

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012518.D
 Acq On : 07 Feb 2023 14:58
 Operator : KP/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Quant Time: Feb 08 01:43:39 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	143490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94697	51.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.800%	
35) Dibromofluoromethane	7.715	113	80665	52.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.178	98	337877	52.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.483	95	114357	50.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	25361	23.115	ug/l	98
3) Chloromethane	2.113	50	23254	20.800	ug/l	93
4) Vinyl Chloride	2.253	62	29120	20.907	ug/l	99
5) Bromomethane	2.643	94	25060	23.094	ug/l	96
6) Chloroethane	2.790	64	20161	20.795	ug/l	94
7) Trichlorofluoromethane	3.125	101	60230	21.038	ug/l	98
8) Diethyl Ether	3.527	74	17258	20.329	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	30107	20.825	ug/l	99
10) Methyl Iodide	4.094	142	35101	18.728	ug/l	99
11) Tert butyl alcohol	4.942	59	19907	107.844	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	30127	21.090	ug/l	98
13) Acrolein	3.722	56	22673	105.699	ug/l	100
14) Allyl chloride	4.478	41	35816	20.564	ug/l	99
15) Acrylonitrile	5.161	53	41390	105.680	ug/l	99
16) Acetone	3.948	43	43879	99.915	ug/l	98
17) Carbon Disulfide	4.192	76	80380	21.694	ug/l	98
18) Methyl Acetate	4.478	43	21720	20.577	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	87868	21.021	ug/l	98
20) Methylene Chloride	4.716	84	39795	21.885	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	32214	20.678	ug/l	96
22) Diisopropyl ether	6.118	45	75262	21.252	ug/l	94
23) Vinyl Acetate	6.057	43	228673	107.109	ug/l	100
24) 1,1-Dichloroethane	6.015	63	52880	20.887	ug/l	98
25) 2-Butanone	6.978	43	50001	102.617	ug/l	99
26) 2,2-Dichloropropane	6.978	77	56576	20.339	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	37444	20.711	ug/l	100
28) Bromochloromethane	7.337	49	19792	21.506	ug/l	96
29) Tetrahydrofuran	7.344	42	28257	107.270	ug/l	99
30) Chloroform	7.502	83	61769	20.236	ug/l	100
31) Cyclohexane	7.783	56	44059	20.885	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	60954	20.579	ug/l	99
36) 1,1-Dichloropropene	7.917	75	43739	20.896	ug/l	99
37) Ethyl Acetate	7.075	43	19616	20.768	ug/l	100
38) Carbon Tetrachloride	7.898	117	57915	20.612	ug/l	100
39) Methylcyclohexane	9.185	83	53639	21.296	ug/l	99
40) Benzene	8.161	78	128511	20.787	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	28222	54.540	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	42840	21.379	ug/l	99
43) Isopropyl Acetate	8.270	43	37461	21.391	ug/l	100
44) Trichloroethene	8.941	130	38951	20.697	ug/l	95
45) 1,2-Dichloropropane	9.215	63	27843	20.769	ug/l	99
46) Dibromomethane	9.301	93	18439	20.773	ug/l	98
47) Bromodichloromethane	9.496	83	47745	20.745	ug/l	99
48) Methyl methacrylate	9.288	41	16433	20.529	ug/l	98
49) 1,4-Dioxane	9.288	88	5240	427.630	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	101524	107.452	ug/l	99
52) Toluene	10.245	92	86647	20.667	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	47760	20.593	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	52282	20.832	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	27148	20.931	ug/l	98
56) Ethyl methacrylate	10.508	69	34680	21.282	ug/l	100
57) 1,3-Dichloropropane	10.788	76	43545	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	82881	113.157	ug/l	100
59) 2-Hexanone	10.831	43	76869	107.656	ug/l	100
60) Dibromochloromethane	10.983	129	36102	20.881	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25553	21.027	ug/l	98
64) Tetrachloroethene	10.721	164	43631	21.218	ug/l	95
65) Chlorobenzene	11.520	112	95805	20.508	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	37751	20.621	ug/l	98
67) Ethyl Benzene	11.593	91	169074	20.615	ug/l	100
68) m/p-Xylenes	11.703	106	132426	40.452	ug/l	98
69) o-Xylene	12.032	106	64756	20.771	ug/l	99
70) Styrene	12.044	104	109188	20.651	ug/l	100
71) Bromoform	12.209	173	24165	20.884	ug/l #	99
73) Isopropylbenzene	12.330	105	174340	20.406	ug/l	99
74) N-amyl acetate	12.141	43	32987	21.330	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	27757	20.093	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	42183	35.755	ug/l #	100
77) Bromobenzene	12.611	156	41688	20.132	ug/l	100
78) n-propylbenzene	12.672	91	204437	20.790	ug/l	99
79) 2-Chlorotoluene	12.757	91	113736	20.375	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	153945	20.932	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10917	20.867	ug/l	98
82) 4-Chlorotoluene	12.855	91	121394	20.731	ug/l	100
83) tert-Butylbenzene	13.074	119	131276	20.355	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	149535	20.664	ug/l	100
85) sec-Butylbenzene	13.251	105	191437	20.749	ug/l	100
86) p-Isopropyltoluene	13.367	119	166928	20.855	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	85021	20.636	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	83513	20.236	ug/l	98
89) n-Butylbenzene	13.696	91	143259	20.942	ug/l	99
90) Hexachloroethane	13.958	117	29677	20.200	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	75294	20.315	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5828	21.200	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	48173	20.976	ug/l	99
94) Hexachlorobutadiene	15.110	225	30019	21.041	ug/l	98
95) Naphthalene	15.239	128	91143	20.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	40819	20.534	ug/l	99

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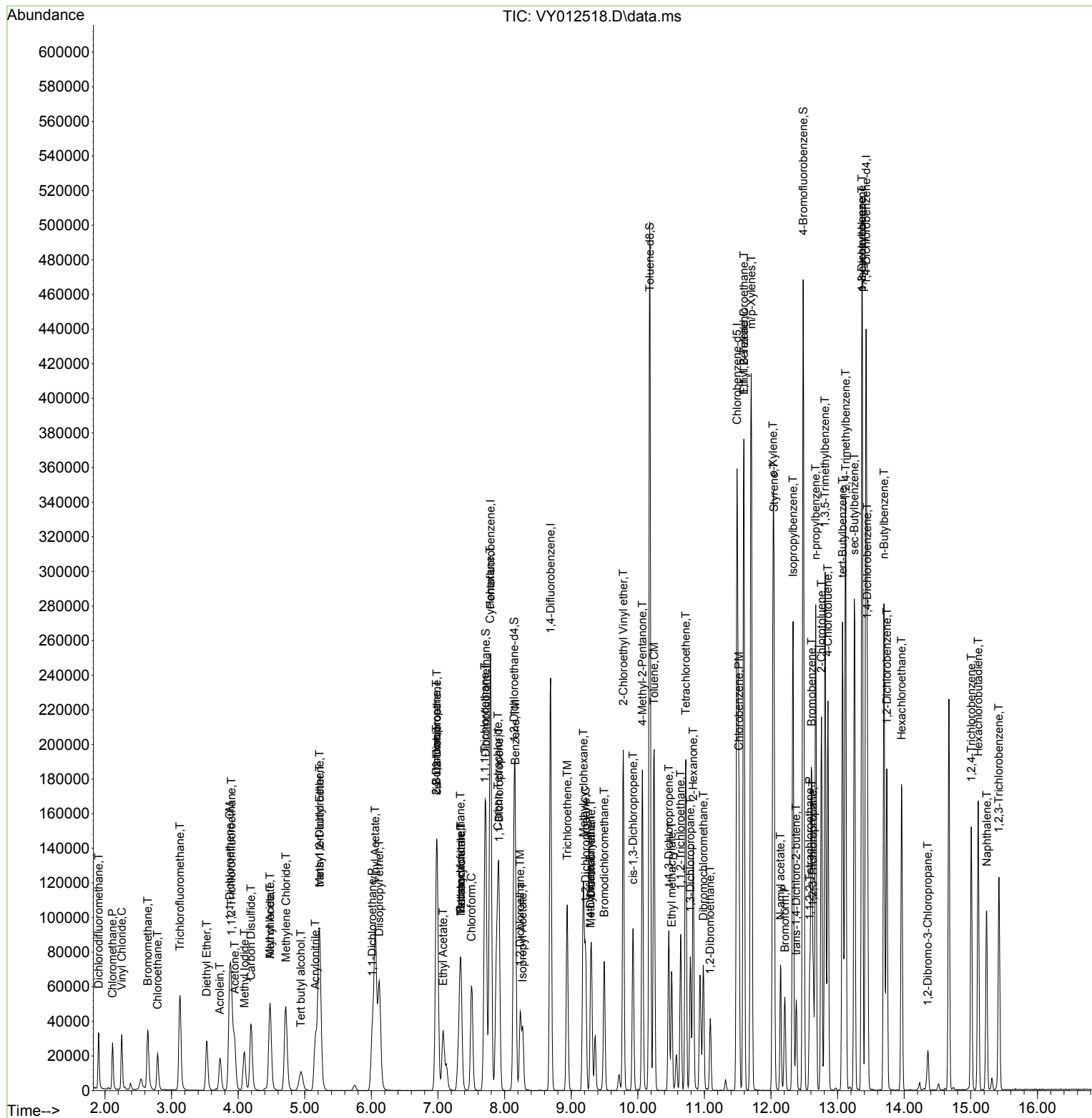
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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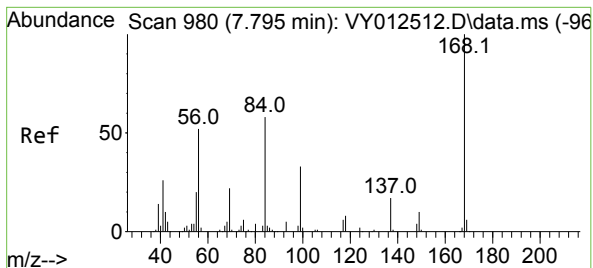
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

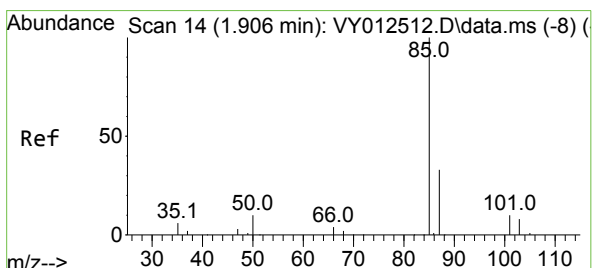
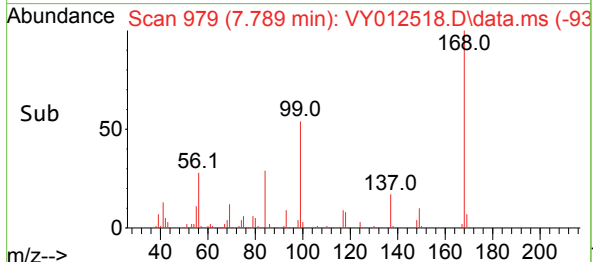
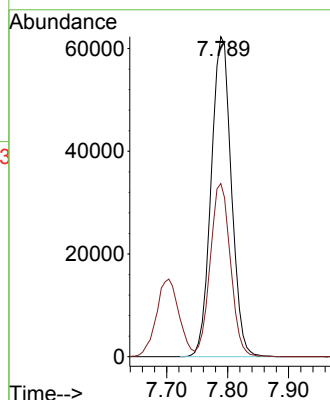
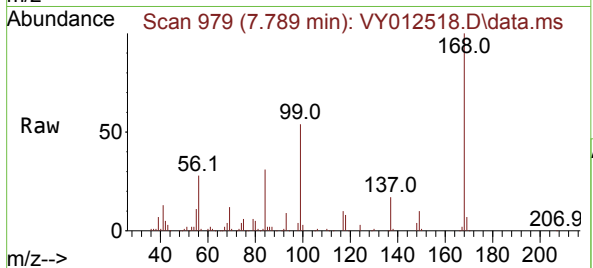
VY0207SBS01

Tgt Ion:168 Resp: 143490

Ion Ratio Lower Upper

168 100

99 54.1 40.8 61.2



#2

Dichlorodifluoromethane

Concen: 23.115 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY012518.D

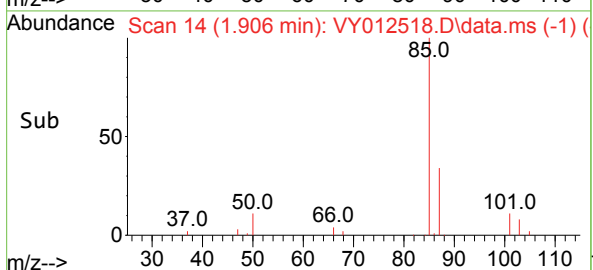
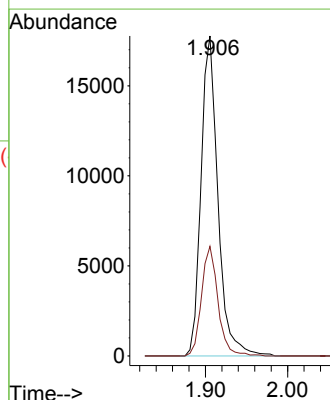
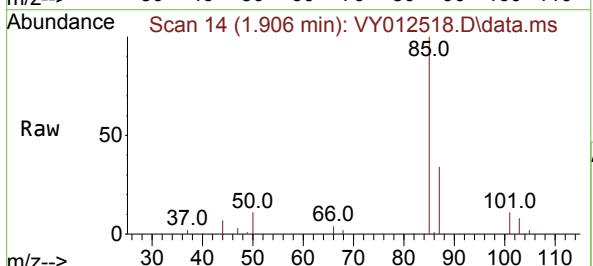
Acq: 07 Feb 2023 14:58

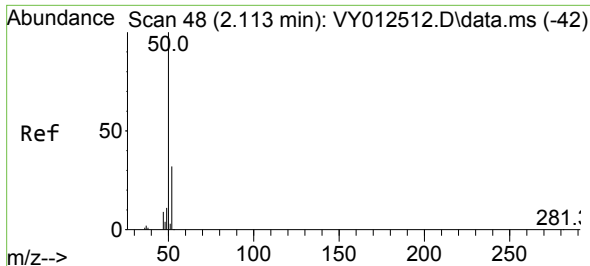
Tgt Ion: 85 Resp: 25361

Ion Ratio Lower Upper

85 100

87 34.3 16.6 49.8

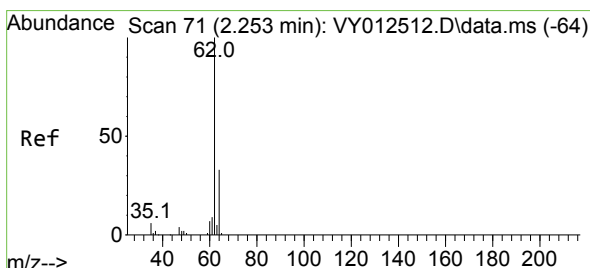
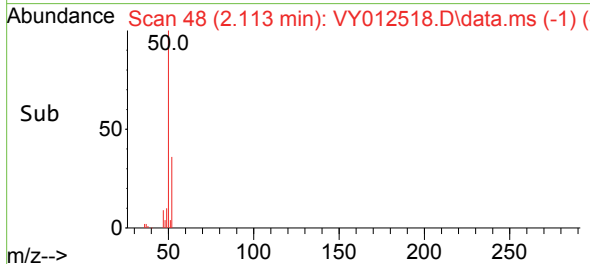
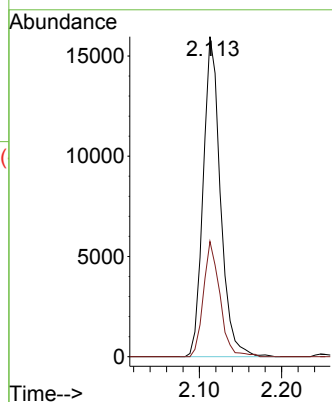
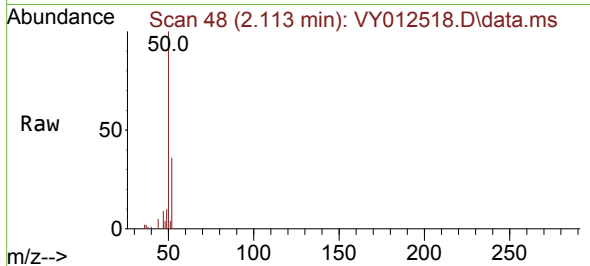




#3
Chloromethane
Concen: 20.800 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

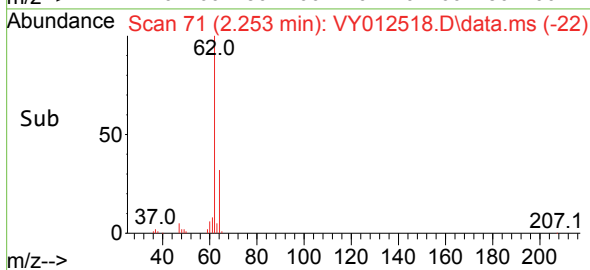
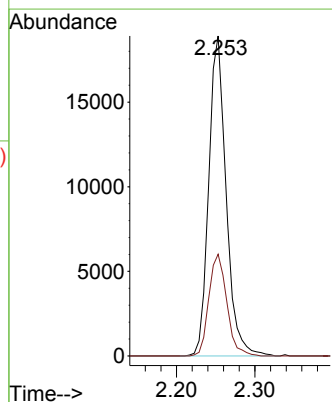
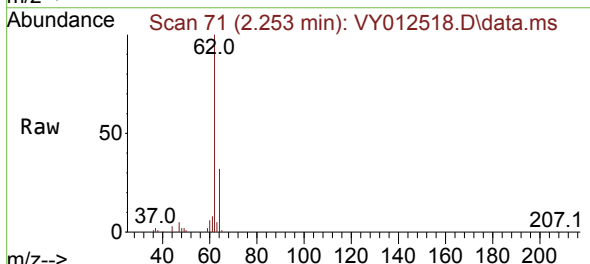
Instrument :
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ClientSampleId :
VY0207SBS01

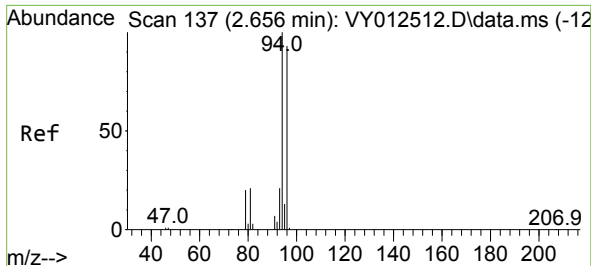
Tgt Ion: 50 Resp: 23254
Ion Ratio Lower Upper
50 100
52 36.0 25.8 38.6



#4
Vinyl Chloride
Concen: 20.907 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 62 Resp: 29120
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1





#5

Bromomethane

Concen: 23.094 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

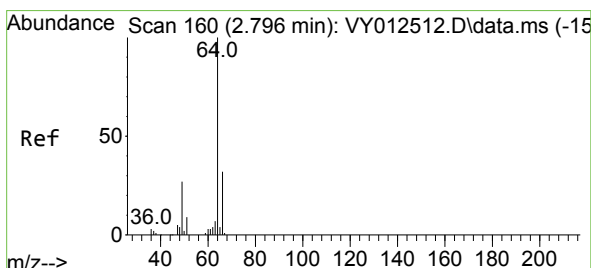
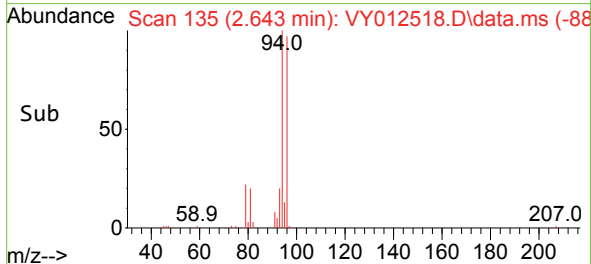
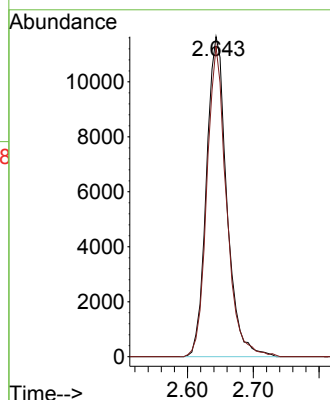
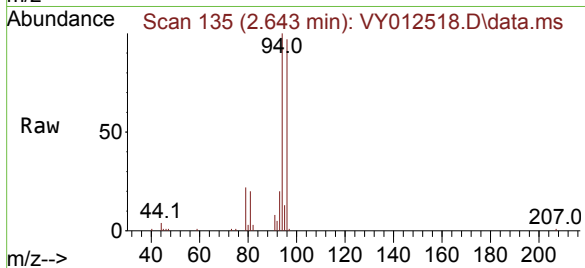
VY0207SBS01

Tgt Ion: 94 Resp: 25060

Ion Ratio Lower Upper

94 100

96 96.9 74.7 112.1



#6

Chloroethane

Concen: 20.795 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012518.D

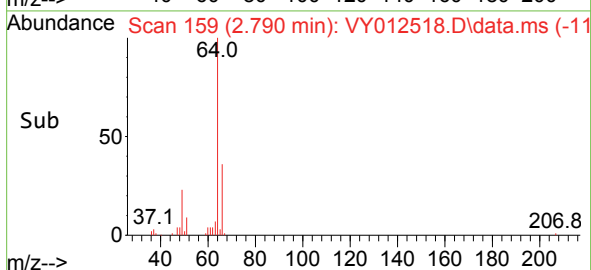
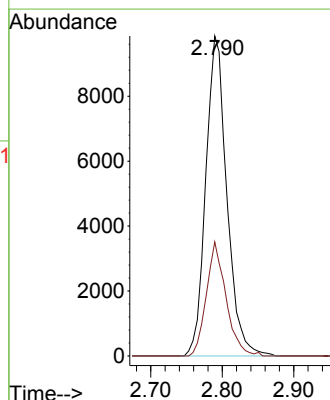
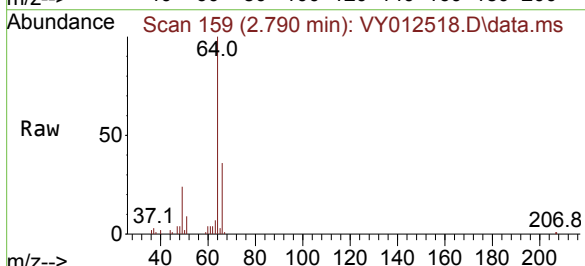
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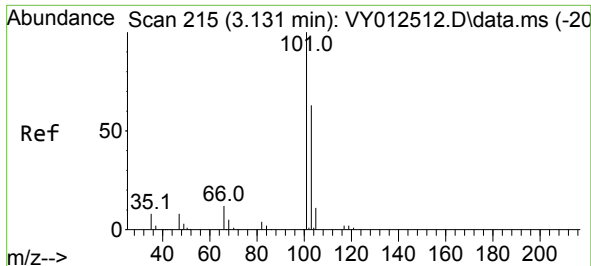
Tgt Ion: 64 Resp: 20161

