

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012699.D
 Acq On : 23 Feb 2023 11:32
 Operator : KP/MD
 Sample : VY0223SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

Quant Time: Feb 23 23:51:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65122	47.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.440%
35) Dibromofluoromethane	7.716	113	60145	48.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	227132	49.265	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.483	95	74018	50.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	23285	19.395	ug/l	97
3) Chloromethane	2.113	50	29409	18.195	ug/l	100
4) Vinyl Chloride	2.253	62	26611	20.061	ug/l	99
5) Bromomethane	2.643	94	15597	21.469	ug/l	97
6) Chloroethane	2.796	64	16198	19.182	ug/l	97
7) Trichlorofluoromethane	3.125	101	44092	20.620	ug/l	95
8) Diethyl Ether	3.527	74	15172	19.818	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	26177	20.485	ug/l	99
10) Methyl Iodide	4.088	142	32870	19.645	ug/l	100
11) Tert butyl alcohol	4.954	59	14783	97.988	ug/l	96
12) 1,1-Dichloroethene	3.875	96	25323	20.527	ug/l	99
13) Acrolein	3.729	56	19395	101.750	ug/l	99
14) Allyl chloride	4.478	41	46451	19.401	ug/l	99
15) Acrylonitrile	5.161	53	39431	96.813	ug/l	99
16) Acetone	3.948	43	40972	91.043	ug/l	96
17) Carbon Disulfide	4.198	76	83713	20.165	ug/l	100
18) Methyl Acetate	4.478	43	27441	18.929	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	64155	19.334	ug/l	100
20) Methylene Chloride	4.716	84	34844	21.376	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	27658	20.612	ug/l	96
22) Diisopropyl ether	6.125	45	93437	20.914	ug/l	98
23) Vinyl Acetate	6.057	43	275448	99.546	ug/l	98
24) 1,1-Dichloroethane	6.021	63	51143	20.644	ug/l	99
25) 2-Butanone	6.984	43	56661	94.863	ug/l	100
26) 2,2-Dichloropropane	6.984	77	43810	20.273	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	29721	20.243	ug/l	100
28) Bromochloromethane	7.332	49	20836	21.004	ug/l	98
29) Tetrahydrofuran	7.350	42	35611	97.656	ug/l	99
30) Chloroform	7.508	83	49751	20.726	ug/l	99
31) Cyclohexane	7.783	56	47072	19.645	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	43754	20.135	ug/l	99
36) 1,1-Dichloropropene	7.917	75	39596	20.299	ug/l	98
37) Ethyl Acetate	7.076	43	23778	18.065	ug/l	97
38) Carbon Tetrachloride	7.899	117	40090	19.877	ug/l	95
39) Methylcyclohexane	9.185	83	46016	20.450	ug/l	96
40) Benzene	8.161	78	112489	20.659	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	33128	51.677	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	33746	19.987	ug/l	100
43) Isopropyl Acetate	8.270	43	43031	18.919	ug/l	98
44) Trichloroethene	8.941	130	29020	20.614	ug/l	97
45) 1,2-Dichloropropane	9.215	63	29161	20.821	ug/l	100
46) Dibromomethane	9.307	93	15739	20.357	ug/l	97
47) Bromodichloromethane	9.496	83	37633	20.219	ug/l	98
48) Methyl methacrylate	9.295	41	19613	18.479	ug/l	98
49) 1,4-Dioxane	9.295	88	3850	359.724	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	117300	95.606	ug/l	99
52) Toluene	10.246	92	68761	21.314	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	38423	19.755	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	44741	20.329	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	21537	20.509	ug/l	96
56) Ethyl methacrylate	10.508	69	28407	19.808	ug/l	98
57) 1,3-Dichloropropane	10.794	76	37452	20.292	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	72650	92.760	ug/l	100
59) 2-Hexanone	10.831	43	82703	95.085	ug/l	98
60) Dibromochloromethane	10.983	129	26202	20.595	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20712	20.587	ug/l	99
64) Tetrachloroethene	10.721	164	24127	20.680	ug/l	96
65) Chlorobenzene	11.514	112	72066	20.949	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	26868	21.075	ug/l	98
67) Ethyl Benzene	11.593	91	127449	20.727	ug/l	99
68) m/p-Xylenes	11.703	106	99751	42.526	ug/l	97
69) o-Xylene	12.032	106	45118	20.767	ug/l	99
70) Styrene	12.044	104	77222	21.207	ug/l	99
71) Bromoform	12.209	173	16070	19.754	ug/l #	99
73) Isopropylbenzene	12.331	105	121664	20.222	ug/l	99
74) N-amyl acetate	12.142	43	36639	18.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	26420	19.530	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	34322	33.816	ug/l #	100
77) Bromobenzene	12.611	156	28967	20.094	ug/l	98
78) n-propylbenzene	12.672	91	152867	20.313	ug/l	100
79) 2-Chlorotoluene	12.757	91	84737	20.268	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	100695	20.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8924	18.626	ug/l	98
82) 4-Chlorotoluene	12.855	91	86925	20.047	ug/l	99
83) tert-Butylbenzene	13.075	119	87042	20.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	99452	20.243	ug/l	97
85) sec-Butylbenzene	13.257	105	135015	20.678	ug/l	99
86) p-Isopropyltoluene	13.367	119	109592	20.380	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	57283	20.287	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56916	19.877	ug/l	98
89) n-Butylbenzene	13.696	91	104340	20.260	ug/l	99
90) Hexachloroethane	13.958	117	22582	20.693	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	51047	20.243	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4294	19.310	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	30680	19.237	ug/l	99
94) Hexachlorobutadiene	15.111	225	18799	19.531	ug/l	99
95) Naphthalene	15.239	128	58017	18.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	27219	19.281	ug/l	97

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QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

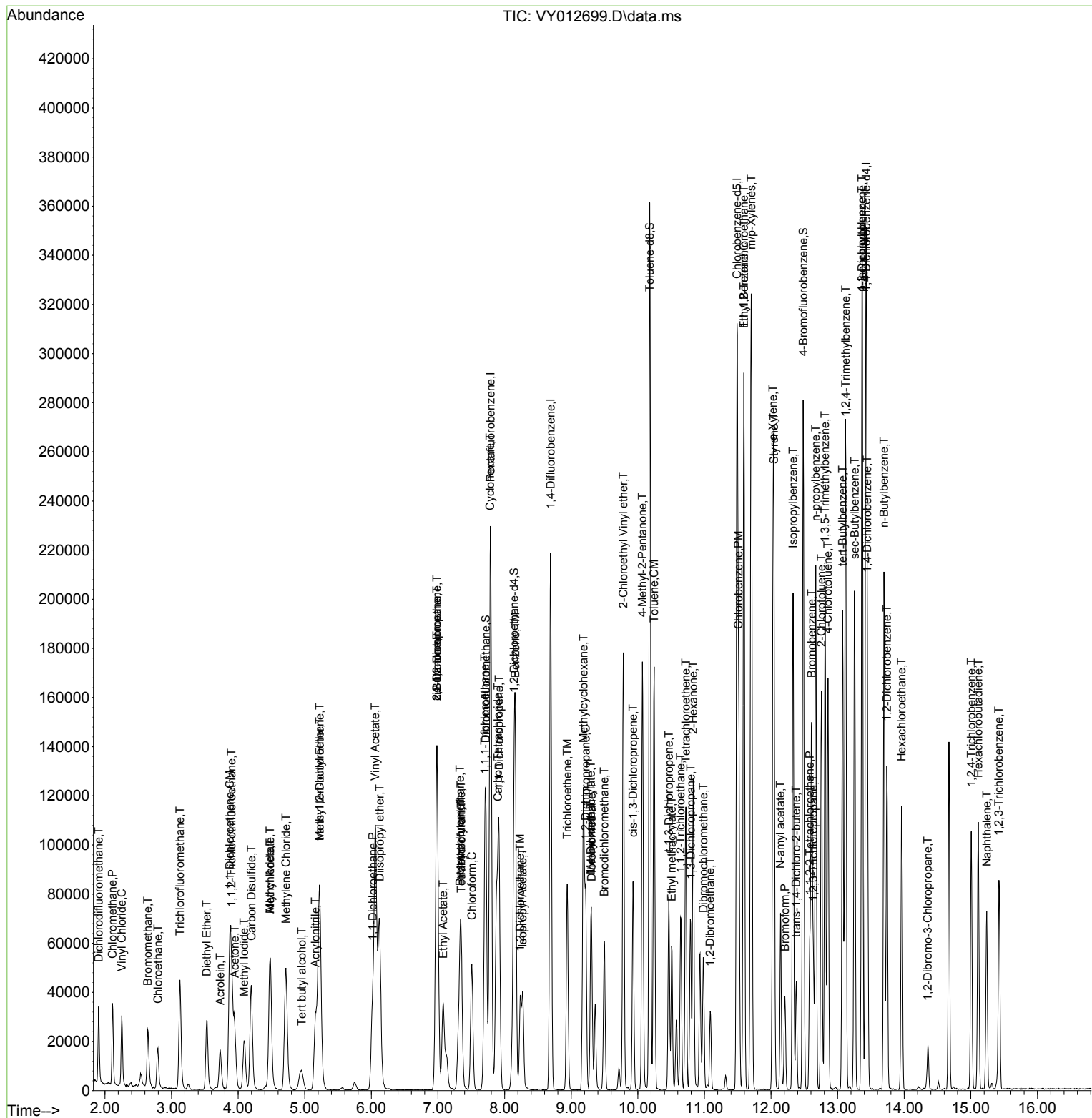
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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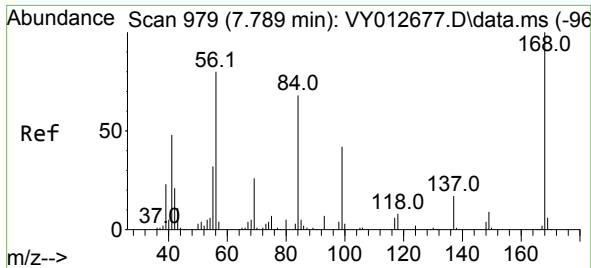
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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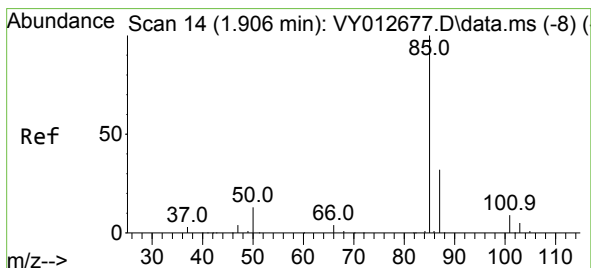
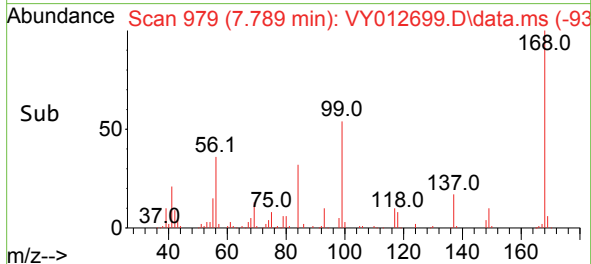
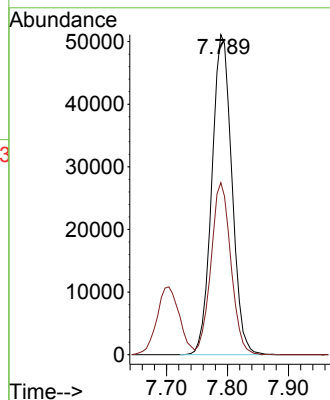
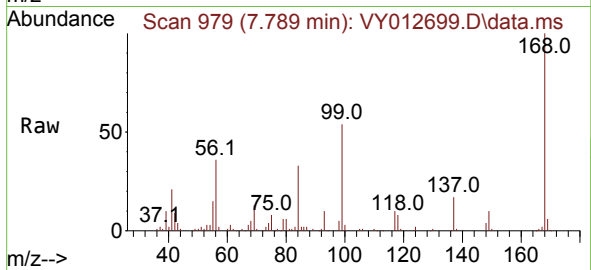




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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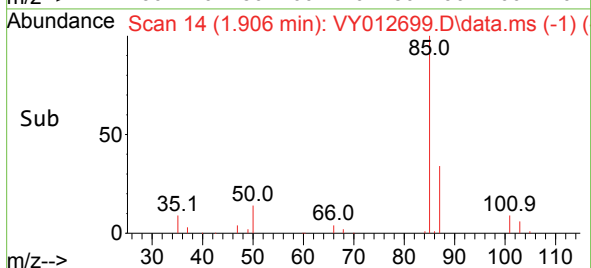
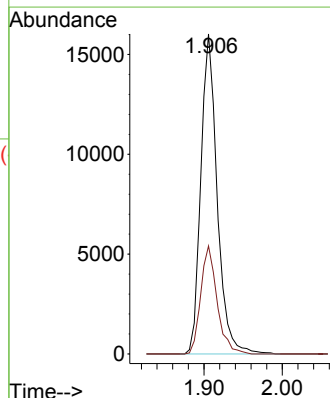
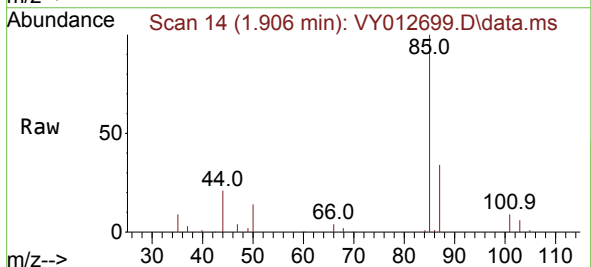
Instrument :
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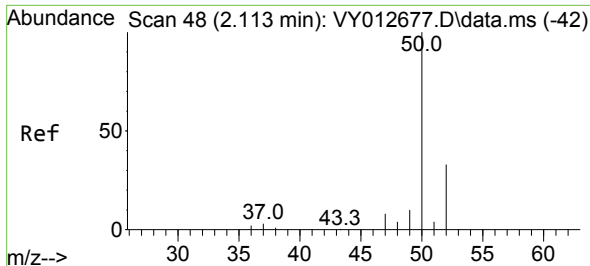
Tgt Ion:168 Resp: 116775
Ion Ratio Lower Upper
168 100
99 53.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 19.395 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 85 Resp: 23285
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

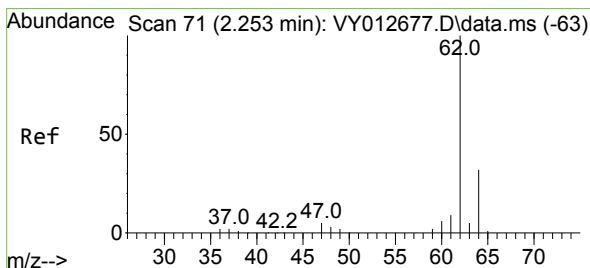
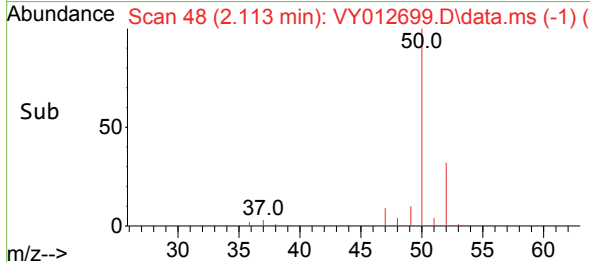
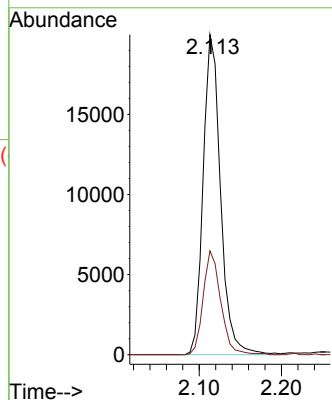
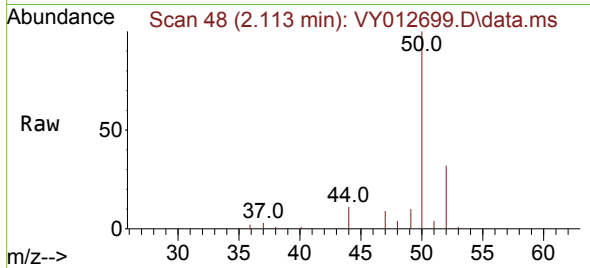




#3
Chloromethane
Concen: 18.195 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

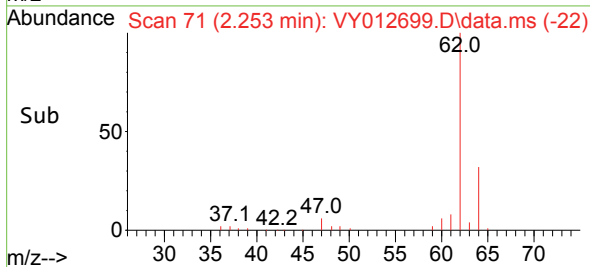
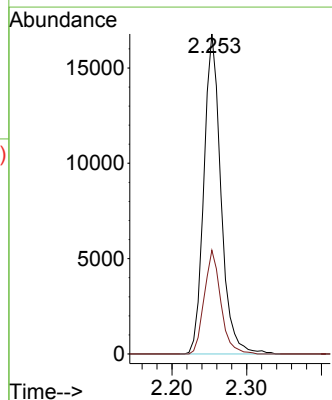
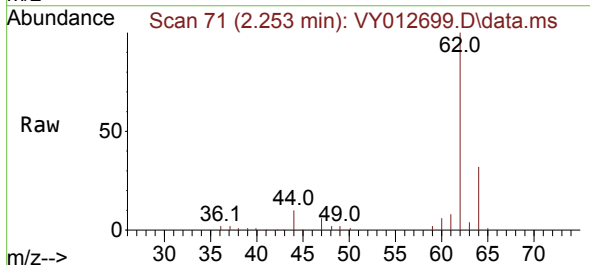
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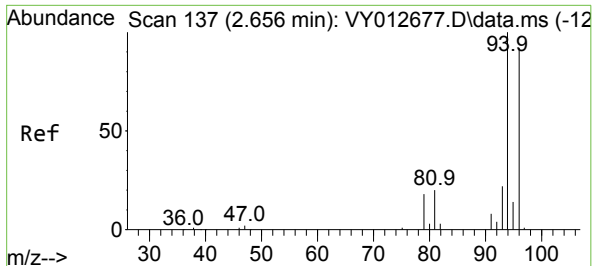
Tgt Ion: 50 Resp: 29409
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 20.061 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 62 Resp: 26611
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2

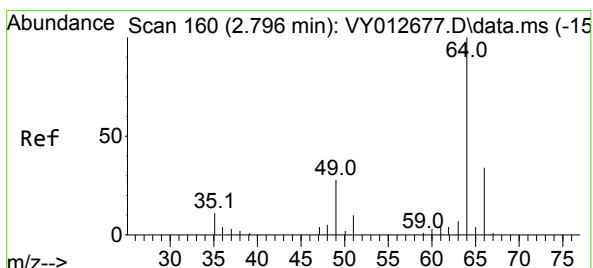
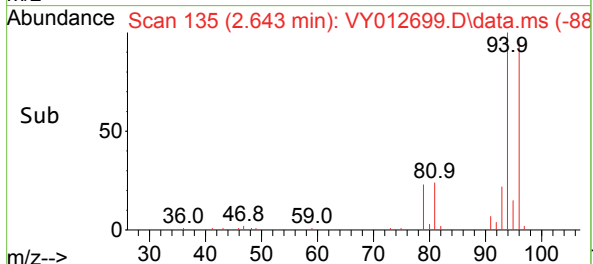
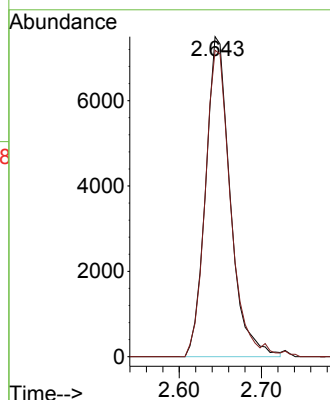
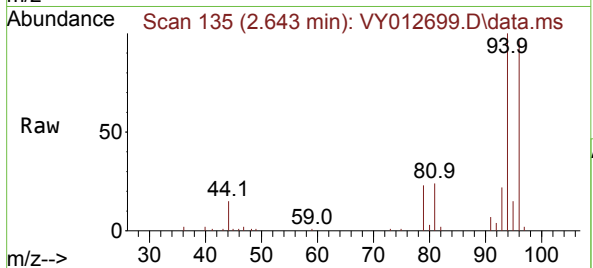




#5
Bromomethane
Concen: 21.469 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012699.D
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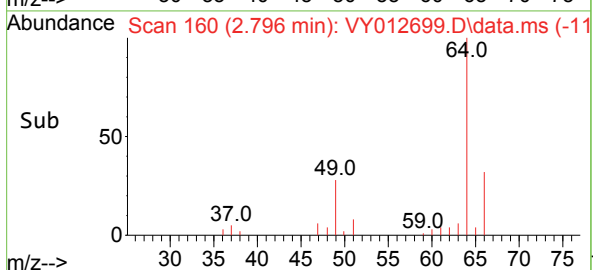
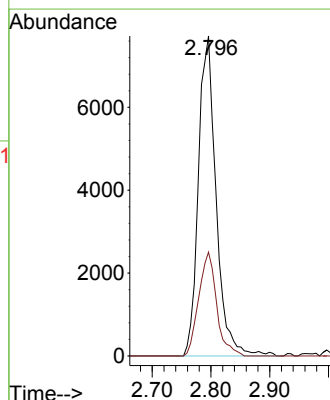
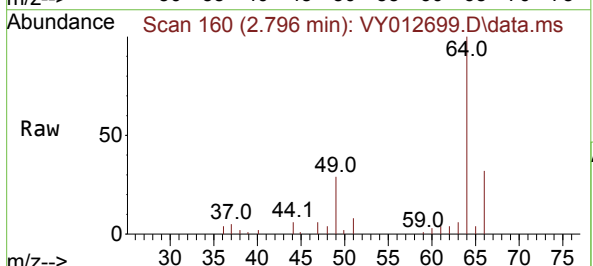
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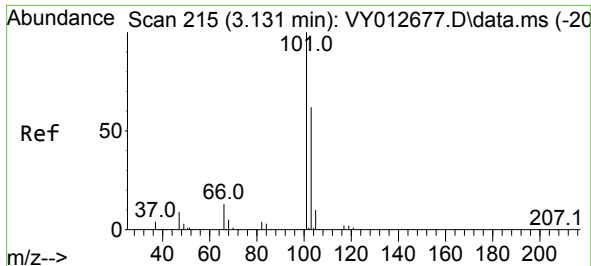
Tgt Ion: 94 Resp: 15597
Ion Ratio Lower Upper
94 100
96 95.7 73.9 110.9



#6
Chloroethane
Concen: 19.182 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 64 Resp: 16198
Ion Ratio Lower Upper
64 100
66 32.4 27.1 40.7

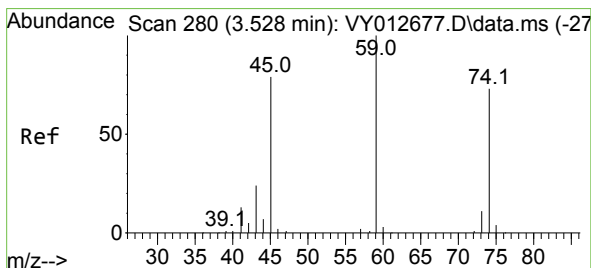
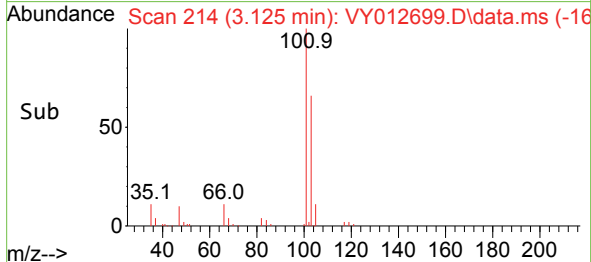
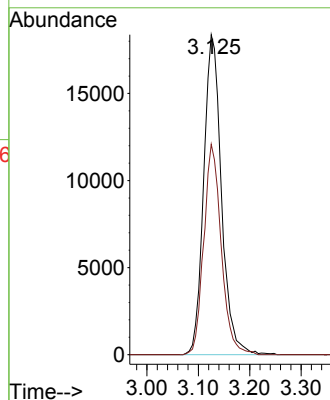
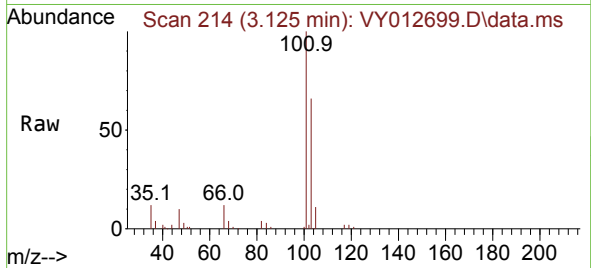




#7
 Trichlorofluoromethane
 Concen: 20.620 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

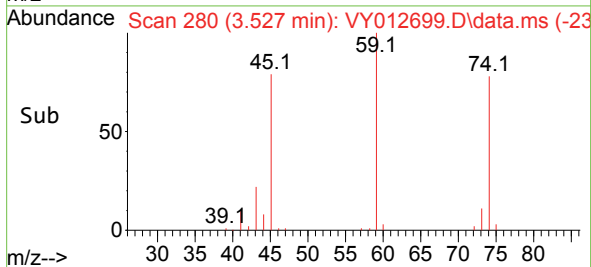
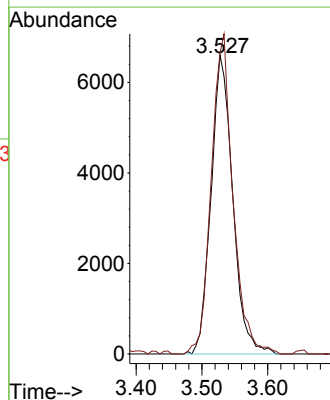
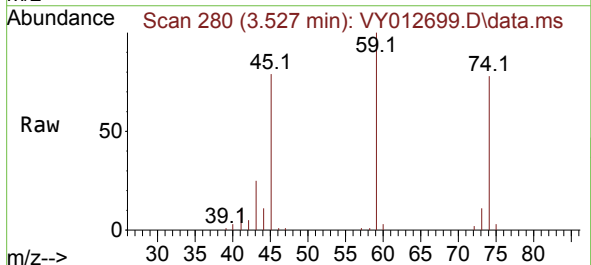
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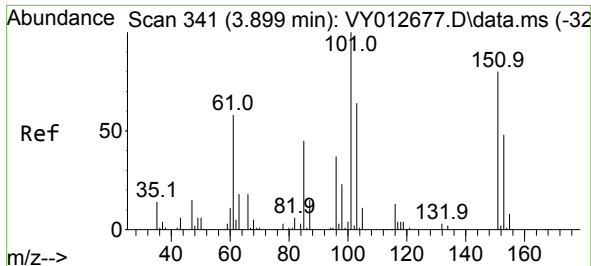
Tgt Ion:101 Resp: 44092
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.8 74.6



#8
 Diethyl Ether
 Concen: 19.818 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 15172
 Ion Ratio Lower Upper
 74 100
 45 106.7 54.6 163.9

