

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012580.D
 Acq On : 14 Feb 2023 11:35
 Operator : KP/MD
 Sample : VY0214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

Quant Time: Feb 15 01:23:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79429	51.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.716	113	68545	52.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.179	98	281958	52.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.483	95	95552	50.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	20426	21.826	ug/l	98
3) Chloromethane	2.113	50	17638	18.650	ug/l	97
4) Vinyl Chloride	2.253	62	22859	19.401	ug/l	98
5) Bromomethane	2.643	94	19173	20.594	ug/l	95
6) Chloroethane	2.790	64	16398	19.995	ug/l	98
7) Trichlorofluoromethane	3.125	101	51240	21.158	ug/l	99
8) Diethyl Ether	3.527	74	14020	19.523	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	25043	20.477	ug/l	98
10) Methyl Iodide	4.088	142	30493	19.233	ug/l	99
11) Tert butyl alcohol	4.954	59	12297	76.215	ug/l	98
12) 1,1-Dichloroethene	3.869	96	23796	19.693	ug/l	92
13) Acrolein	3.729	56	16446	90.634	ug/l	96
14) Allyl chloride	4.479	41	26489	17.979	ug/l	93
15) Acrylonitrile	5.161	53	31993	96.566	ug/l	99
16) Acetone	3.942	43	33270	89.556	ug/l	99
17) Carbon Disulfide	4.192	76	53397	17.037	ug/l	99
18) Methyl Acetate	4.472	43	16252	18.201	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	71134	20.118	ug/l	99
20) Methylene Chloride	4.716	84	30741	19.585	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	25744	19.535	ug/l	98
22) Diisopropyl ether	6.118	45	57790	19.290	ug/l	96
23) Vinyl Acetate	6.058	43	172039	95.259	ug/l	97
24) 1,1-Dichloroethane	6.015	63	41372	19.318	ug/l	98
25) 2-Butanone	6.984	43	36556	88.689	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	47051	19.996	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	29736	19.444	ug/l	99
28) Bromochloromethane	7.332	49	14921	19.167	ug/l	94
29) Tetrahydrofuran	7.344	42	20604	92.464	ug/l	96
30) Chloroform	7.502	83	52449	20.313	ug/l	99
31) Cyclohexane	7.783	56	32717	18.333	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	51648	20.613	ug/l	99
36) 1,1-Dichloropropene	7.917	75	34521	19.699	ug/l	99
37) Ethyl Acetate	7.070	43	14710	18.603	ug/l	99
38) Carbon Tetrachloride	7.899	117	49924	21.223	ug/l	99
39) Methylcyclohexane	9.185	83	40897	19.395	ug/l	99
40) Benzene	8.161	78	103443	19.986	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6691	15.445	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35182	20.972	ug/l	99
43) Isopropyl Acetate	8.271	43	28258	19.274	ug/l	99
44) Trichloroethene	8.941	130	32467	20.606	ug/l	89
45) 1,2-Dichloropropane	9.215	63	21561	19.211	ug/l	94
46) Dibromomethane	9.301	93	14979	20.157	ug/l	99
47) Bromodichloromethane	9.496	83	39420	20.458	ug/l	97
48) Methyl methacrylate	9.289	41	12526	18.692	ug/l	91
49) 1,4-Dioxane	9.301	88	4078	397.521	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	75414	95.340	ug/l	99
52) Toluene	10.246	92	72329	20.607	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	39341	20.262	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	42363	20.162	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	22313	20.549	ug/l	94
56) Ethyl methacrylate	10.508	69	27789	20.370	ug/l	96
57) 1,3-Dichloropropane	10.788	76	35471	20.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	66668	108.723	ug/l	94
59) 2-Hexanone	10.831	43	56165	93.957	ug/l	99
60) Dibromochloromethane	10.983	129	29655	20.488	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20656	20.302	ug/l	98
64) Tetrachloroethene	10.721	164	36436	21.521	ug/l	98
65) Chlorobenzene	11.514	112	79841	20.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	31812	21.106	ug/l	98
67) Ethyl Benzene	11.593	91	138635	20.531	ug/l	99
68) m/p-Xylenes	11.703	106	112715	41.819	ug/l	99
69) o-Xylene	12.032	106	53567	20.869	ug/l	99
70) Styrene	12.044	104	90931	20.888	ug/l	100
71) Bromoform	12.209	173	20109	21.107	ug/l #	100
73) Isopropylbenzene	12.331	105	148182	20.262	ug/l	98
74) N-amyl acetate	12.142	43	24762	18.704	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	22604	19.115	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	33927	33.594	ug/l #	100
77) Bromobenzene	12.605	156	36199	20.421	ug/l	96
78) n-propylbenzene	12.672	91	167936	19.950	ug/l	99
79) 2-Chlorotoluene	12.758	91	96328	20.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	128636	20.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8342	18.627	ug/l	97
82) 4-Chlorotoluene	12.855	91	101576	20.264	ug/l	100
83) tert-Butylbenzene	13.075	119	113755	20.605	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	128138	20.685	ug/l	100
85) sec-Butylbenzene	13.251	105	161159	20.405	ug/l	98
86) p-Isopropyltoluene	13.367	119	143169	20.895	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	73006	20.700	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72901	20.635	ug/l	99
89) n-Butylbenzene	13.696	91	120720	20.615	ug/l	99
90) Hexachloroethane	13.959	117	25571	20.332	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	64954	20.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4517	19.195	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	40459	20.580	ug/l	99
94) Hexachlorobutadiene	15.111	225	26355	21.580	ug/l	99
95) Naphthalene	15.239	128	76977	20.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35459	20.837	ug/l	99

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Response via : Initial Calibration

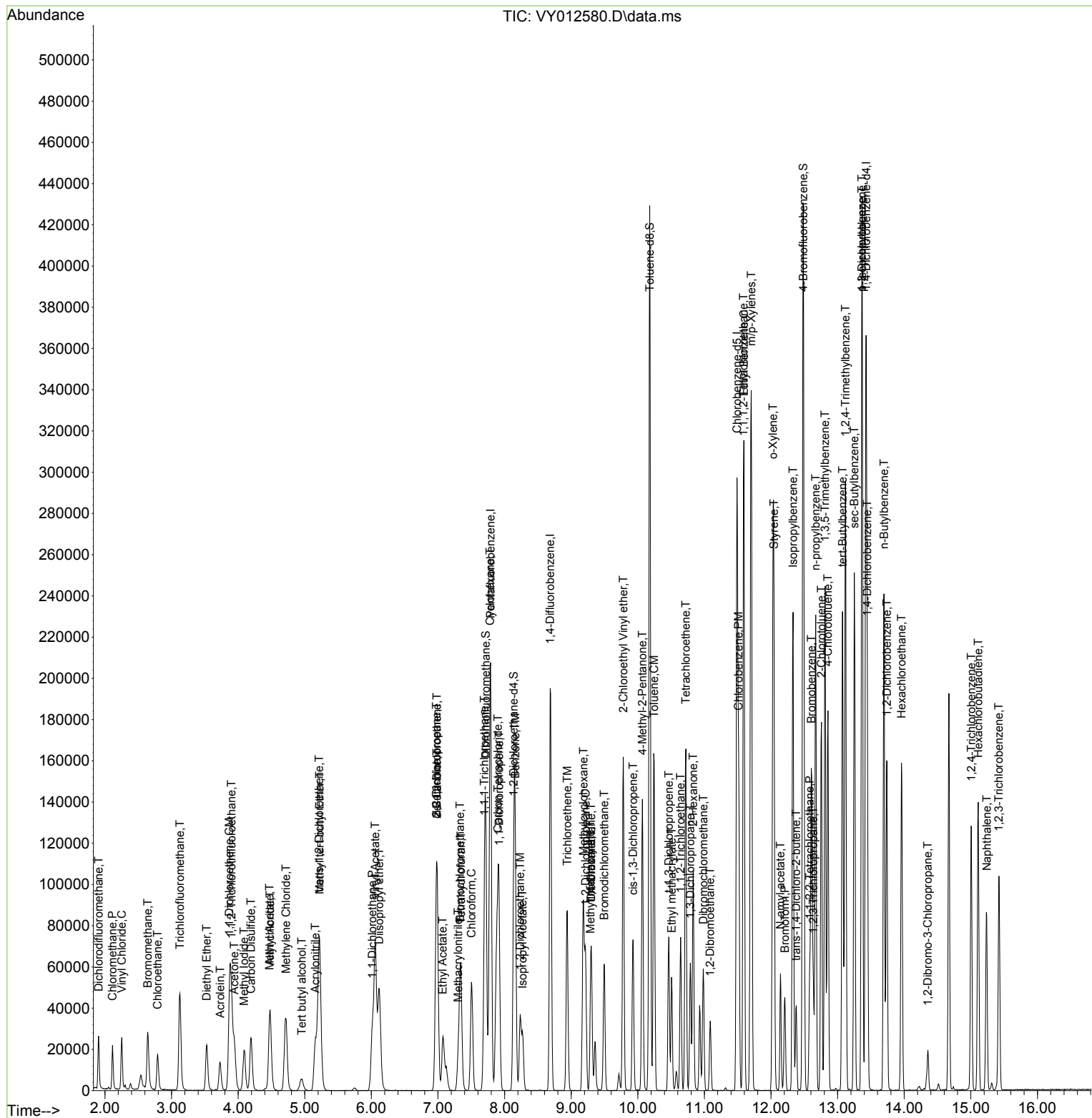
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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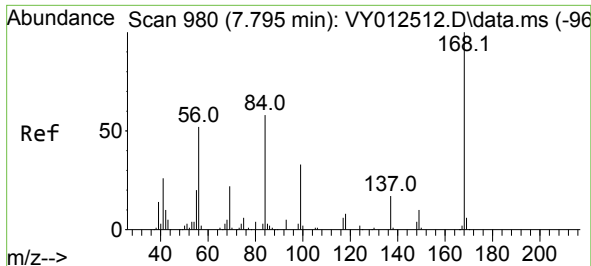
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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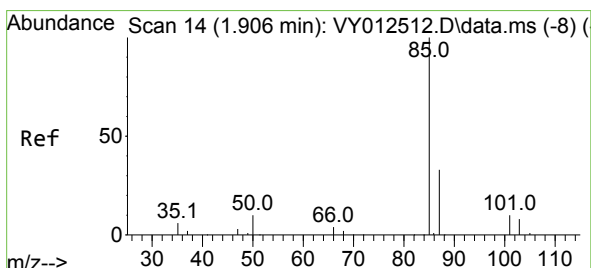
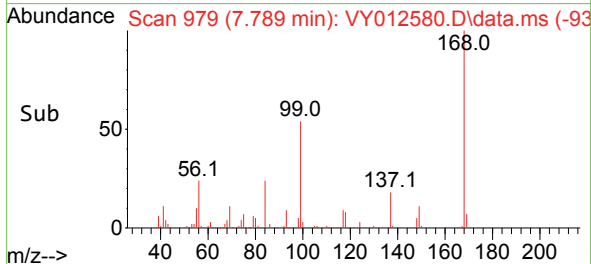
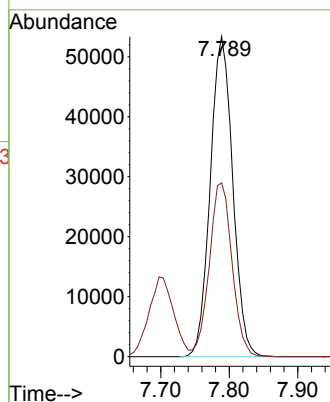
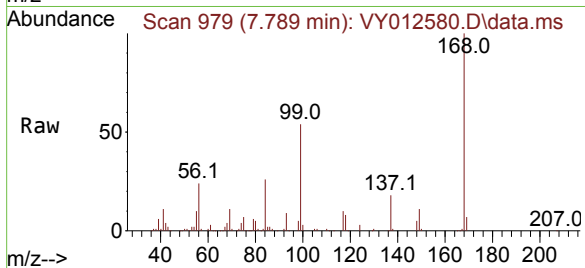




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012580.D
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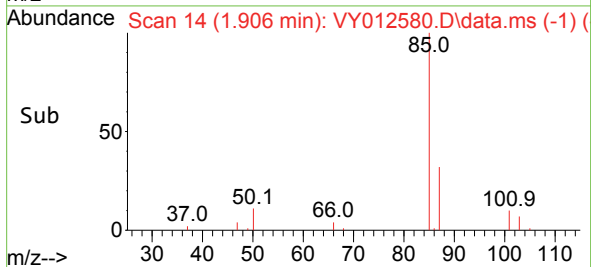
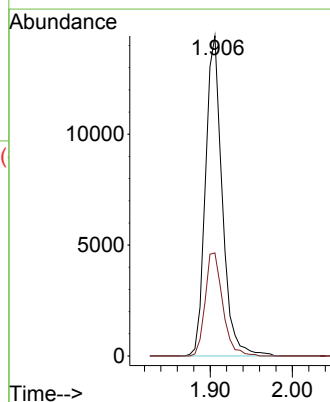
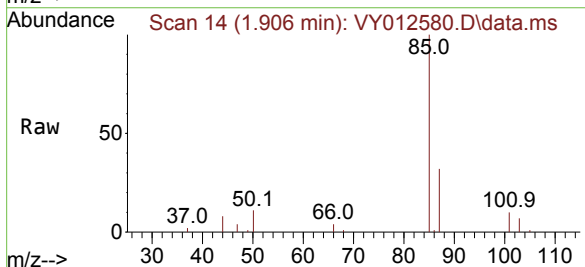
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

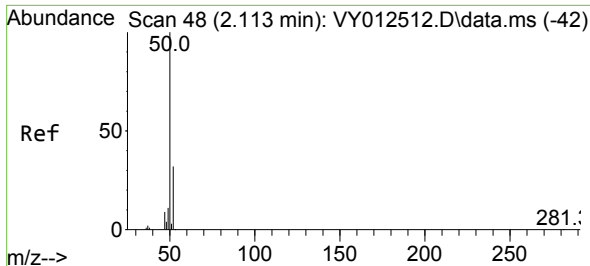
Tgt Ion:168 Resp: 121381
Ion Ratio Lower Upper
168 100
99 54.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 21.826 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 85 Resp: 20426
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8

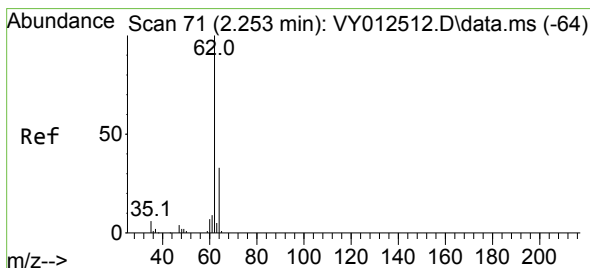
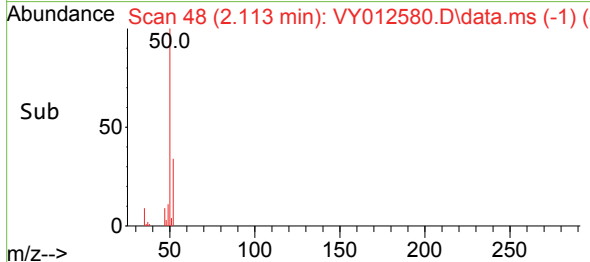
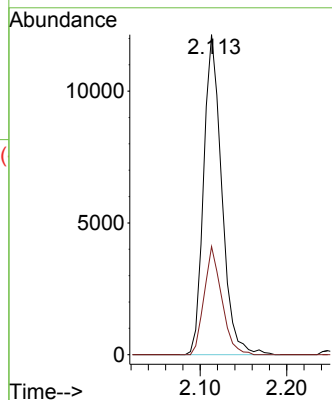
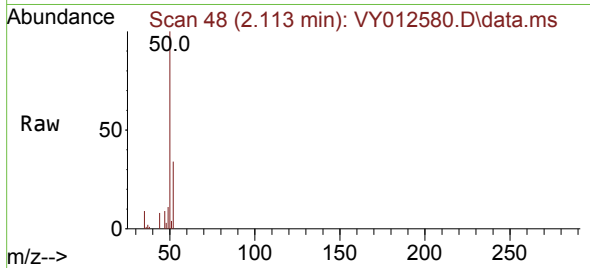




#3
Chloromethane
Concen: 18.650 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

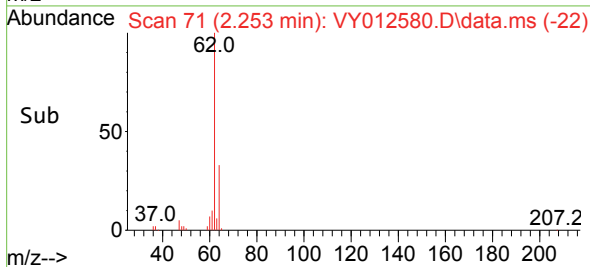
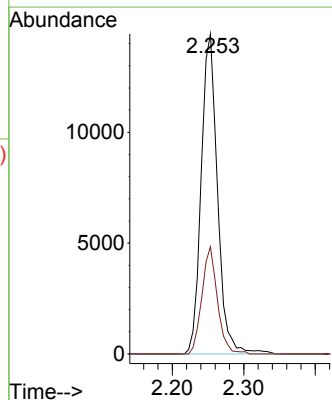
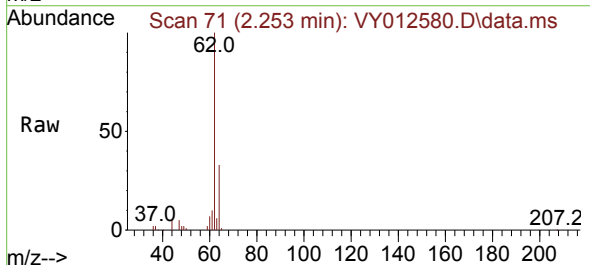
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

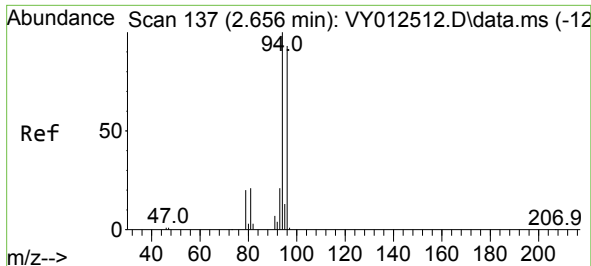
Tgt Ion: 50 Resp: 17638
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.6



#4
Vinyl Chloride
Concen: 19.401 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 62 Resp: 22859
Ion Ratio Lower Upper
62 100
64 33.5 26.1 39.1

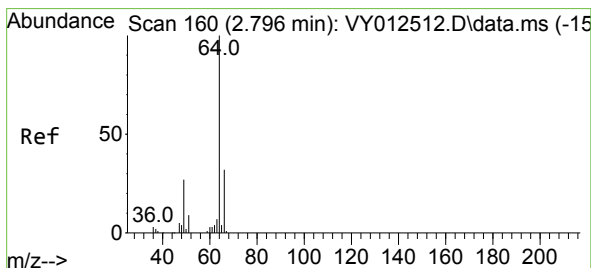
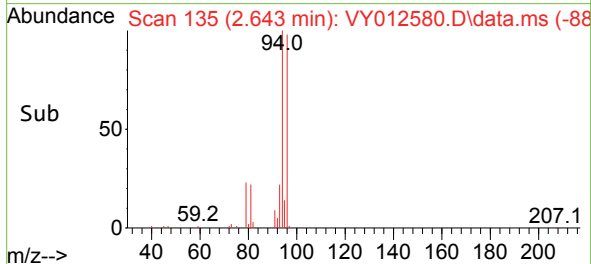
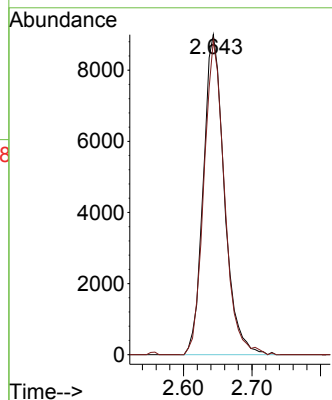
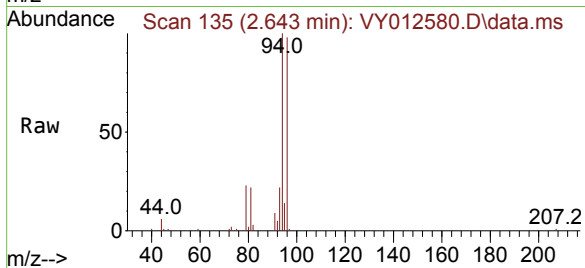




#5
Bromomethane
Concen: 20.594 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012580.D
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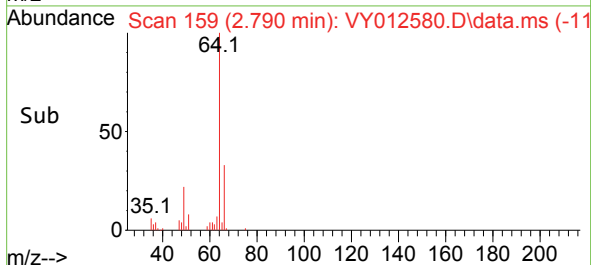
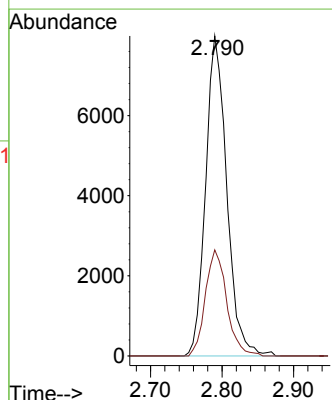
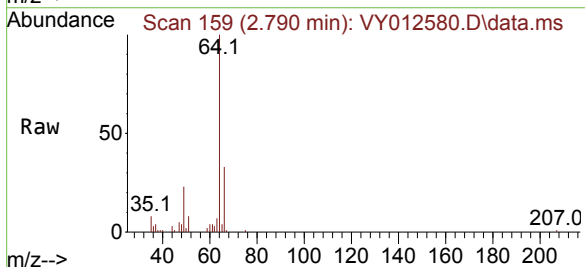
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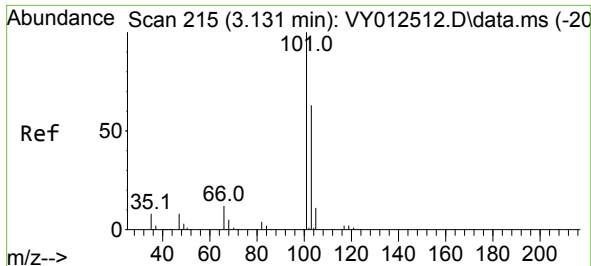
Tgt Ion: 94 Resp: 19173
Ion Ratio Lower Upper
94 100
96 98.1 74.7 112.1



#6
Chloroethane
Concen: 19.995 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 64 Resp: 16398
Ion Ratio Lower Upper
64 100
66 33.1 25.7 38.5

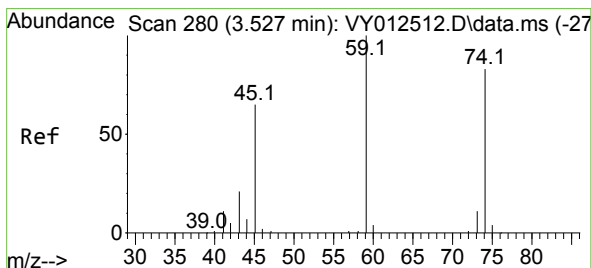
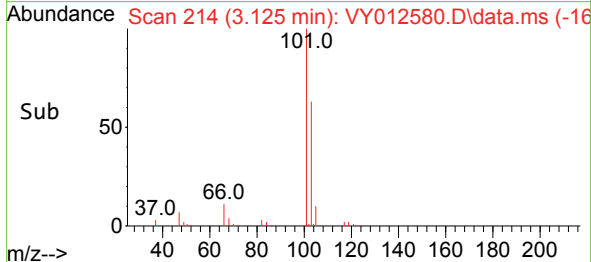
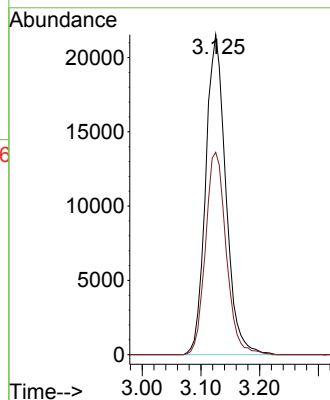
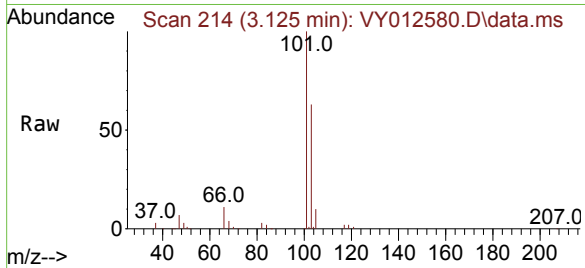




#7
 Trichlorofluoromethane
 Concen: 21.158 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

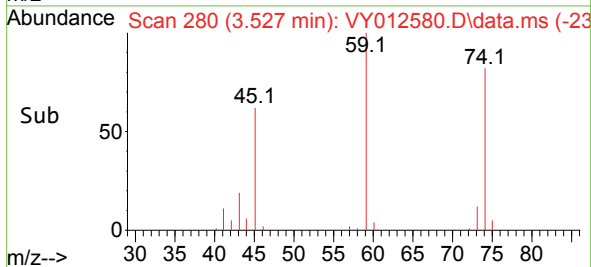
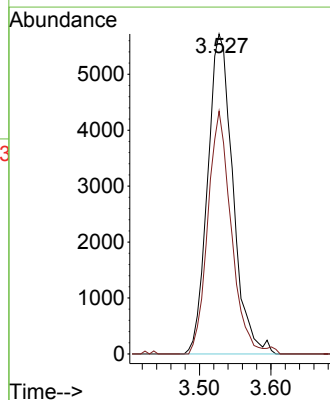
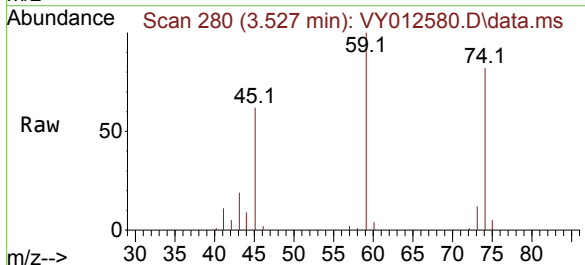
Instrument :
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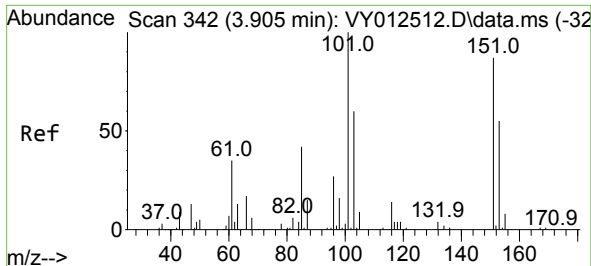
Tgt Ion:101 Resp: 51240
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.523 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012580.D
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Tgt Ion: 74 Resp: 14020
 Ion Ratio Lower Upper
 74 100
 45 70.8 37.8 113.4