Ion Ratio Lower Upper

64 100

66 35.6 25.7 38.5

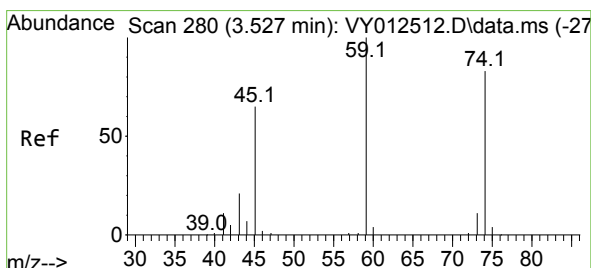
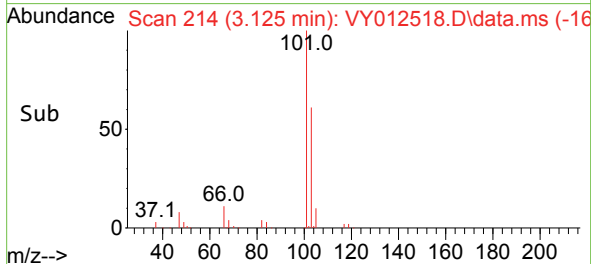
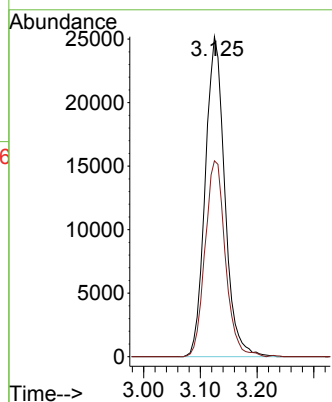
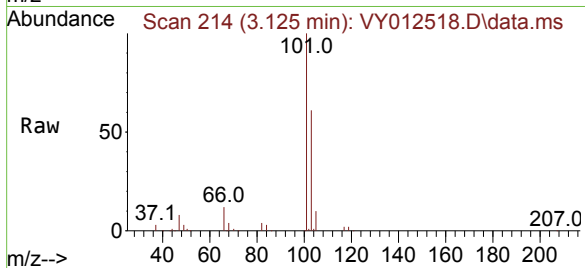




#7
Trichlorofluoromethane
Concen: 21.038 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

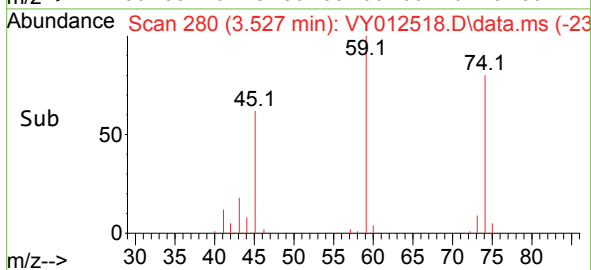
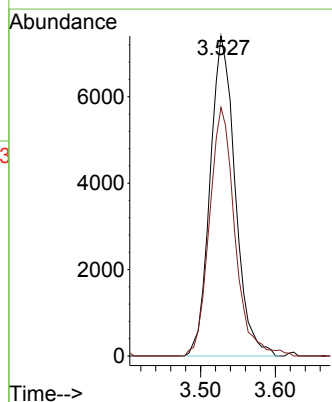
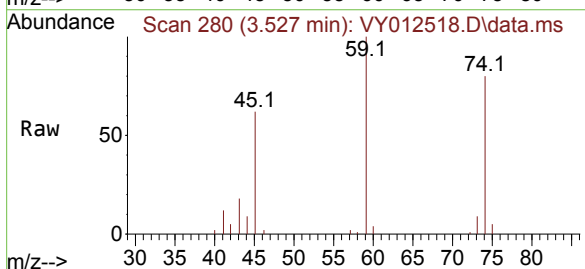
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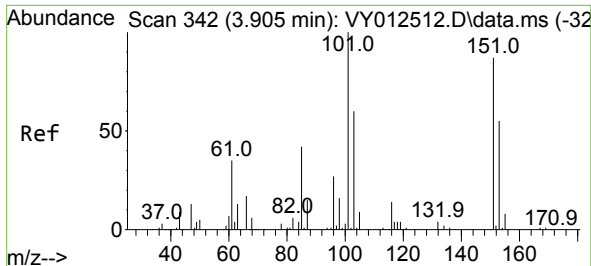
Tgt Ion:101 Resp: 60230
Ion Ratio Lower Upper
101 100
103 61.2 50.1 75.1



#8
Diethyl Ether
Concen: 20.329 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 74 Resp: 17258
Ion Ratio Lower Upper
74 100
45 78.9 37.8 113.4

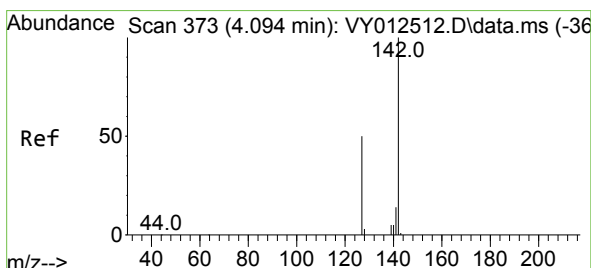
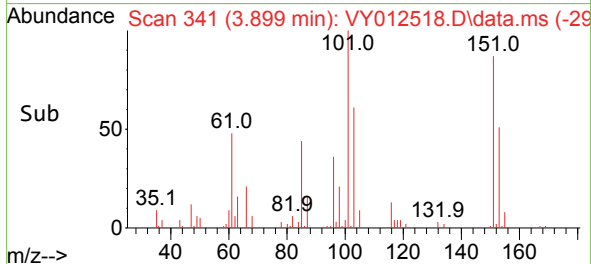
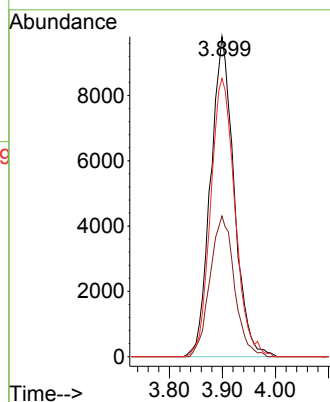
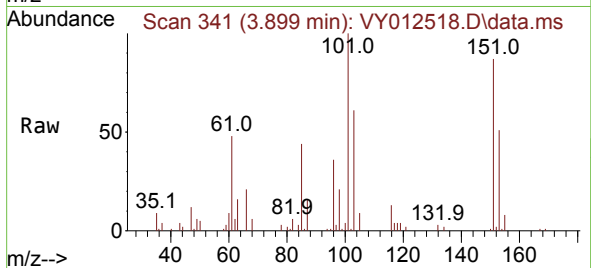




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.825 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

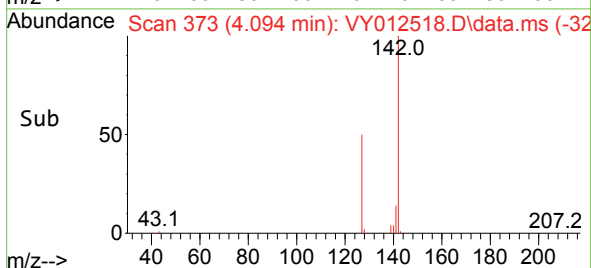
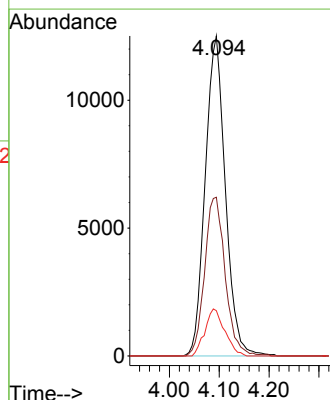
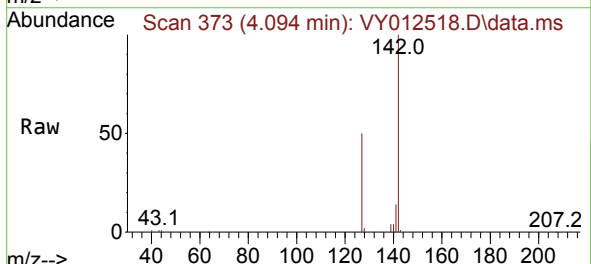
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

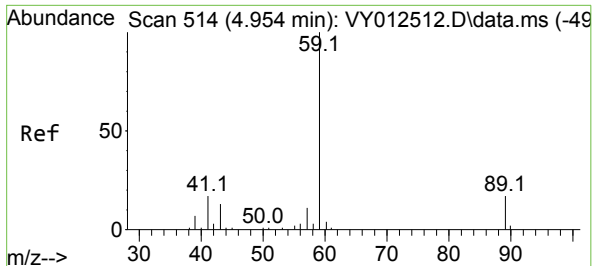
Tgt Ion:101 Resp: 30107
Ion Ratio Lower Upper
101 100
85 45.6 36.1 54.1
151 89.9 70.7 106.1



#10
Methyl Iodide
Concen: 18.728 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:142 Resp: 35101
Ion Ratio Lower Upper
142 100
127 50.5 39.8 59.6
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 107.844 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

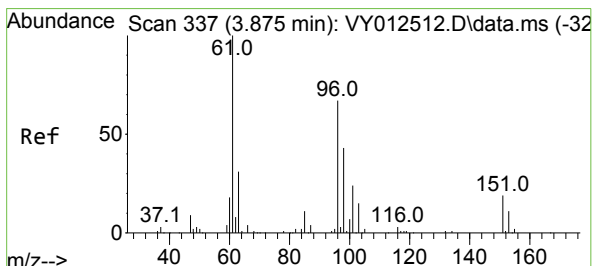
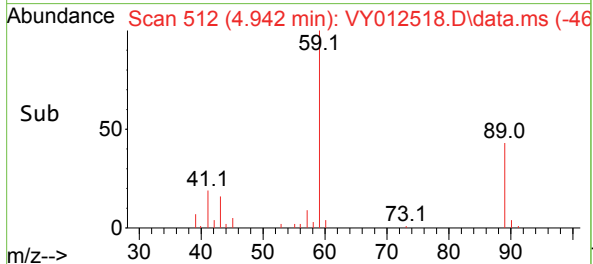
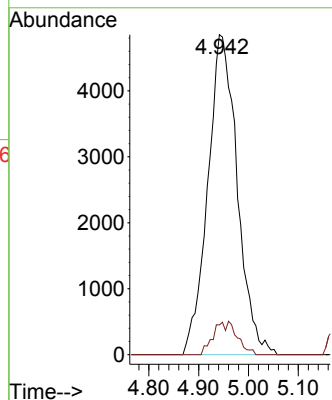
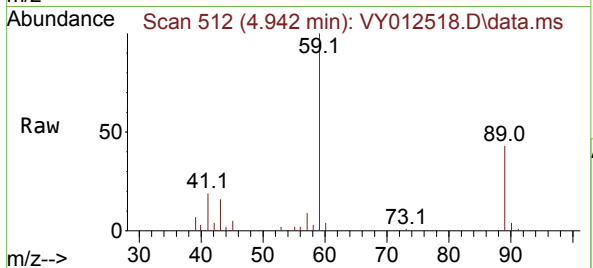
VY0207SBS01

Tgt Ion: 59 Resp: 19907

Ion Ratio Lower Upper

59 100

57 4.6 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 21.090 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

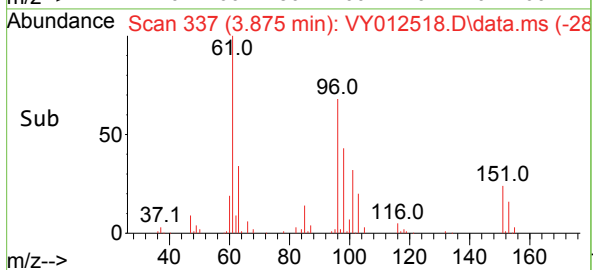
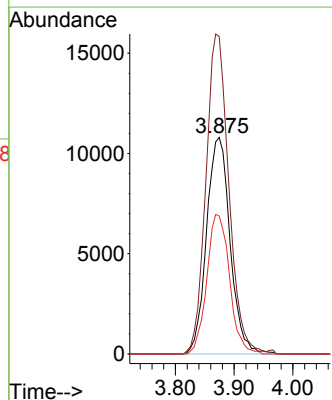
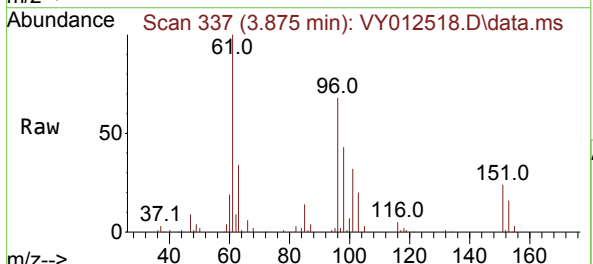
Tgt Ion: 96 Resp: 30127

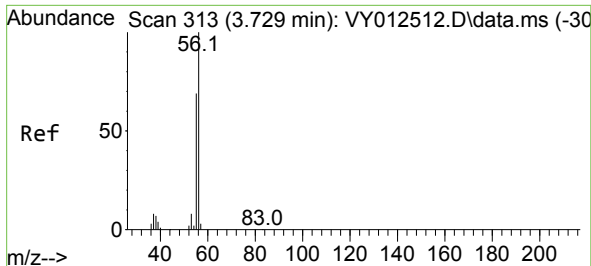
Ion Ratio Lower Upper

96 100

61 146.6 119.4 179.2

98 63.7 51.9 77.9





#13

Acrolein

Concen: 105.699 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

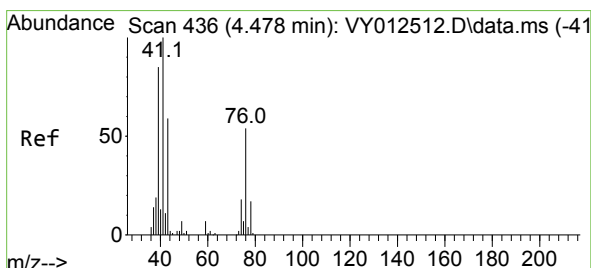
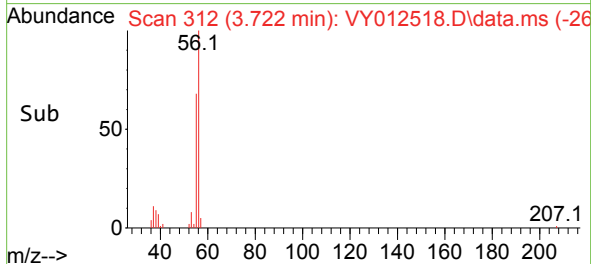
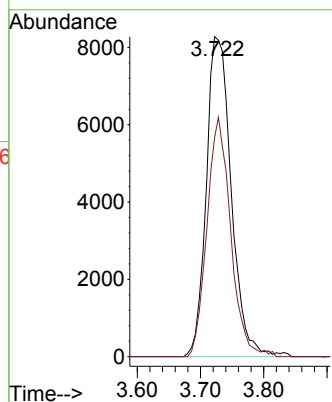
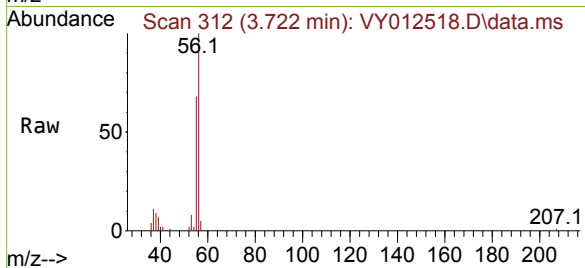
VY0207SBS01

Tgt Ion: 56 Resp: 22673

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 20.564 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

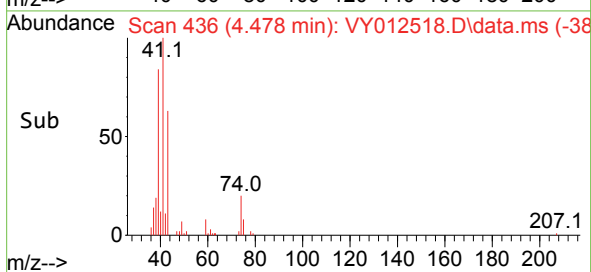
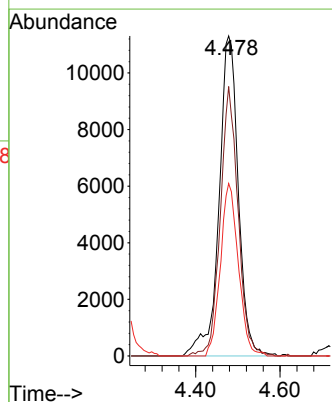
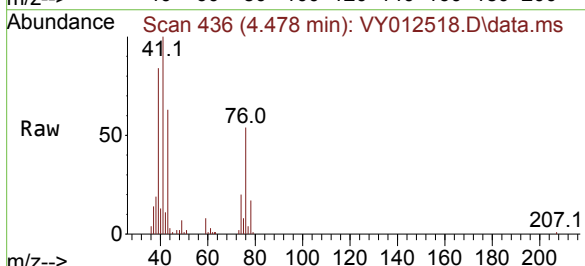
Tgt Ion: 41 Resp: 35816

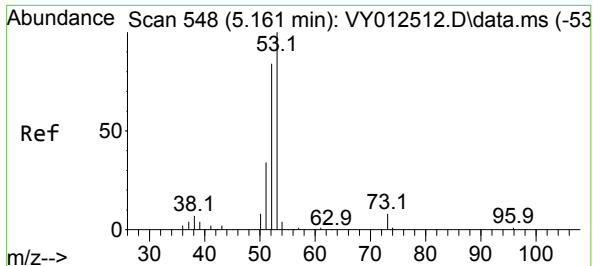
Ion Ratio Lower Upper

41 100

39 77.6 62.6 94.0

76 50.0 39.6 59.4

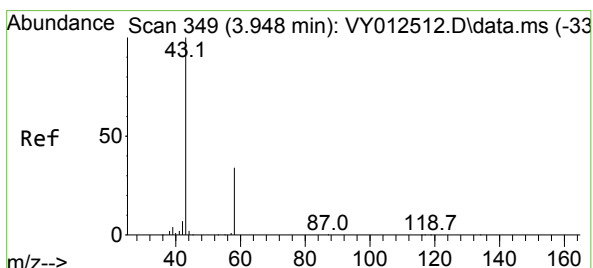
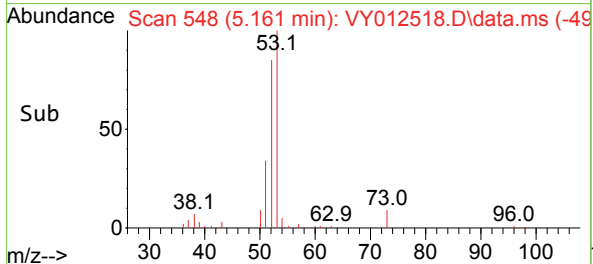
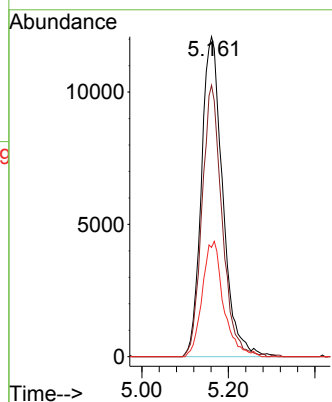
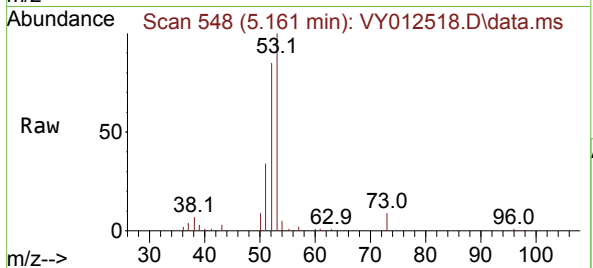




#15
Acrylonitrile
Concen: 105.680 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

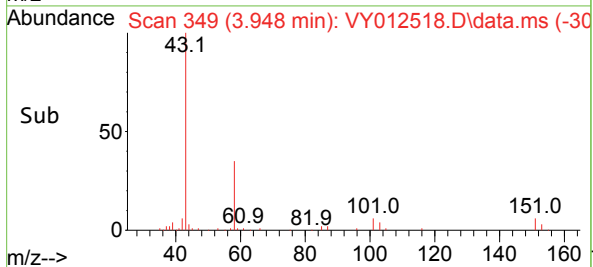
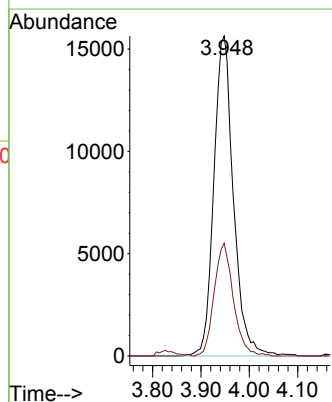
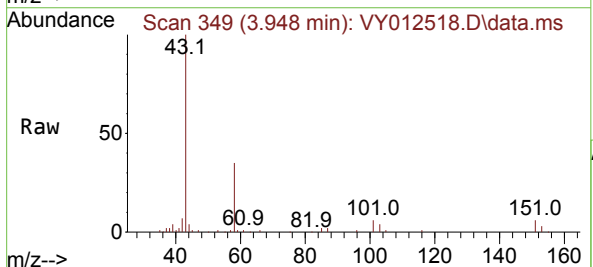
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

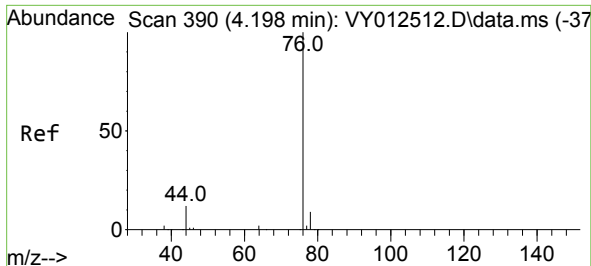
Tgt Ion:	53	Resp:	41390
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.0	97.4
51	36.0	28.7	43.1



#16
Acetone
Concen: 99.915 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:	43	Resp:	43879
Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.1	40.7

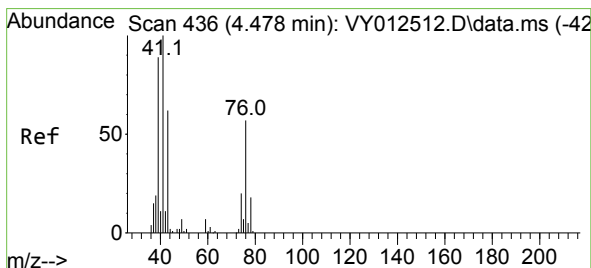
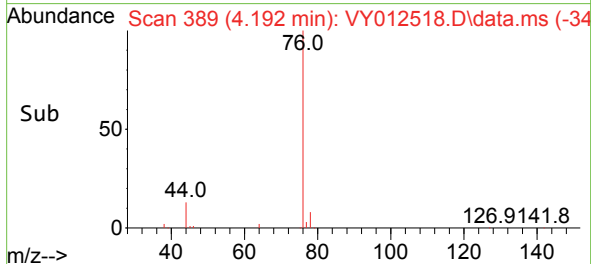
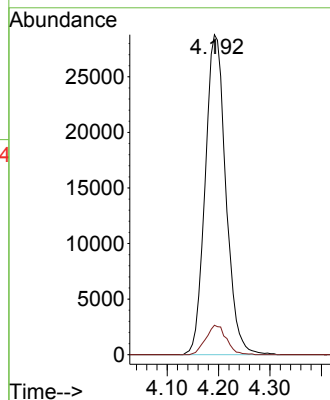
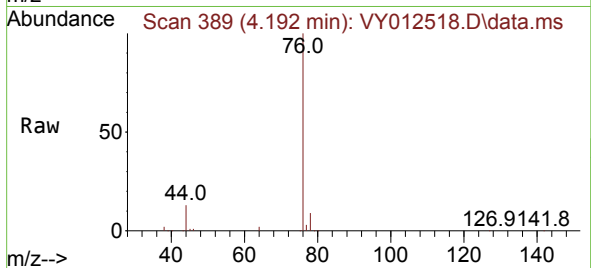




#17
Carbon Disulfide
Concen: 21.694 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