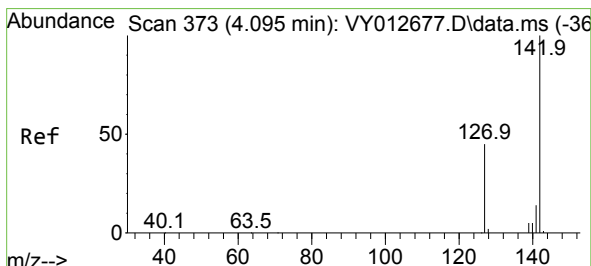
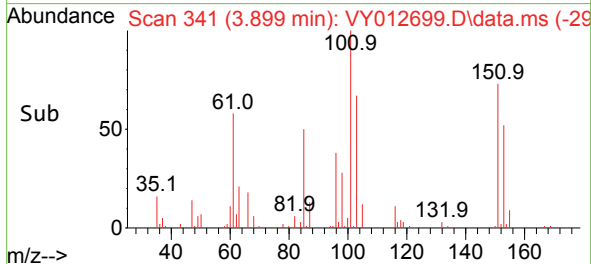
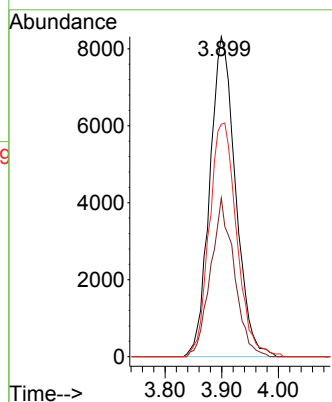
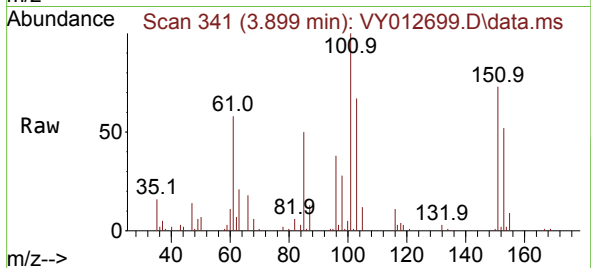




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.485 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

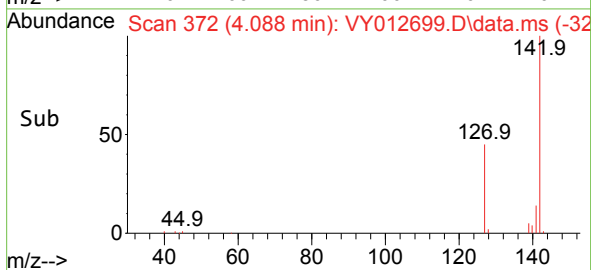
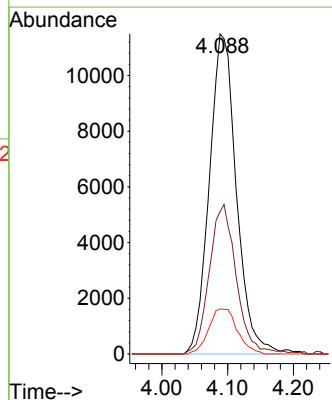
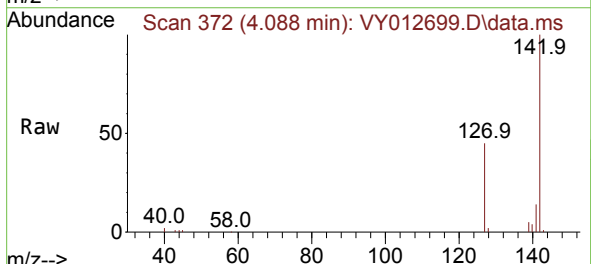
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

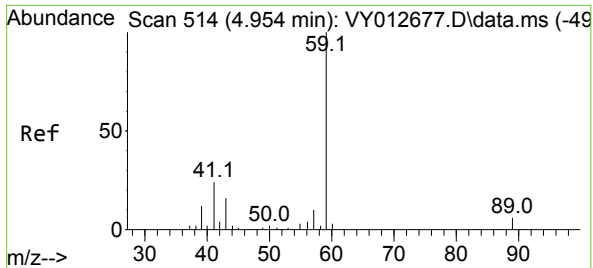
Tgt Ion:101 Resp: 26177
Ion Ratio Lower Upper
101 100
85 45.6 36.4 54.6
151 77.6 63.1 94.7



#10
Methyl Iodide
Concen: 19.645 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:142 Resp: 32870
Ion Ratio Lower Upper
142 100
127 46.5 37.3 55.9
141 14.9 11.6 17.4

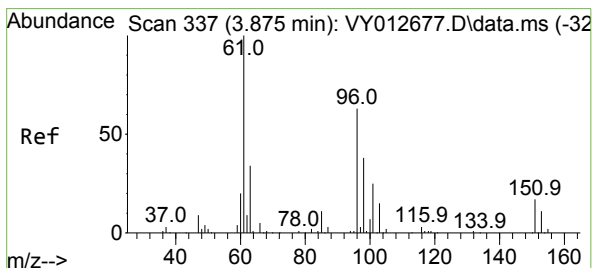
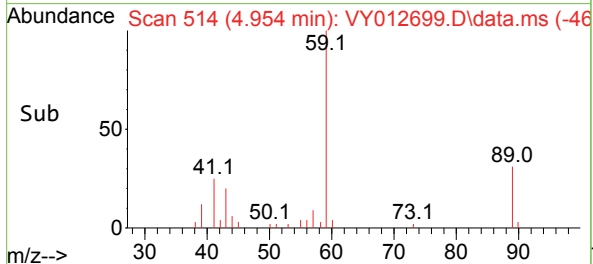
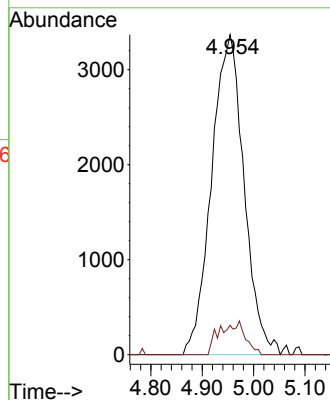
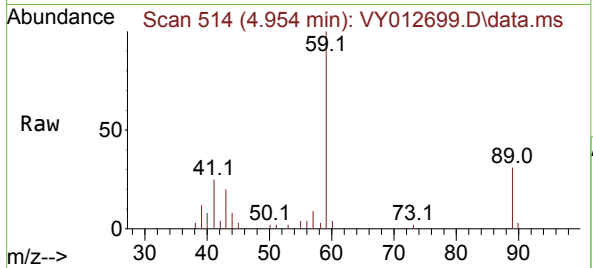




#11
Tert butyl alcohol
Concen: 97.988 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

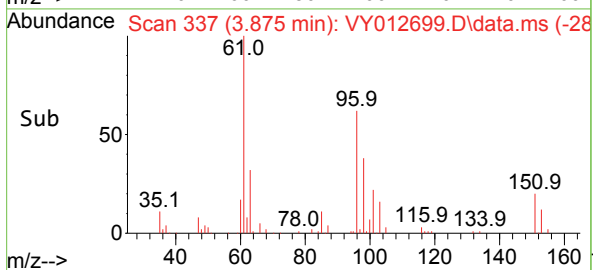
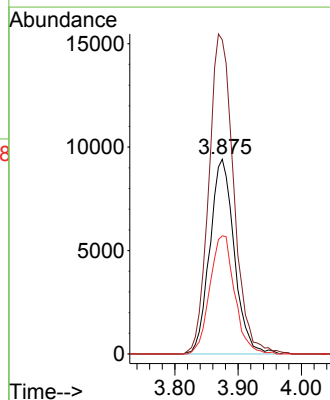
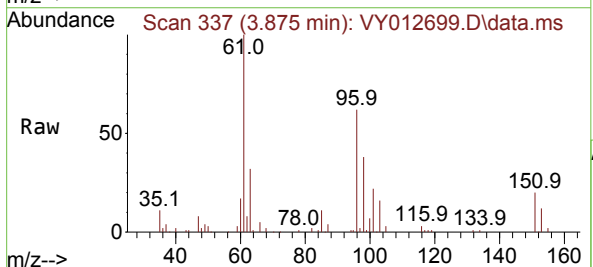
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

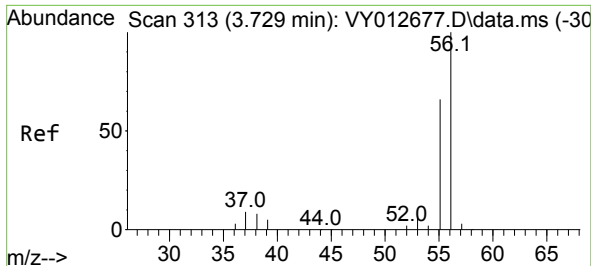
Tgt Ion: 59 Resp: 14783
Ion Ratio Lower Upper
59 100
57 8.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.527 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 96 Resp: 25323
Ion Ratio Lower Upper
96 100
61 161.3 127.3 190.9
98 60.7 49.0 73.4





#13

Acrolein

Concen: 101.750 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

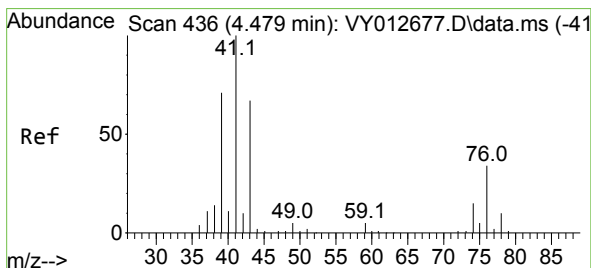
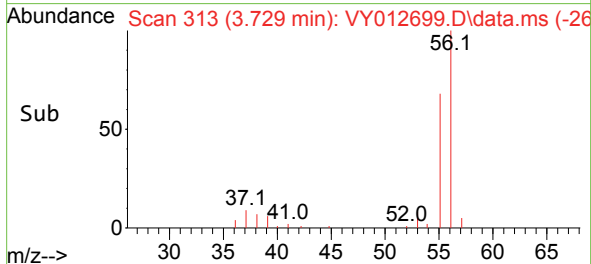
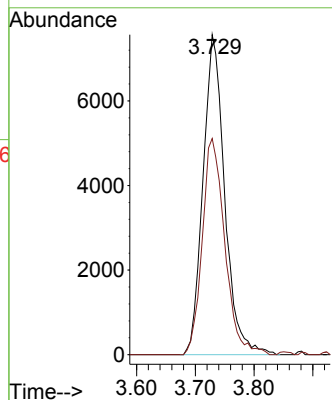
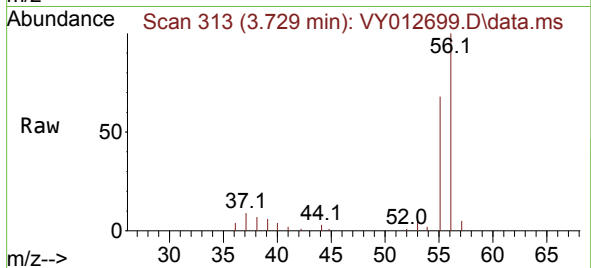
VY0223SBS01

Tgt Ion: 56 Resp: 19395

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 19.401 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

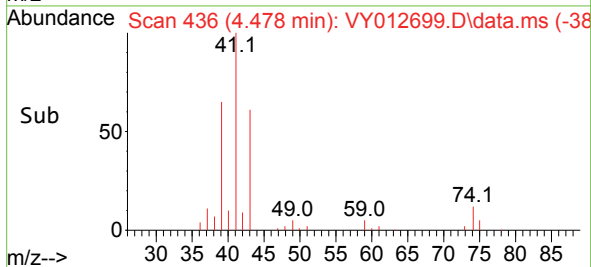
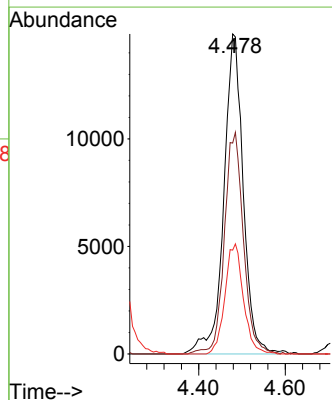
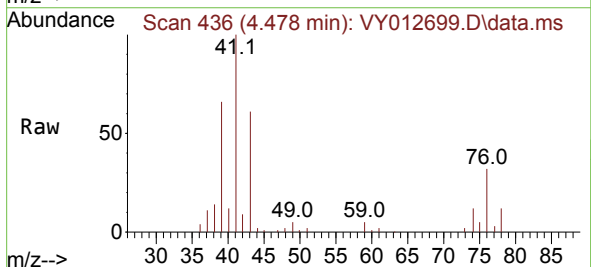
Tgt Ion: 41 Resp: 46451

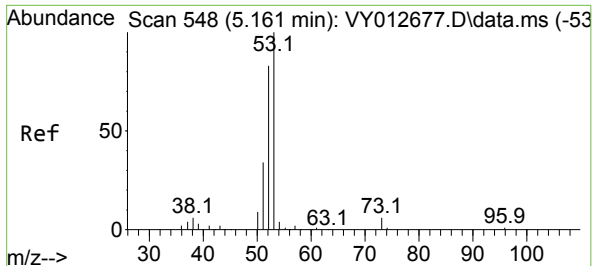
Ion Ratio Lower Upper

41 100

39 68.1 53.8 80.8

76 32.8 25.8 38.6

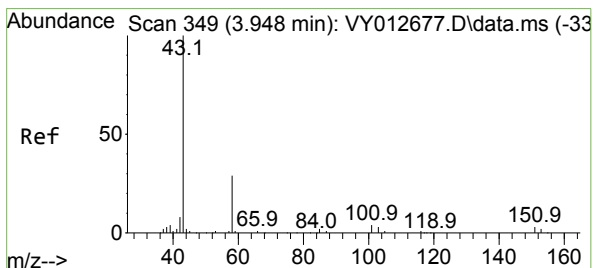
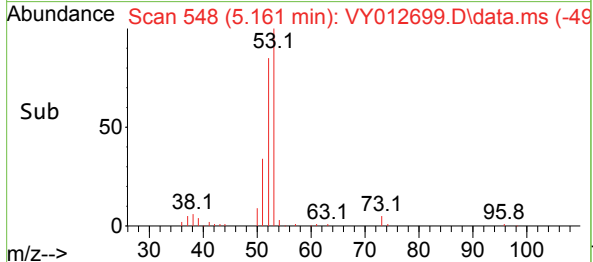
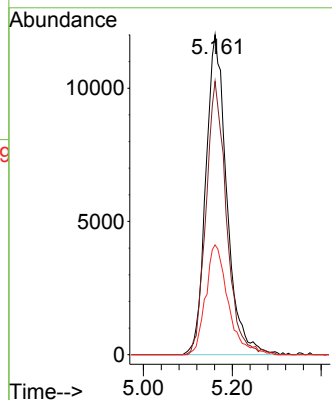
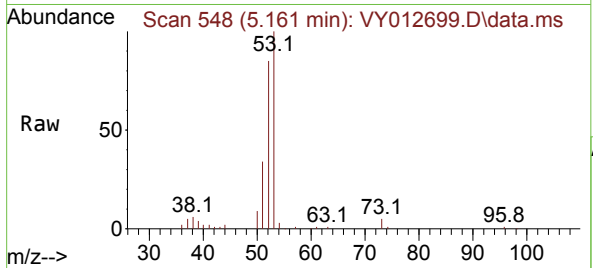




#15
Acrylonitrile
Concen: 96.813 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

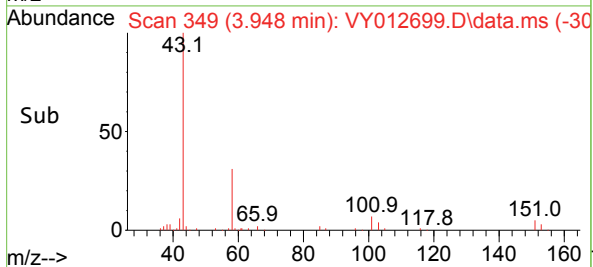
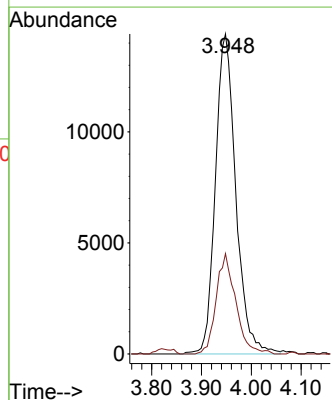
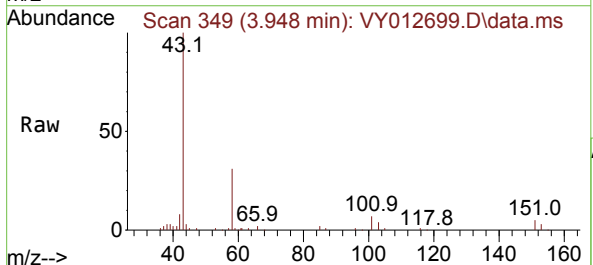
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

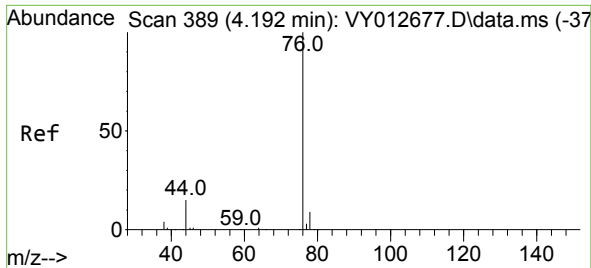
Tgt Ion:	53	Resp:	39431
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.2	97.8
51	36.8	28.6	43.0



#16
Acetone
Concen: 91.043 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:	43	Resp:	40972
Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.3	34.9

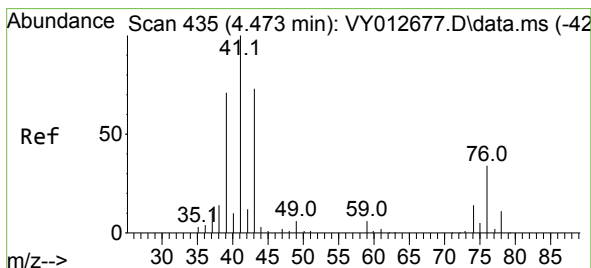
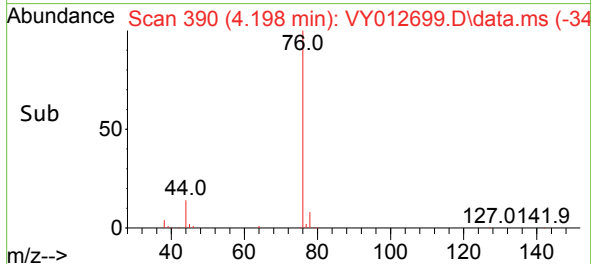
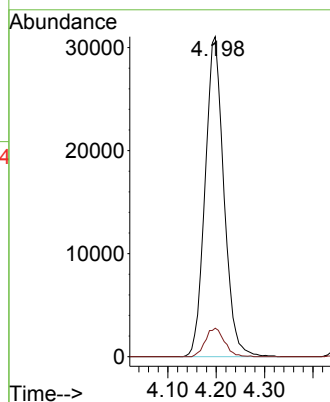
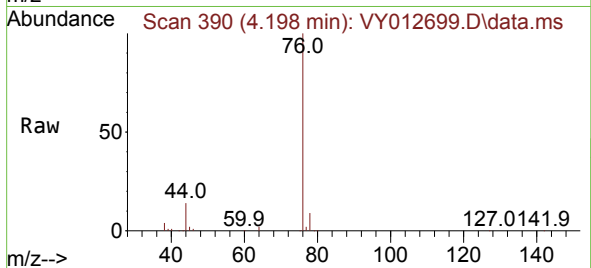




#17
Carbon Disulfide
Concen: 20.165 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

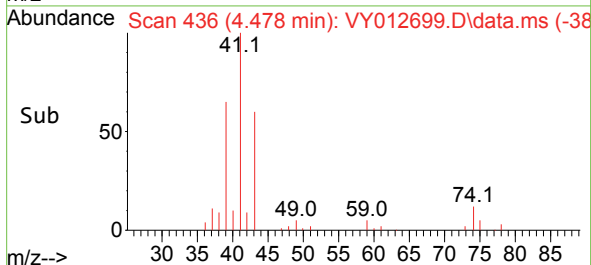
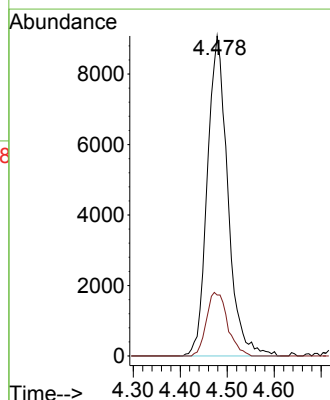
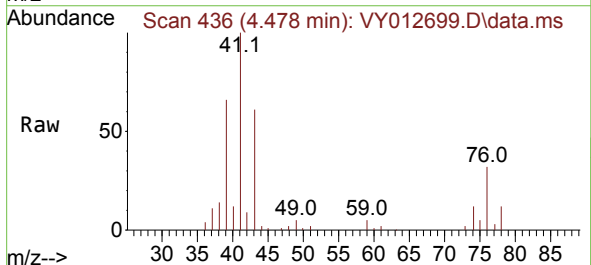
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

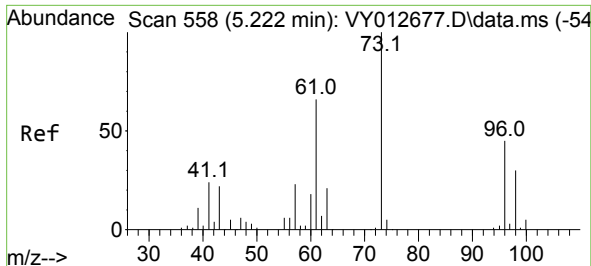
Tgt Ion: 76 Resp: 83713
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 18.929 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 43 Resp: 27441
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7

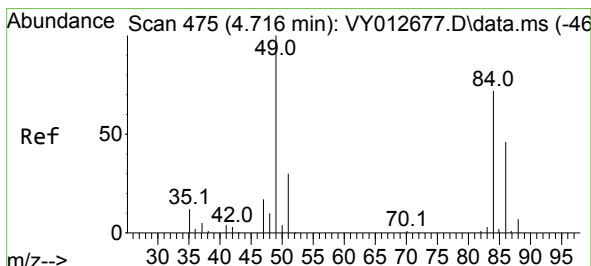
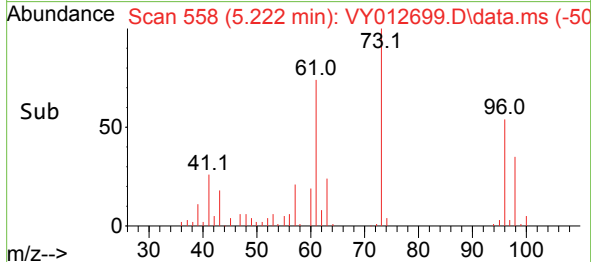
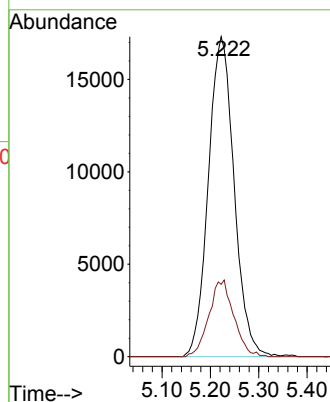
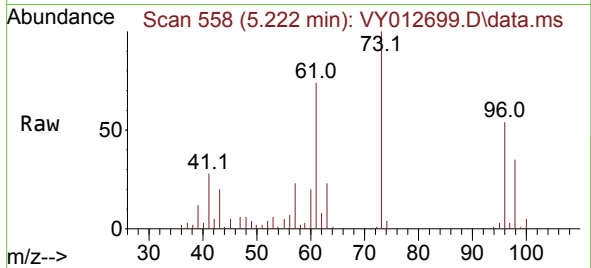




#19
Methyl tert-butyl Ether
Concen: 19.334 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

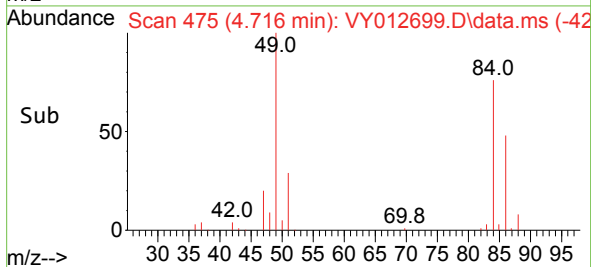
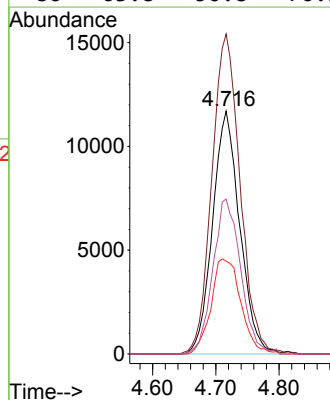
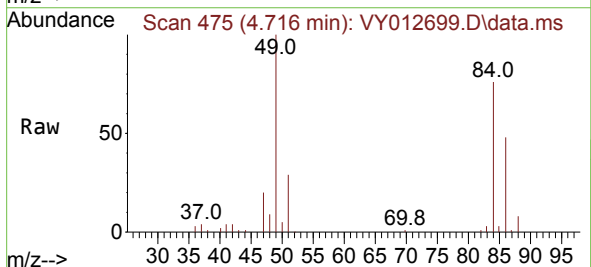
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

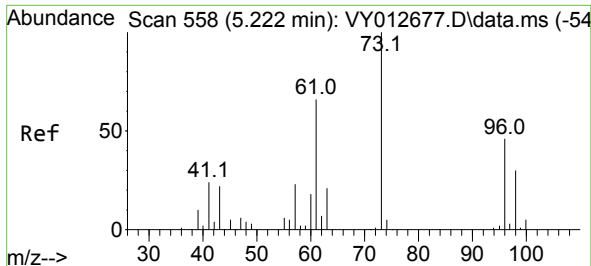
Tgt Ion: 73 Resp: 64155
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 21.376 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 84 Resp: 34844
Ion Ratio Lower Upper
84 100
49 131.7 111.1 166.7
51 38.2 33.5 50.3
86 63.8 50.8 76.2