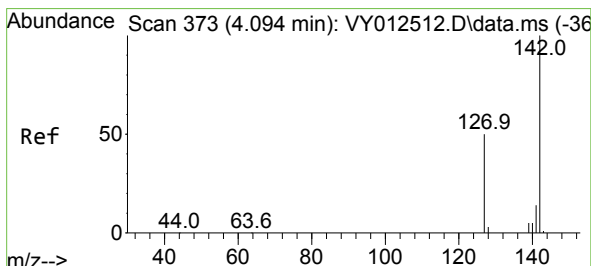
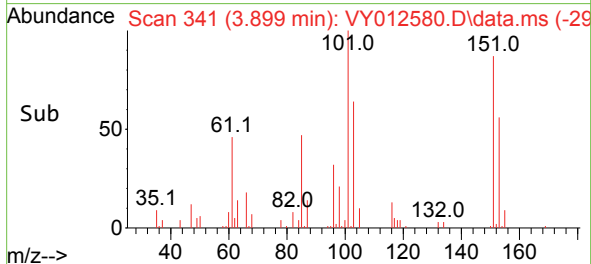
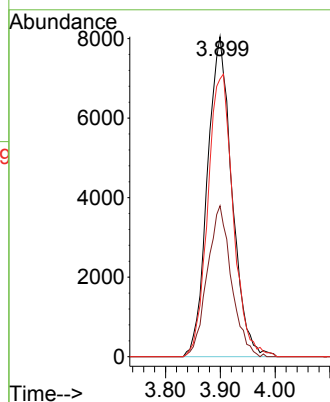
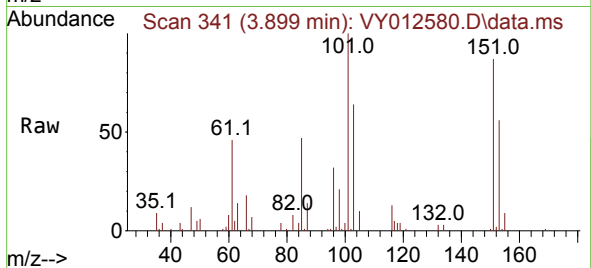




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.477 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

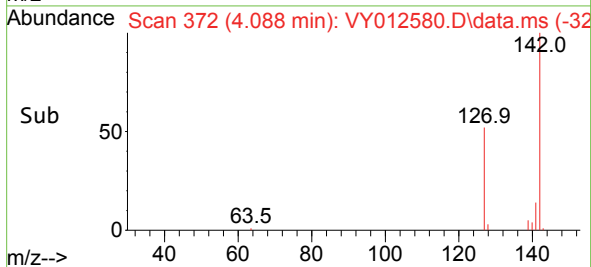
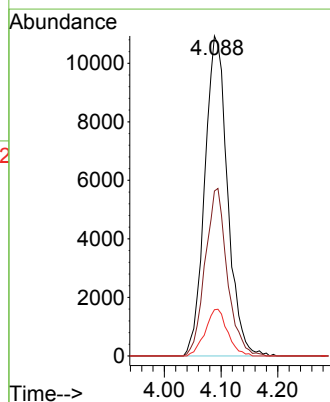
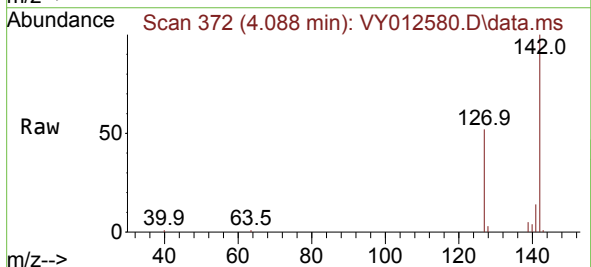
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

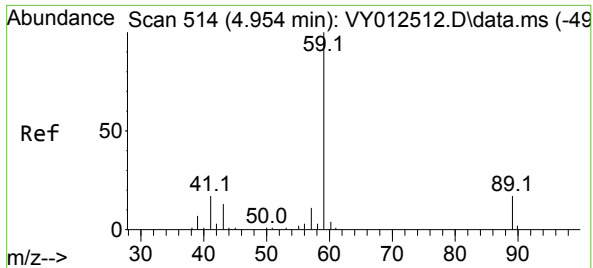
Tgt Ion:101 Resp: 25043
Ion Ratio Lower Upper
101 100
85 46.2 36.1 54.1
151 91.0 70.7 106.1



#10
Methyl Iodide
Concen: 19.233 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion:142 Resp: 30493
Ion Ratio Lower Upper
142 100
127 50.8 39.8 59.6
141 14.3 11.6 17.4

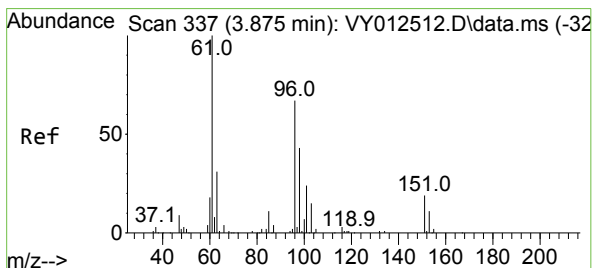
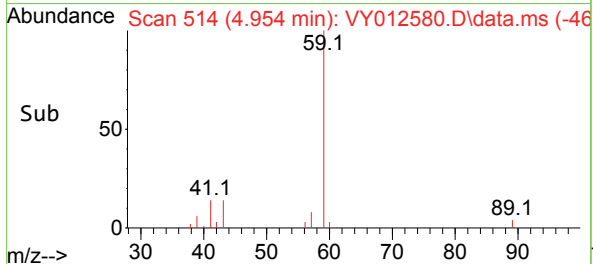
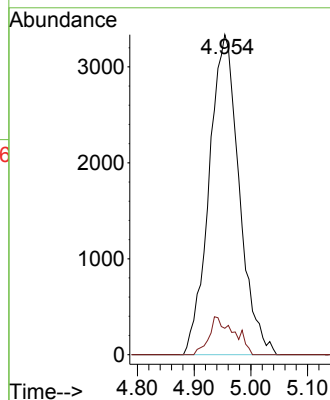
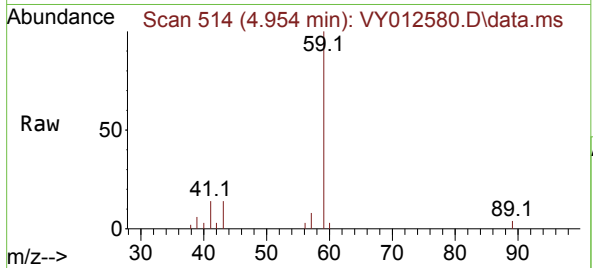




#11
Tert butyl alcohol
Concen: 76.215 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

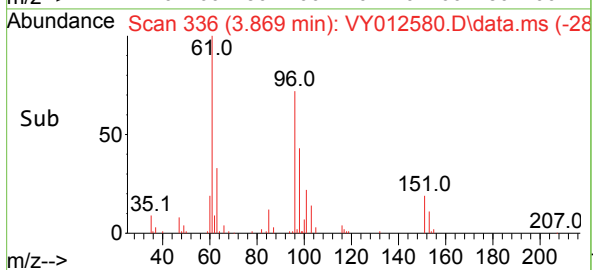
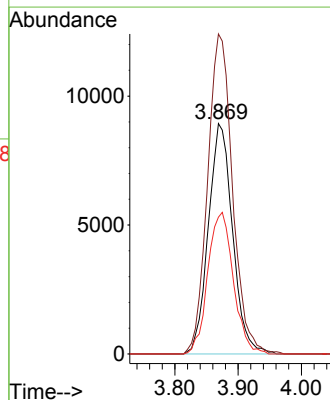
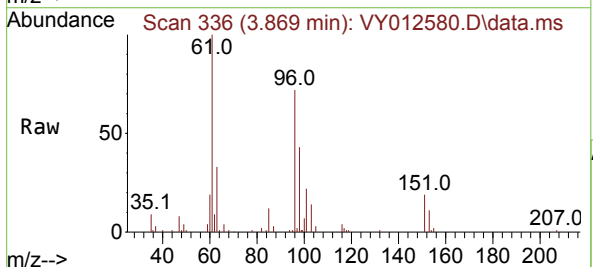
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

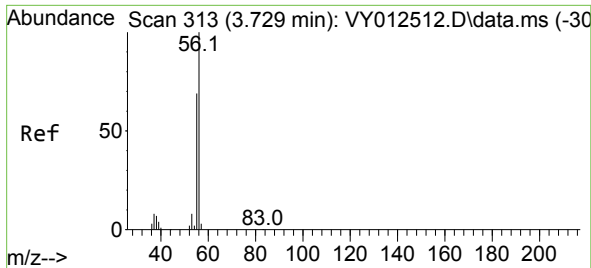
Tgt Ion: 59 Resp: 12297
Ion Ratio Lower Upper
59 100
57 9.8 7.2 10.8



#12
1,1-Dichloroethene
Concen: 19.693 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 96 Resp: 23796
Ion Ratio Lower Upper
96 100
61 138.9 119.4 179.2
98 59.4 51.9 77.9





#13

Acrolein

Concen: 90.634 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

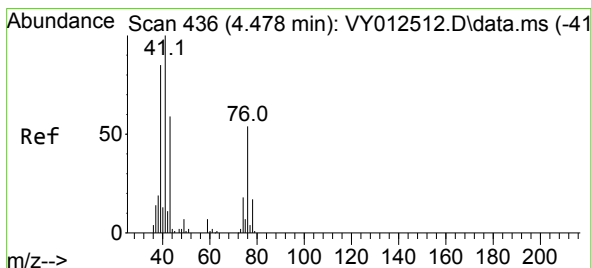
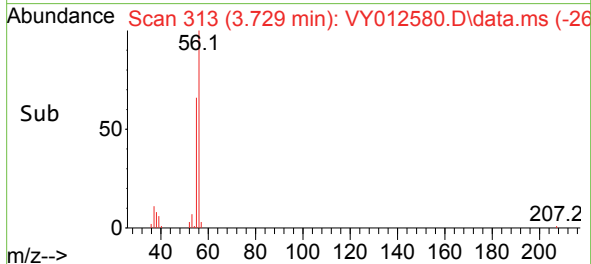
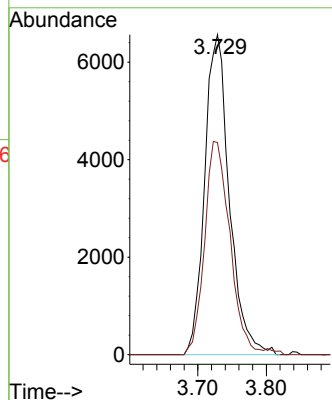
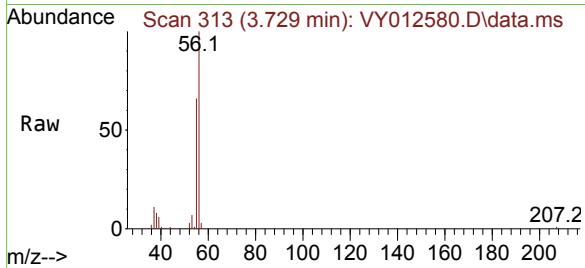
VY0214SBSD01

Tgt Ion: 56 Resp: 16446

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.4



#14

Allyl chloride

Concen: 17.979 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

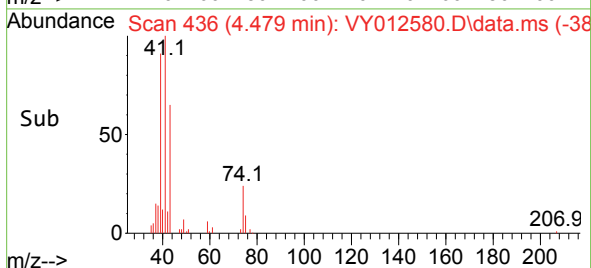
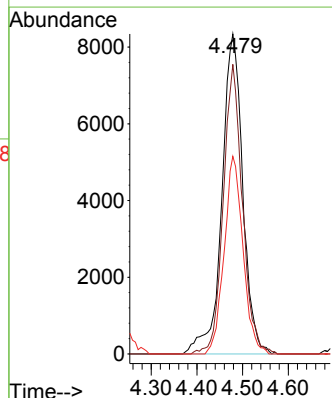
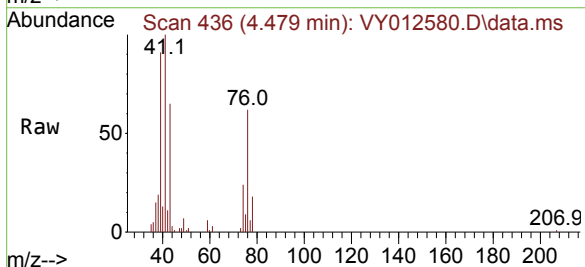
Tgt Ion: 41 Resp: 26489

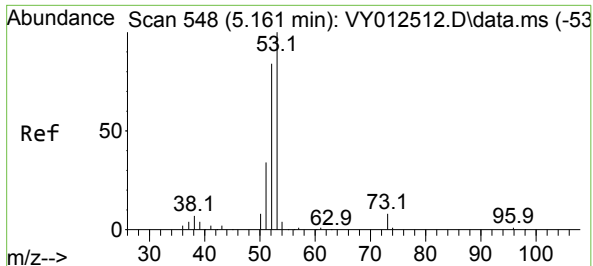
Ion Ratio Lower Upper

41 100

39 82.9 62.6 94.0

76 55.7 39.6 59.4





#15

Acrylonitrile

Concen: 96.566 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012580.D

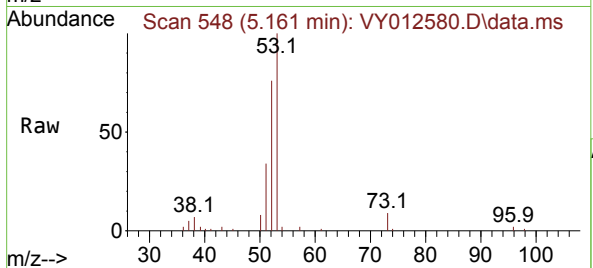
Acq: 14 Feb 2023 11:35

Instrument :

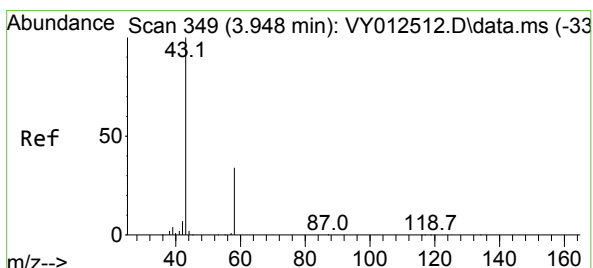
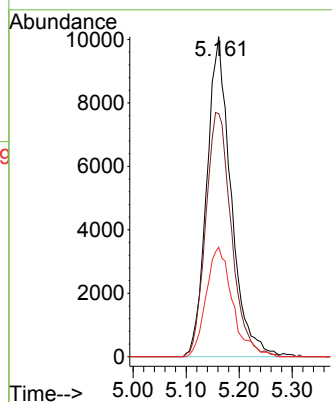
MSVOA_Y

ClientSampleId :

VY0214SBSD01



Tgt Ion:	53	Resp:	31993
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.0	97.4
51	37.5	28.7	43.1



#16

Acetone

Concen: 89.556 ug/l

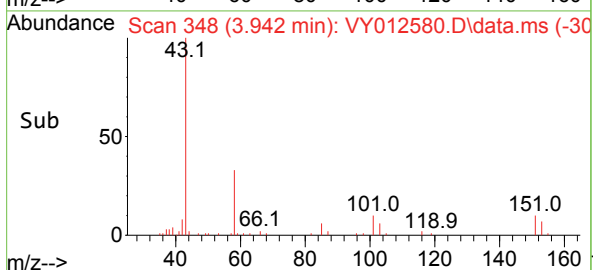
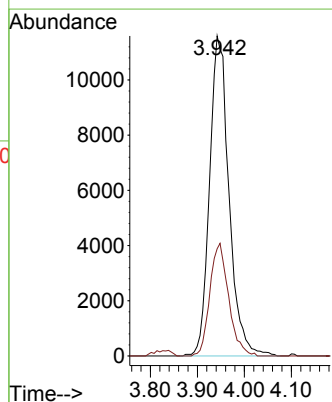
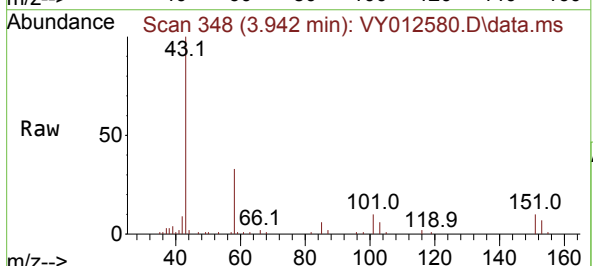
RT: 3.942 min Scan# 348

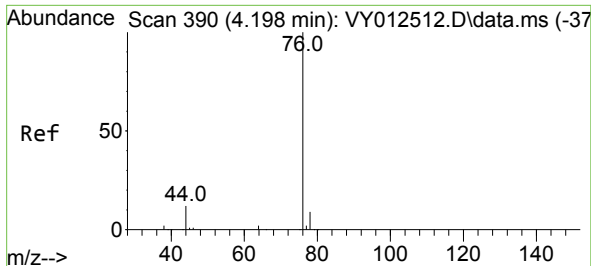
Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion:	43	Resp:	33270
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.1	40.7

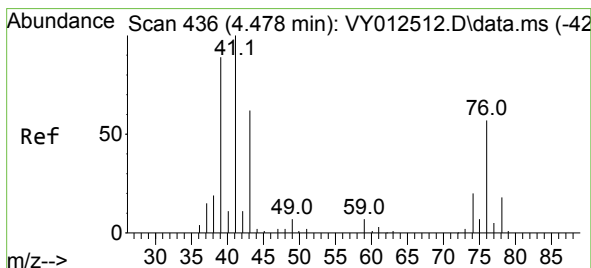
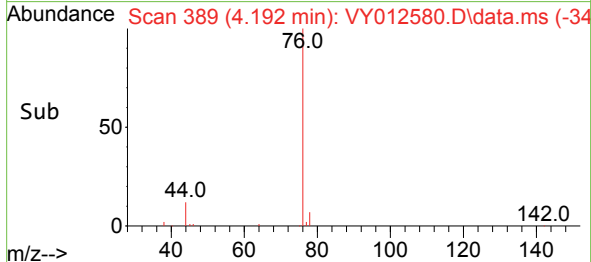
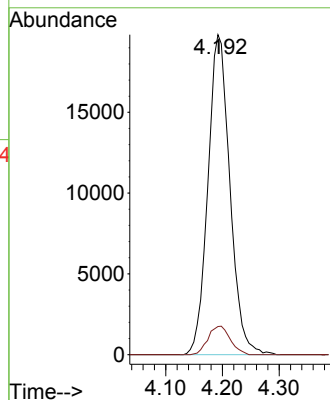
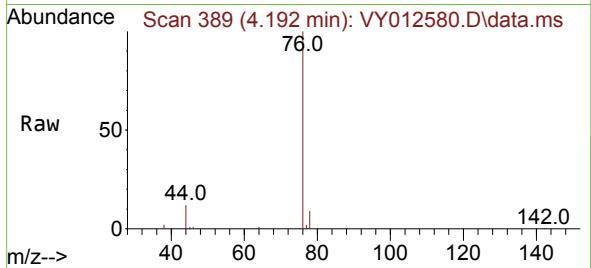




#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

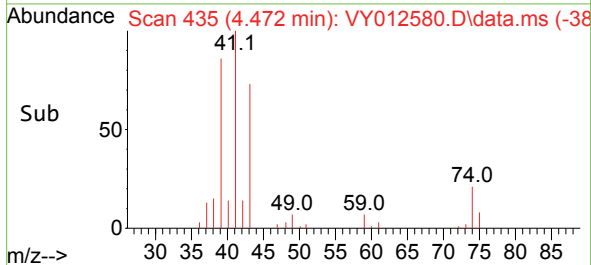
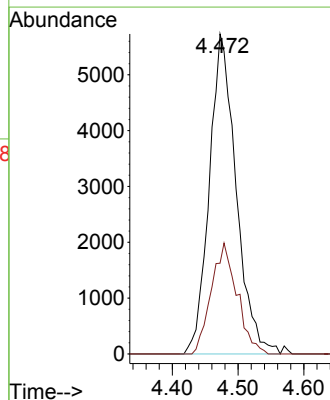
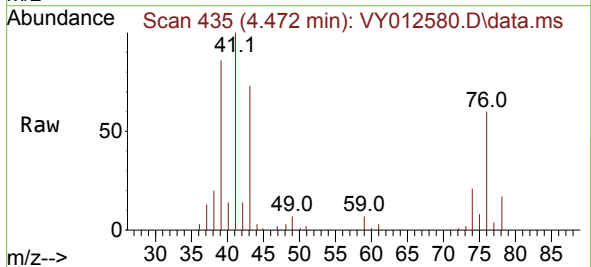
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

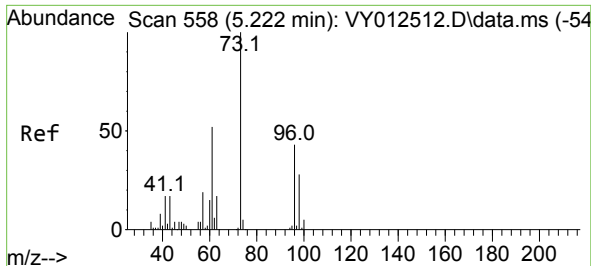
Tgt Ion: 76 Resp: 53397
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 18.201 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 43 Resp: 16252
Ion Ratio Lower Upper
43 100
74 33.4 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 20.118 ug/l

RT: 5.222 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

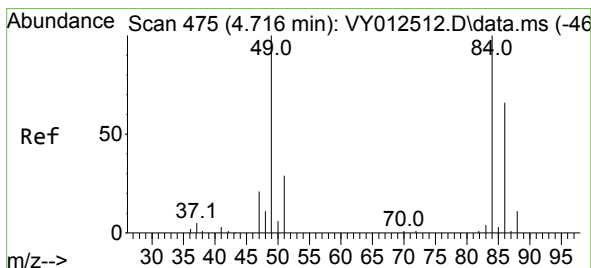
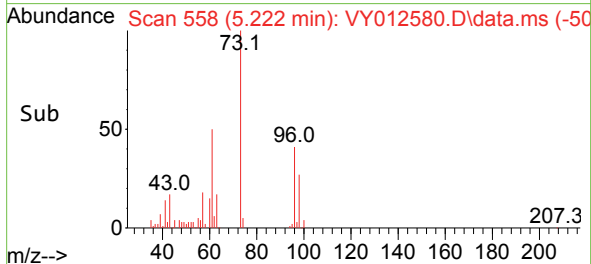
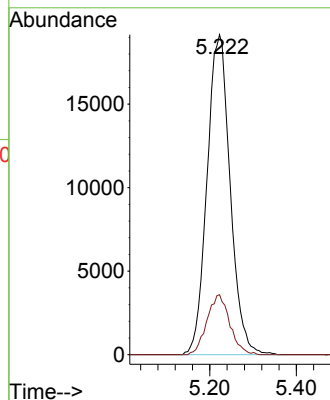
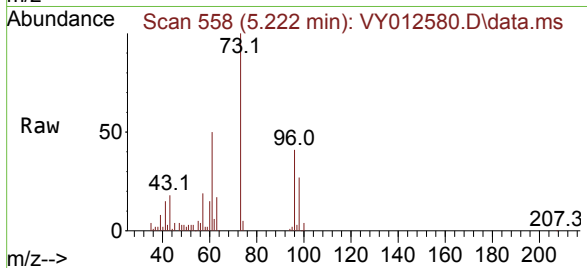
VY0214SBSD01

Tgt Ion: 73 Resp: 71134

Ion Ratio Lower Upper

73 100

57 18.7 15.3 22.9



#20

Methylene Chloride

Concen: 19.585 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion: 84 Resp: 30741

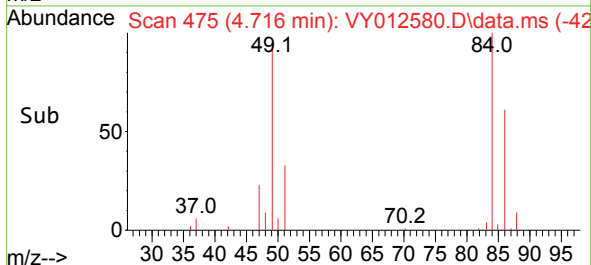
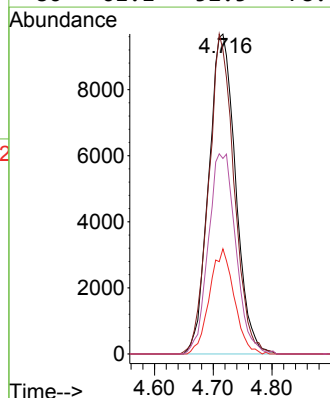
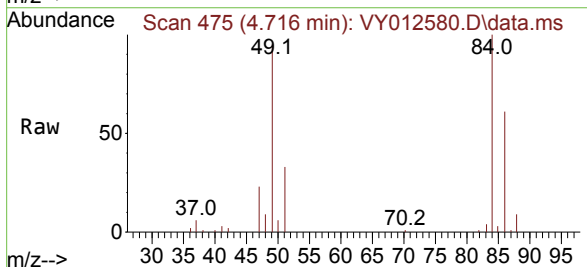
Ion Ratio Lower Upper

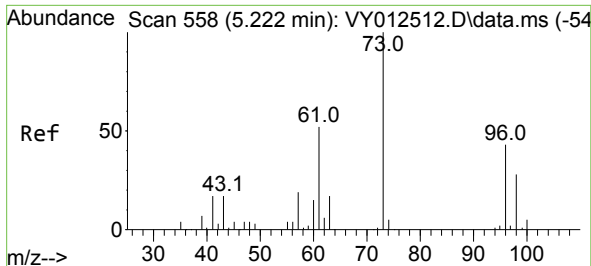
84 100

49 95.1 79.8 119.6

51 32.9 23.4 35.2

86 61.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.535 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

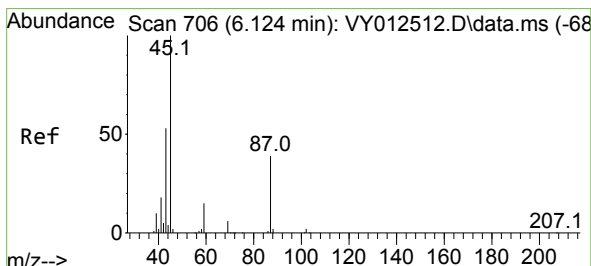
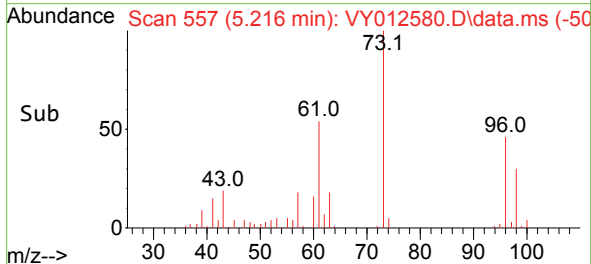
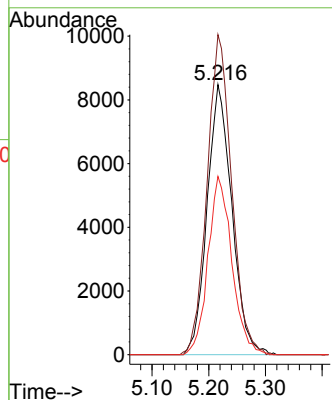
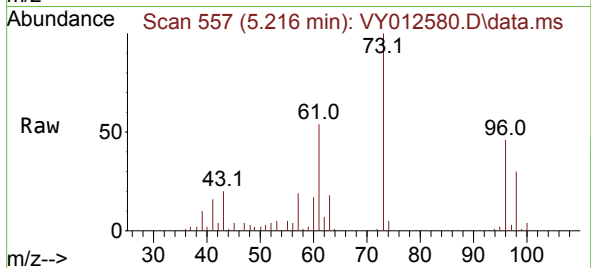
Tgt Ion: 96 Resp: 25744