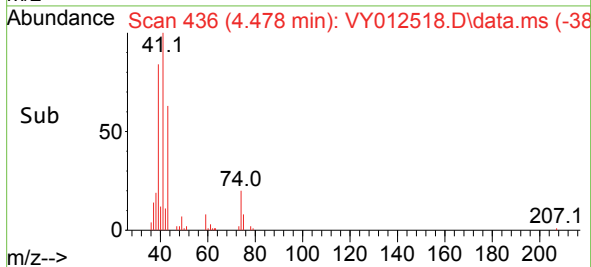
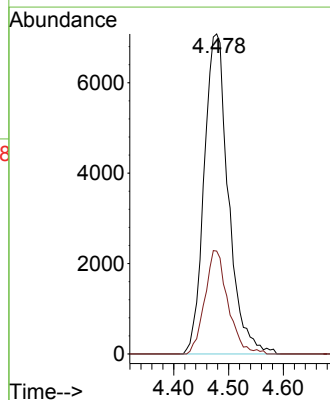
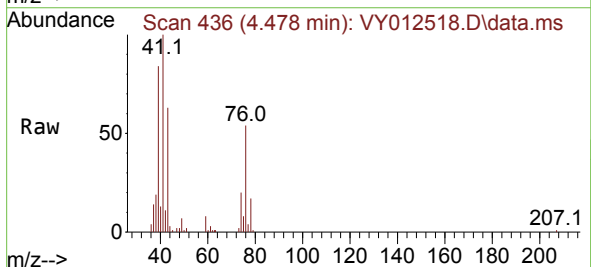
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

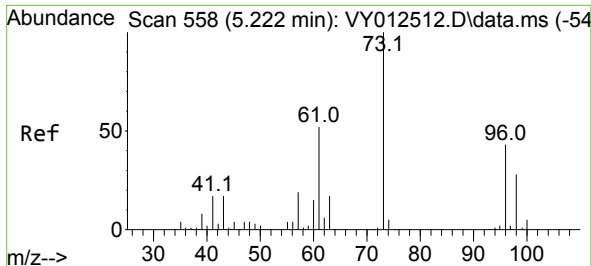
Tgt Ion: 76 Resp: 80380
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 20.577 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 43 Resp: 21720
Ion Ratio Lower Upper
43 100
74 30.9 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 21.021 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

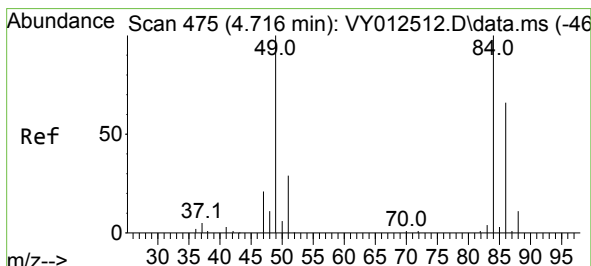
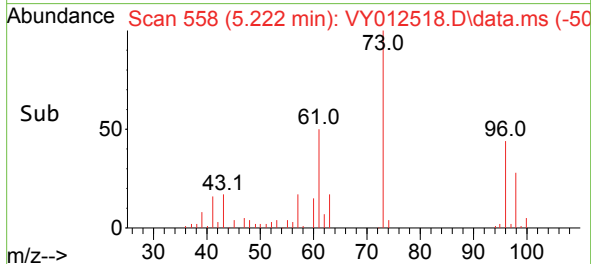
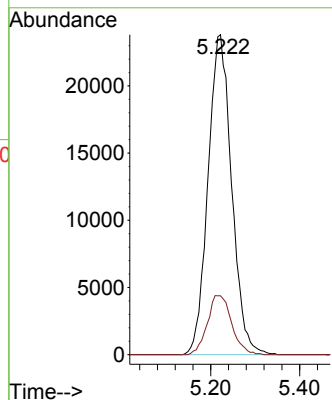
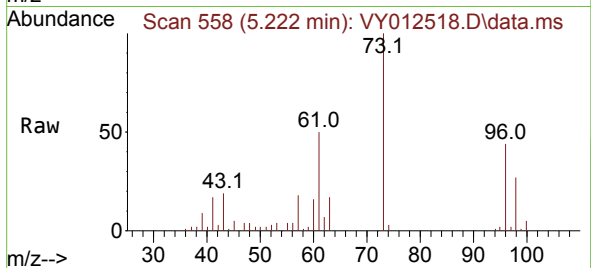
VY0207SBS01

Tgt Ion: 73 Resp: 87868

Ion Ratio Lower Upper

73 100

57 18.4 15.3 22.9



#20

Methylene Chloride

Concen: 21.885 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Tgt Ion: 84 Resp: 39795

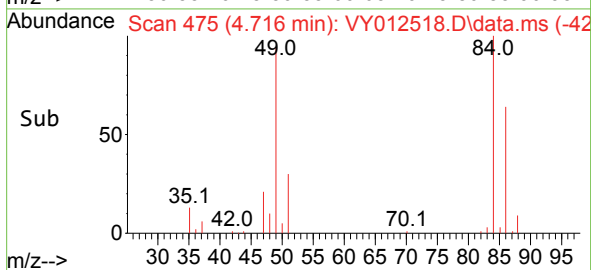
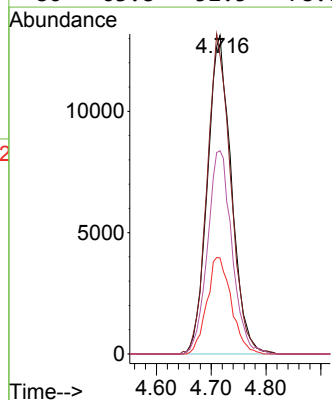
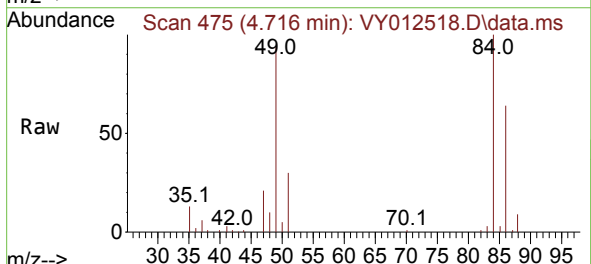
Ion Ratio Lower Upper

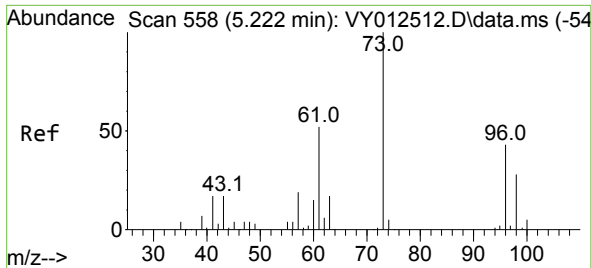
84 100

49 93.8 79.8 119.6

51 30.2 23.4 35.2

86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.678 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

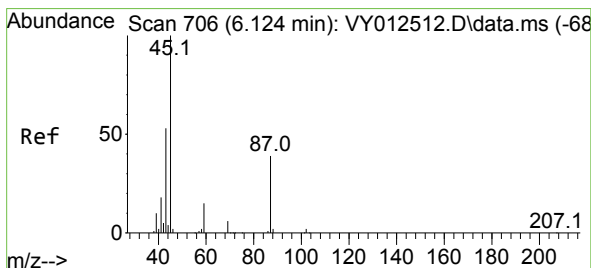
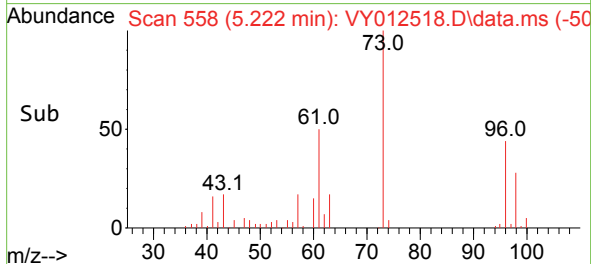
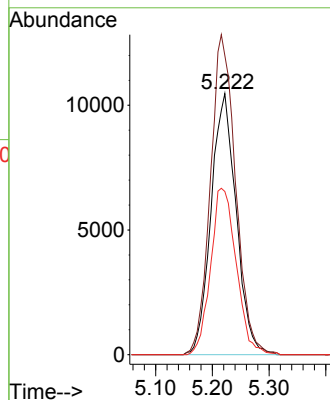
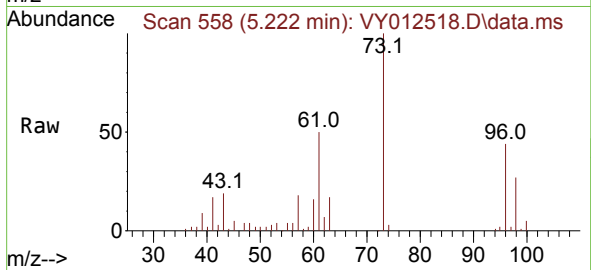
Tgt Ion: 96 Resp: 32214

Ion Ratio Lower Upper

96 100

61 114.6 96.2 144.4

98 62.5 51.6 77.4



#22

Diisopropyl ether

Concen: 21.252 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Tgt Ion: 45 Resp: 75262

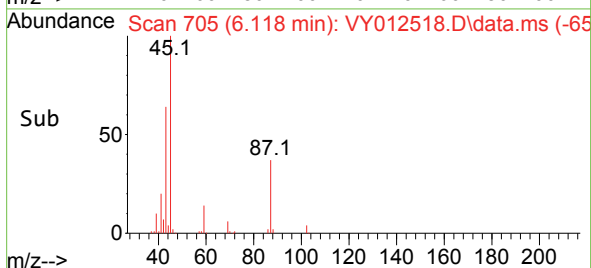
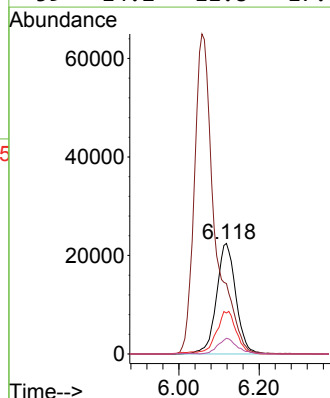
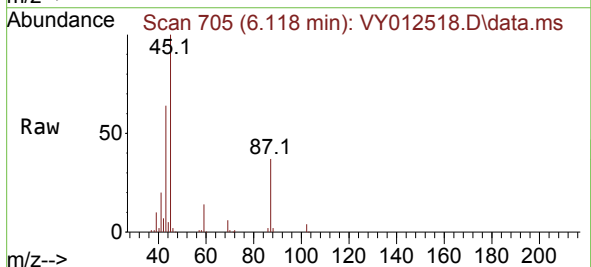
Ion Ratio Lower Upper

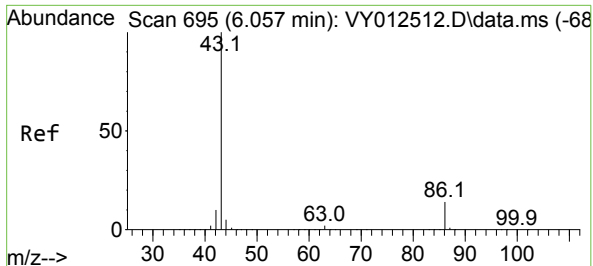
45 100

43 63.2 45.9 68.9

87 37.0 32.2 48.4

59 14.2 11.8 17.8

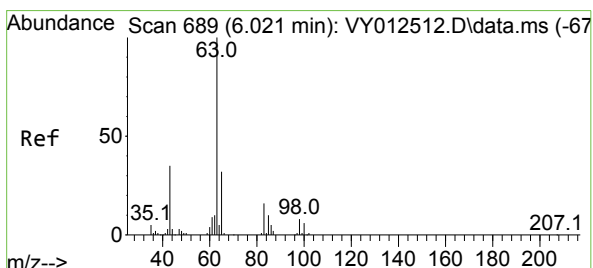
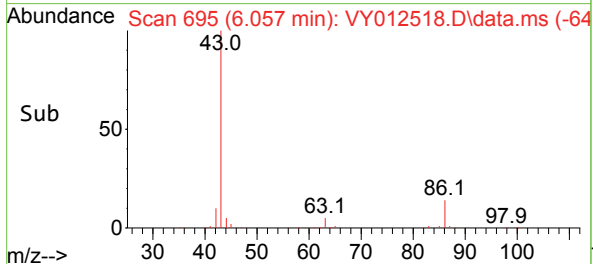
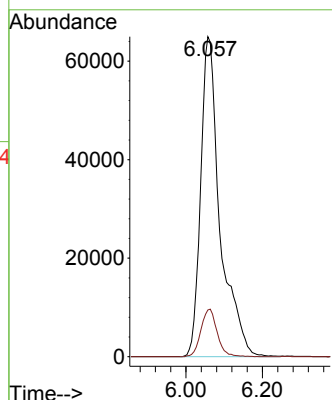
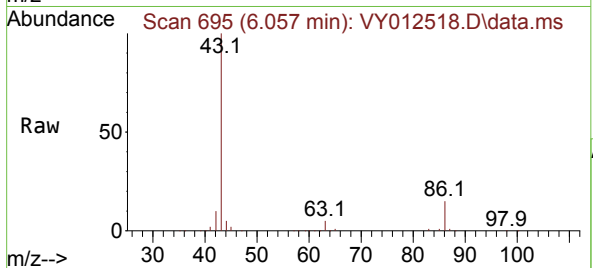




#23
 Vinyl Acetate
 Concen: 107.109 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

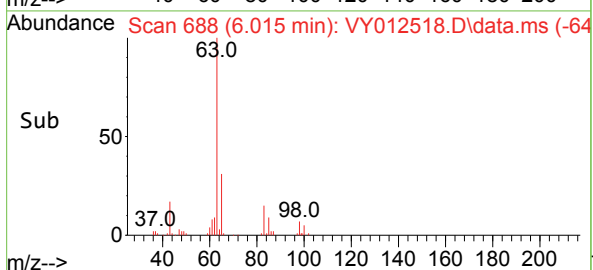
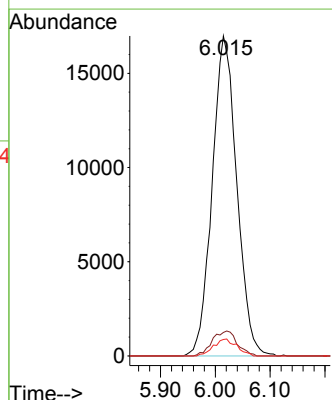
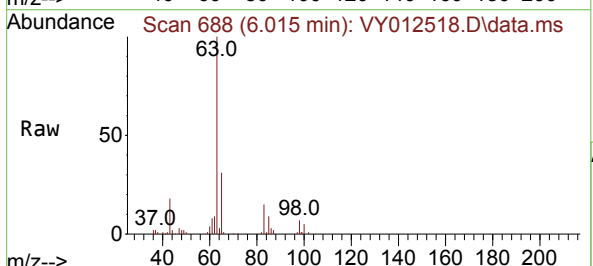
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

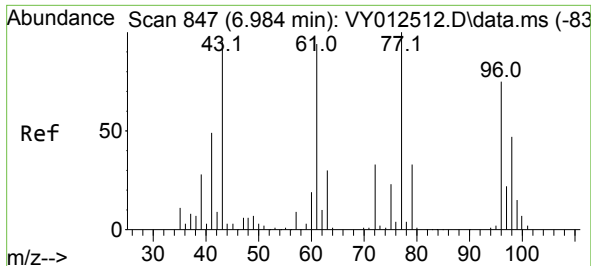
Tgt Ion: 43 Resp: 228673
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 20.887 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

Tgt Ion: 63 Resp: 52880
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.1 12.3
 100 5.2 2.9 8.8





#25

2-Butanone

Concen: 102.617 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

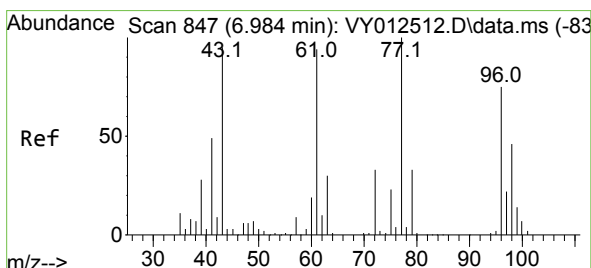
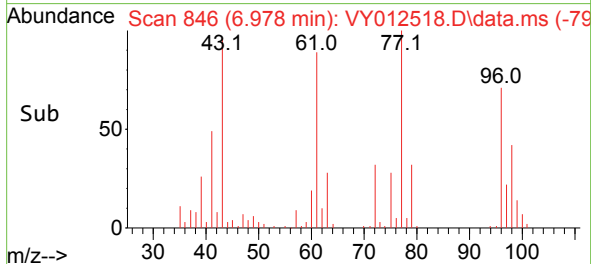
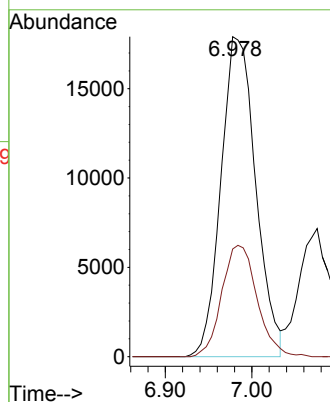
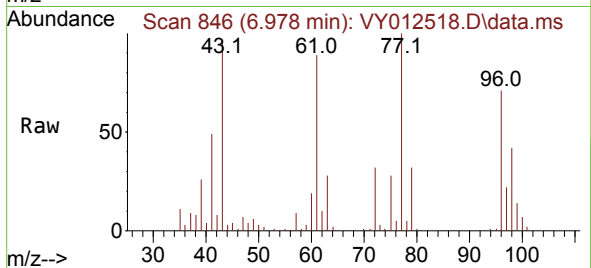
VY0207SBS01

Tgt Ion: 43 Resp: 50001

Ion Ratio Lower Upper

43 100

72 33.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.339 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012518.D

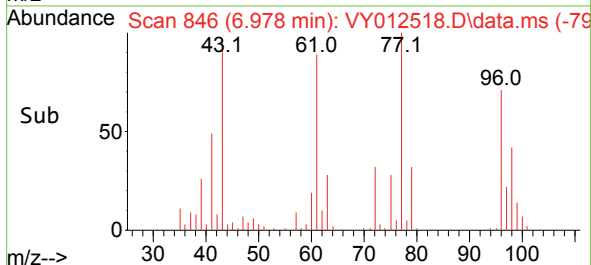
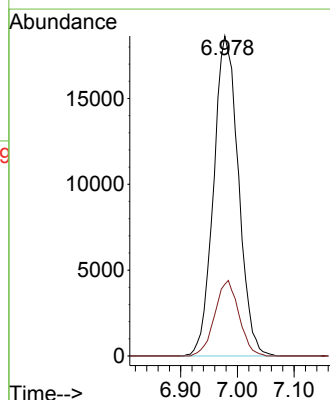
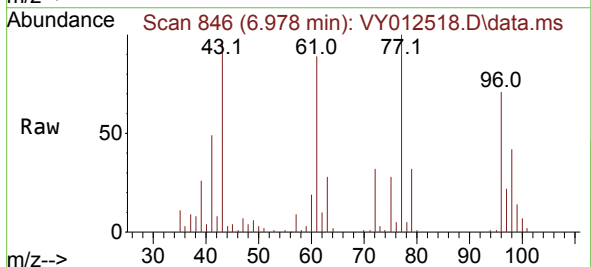
Acq: 07 Feb 2023 14:58

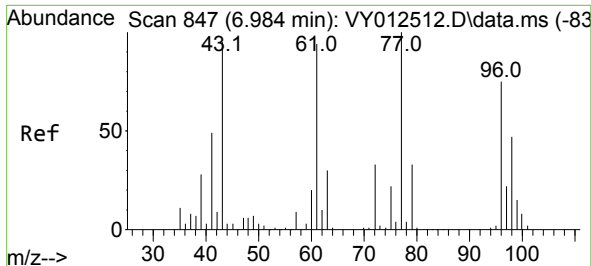
Tgt Ion: 77 Resp: 56576

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.711 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

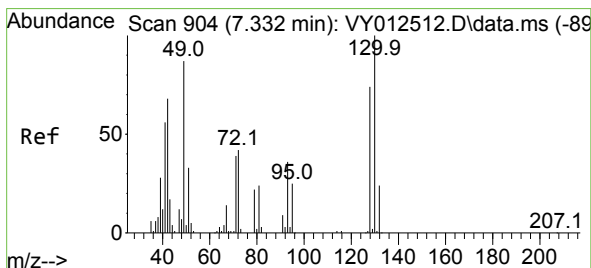
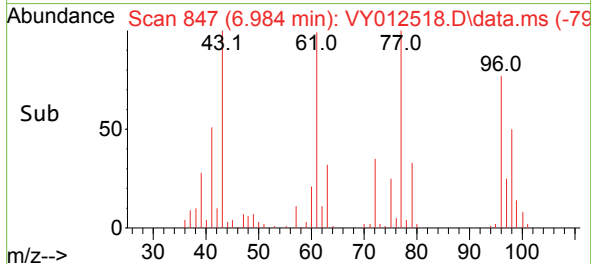
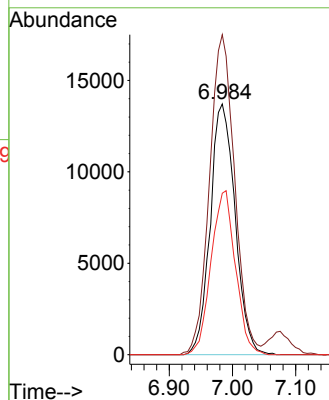
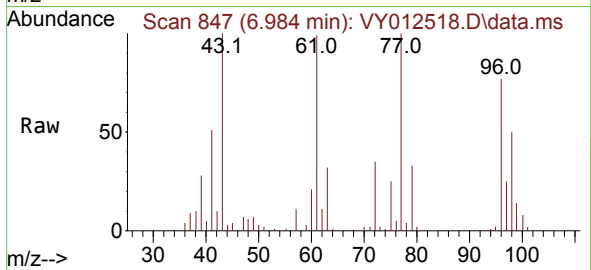
Tgt Ion: 96 Resp: 37444

Ion Ratio Lower Upper

96 100

61 129.2 0.0 259.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 21.506 ug/l

RT: 7.337 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

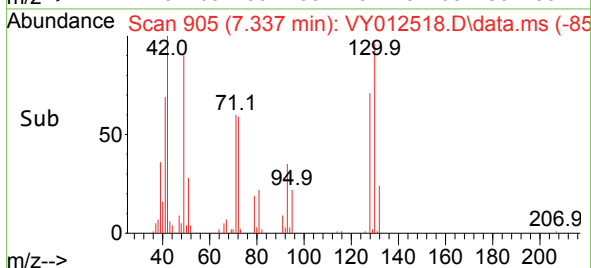
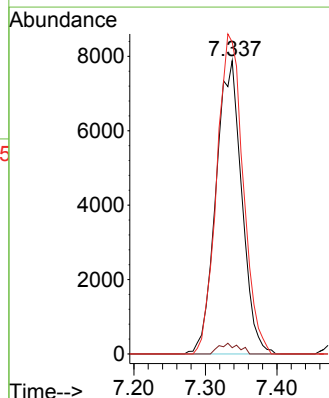
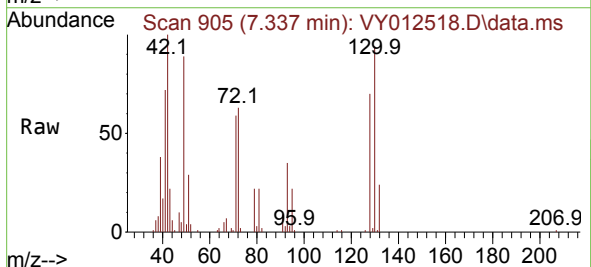
Tgt Ion: 49 Resp: 19792

