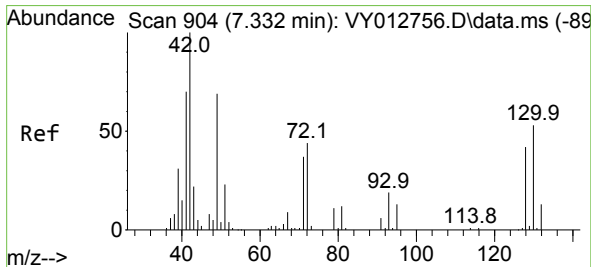
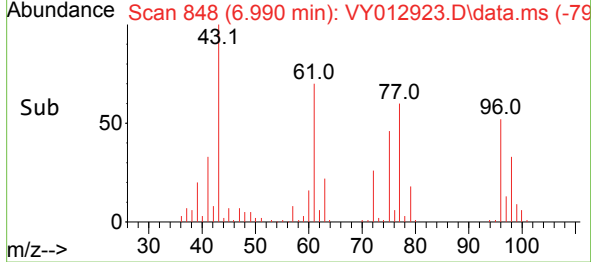
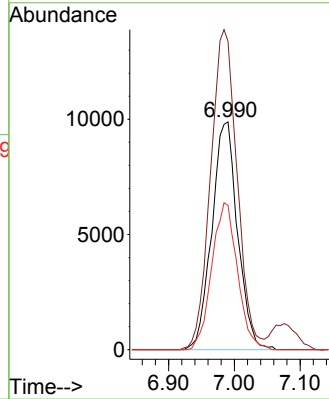
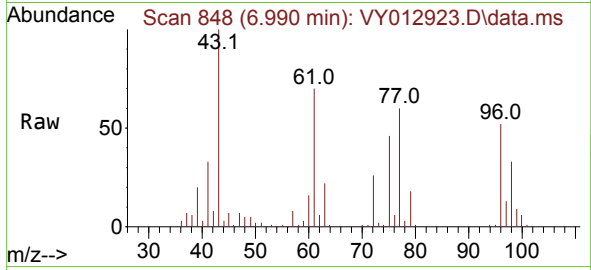




#27
 cis-1,2-Dichloroethene
 Concen: 22.060 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

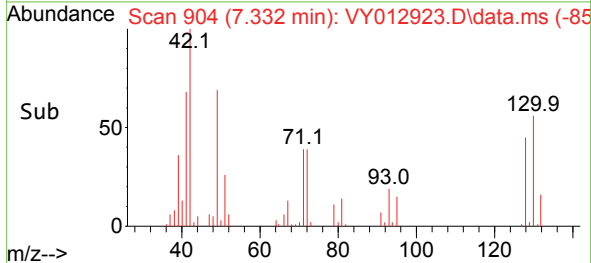
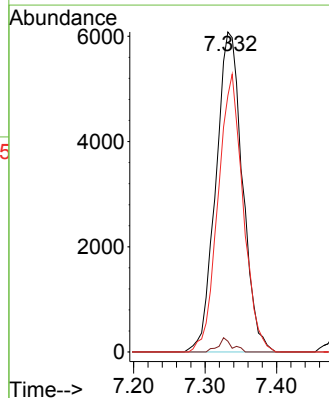
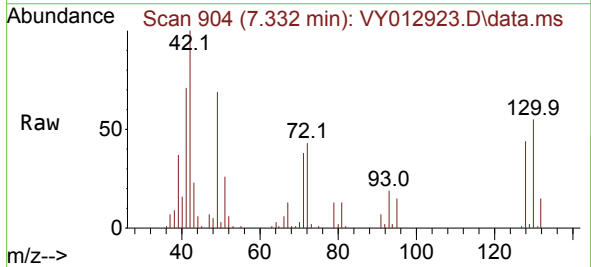
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

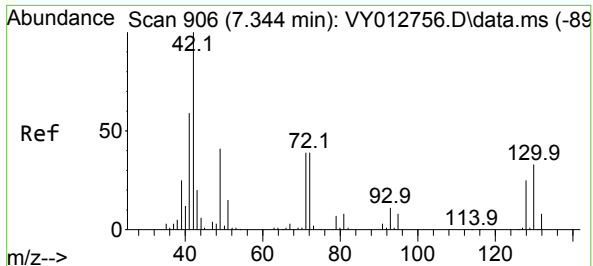
Tgt Ion: 96 Resp: 26959
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 295.8
 98 64.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 21.488 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

Tgt Ion: 49 Resp: 15747
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 81.9 60.5 90.7





#29

Tetrahydrofuran

Concen: 114.873 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

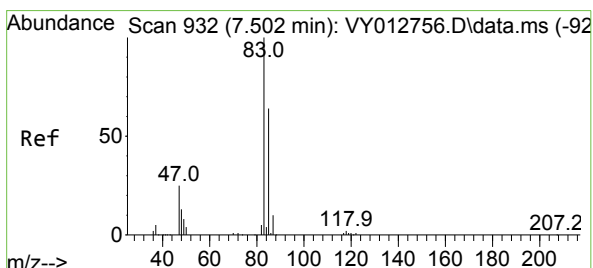
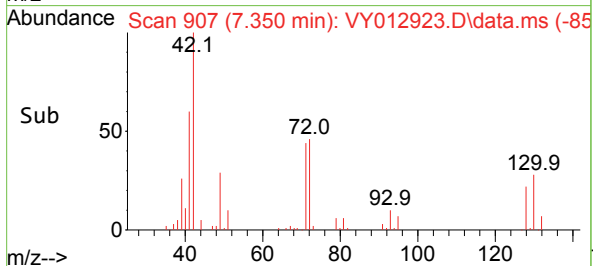
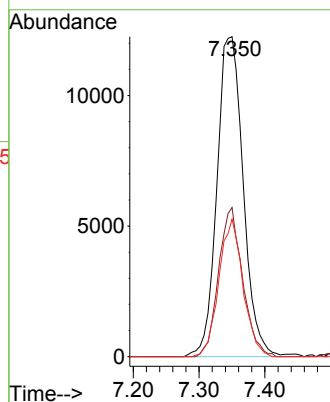
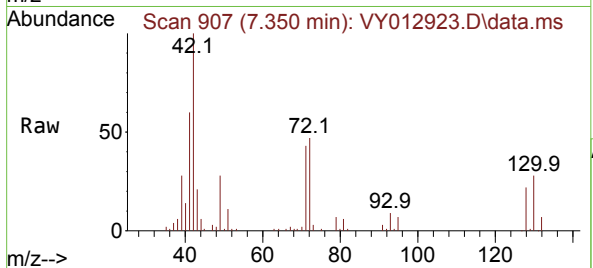
Tgt Ion: 42 Resp: 34063

Ion Ratio Lower Upper

42 100

72 42.7 32.3 48.5

71 39.4 30.3 45.5



#30

Chloroform

Concen: 22.081 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY012923.D

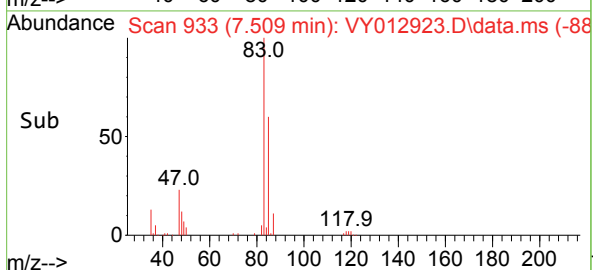
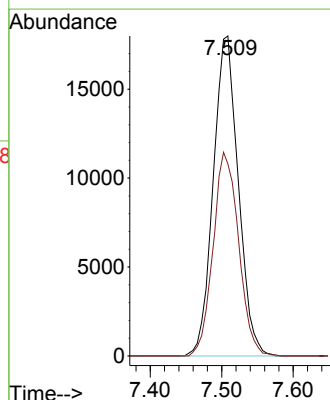
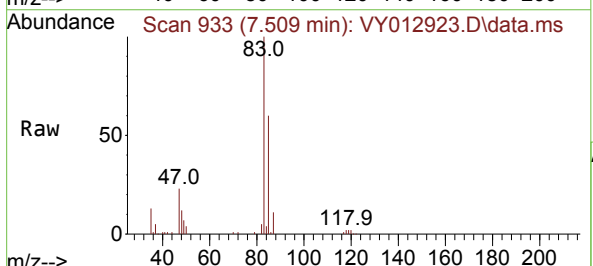
Acq: 13 Mar 2023 12:47

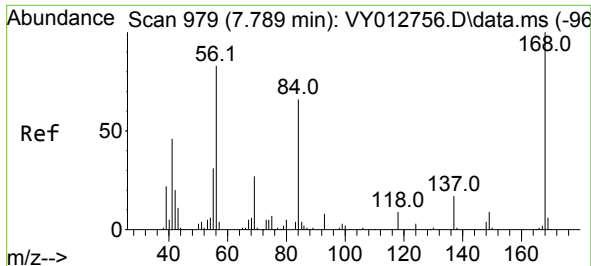
Tgt Ion: 83 Resp: 43737

Ion Ratio Lower Upper

83 100

85 60.0 51.4 77.0

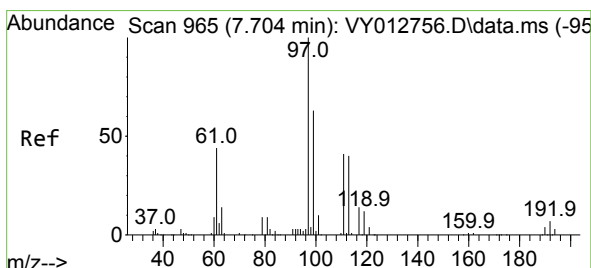
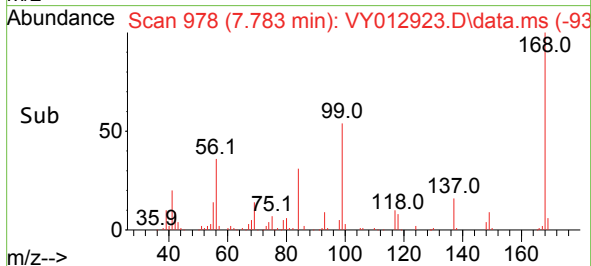
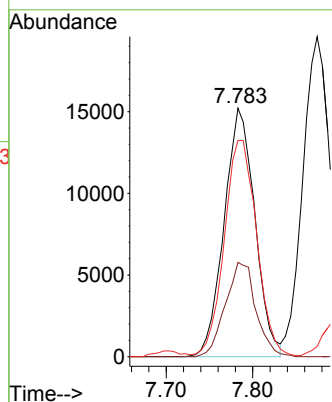
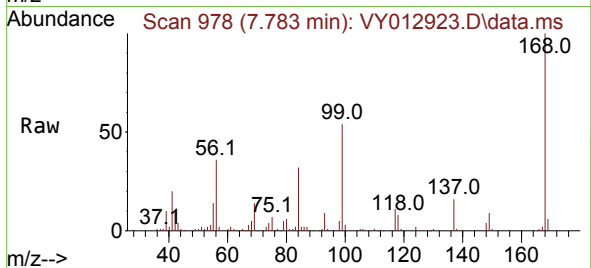




#31
Cyclohexane
Concen: 19.416 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

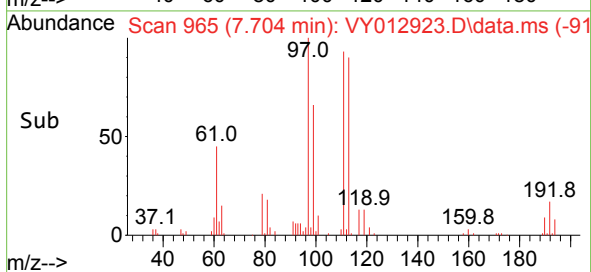
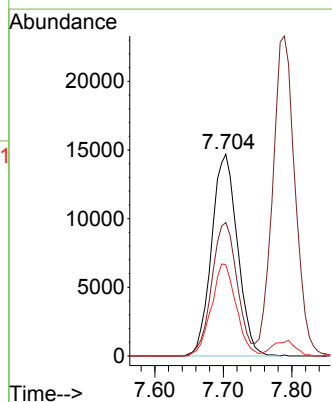
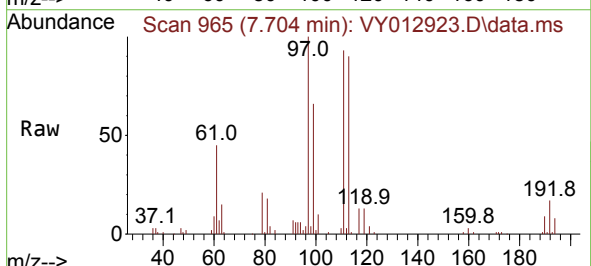
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

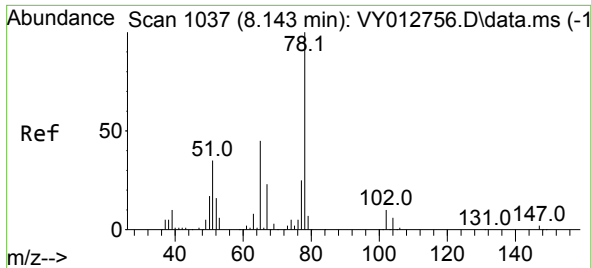
Tgt Ion: 56 Resp: 37606
Ion Ratio Lower Upper
56 100
69 37.9 25.7 38.5
84 86.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.524 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 97 Resp: 38555
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 43.7 34.5 51.7

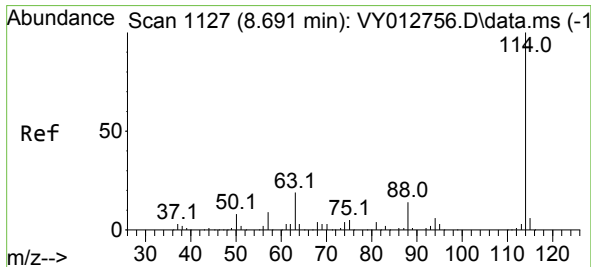
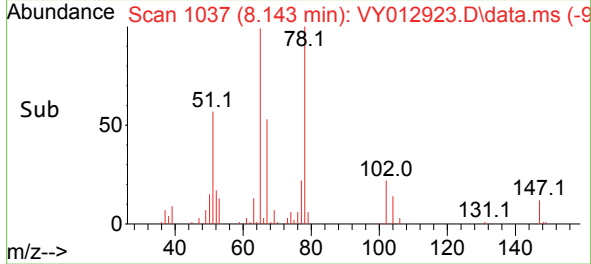
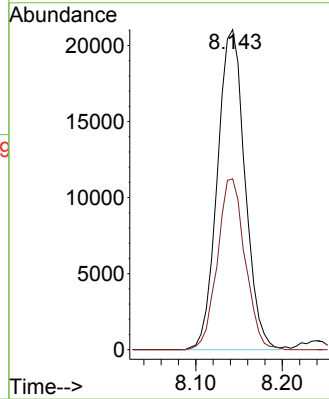
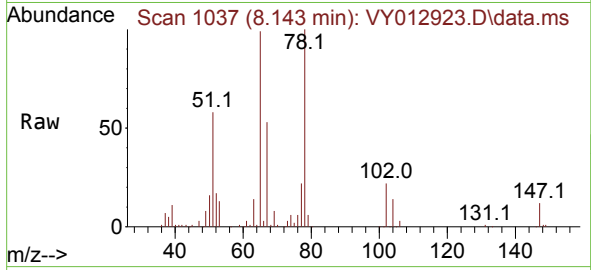




#33
 1,2-Dichloroethane-d4
 Concen: 46.013 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

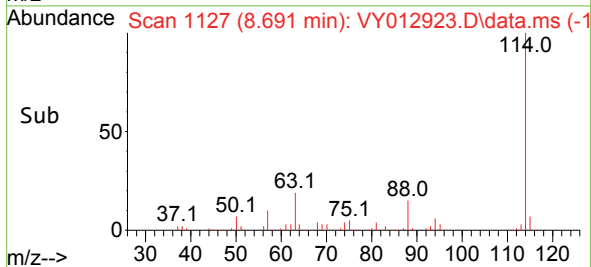
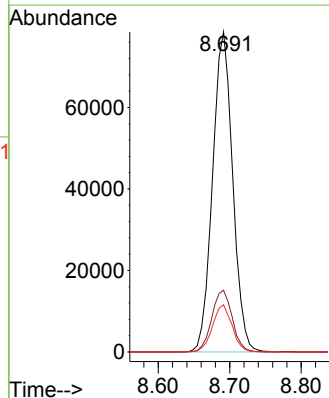
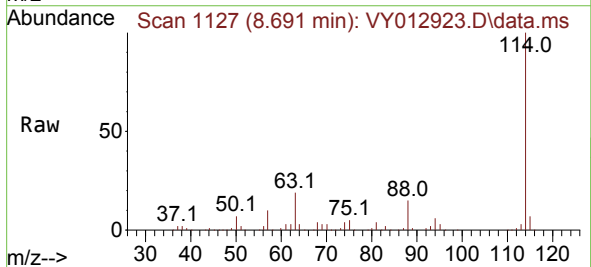
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

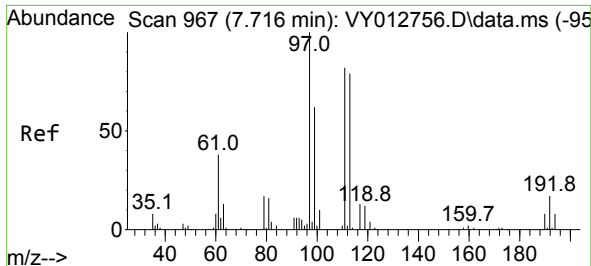
Tgt Ion: 65 Resp: 46534
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

Tgt Ion: 114 Resp: 153519
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.8 0.0 28.6

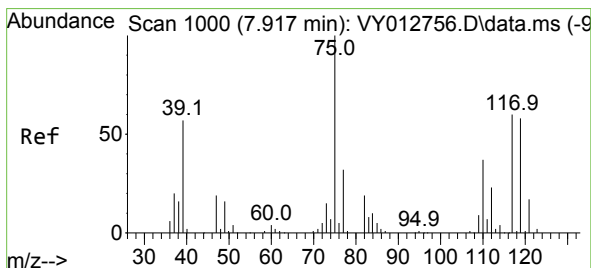
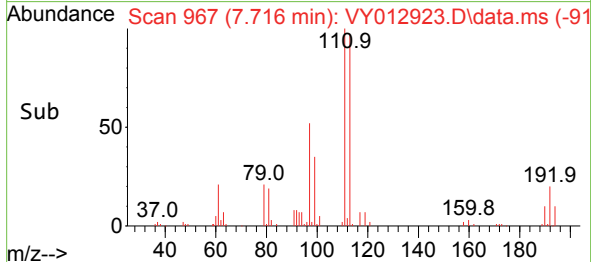
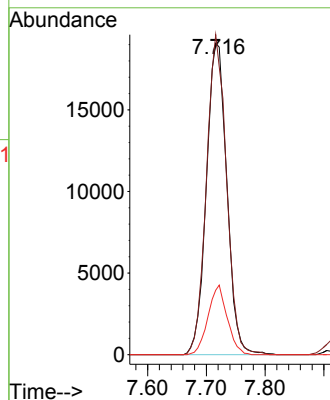
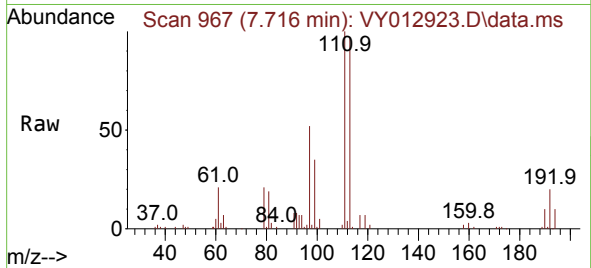