Ion Ratio Lower Upper

96 100

61 118.5 96.2 144.4

98 66.0 51.6 77.4



#22

Diisopropyl ether

Concen: 19.290 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion: 45 Resp: 57790

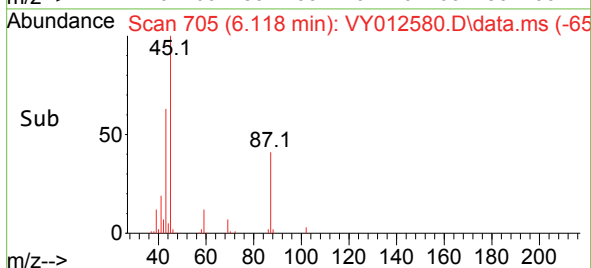
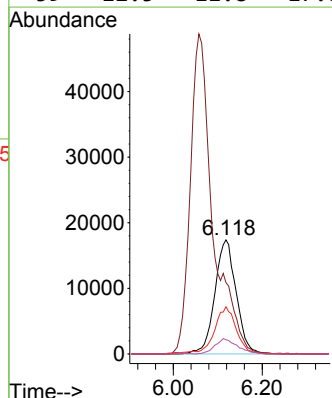
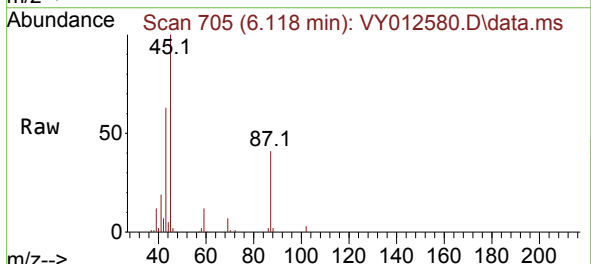
Ion Ratio Lower Upper

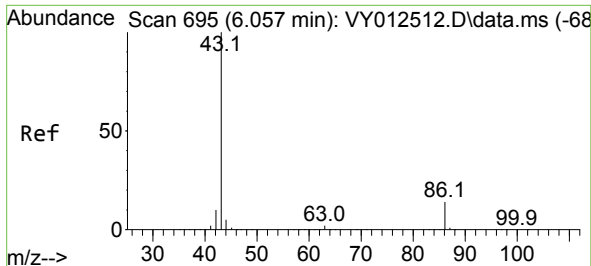
45 100

43 61.9 45.9 68.9

87 41.4 32.2 48.4

59 12.5 11.8 17.8

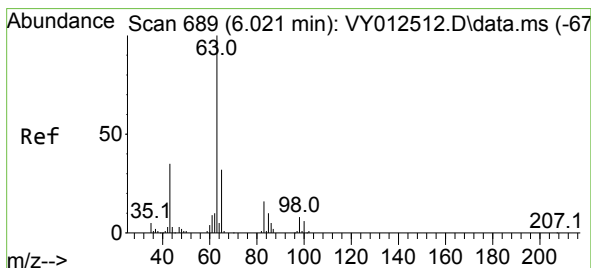
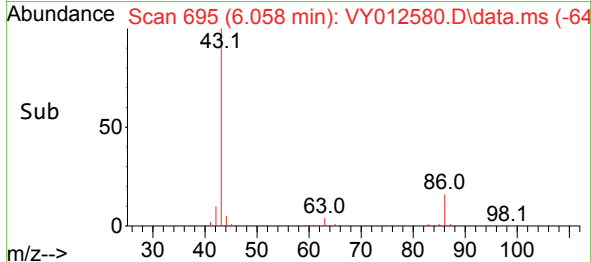
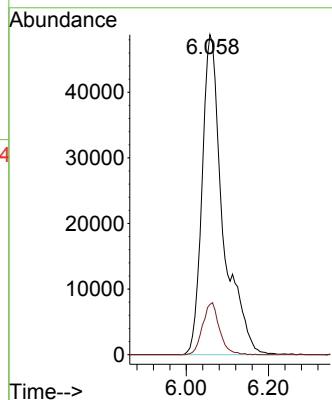
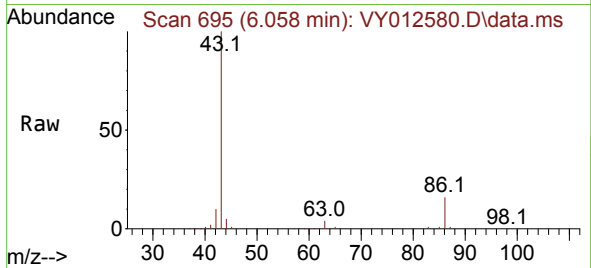




#23
 Vinyl Acetate
 Concen: 95.259 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

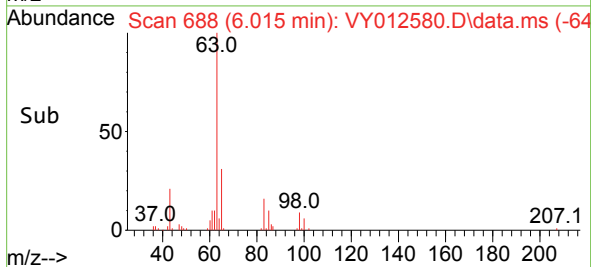
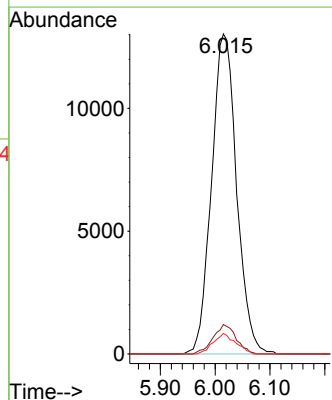
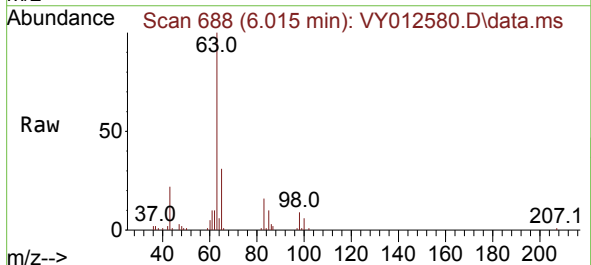
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

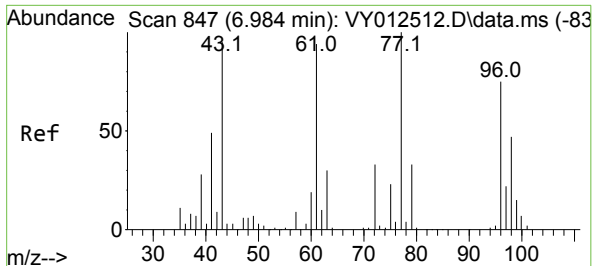
Tgt Ion: 43 Resp: 172039
 Ion Ratio Lower Upper
 43 100
 86 15.7 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 19.318 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

Tgt Ion: 63 Resp: 41372
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.1 12.3
 100 6.4 2.9 8.8





#25

2-Butanone

Concen: 88.689 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

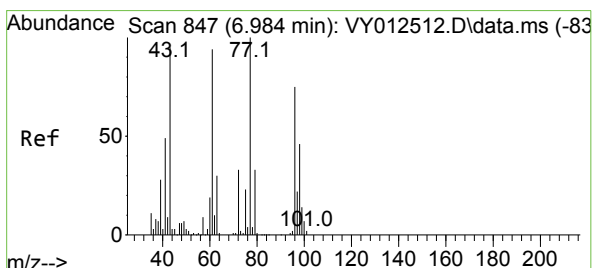
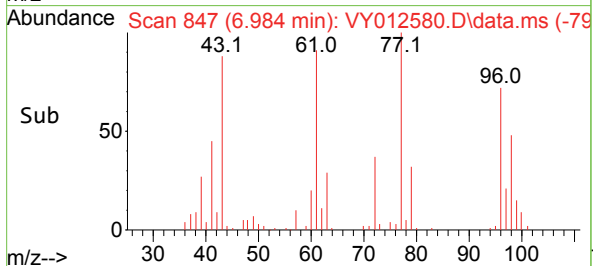
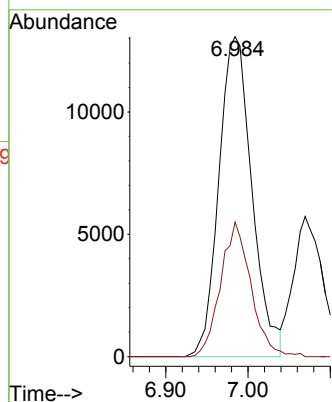
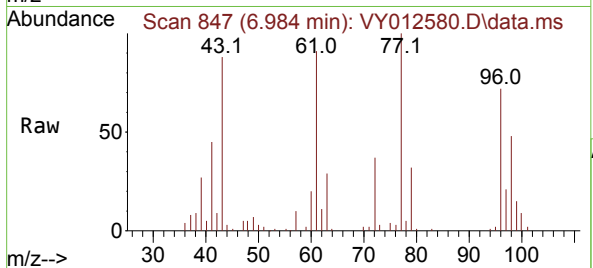
VY0214SBSD01

Tgt Ion: 43 Resp: 36556

Ion Ratio Lower Upper

43 100

72 42.1 27.4 41.2#



#26

2,2-Dichloropropane

Concen: 19.996 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012580.D

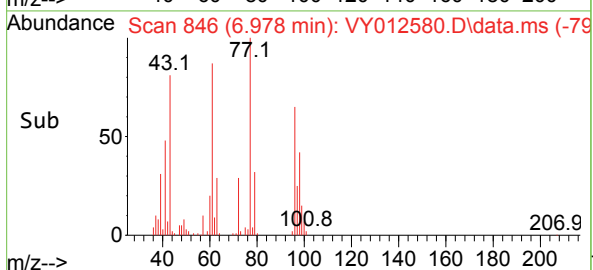
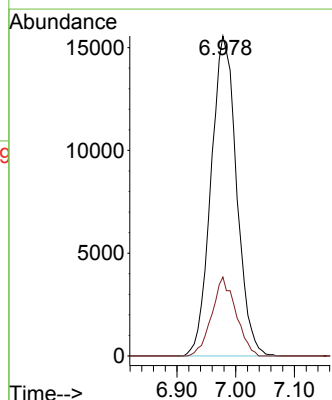
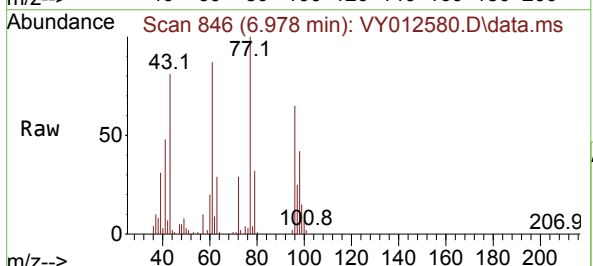
Acq: 14 Feb 2023 11:35

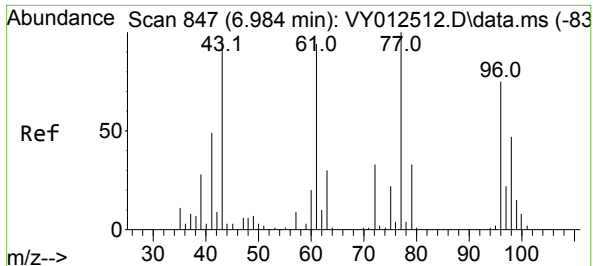
Tgt Ion: 77 Resp: 47051

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.444 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

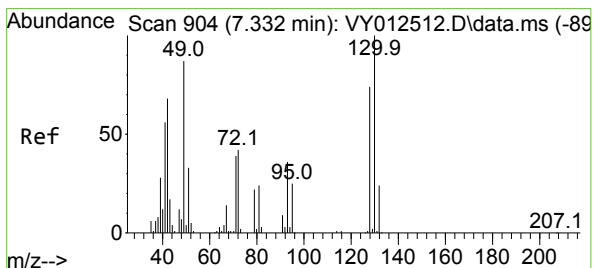
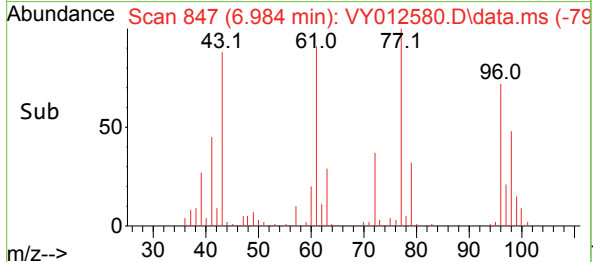
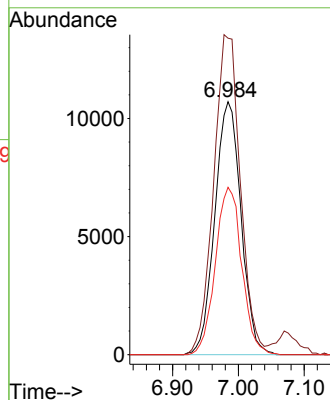
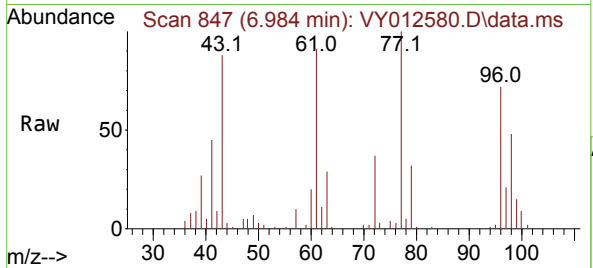
Tgt Ion: 96 Resp: 29736

Ion Ratio Lower Upper

96 100

61 128.7 0.0 259.2

98 66.6 0.0 129.0



#28

Bromochloromethane

Concen: 19.167 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

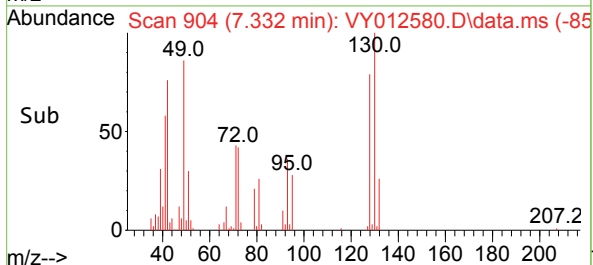
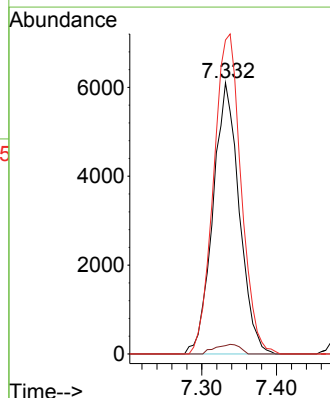
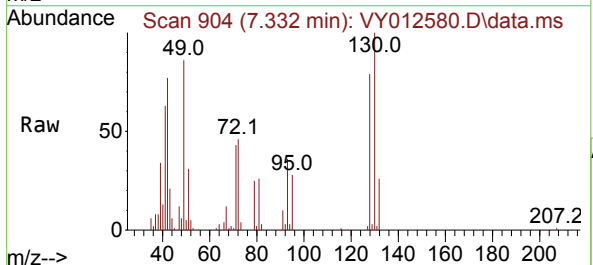
Tgt Ion: 49 Resp: 14921

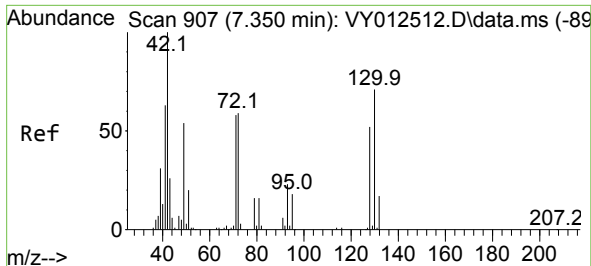
Ion Ratio Lower Upper

49 100

129 3.4 0.0 6.0

130 123.4 93.1 139.7





#29

Tetrahydrofuran

Concen: 92.464 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

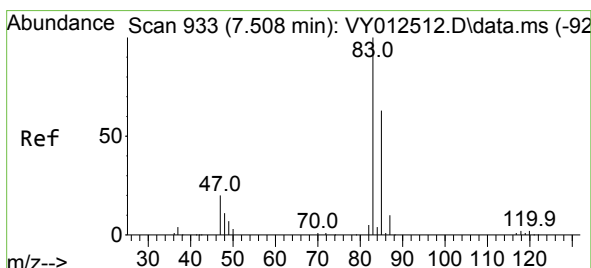
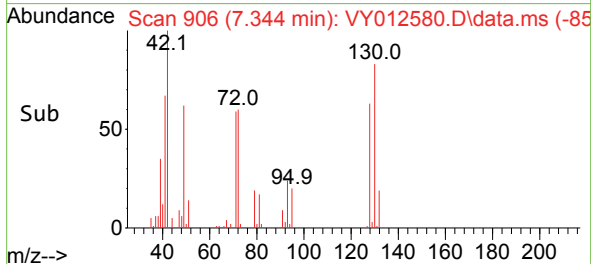
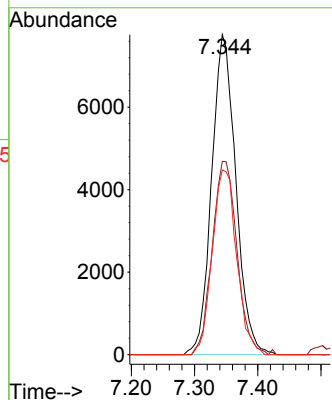
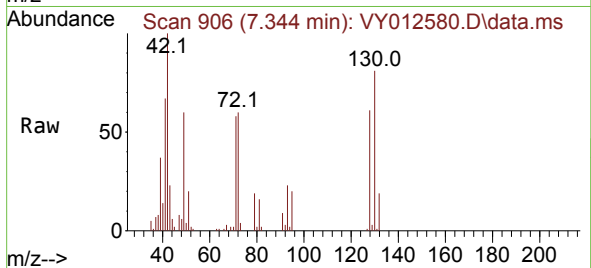
Tgt Ion: 42 Resp: 20604

Ion Ratio Lower Upper

42 100

72 61.8 47.0 70.6

71 58.3 44.6 66.8



#30

Chloroform

Concen: 20.313 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012580.D

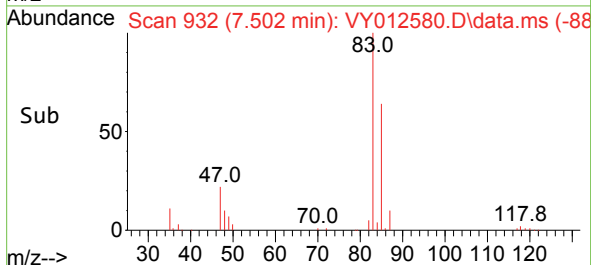
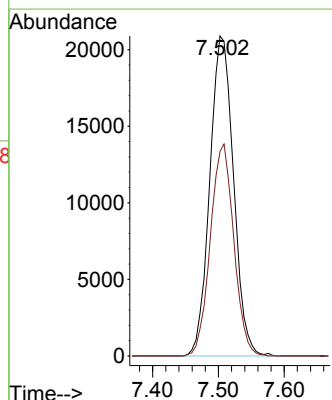
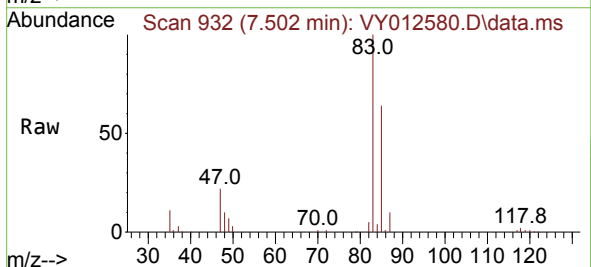
Acq: 14 Feb 2023 11:35

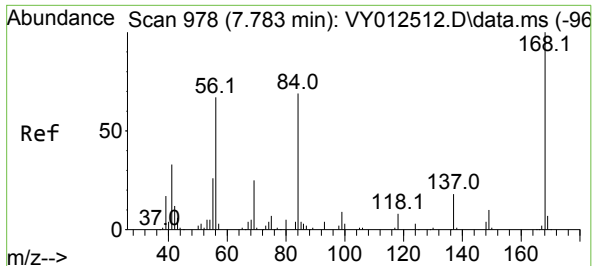
Tgt Ion: 83 Resp: 52449

Ion Ratio Lower Upper

83 100

85 64.0 50.8 76.2

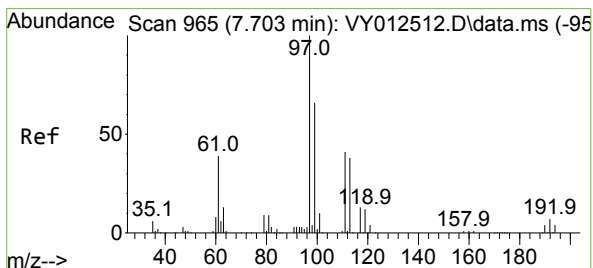
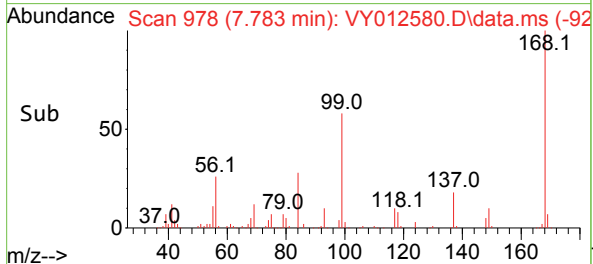
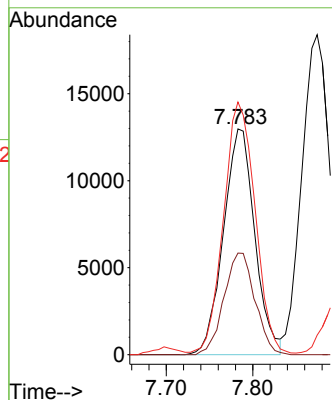
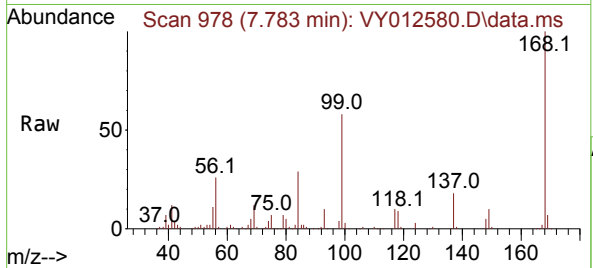




#31
Cyclohexane
Concen: 18.333 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

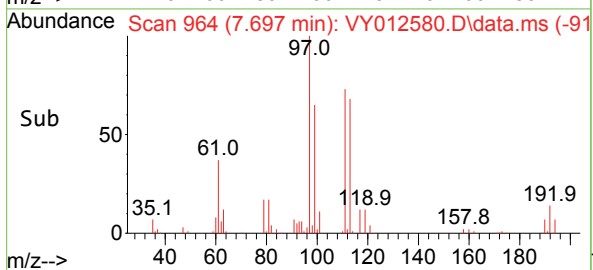
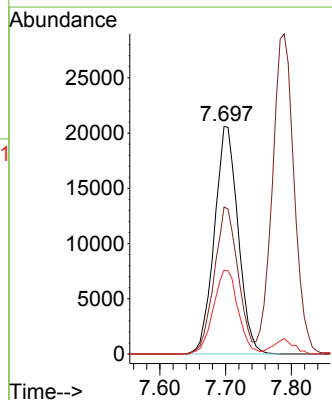
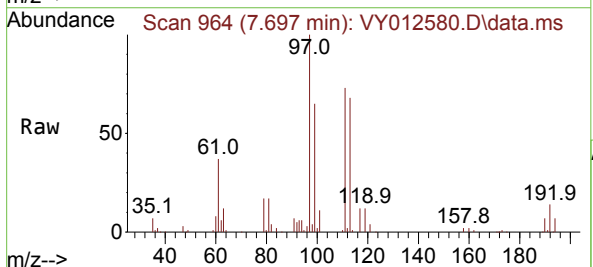
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

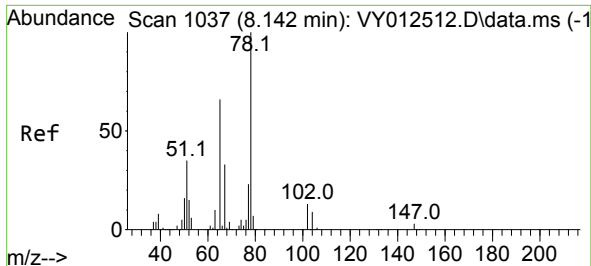
Tgt Ion: 56 Resp: 32717
Ion Ratio Lower Upper
56 100
69 45.0 29.5 44.3#
84 110.2 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 20.613 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 97 Resp: 51648
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 38.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.460 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

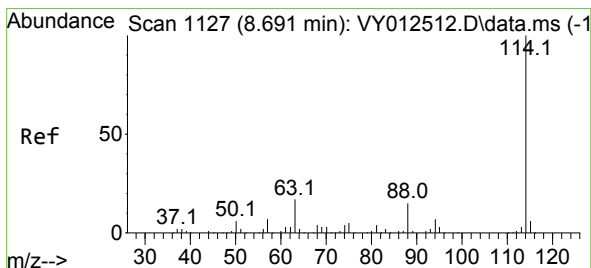
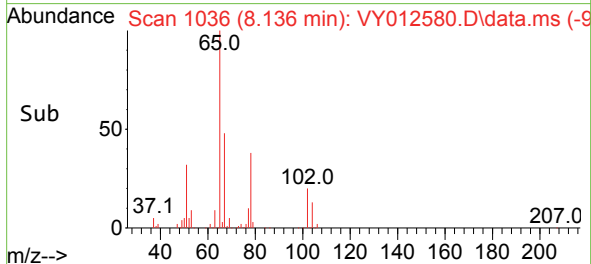
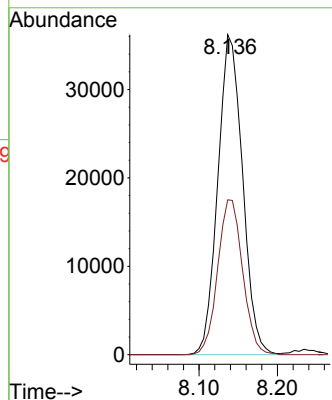
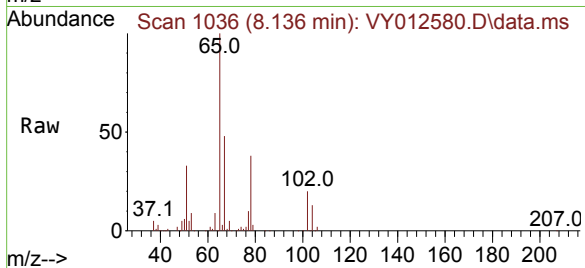
VY0214SBSD01