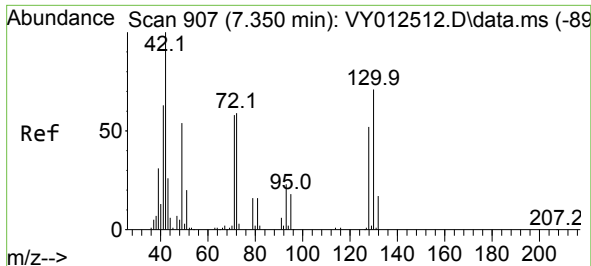
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 111.5 93.1 139.7





#29

Tetrahydrofuran

Concen: 107.270 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

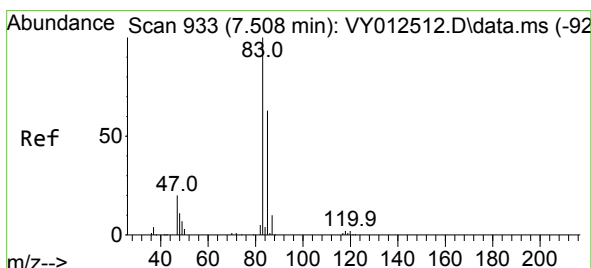
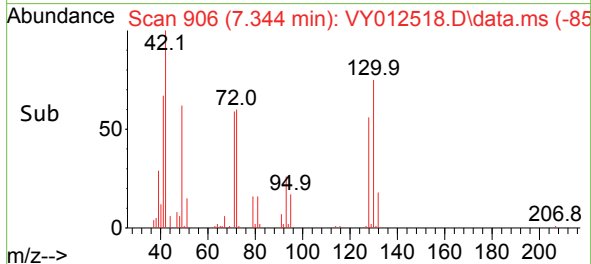
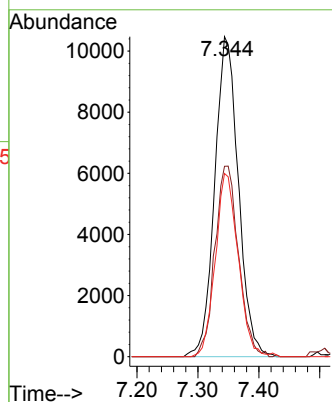
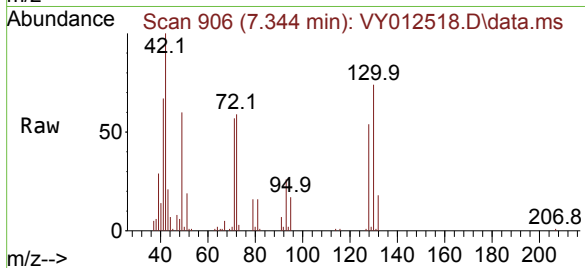
Tgt Ion: 42 Resp: 28257

Ion Ratio Lower Upper

42 100

72 59.4 47.0 70.6

71 55.4 44.6 66.8



#30

Chloroform

Concen: 20.236 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012518.D

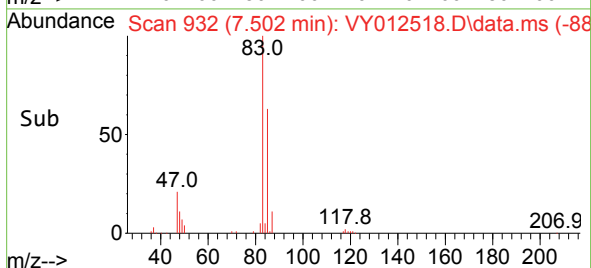
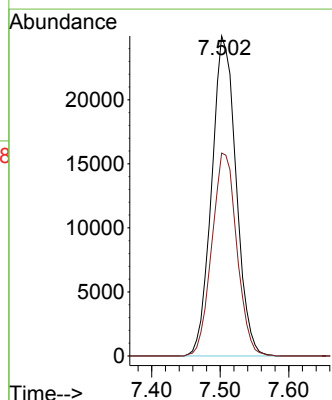
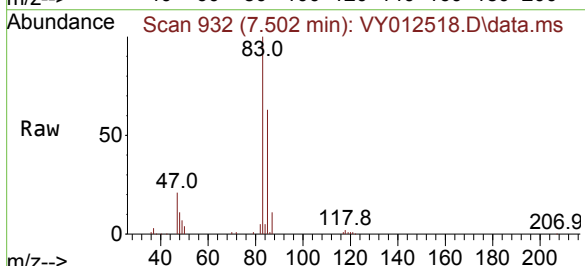
Acq: 07 Feb 2023 14:58

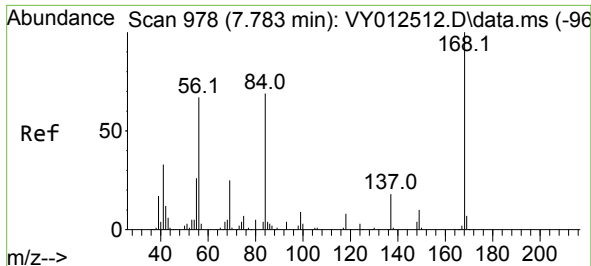
Tgt Ion: 83 Resp: 61769

Ion Ratio Lower Upper

83 100

85 63.4 50.8 76.2

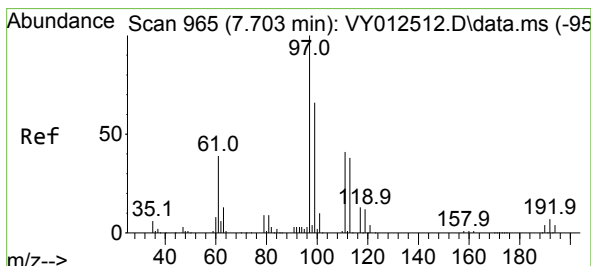
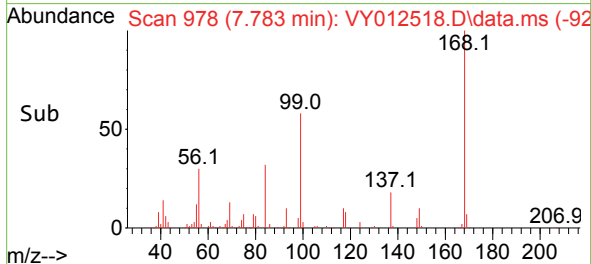
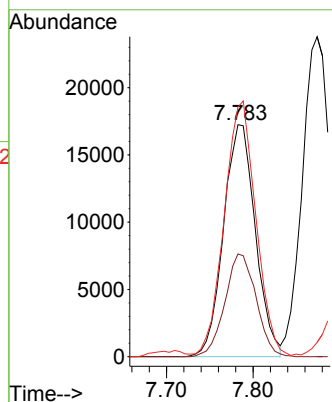
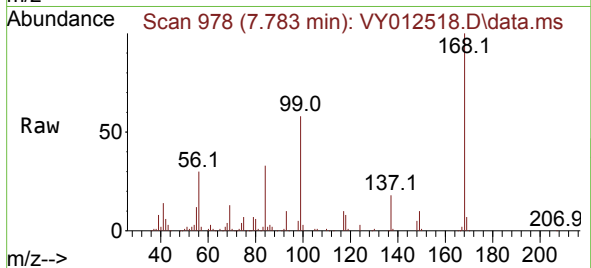




#31
Cyclohexane
Concen: 20.885 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

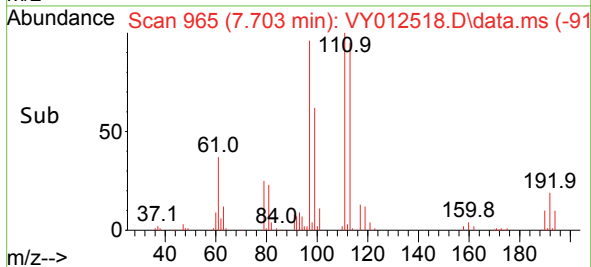
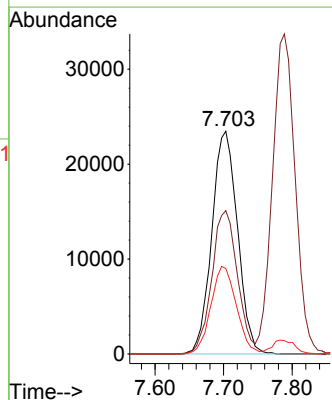
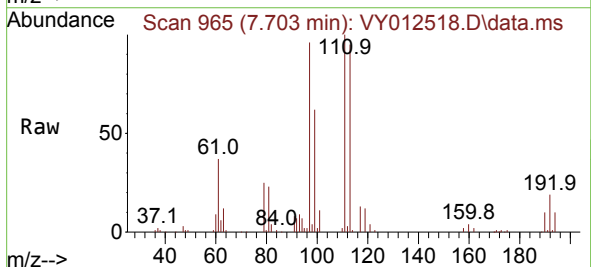
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

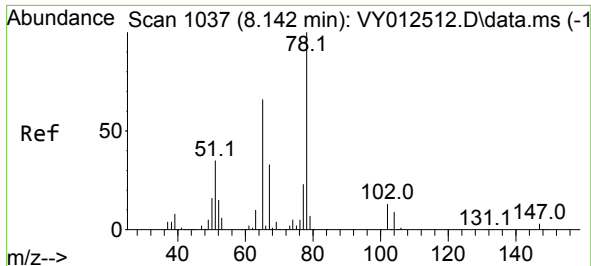
Tgt Ion: 56 Resp: 44059
Ion Ratio Lower Upper
56 100
69 44.3 29.5 44.3
84 105.4 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 20.579 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 97 Resp: 60954
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 39.0 30.5 45.7

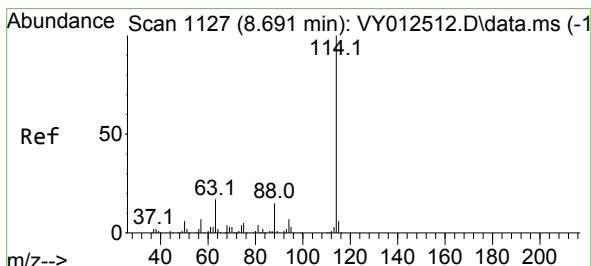
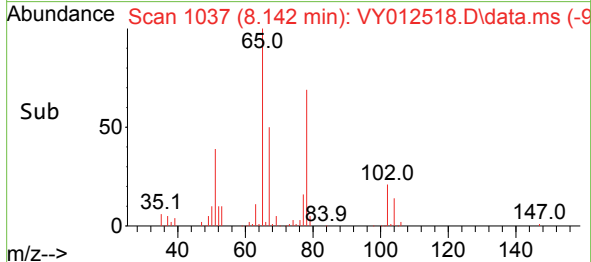
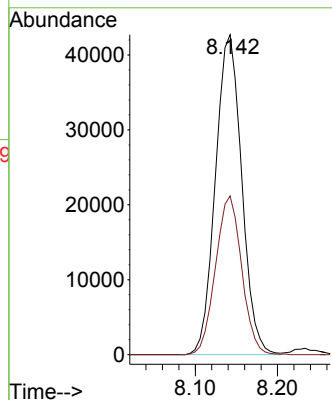
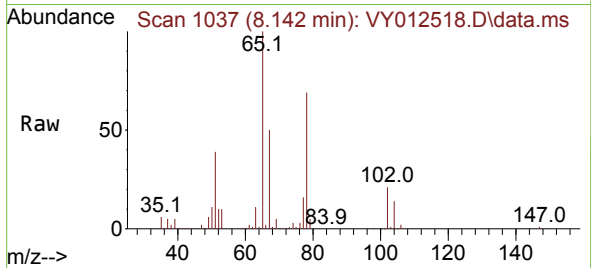




#33
 1,2-Dichloroethane-d4
 Concen: 51.899 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

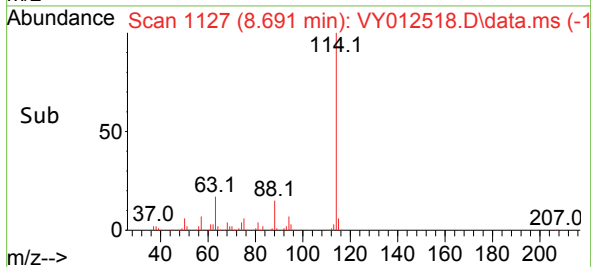
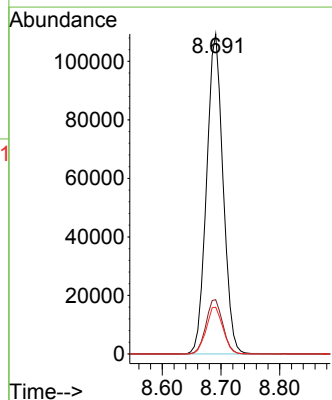
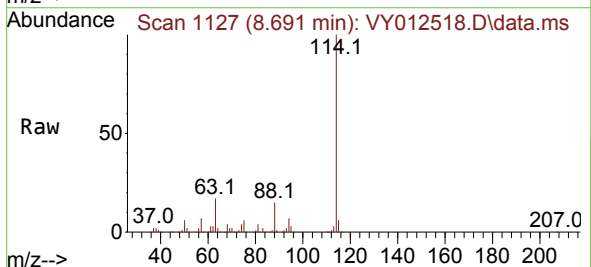
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

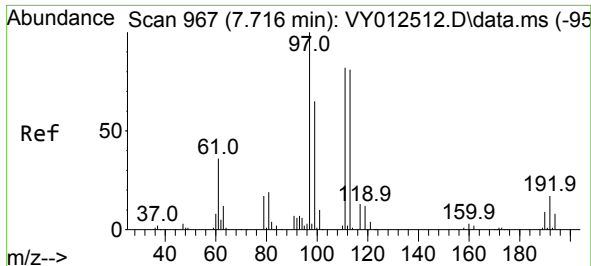
Tgt Ion: 65 Resp: 94697
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

Tgt Ion: 114 Resp: 212371
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.6 0.0 29.8

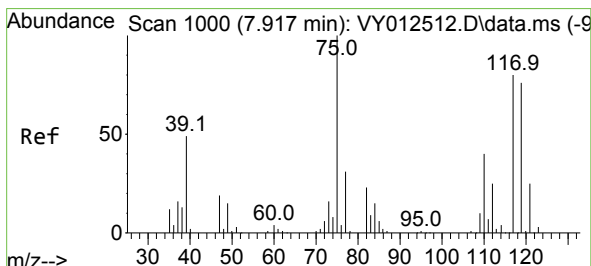
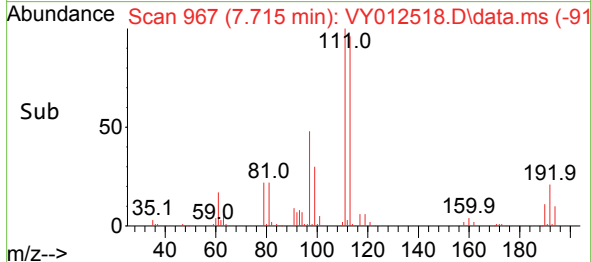
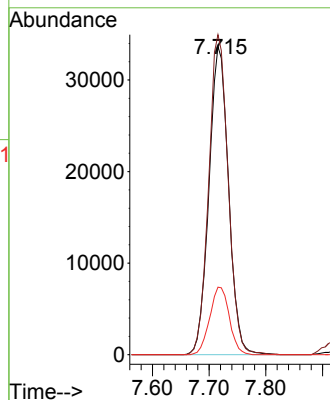
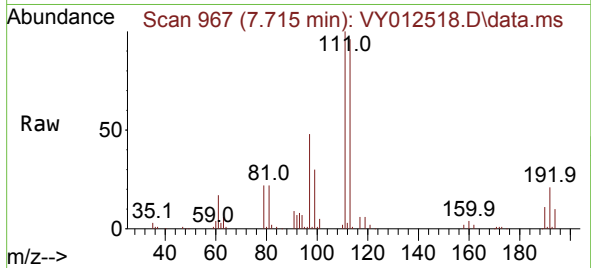




#35
Dibromofluoromethane
Concen: 52.156 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

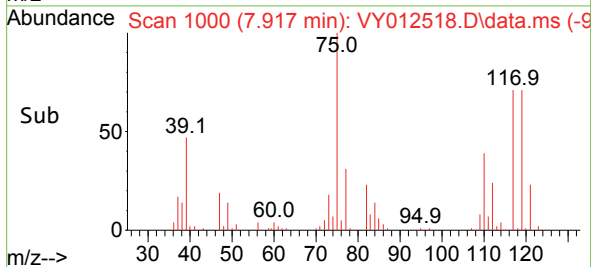
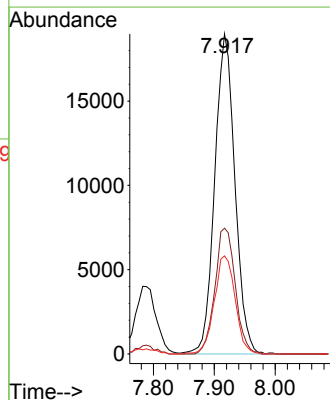
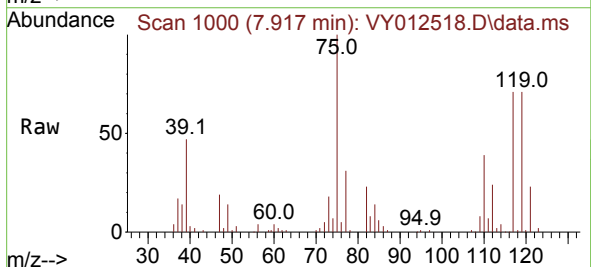
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

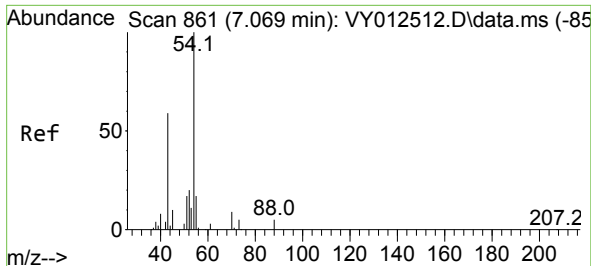
Tgt Ion:113 Resp: 80665
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.896 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 75 Resp: 43739
Ion Ratio Lower Upper
75 100
110 39.6 19.5 58.5
77 31.7 24.9 37.3





#37

Ethyl Acetate

Concen: 20.768 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

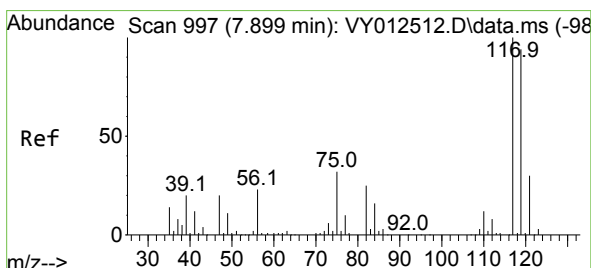
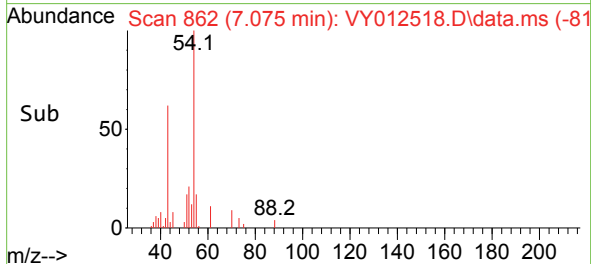
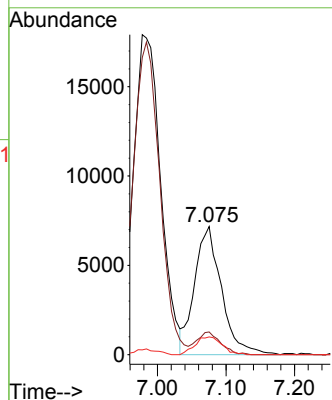
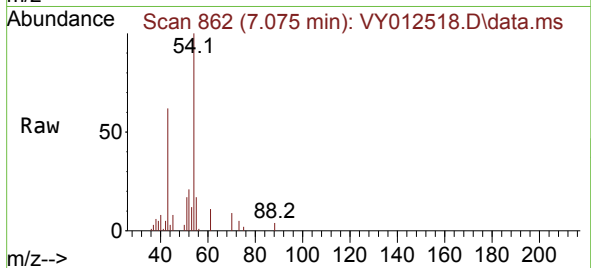
Tgt Ion: 43 Resp: 19616

Ion Ratio Lower Upper

43 100

61 15.7 12.5 18.7

70 13.8 11.0 16.4



#38

Carbon Tetrachloride

Concen: 20.612 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

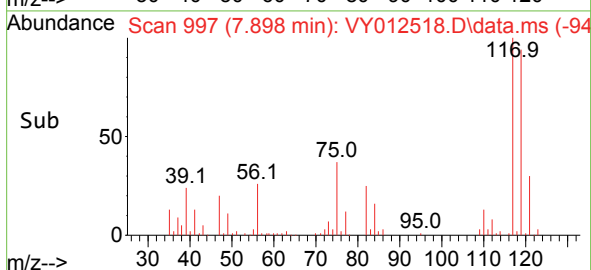
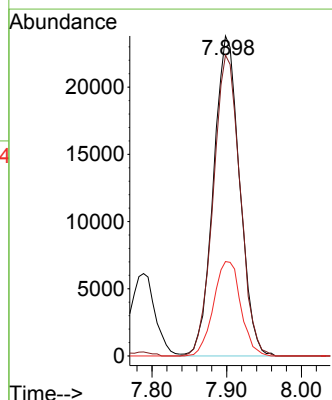
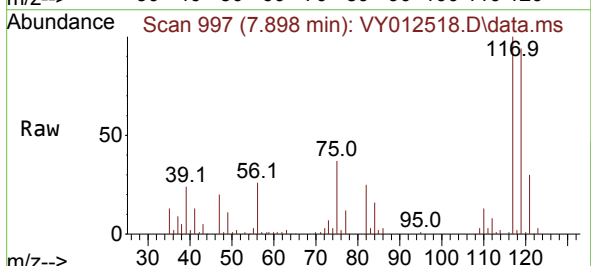
Tgt Ion: 117 Resp: 57915

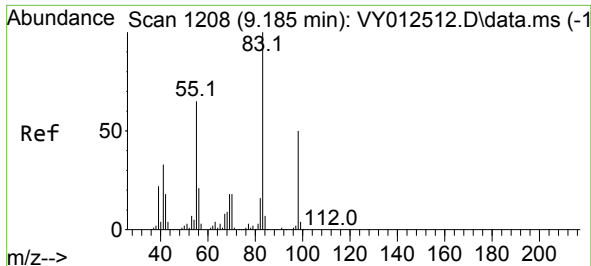
Ion Ratio Lower Upper

117 100

119 94.0 75.1 112.7

121 29.5 24.3 36.5





#39

Methylcyclohexane

Concen: 21.296 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

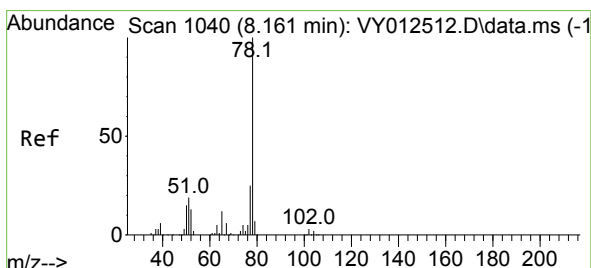
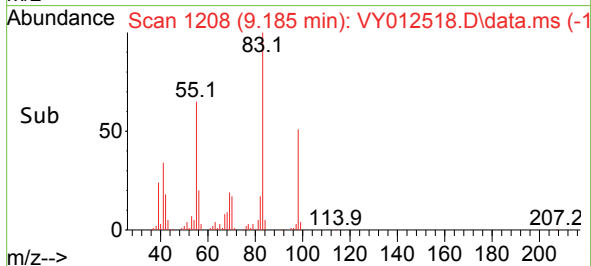
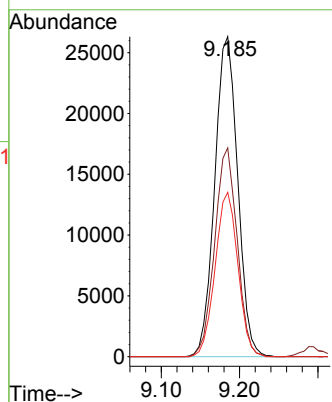
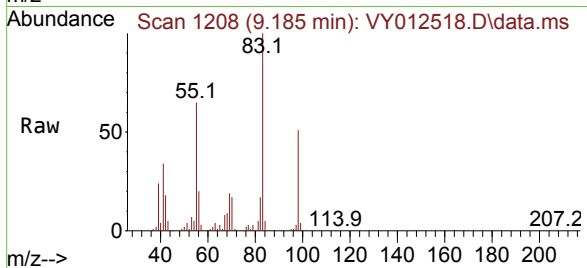
Tgt Ion: 83 Resp: 53639