#35
Dibromofluoromethane
Concen: 49.900 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

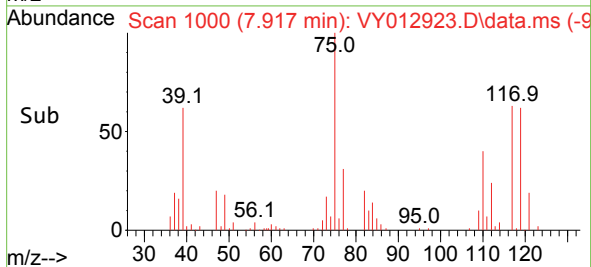
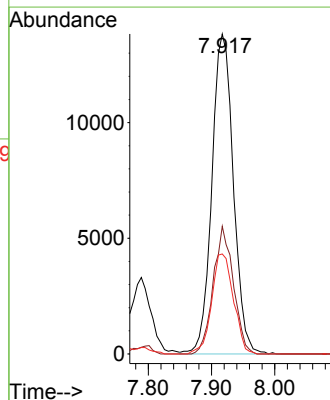
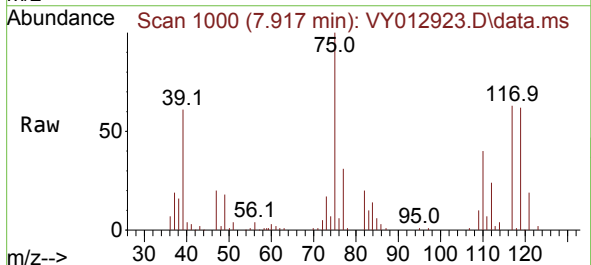
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

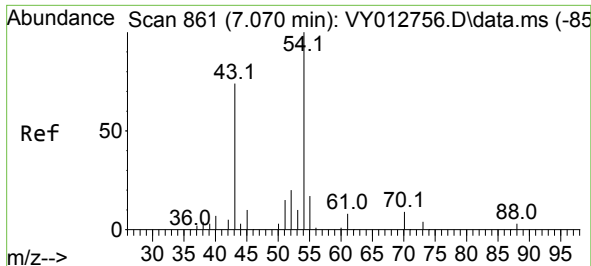
Tgt Ion:113 Resp: 46232
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.046 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 75 Resp: 32675
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 23.536 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

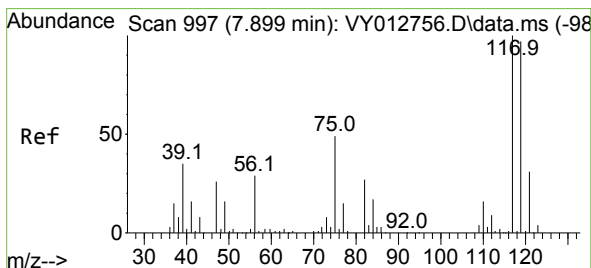
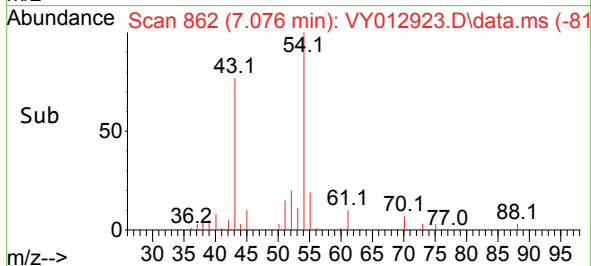
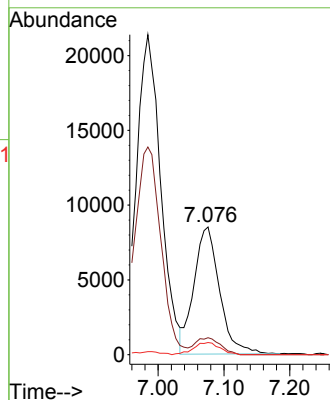
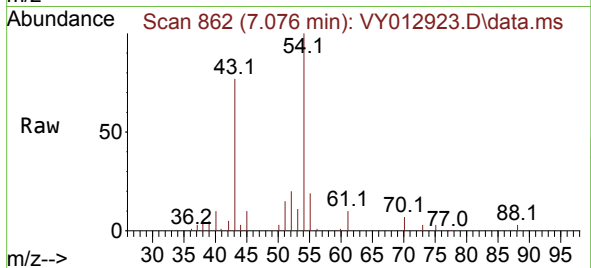
Tgt Ion: 43 Resp: 23032

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.302 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

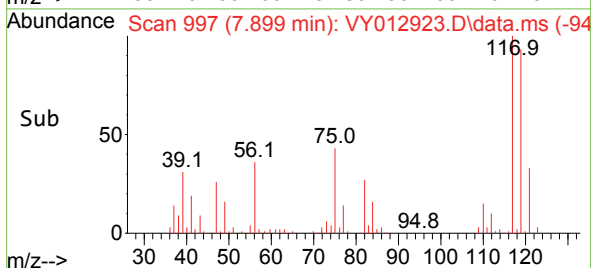
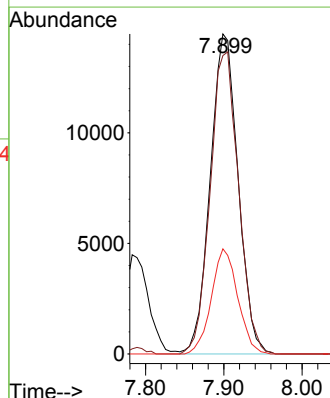
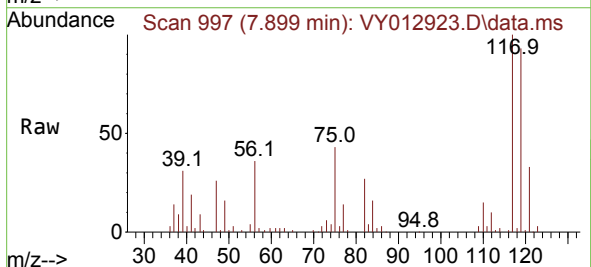
Tgt Ion: 117 Resp: 35757

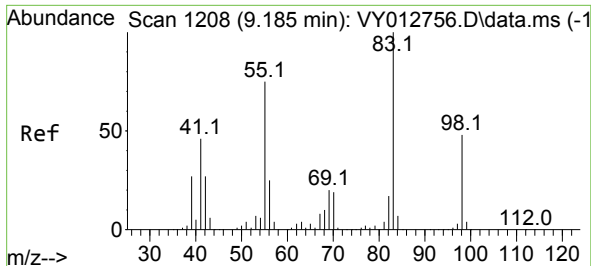
Ion Ratio Lower Upper

117 100

119 93.2 77.2 115.8

121 32.8 24.7 37.1





#39

Methylcyclohexane

Concen: 20.611 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

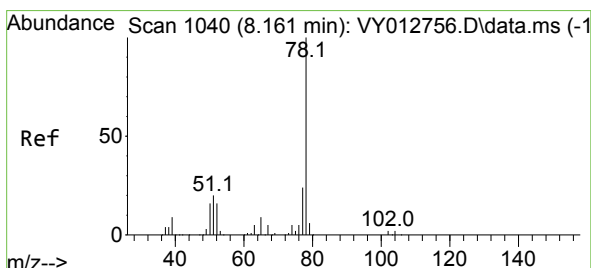
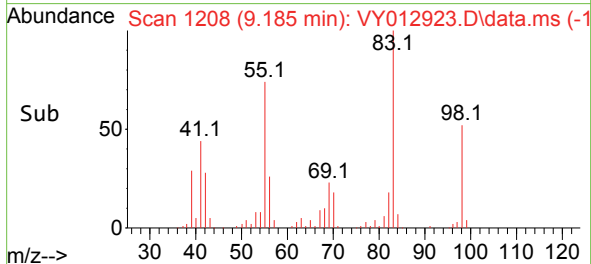
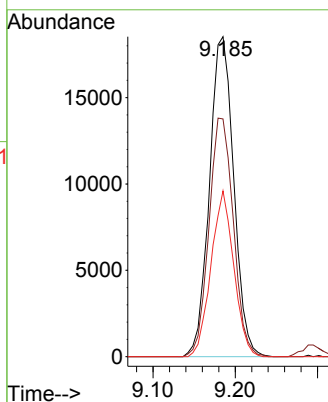
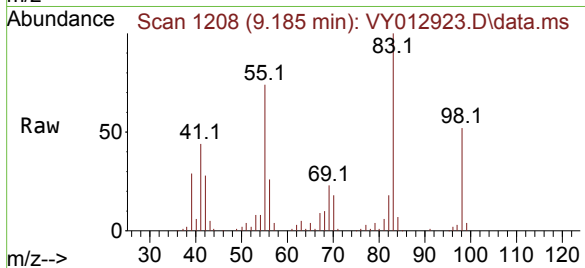
Tgt Ion: 83 Resp: 38044

Ion Ratio Lower Upper

83 100

55 74.3 60.0 90.0

98 51.8 38.3 57.5



#40

Benzene

Concen: 22.156 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012923.D

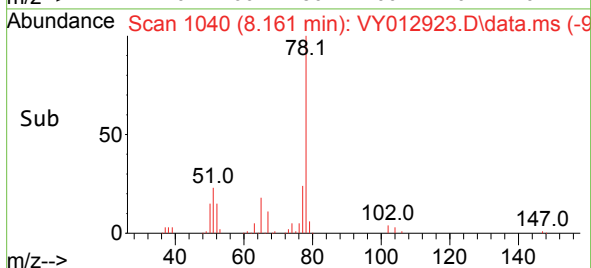
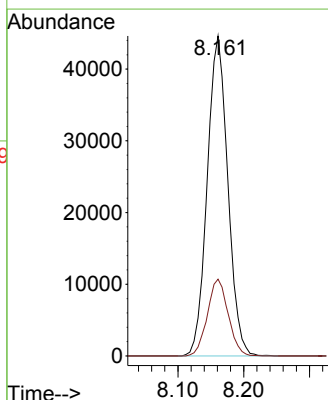
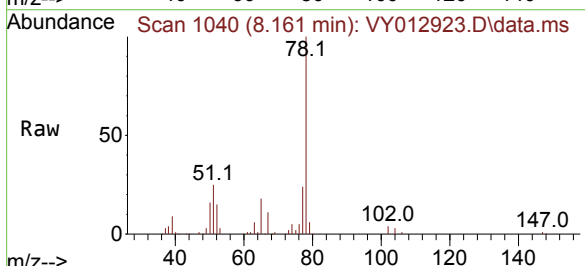
Acq: 13 Mar 2023 12:47

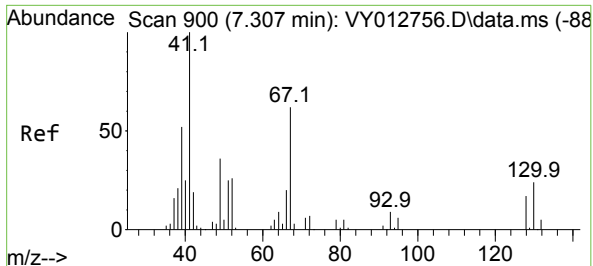
Tgt Ion: 78 Resp: 97304

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

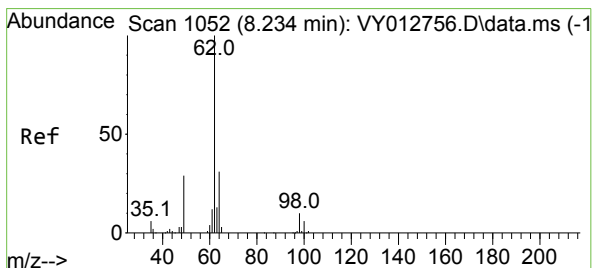
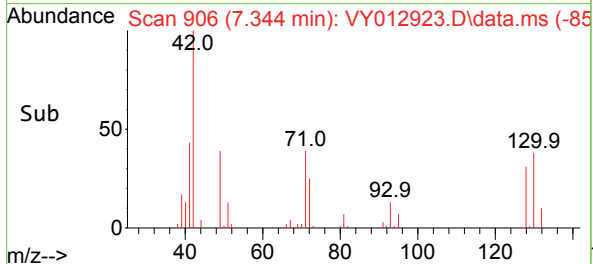
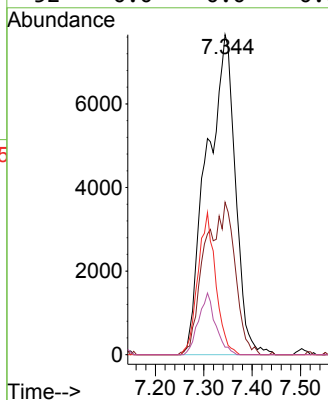
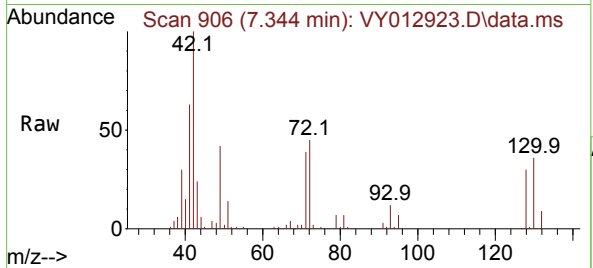




#41
Methacrylonitrile
Concen: 59.377 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

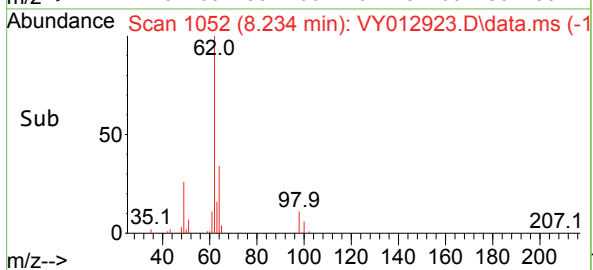
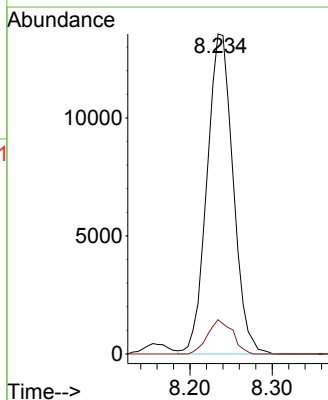
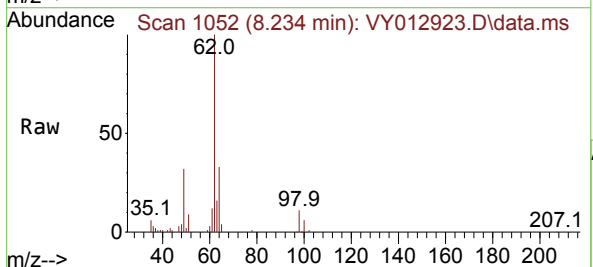
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

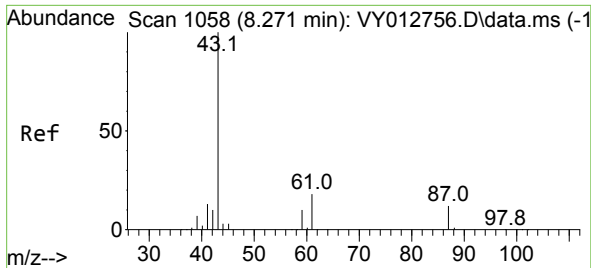
Tgt Ion: 41	Resp: 31305
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.677 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 62	Resp: 29943
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 18.8

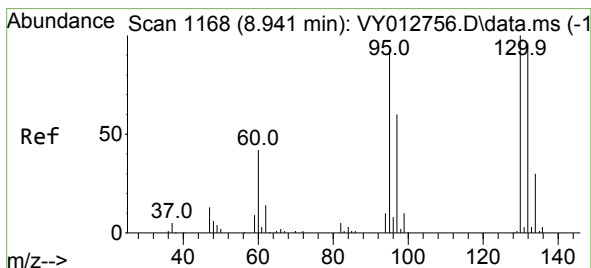
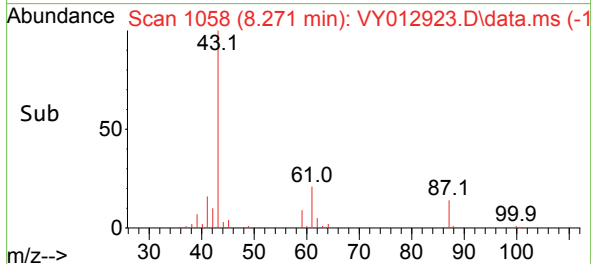
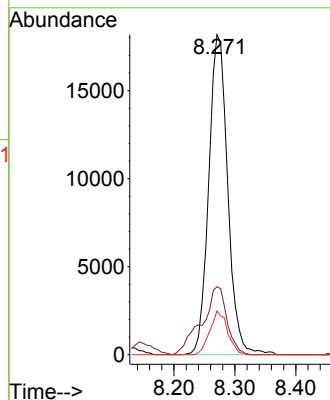
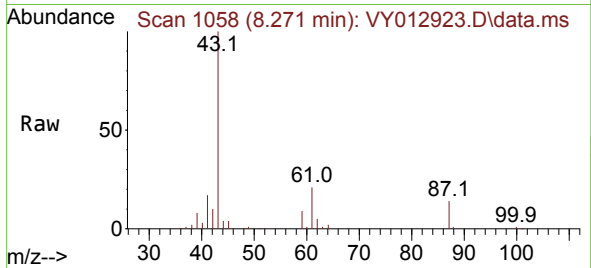




#43
Isopropyl Acetate
Concen: 22.546 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