Tgt Ion: 65 Resp: 79429

Ion Ratio Lower Upper

65 100

67 48.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

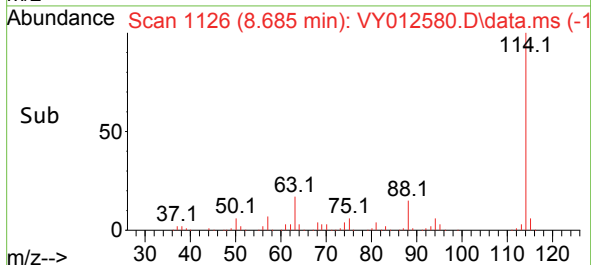
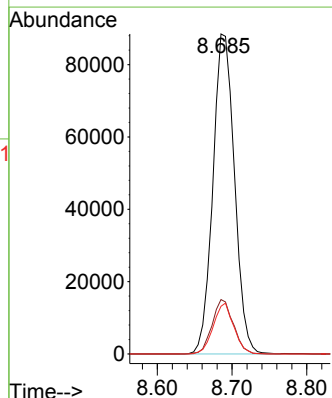
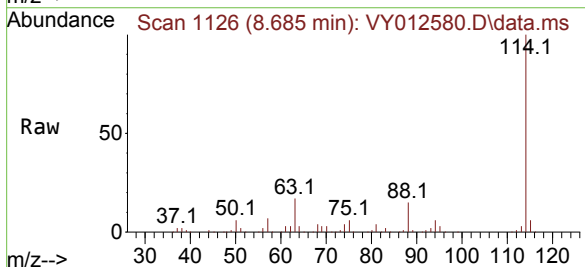
Tgt Ion: 114 Resp: 177795

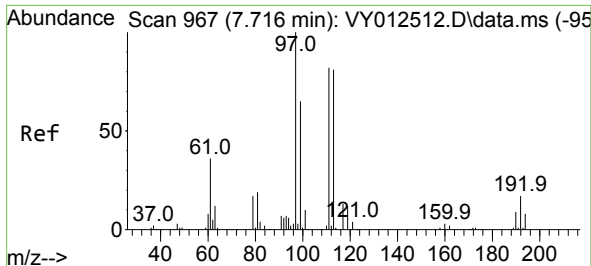
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 14.9 0.0 29.8

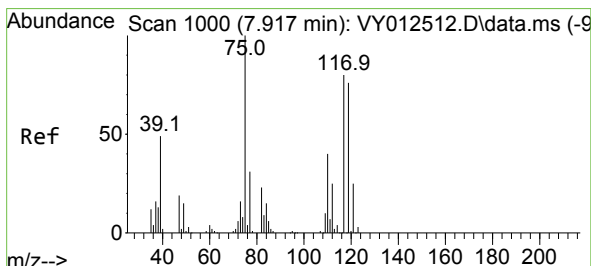
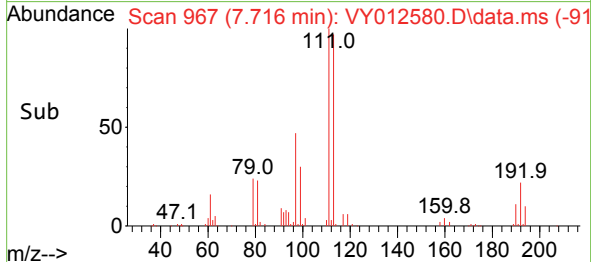
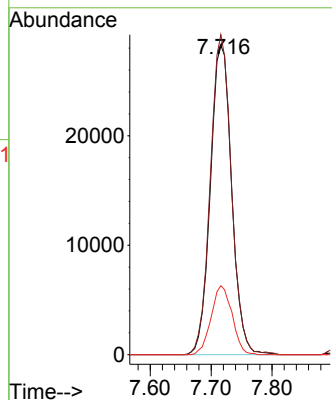
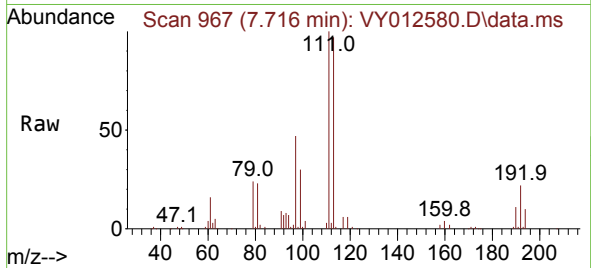




#35
 Dibromofluoromethane
 Concen: 52.938 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

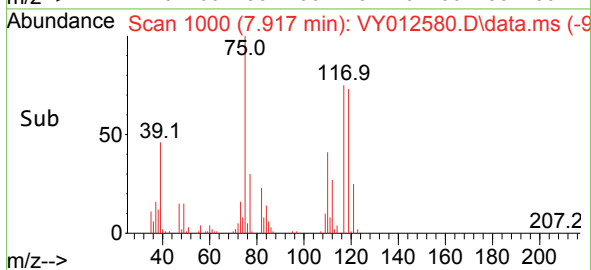
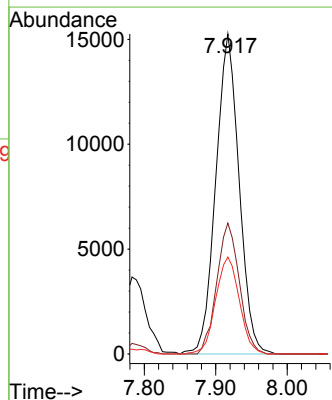
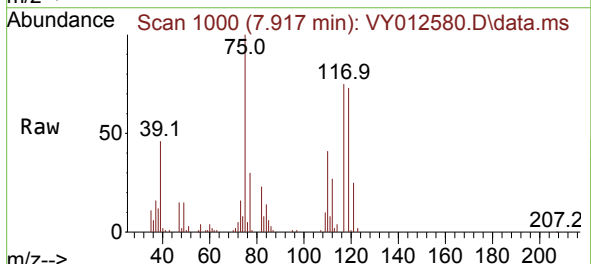
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBSD01

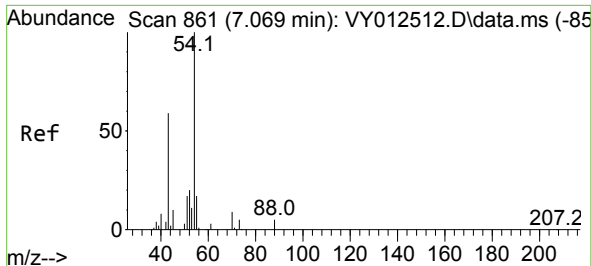
Tgt Ion:113 Resp: 68545
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 22.0 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 19.699 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

Tgt Ion: 75 Resp: 34521
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.5 58.5
 77 30.8 24.9 37.3

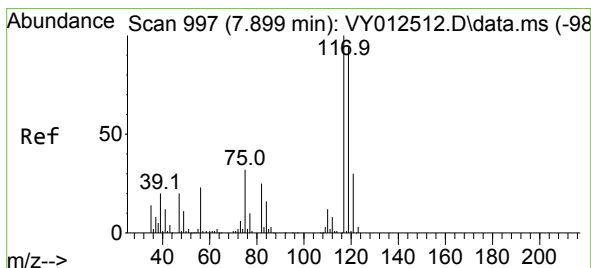
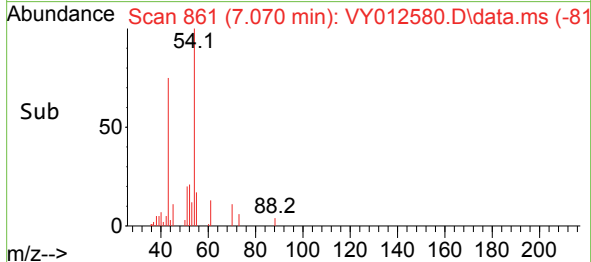
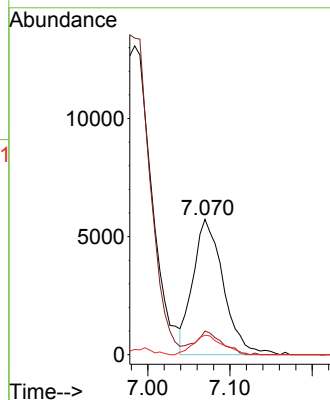
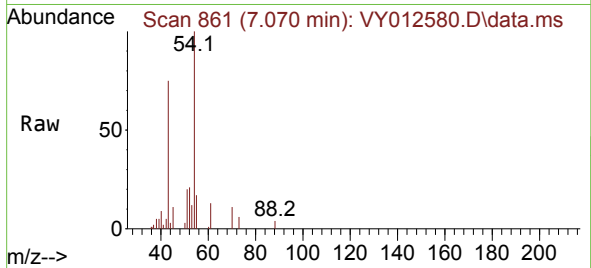




#37
Ethyl Acetate
Concen: 18.603 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

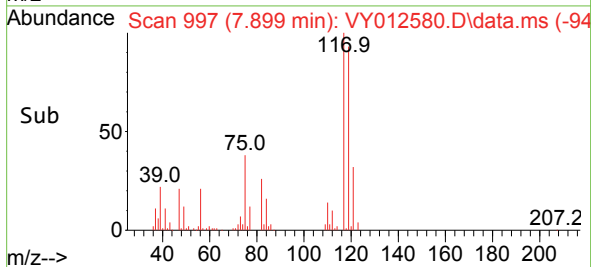
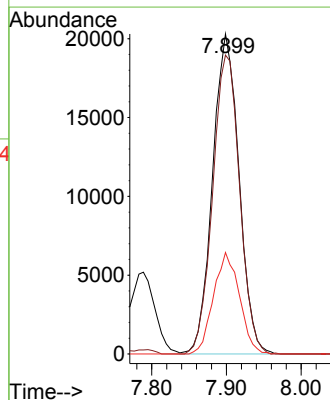
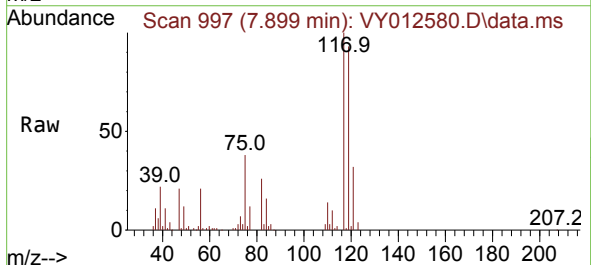
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

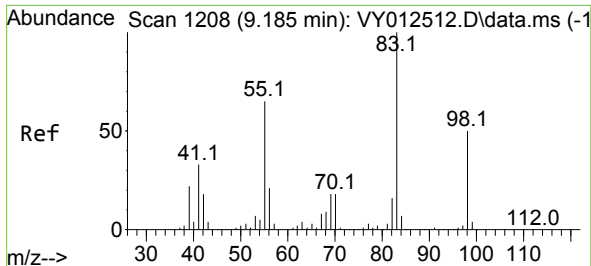
Tgt Ion: 43 Resp: 14710
Ion Ratio Lower Upper
43 100
61 15.1 12.5 18.7
70 13.9 11.0 16.4



#38
Carbon Tetrachloride
Concen: 21.223 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 117 Resp: 49924
Ion Ratio Lower Upper
117 100
119 93.4 75.1 112.7
121 31.7 24.3 36.5





#39

Methylcyclohexane

Concen: 19.395 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

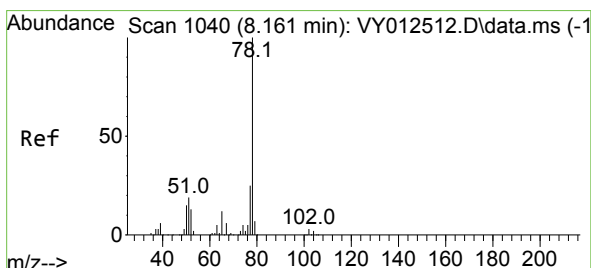
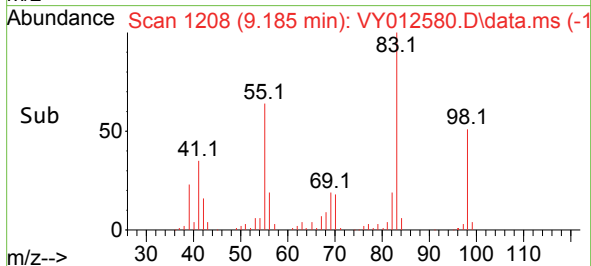
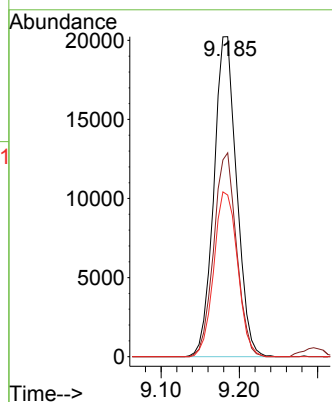
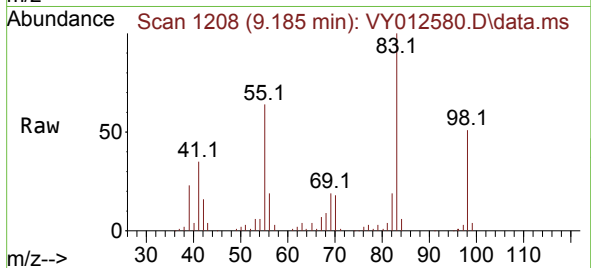
Tgt Ion: 83 Resp: 40897

Ion Ratio Lower Upper

83 100

55 63.7 52.0 78.0

98 50.5 40.4 60.6



#40

Benzene

Concen: 19.986 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012580.D

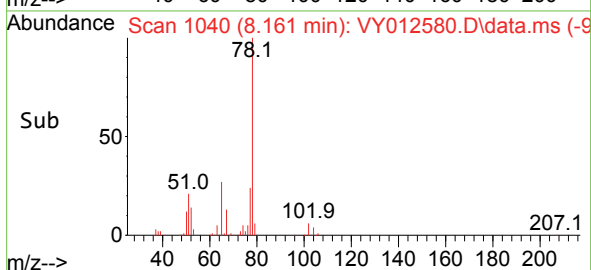
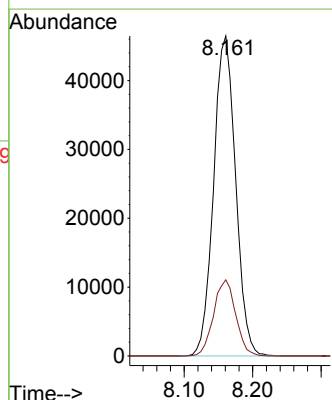
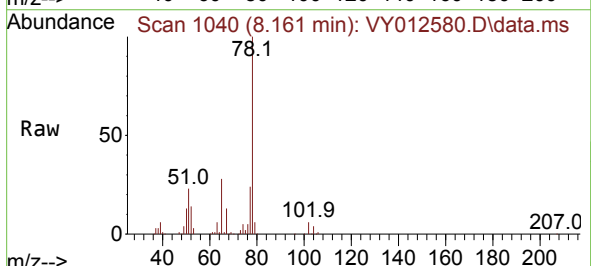
Acq: 14 Feb 2023 11:35

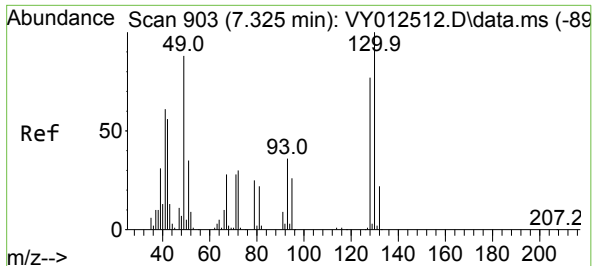
Tgt Ion: 78 Resp: 103443

Ion Ratio Lower Upper

78 100

77 23.8 19.9 29.9

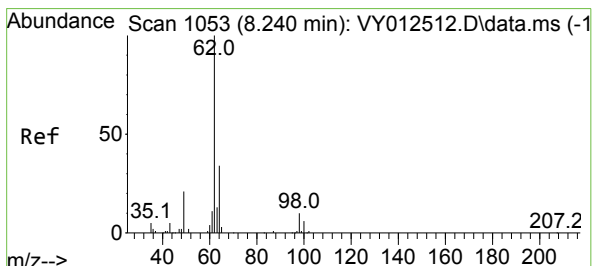
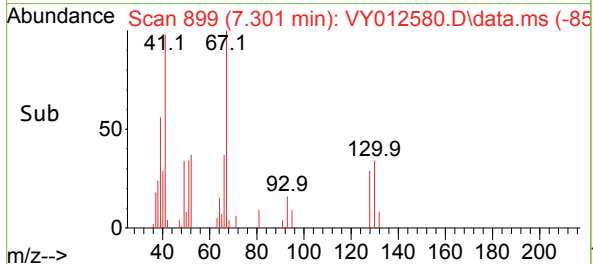
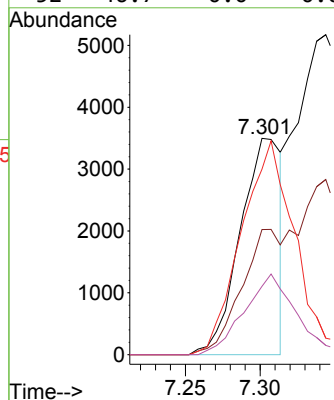
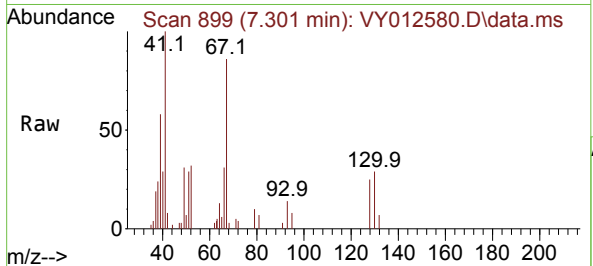




#41
Methacrylonitrile
Concen: 15.445 ug/l
RT: 7.301 min Scan# 89
Delta R.T. -0.024 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

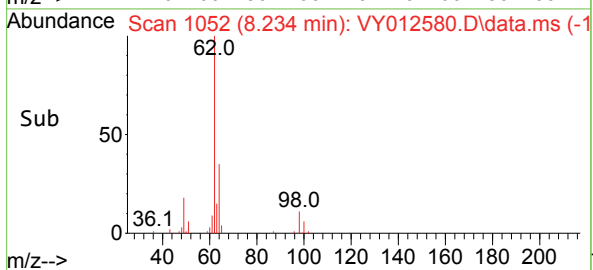
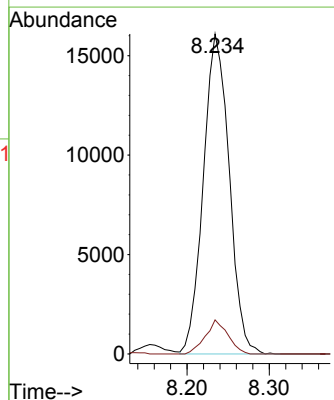
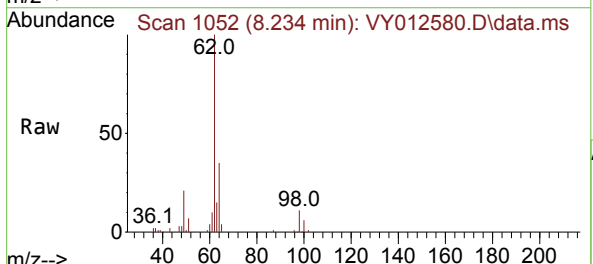
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

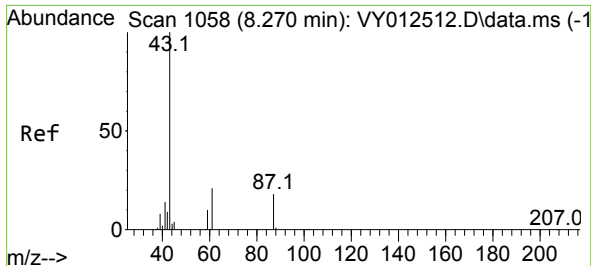
Tgt Ion:	41	Resp:	6691
Ion	Ratio	Lower	Upper
41	100		
39	55.7	0.0	0.0#
67	128.4	0.0	0.0#
52	46.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.972 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion:	62	Resp:	35182
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

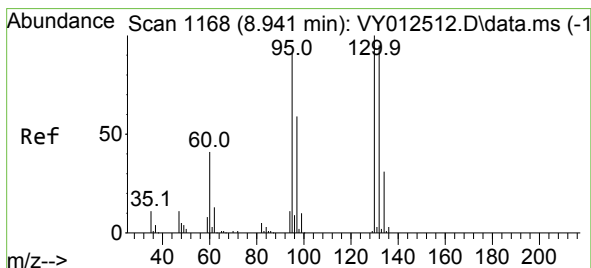
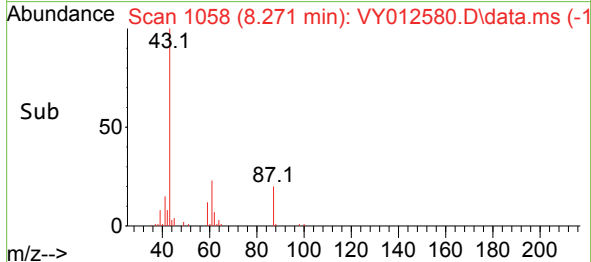
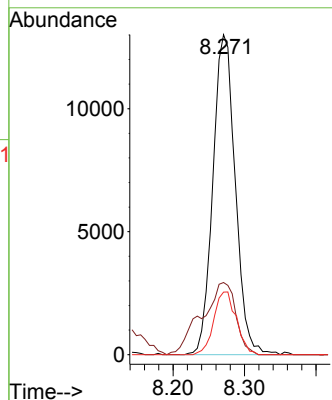
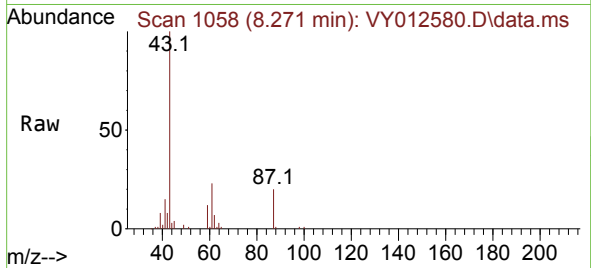




#43
Isopropyl Acetate
Concen: 19.274 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

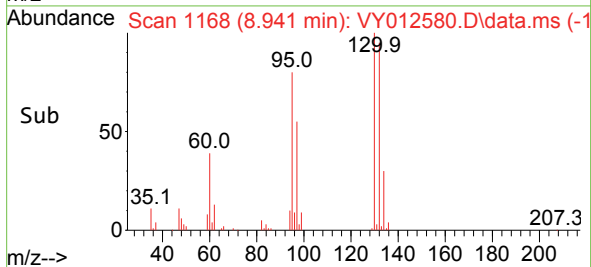
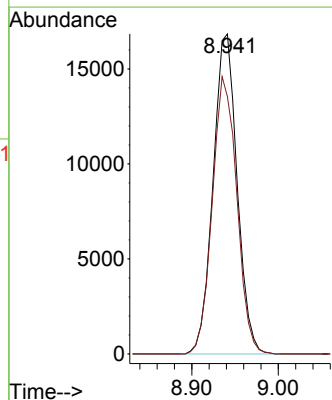
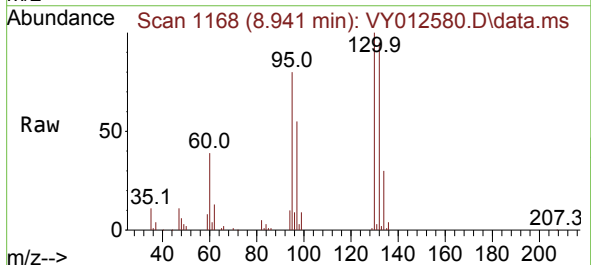
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

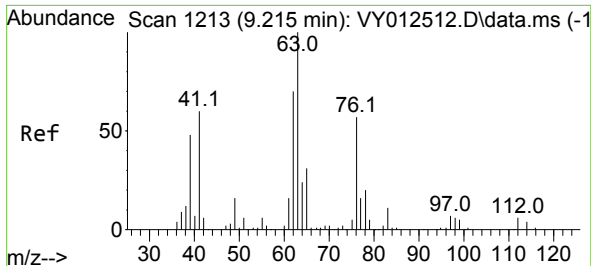
Tgt Ion:	43	Resp:	28258
Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.2	40.8
87	19.8	15.0	22.4



#44
Trichloroethene
Concen: 20.606 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion:	130	Resp:	32467
Ion	Ratio	Lower	Upper
130	100		
95	80.4	0.0	181.2

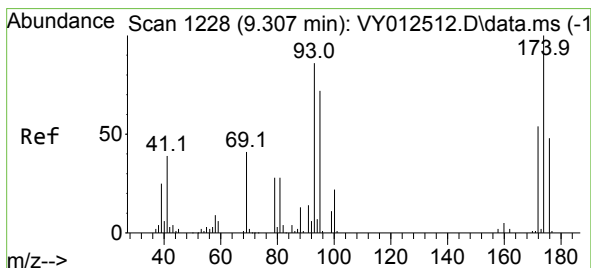
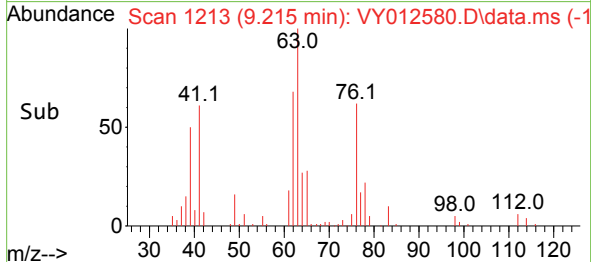
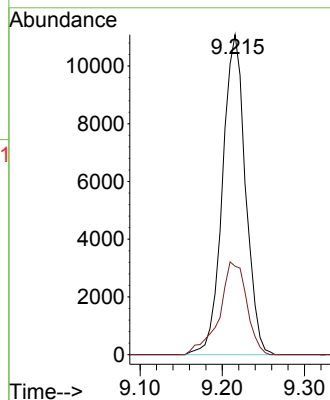
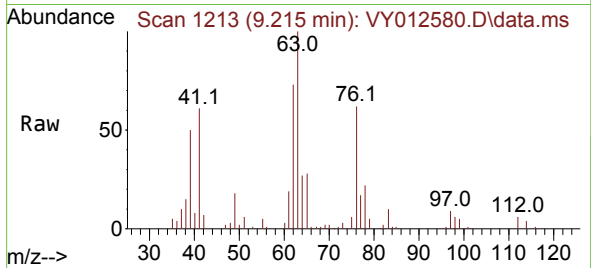




#45
1,2-Dichloropropane
Concen: 19.211 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