Ion Ratio Lower Upper

83 100

55 65.2 52.0 78.0

98 51.4 40.4 60.6



#40

Benzene

Concen: 20.787 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012518.D

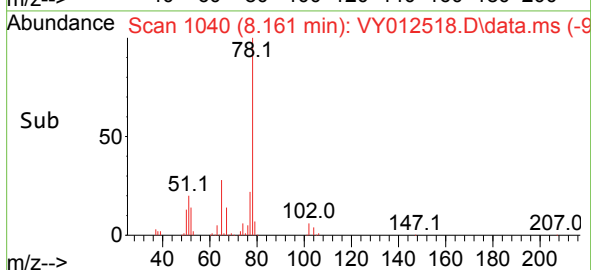
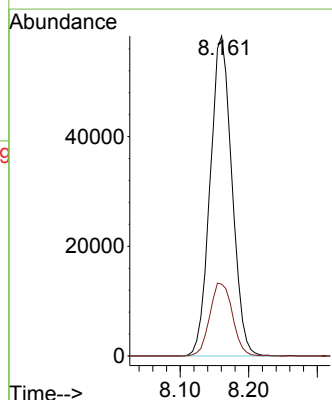
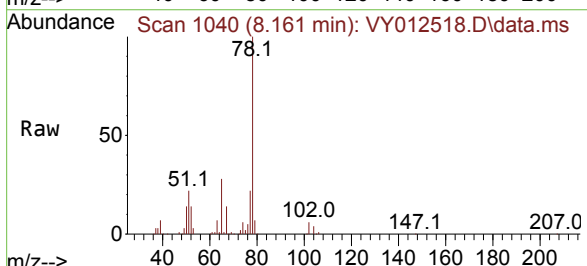
Acq: 07 Feb 2023 14:58

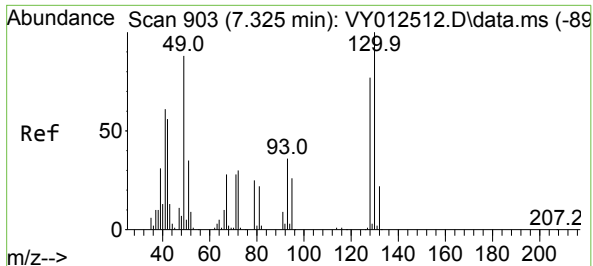
Tgt Ion: 78 Resp: 128511

Ion Ratio Lower Upper

78 100

77 22.4 19.9 29.9

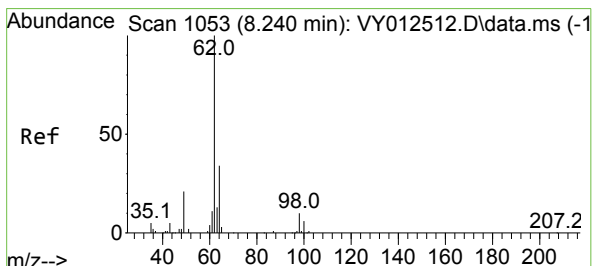
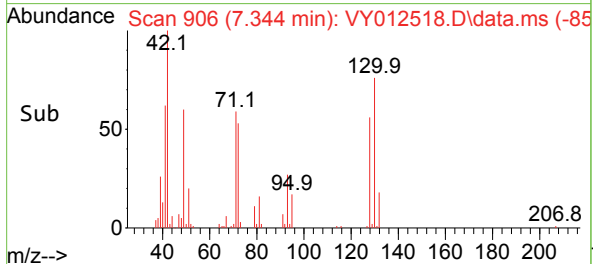
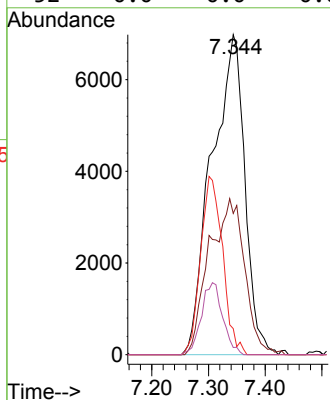
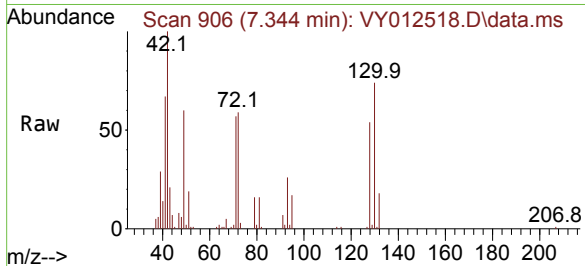




#41
Methacrylonitrile
Concen: 54.540 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

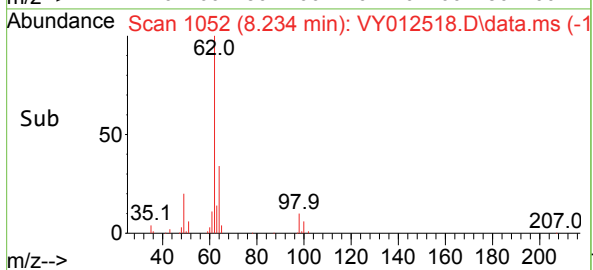
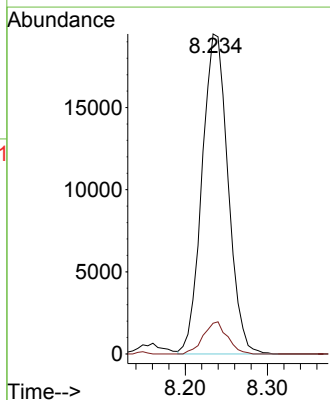
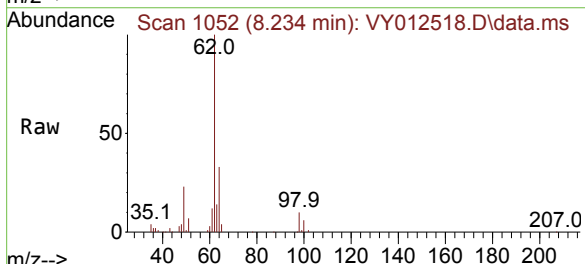
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

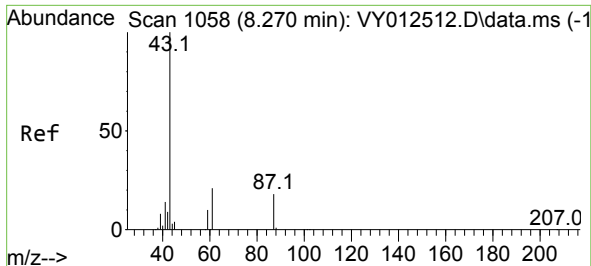
Tgt Ion: 41 Resp: 28222
Ion Ratio Lower Upper
41 100
39 52.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.379 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 62 Resp: 42840
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2

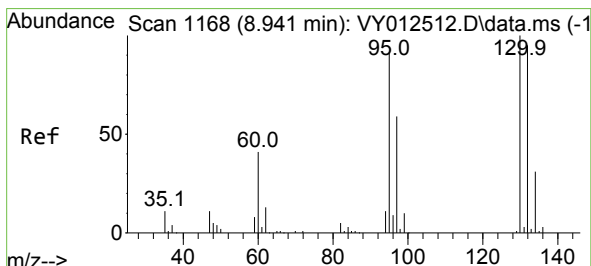
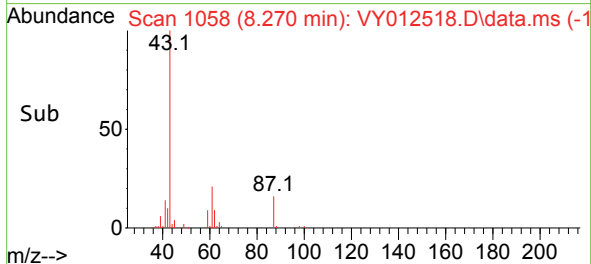
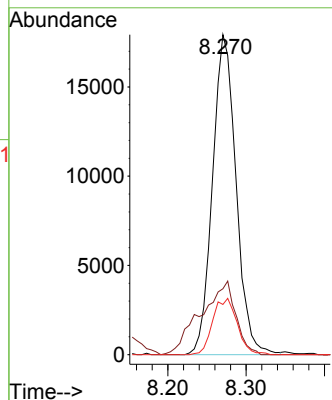
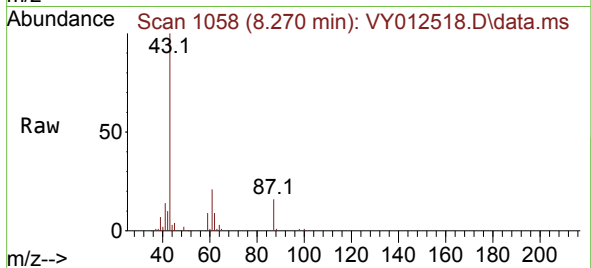




#43
Isopropyl Acetate
Concen: 21.391 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

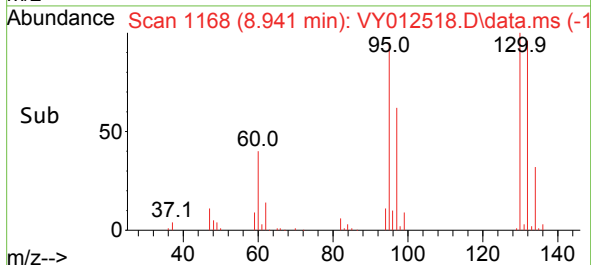
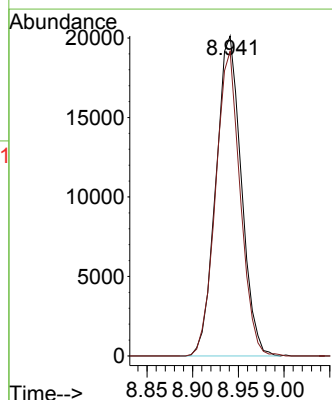
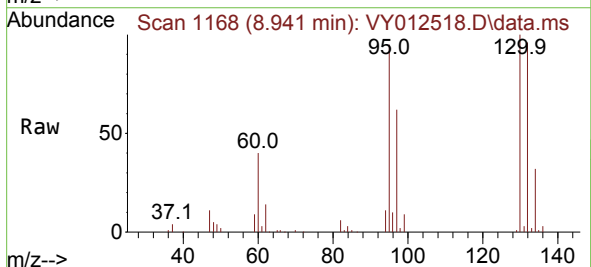
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

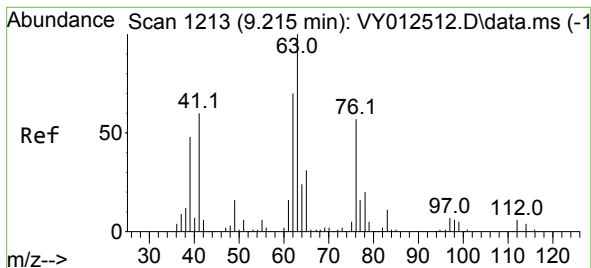
Tgt Ion: 43 Resp: 37461
Ion Ratio Lower Upper
43 100
61 34.1 27.2 40.8
87 18.4 15.0 22.4



#44
Trichloroethene
Concen: 20.697 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:130 Resp: 38951
Ion Ratio Lower Upper
130 100
95 95.2 0.0 181.2





#45

1,2-Dichloropropane

Concen: 20.769 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

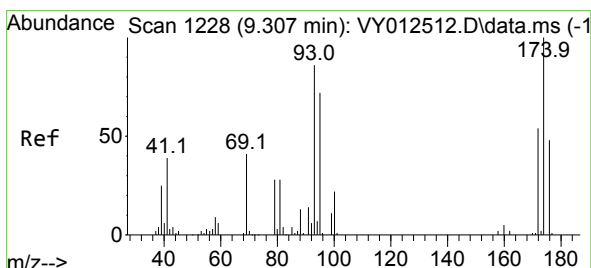
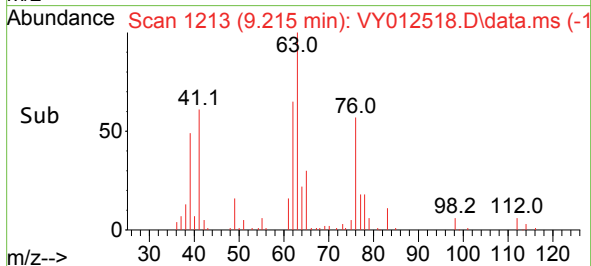
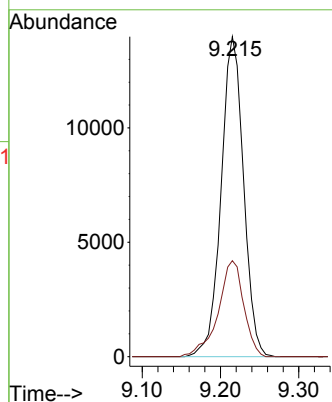
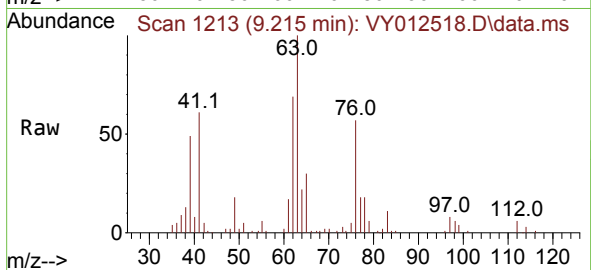
VY0207SBS01

Tgt Ion: 63 Resp: 27843

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 20.773 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

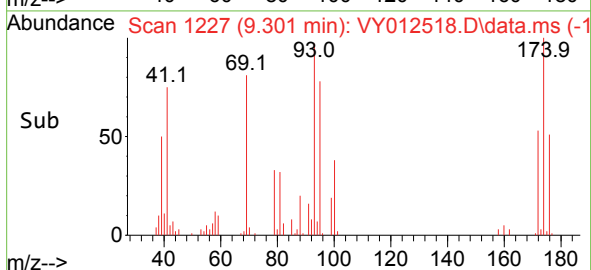
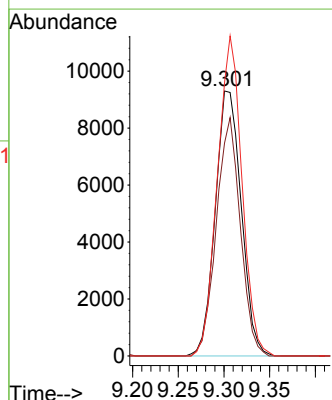
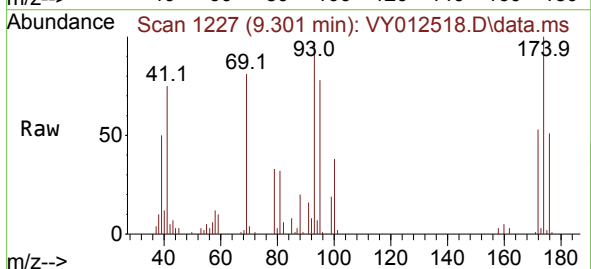
Tgt Ion: 93 Resp: 18439

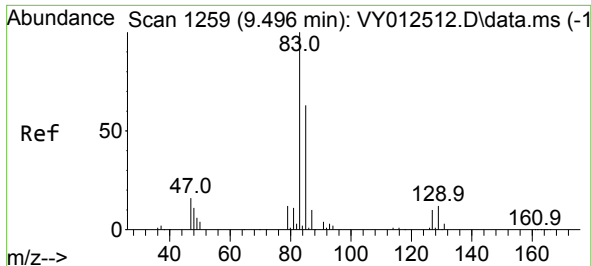
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 114.1 93.4 140.2

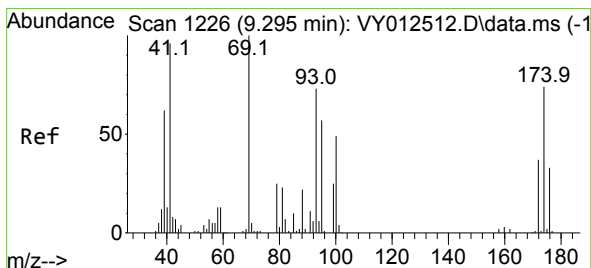
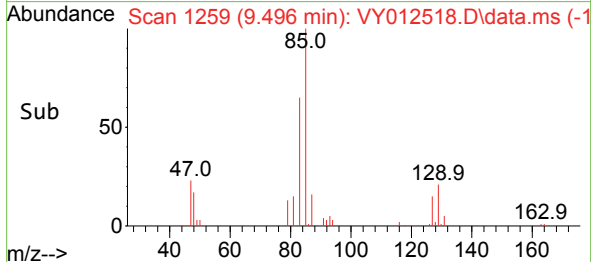
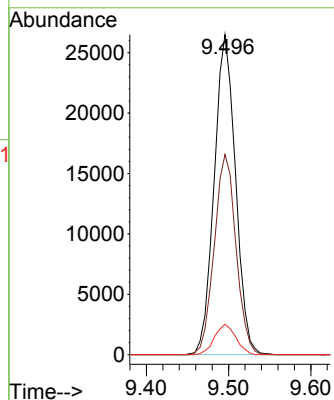
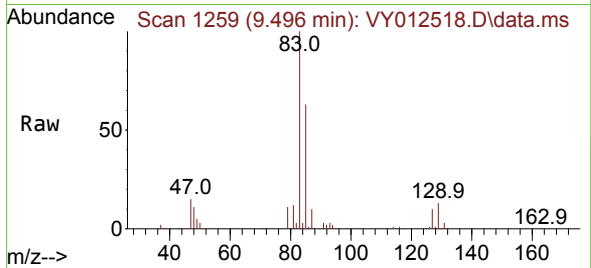




#47
Bromodichloromethane
Concen: 20.745 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

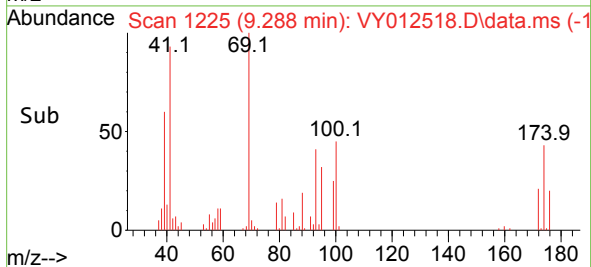
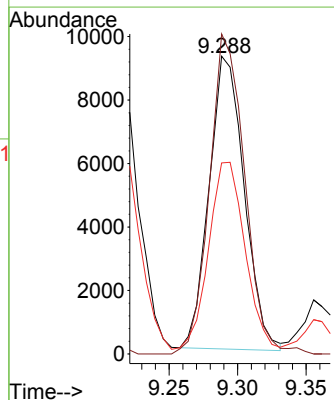
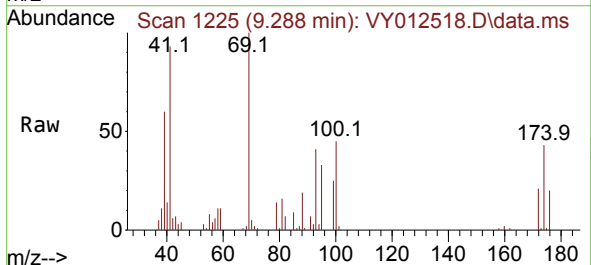
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

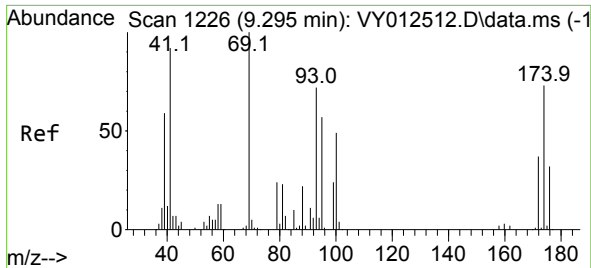
Tgt Ion: 83	Resp: 47745		
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.7	76.1
127	9.5	8.1	12.1



#48
Methyl methacrylate
Concen: 20.529 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 41	Resp: 16433		
Ion Ratio	Lower	Upper	
41	100		
69	109.3	85.4	128.2
39	66.5	52.7	79.1

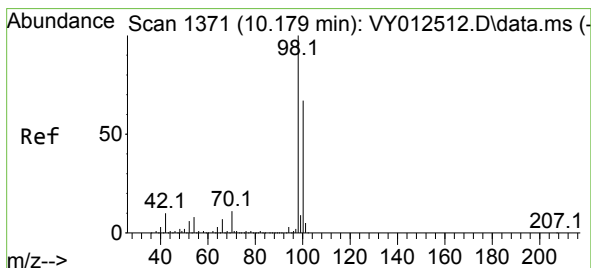
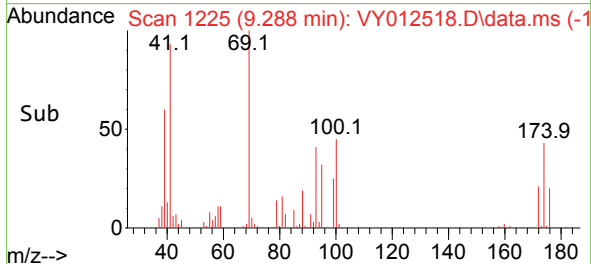
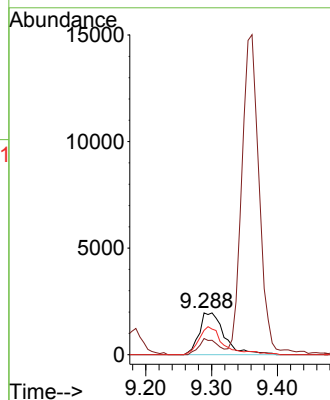
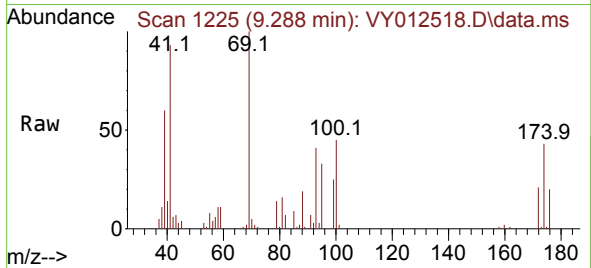




#49
1,4-Dioxane
Concen: 427.630 ug/l
RT: 9.288 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