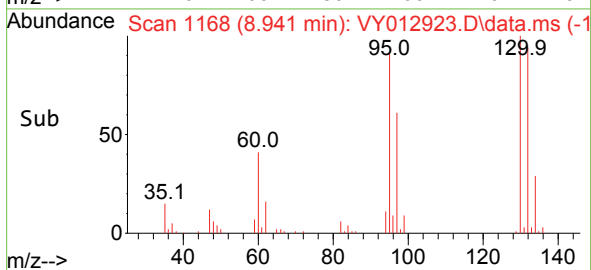
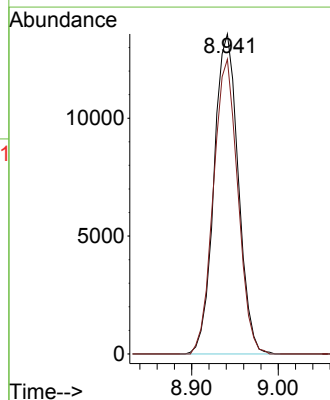
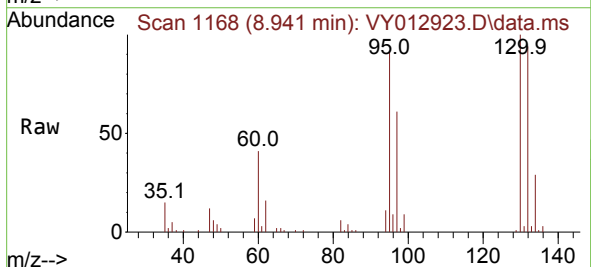
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

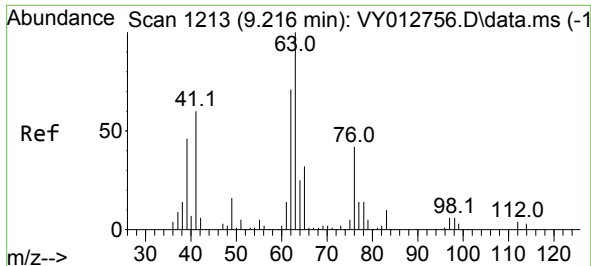
Tgt Ion:	43	Resp:	39363
Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.6	32.4
87	12.8	9.9	14.9



#44
Trichloroethene
Concen: 22.801 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:	130	Resp:	26402
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.0

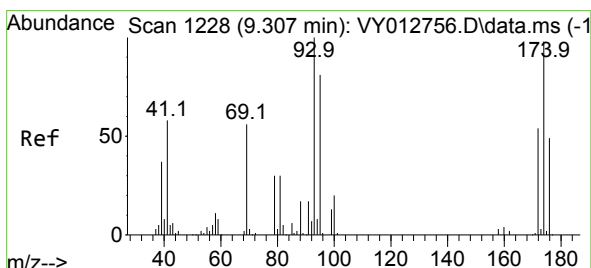
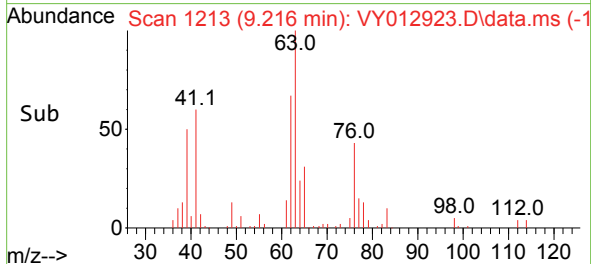
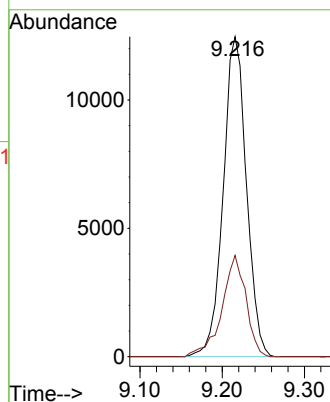
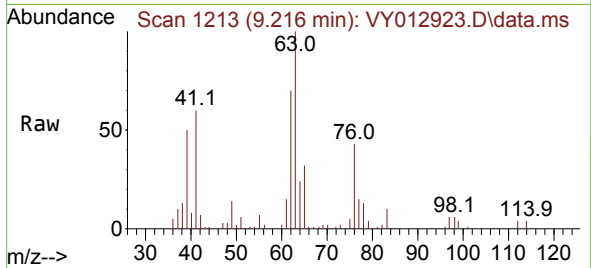




#45
1,2-Dichloropropane
Concen: 22.038 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

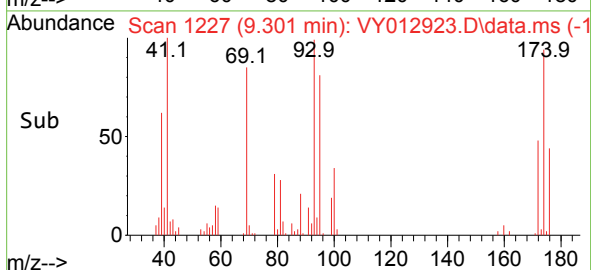
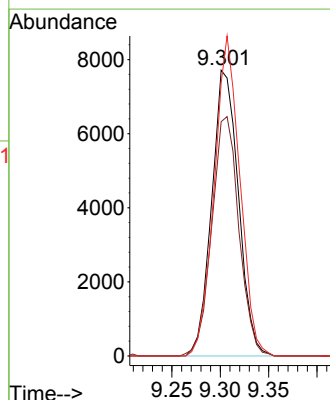
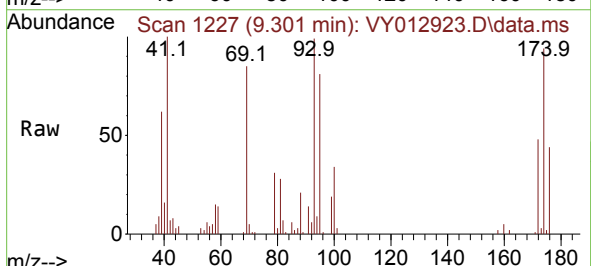
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

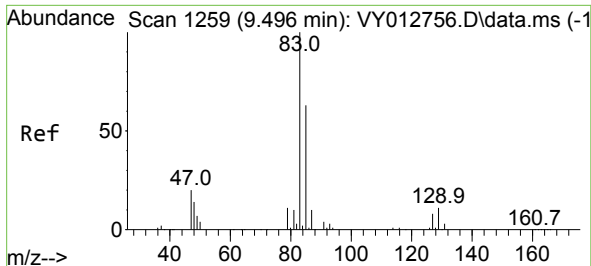
Tgt Ion: 63 Resp: 24461
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5



#46
Dibromomethane
Concen: 23.434 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 93 Resp: 14818
Ion Ratio Lower Upper
93 100
95 84.7 65.6 98.4
174 107.3 81.3 121.9

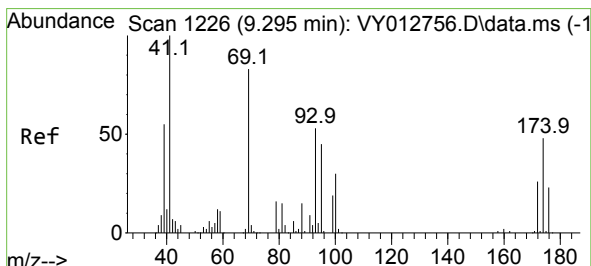
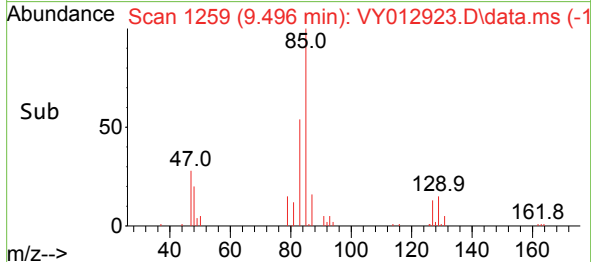
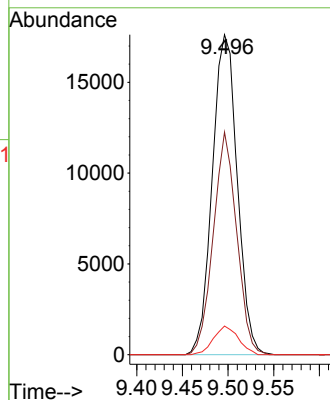
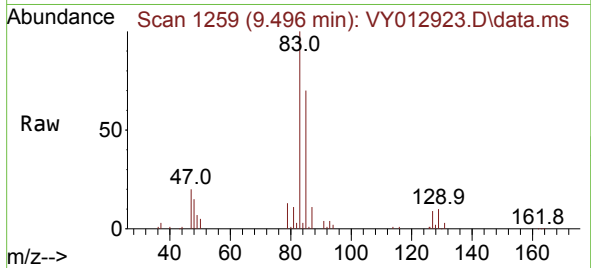




#47
Bromodichloromethane
Concen: 22.474 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

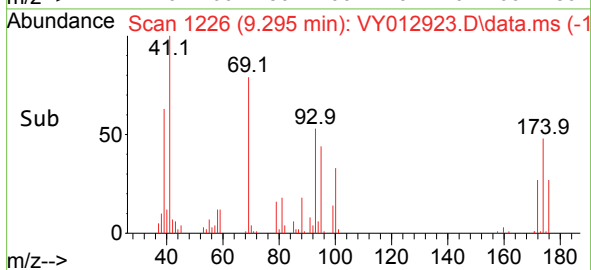
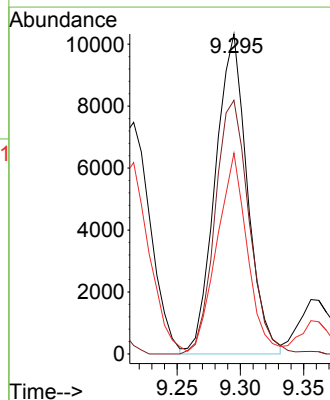
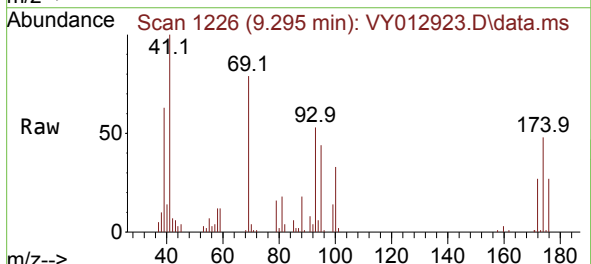
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

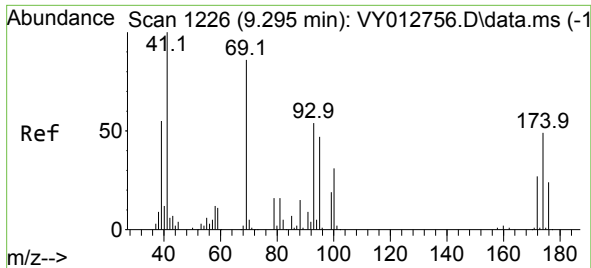
Tgt Ion: 83 Resp: 33488
Ion Ratio Lower Upper
83 100
85 69.6 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 22.611 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 41 Resp: 18190
Ion Ratio Lower Upper
41 100
69 84.6 64.1 96.1
39 58.1 44.0 66.0

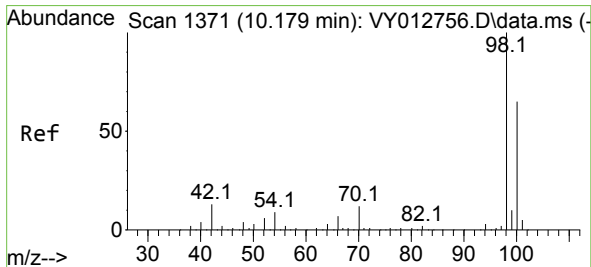
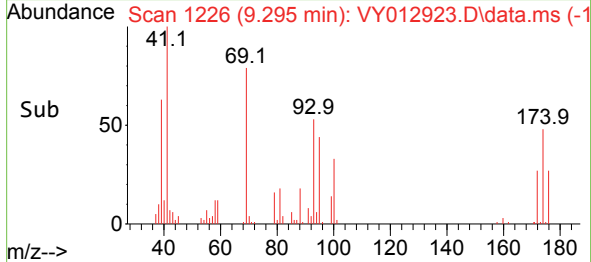
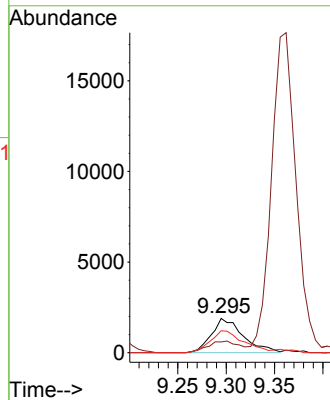
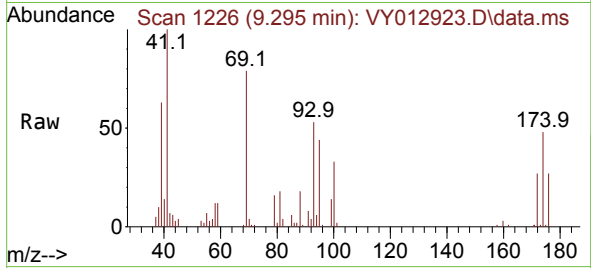




#49
1,4-Dioxane
Concen: 527.374 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

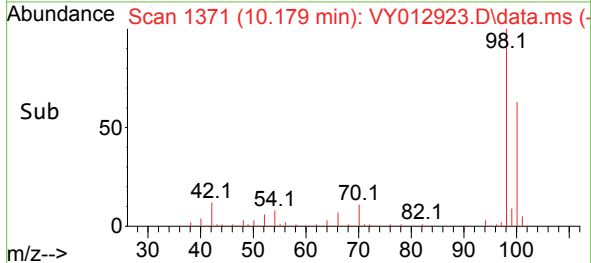
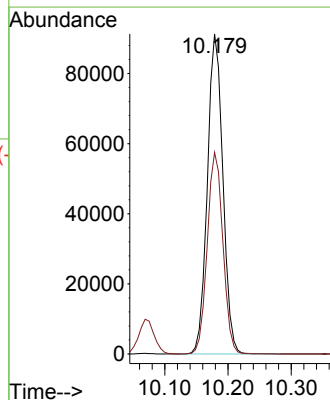
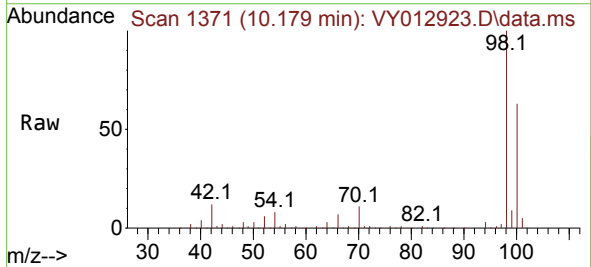
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

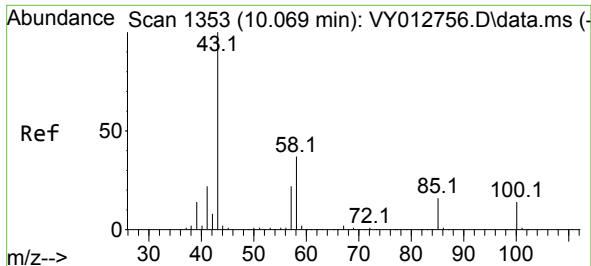
Tgt Ion: 88 Resp: 4311
Ion Ratio Lower Upper
88 100
43 32.9 28.6 42.8
58 67.7 55.2 82.8



#50
Toluene-d8
Concen: 46.010 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 98 Resp: 155838
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 120.174 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

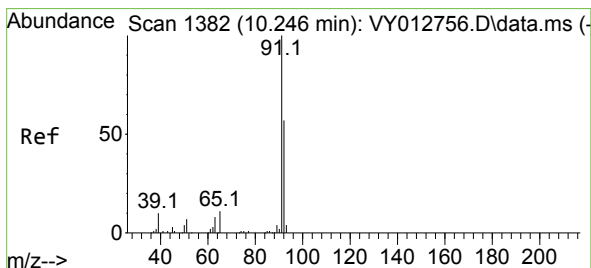
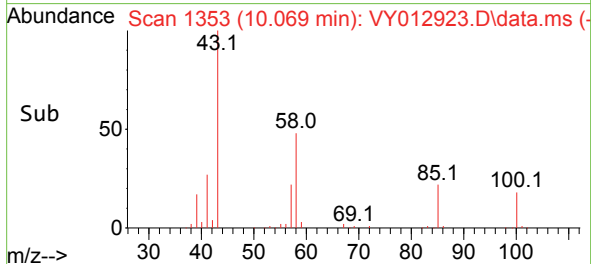
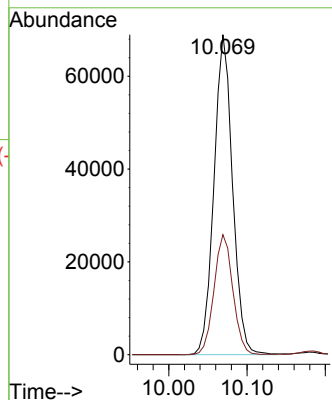
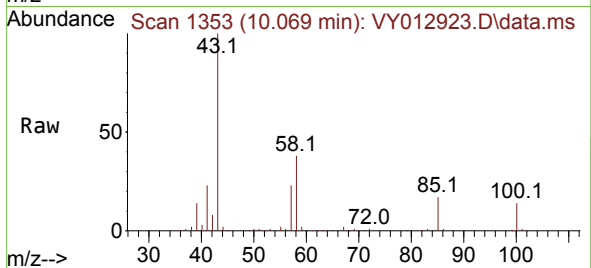
VY0313SBS01

Tgt Ion: 43 Resp: 113809

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



#52

Toluene

Concen: 22.506 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012923.D

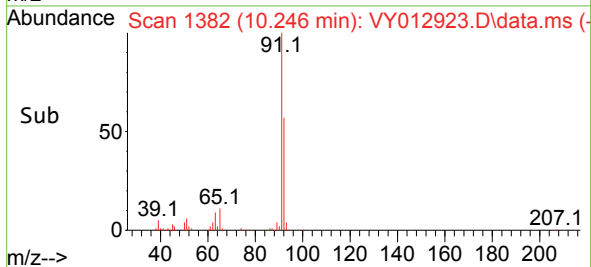
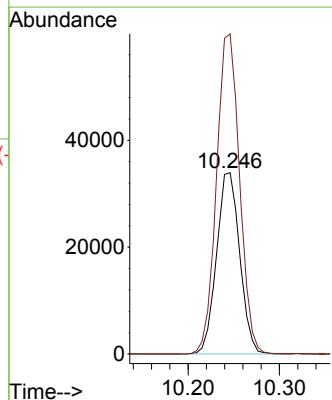
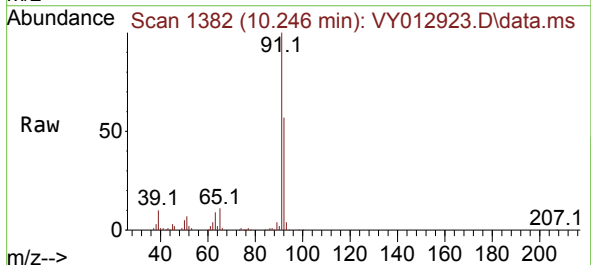
Acq: 13 Mar 2023 12:47