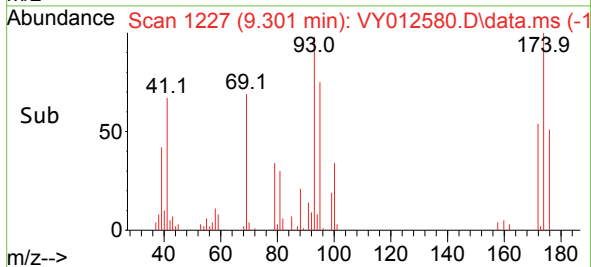
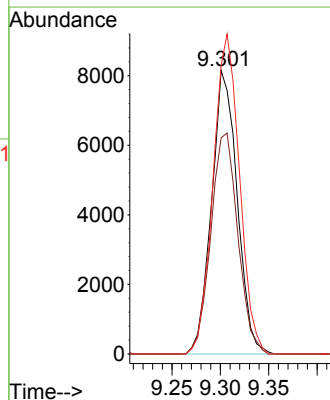
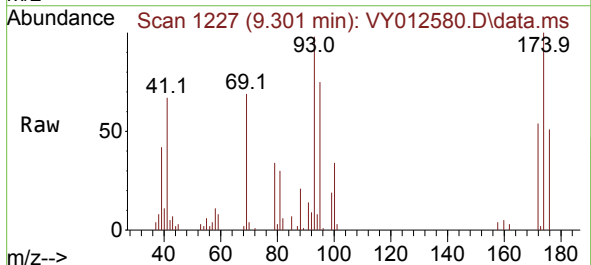
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

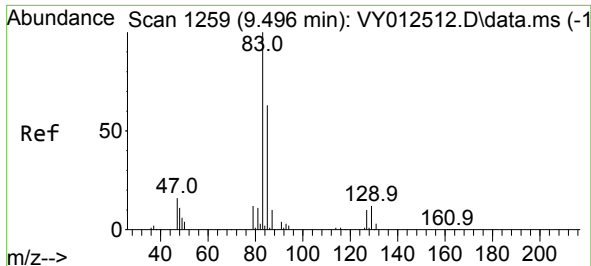
Tgt Ion: 63 Resp: 21561
Ion Ratio Lower Upper
63 100
65 27.7 24.6 37.0



#46
Dibromomethane
Concen: 20.157 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 93 Resp: 14979
Ion Ratio Lower Upper
93 100
95 82.1 65.8 98.8
174 115.7 93.4 140.2

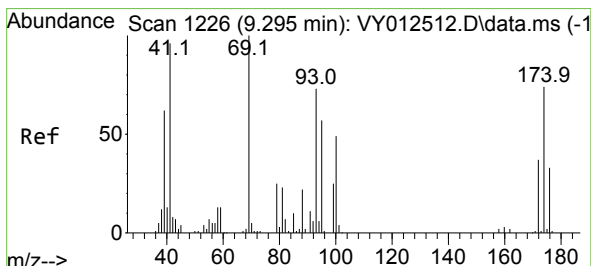
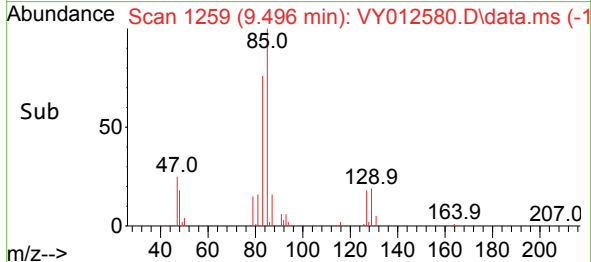
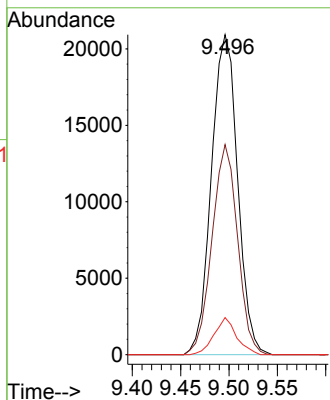
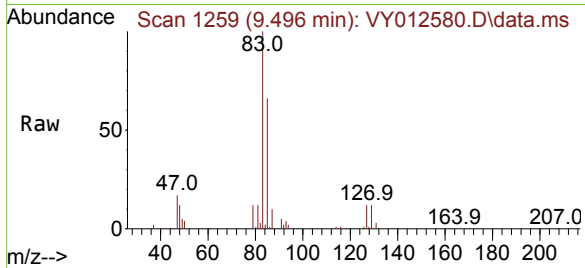




#47
Bromodichloromethane
Concen: 20.458 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

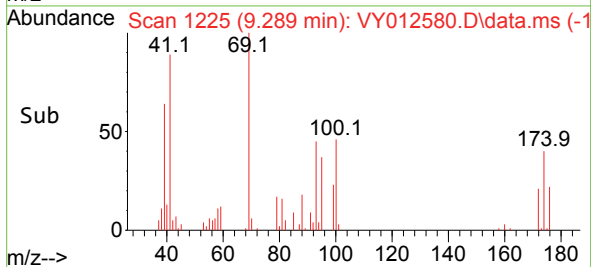
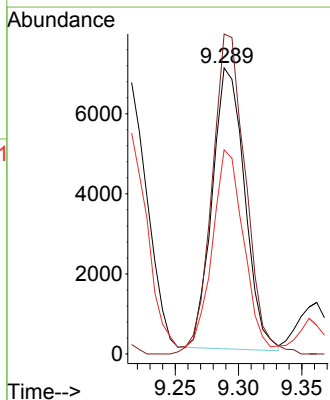
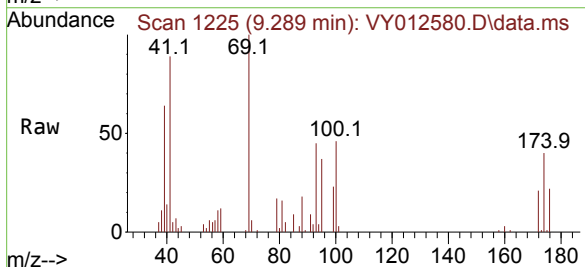
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

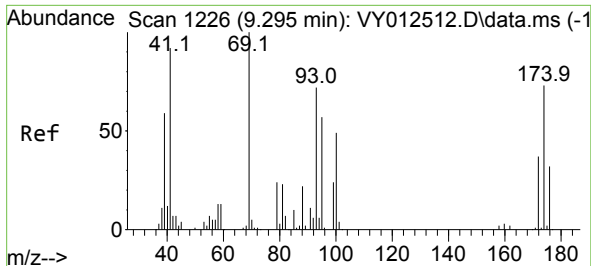
Tgt Ion: 83 Resp: 39420
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1
127 11.6 8.1 12.1



#48
Methyl methacrylate
Concen: 18.692 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 41 Resp: 12526
Ion Ratio Lower Upper
41 100
69 117.3 85.4 128.2
39 72.0 52.7 79.1





#49

1,4-Dioxane

Concen: 397.521 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

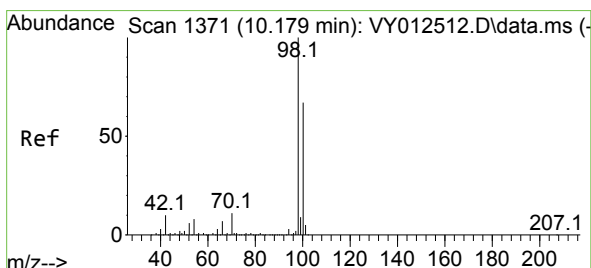
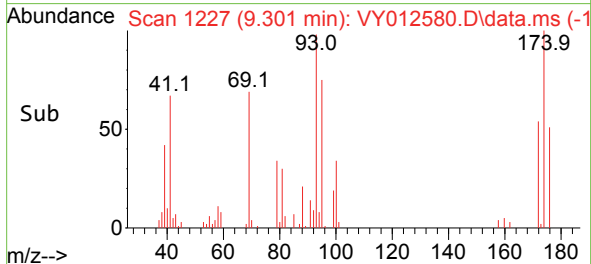
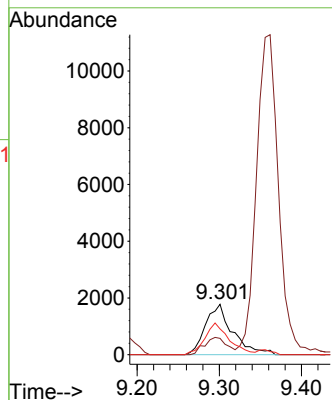
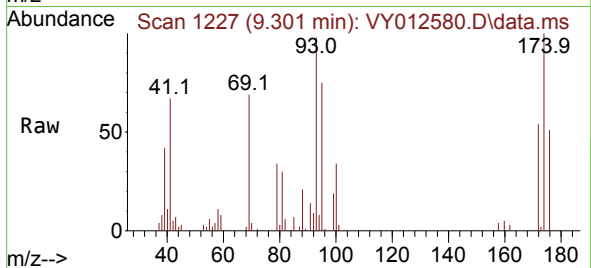
Tgt Ion: 88 Resp: 4078

Ion Ratio Lower Upper

88 100

43 28.7 22.6 33.8

58 56.4 45.4 68.0



#50

Toluene-d8

Concen: 52.317 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012580.D

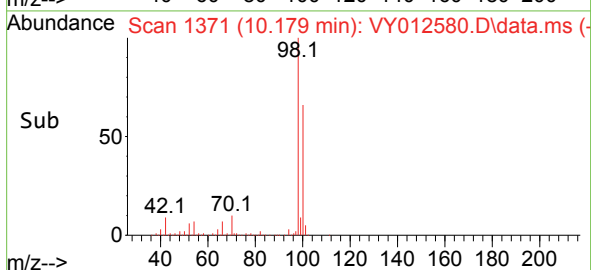
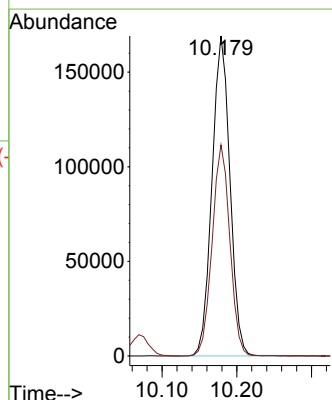
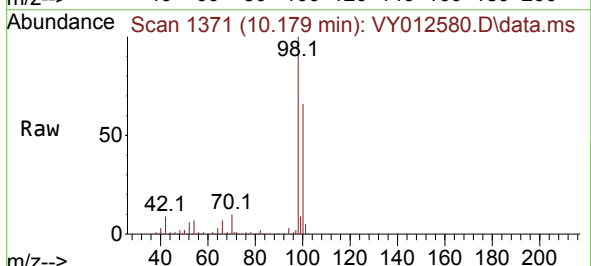
Acq: 14 Feb 2023 11:35

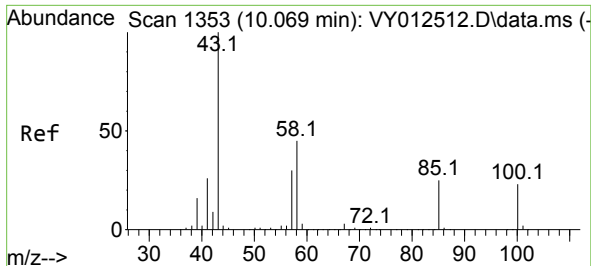
Tgt Ion: 98 Resp: 281958

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

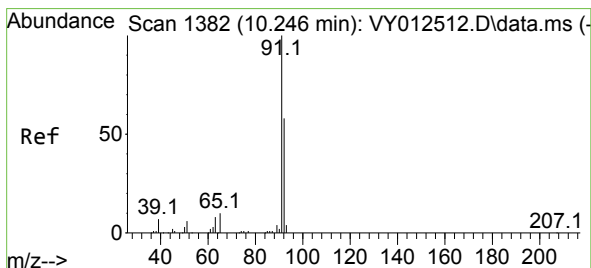
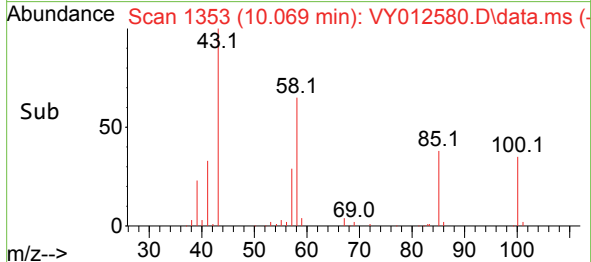
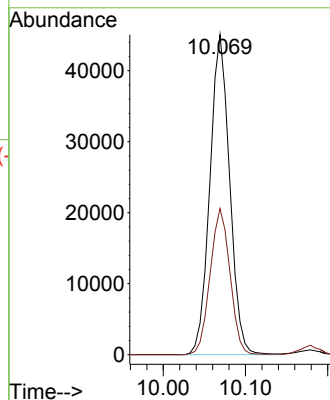
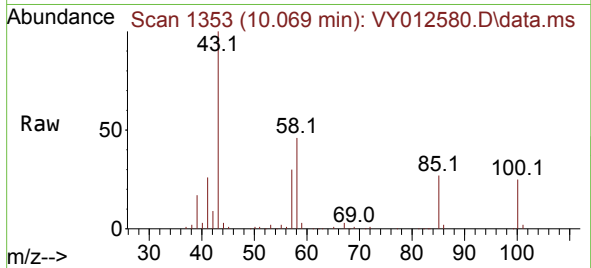




#51
4-Methyl-2-Pentanone
Concen: 95.340 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

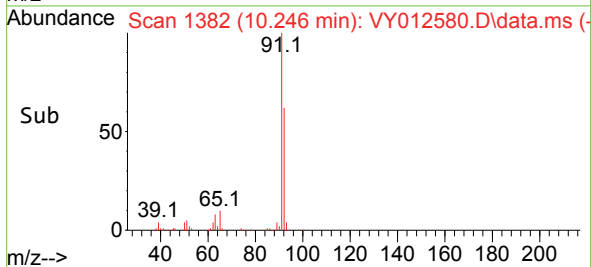
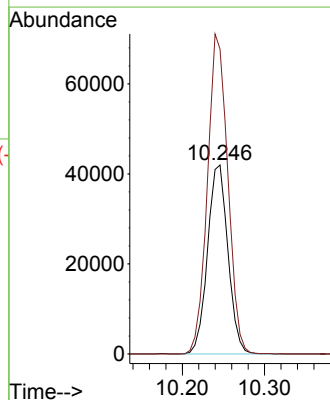
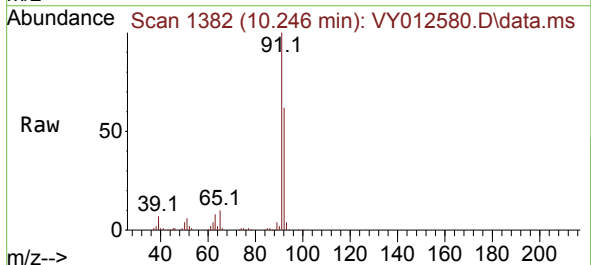
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

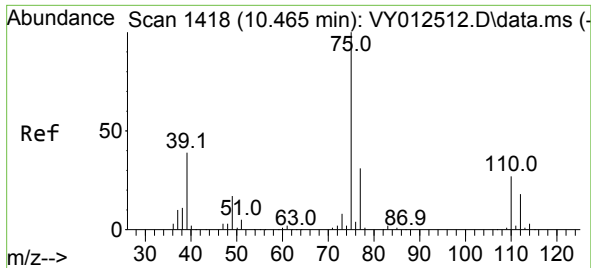
Tgt Ion: 43 Resp: 75414
Ion Ratio Lower Upper
43 100
58 45.8 36.2 54.2



#52
Toluene
Concen: 20.607 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 92 Resp: 72329
Ion Ratio Lower Upper
92 100
91 169.2 137.2 205.8

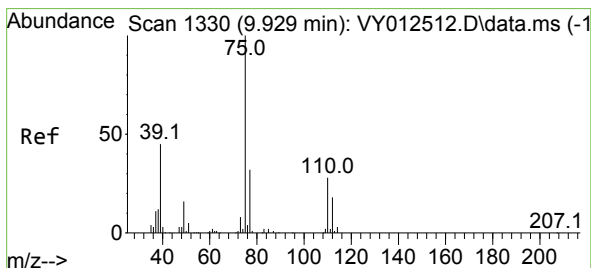
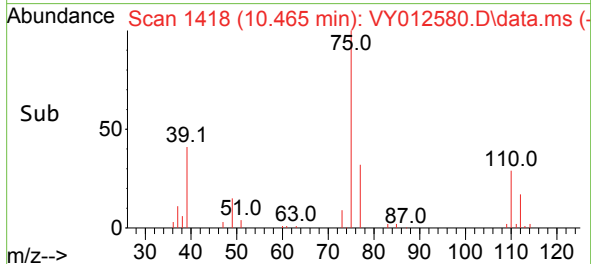
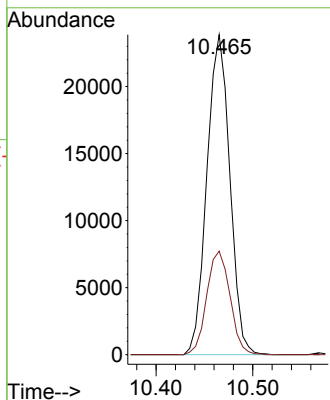
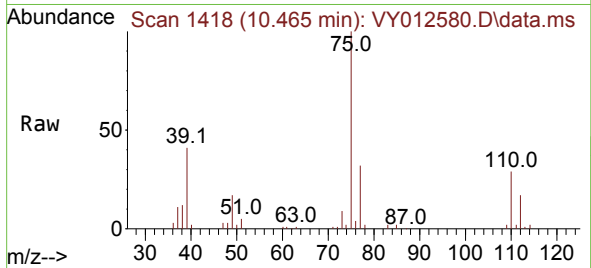




#53
 t-1,3-Dichloropropene
 Concen: 20.262 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

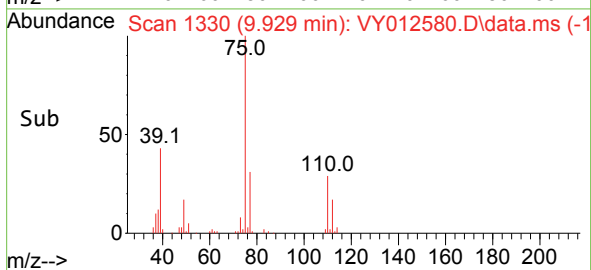
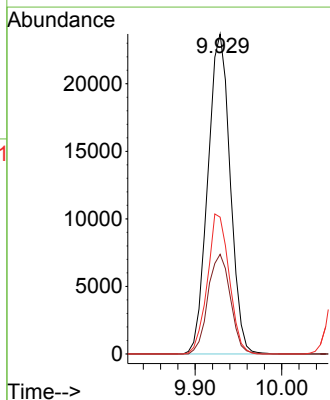
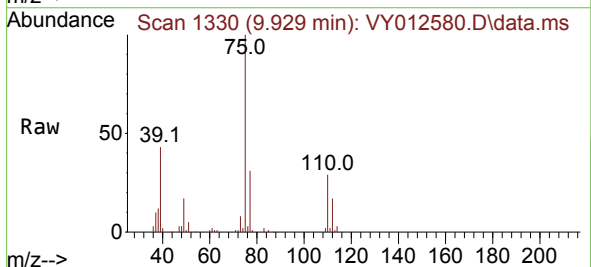
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBSD01

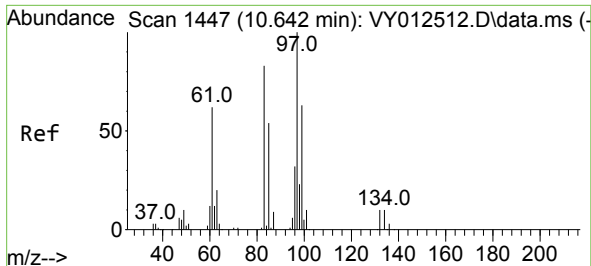
Tgt Ion: 75 Resp: 39341
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.162 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

Tgt Ion: 75 Resp: 42363
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 42.7 36.0 54.0

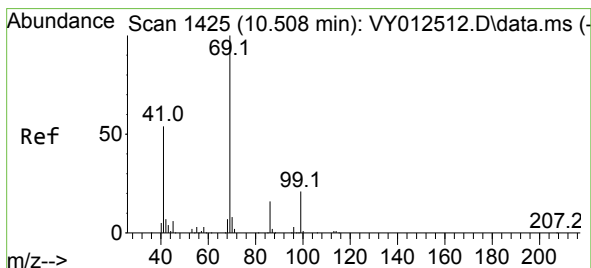
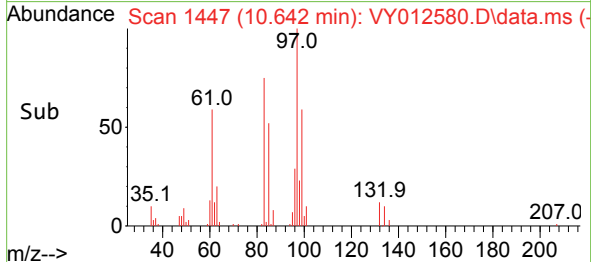
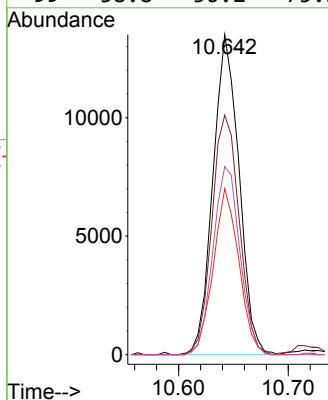
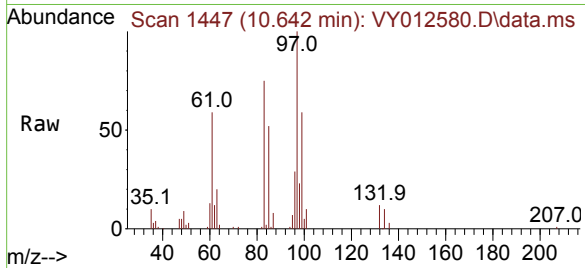




#55
1,1,2-Trichloroethane
Concen: 20.549 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

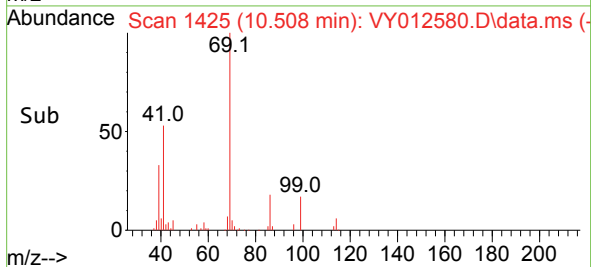
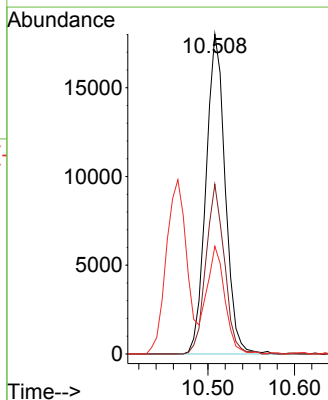
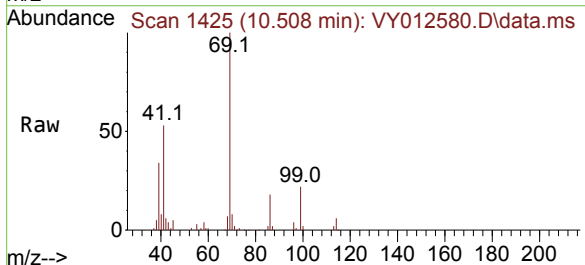
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

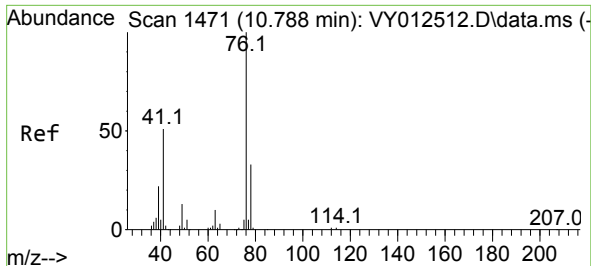
Tgt Ion: 97	Resp: 22313
Ion Ratio	Lower Upper
97 100	
83 74.9	66.0 99.0
85 51.9	43.1 64.7
99 58.8	50.2 75.2



#56
Ethyl methacrylate
Concen: 20.370 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 69	Resp: 27789
Ion Ratio	Lower Upper
69 100	
41 51.2	43.4 65.2
39 31.4	26.5 39.7





#57

1,3-Dichloropropane

Concen: 20.241 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

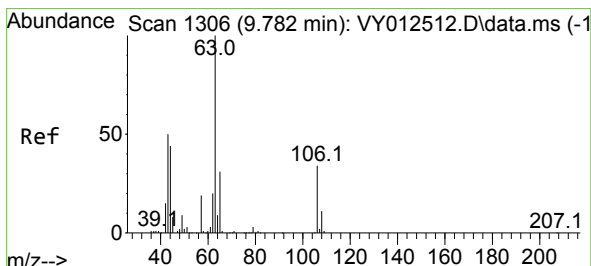
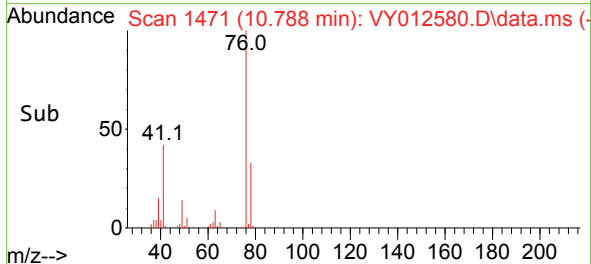
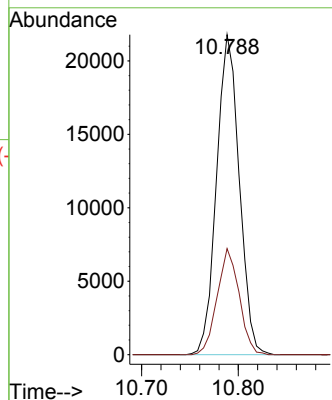
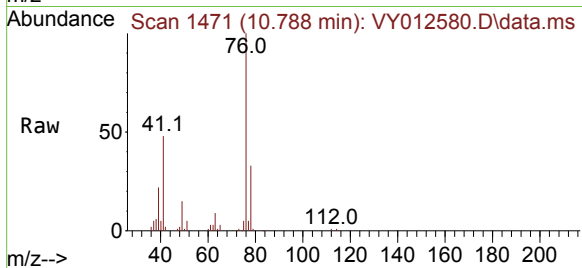
VY0214SBSD01

Tgt Ion: 76 Resp: 35471

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.723 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012580.D

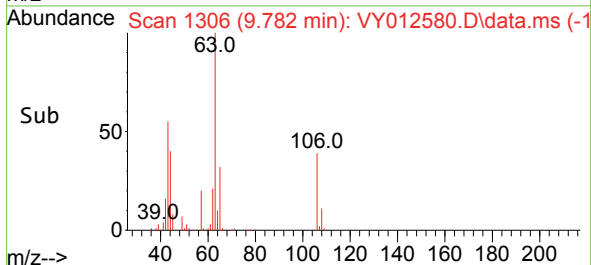
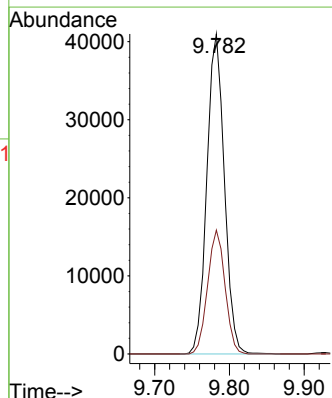
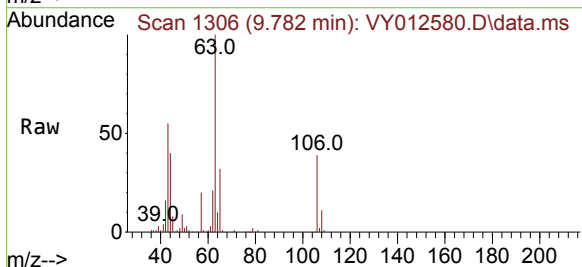
Acq: 14 Feb 2023 11:35