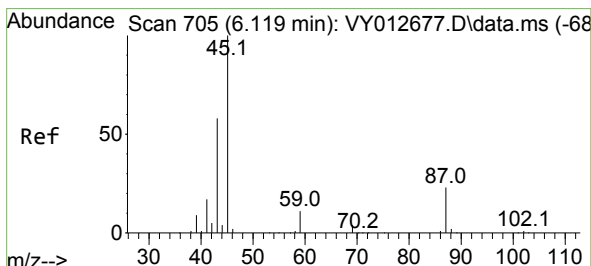
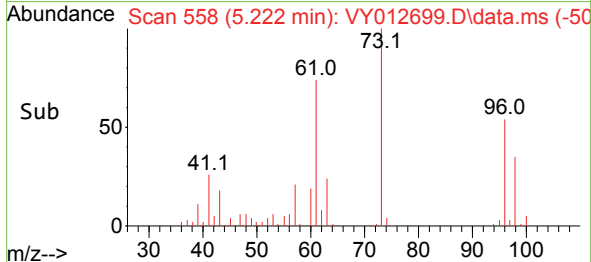
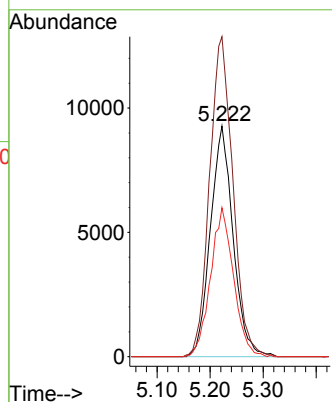
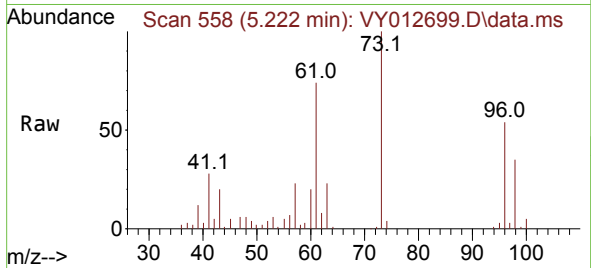




#21
trans-1,2-Dichloroethene
Concen: 20.612 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

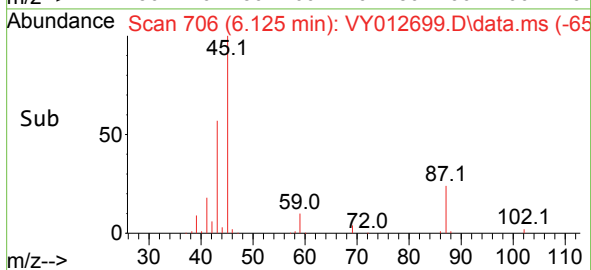
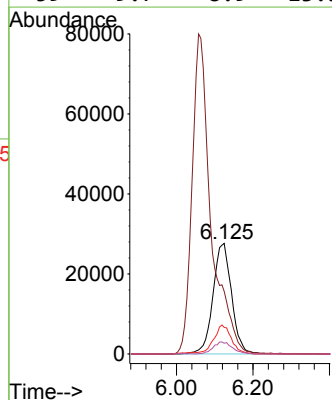
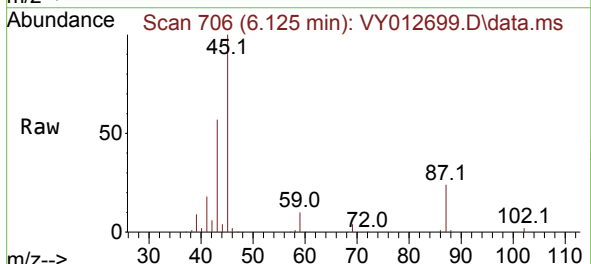
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

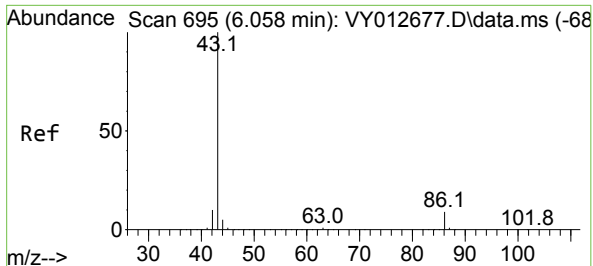
Tgt Ion: 96 Resp: 27658
Ion Ratio Lower Upper
96 100
61 138.7 116.1 174.1
98 64.6 52.3 78.5



#22
Diisopropyl ether
Concen: 20.914 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 45 Resp: 93437
Ion Ratio Lower Upper
45 100
43 55.9 46.2 69.2
87 24.0 18.6 28.0
59 9.7 8.9 13.3

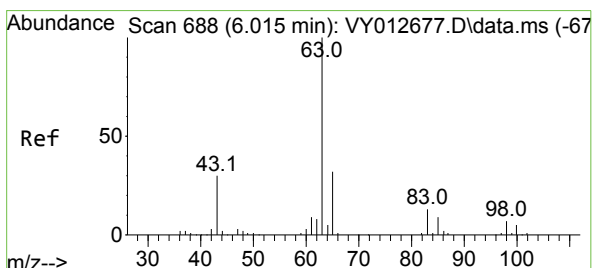
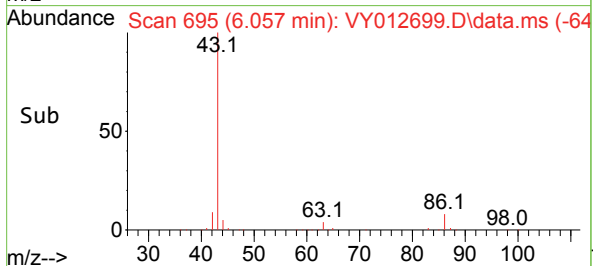
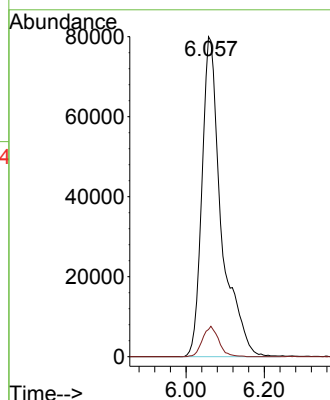
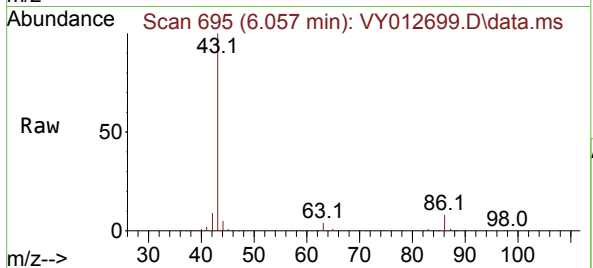




#23
 Vinyl Acetate
 Concen: 99.546 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

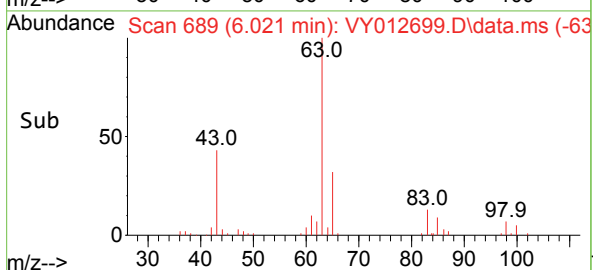
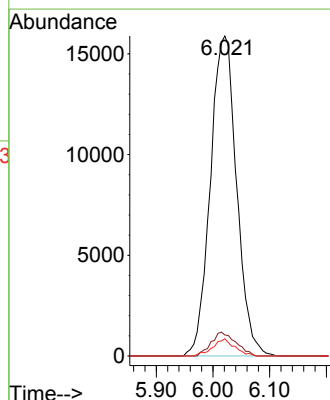
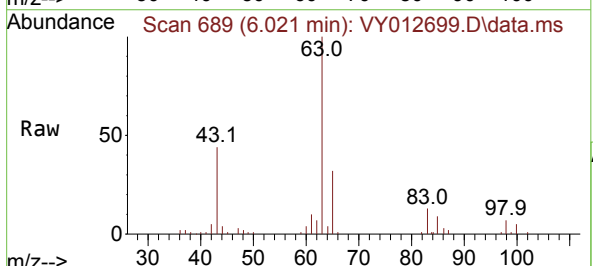
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

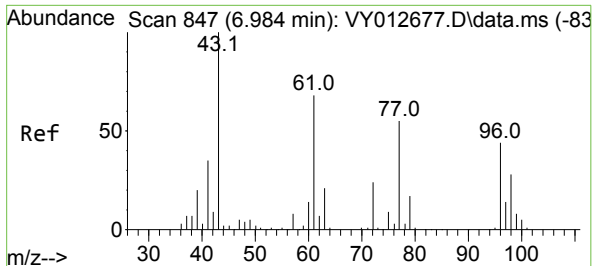
Tgt Ion: 43 Resp: 275448
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 20.644 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

Tgt Ion: 63 Resp: 51143
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 5.4 2.3 6.9

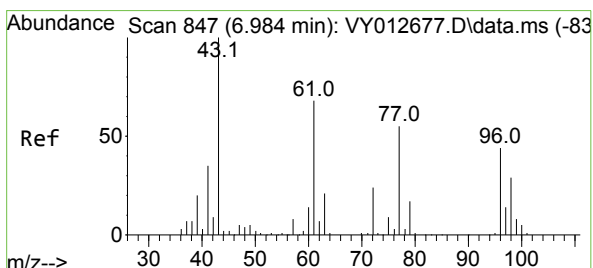
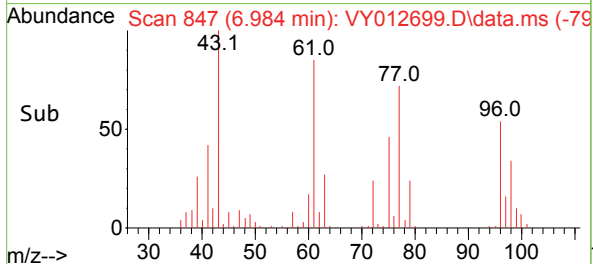
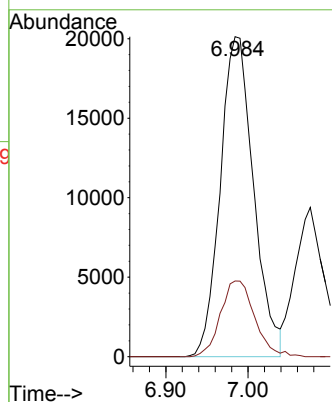
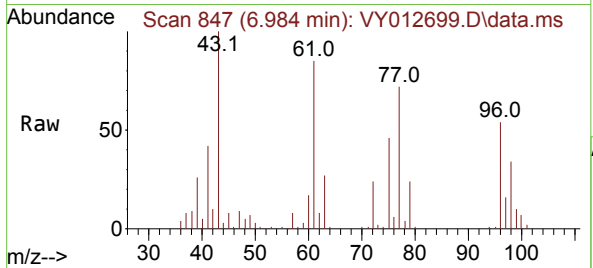




#25
2-Butanone
Concen: 94.863 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

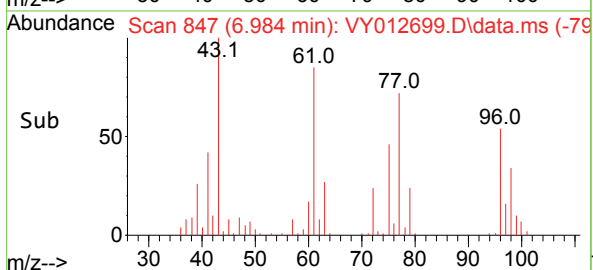
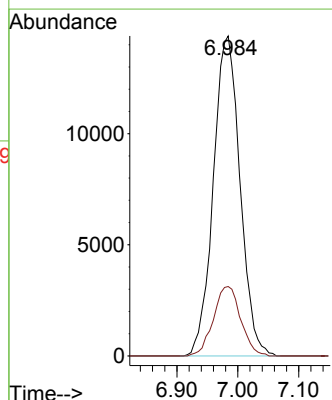
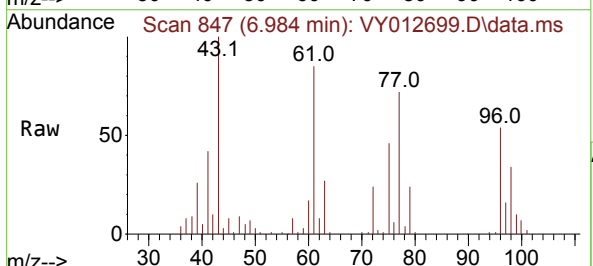
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

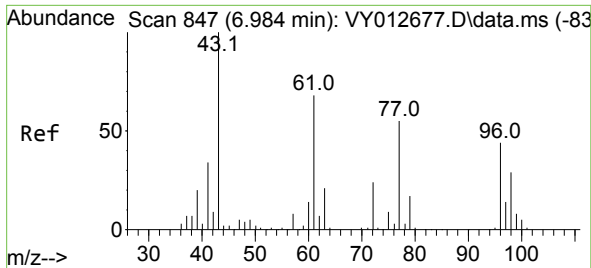
Tgt Ion: 43 Resp: 56661
Ion Ratio Lower Upper
43 100
72 23.7 18.8 28.2



#26
2,2-Dichloropropane
Concen: 20.273 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 77 Resp: 43810
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.1

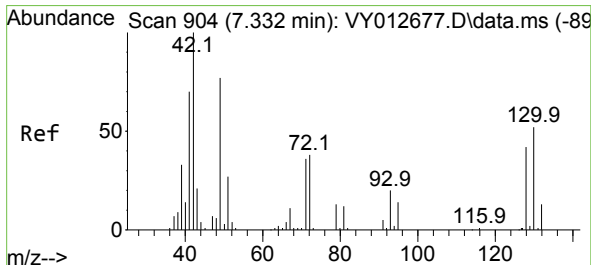
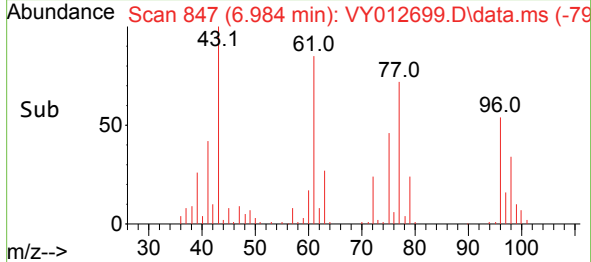
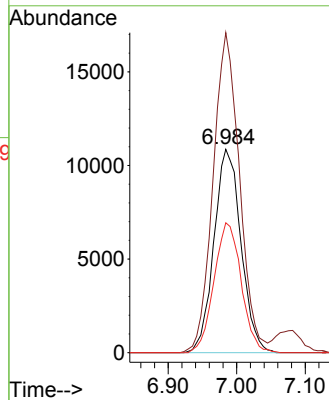
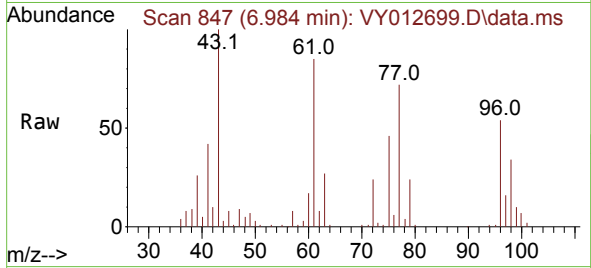




#27
 cis-1,2-Dichloroethene
 Concen: 20.243 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

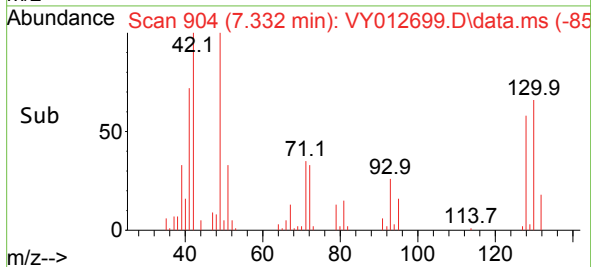
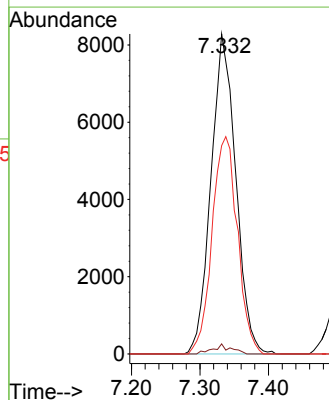
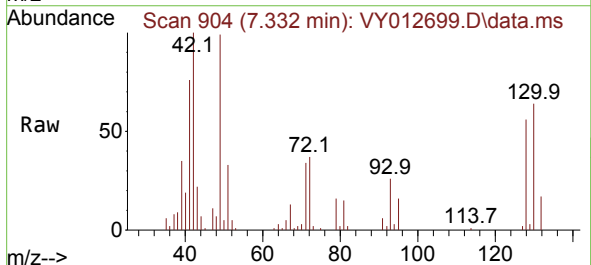
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

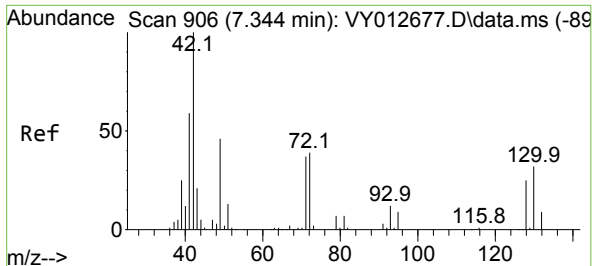
Tgt Ion: 96	Resp: 29721
Ion Ratio	Lower Upper
96 100	
61 154.0	0.0 308.8
98 64.4	0.0 129.0



#28
 Bromochloromethane
 Concen: 21.004 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

Tgt Ion: 49	Resp: 20836
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.0
130 69.3	54.3 81.5





#29

Tetrahydrofuran

Concen: 97.656 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

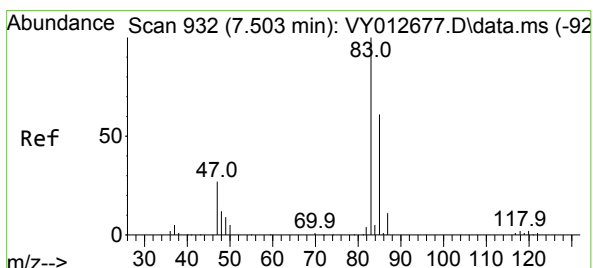
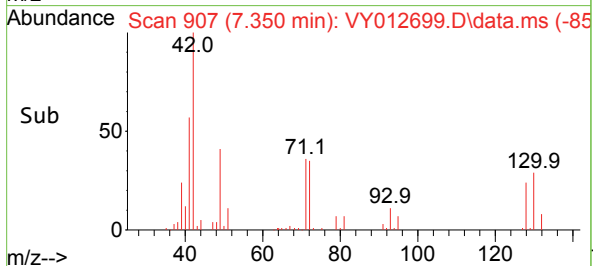
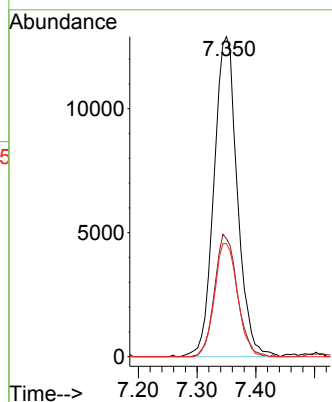
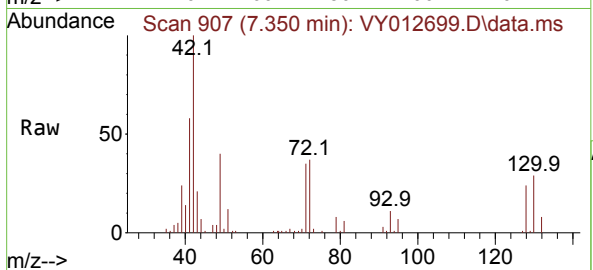
Tgt Ion: 42 Resp: 35611

Ion Ratio Lower Upper

42 100

72 37.1 30.6 45.8

71 35.1 28.6 42.8



#30

Chloroform

Concen: 20.726 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012699.D

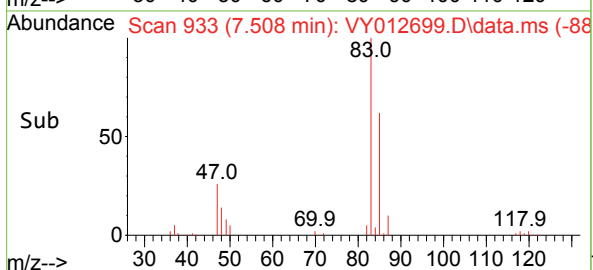
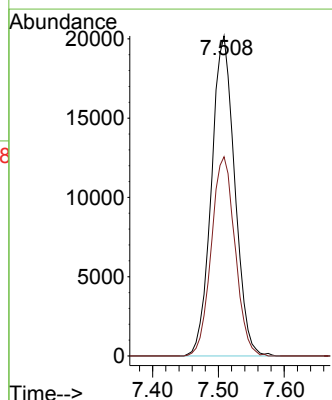
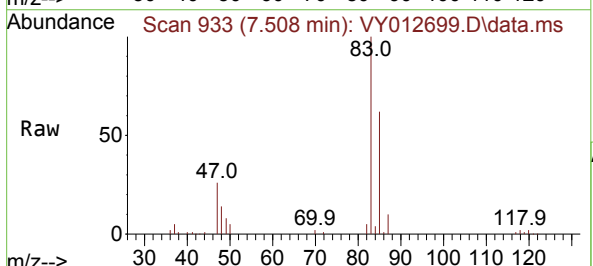
Acq: 23 Feb 2023 11:32

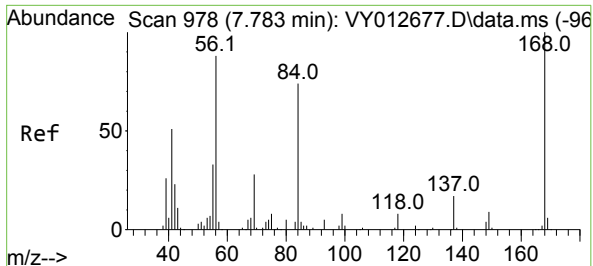
Tgt Ion: 83 Resp: 49751

Ion Ratio Lower Upper

83 100

85 62.2 48.9 73.3





#31

Cyclohexane

Concen: 19.645 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

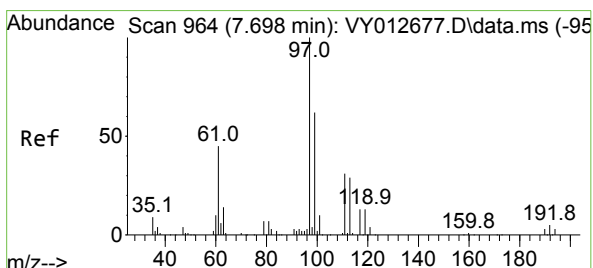
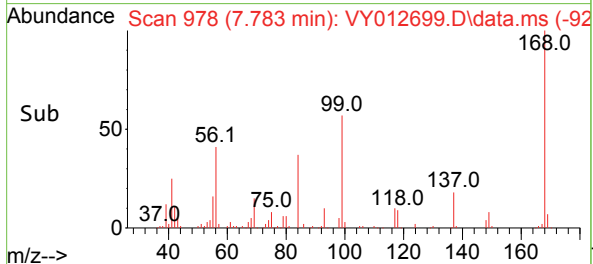
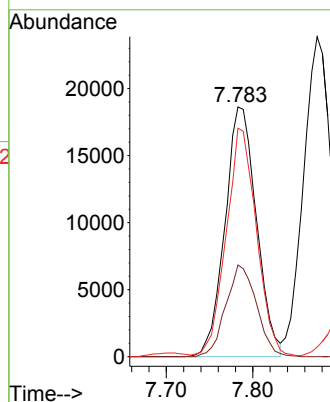
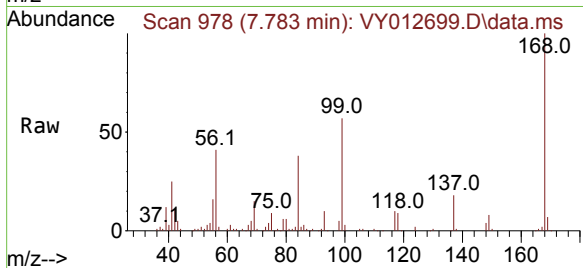
Tgt Ion: 56 Resp: 47072

Ion Ratio Lower Upper

56 100

69 36.7 25.4 38.2

84 90.3 67.3 100.9



#32

1,1,1-Trichloroethane

Concen: 20.135 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

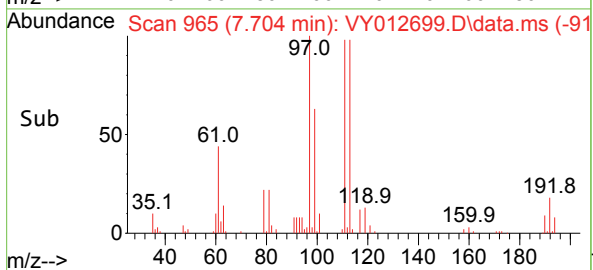
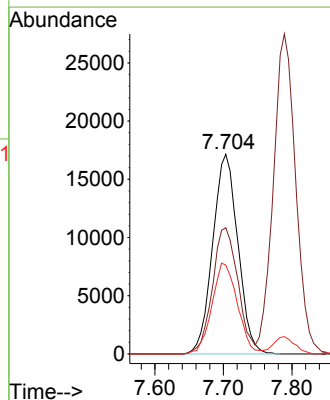
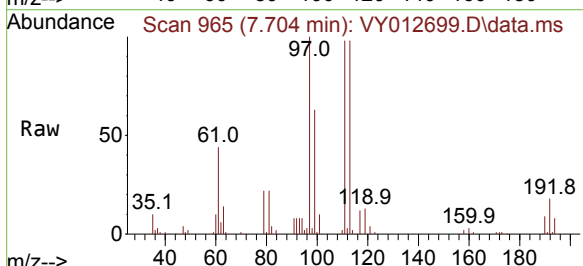
Tgt Ion: 97 Resp: 43754

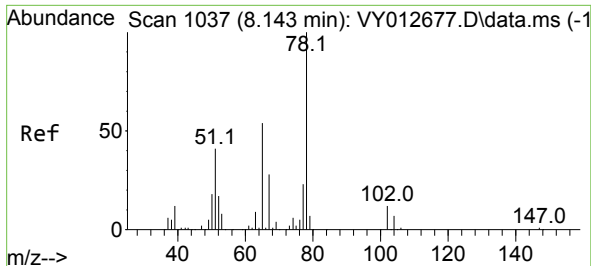
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 46.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 47.218 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

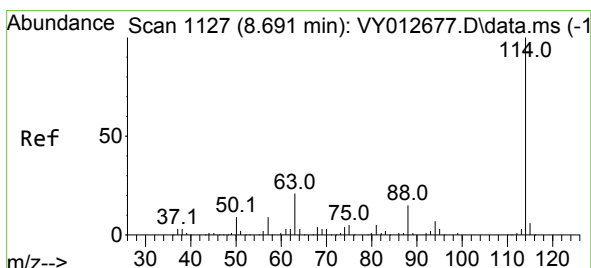
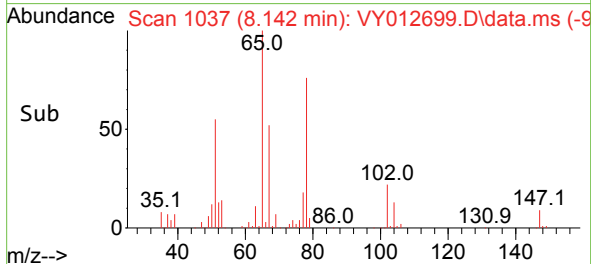
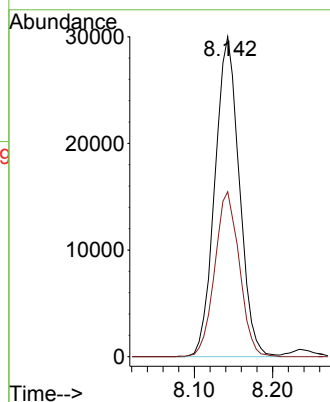
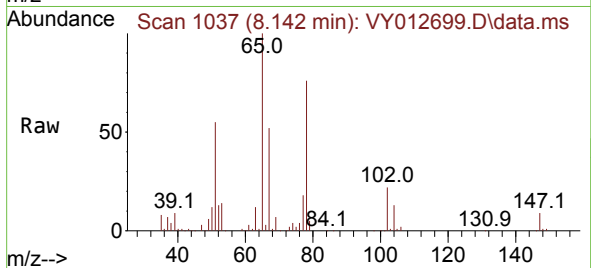
VY0223SBS01