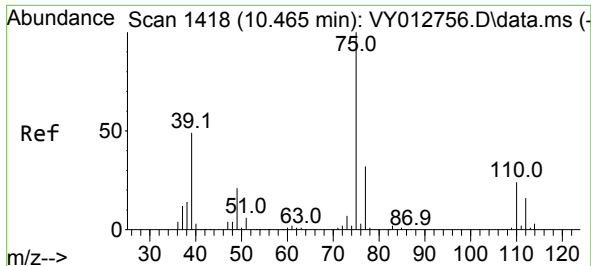
Tgt Ion: 92 Resp: 59611

Ion Ratio Lower Upper

92 100

91 176.6 141.3 211.9

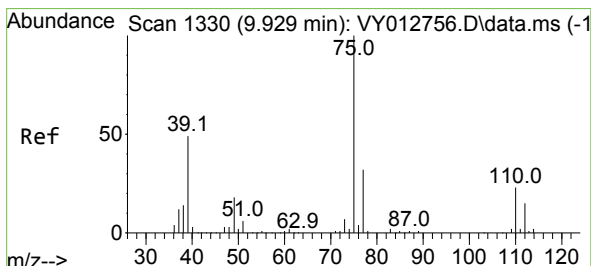
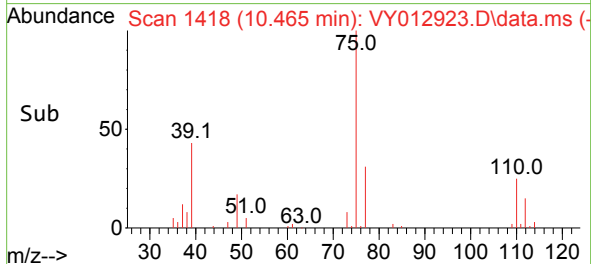
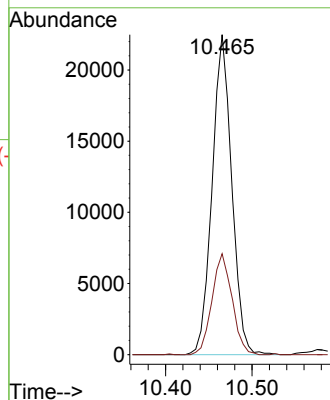
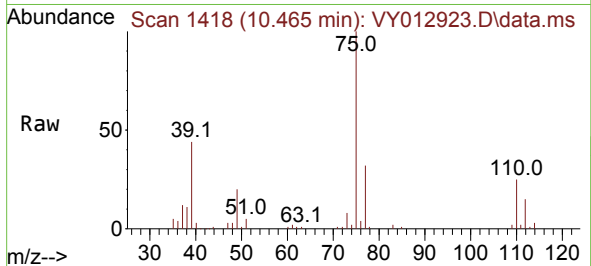




#53
 t-1,3-Dichloropropene
 Concen: 22.614 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

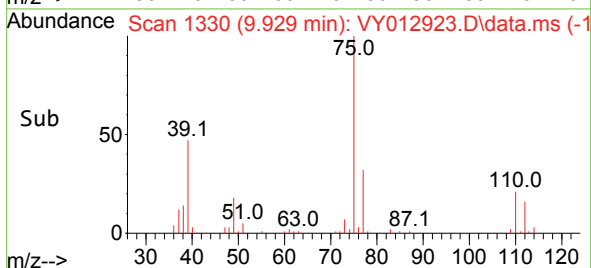
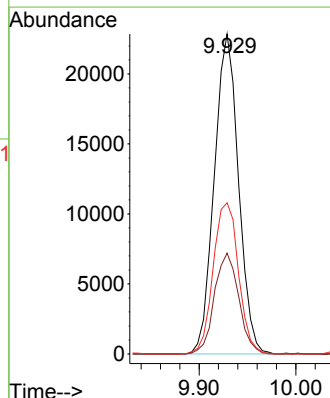
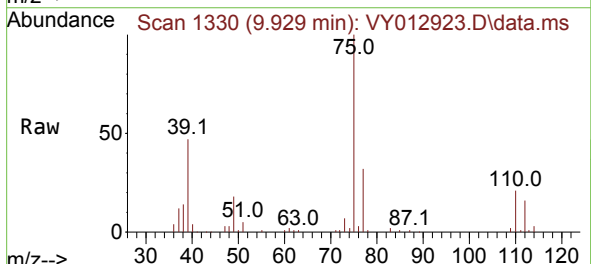
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

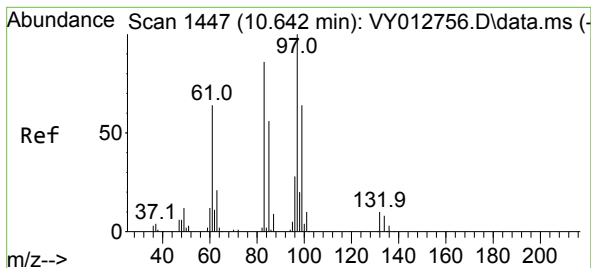
Tgt Ion: 75 Resp: 35346
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.396 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012923.D
 Acq: 13 Mar 2023 12:47

Tgt Ion: 75 Resp: 39620
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 47.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.369 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 97 Resp: 20579

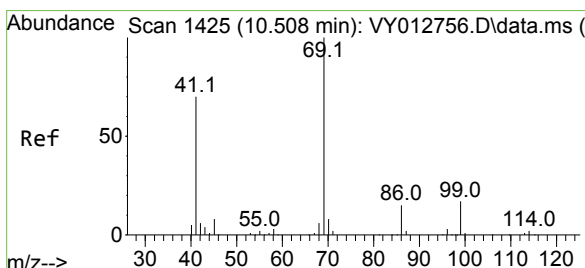
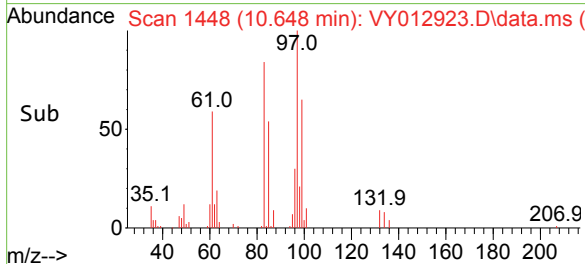
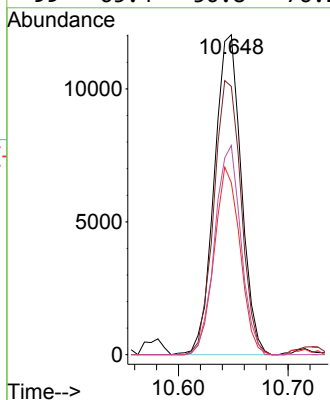
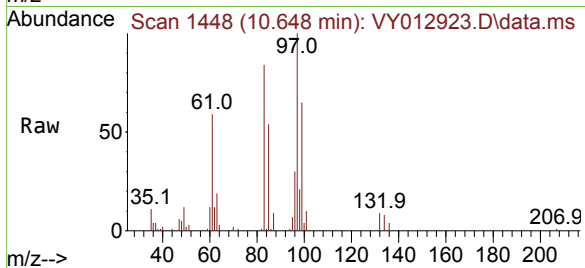
Ion Ratio Lower Upper

97 100

83 83.9 69.0 103.6

85 53.7 44.9 67.3

99 65.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 23.252 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

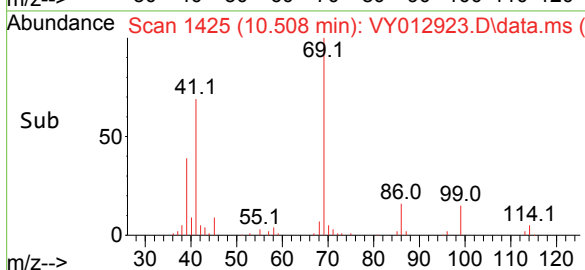
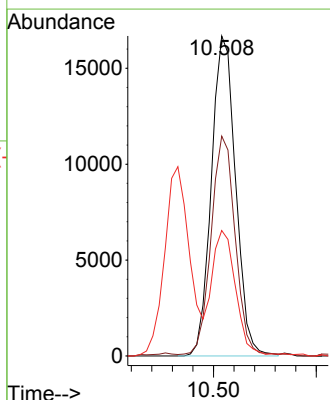
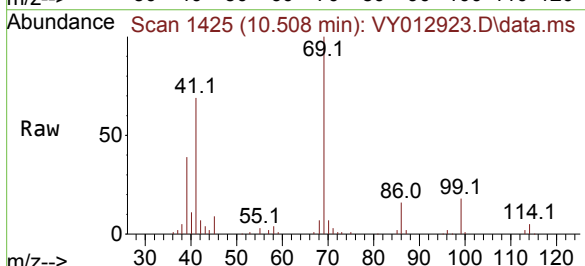
Tgt Ion: 69 Resp: 27303

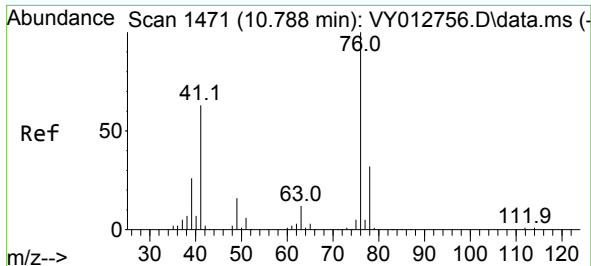
Ion Ratio Lower Upper

69 100

41 69.1 56.4 84.6

39 37.5 30.8 46.2





#57

1,3-Dichloropropane

Concen: 23.221 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

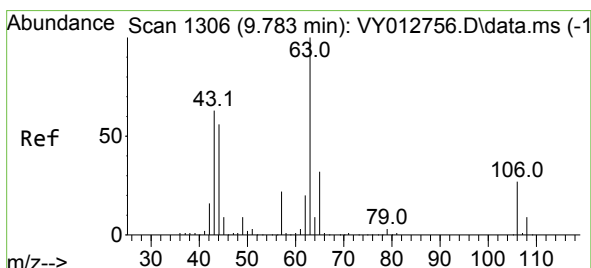
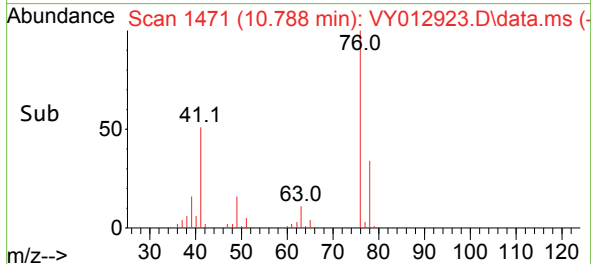
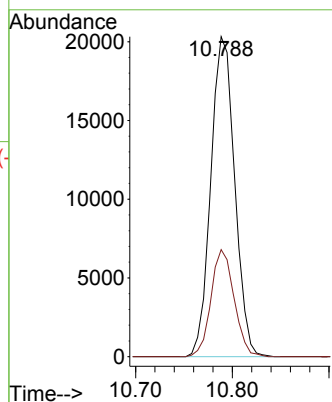
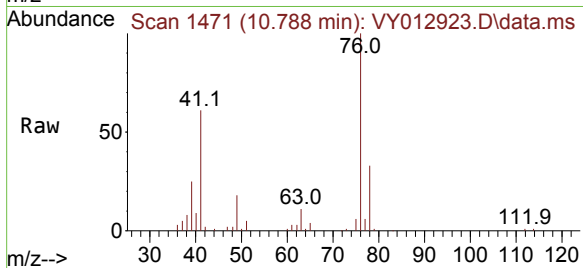
VY0313SBS01

Tgt Ion: 76 Resp: 34830

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.770 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012923.D

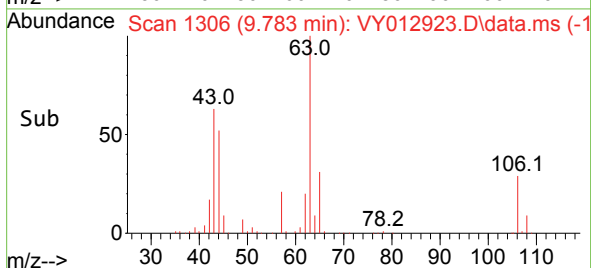
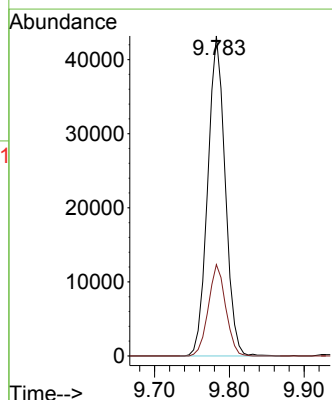
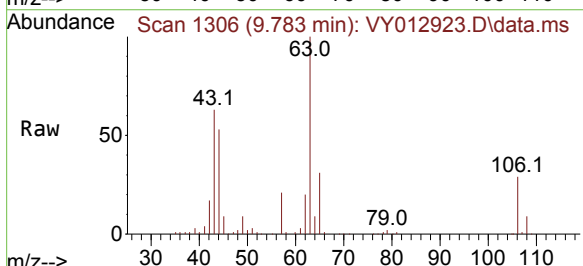
Acq: 13 Mar 2023 12:47

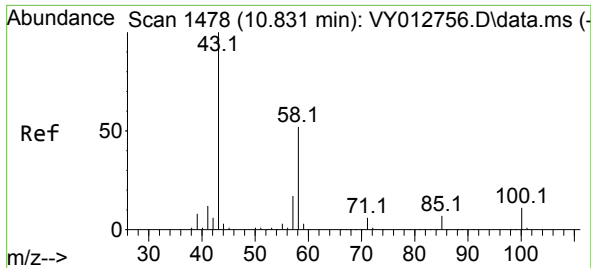
Tgt Ion: 63 Resp: 70129

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

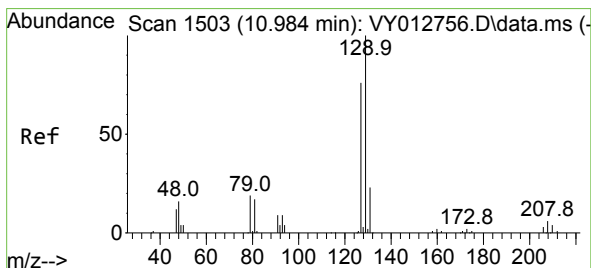
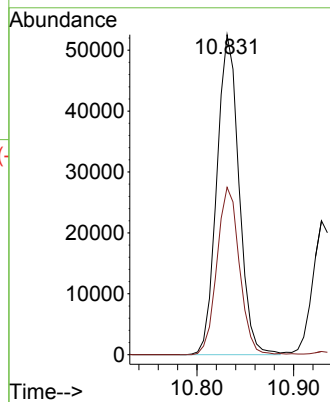
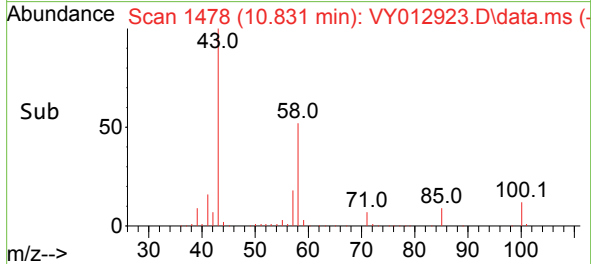
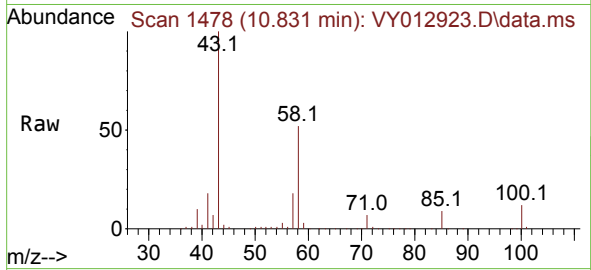




#59
2-Hexanone
Concen: 121.352 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

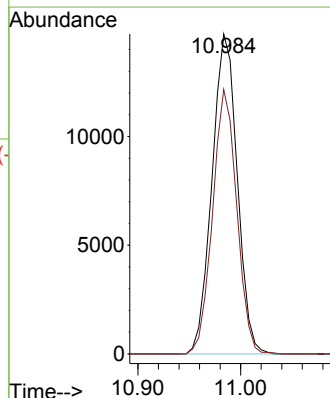
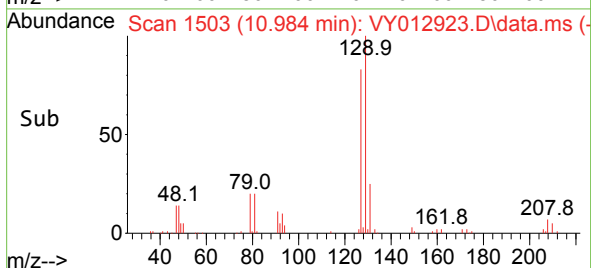
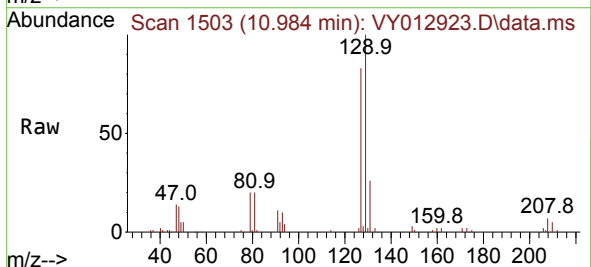
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

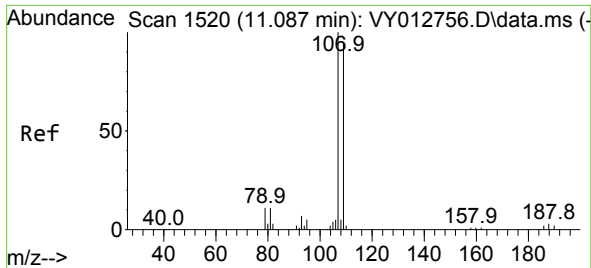
Tgt Ion: 43 Resp: 83525
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8



#60
Dibromochloromethane
Concen: 23.376 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 129 Resp: 25058
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