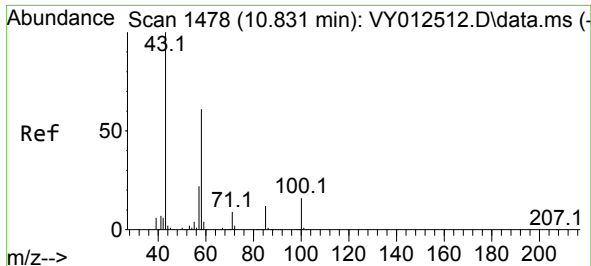
Tgt Ion: 63 Resp: 66668

Ion Ratio Lower Upper

63 100

106 38.5 28.0 42.0





#59

2-Hexanone

Concen: 93.957 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

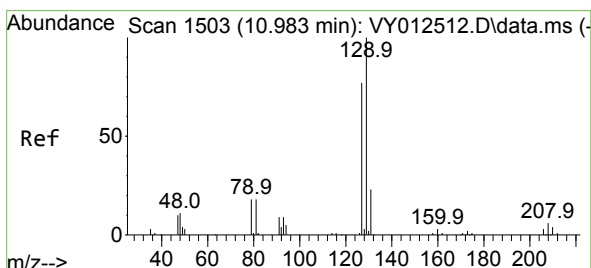
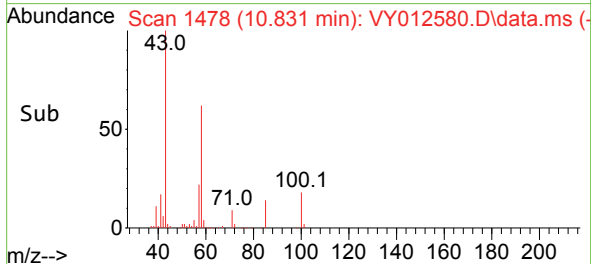
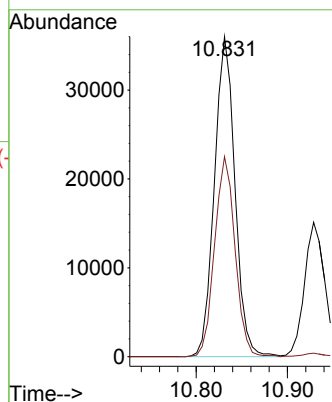
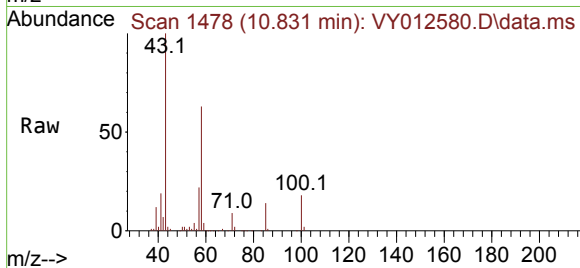
VY0214SBSD01

Tgt Ion: 43 Resp: 56165

Ion Ratio Lower Upper

43 100

58 62.3 30.9 92.5



#60

Dibromochloromethane

Concen: 20.488 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012580.D

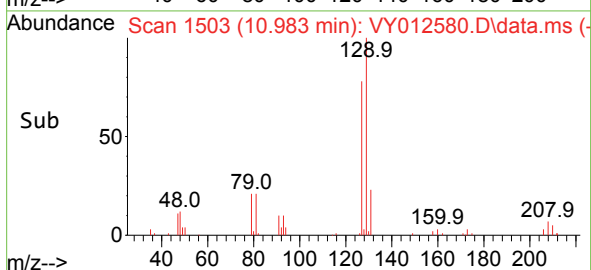
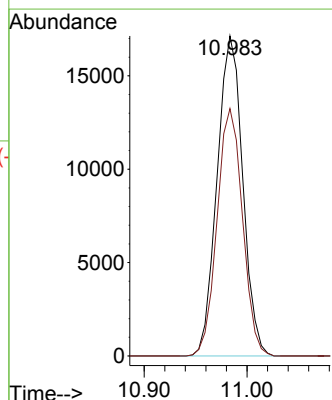
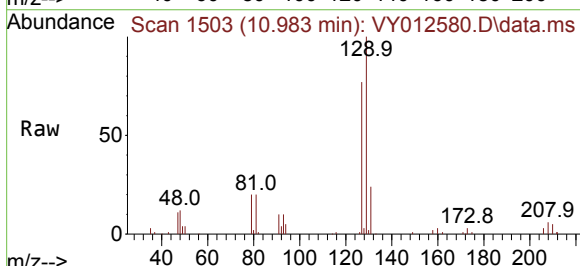
Acq: 14 Feb 2023 11:35

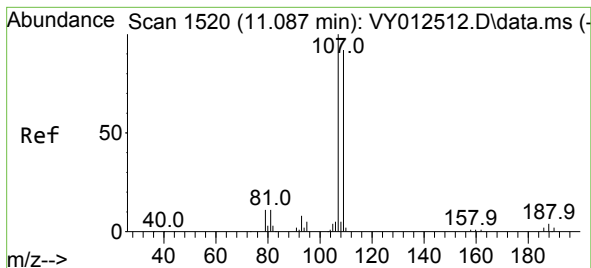
Tgt Ion: 129 Resp: 29655

Ion Ratio Lower Upper

129 100

127 76.7 38.0 114.1

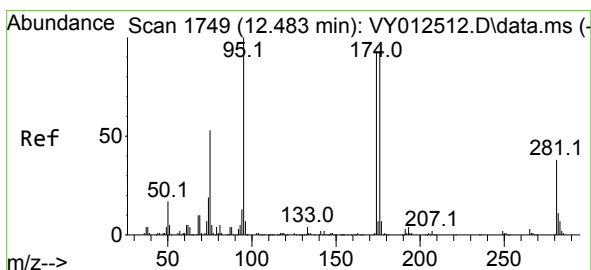
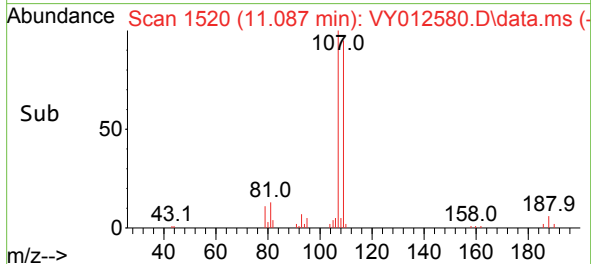
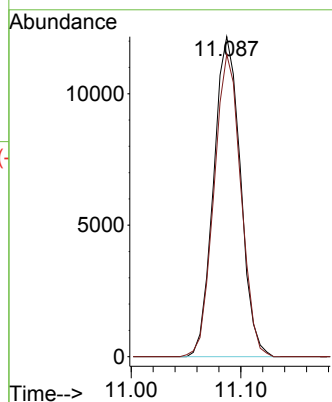
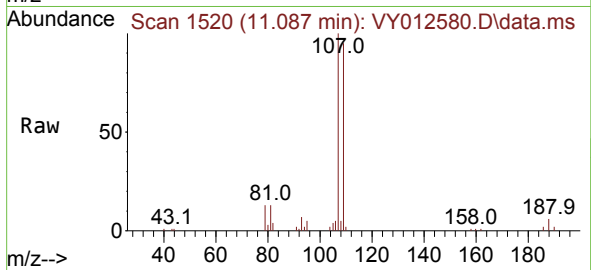




#61
1,2-Dibromoethane
Concen: 20.302 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

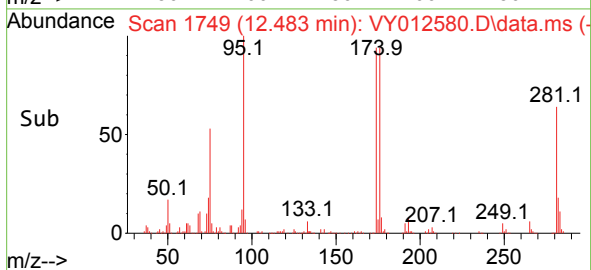
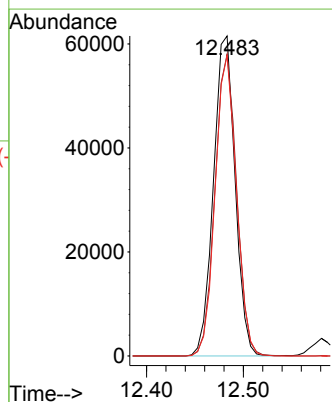
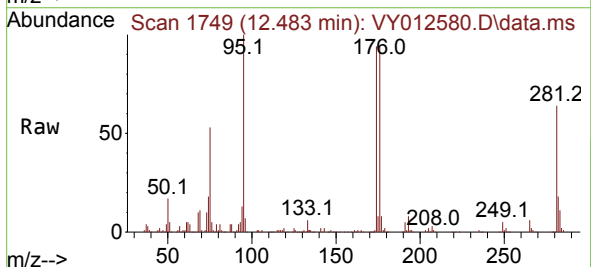
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

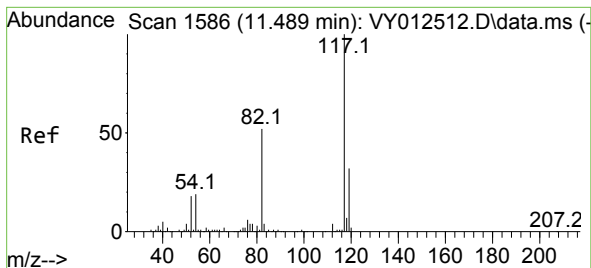
Tgt Ion:107 Resp: 20656
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 50.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 95 Resp: 95552
Ion Ratio Lower Upper
95 100
174 94.2 0.0 188.0
176 92.1 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

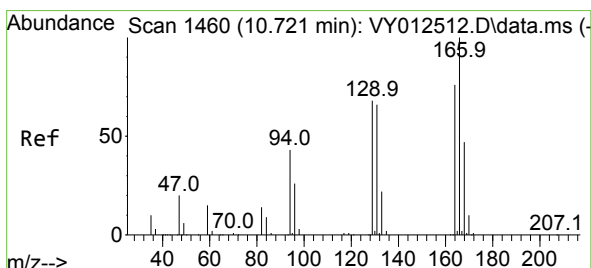
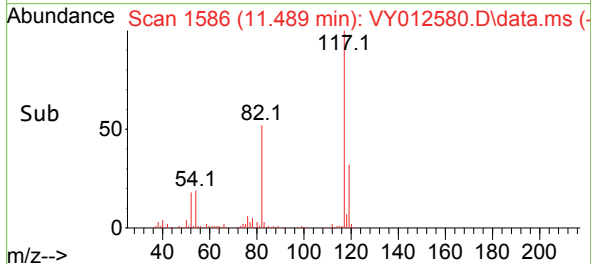
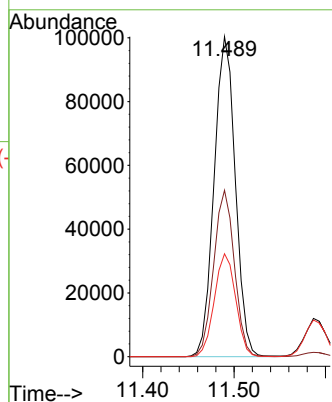
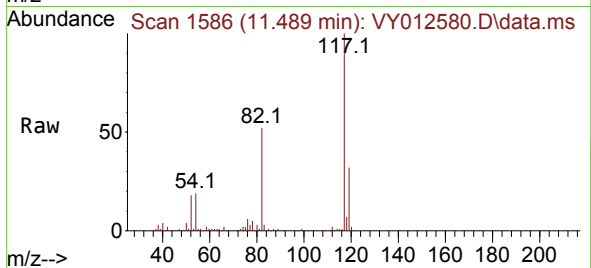
Tgt Ion:117 Resp: 162166

Ion Ratio Lower Upper

117 100

82 52.0 41.7 62.5

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 21.521 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion:164 Resp: 36436

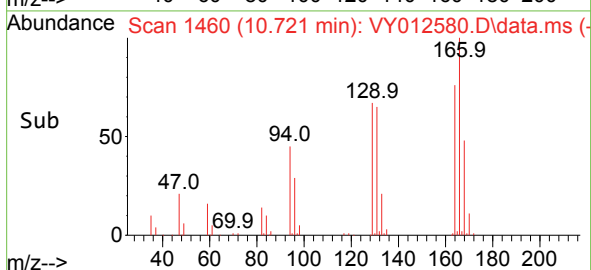
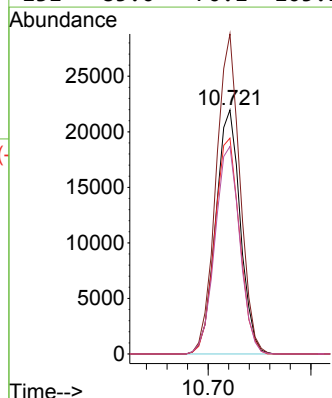
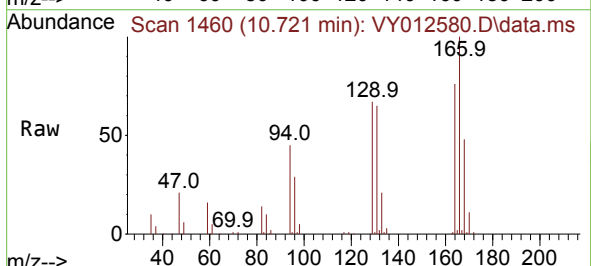
Ion Ratio Lower Upper

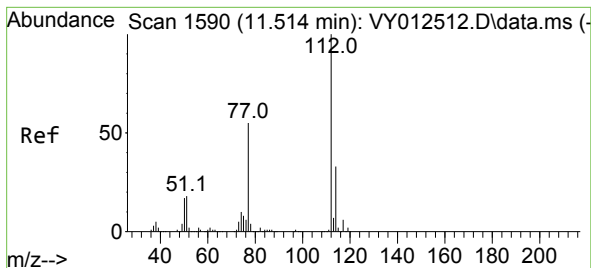
164 100

166 131.1 105.7 158.5

129 88.5 71.8 107.6

131 85.0 70.1 105.1





#65

Chlorobenzene

Concen: 20.758 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

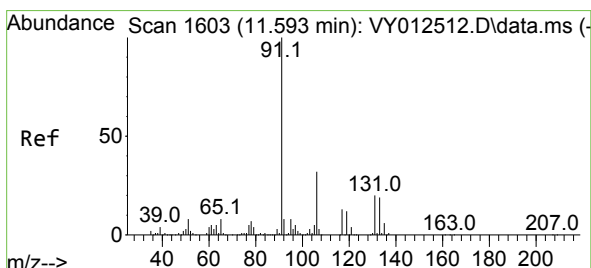
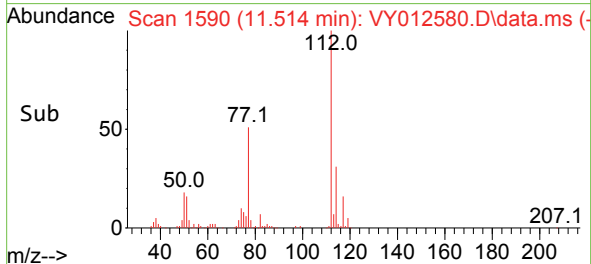
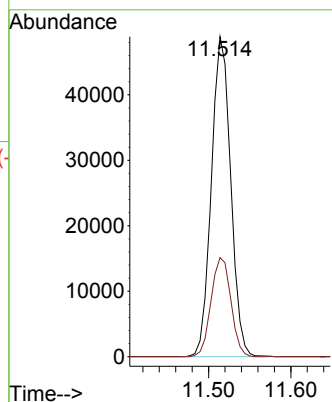
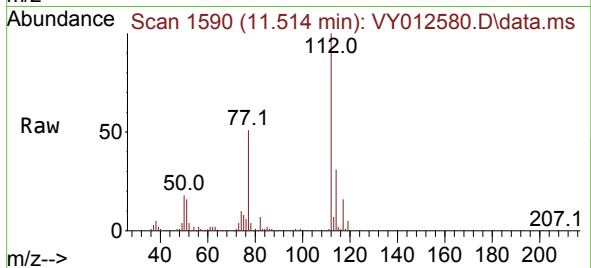
VY0214SBSD01

Tgt Ion:112 Resp: 79841

Ion Ratio Lower Upper

112 100

114 30.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.106 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

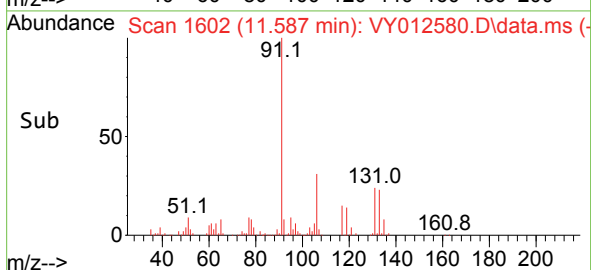
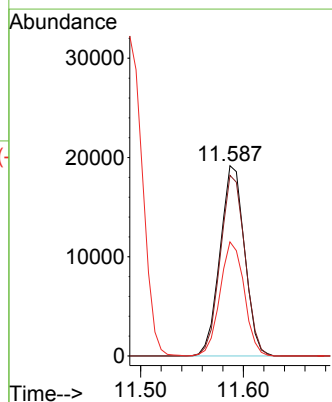
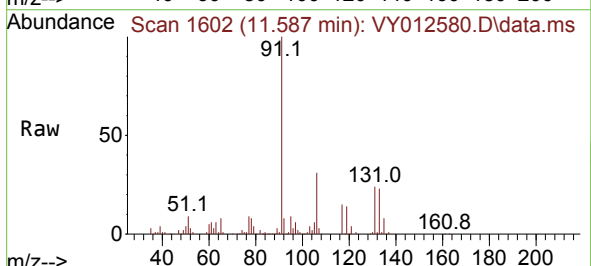
Tgt Ion:131 Resp: 31812

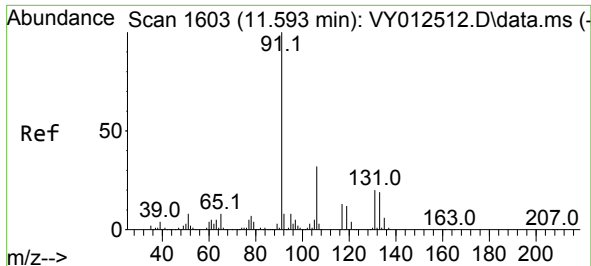
Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.5

119 59.1 30.7 92.1

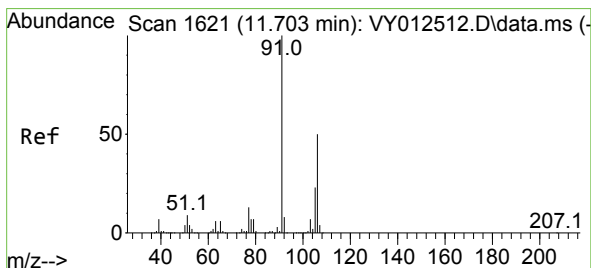
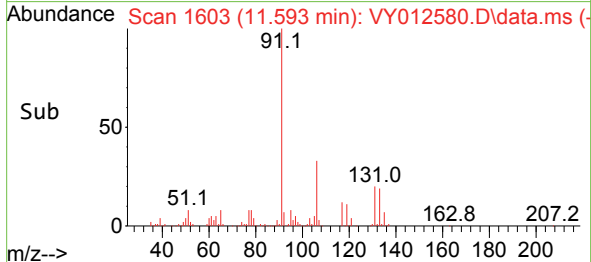
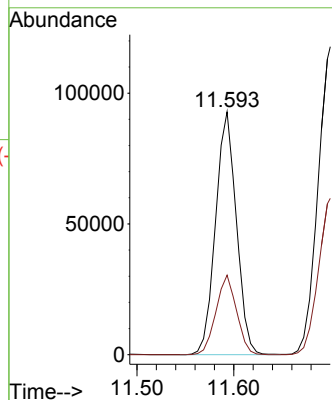
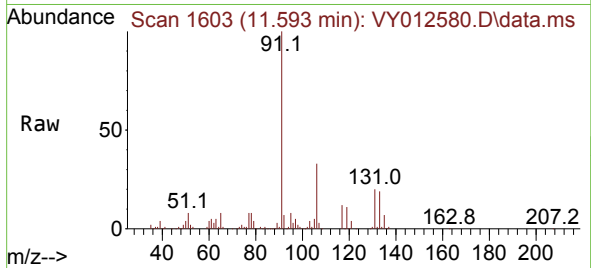




#67
Ethyl Benzene
Concen: 20.531 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

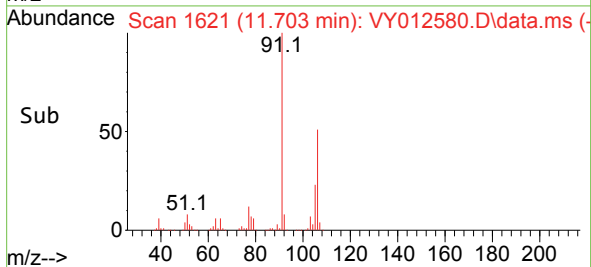
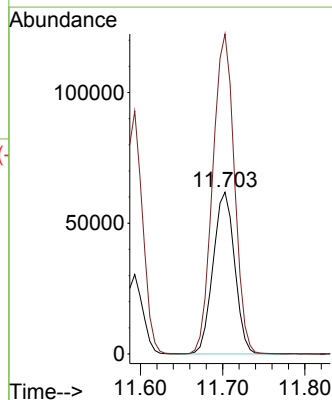
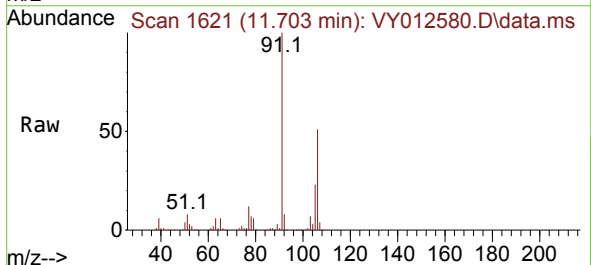
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

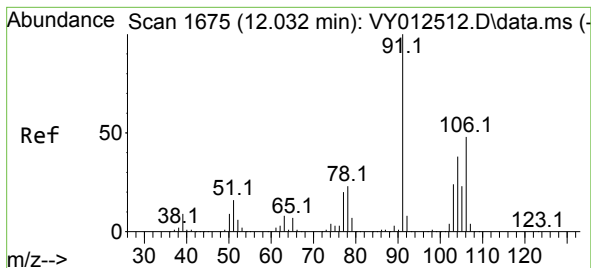
Tgt Ion: 91 Resp: 138635
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 41.819 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 106 Resp: 112715
Ion Ratio Lower Upper
106 100
91 198.6 160.3 240.5

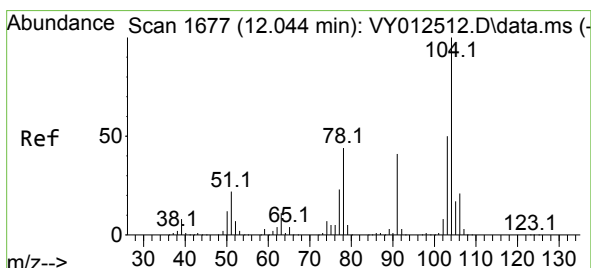
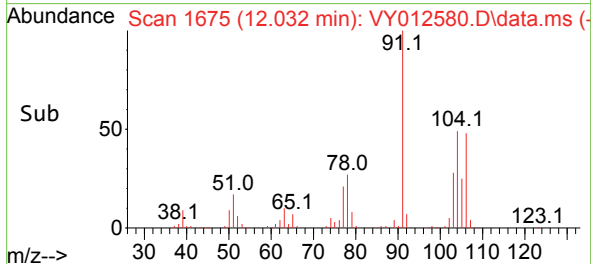
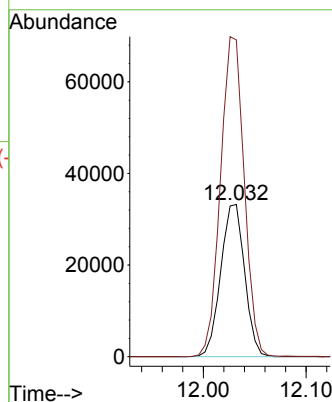
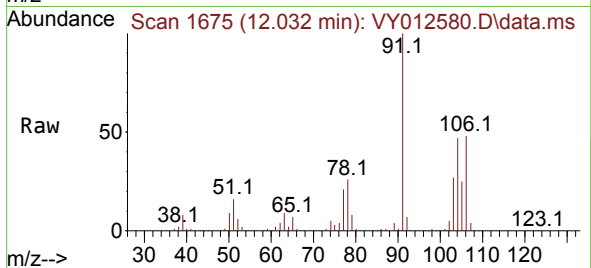




#69
o-Xylene
Concen: 20.869 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

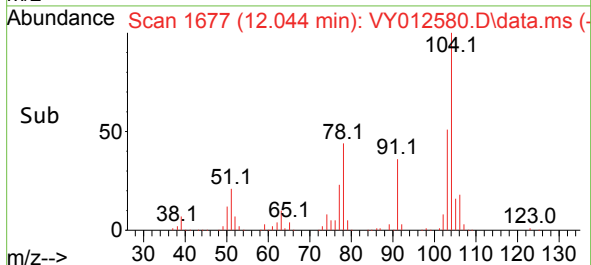
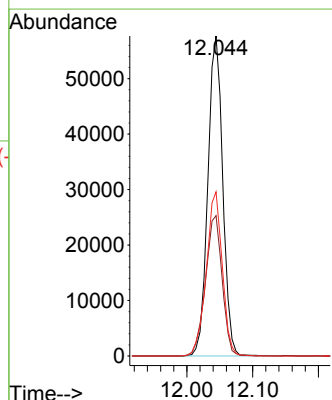
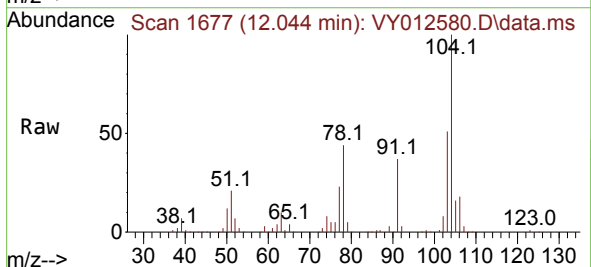
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

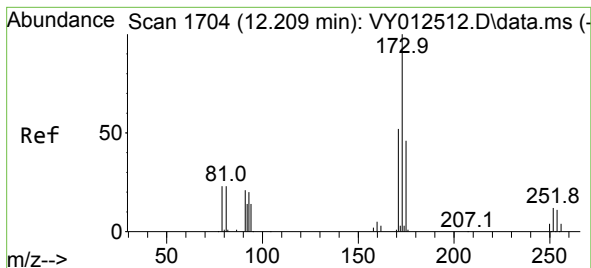
Tgt Ion:106 Resp: 53567
Ion Ratio Lower Upper
106 100
91 209.4 104.2 312.5



#70
Styrene
Concen: 20.888 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion:104 Resp: 90931
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 55.1 43.8 65.8