Tgt Ion: 65 Resp: 65122

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

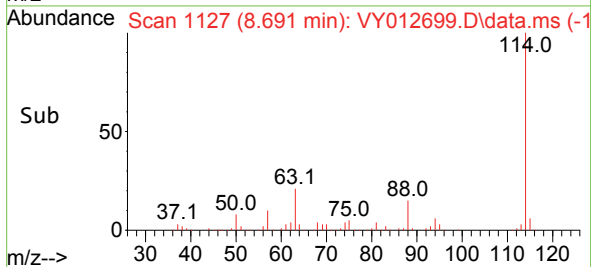
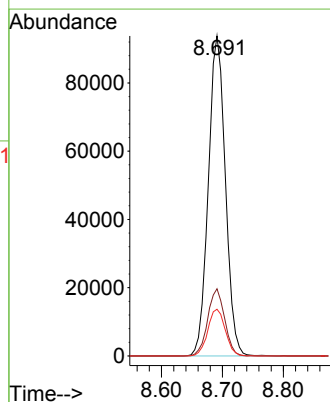
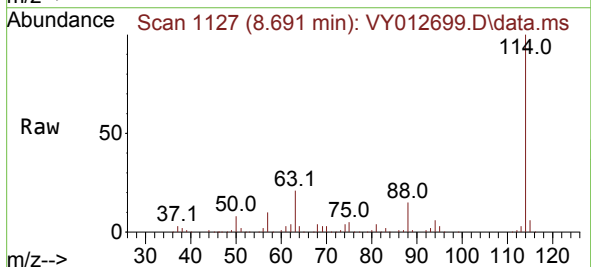
Tgt Ion: 114 Resp: 182196

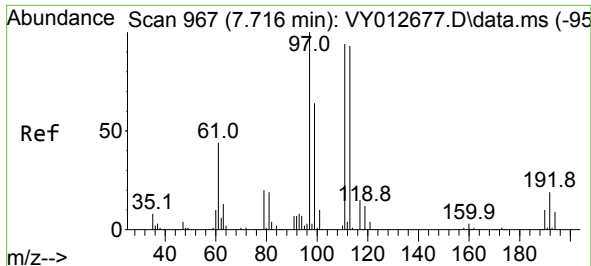
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 14.6 0.0 29.6

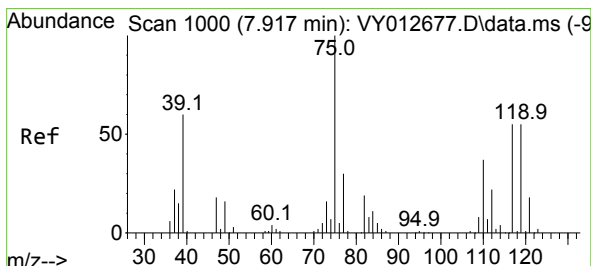
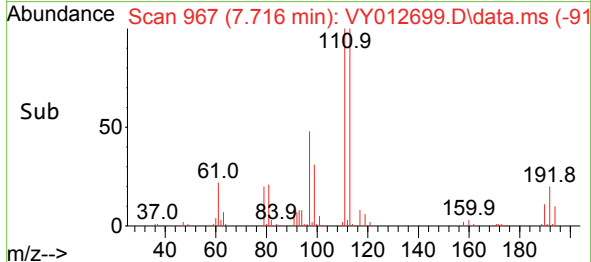
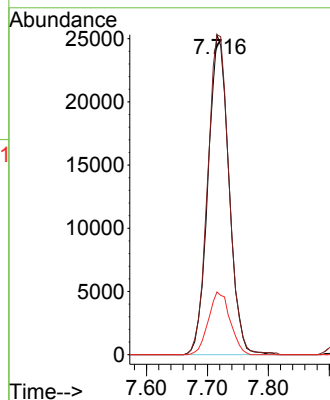
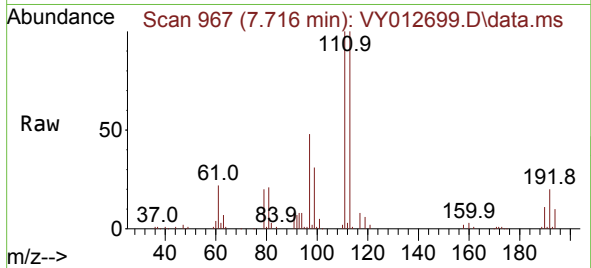




#35
Dibromofluoromethane
Concen: 48.874 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

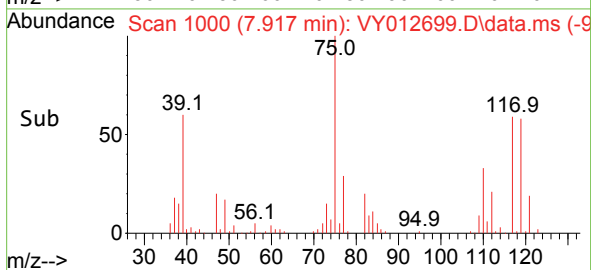
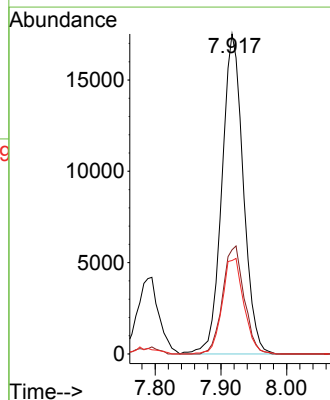
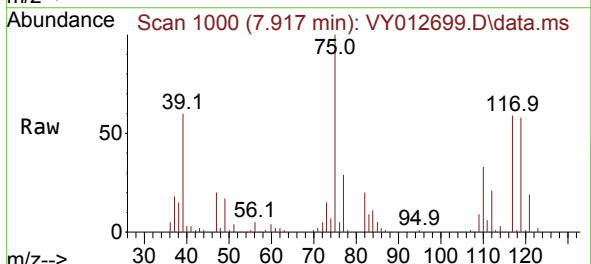
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

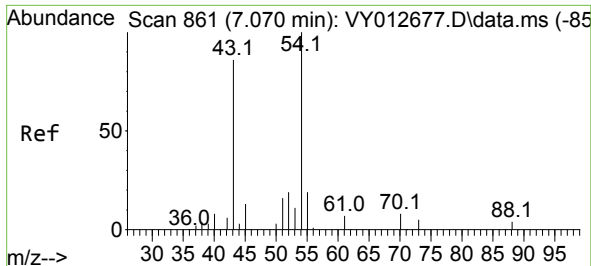
Tgt Ion:113 Resp: 60145
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 20.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 20.299 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 75 Resp: 39596
Ion Ratio Lower Upper
75 100
110 33.9 17.6 52.8
77 30.4 24.6 37.0

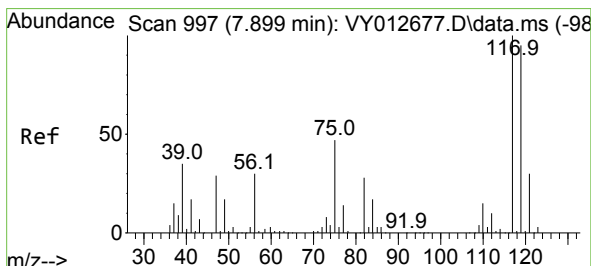
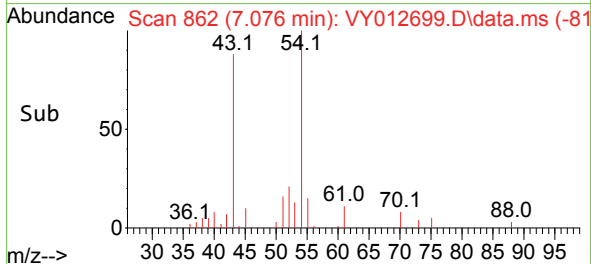
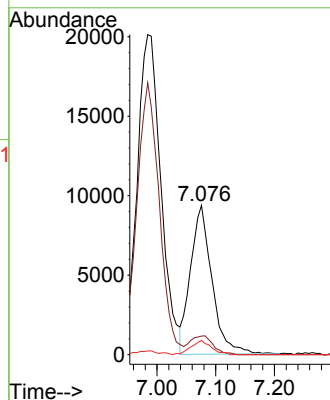
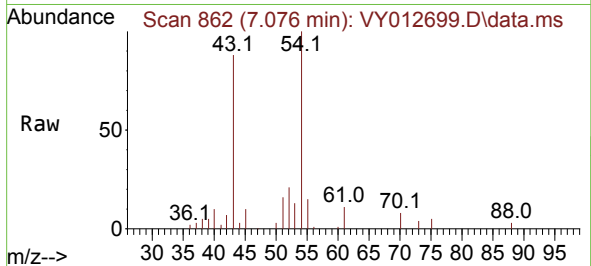




#37
Ethyl Acetate
Concen: 18.065 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

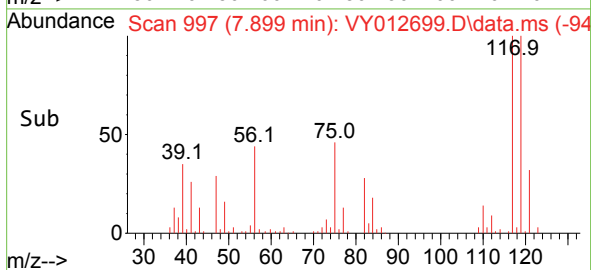
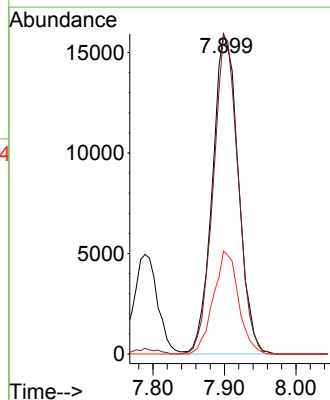
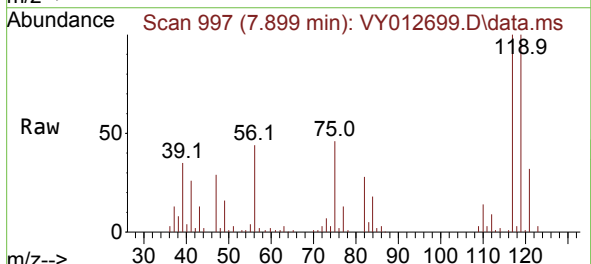
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

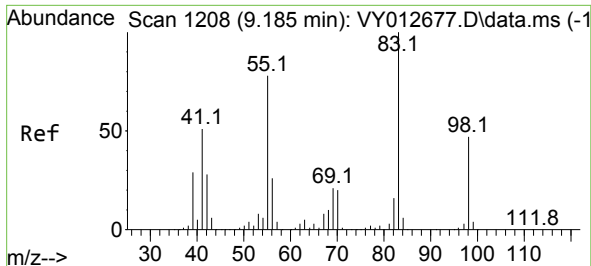
Tgt Ion: 43 Resp: 23778
Ion Ratio Lower Upper
43 100
61 13.6 9.9 14.9
70 8.9 6.4 9.6



#38
Carbon Tetrachloride
Concen: 19.877 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 117 Resp: 40090
Ion Ratio Lower Upper
117 100
119 99.5 75.5 113.3
121 32.1 23.8 35.8





#39

Methylcyclohexane

Concen: 20.450 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBSD01

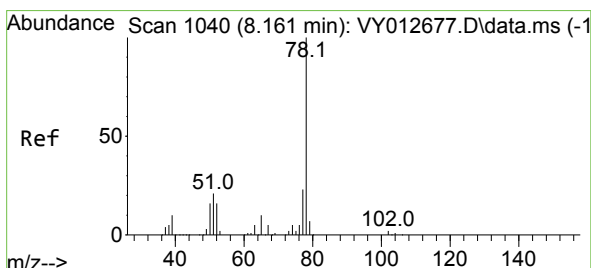
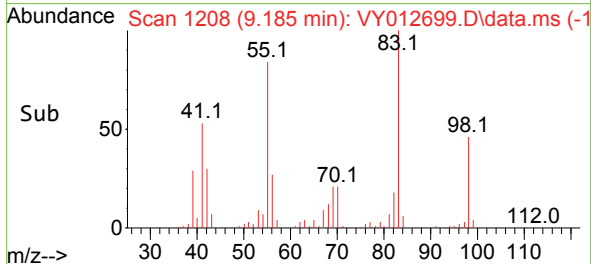
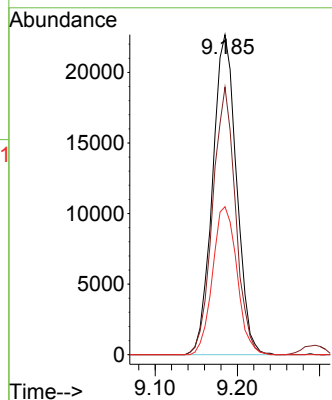
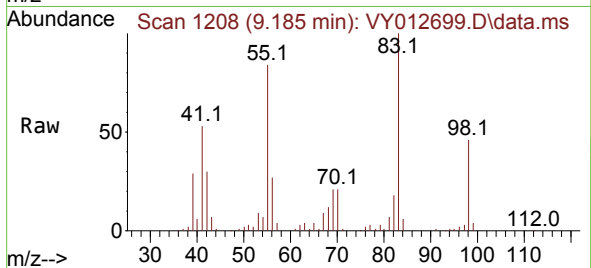
Tgt Ion: 83 Resp: 46016

Ion Ratio Lower Upper

83 100

55 83.6 62.5 93.7

98 46.3 37.8 56.6



#40

Benzene

Concen: 20.659 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012699.D

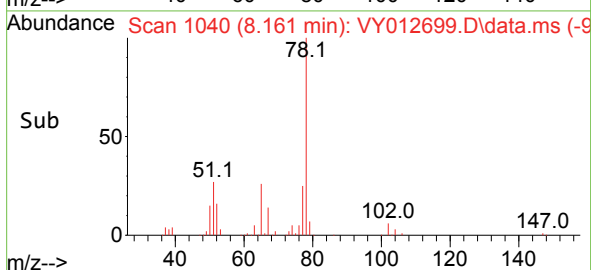
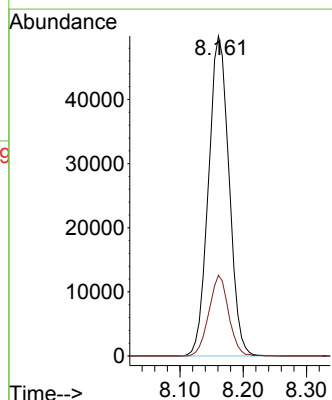
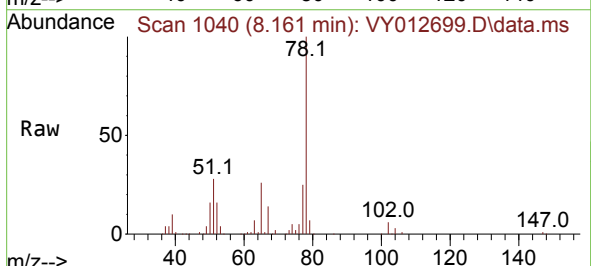
Acq: 23 Feb 2023 11:32

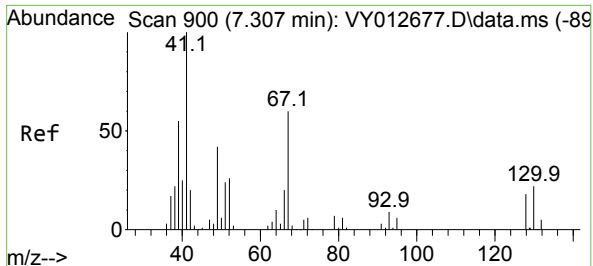
Tgt Ion: 78 Resp: 112489

Ion Ratio Lower Upper

78 100

77 25.2 18.5 27.7

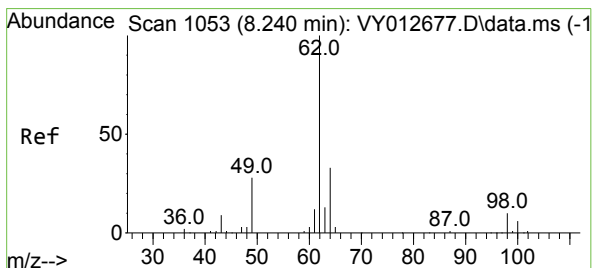
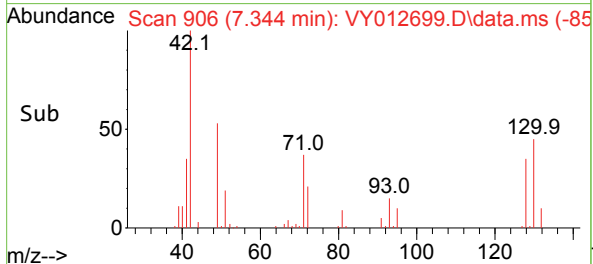
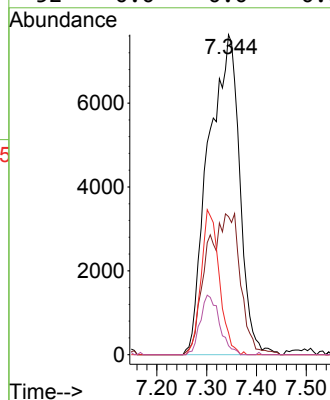
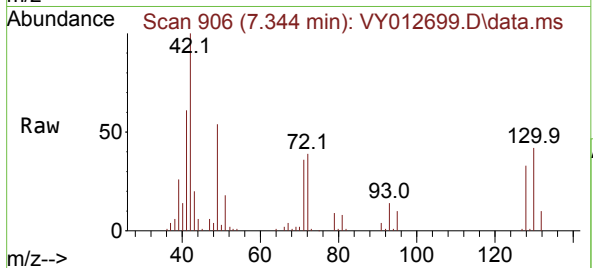




#41
Methacrylonitrile
Concen: 51.677 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

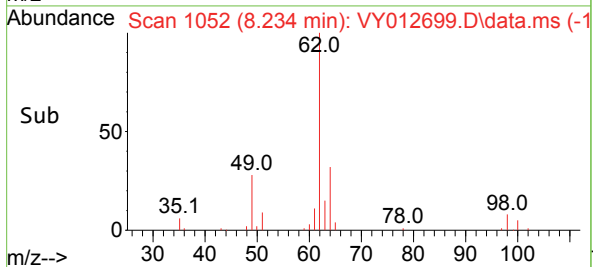
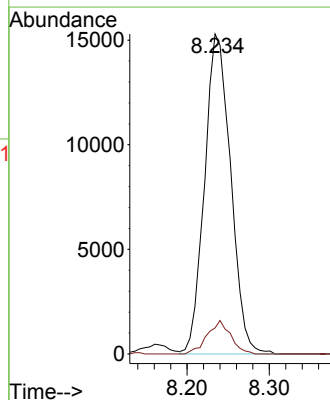
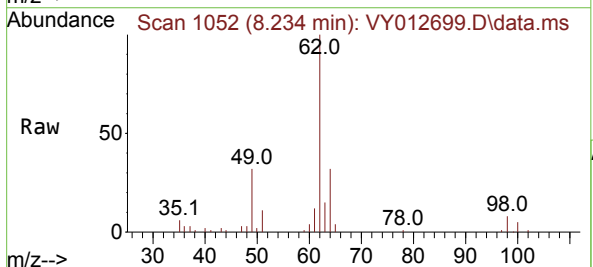
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

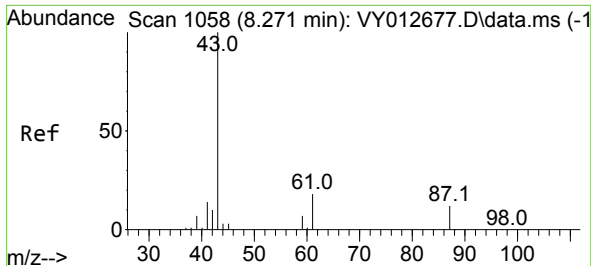
Tgt Ion:	41	Resp:	33128
Ion	Ratio	Lower	Upper
41	100		
39	29.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.987 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:	62	Resp:	33746
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

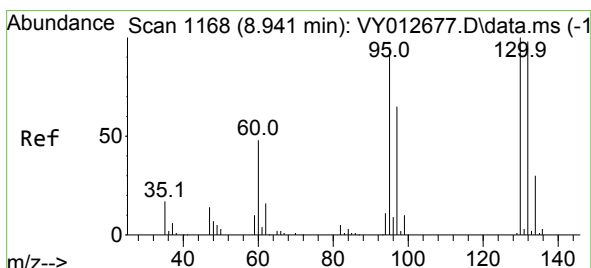
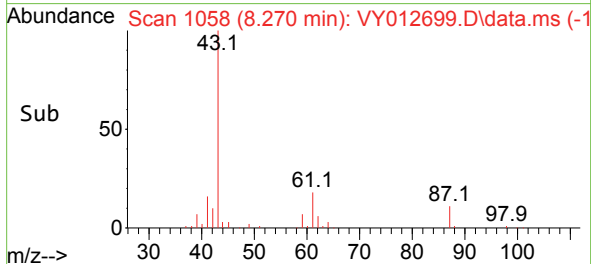
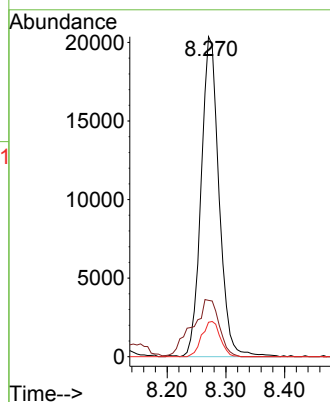
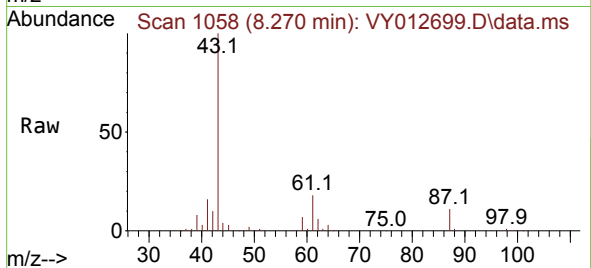




#43
Isopropyl Acetate
Concen: 18.919 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

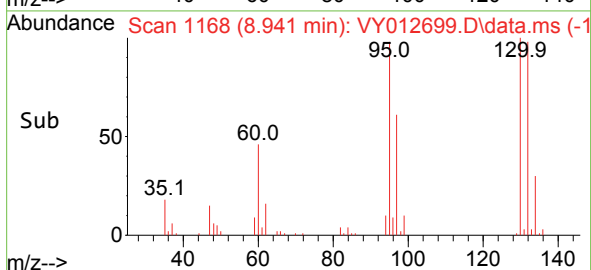
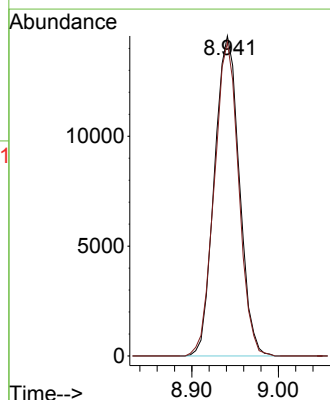
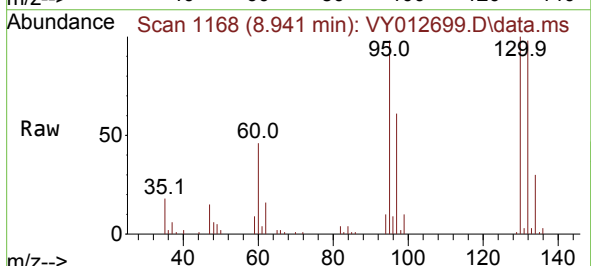
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

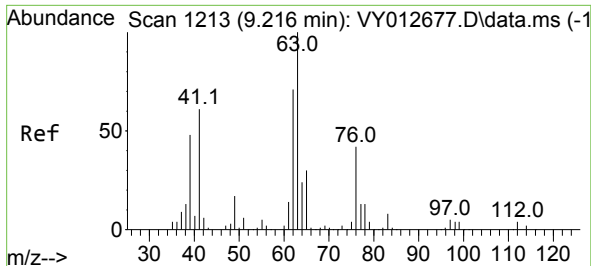
Tgt Ion: 43 Resp: 43031
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 11.3 9.2 13.8



#44
Trichloroethene
Concen: 20.614 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:130 Resp: 29020
Ion Ratio Lower Upper
130 100
95 98.1 0.0 190.6

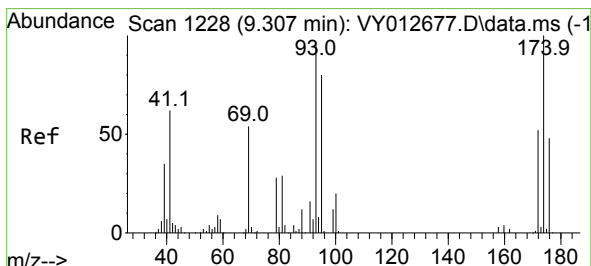
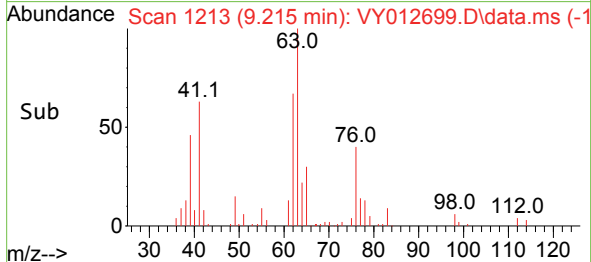
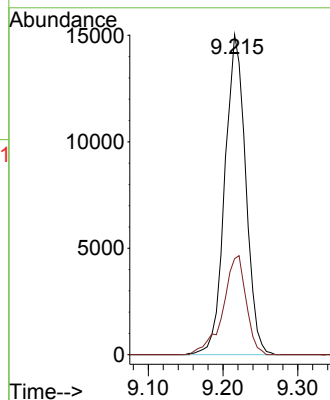
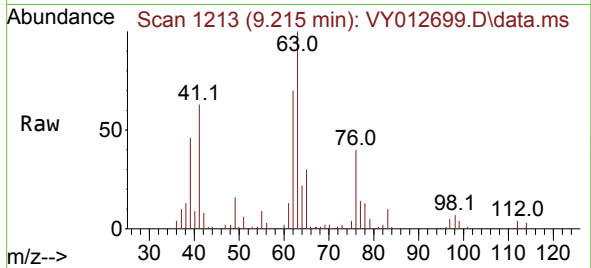




#45
1,2-Dichloropropane
Concen: 20.821 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