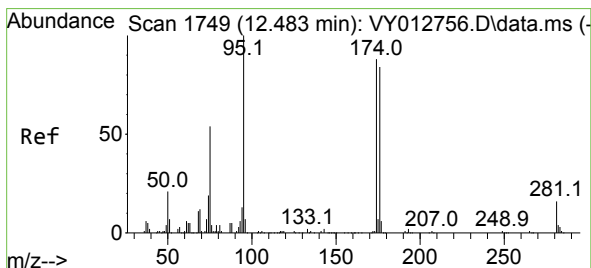
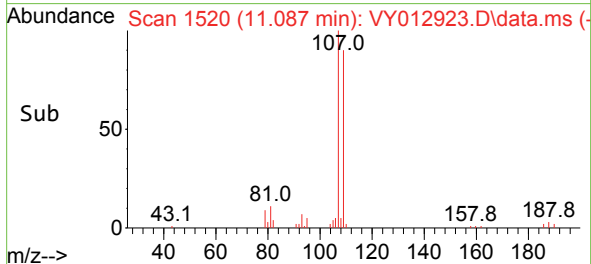
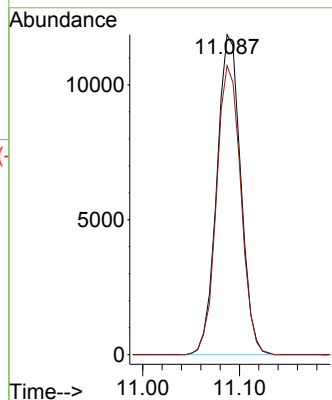
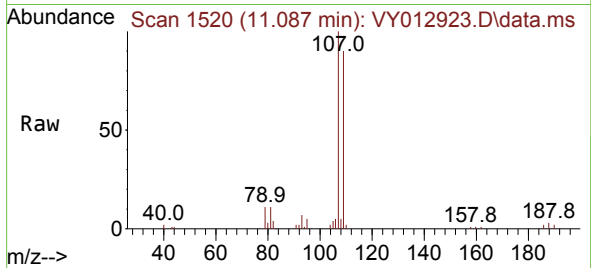




#61
1,2-Dibromoethane
Concen: 23.921 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

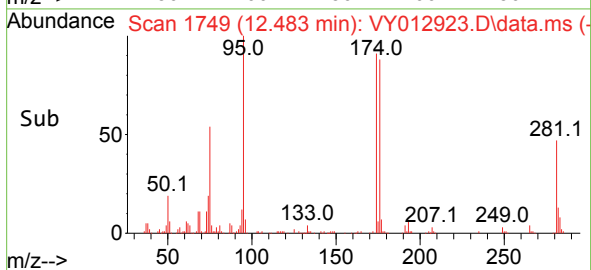
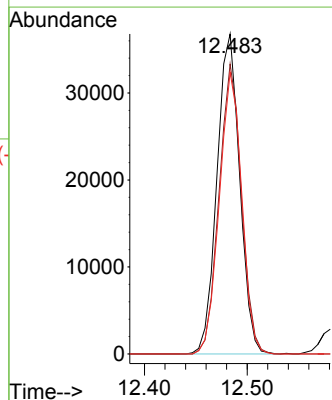
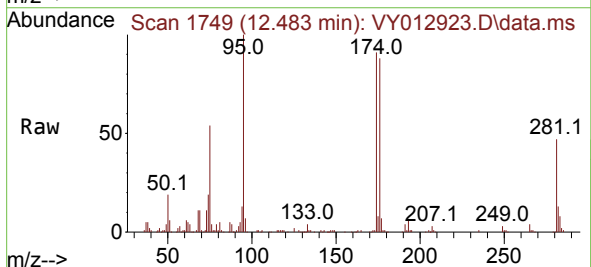
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

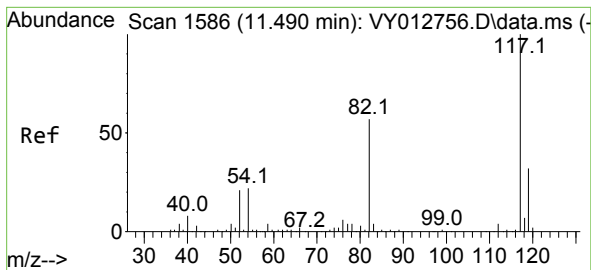
Tgt Ion:107 Resp: 20292
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 95 Resp: 56375
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 86.8 0.0 170.2

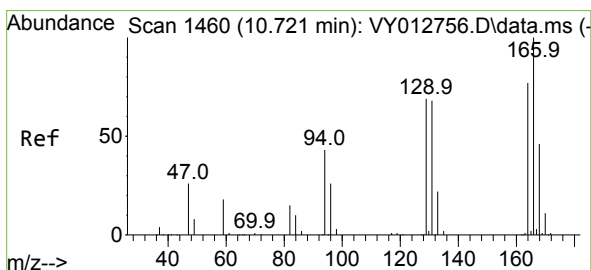
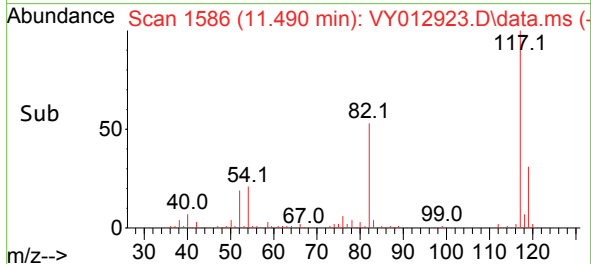
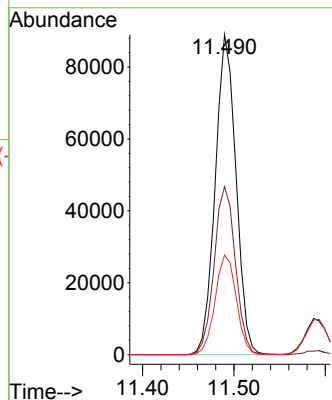
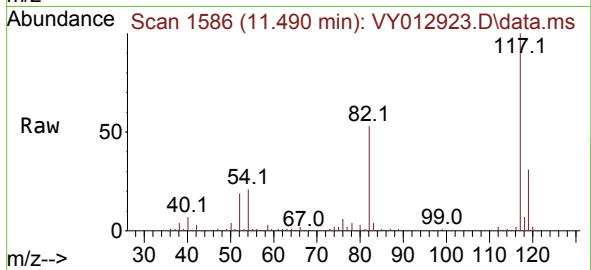




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

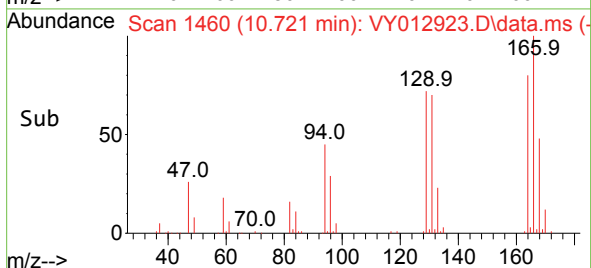
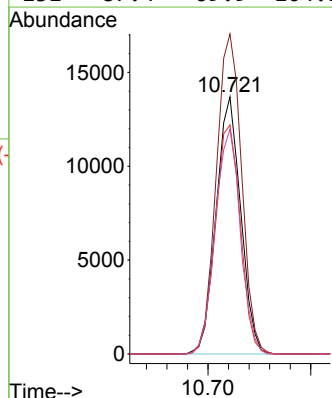
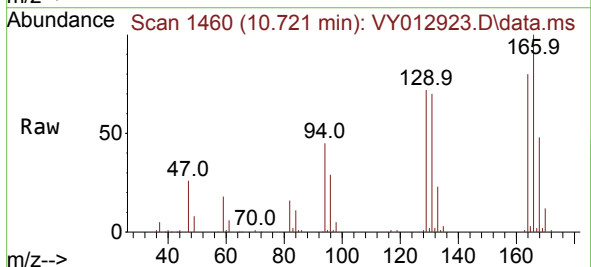
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

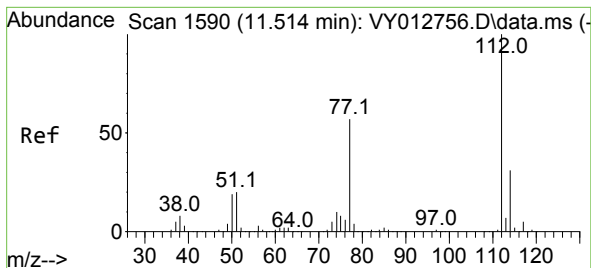
Tgt Ion:117 Resp: 140587
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 22.229 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:164 Resp: 22753
Ion Ratio Lower Upper
164 100
166 124.5 103.4 155.2
129 89.0 71.4 107.2
131 87.4 69.9 104.9

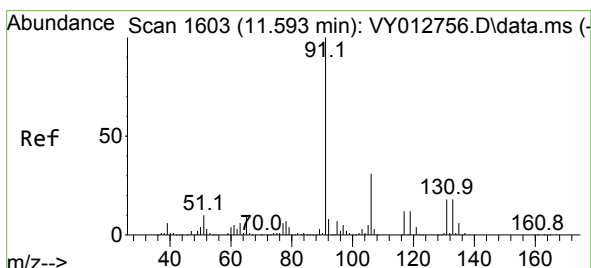
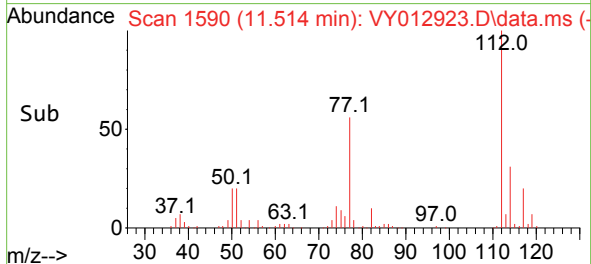
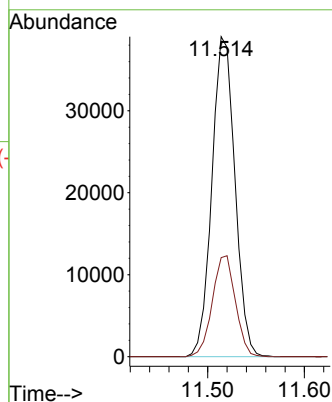
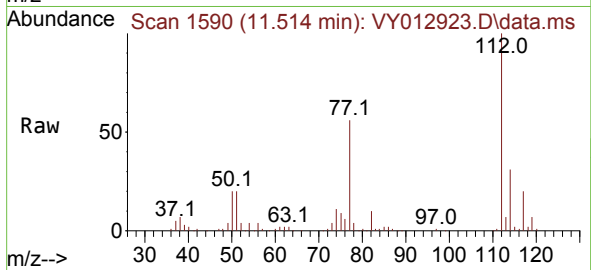




#65
Chlorobenzene
Concen: 21.898 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

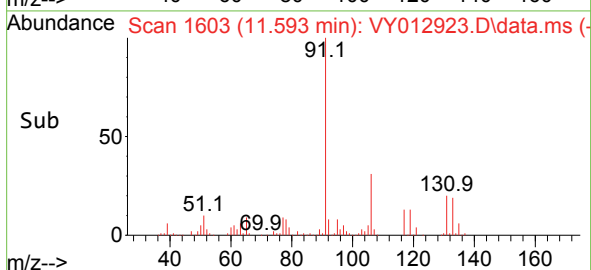
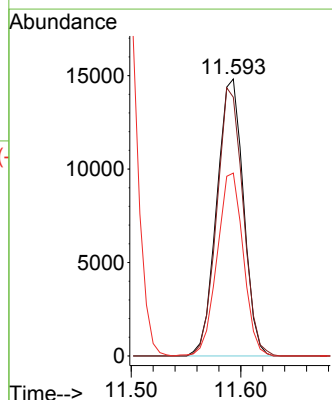
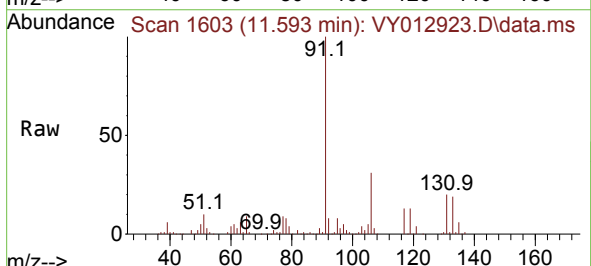
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

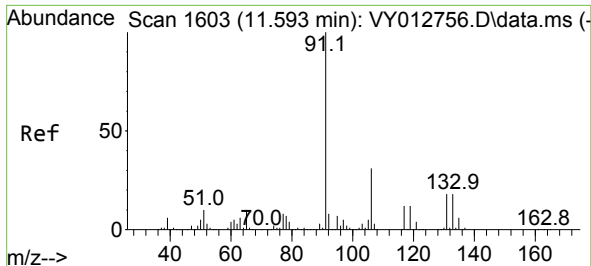
Tgt Ion:112 Resp: 64611
Ion Ratio Lower Upper
112 100
114 30.9 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.937 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:131 Resp: 25043
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.9 32.6 98.0

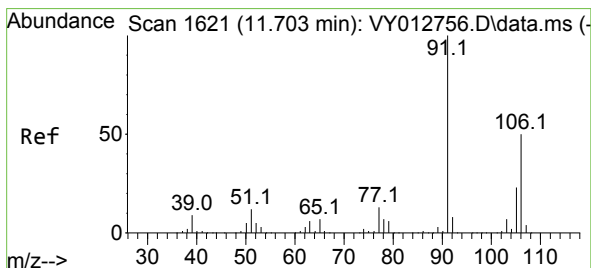
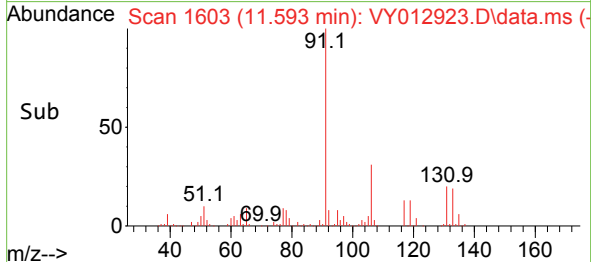
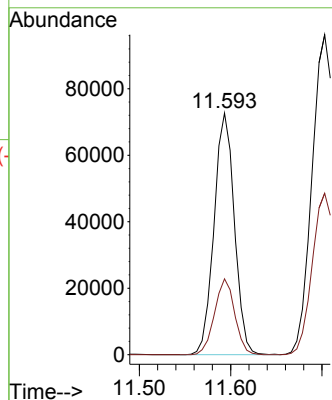
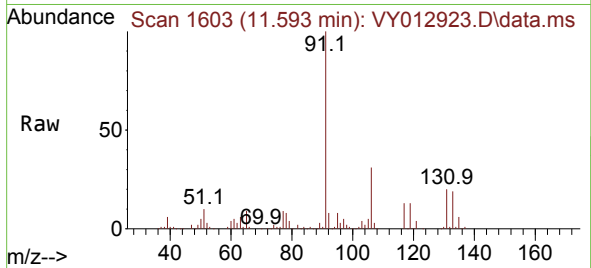




#67
Ethyl Benzene
Concen: 21.652 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

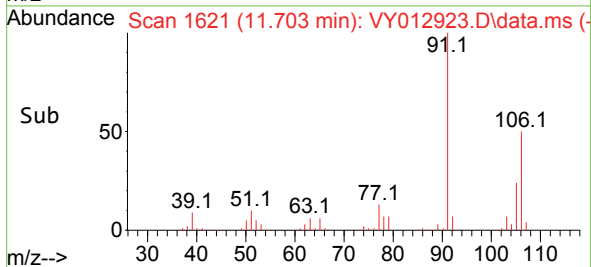
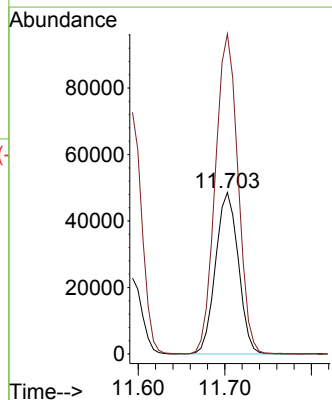
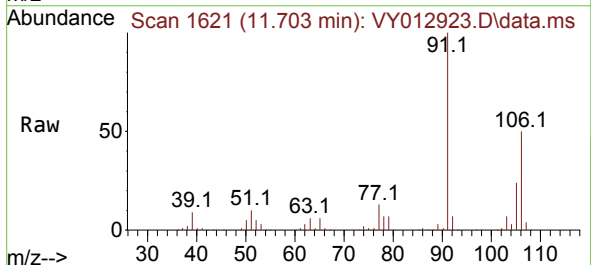
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

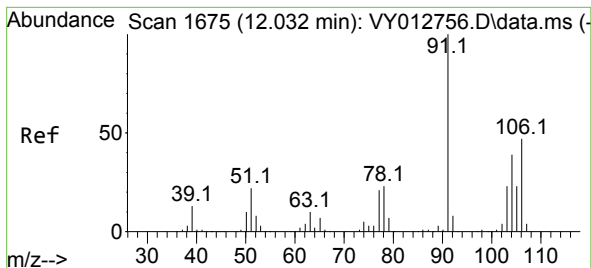
Tgt Ion: 91 Resp: 112319
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 44.451 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:106 Resp: 88708
Ion Ratio Lower Upper
106 100
91 197.9 159.8 239.8





#69

o-Xylene

Concen: 22.075 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

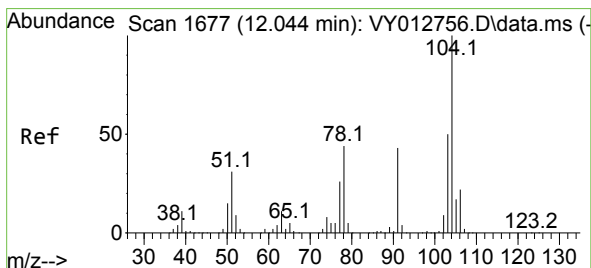
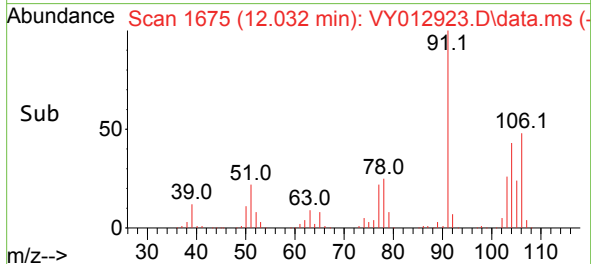
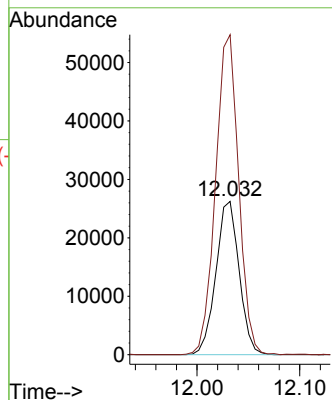
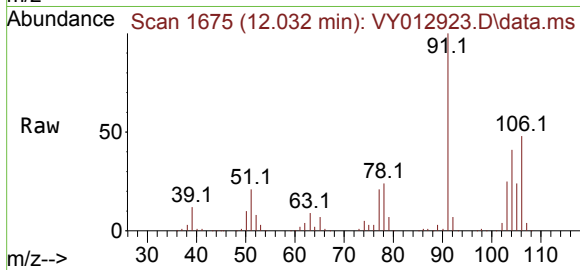
VY0313SBS01