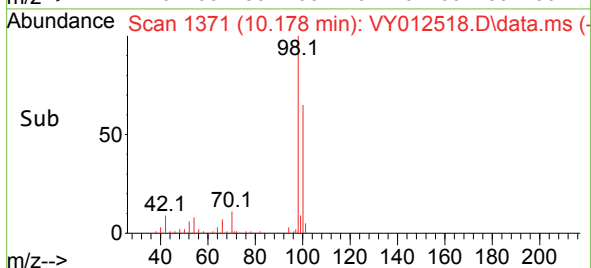
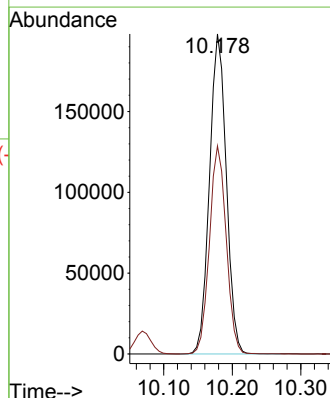
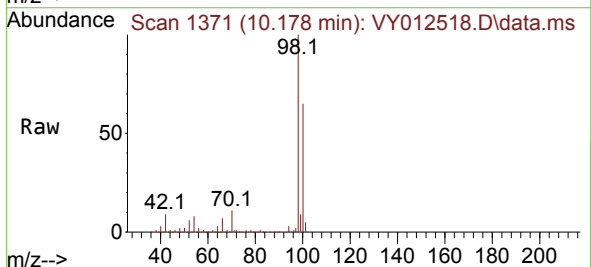
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

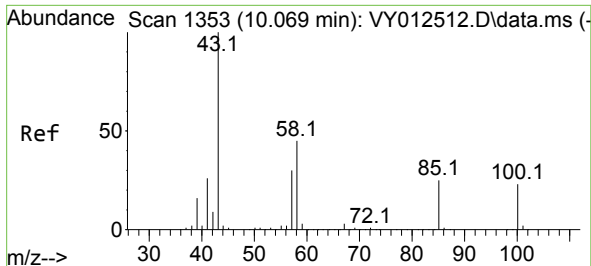
Tgt Ion: 88 Resp: 5240
Ion Ratio Lower Upper
88 100
43 28.3 22.6 33.8
58 59.4 45.4 68.0



#50
Toluene-d8
Concen: 52.486 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 98 Resp: 337877
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

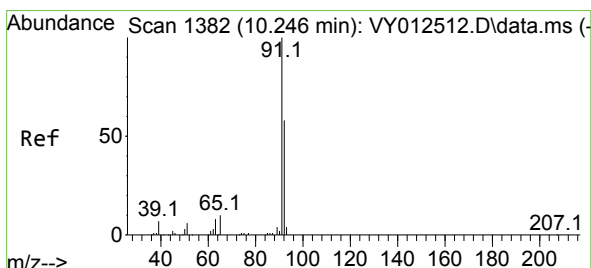
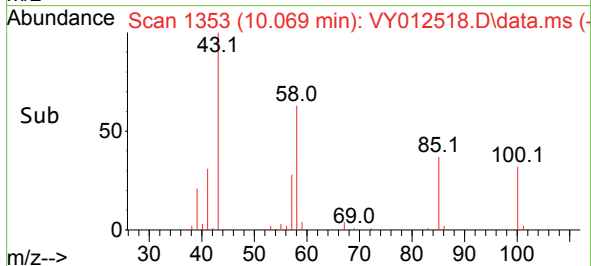
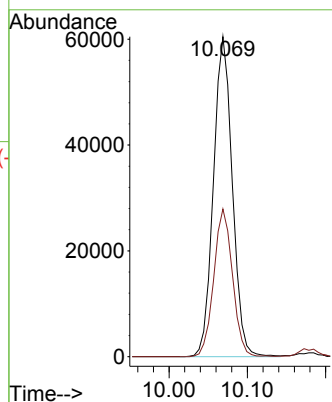
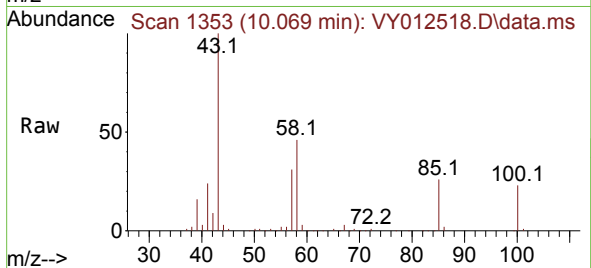




#51
4-Methyl-2-Pentanone
Concen: 107.452 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

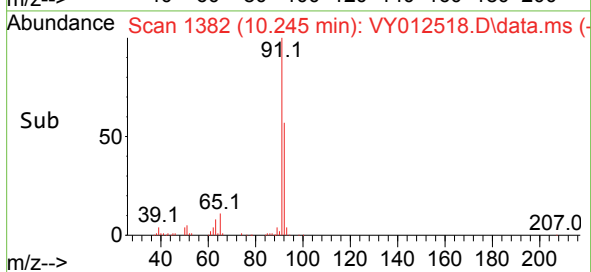
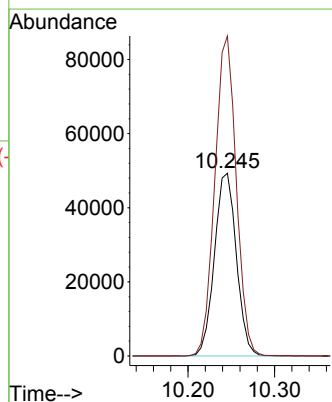
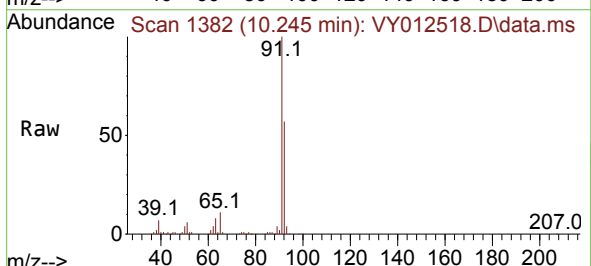
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

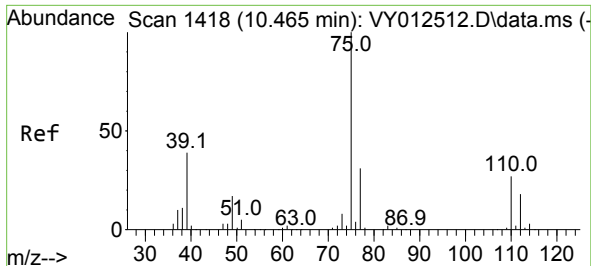
Tgt Ion: 43 Resp: 101524
Ion Ratio Lower Upper
43 100
58 45.8 36.2 54.2



#52
Toluene
Concen: 20.667 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 92 Resp: 86647
Ion Ratio Lower Upper
92 100
91 171.3 137.2 205.8

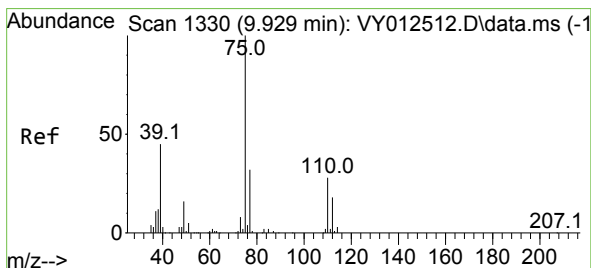
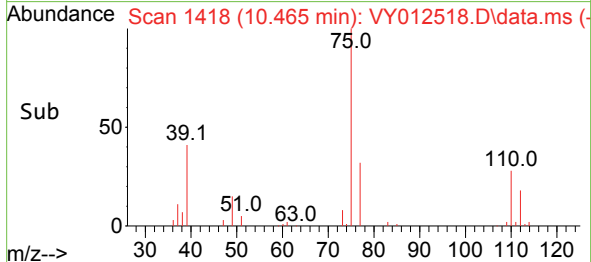
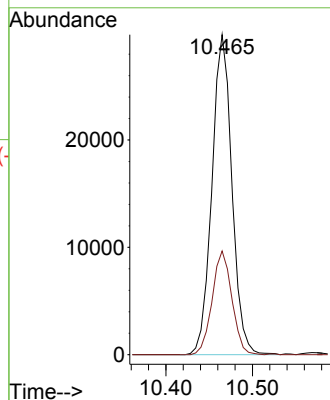
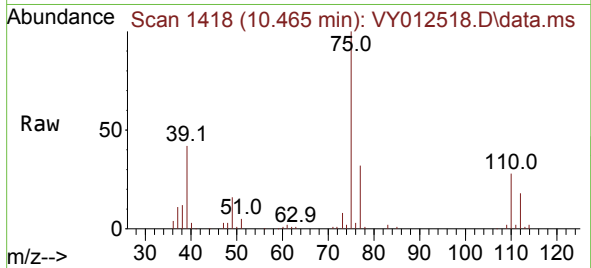




#53
 t-1,3-Dichloropropene
 Concen: 20.593 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

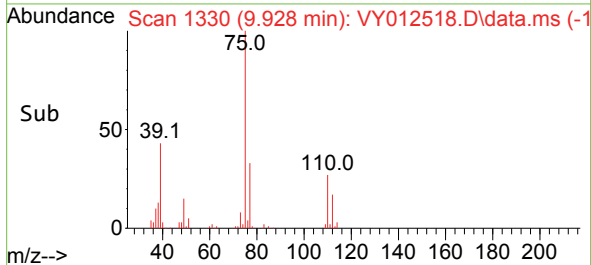
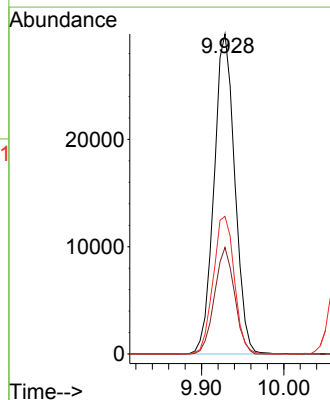
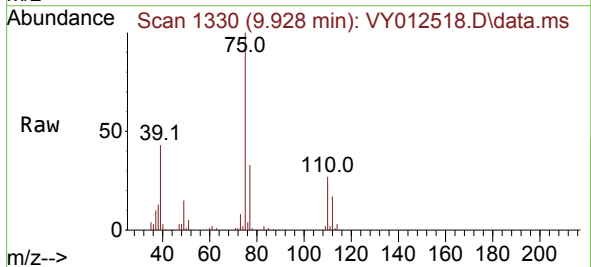
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

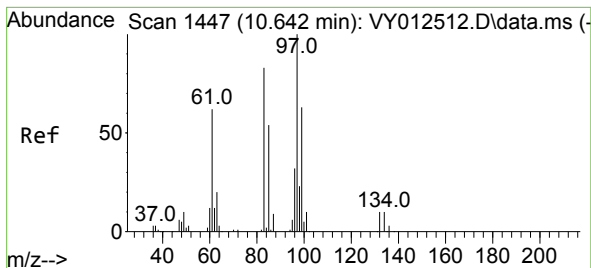
Tgt Ion: 75 Resp: 47760
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.832 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012518.D
 Acq: 07 Feb 2023 14:58

Tgt Ion: 75 Resp: 52282
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.7 38.5
 39 43.0 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 20.931 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

Tgt Ion: 97 Resp: 27148

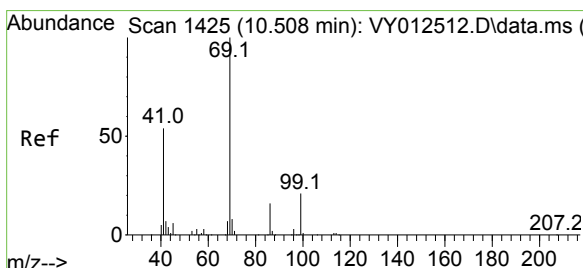
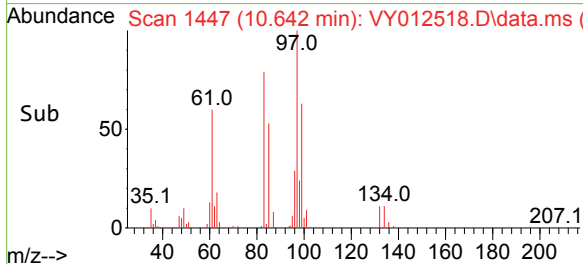
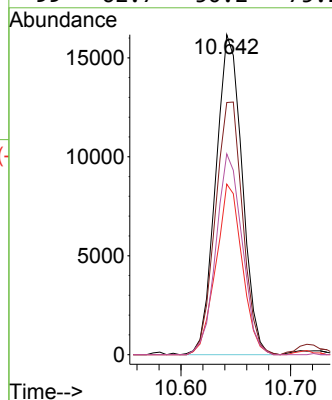
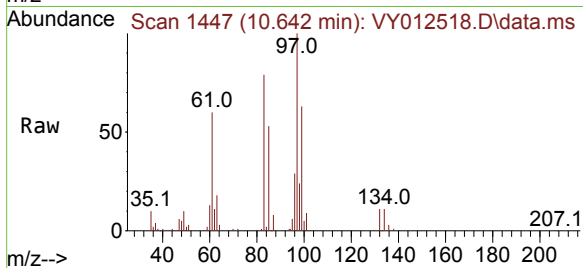
Ion Ratio Lower Upper

97 100

83 78.8 66.0 99.0

85 53.3 43.1 64.7

99 62.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 21.282 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

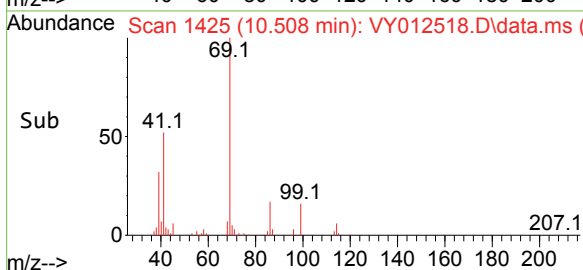
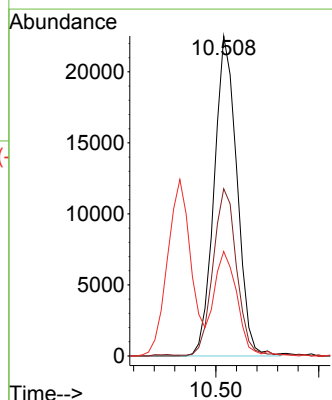
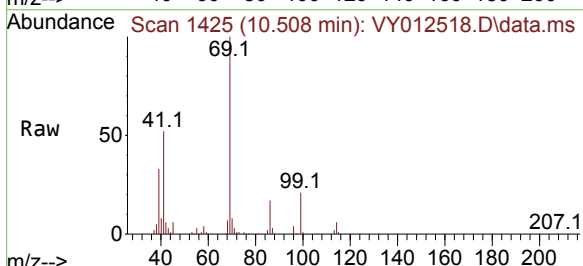
Tgt Ion: 69 Resp: 34680

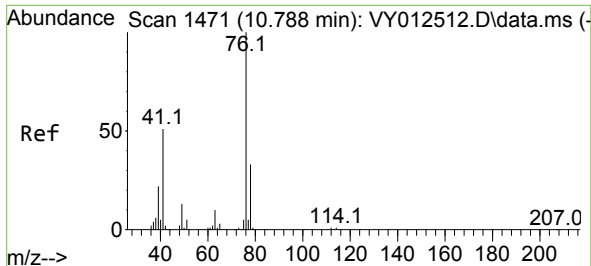
Ion Ratio Lower Upper

69 100

41 54.7 43.4 65.2

39 33.0 26.5 39.7





#57

1,3-Dichloropropane

Concen: 20.802 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

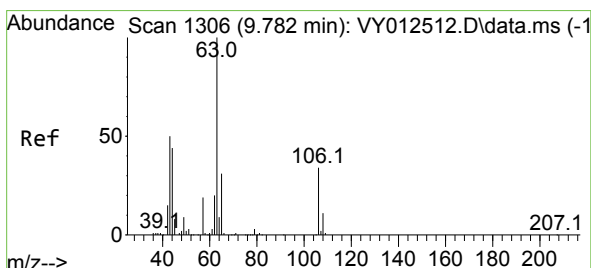
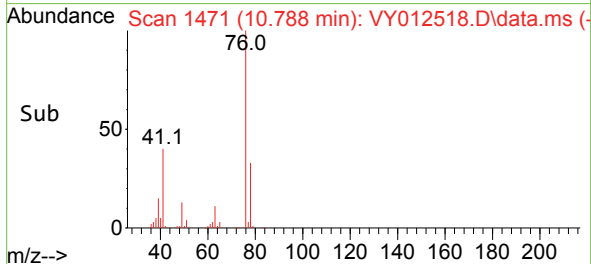
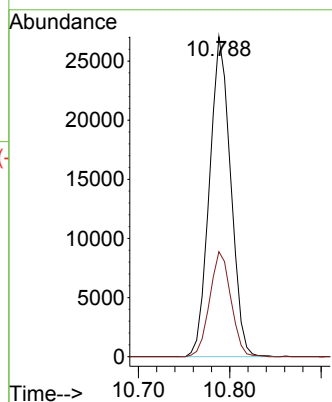
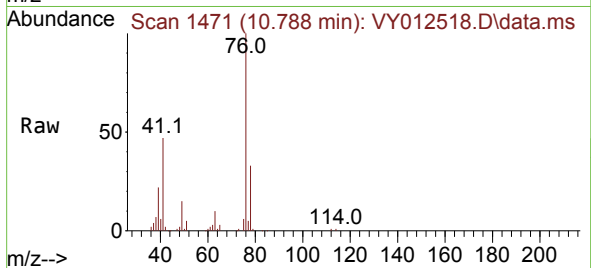
VY0207SBS01

Tgt Ion: 76 Resp: 43545

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 113.157 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012518.D

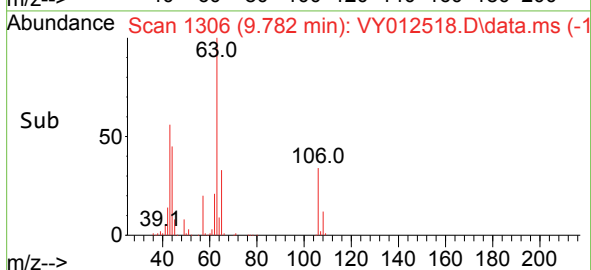
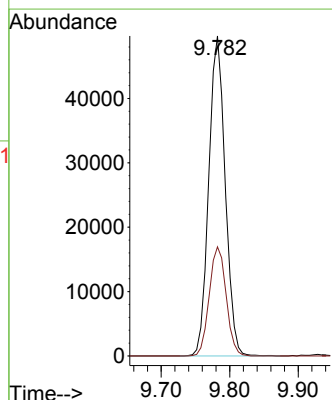
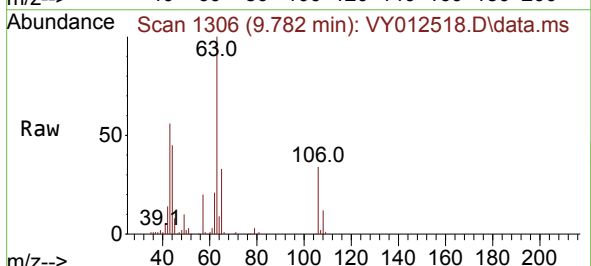
Acq: 07 Feb 2023 14:58

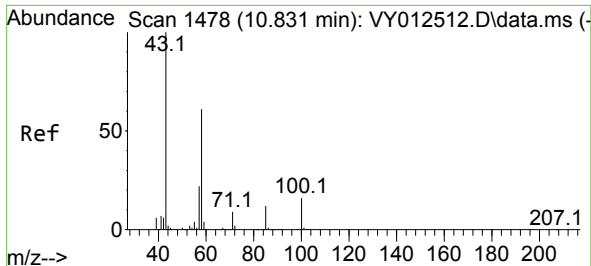
Tgt Ion: 63 Resp: 82881

Ion Ratio Lower Upper

63 100

106 35.0 28.0 42.0

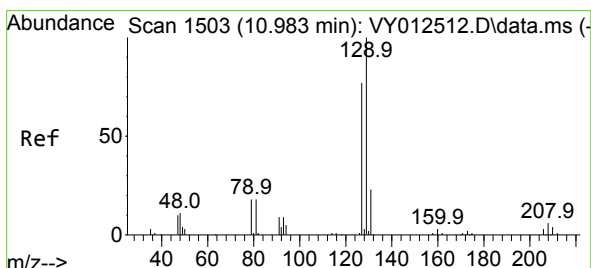
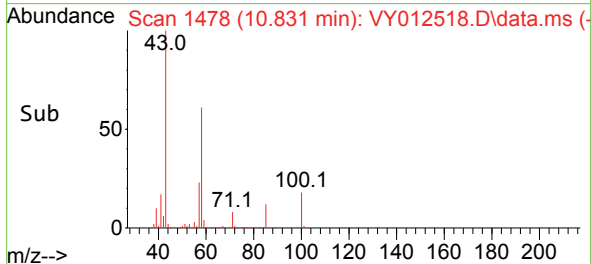
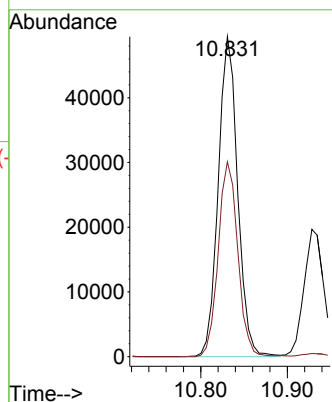
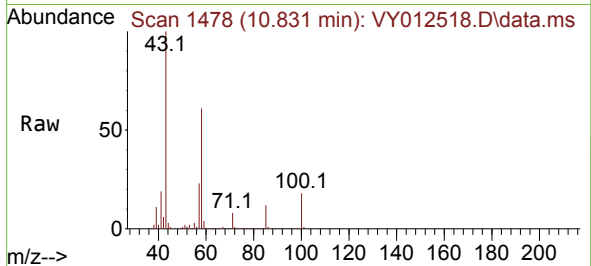




#59
2-Hexanone
Concen: 107.656 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

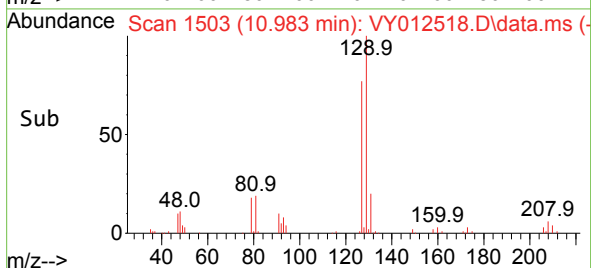
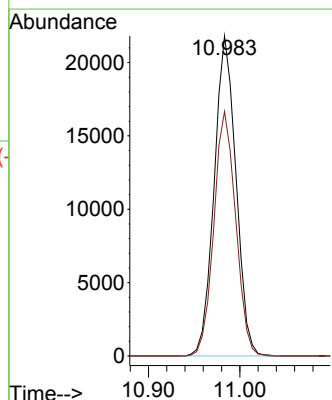
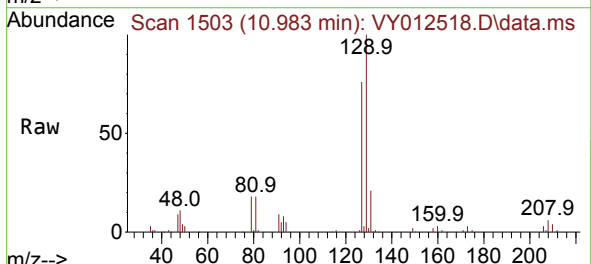
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

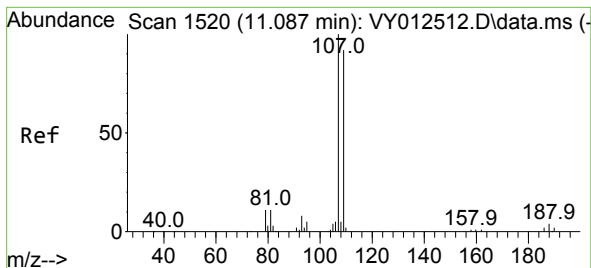
Tgt Ion: 43 Resp: 76869
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5



#60
Dibromochloromethane
Concen: 20.881 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 129 Resp: 36102
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