#71

Bromoform

Concen: 21.107 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

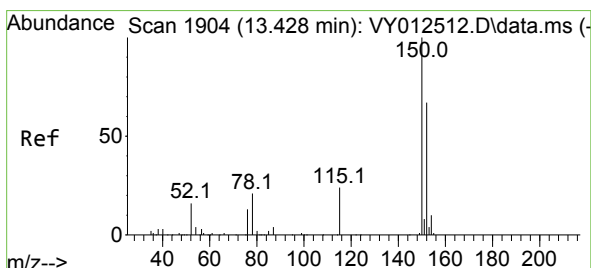
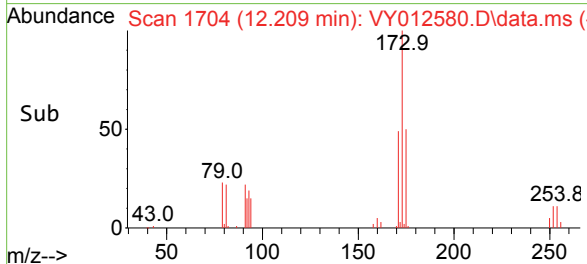
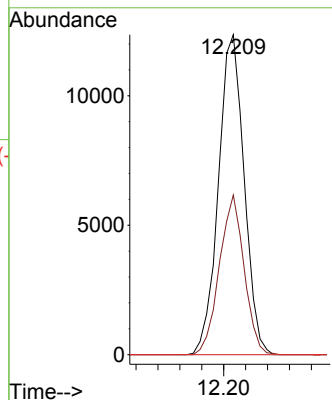
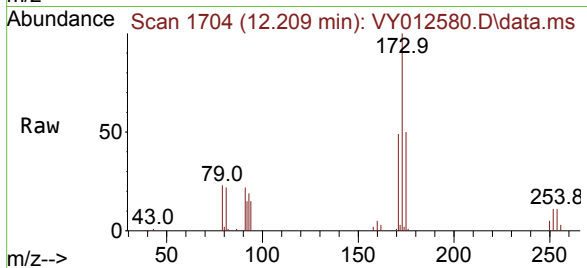
Tgt Ion:173 Resp: 20109

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

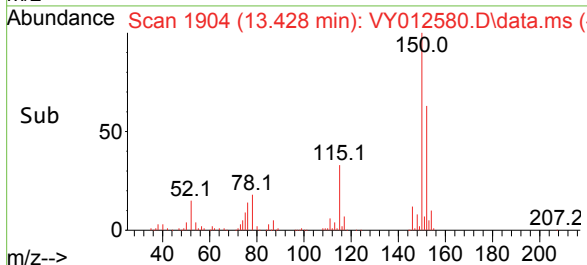
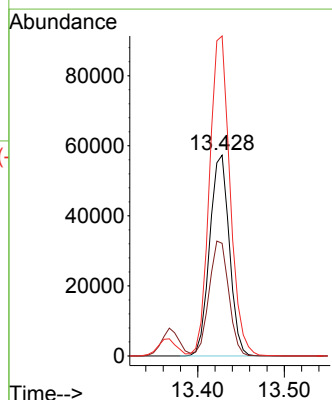
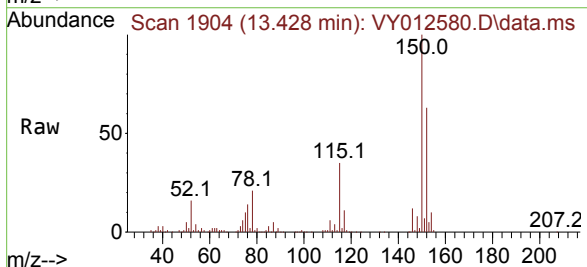
Tgt Ion:152 Resp: 90394

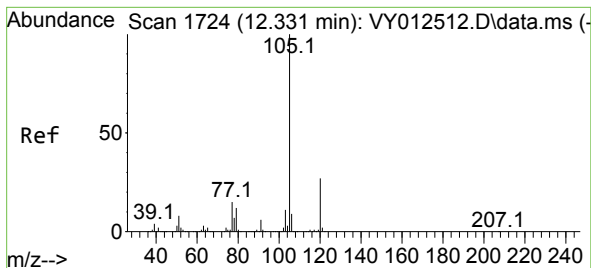
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

150 166.4 0.0 351.0





#73

Isopropylbenzene

Concen: 20.262 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

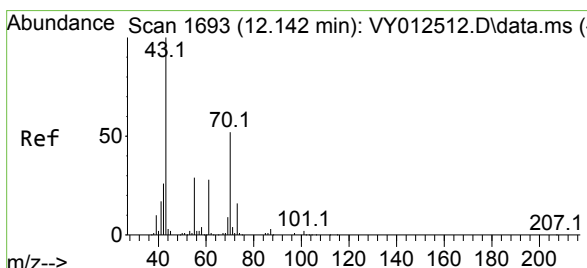
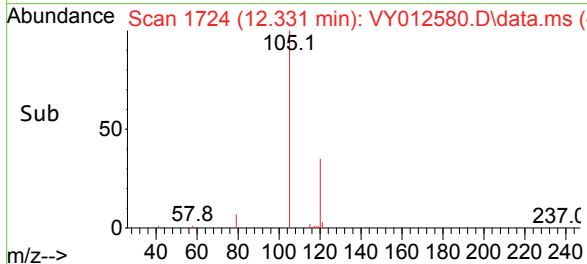
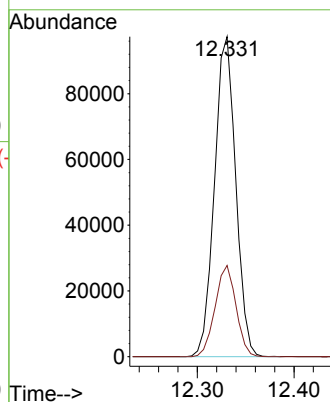
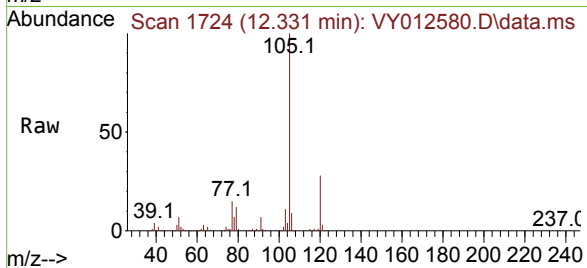
VY0214SBSD01

Tgt Ion:105 Resp: 148182

Ion Ratio Lower Upper

105 100

120 28.0 13.4 40.2



#74

N-ethyl acetate

Concen: 18.704 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion: 43 Resp: 24762

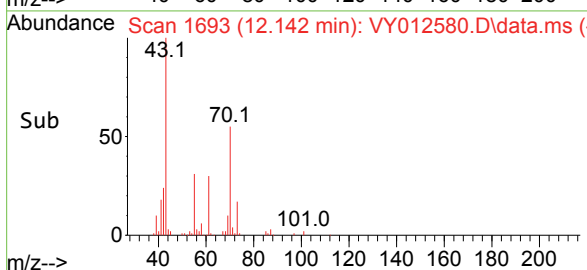
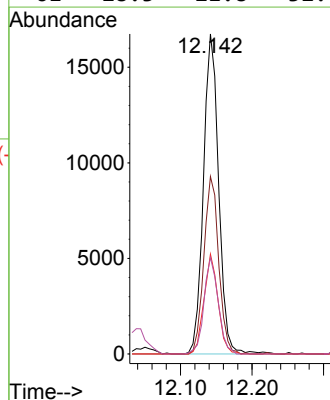
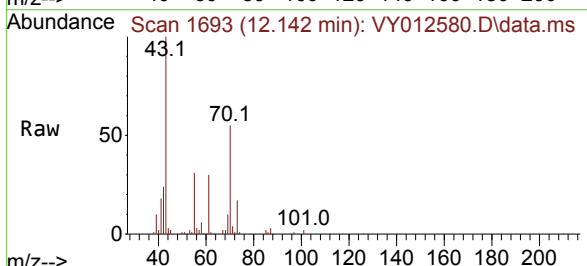
Ion Ratio Lower Upper

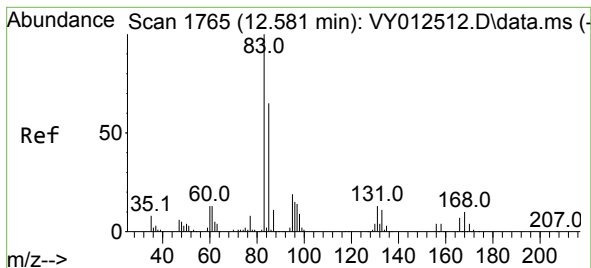
43 100

70 54.1 41.0 61.6

55 28.8 22.9 34.3

61 28.3 21.8 32.6

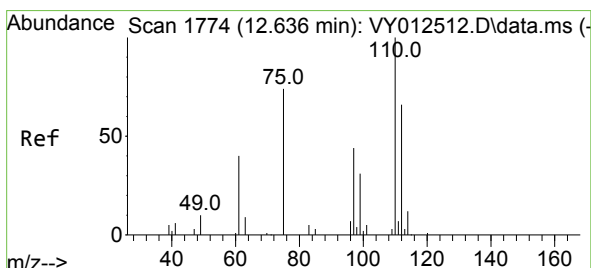
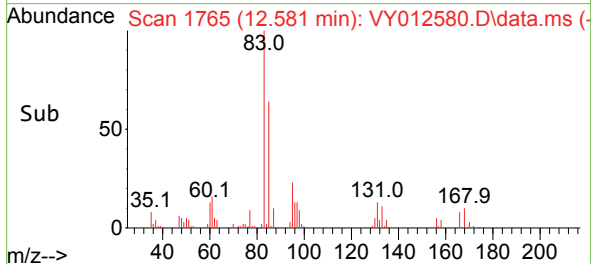
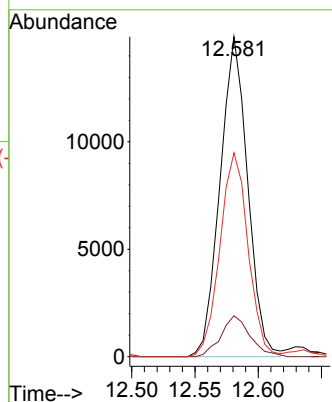
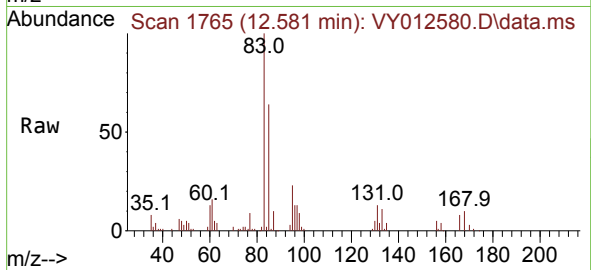




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.115 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

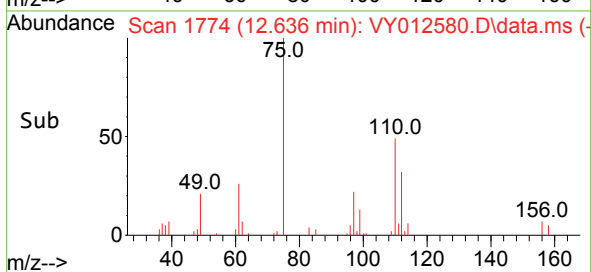
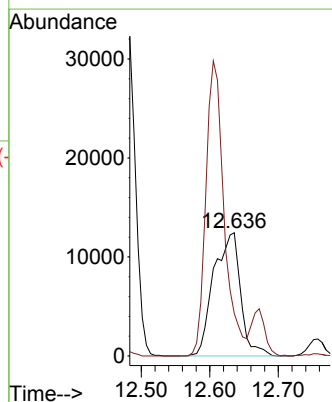
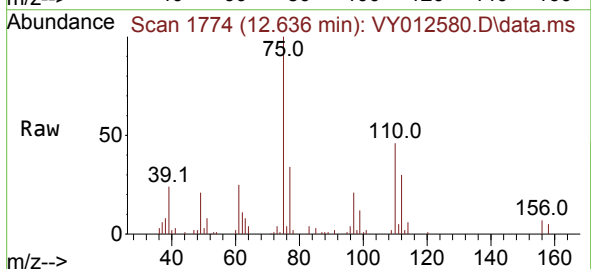
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBSD01

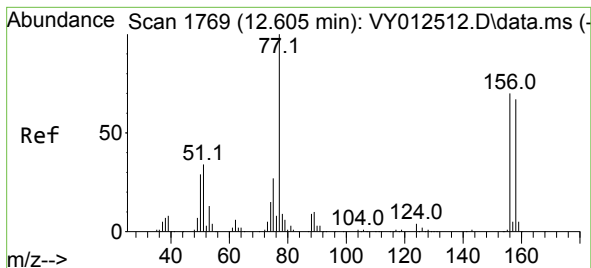
Tgt Ion: 83 Resp: 22604
 Ion Ratio Lower Upper
 83 100
 131 13.5 6.5 19.4
 85 64.8 33.0 99.0



#76
 1,2,3-Trichloropropane
 Concen: 33.594 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

Tgt Ion: 75 Resp: 33927
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.421 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

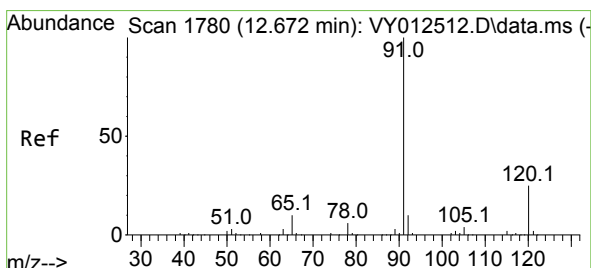
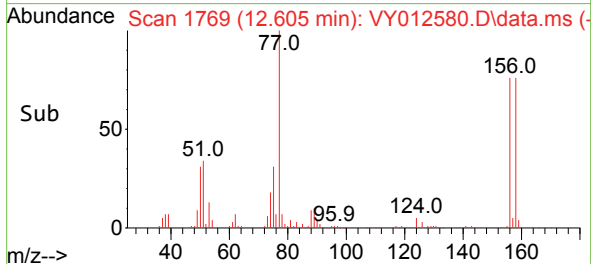
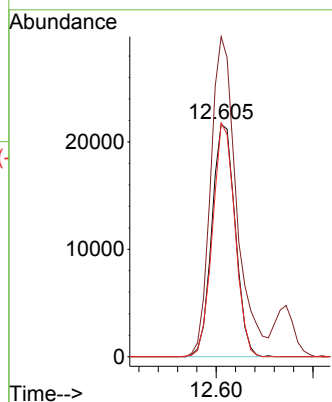
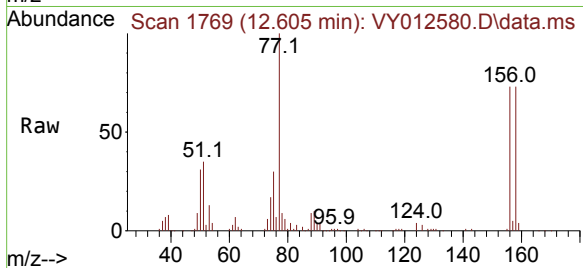
Tgt Ion:156 Resp: 36199

Ion Ratio Lower Upper

156 100

77 153.5 80.6 241.8

158 96.5 49.1 147.3



#78

n-propylbenzene

Concen: 19.950 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012580.D

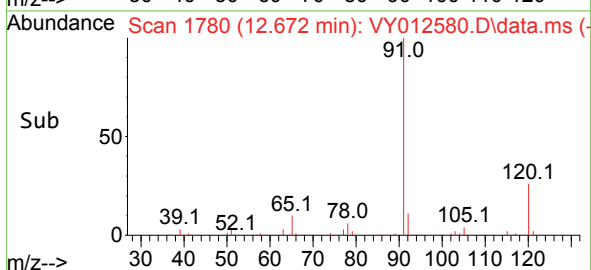
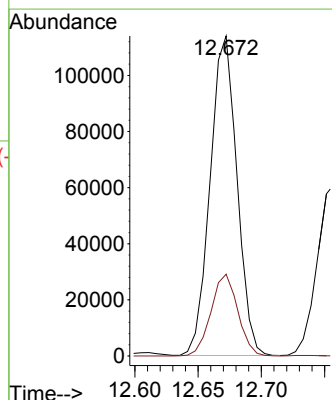
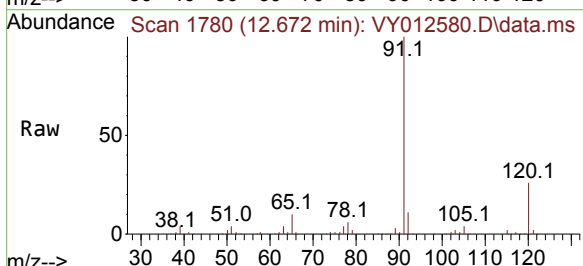
Acq: 14 Feb 2023 11:35

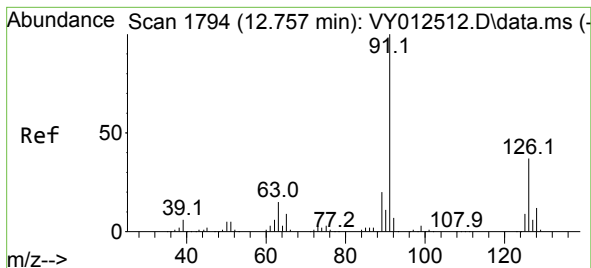
Tgt Ion: 91 Resp: 167936

Ion Ratio Lower Upper

91 100

120 25.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 20.158 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

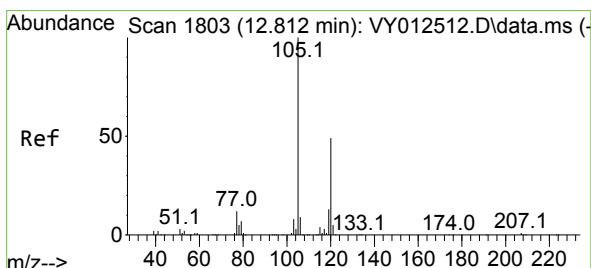
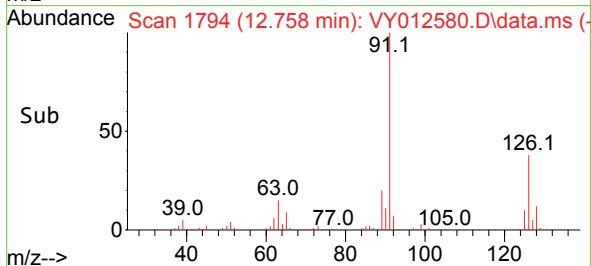
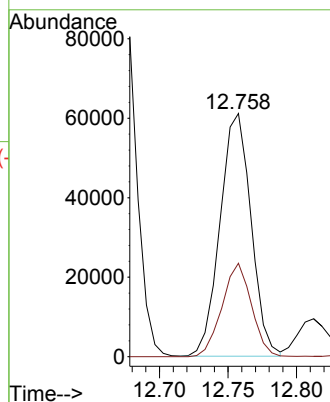
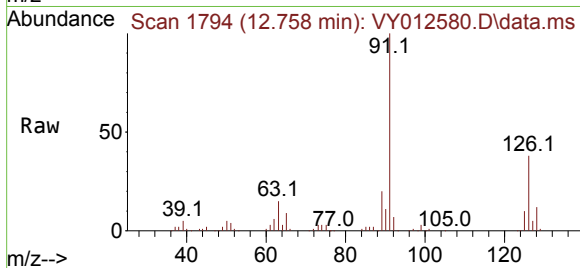
VY0214SBSD01

Tgt Ion: 91 Resp: 96328

Ion Ratio Lower Upper

91 100

126 36.5 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.432 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012580.D

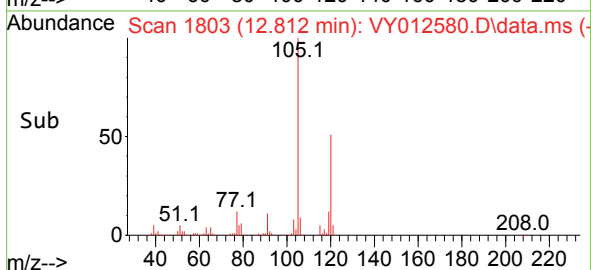
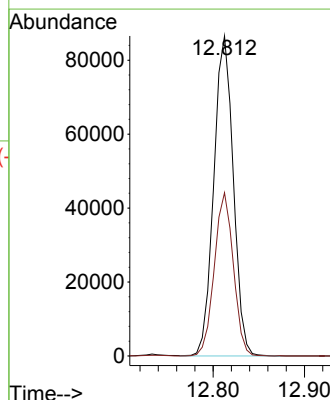
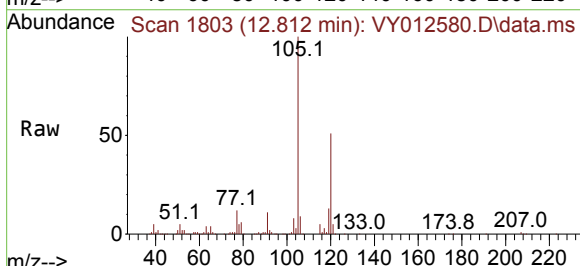
Acq: 14 Feb 2023 11:35

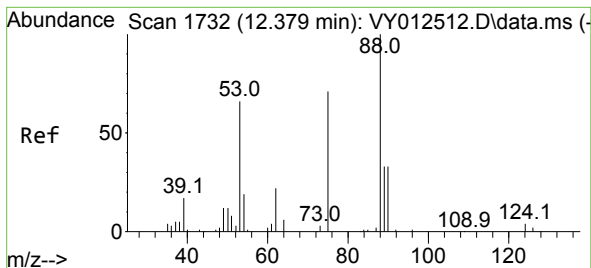
Tgt Ion: 105 Resp: 128636

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0

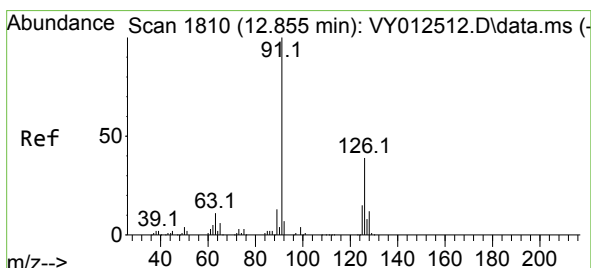
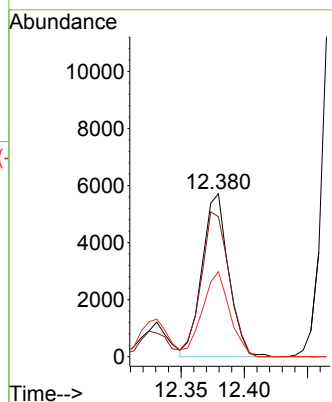
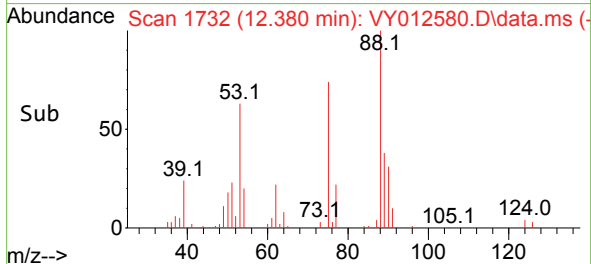
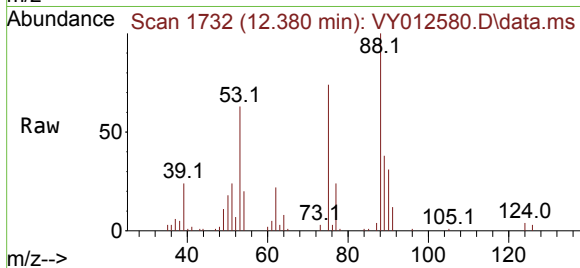




#81
trans-1,4-Dichloro-2-butene
Concen: 18.627 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

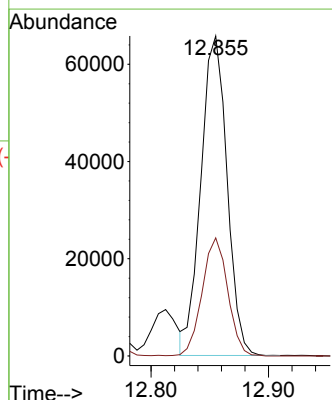
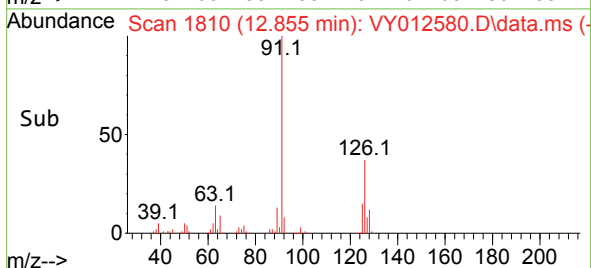
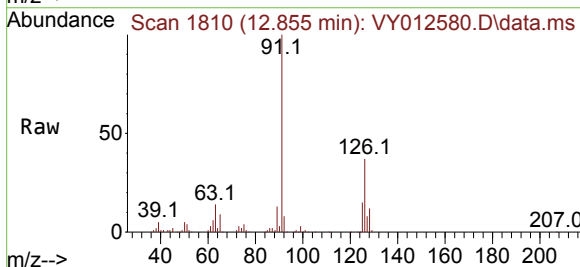
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

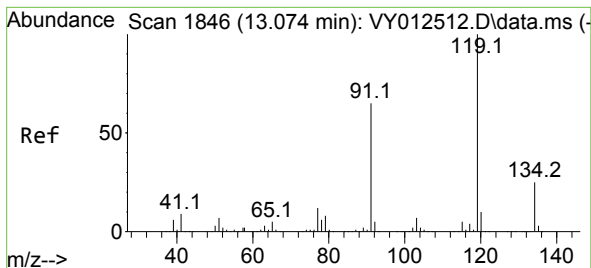
Tgt Ion: 75 Resp: 8342
Ion Ratio Lower Upper
75 100
53 93.7 73.1 109.7
89 53.7 39.9 59.9



#82
4-Chlorotoluene
Concen: 20.264 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 91 Resp: 101576
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3





#83

tert-Butylbenzene

Concen: 20.605 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

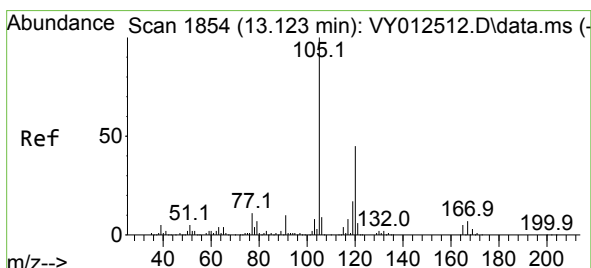
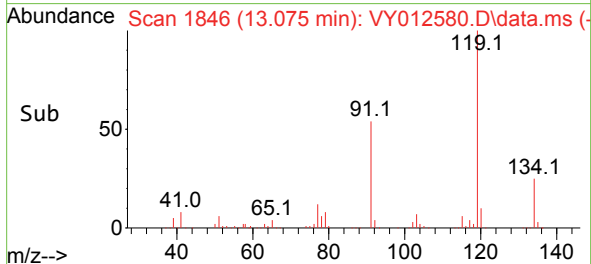
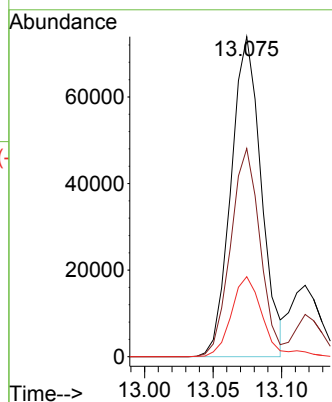
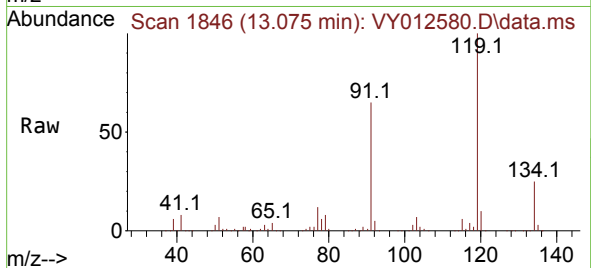
Tgt Ion:119 Resp: 113755