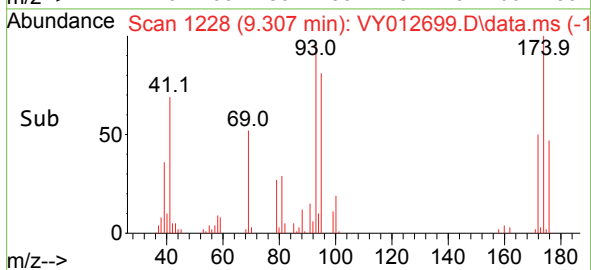
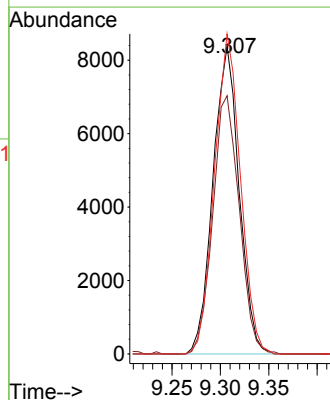
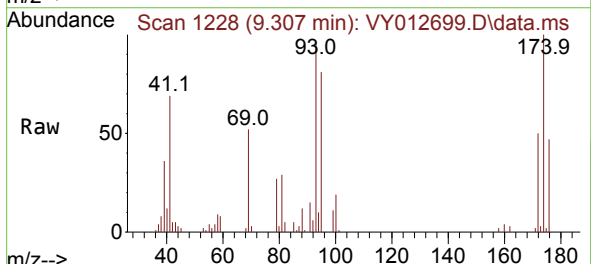
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

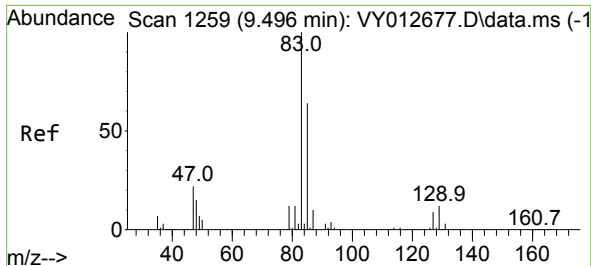
Tgt Ion: 63 Resp: 29161
Ion Ratio Lower Upper
63 100
65 30.0 23.9 35.9



#46
Dibromomethane
Concen: 20.357 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 93 Resp: 15739
Ion Ratio Lower Upper
93 100
95 85.1 66.6 99.8
174 103.4 79.8 119.6

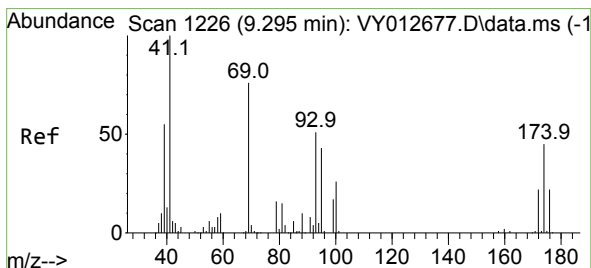
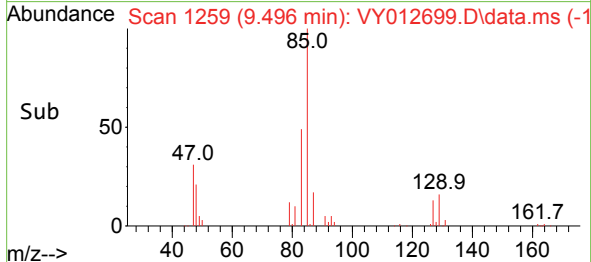
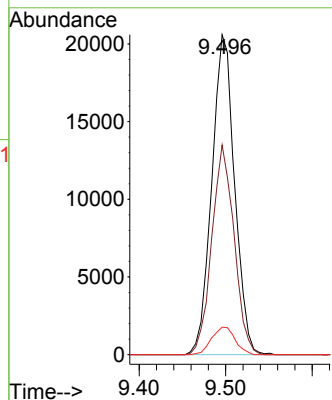
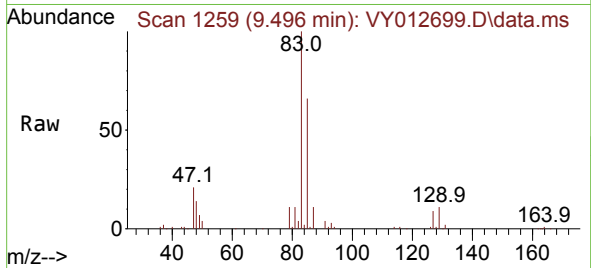




#47
Bromodichloromethane
Concen: 20.219 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

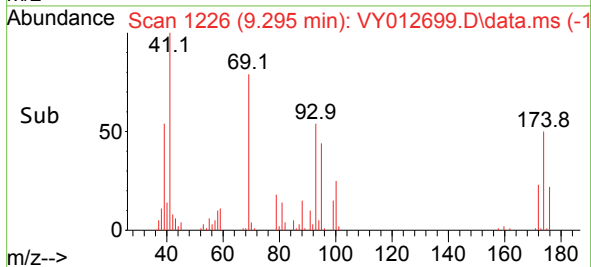
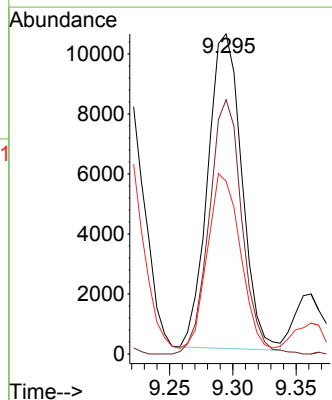
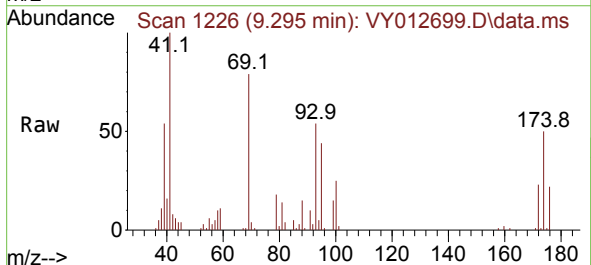
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

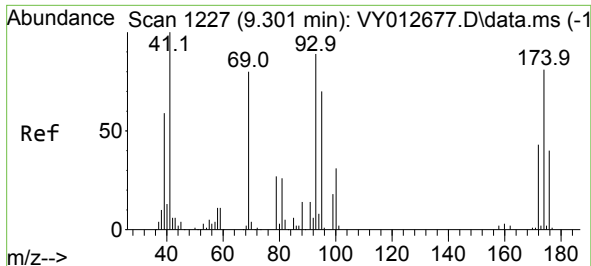
Tgt Ion: 83 Resp: 37633
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 18.479 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 41 Resp: 19613
Ion Ratio Lower Upper
41 100
69 77.7 62.6 93.8
39 53.5 45.1 67.7





#49

1,4-Dioxane

Concen: 359.724 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

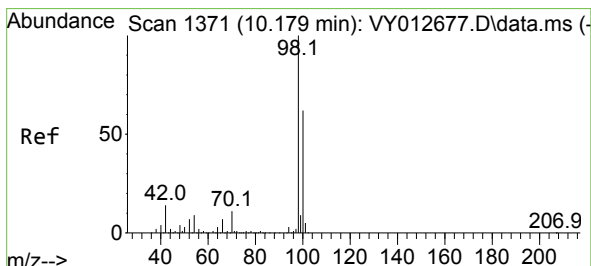
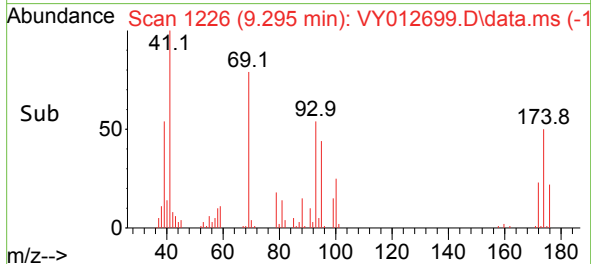
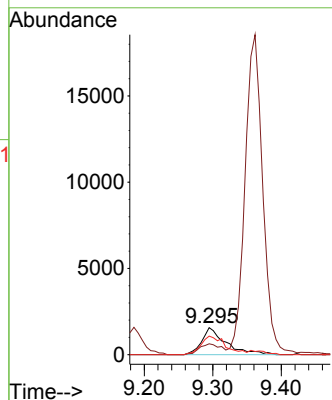
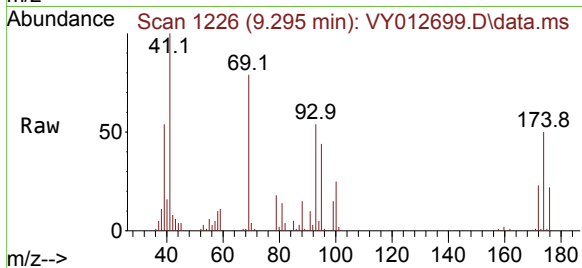
Tgt Ion: 88 Resp: 3850

Ion Ratio Lower Upper

88 100

43 35.8 23.1 34.7#

58 69.7 45.8 68.8#



#50

Toluene-d8

Concen: 49.265 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012699.D

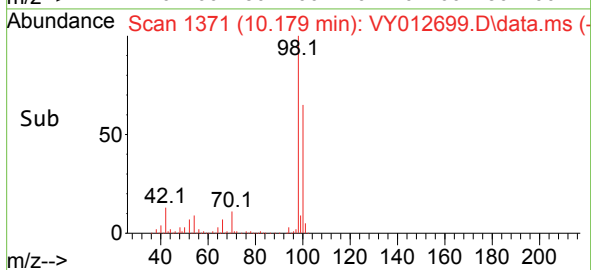
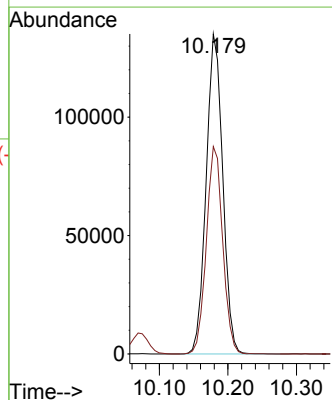
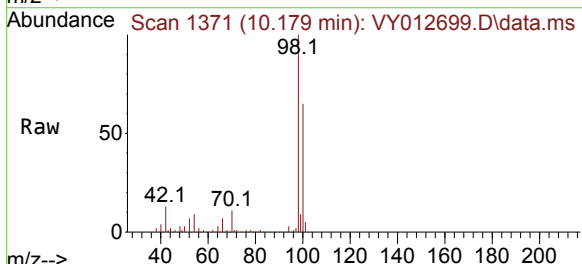
Acq: 23 Feb 2023 11:32

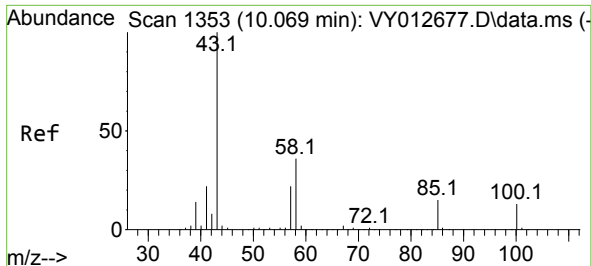
Tgt Ion: 98 Resp: 227132

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8

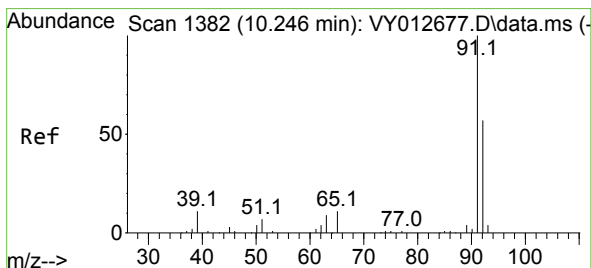
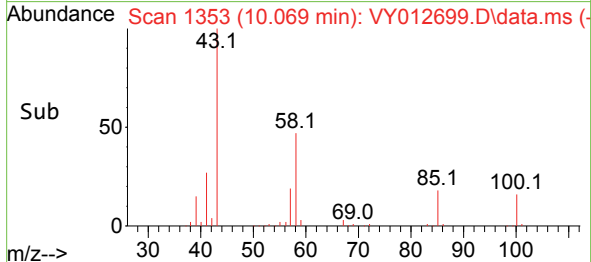
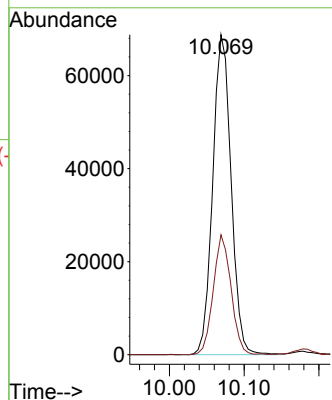
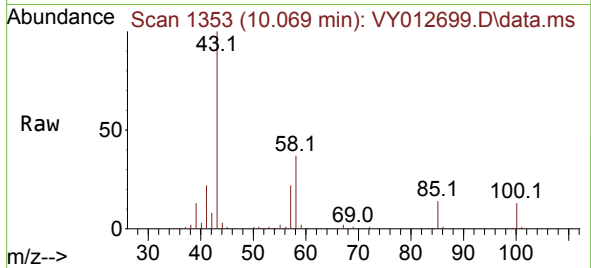




#51
4-Methyl-2-Pentanone
Concen: 95.606 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

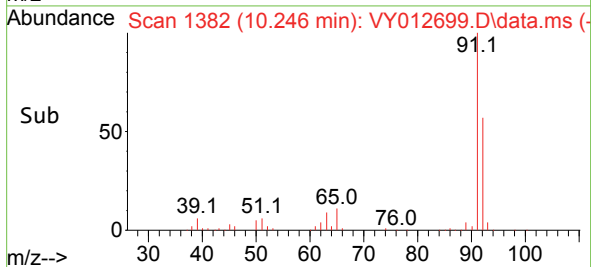
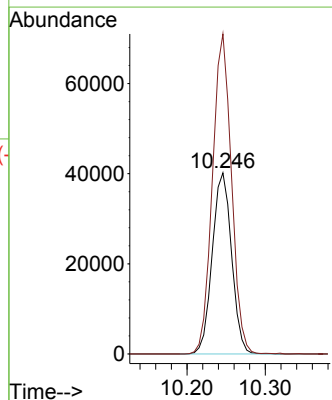
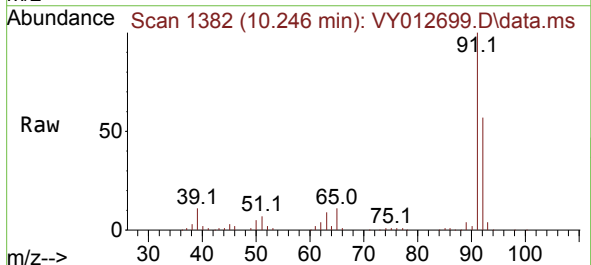
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

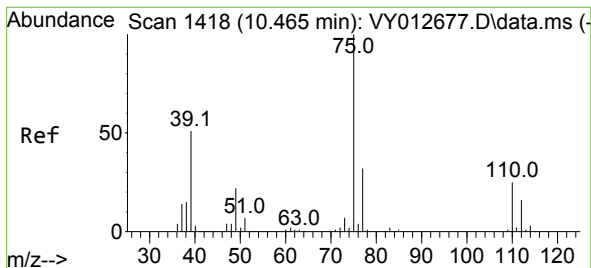
Tgt Ion: 43 Resp: 117300
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2



#52
Toluene
Concen: 21.314 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 92 Resp: 68761
Ion Ratio Lower Upper
92 100
91 174.2 139.5 209.3

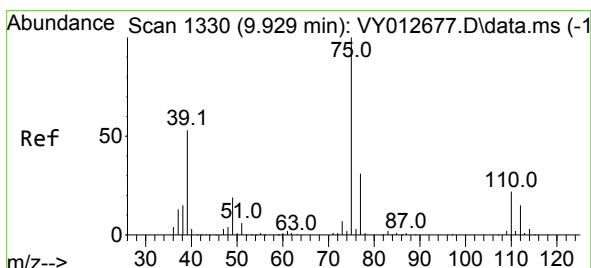
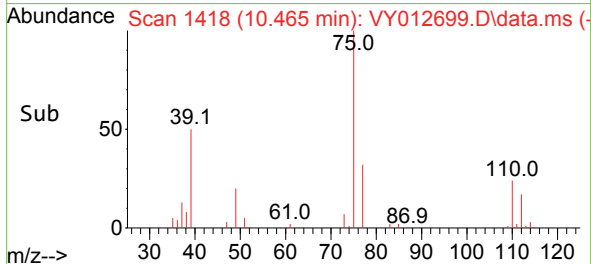
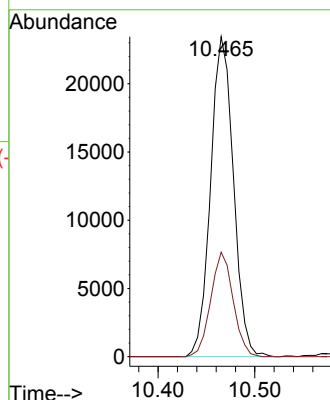
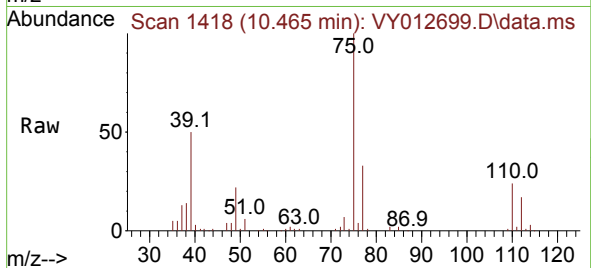




#53
t-1,3-Dichloropropene
Concen: 19.755 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

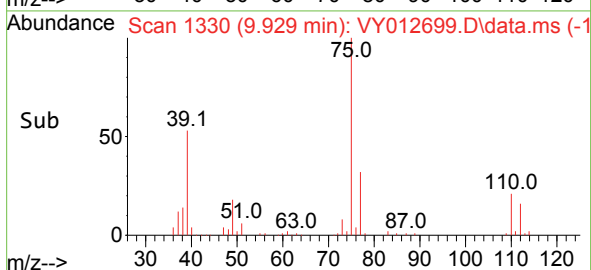
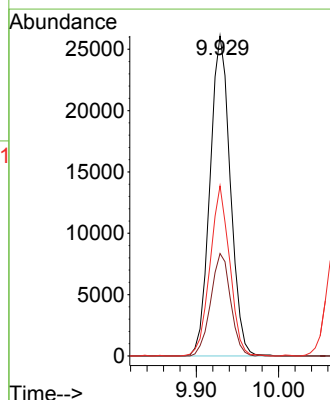
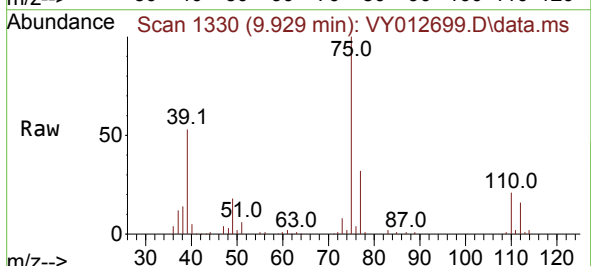
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

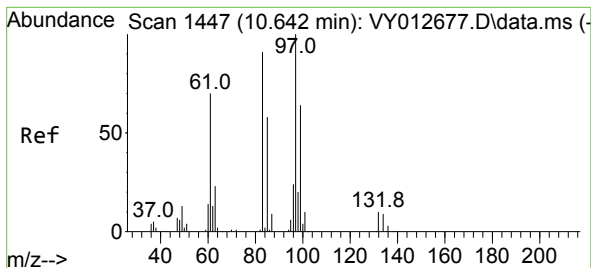
Tgt Ion: 75 Resp: 38423
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.329 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 75 Resp: 44741
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 53.1 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 20.509 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

Tgt Ion: 97 Resp: 21537

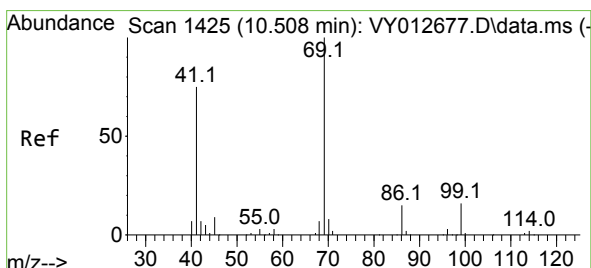
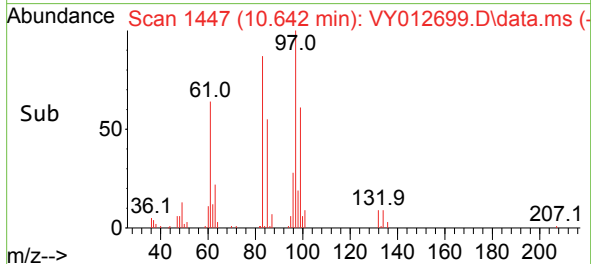
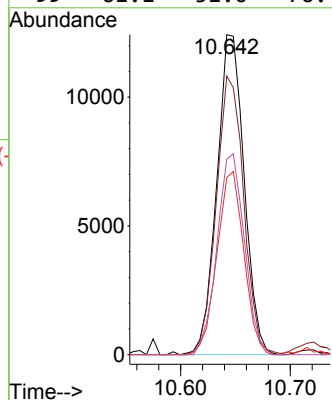
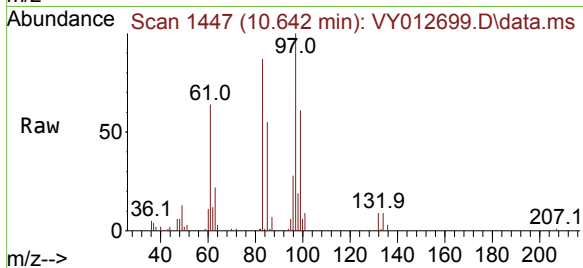
Ion Ratio Lower Upper

97 100

83 87.1 73.1 109.7

85 55.3 46.1 69.1

99 61.1 51.0 76.4



#56

Ethyl methacrylate

Concen: 19.808 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

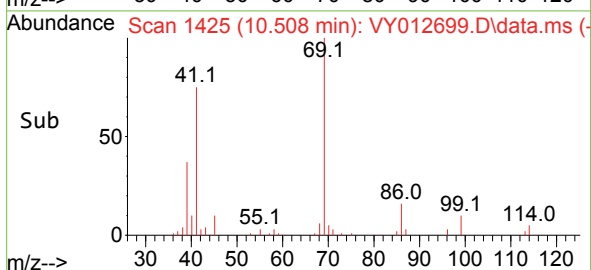
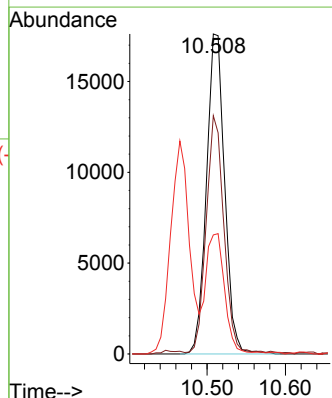
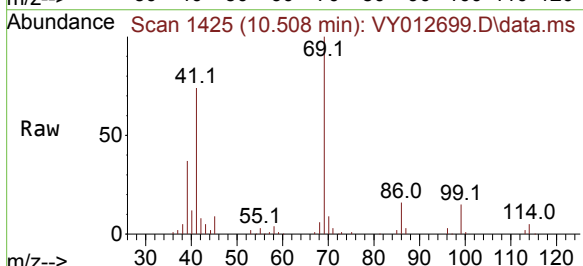
Tgt Ion: 69 Resp: 28407

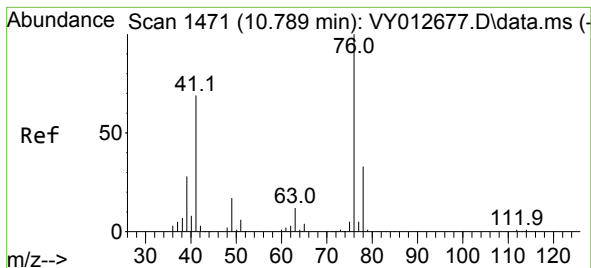
Ion Ratio Lower Upper

69 100

41 73.8 60.2 90.4

39 38.1 32.4 48.6





#57

1,3-Dichloropropane

Concen: 20.292 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.005 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

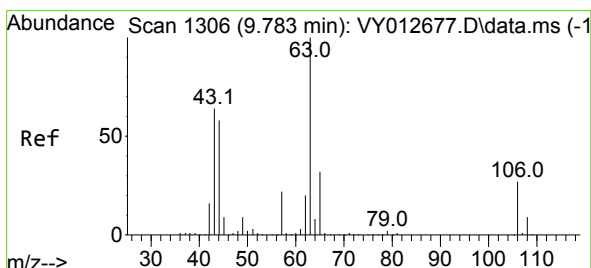
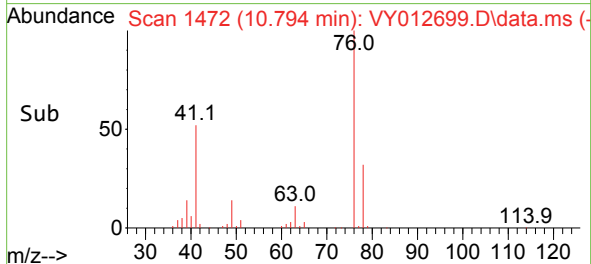
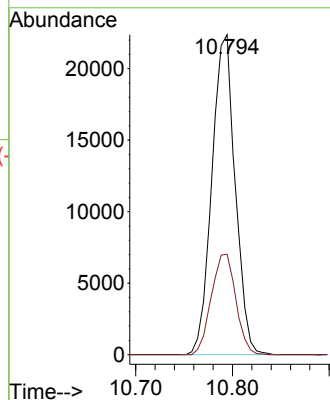
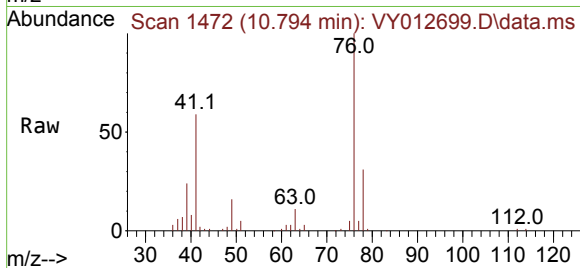
VY0223SBS01

Tgt Ion: 76 Resp: 37452

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 92.760 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012699.D

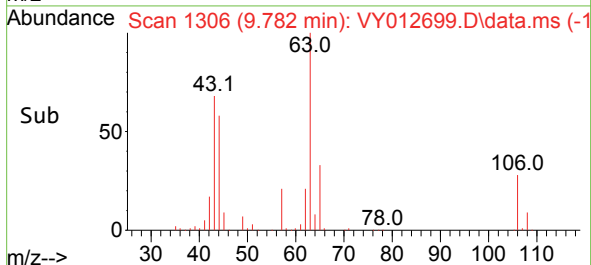
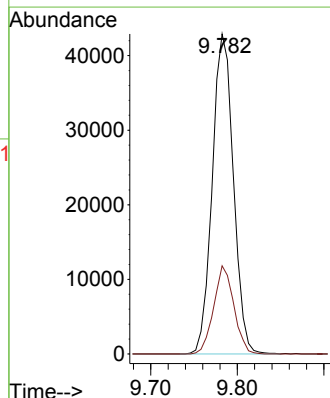
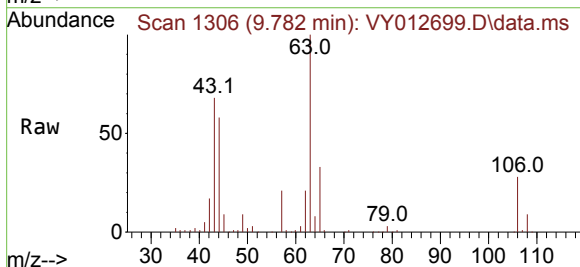
Acq: 23 Feb 2023 11:32