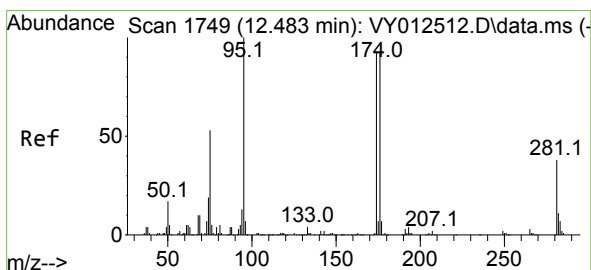
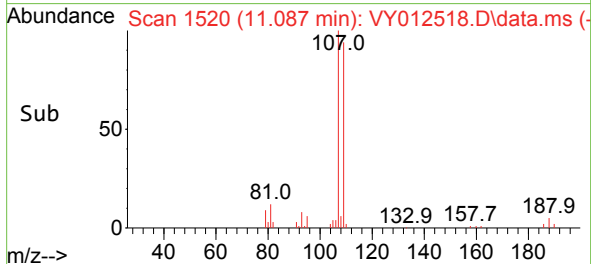
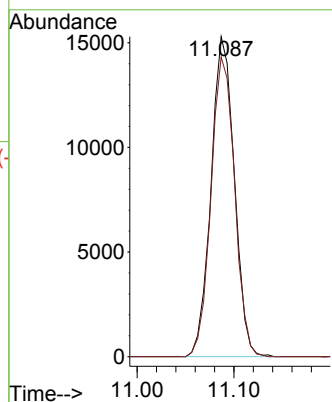
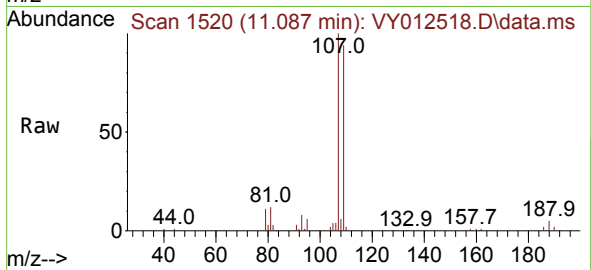




#61
1,2-Dibromoethane
Concen: 21.027 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

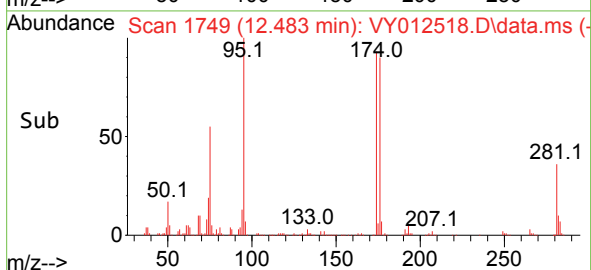
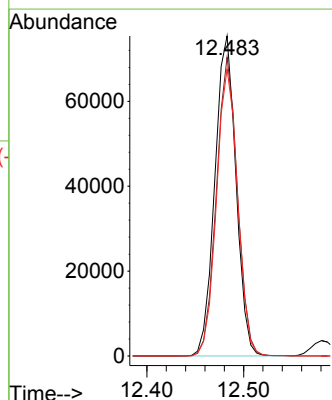
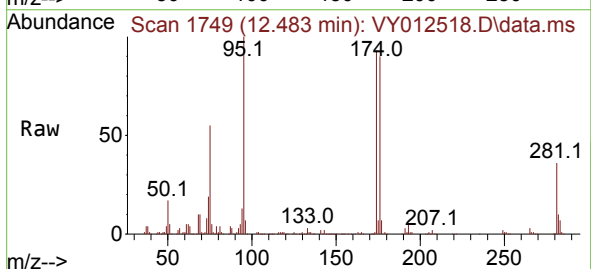
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

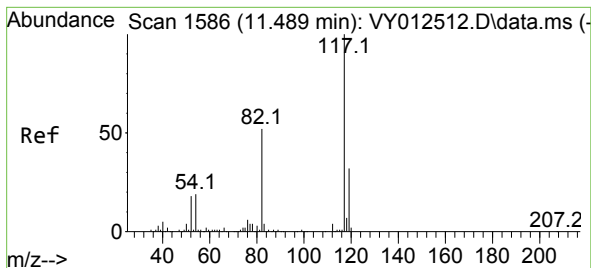
Tgt Ion:107 Resp: 25553
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 50.929 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 95 Resp: 114357
Ion Ratio Lower Upper
95 100
174 93.0 0.0 188.0
176 89.8 0.0 183.6

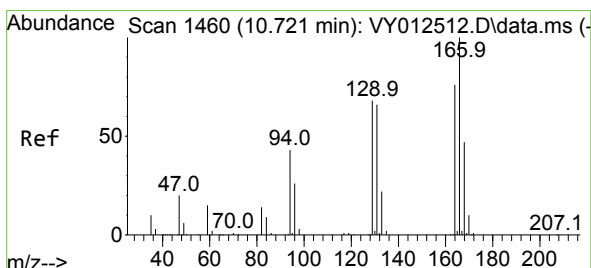
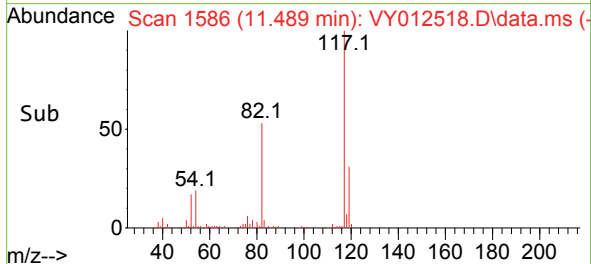
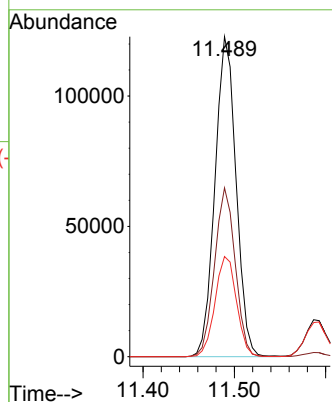
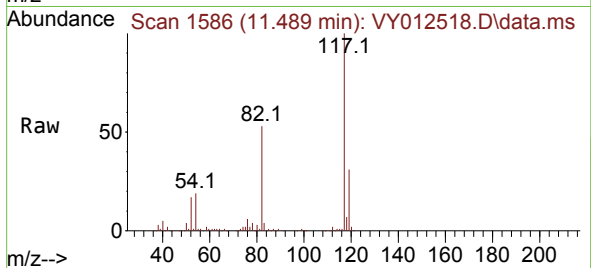




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

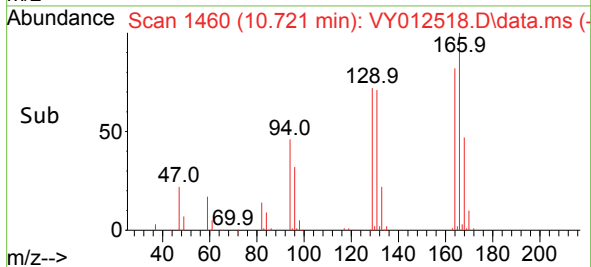
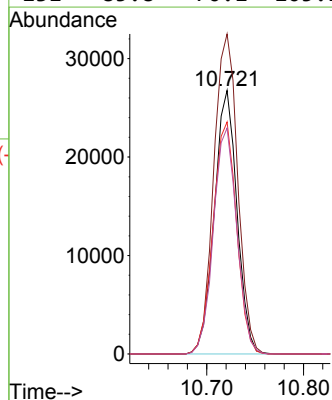
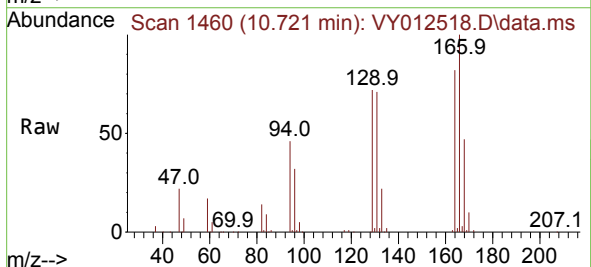
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

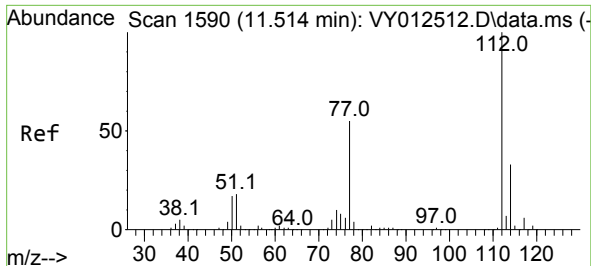
Tgt Ion:117 Resp: 196963
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 21.218 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:164 Resp: 43631
Ion Ratio Lower Upper
164 100
166 121.5 105.7 158.5
129 88.0 71.8 107.6
131 85.8 70.1 105.1

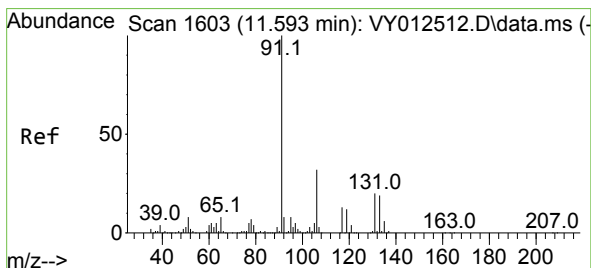
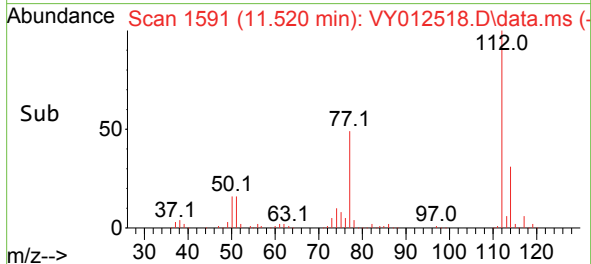
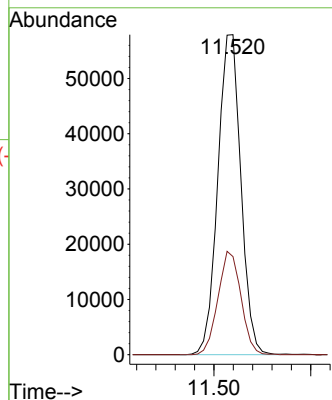
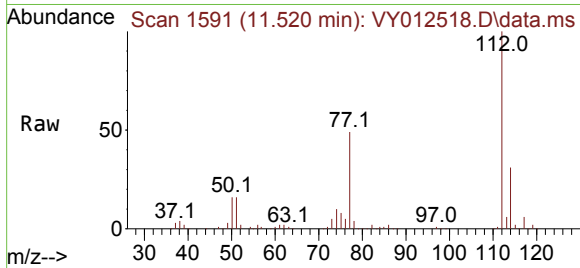




#65
Chlorobenzene
Concen: 20.508 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

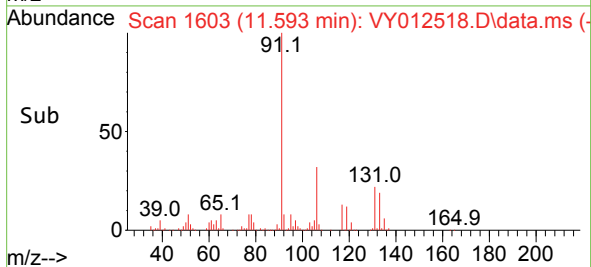
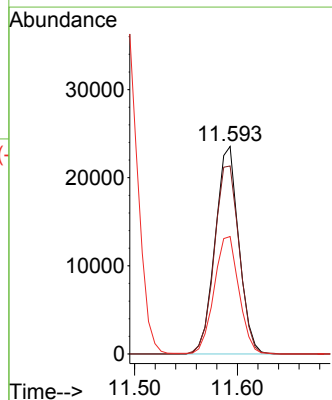
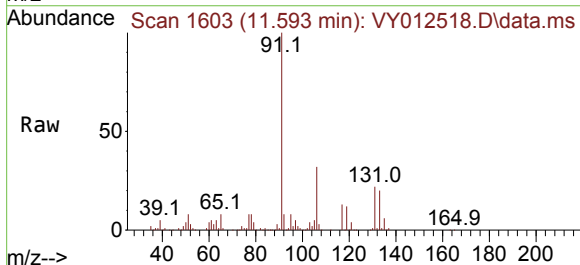
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

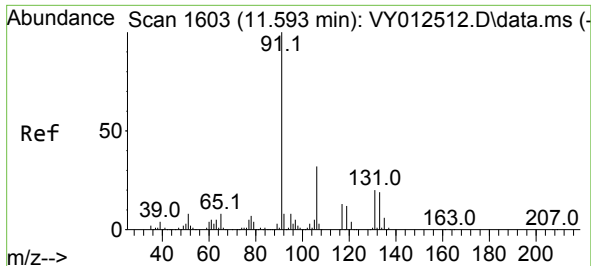
Tgt Ion:112 Resp: 95805
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.621 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:131 Resp: 37751
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 59.2 30.7 92.1





#67

Ethyl Benzene

Concen: 20.615 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

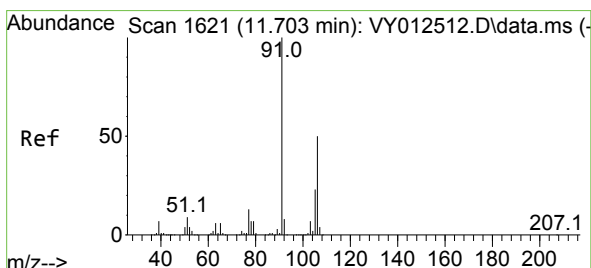
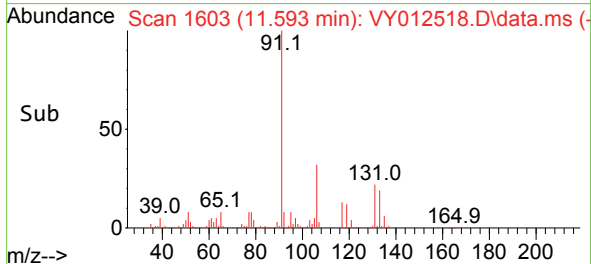
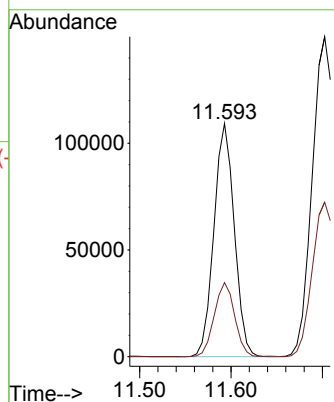
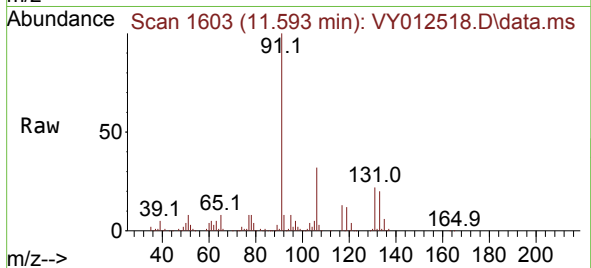
VY0207SBS01

Tgt Ion: 91 Resp: 169074

Ion Ratio Lower Upper

91 100

106 31.8 25.6 38.4



#68

m/p-Xylenes

Concen: 40.452 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012518.D

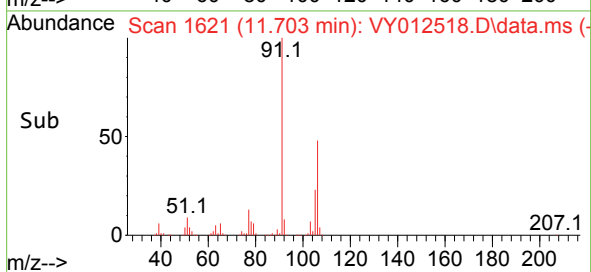
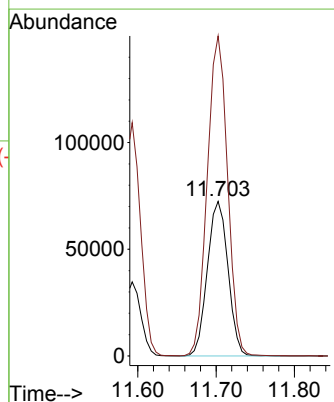
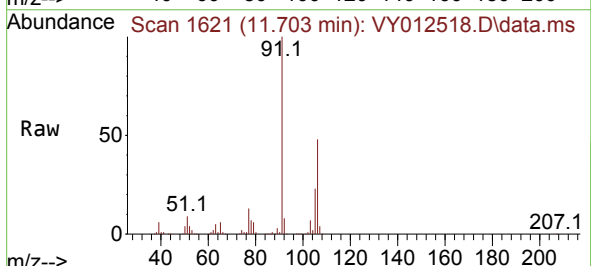
Acq: 07 Feb 2023 14:58

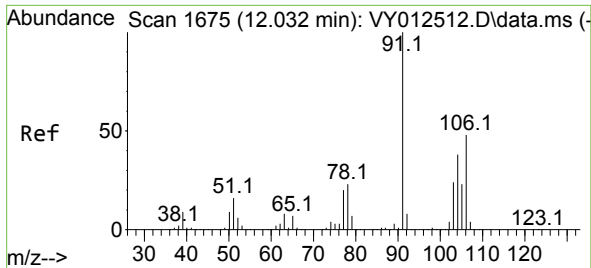
Tgt Ion: 106 Resp: 132426

Ion Ratio Lower Upper

106 100

91 203.4 160.3 240.5

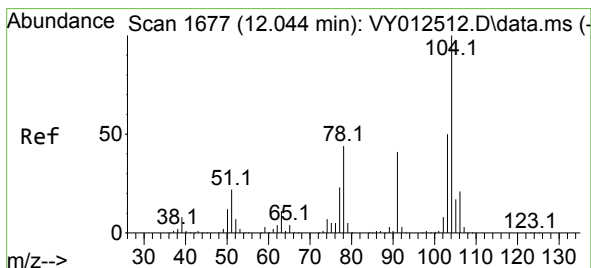
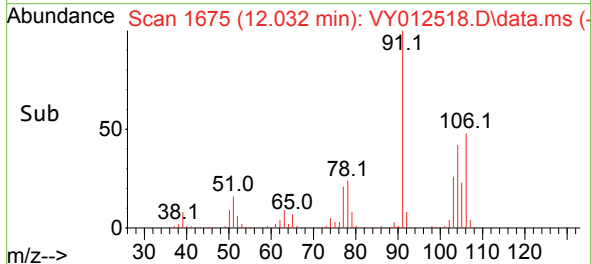
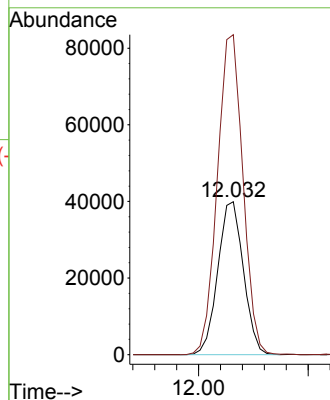
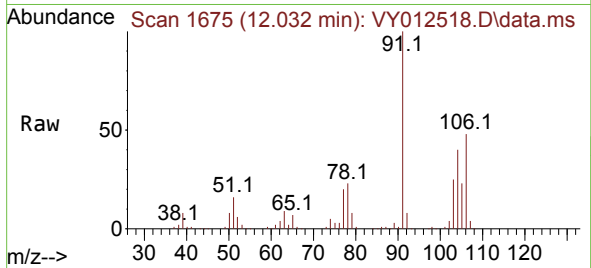




#69
o-Xylene
Concen: 20.771 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

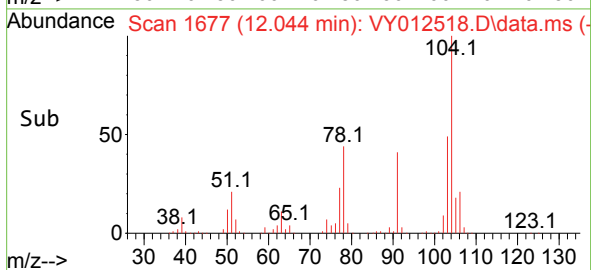
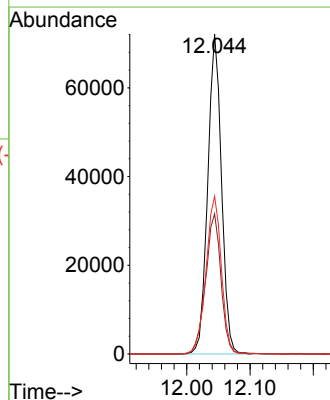
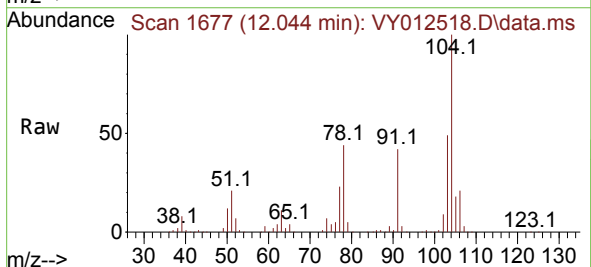
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

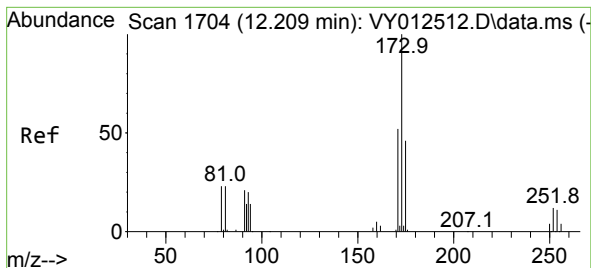
Tgt Ion:106 Resp: 64756
Ion Ratio Lower Upper
106 100
91 209.1 104.2 312.5



#70
Styrene
Concen: 20.651 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion:104 Resp: 109188
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.2
103 54.9 43.8 65.8





#71

Bromoform

Concen: 20.884 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

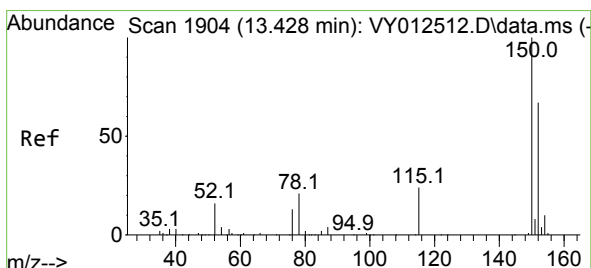
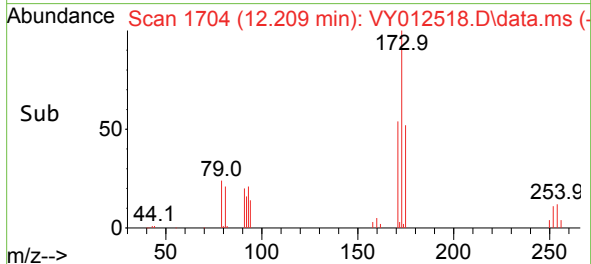
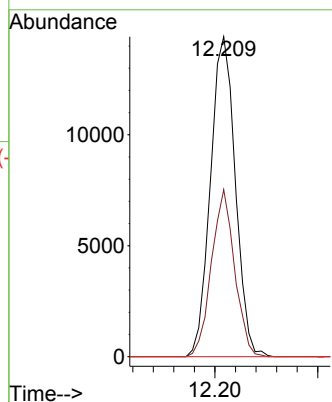
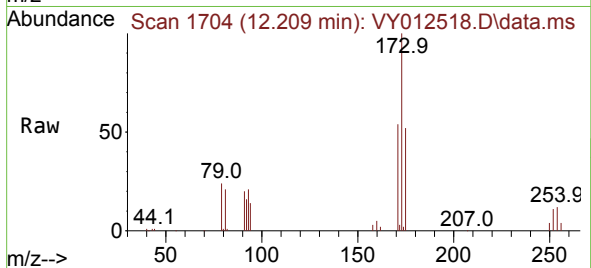
Tgt Ion:173 Resp: 24165