Ion Ratio Lower Upper

119 100

91 63.2 33.0 99.0

134 26.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.685 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012580.D

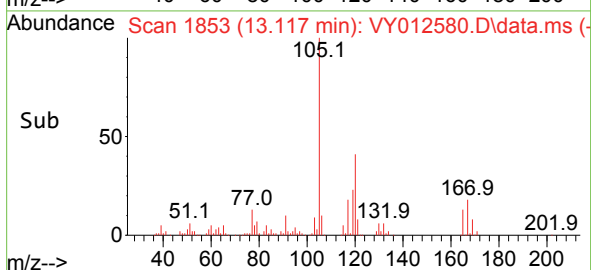
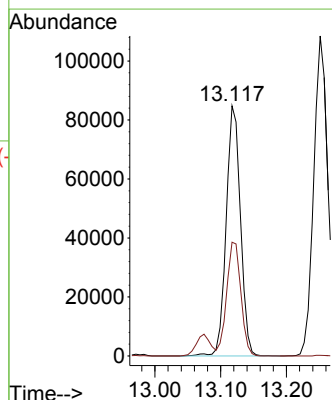
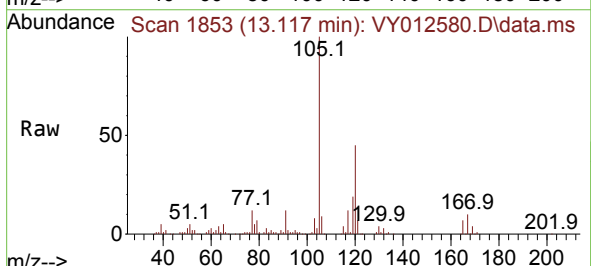
Acq: 14 Feb 2023 11:35

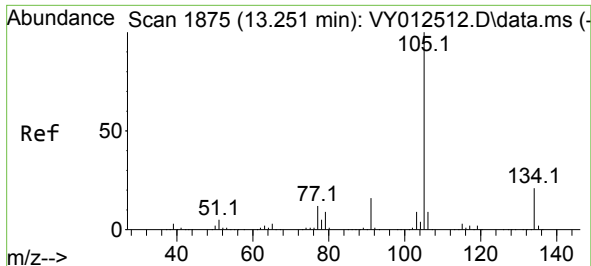
Tgt Ion:105 Resp: 128138

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.3

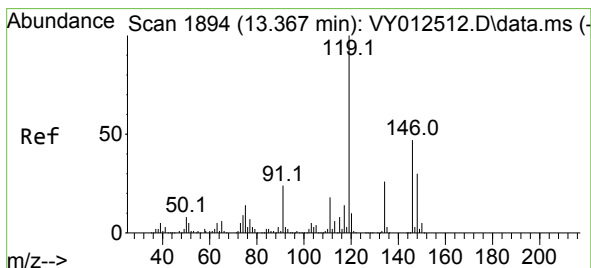
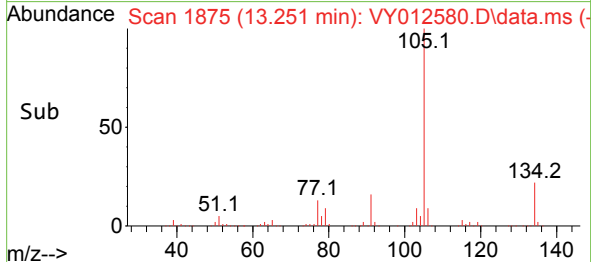
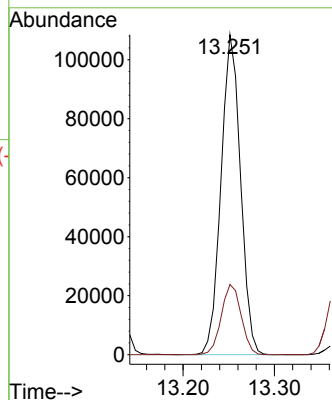
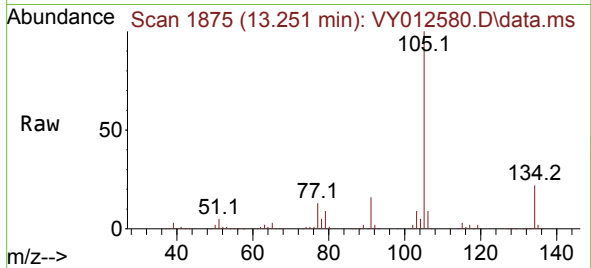




#85
 sec-Butylbenzene
 Concen: 20.405 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

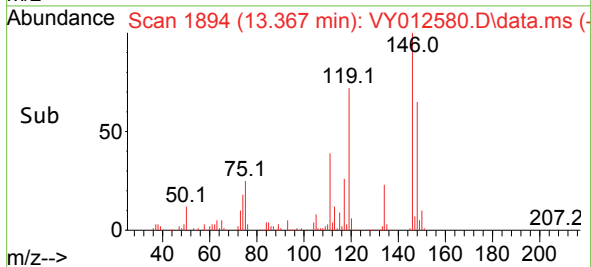
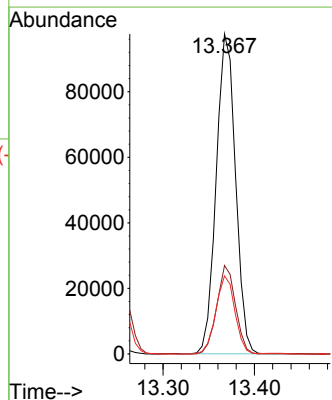
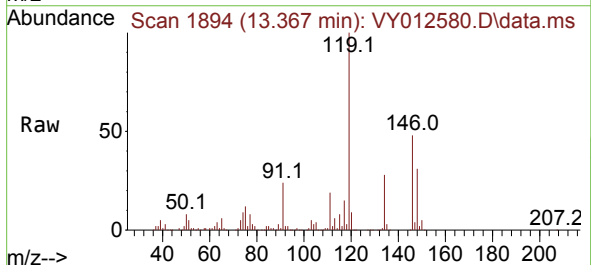
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBSD01

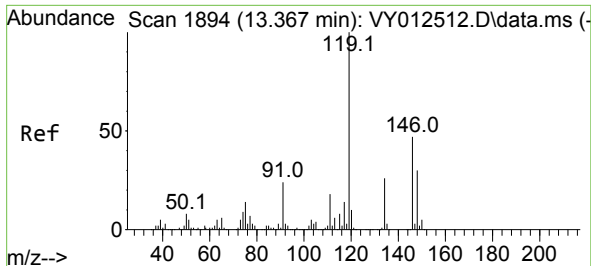
Tgt Ion:105 Resp: 161159
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.895 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012580.D
 Acq: 14 Feb 2023 11:35

Tgt Ion:119 Resp: 143169
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 24.1 12.0 36.1

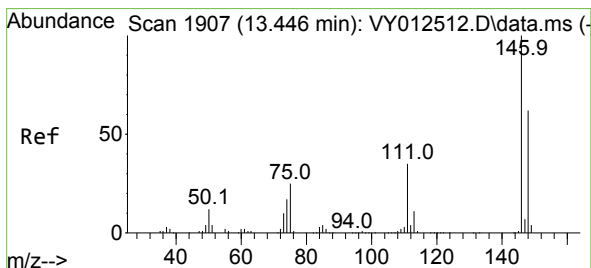
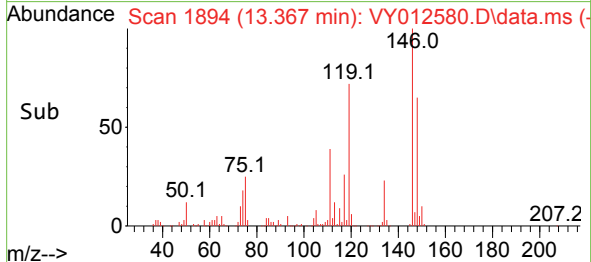
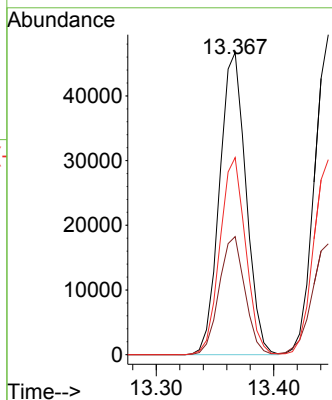
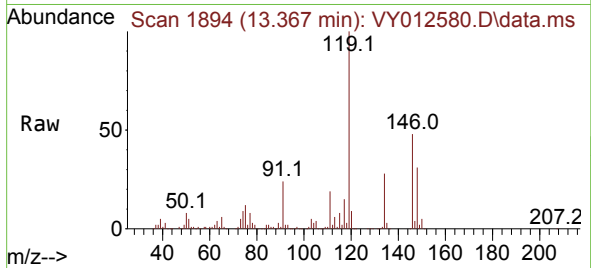




#87
1,3-Dichlorobenzene
Concen: 20.700 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

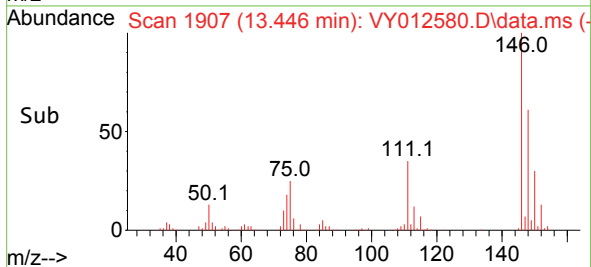
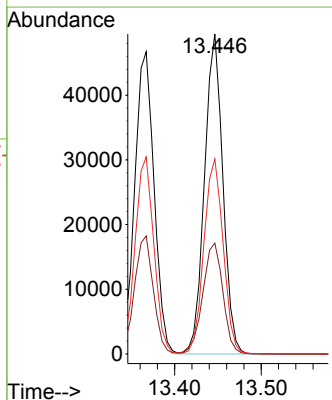
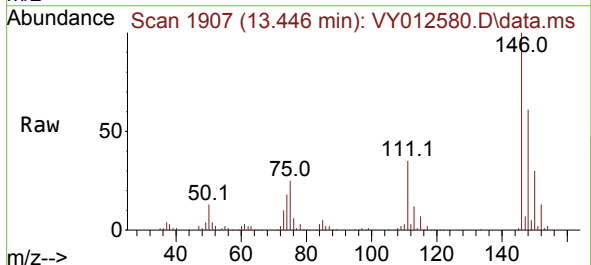
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBS01

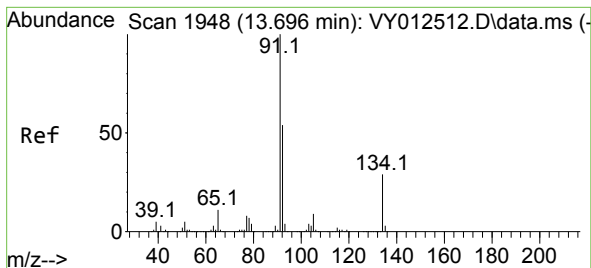
Tgt Ion:146 Resp: 73006
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.9
148 63.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.635 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion:146 Resp: 72901
Ion Ratio Lower Upper
146 100
111 38.2 18.4 55.2
148 64.0 31.6 95.0





#89

n-Butylbenzene

Concen: 20.615 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

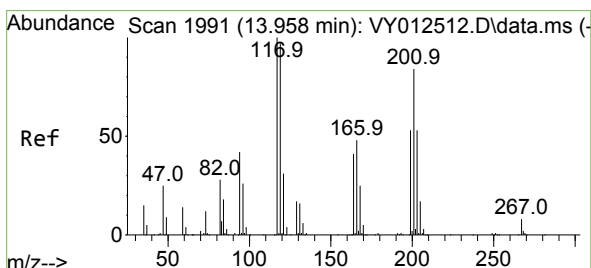
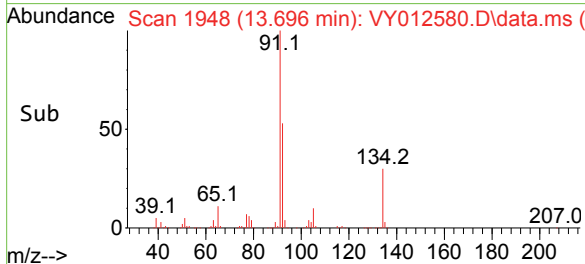
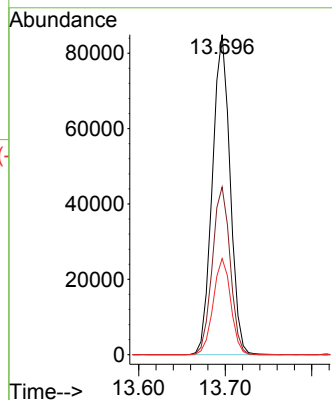
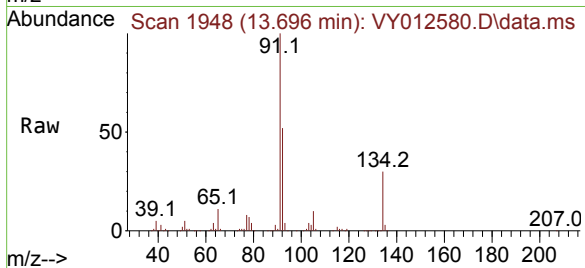
Tgt Ion: 91 Resp: 120720

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 29.7 14.5 43.5



#90

Hexachloroethane

Concen: 20.332 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012580.D

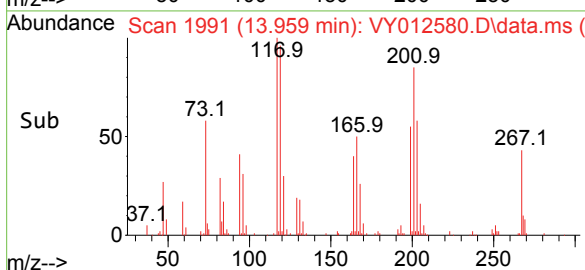
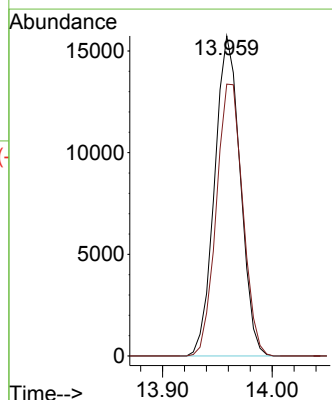
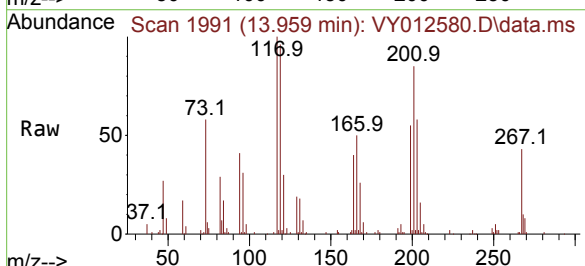
Acq: 14 Feb 2023 11:35

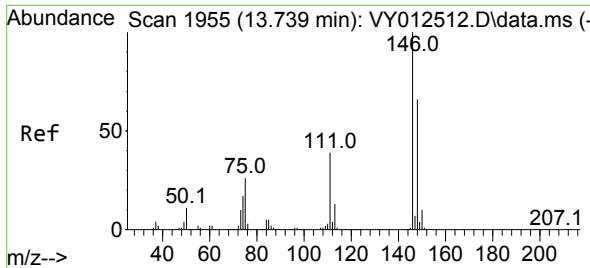
Tgt Ion: 117 Resp: 25571

Ion Ratio Lower Upper

117 100

201 87.6 43.9 131.7

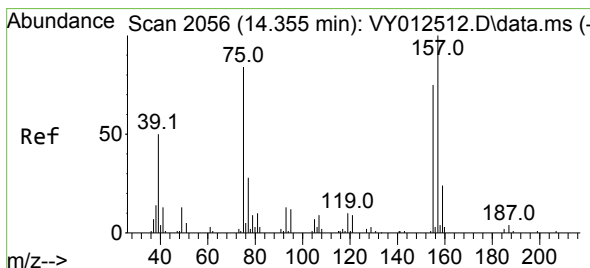
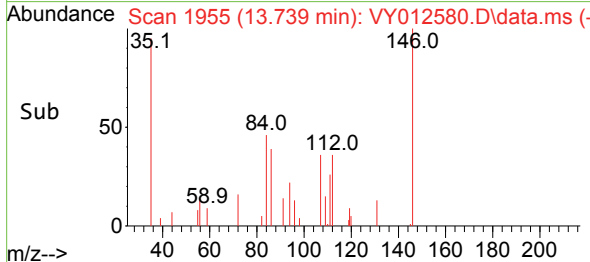
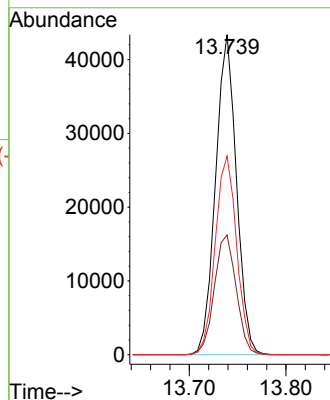
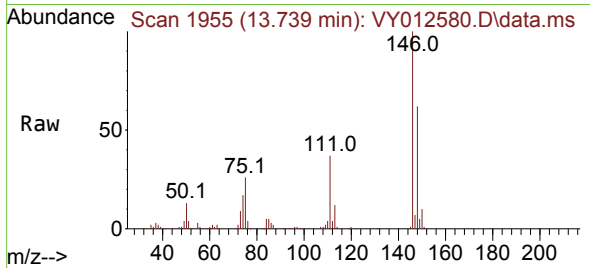




#91
1,2-Dichlorobenzene
Concen: 20.472 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

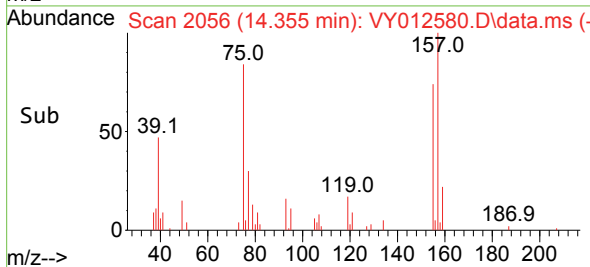
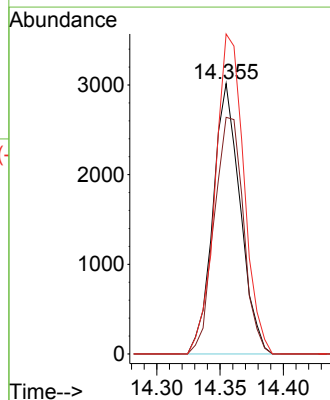
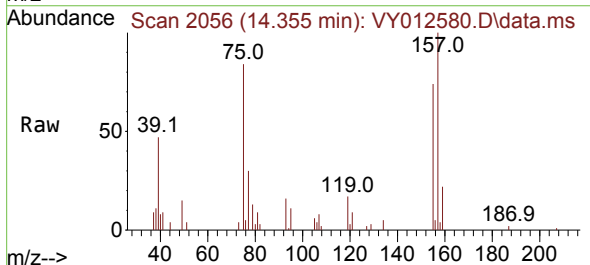
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBSD01

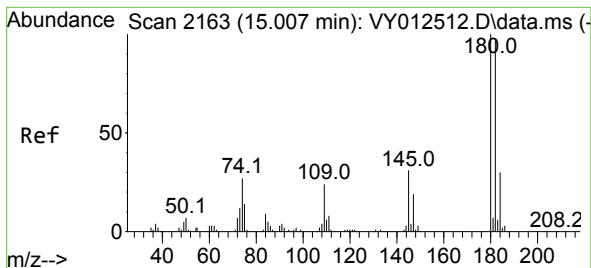
Tgt Ion:146 Resp: 64954
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.195 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012580.D
Acq: 14 Feb 2023 11:35

Tgt Ion: 75 Resp: 4517
Ion Ratio Lower Upper
75 100
155 93.5 46.5 139.3
157 124.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.580 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBSD01

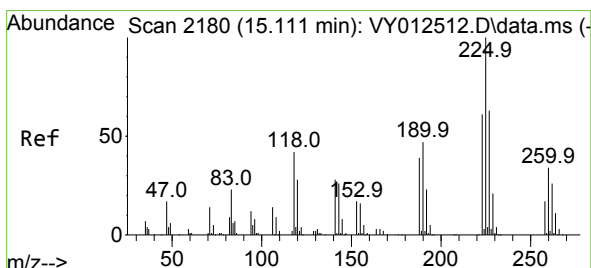
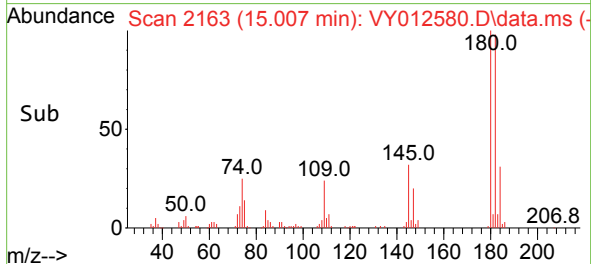
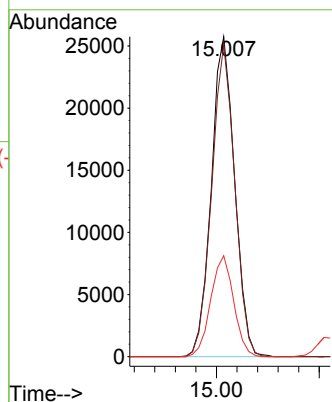
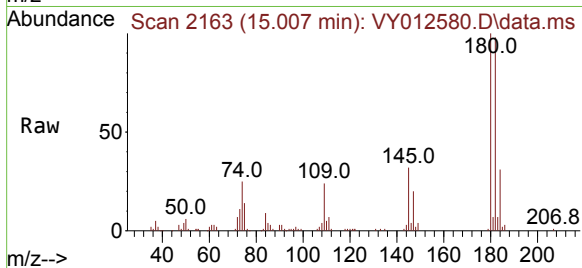
Tgt Ion:180 Resp: 40459

Ion Ratio Lower Upper

180 100

182 96.1 47.7 143.1

145 31.0 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.580 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

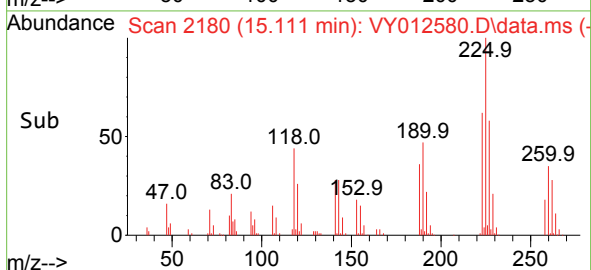
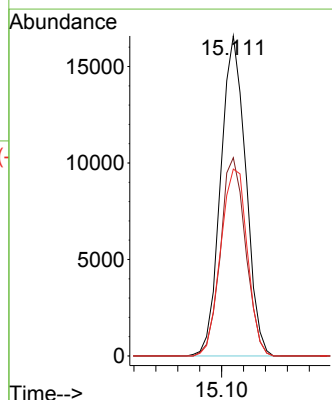
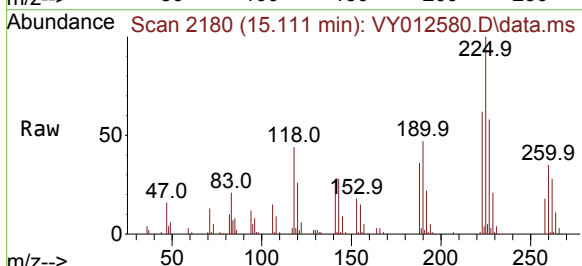
Tgt Ion:225 Resp: 26355

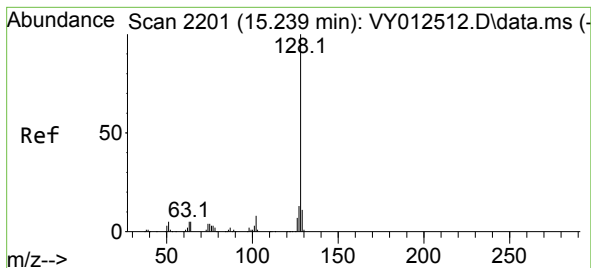
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 62.2 31.9 95.5





#95

Naphthalene

Concen: 20.397 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBS01

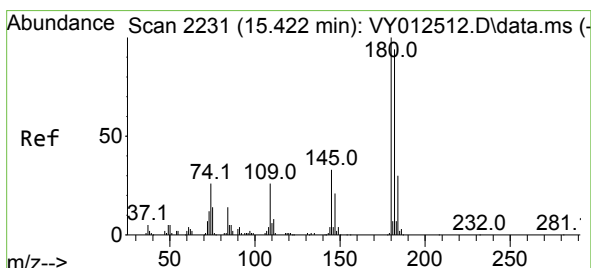
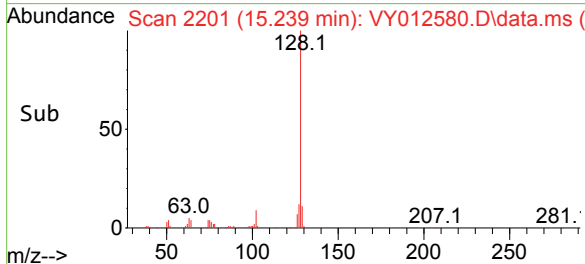
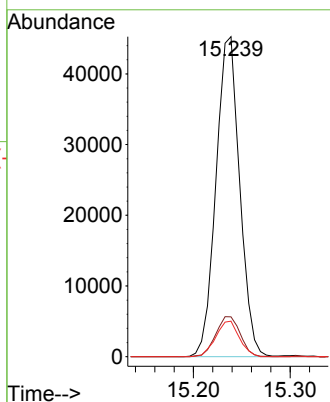
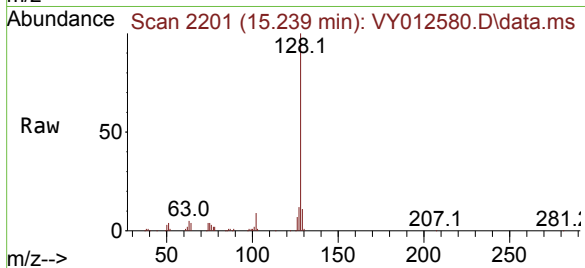
Tgt Ion:128 Resp: 76977

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.837 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012580.D

Acq: 14 Feb 2023 11:35

Tgt Ion:180 Resp: 35459

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.2

145 31.4 16.2 48.6