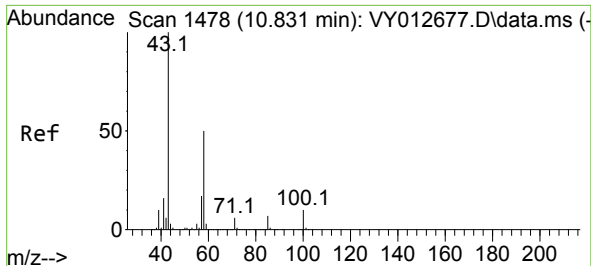
Tgt Ion: 63 Resp: 72650

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6





#59

2-Hexanone

Concen: 95.085 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

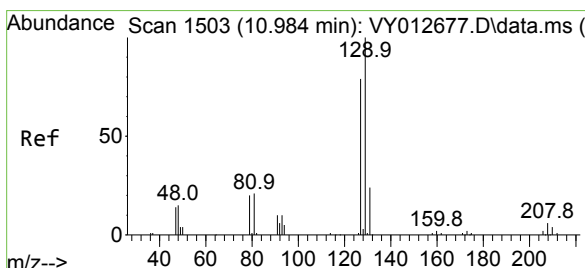
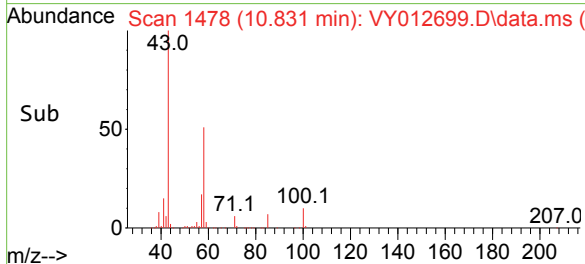
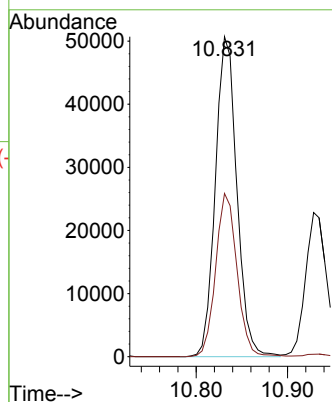
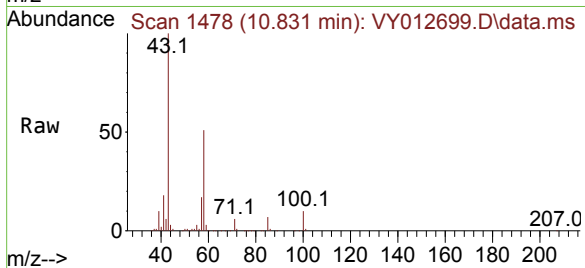
VY0223SBS01

Tgt Ion: 43 Resp: 82703

Ion Ratio Lower Upper

43 100

58 50.8 24.9 74.6



#60

Dibromochloromethane

Concen: 20.595 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.001 min

Lab File: VY012699.D

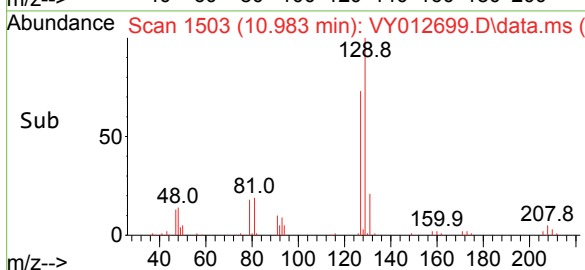
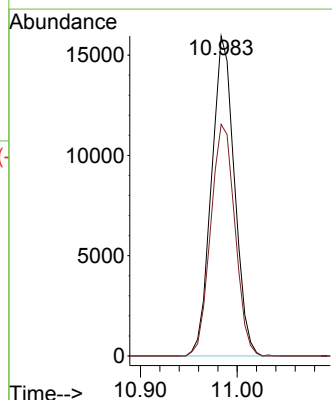
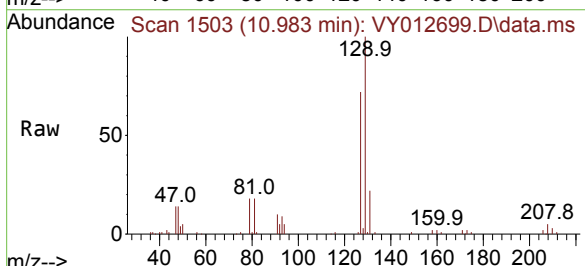
Acq: 23 Feb 2023 11:32

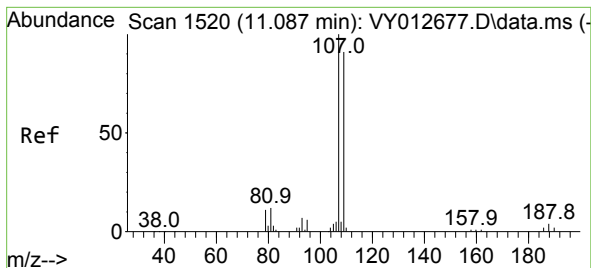
Tgt Ion: 129 Resp: 26202

Ion Ratio Lower Upper

129 100

127 76.5 39.1 117.3

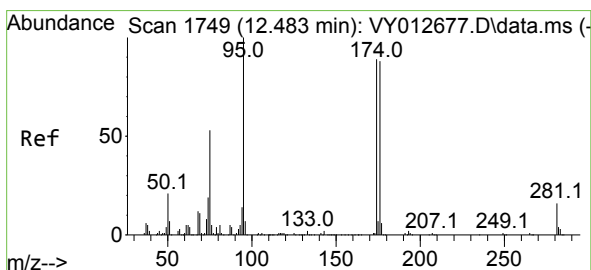
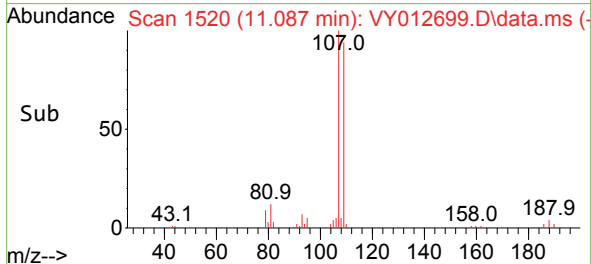
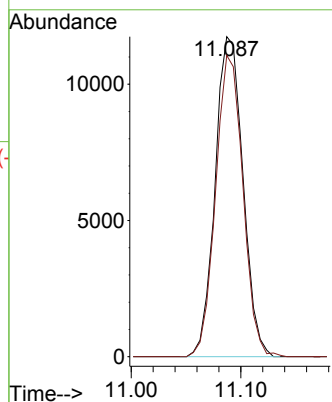
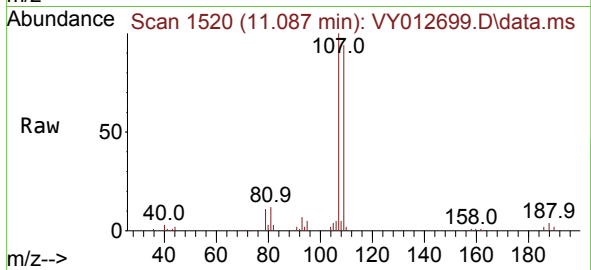




#61
1,2-Dibromoethane
Concen: 20.587 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

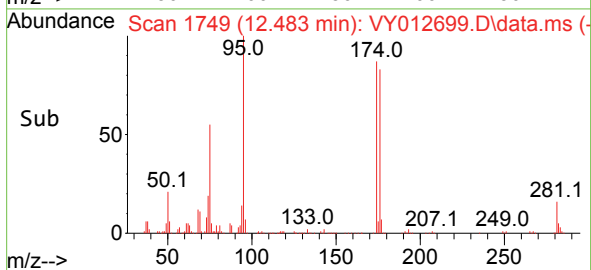
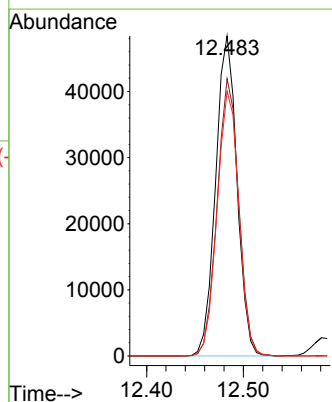
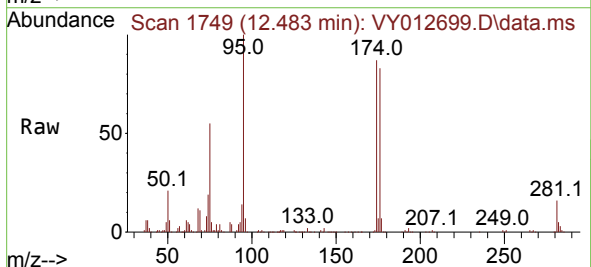
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

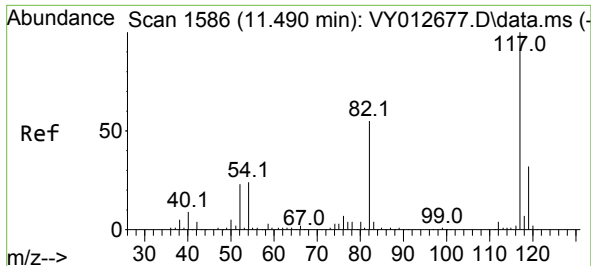
Tgt Ion:107 Resp: 20712
Ion Ratio Lower Upper
107 100
109 92.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 95 Resp: 74018
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.8
176 84.3 0.0 169.4

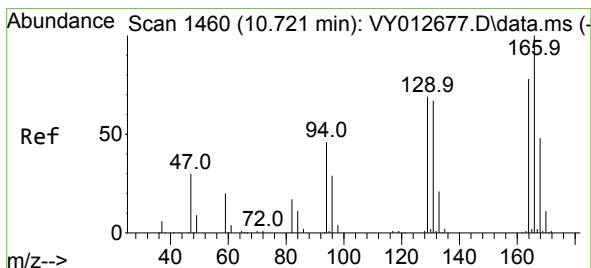
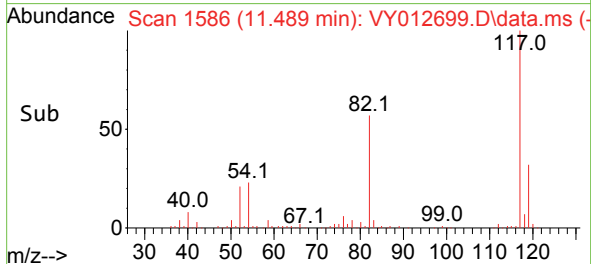
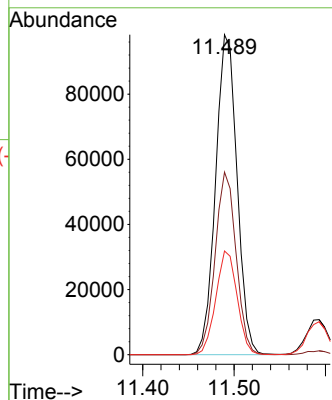
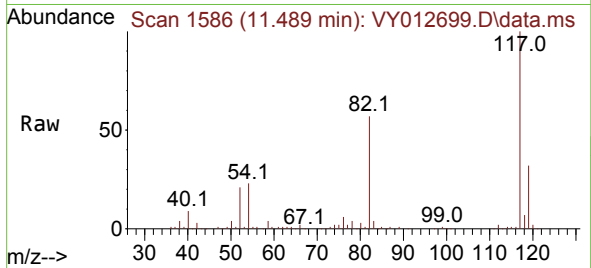




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

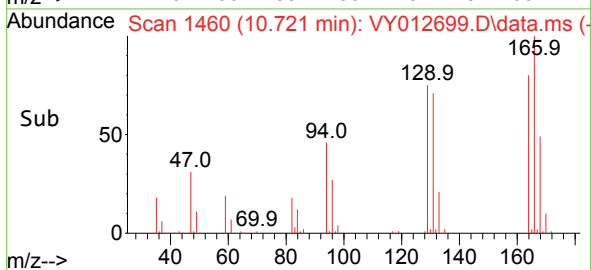
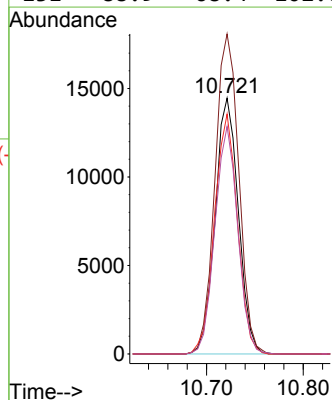
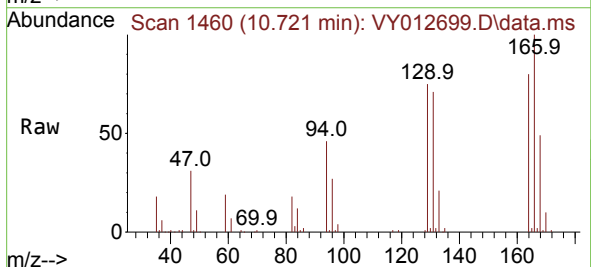
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

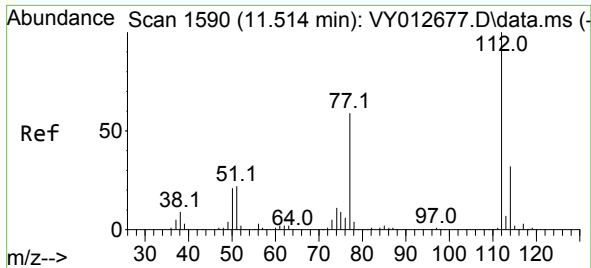
Tgt Ion:117 Resp: 160417
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 20.680 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:164 Resp: 24127
Ion Ratio Lower Upper
164 100
166 125.1 102.2 153.4
129 93.7 71.0 106.6
131 88.9 68.4 102.6

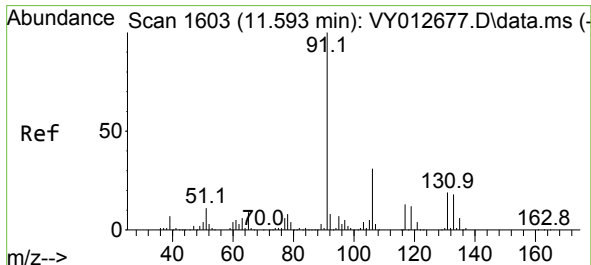
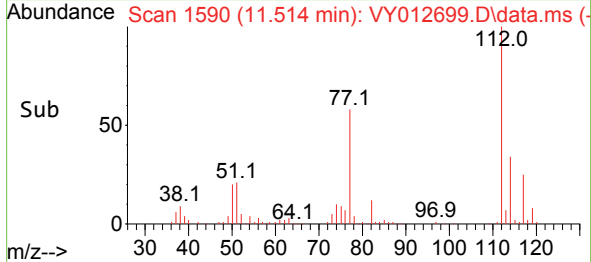
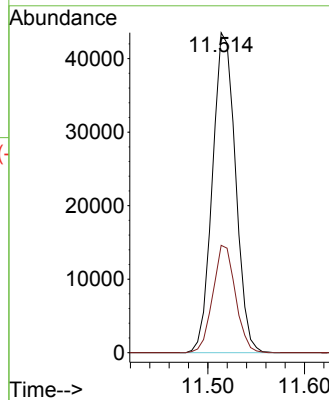
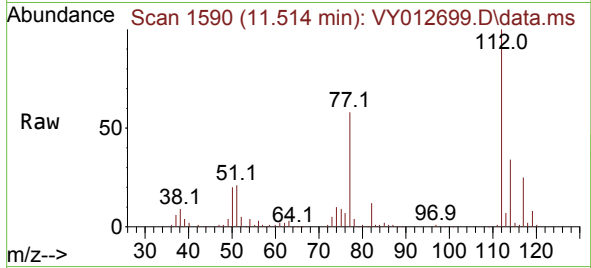




#65
Chlorobenzene
Concen: 20.949 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

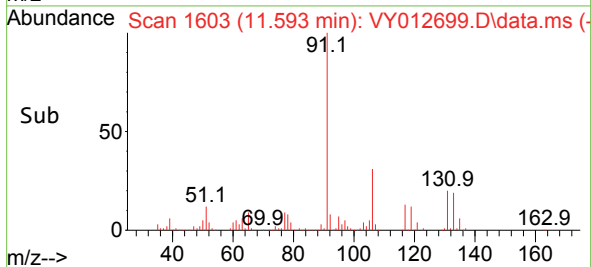
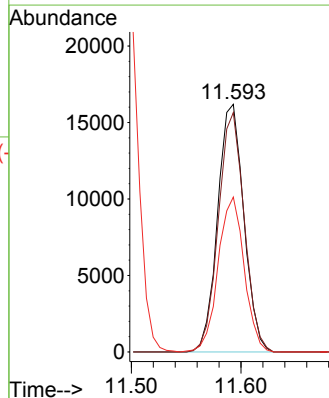
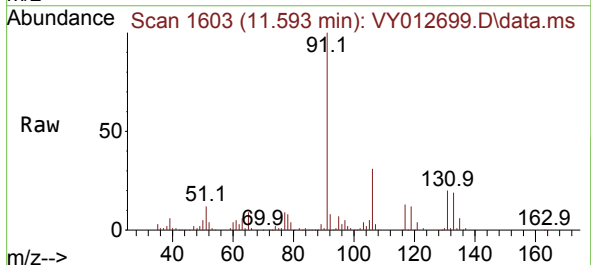
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

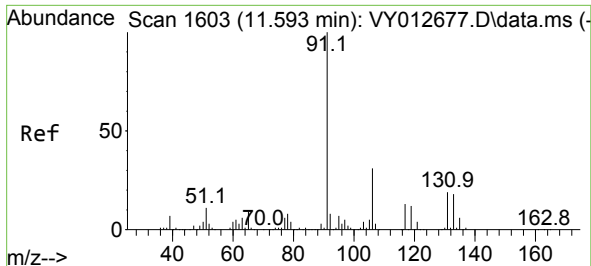
Tgt Ion:112 Resp: 72066
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.075 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:131 Resp: 26868
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.3
119 62.2 32.4 97.2

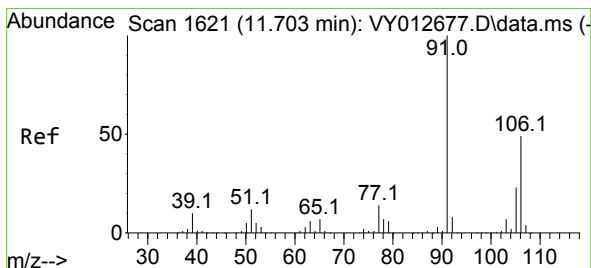
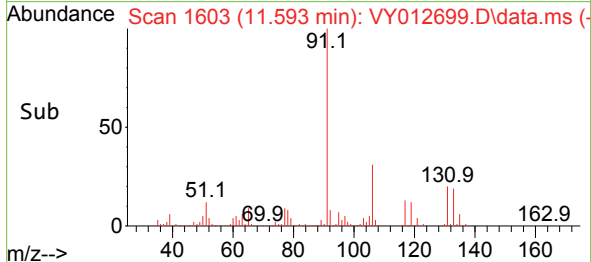
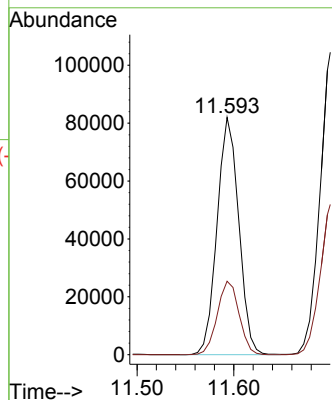
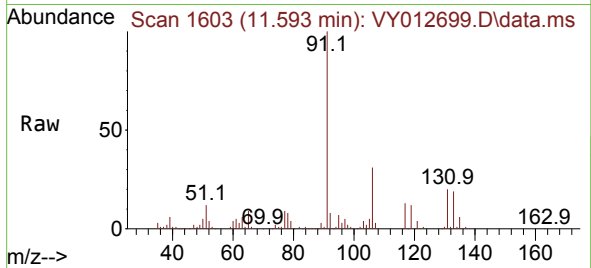




#67
Ethyl Benzene
Concen: 20.727 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

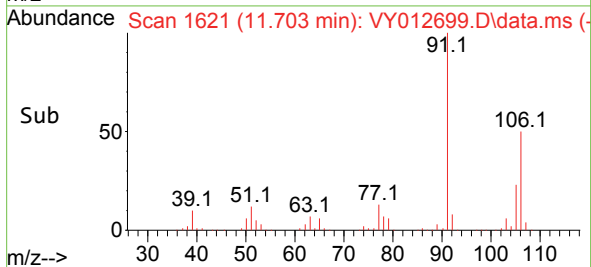
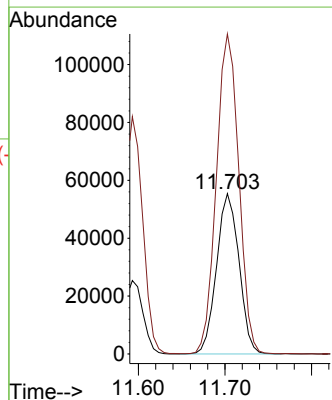
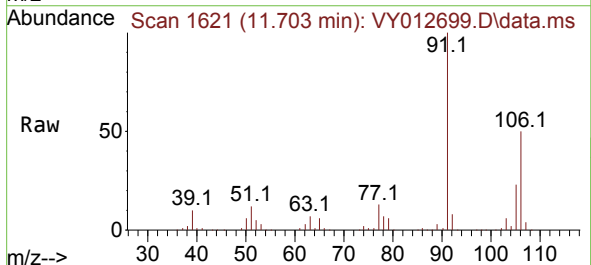
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

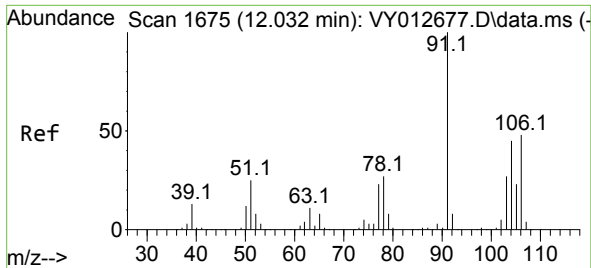
Tgt Ion: 91 Resp: 127449
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 42.526 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:106 Resp: 99751
Ion Ratio Lower Upper
106 100
91 199.2 163.2 244.8

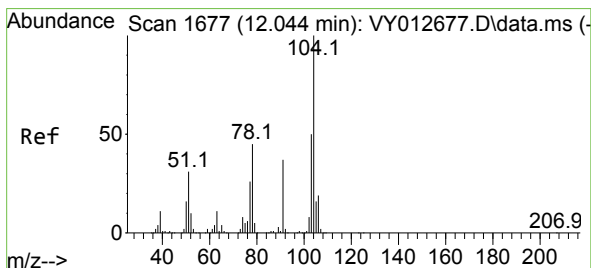
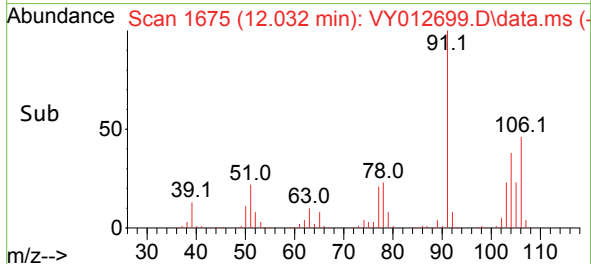
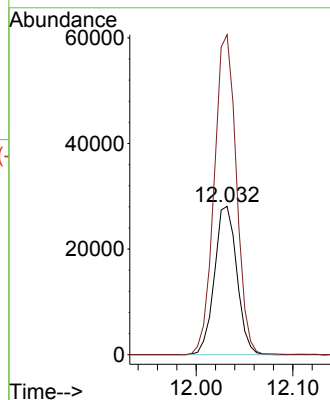
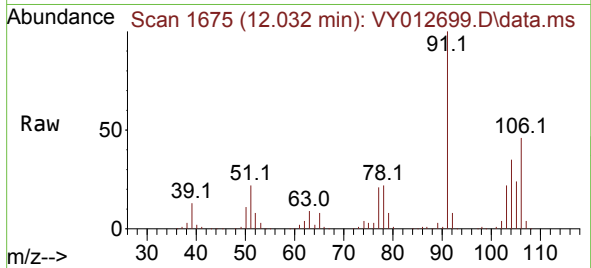




#69
o-Xylene
Concen: 20.767 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

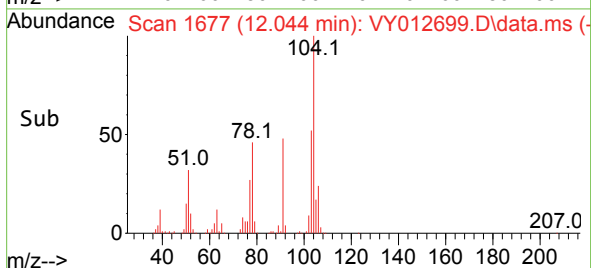
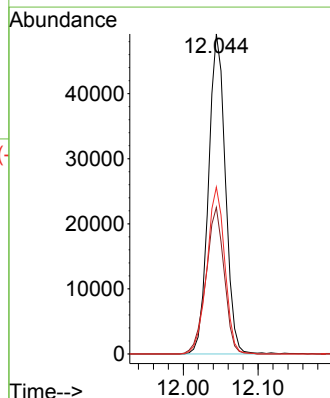
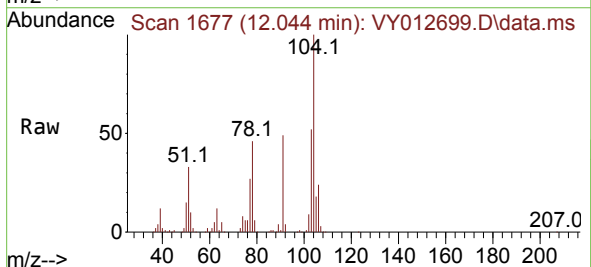
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

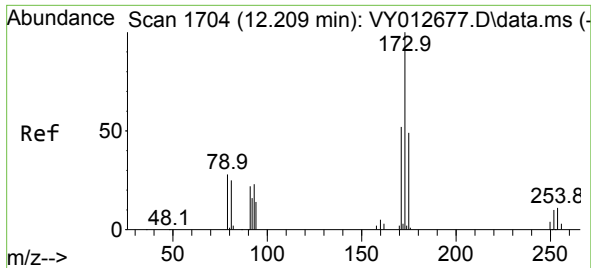
Tgt Ion:106 Resp: 45118
Ion Ratio Lower Upper
106 100
91 214.0 106.3 319.0