Tgt Ion:106 Resp: 41115

Ion Ratio Lower Upper

106 100

91 207.7 107.2 321.6



#70

Styrene

Concen: 22.714 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

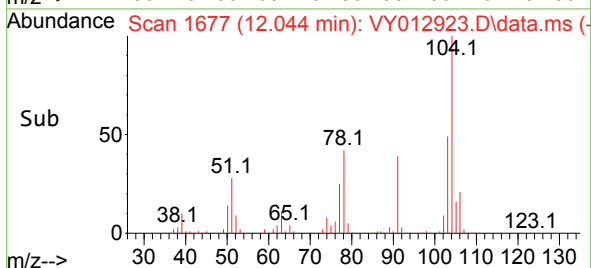
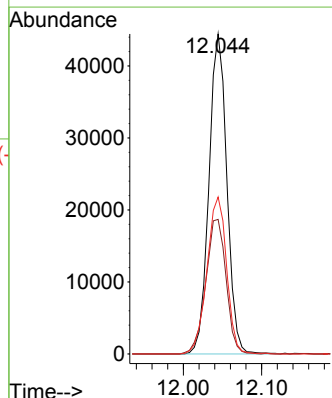
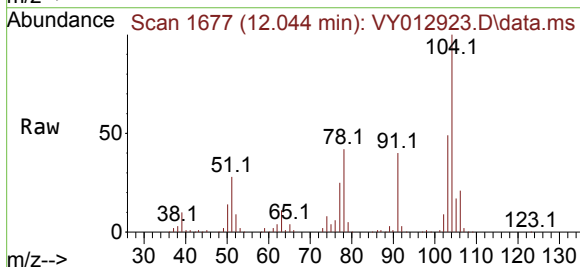
Tgt Ion:104 Resp: 70597

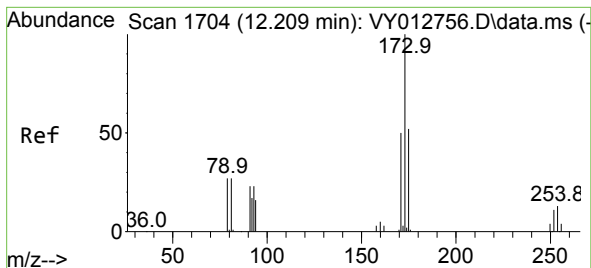
Ion Ratio Lower Upper

104 100

78 47.6 39.2 58.8

103 53.8 43.7 65.5





#71

Bromoform

Concen: 24.217 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

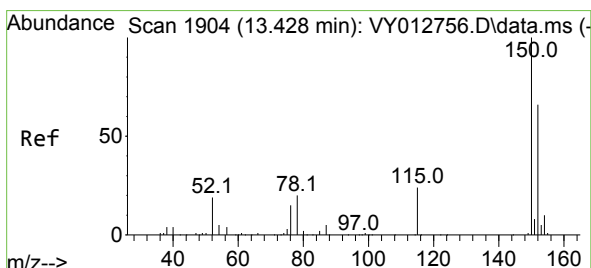
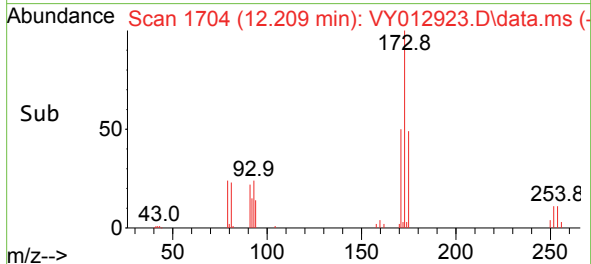
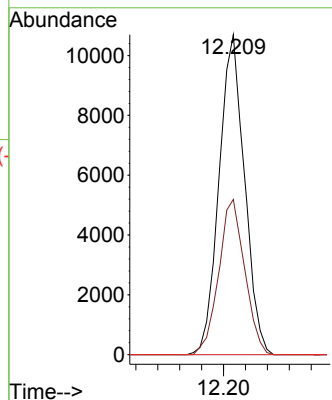
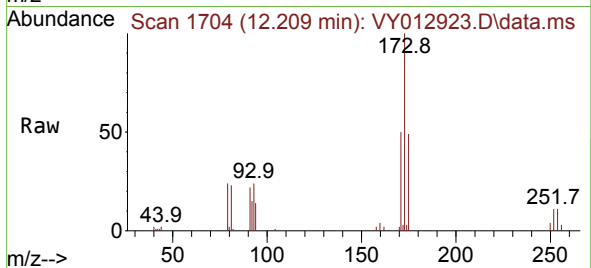
Tgt Ion:173 Resp: 17239

Ion Ratio Lower Upper

173 100

175 49.6 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

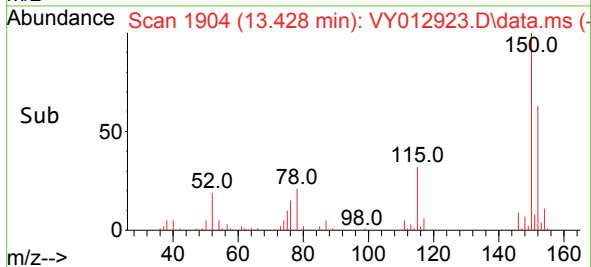
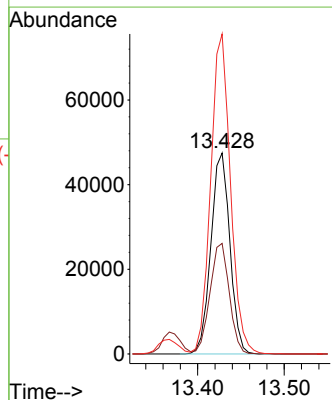
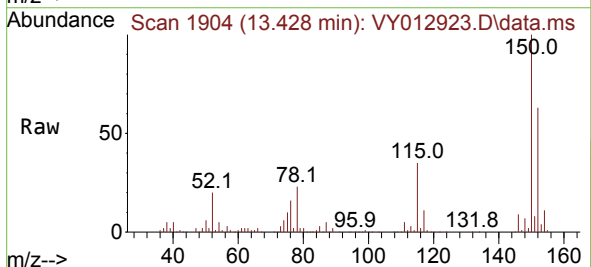
Tgt Ion:152 Resp: 72258

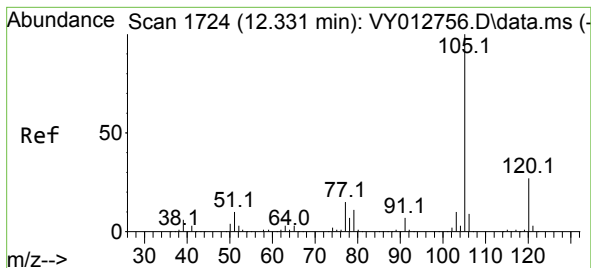
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 165.5 0.0 347.8





#73

Isopropylbenzene

Concen: 21.250 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

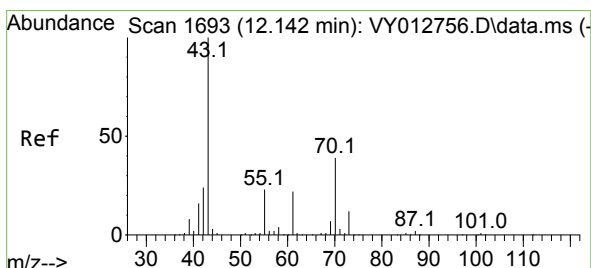
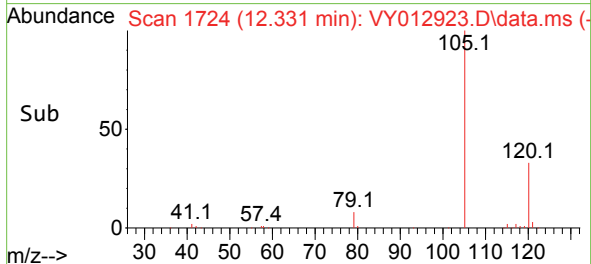
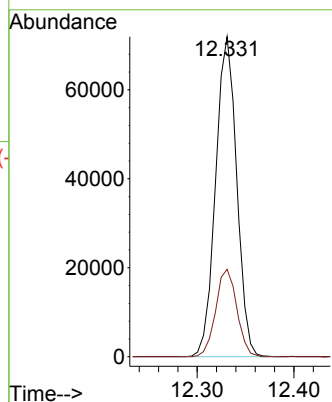
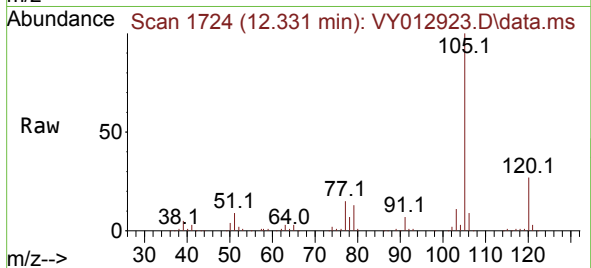
VY0313SBS01

Tgt Ion:105 Resp: 108822

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 20.917 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Tgt Ion: 43 Resp: 33702

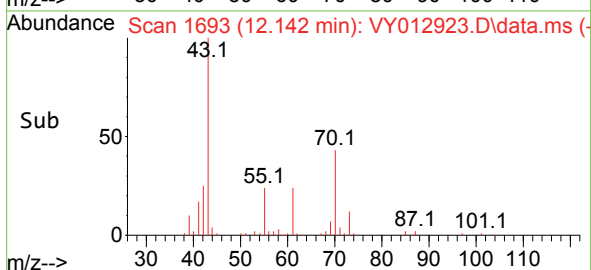
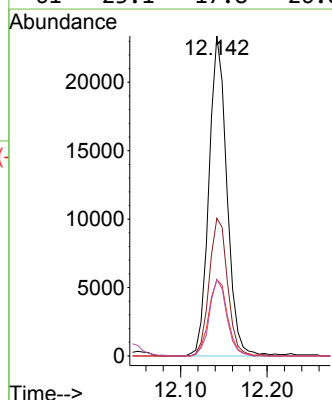
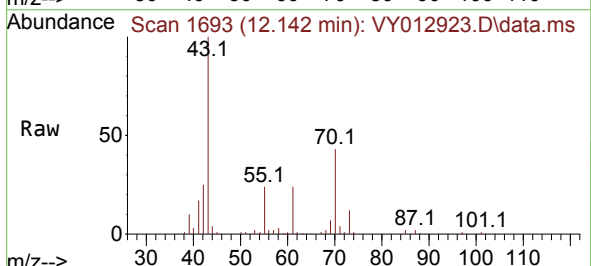
Ion Ratio Lower Upper

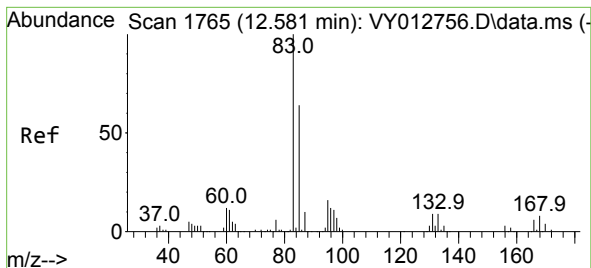
43 100

70 43.6 31.6 47.4

55 25.0 18.8 28.2

61 23.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.789 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

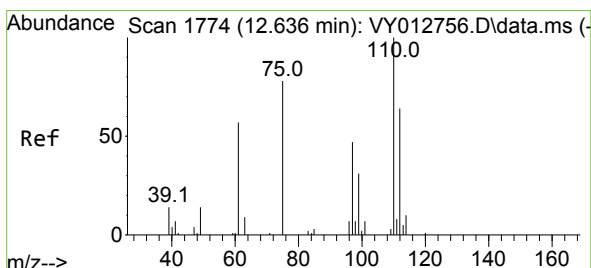
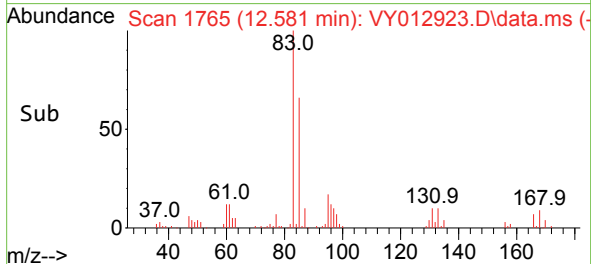
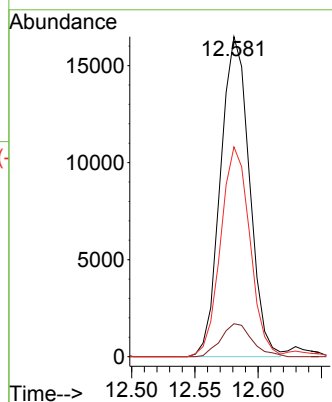
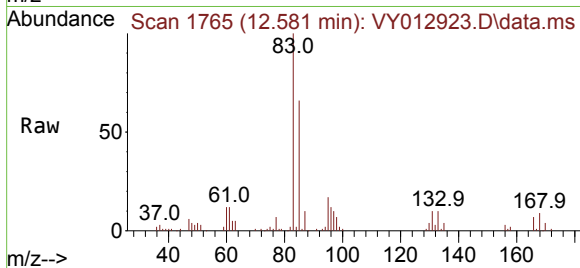
Tgt Ion: 83 Resp: 26234

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.2

85 66.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 39.923 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012923.D

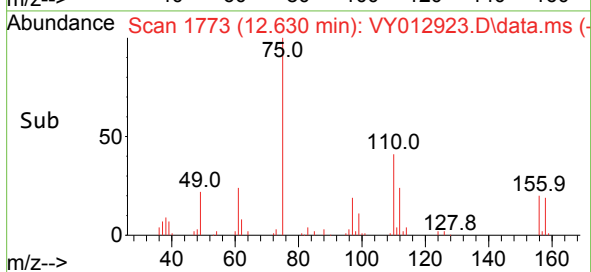
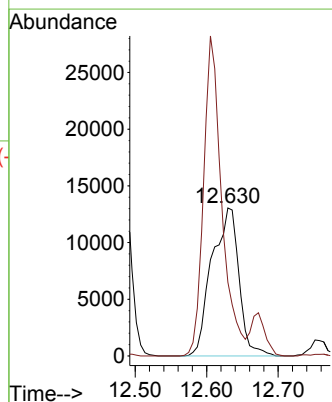
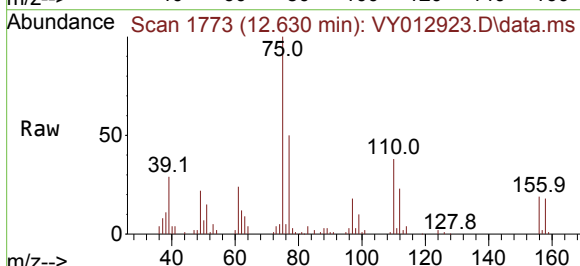
Acq: 13 Mar 2023 12:47

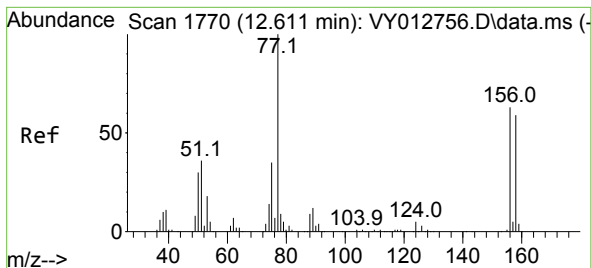
Tgt Ion: 75 Resp: 34449

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.133 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

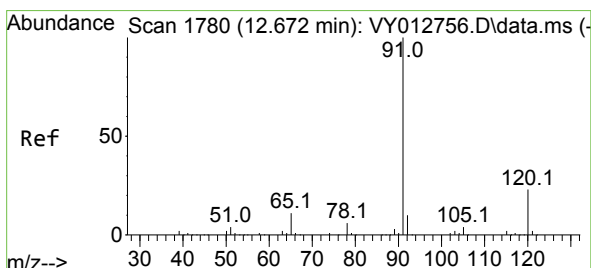
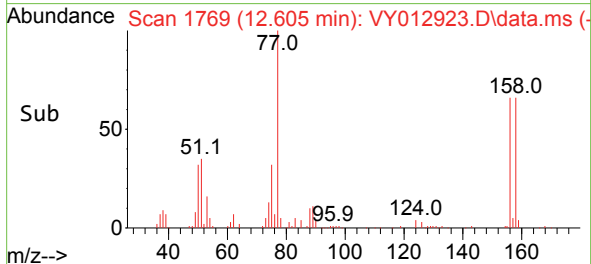
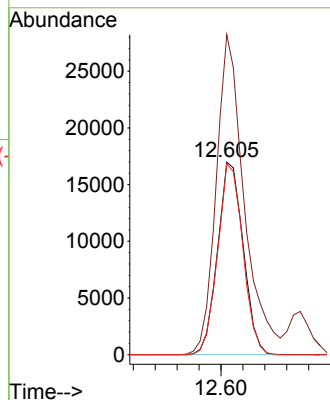
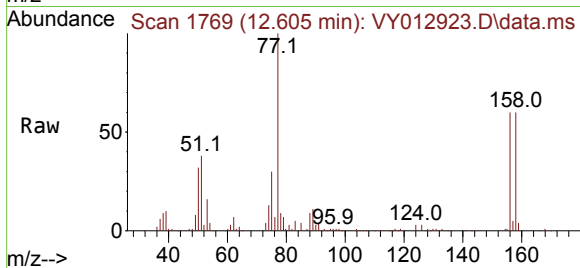
Tgt Ion:156 Resp: 27534

Ion Ratio Lower Upper

156 100

77 182.0 94.0 282.1

158 97.6 48.1 144.4



#78

n-propylbenzene

Concen: 21.519 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012923.D

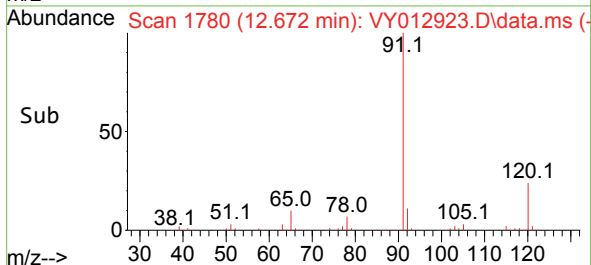
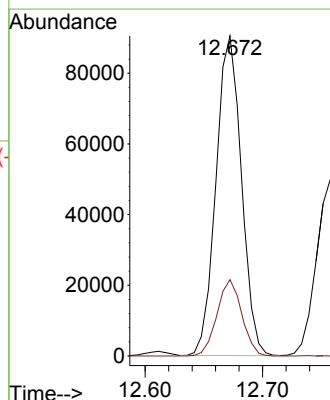
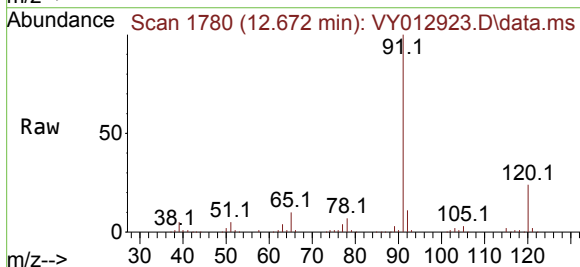
Acq: 13 Mar 2023 12:47