#70
Styrene
Concen: 21.207 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:104 Resp: 77222
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 55.0 44.1 66.1

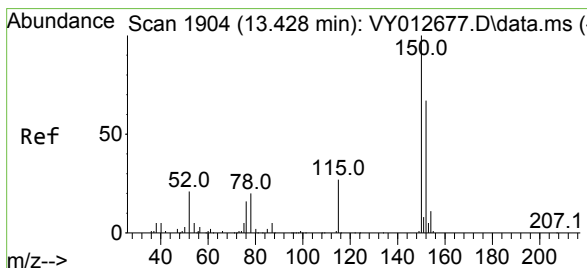
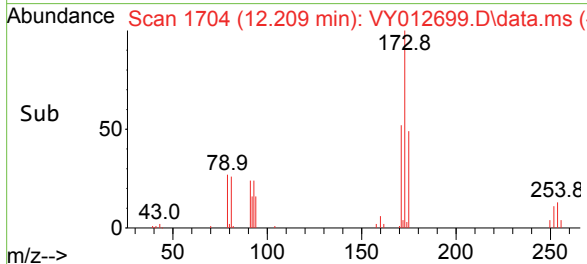
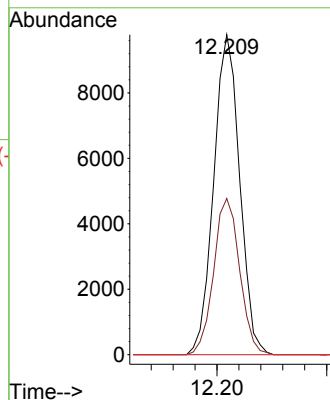
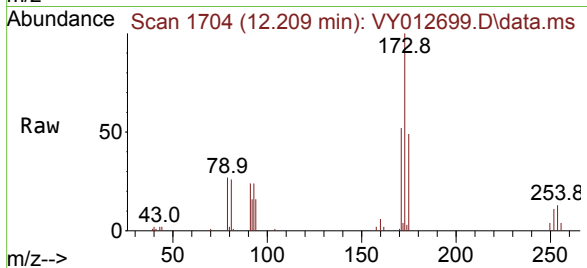




#71
Bromoform
Concen: 19.754 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

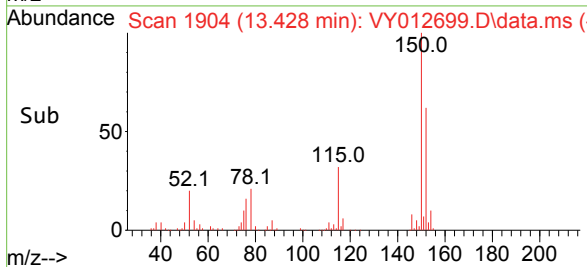
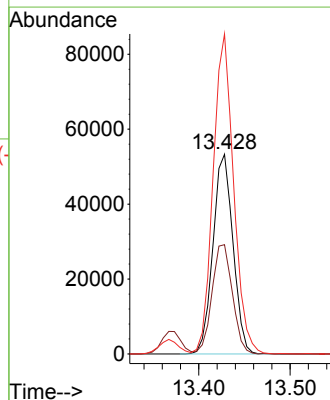
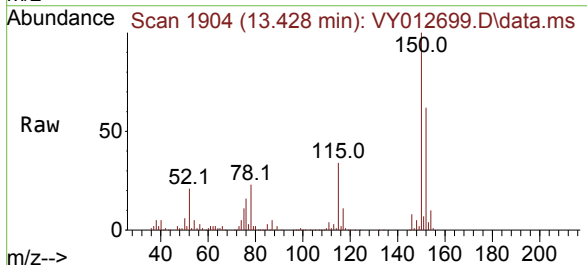
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

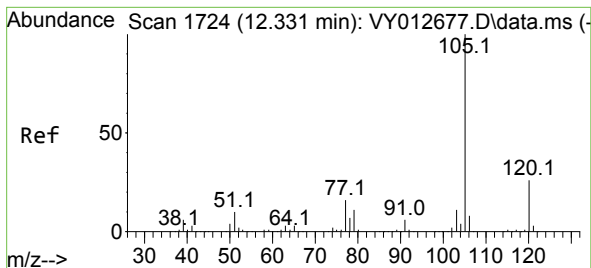
Tgt Ion:173 Resp: 16070
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:152 Resp: 81415
Ion Ratio Lower Upper
152 100
115 55.9 28.7 86.3
150 163.6 0.0 347.6





#73

Isopropylbenzene

Concen: 20.222 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

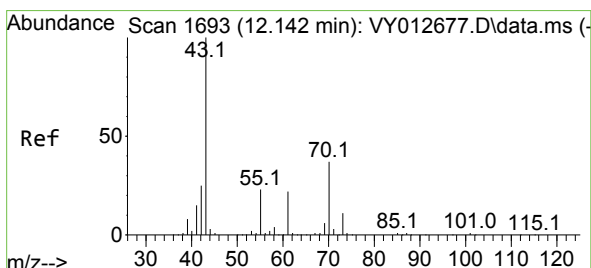
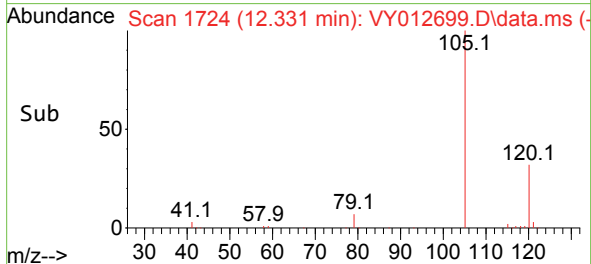
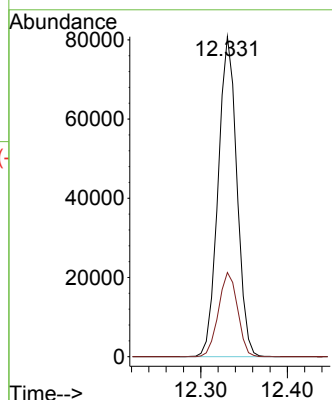
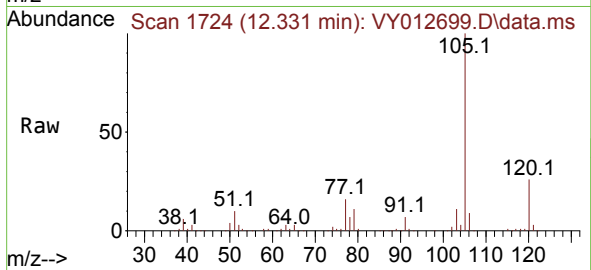
VY0223SBS01

Tgt Ion:105 Resp: 121664

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 18.525 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Tgt Ion: 43 Resp: 36639

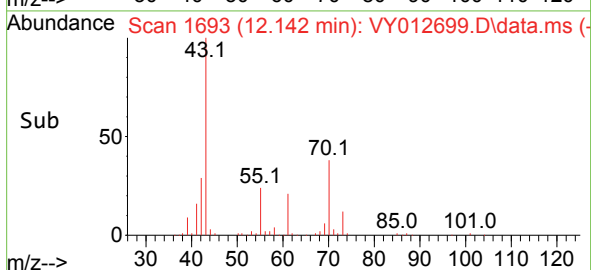
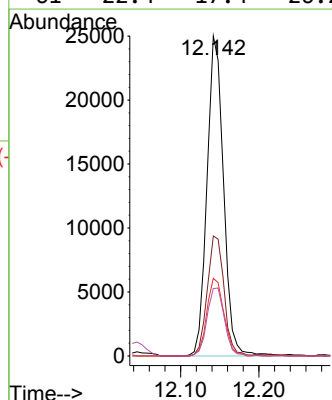
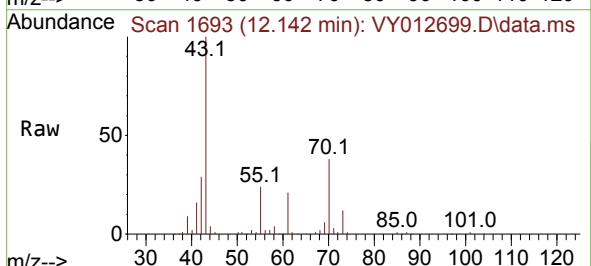
Ion Ratio Lower Upper

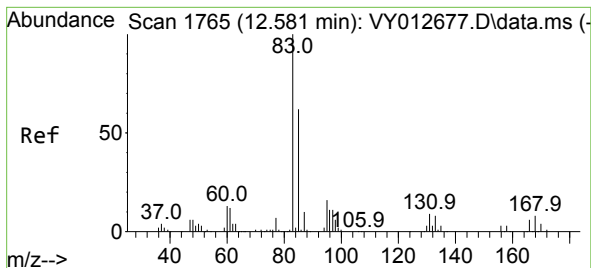
43 100

70 38.1 29.8 44.6

55 25.1 18.2 27.2

61 22.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.530 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

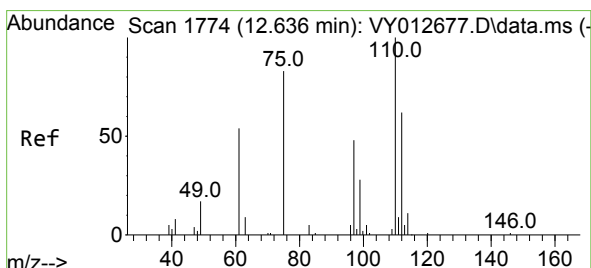
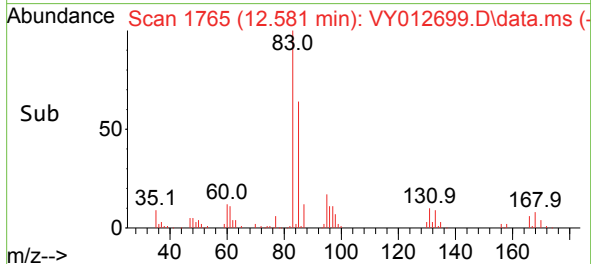
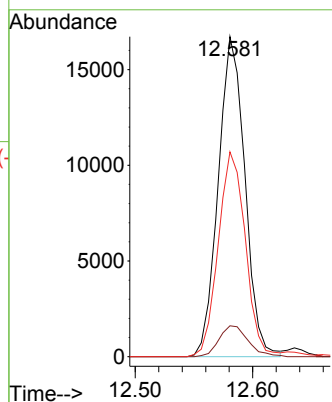
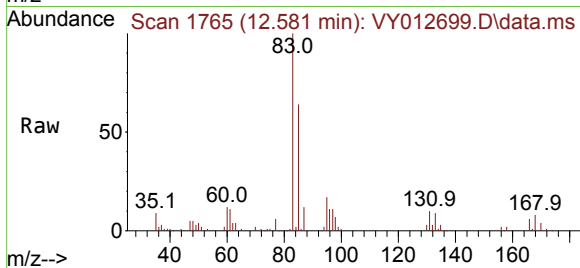
Tgt Ion: 83 Resp: 26420

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 65.0 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 33.816 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012699.D

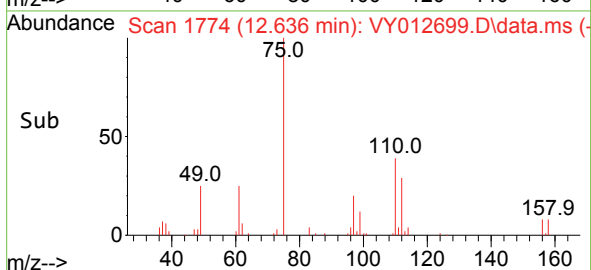
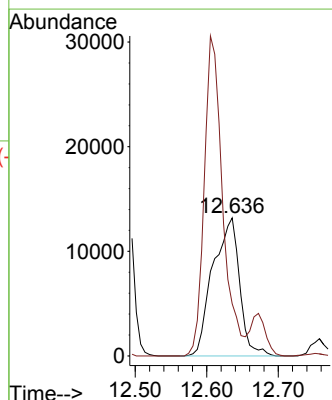
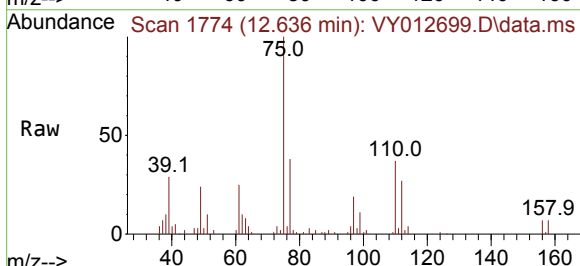
Acq: 23 Feb 2023 11:32

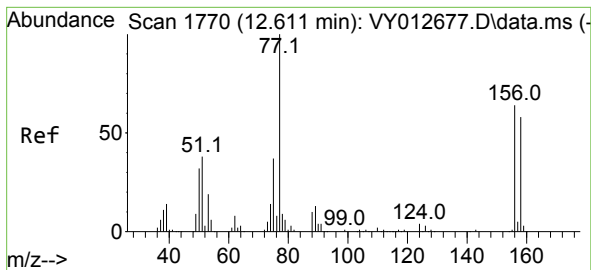
Tgt Ion: 75 Resp: 34322

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.094 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

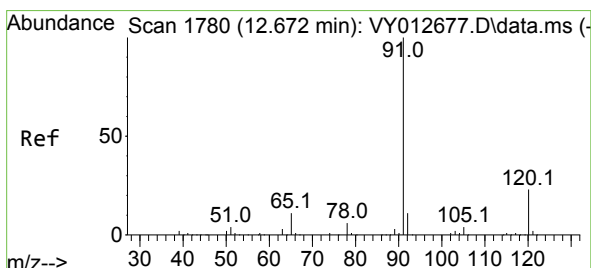
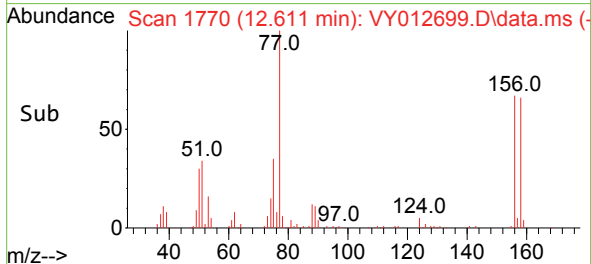
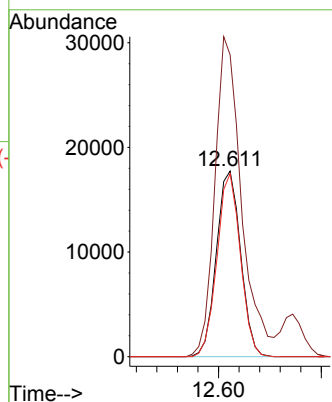
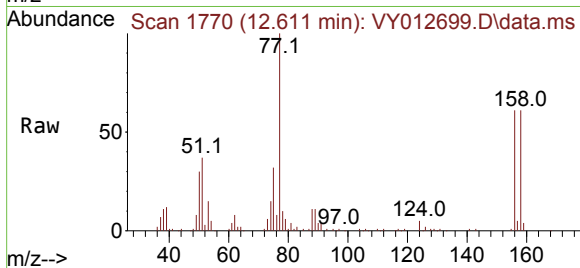
Tgt Ion:156 Resp: 28967

Ion Ratio Lower Upper

156 100

77 189.7 96.3 288.8

158 95.2 48.5 145.6



#78

n-propylbenzene

Concen: 20.313 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012699.D

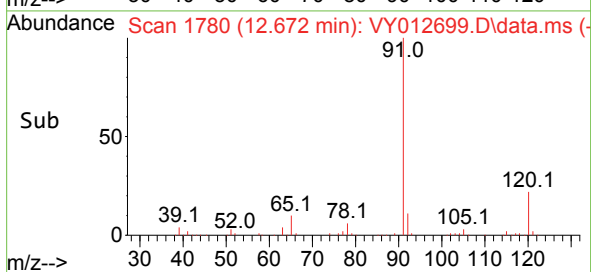
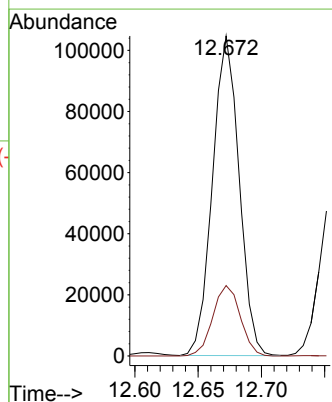
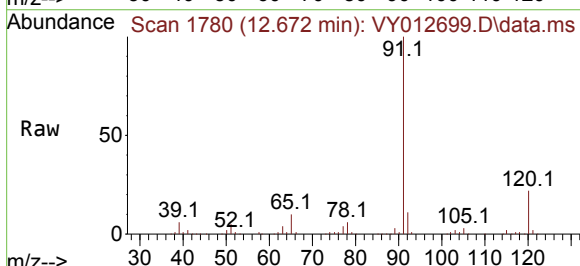
Acq: 23 Feb 2023 11:32

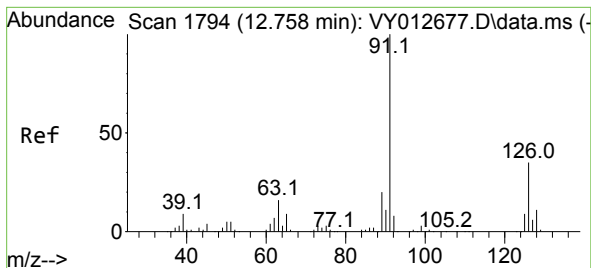
Tgt Ion: 91 Resp: 152867

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 20.268 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

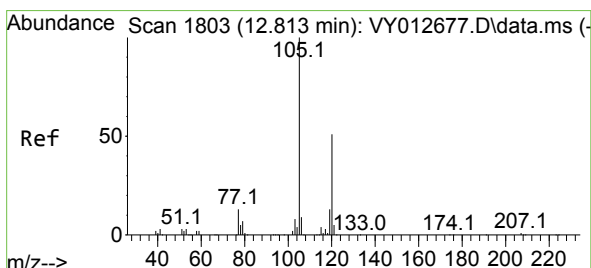
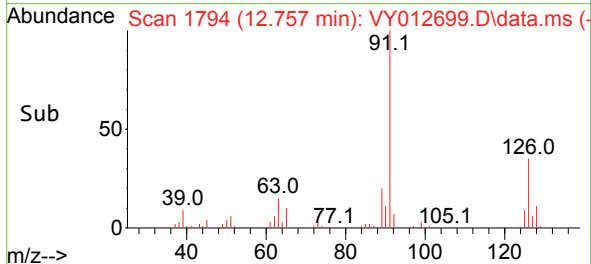
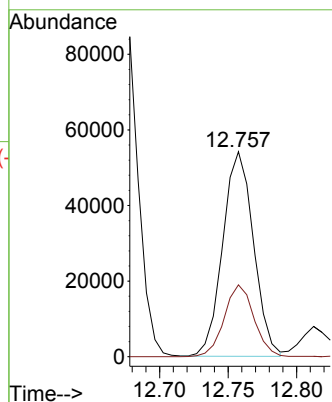
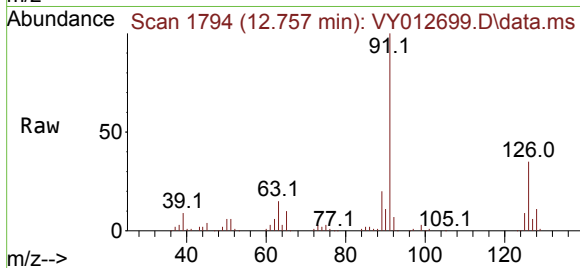
VY0223SBS01

Tgt Ion: 91 Resp: 84737

Ion Ratio Lower Upper

91 100

126 34.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.036 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012699.D

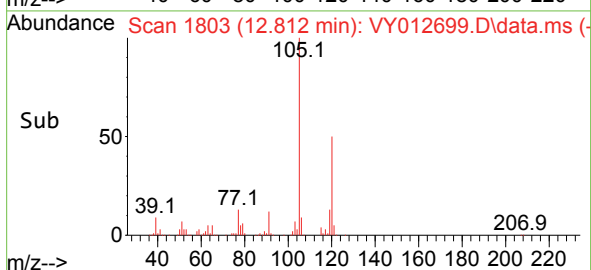
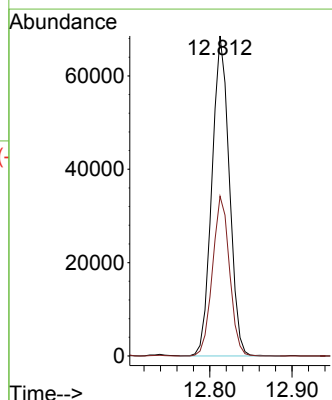
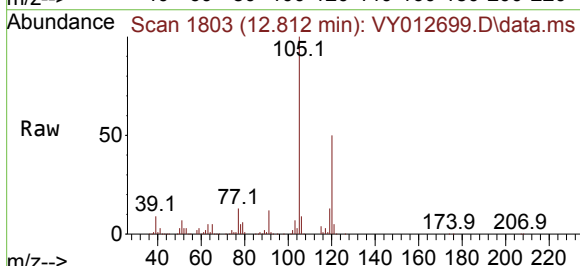
Acq: 23 Feb 2023 11:32

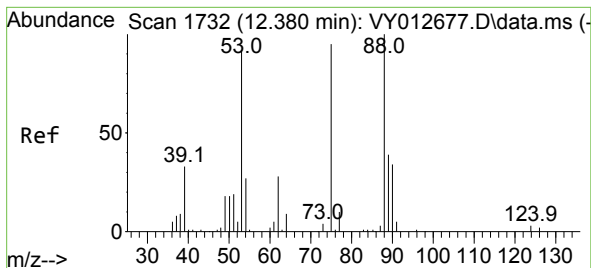
Tgt Ion:105 Resp: 100695

Ion Ratio Lower Upper

105 100

120 48.9 24.7 74.1

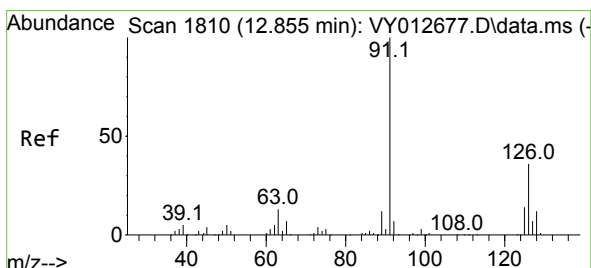
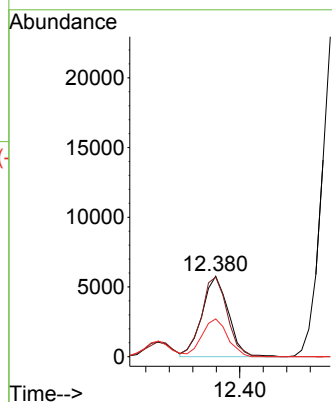
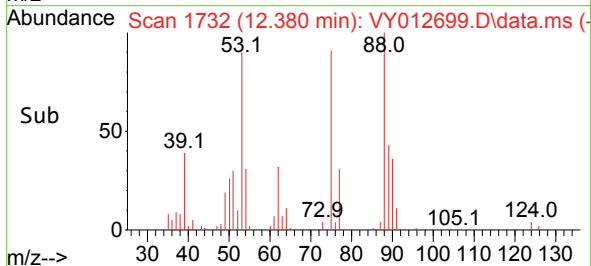
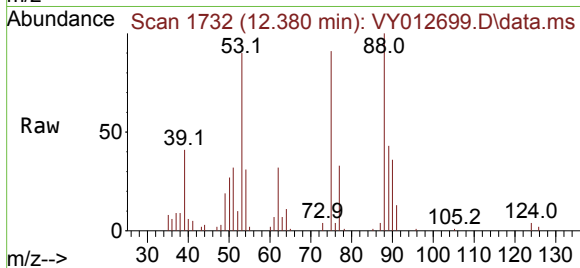




#81
trans-1,4-Dichloro-2-butene
Concen: 18.626 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

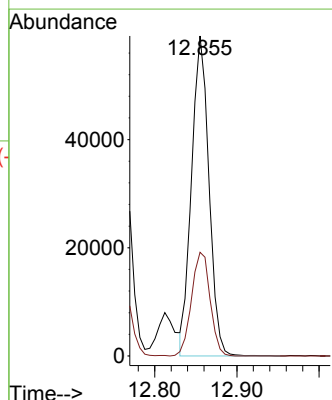
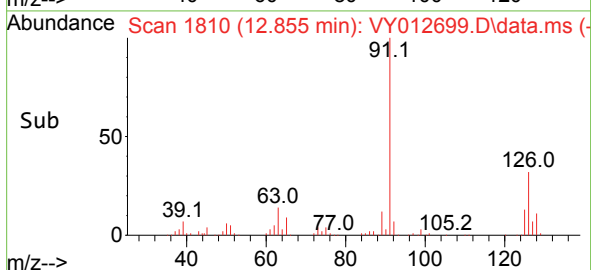
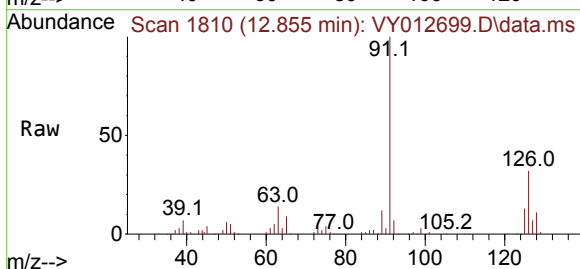
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

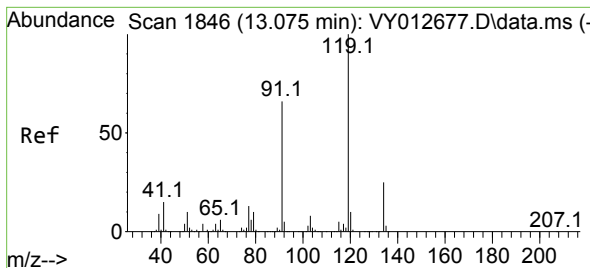
Tgt Ion: 75 Resp: 8924
Ion Ratio Lower Upper
75 100
53 97.4 80.4 120.6
89 45.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.047 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 91 Resp: 86925
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5

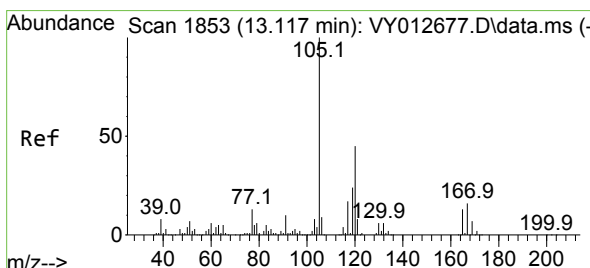
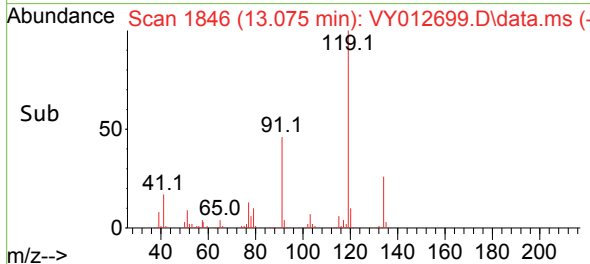
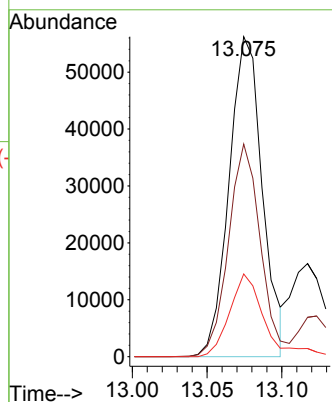
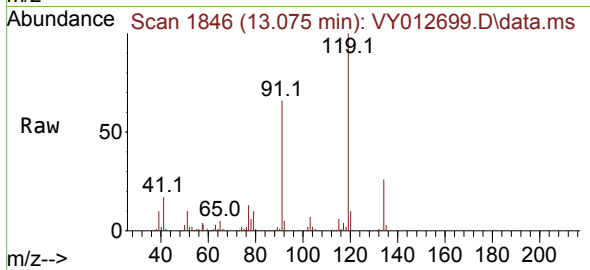