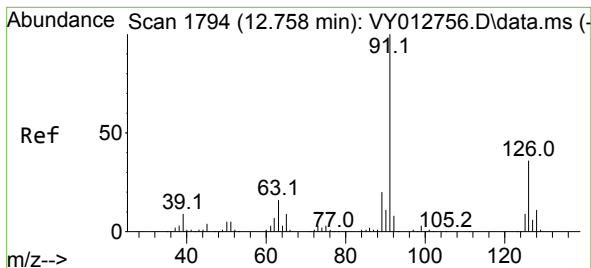
Tgt Ion: 91 Resp: 135864

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

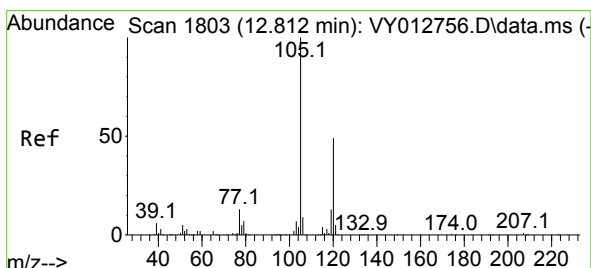
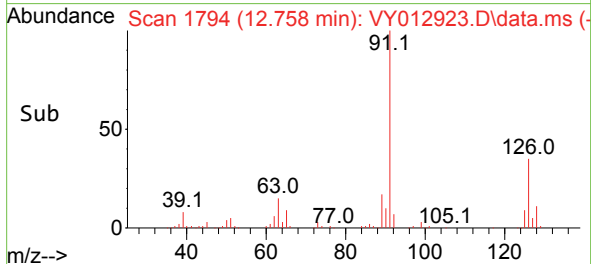
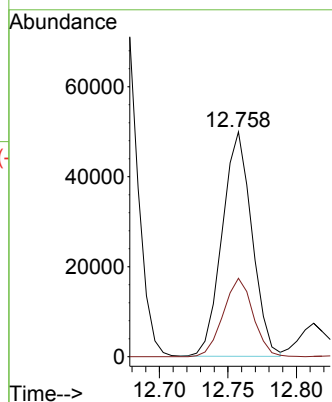
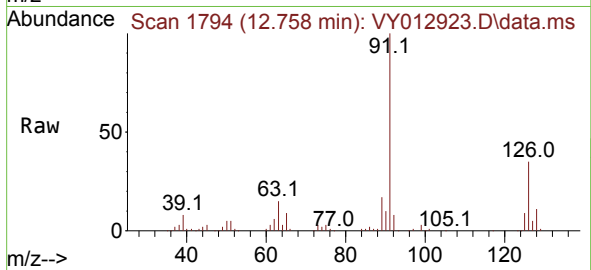




#79
2-Chlorotoluene
Concen: 21.547 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

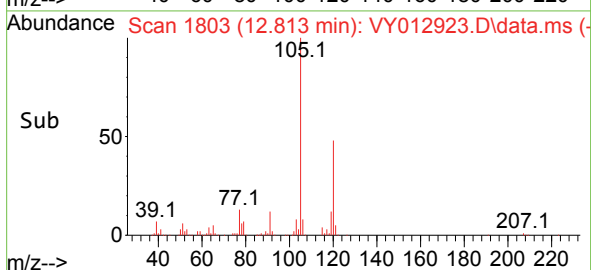
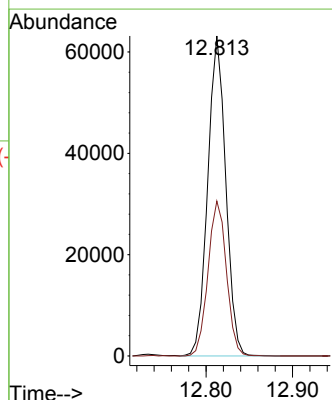
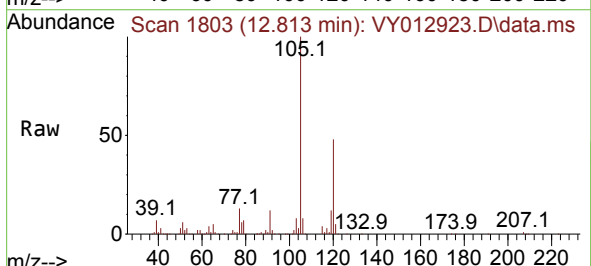
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

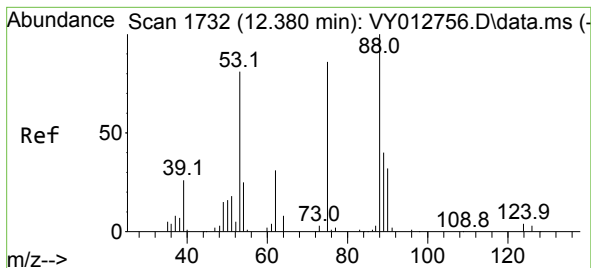
Tgt Ion: 91 Resp: 75607
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.615 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 105 Resp: 91349
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

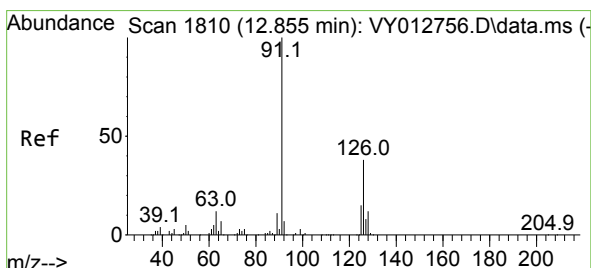
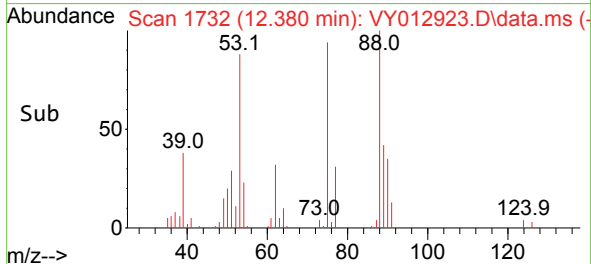
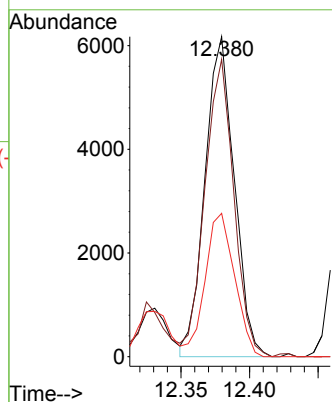
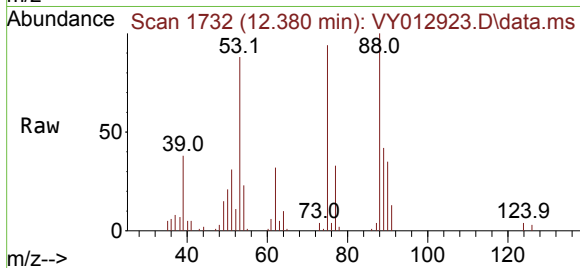




#81
trans-1,4-Dichloro-2-butene
Concen: 22.061 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

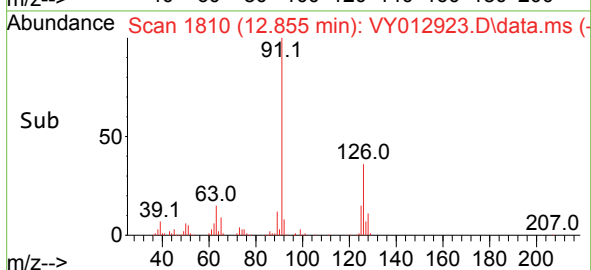
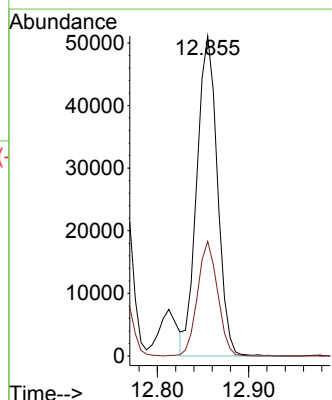
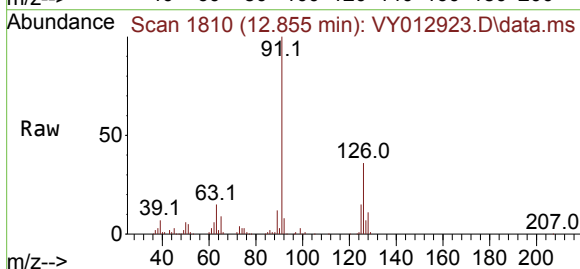
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

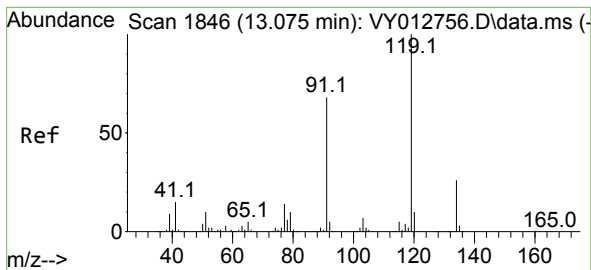
Tgt Ion:	75	Resp:	9187
Ion	Ratio	Lower	Upper
75	100		
53	91.5	73.4	110.0
89	45.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.965 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:	91	Resp:	79783
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.7	53.1

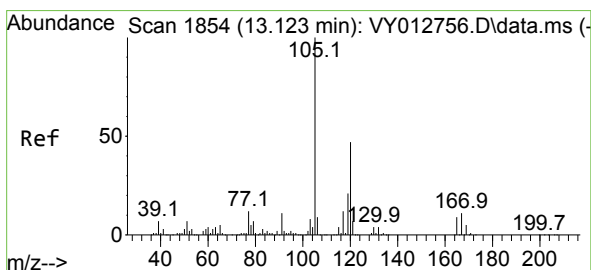
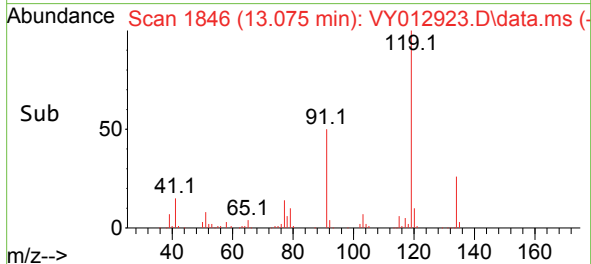
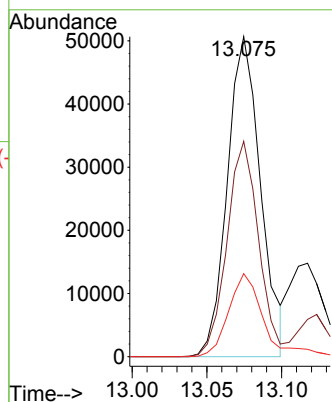
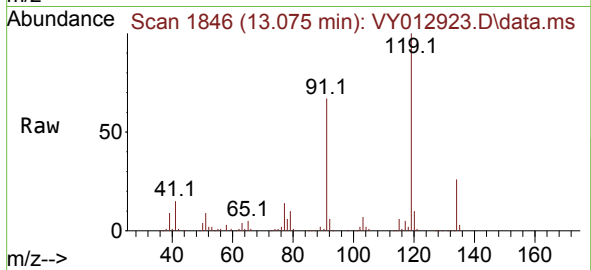




#83
tert-Butylbenzene
Concen: 21.521 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

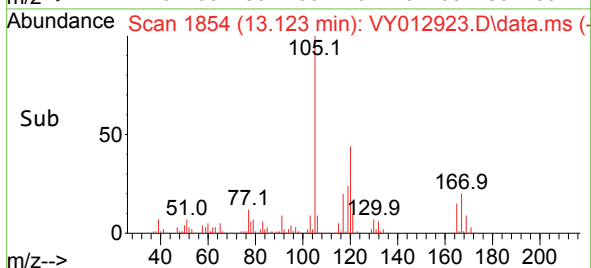
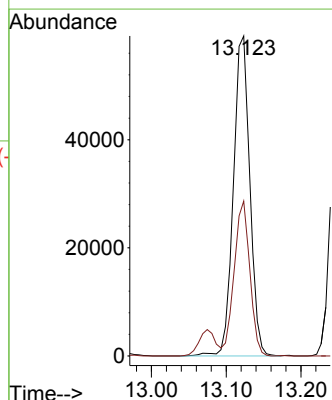
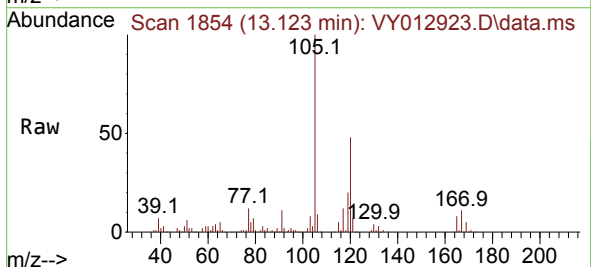
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

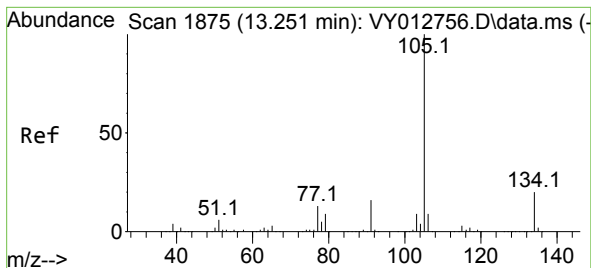
Tgt Ion:119 Resp: 78501
Ion Ratio Lower Upper
119 100
91 63.8 32.8 98.3
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.878 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:105 Resp: 90411
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.448 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

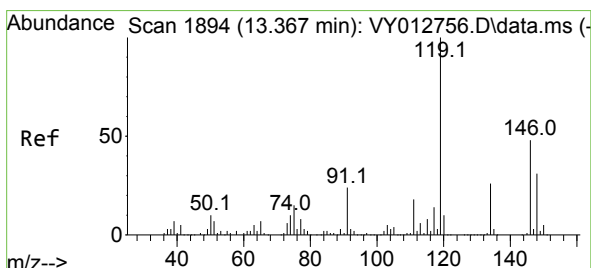
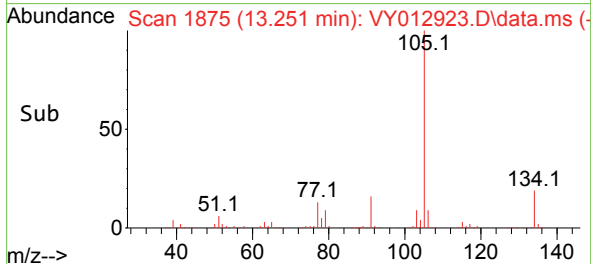
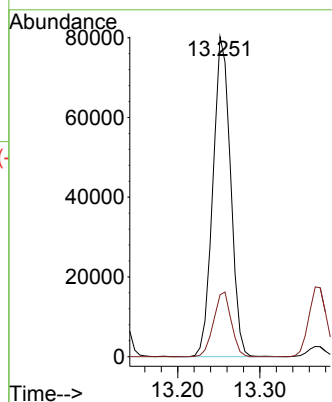
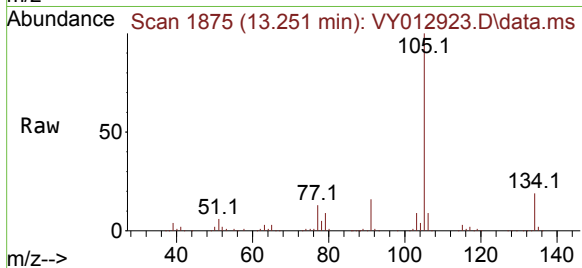
VY0313SBS01

Tgt Ion:105 Resp: 119355

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.728 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

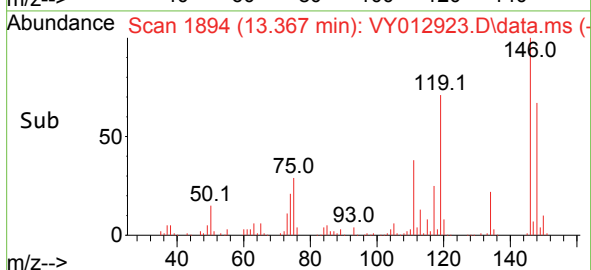
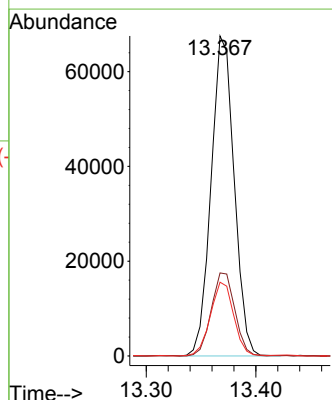
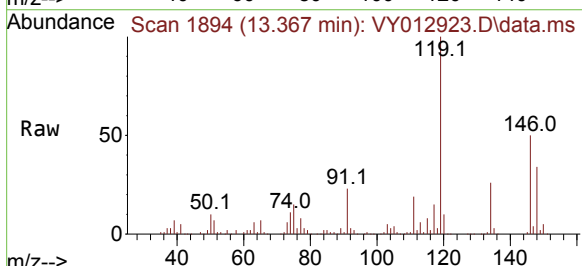
Tgt Ion:119 Resp: 98819

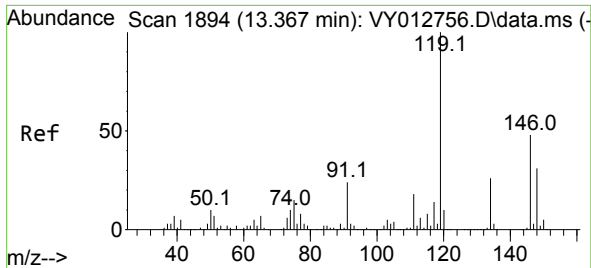
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.4 11.8 35.3

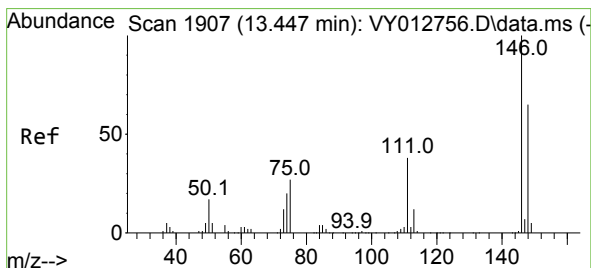
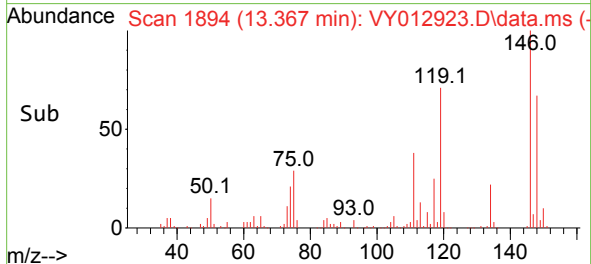
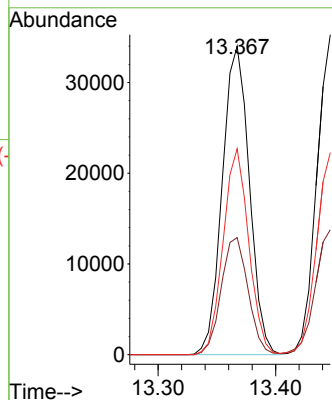
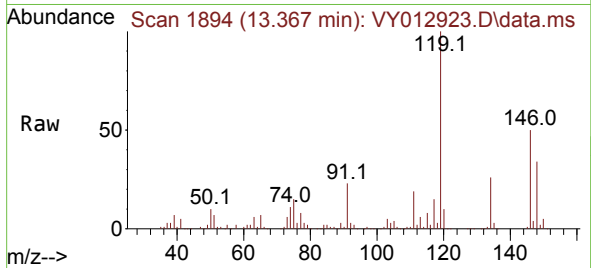




#87
1,3-Dichlorobenzene
Concen: 22.657 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

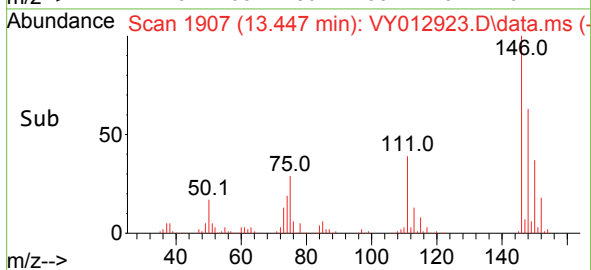
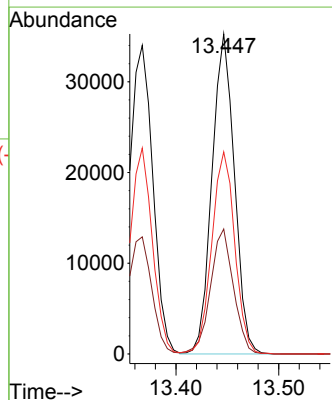
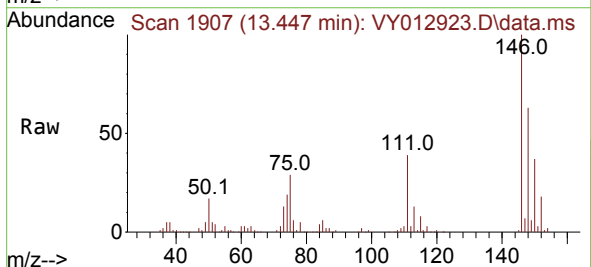
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

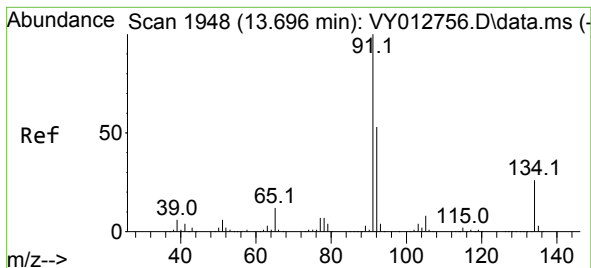
Tgt Ion:146 Resp: 54363
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.5
148 63.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 21.841 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion:146 Resp: 53485
Ion Ratio Lower Upper
146 100
111 40.1 18.6 55.8
148 64.8 31.5 94.5





#89

n-Butylbenzene

Concen: 21.035 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

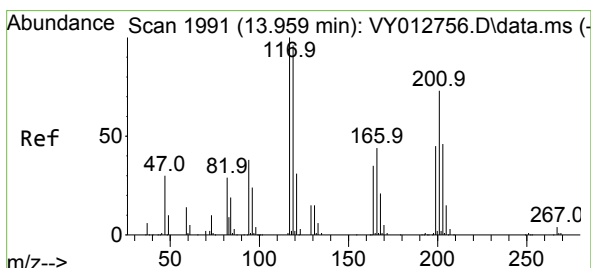
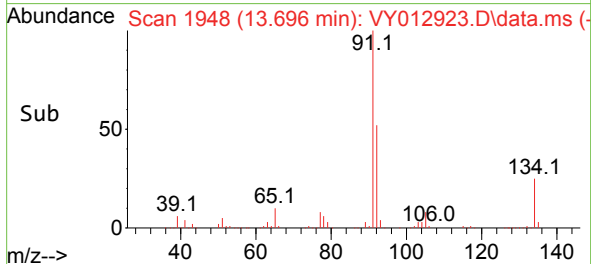
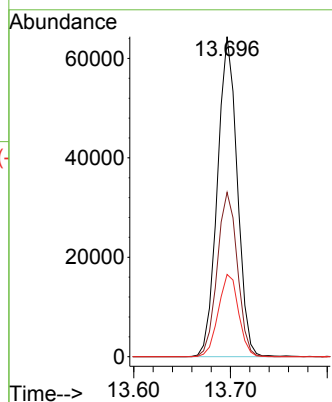
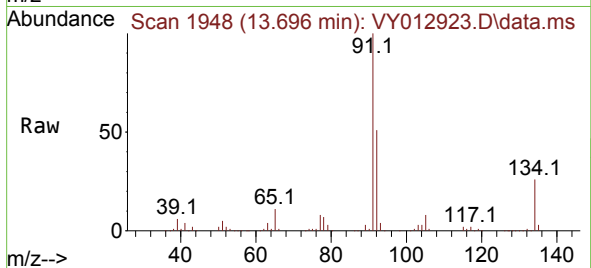
Tgt Ion: 91 Resp: 91585

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 21.997 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012923.D

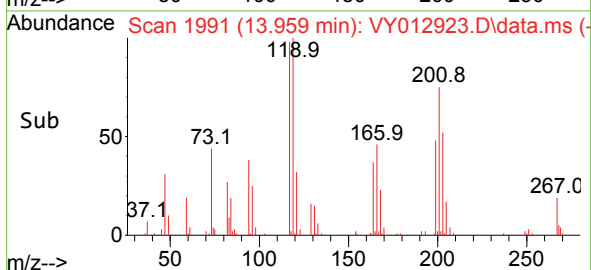
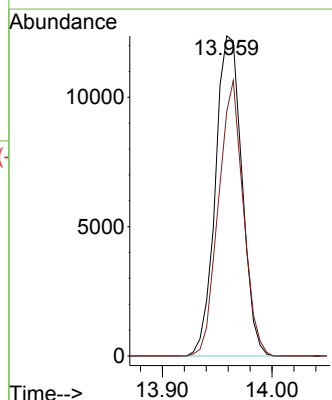
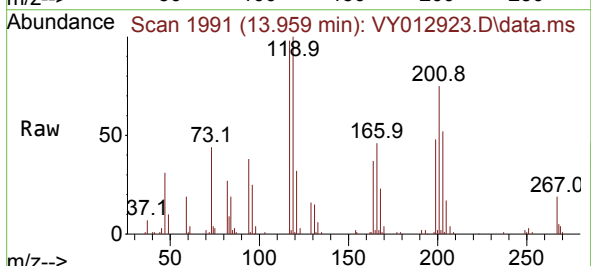
Acq: 13 Mar 2023 12:47

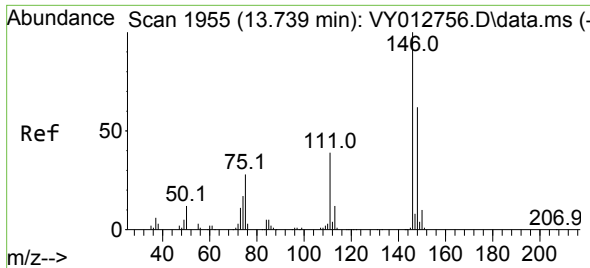
Tgt Ion: 117 Resp: 20837

Ion Ratio Lower Upper

117 100

201 80.3 39.4 118.1

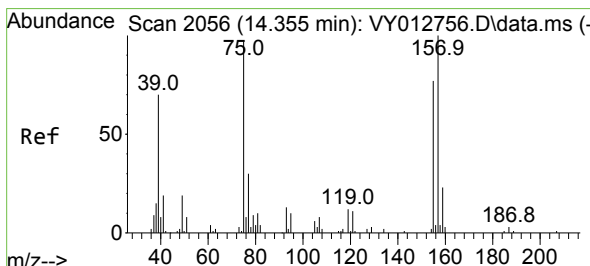
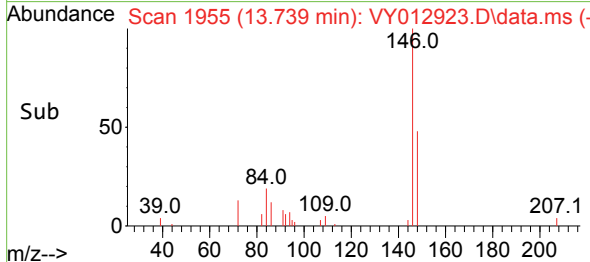
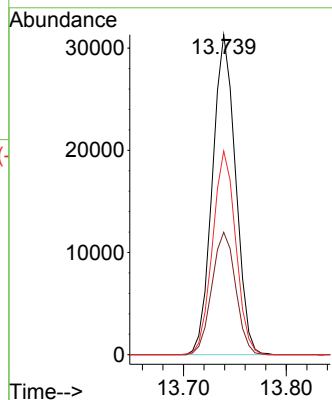
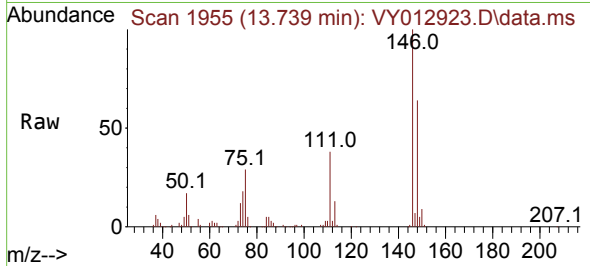




#91
1,2-Dichlorobenzene
Concen: 22.586 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

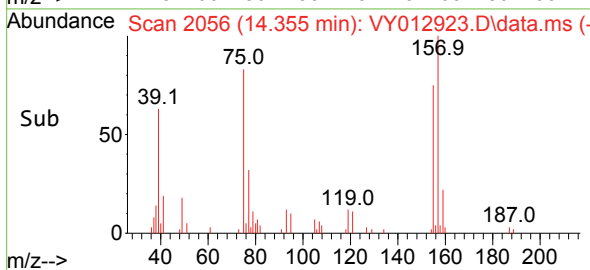
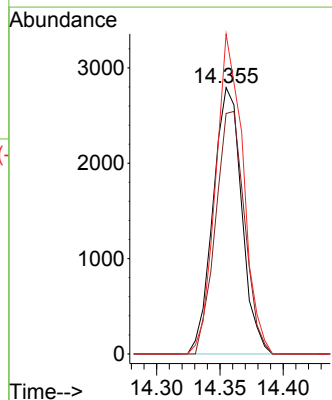
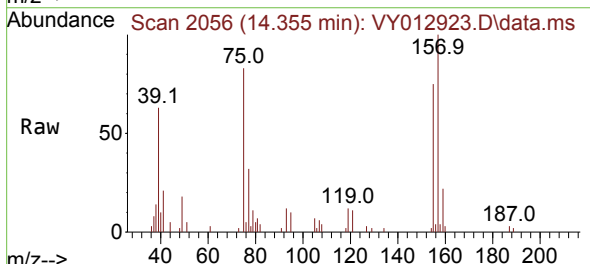
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

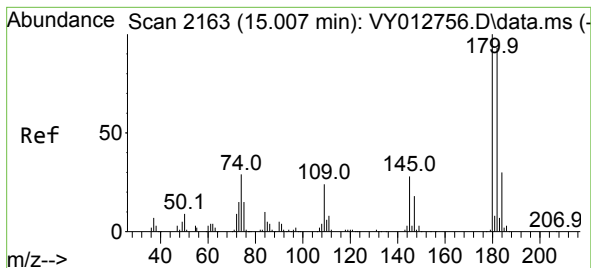
Tgt Ion:146 Resp: 48987
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.1
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.661 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012923.D
Acq: 13 Mar 2023 12:47

Tgt Ion: 75 Resp: 4402
Ion Ratio Lower Upper
75 100
155 92.1 43.8 131.4
157 114.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 22.012 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

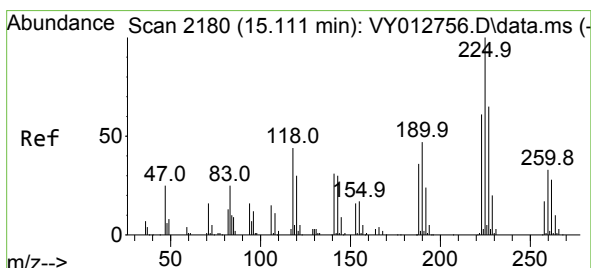
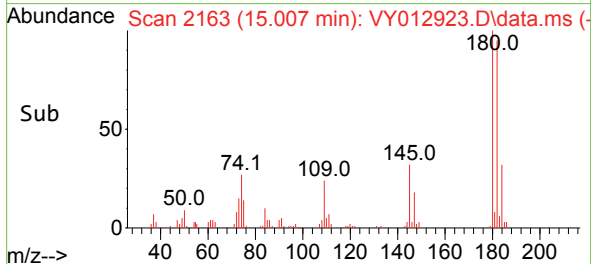
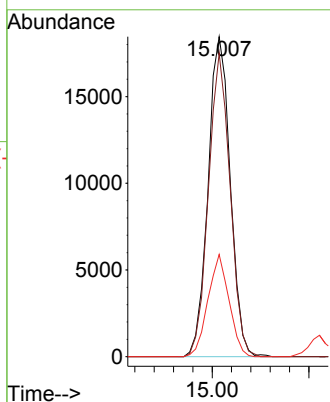
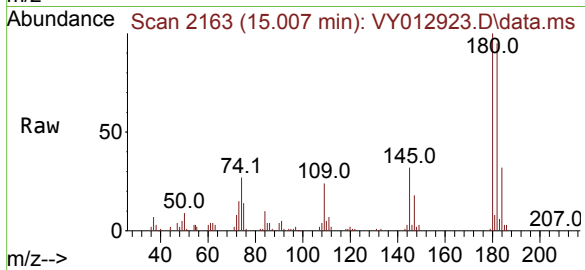
Tgt Ion:180 Resp: 29396

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.1

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.057 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

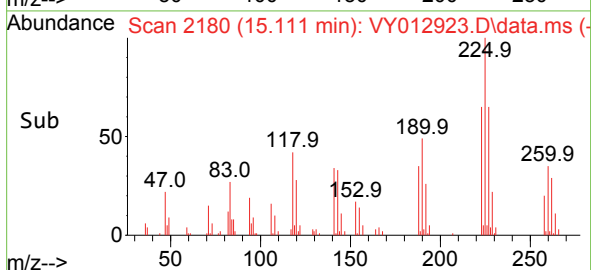
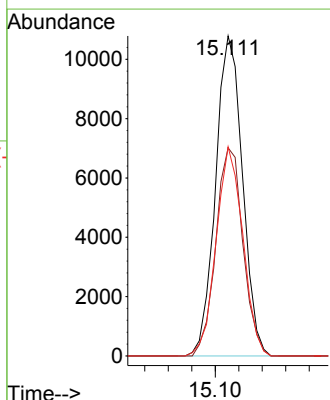
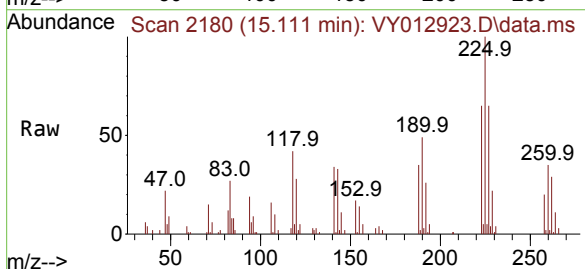
Tgt Ion:225 Resp: 17151

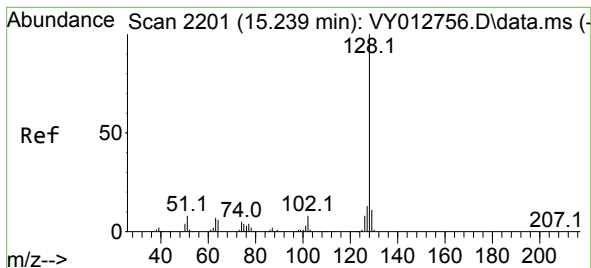
Ion Ratio Lower Upper

225 100

223 65.5 31.1 93.3

227 64.8 32.4 97.0





#95

Naphthalene

Concen: 21.667 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

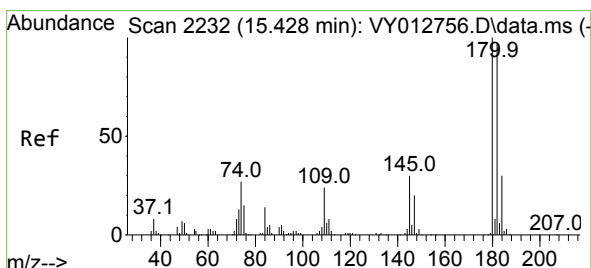
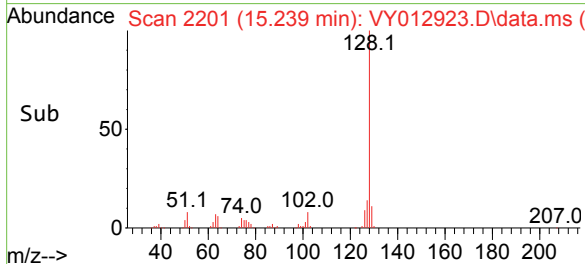
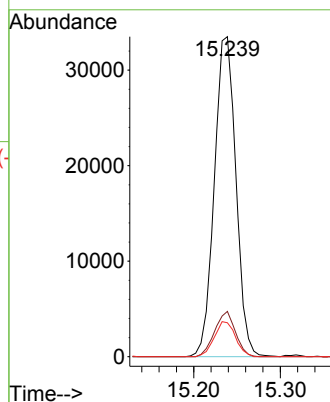
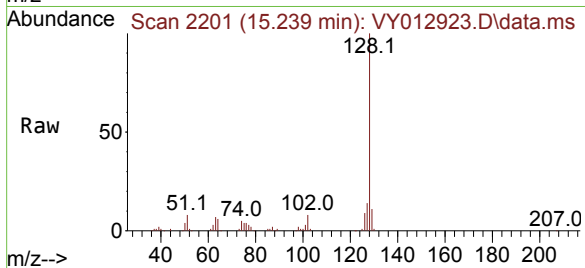
Tgt Ion:128 Resp: 57982

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.469 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012923.D

Acq: 13 Mar 2023 12:47

Tgt Ion:180 Resp: 25498

Ion Ratio Lower Upper

180 100

182 98.9 47.4 142.3

145 31.3 15.3 45.8