#83
tert-Butylbenzene
Concen: 20.282 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

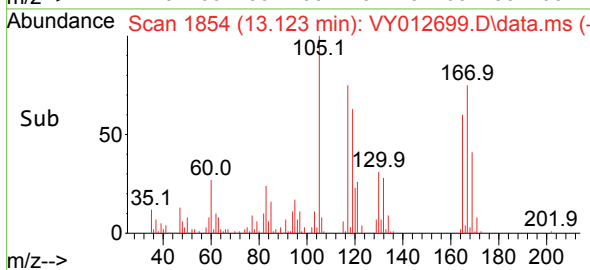
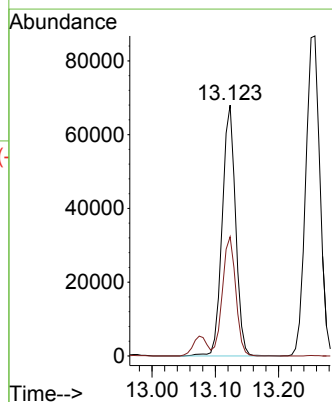
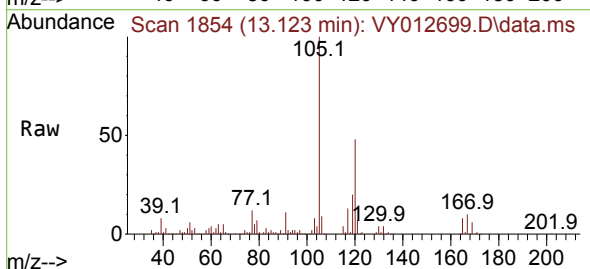
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

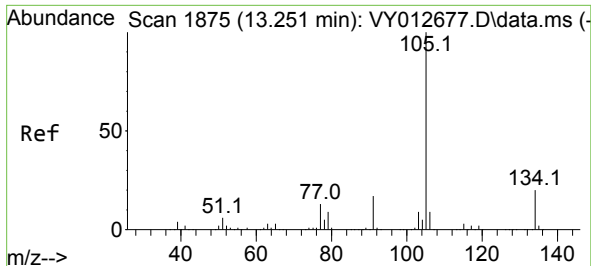
Tgt Ion:119 Resp: 87042
Ion Ratio Lower Upper
119 100
91 64.1 32.4 97.2
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.243 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:105 Resp: 99452
Ion Ratio Lower Upper
105 100
120 47.3 22.7 68.0

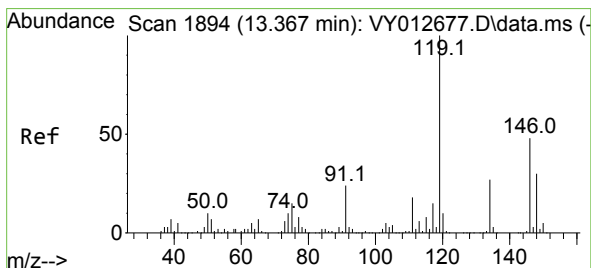
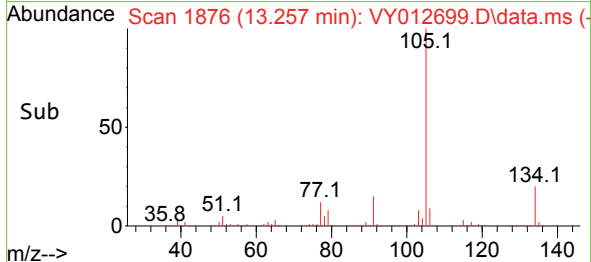
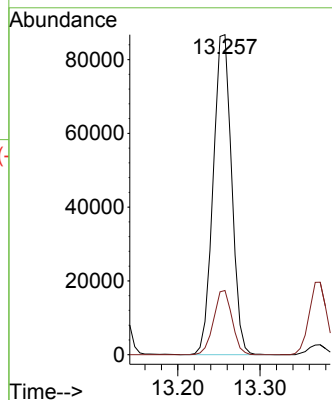
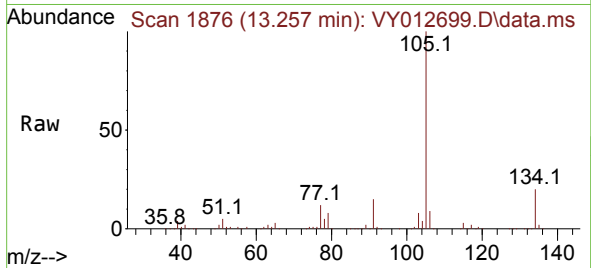




#85
 sec-Butylbenzene
 Concen: 20.678 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

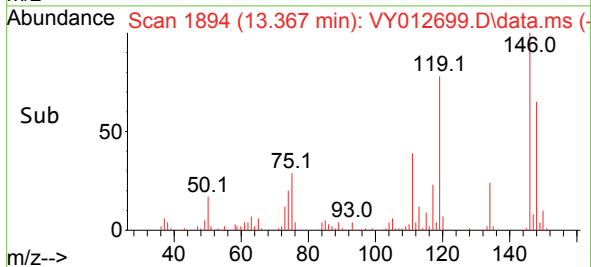
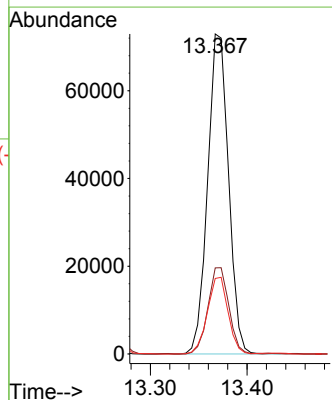
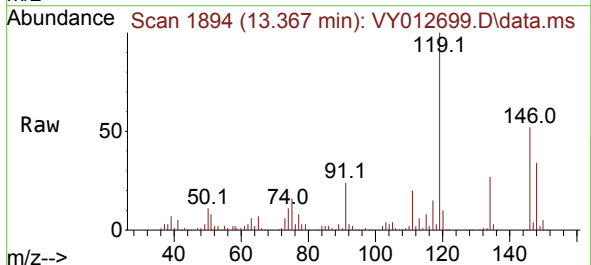
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBSD01

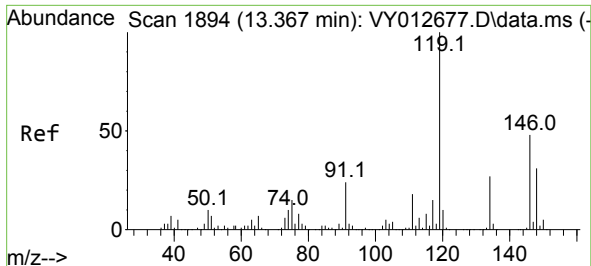
Tgt Ion:105 Resp: 135015
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.380 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012699.D
 Acq: 23 Feb 2023 11:32

Tgt Ion:119 Resp: 109592
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.287 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBSD01

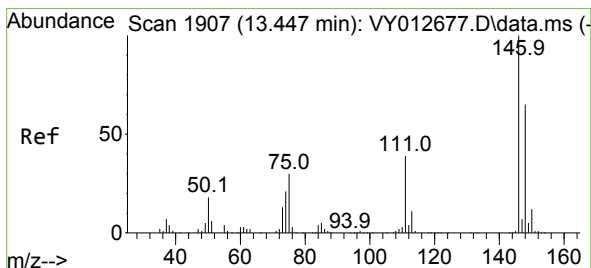
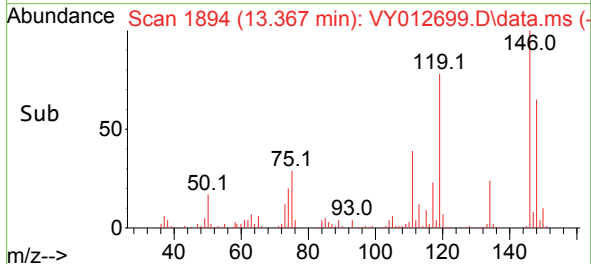
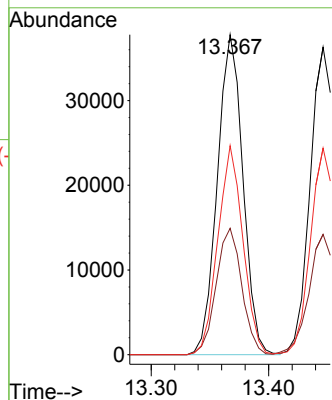
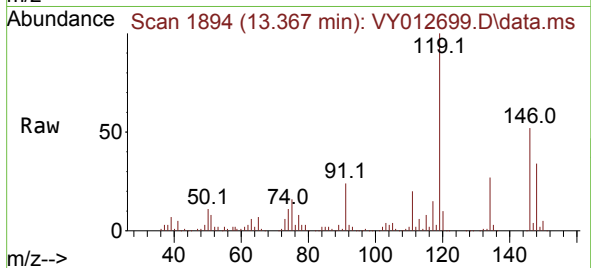
Tgt Ion:146 Resp: 57283

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 63.9 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 19.877 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

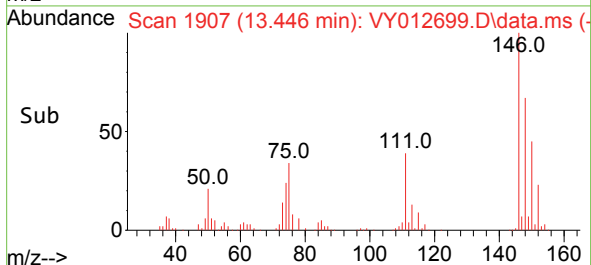
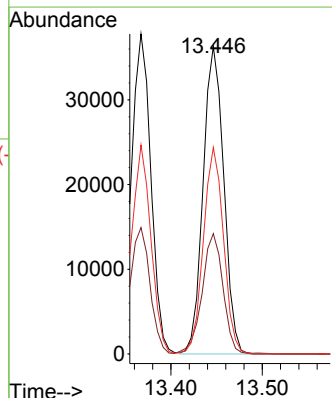
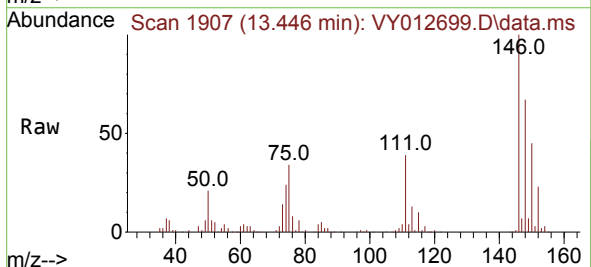
Tgt Ion:146 Resp: 56916

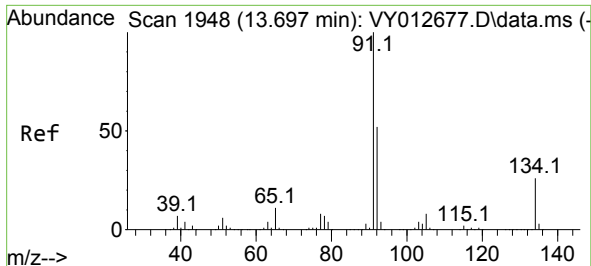
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.3

148 65.5 32.0 96.0

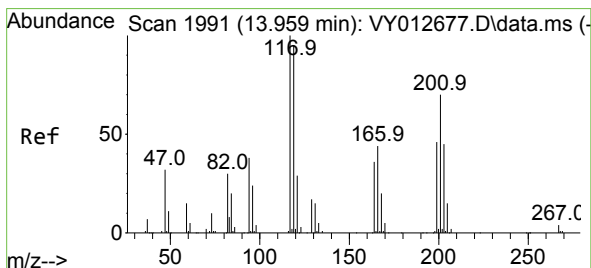
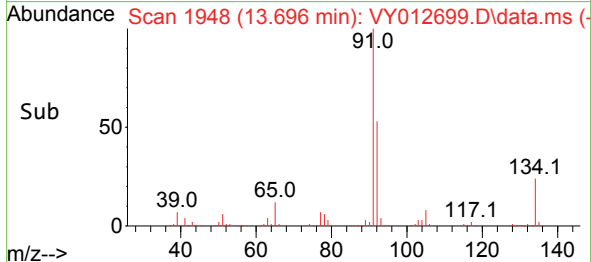
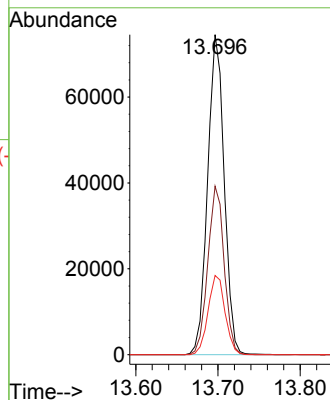
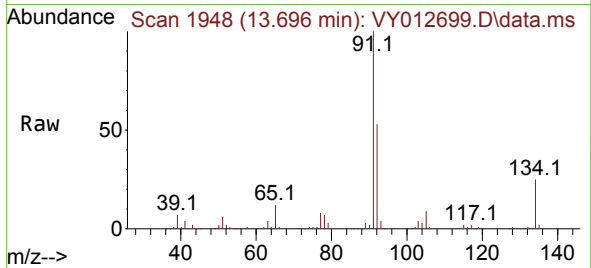




#89
n-Butylbenzene
Concen: 20.260 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

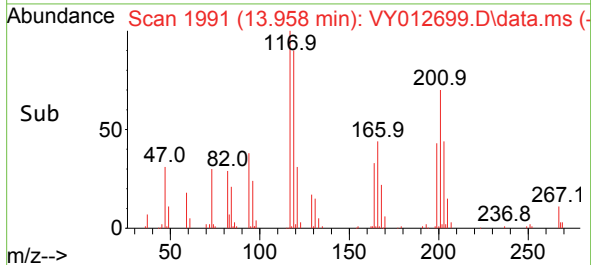
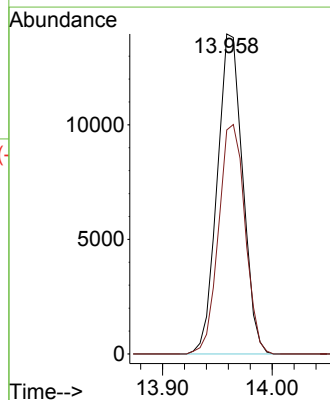
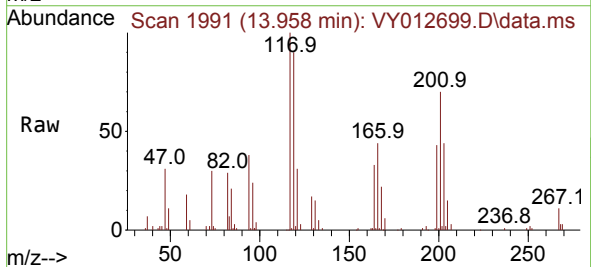
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

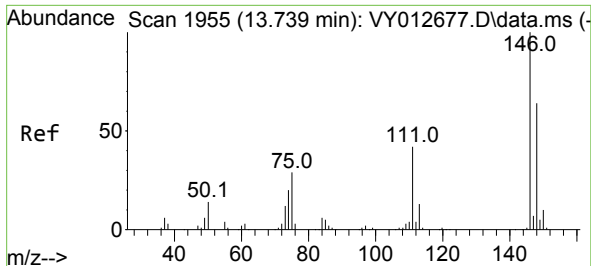
Tgt Ion: 91 Resp: 104340
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.8
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 20.693 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion: 117 Resp: 22582
Ion Ratio Lower Upper
117 100
201 74.6 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBSD01

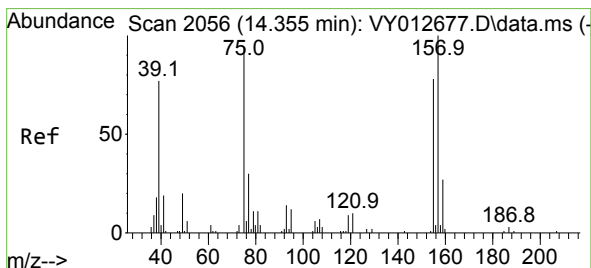
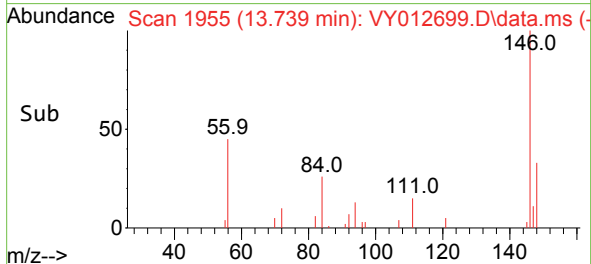
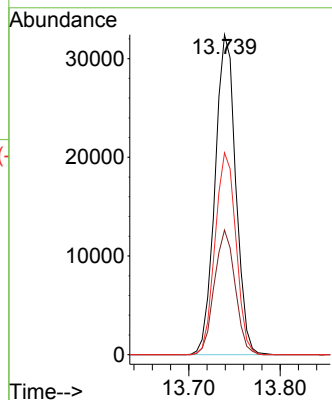
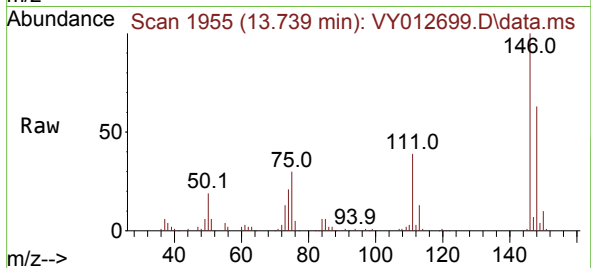
Tgt Ion:146 Resp: 51047

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.8

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.310 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

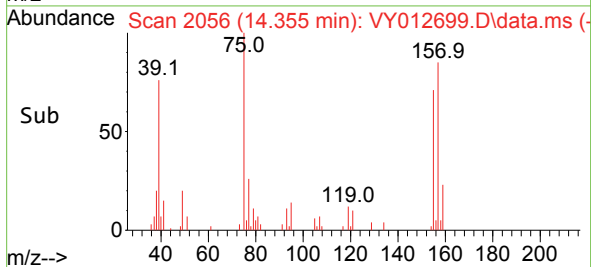
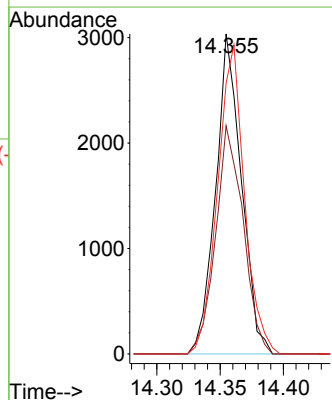
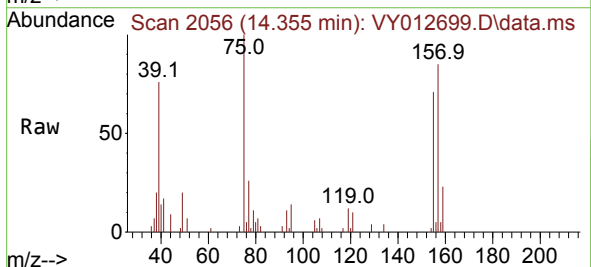
Tgt Ion: 75 Resp: 4294

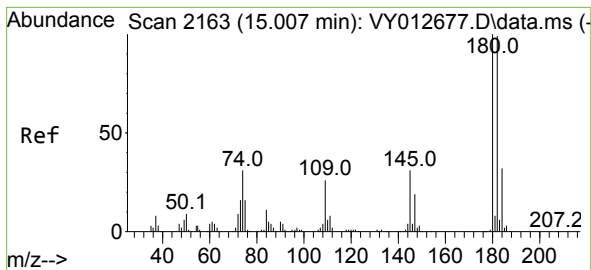
Ion Ratio Lower Upper

75 100

155 76.3 43.6 130.8

157 100.7 55.0 165.2

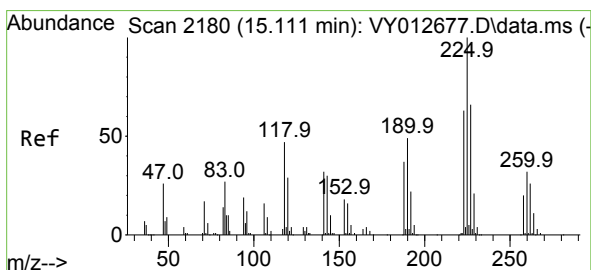
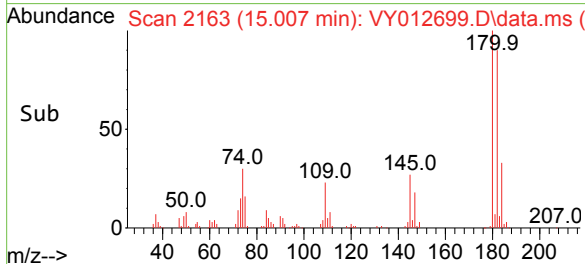
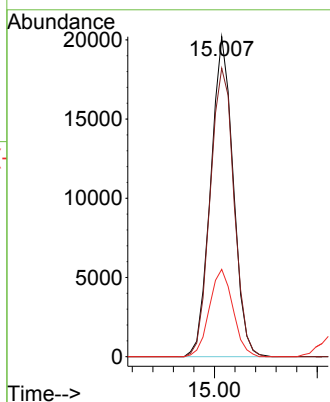
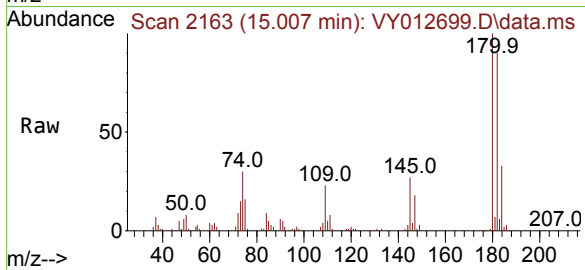




#93
1,2,4-Trichlorobenzene
Concen: 19.237 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

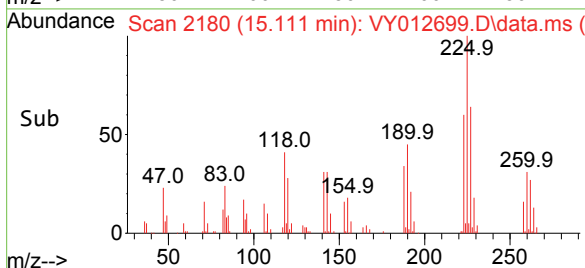
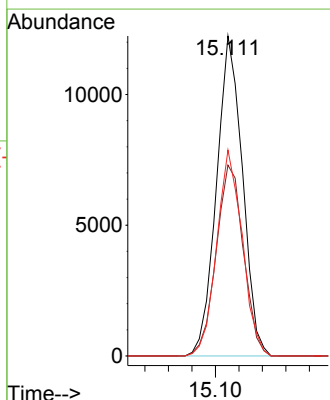
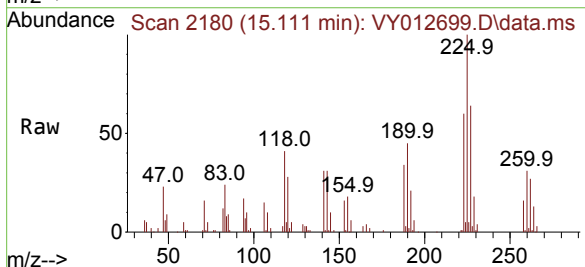
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBSD01

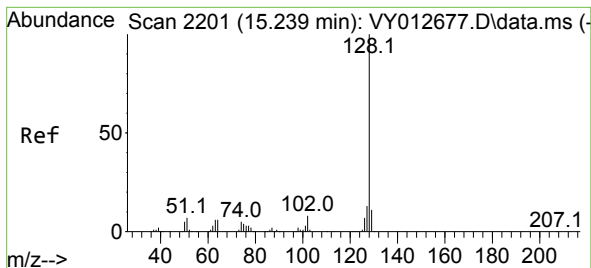
Tgt Ion:180 Resp: 30680
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 28.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 19.531 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012699.D
Acq: 23 Feb 2023 11:32

Tgt Ion:225 Resp: 18799
Ion Ratio Lower Upper
225 100
223 62.6 31.7 95.1
227 63.4 32.3 96.8





#95

Naphthalene

Concen: 18.003 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

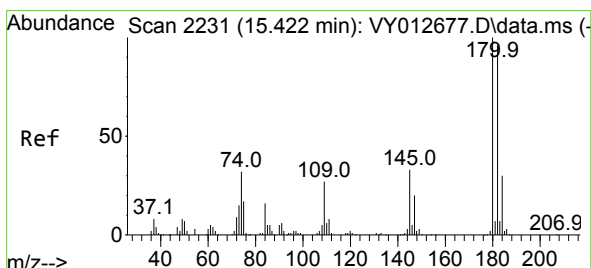
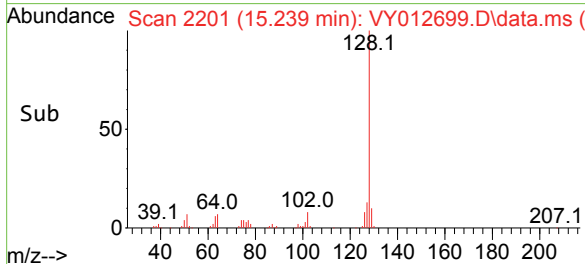
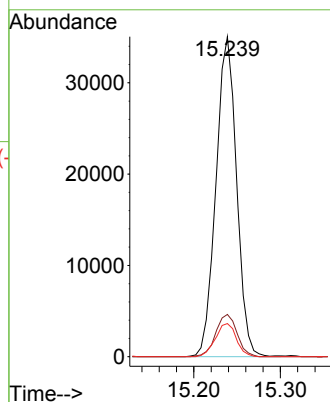
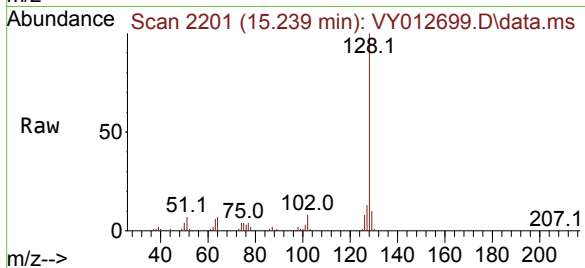
Tgt Ion:128 Resp: 58017

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 19.281 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012699.D

Acq: 23 Feb 2023 11:32

Tgt Ion:180 Resp: 27219

Ion Ratio Lower Upper

180 100

182 94.0 48.5 145.6

145 30.4 16.1 48.2