Ion Ratio Lower Upper

173 100

175 48.6 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: VY012518.D

Acq: 07 Feb 2023 14:58

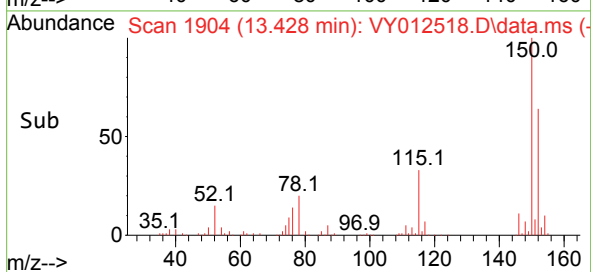
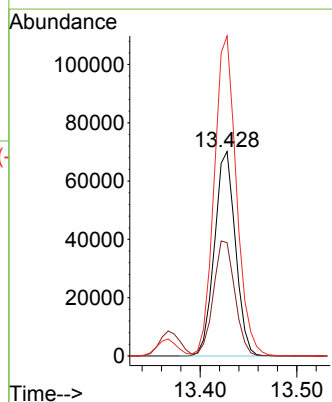
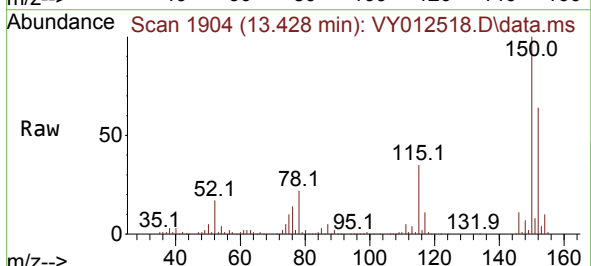
Tgt Ion:152 Resp: 105597

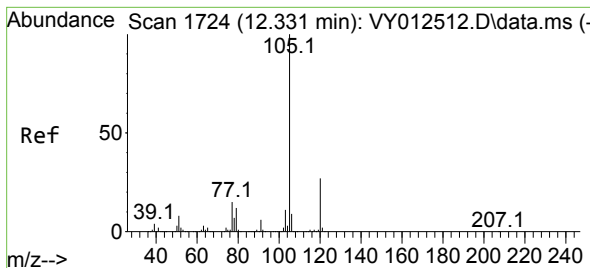
Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.3

150 165.6 0.0 351.0





#73

Isopropylbenzene

Concen: 20.406 ug/l

RT: 12.330 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

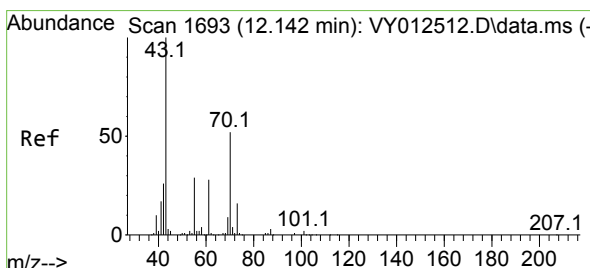
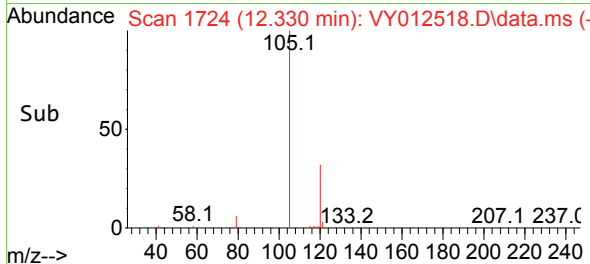
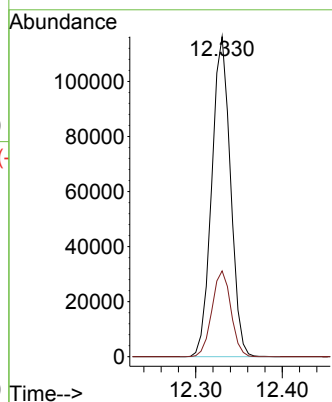
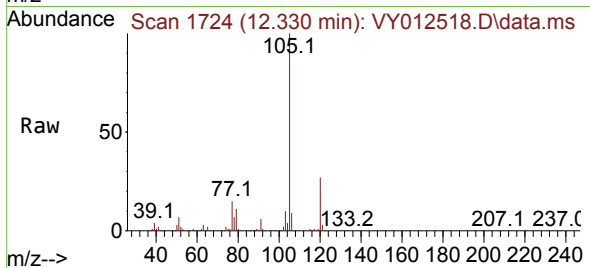
VY0207SBS01

Tgt Ion:105 Resp: 174340

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 21.330 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Tgt Ion: 43 Resp: 32987

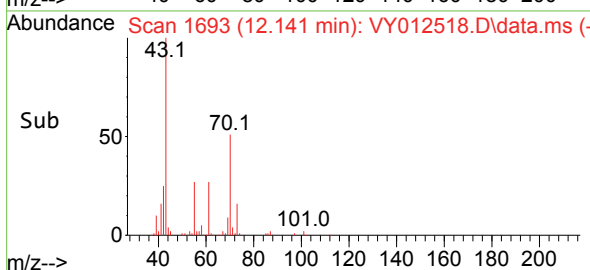
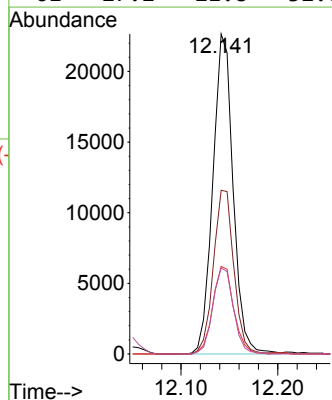
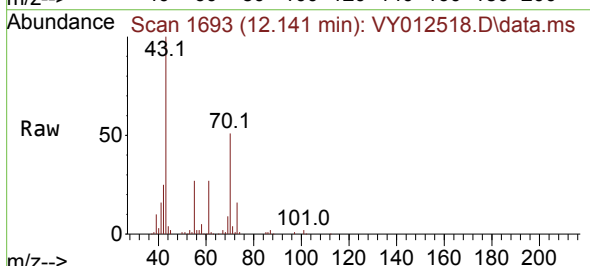
Ion Ratio Lower Upper

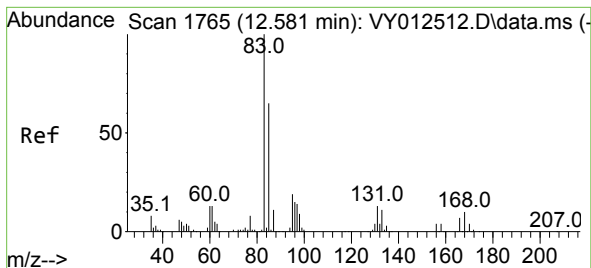
43 100

70 51.8 41.0 61.6

55 28.4 22.9 34.3

61 27.2 21.8 32.6





#75

1,1,2-Tetrachloroethane

Concen: 20.093 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

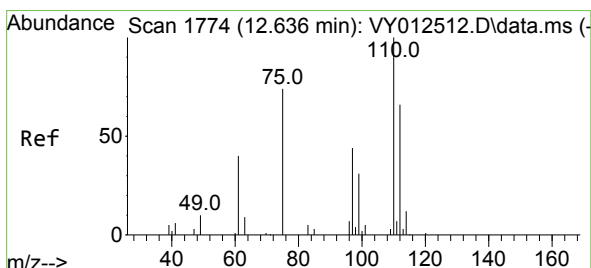
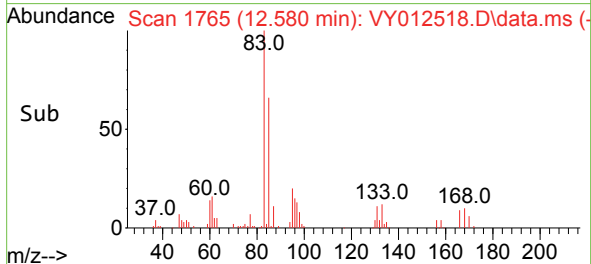
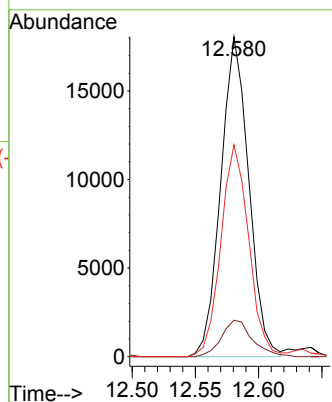
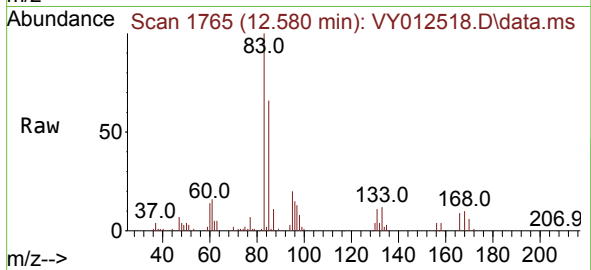
Tgt Ion: 83 Resp: 27757

Ion Ratio Lower Upper

83 100

131 12.6 6.5 19.4

85 65.8 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 35.755 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012518.D

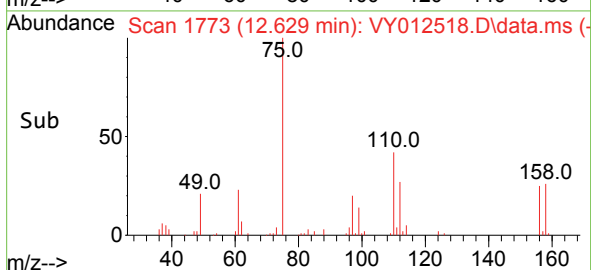
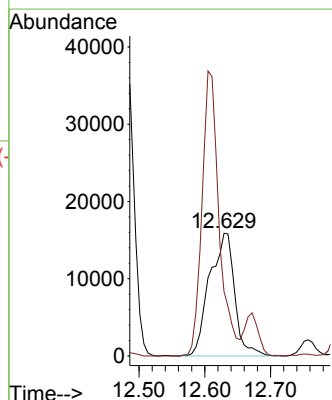
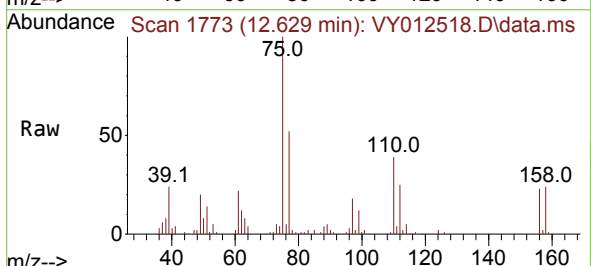
Acq: 07 Feb 2023 14:58

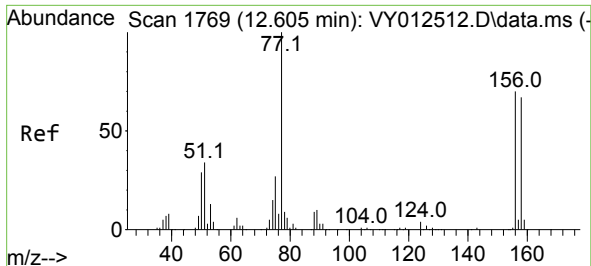
Tgt Ion: 75 Resp: 42183

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

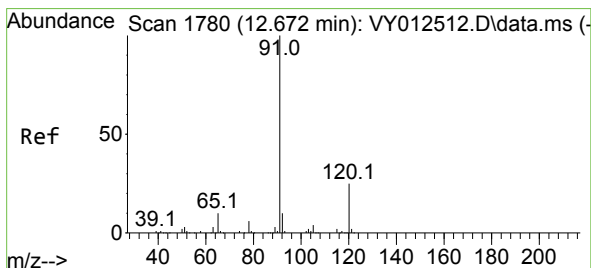
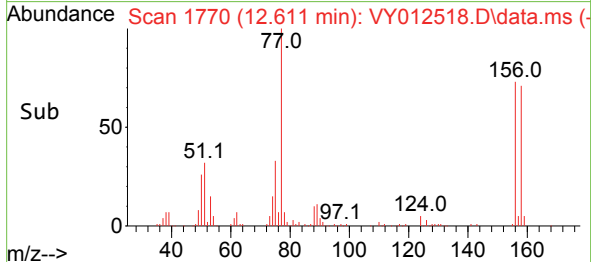
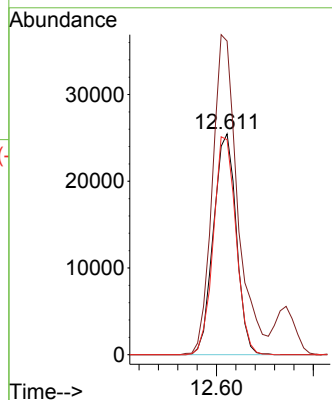
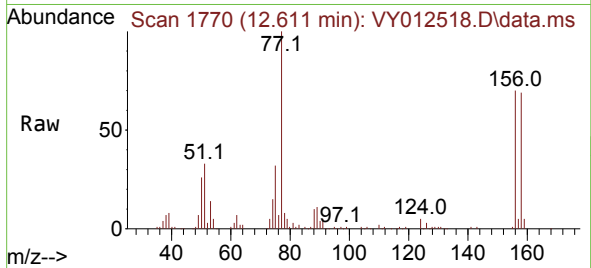




#77
Bromobenzene
Concen: 20.132 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

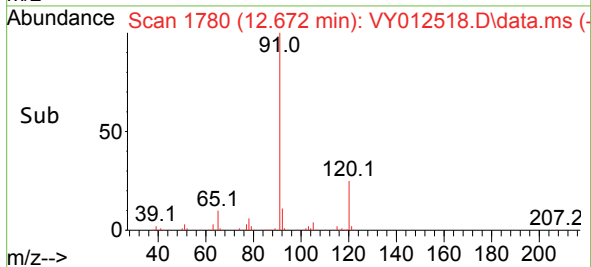
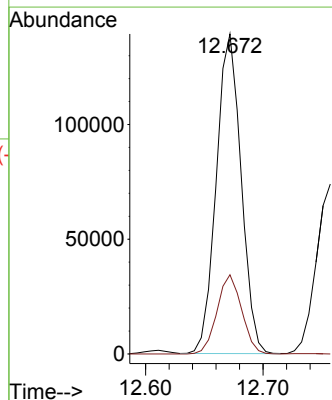
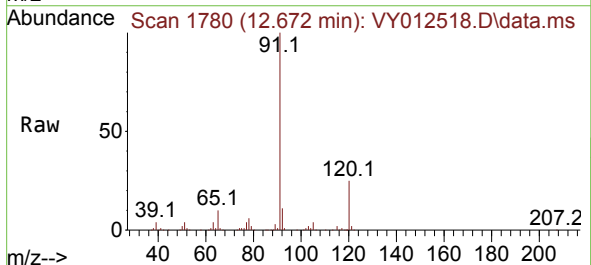
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

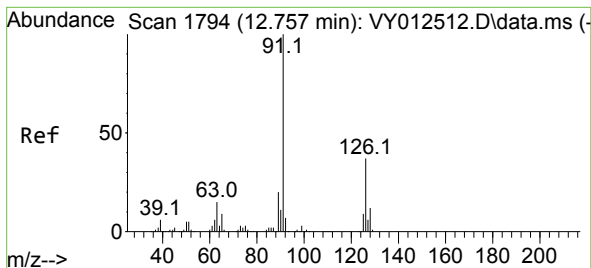
Tgt Ion:156 Resp: 41688
Ion Ratio Lower Upper
156 100
77 161.2 80.6 241.8
158 97.8 49.1 147.3



#78
n-propylbenzene
Concen: 20.790 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 91 Resp: 204437
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 20.375 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

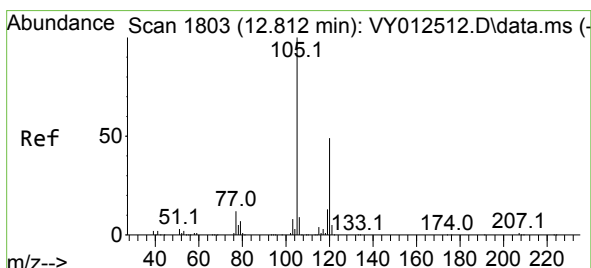
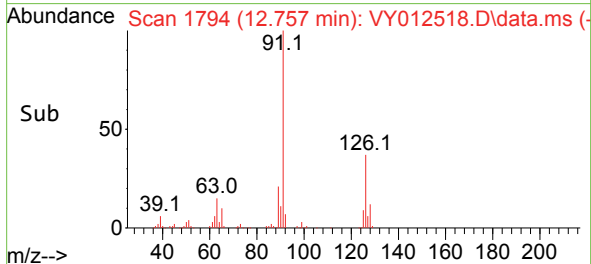
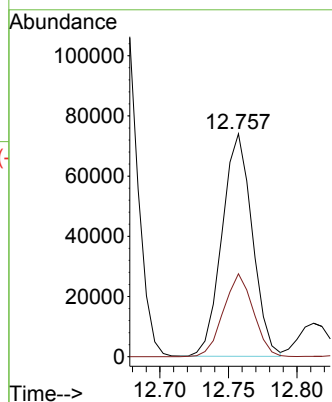
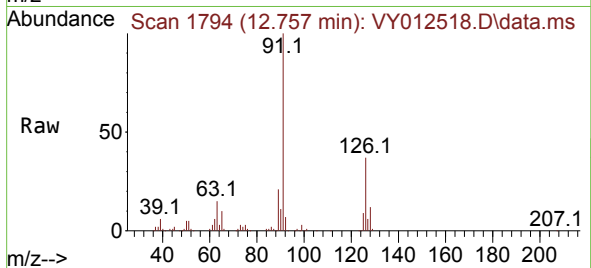
VY0207SBS01

Tgt Ion: 91 Resp: 113736

Ion Ratio Lower Upper

91 100

126 36.6 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.932 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012518.D

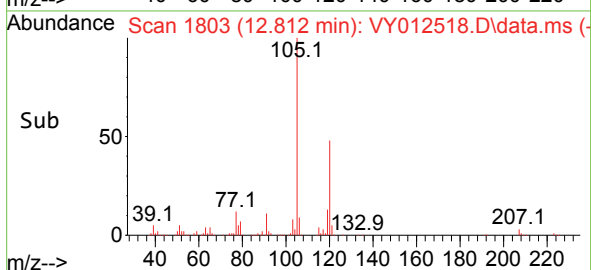
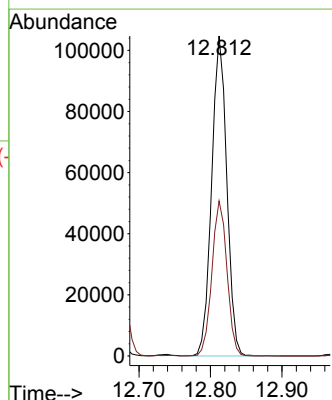
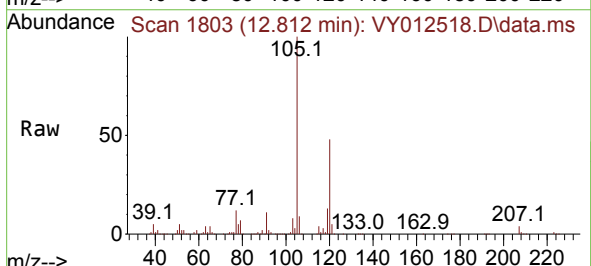
Acq: 07 Feb 2023 14:58

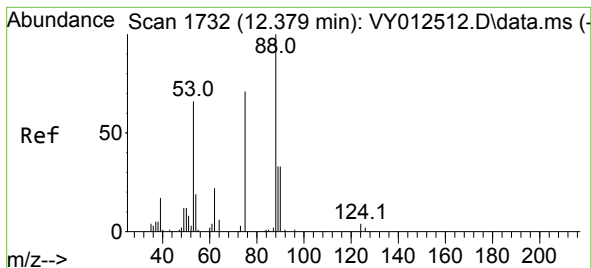
Tgt Ion: 105 Resp: 153945

Ion Ratio Lower Upper

105 100

120 48.1 24.6 74.0

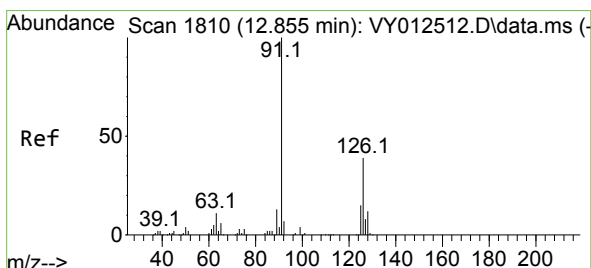
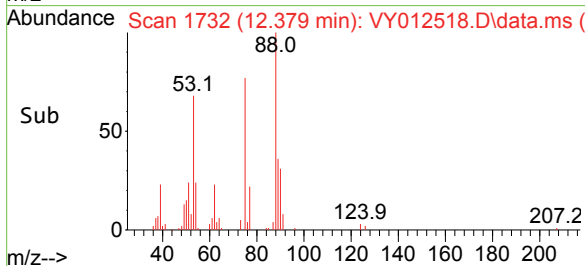
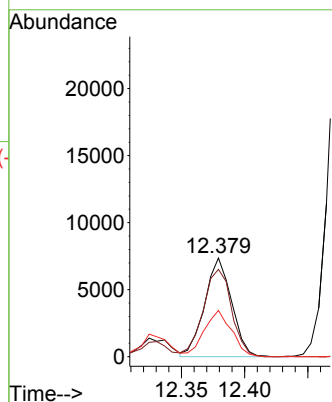
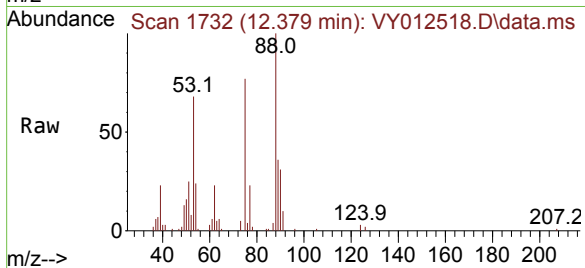




#81
trans-1,4-Dichloro-2-butene
Concen: 20.867 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

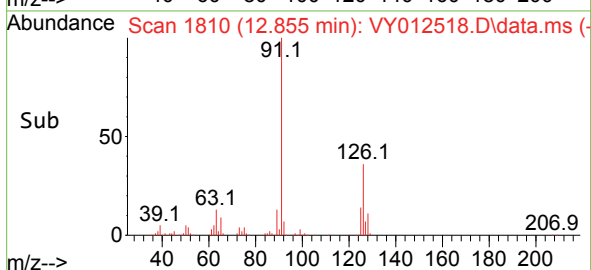
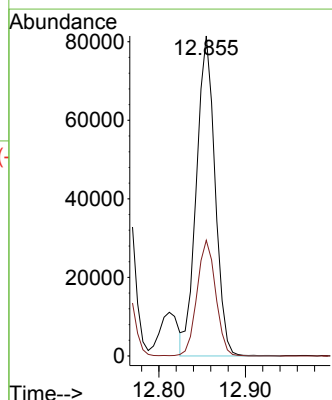
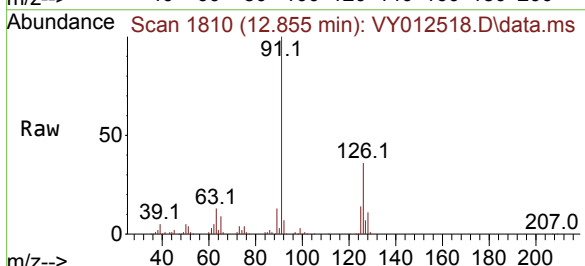
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

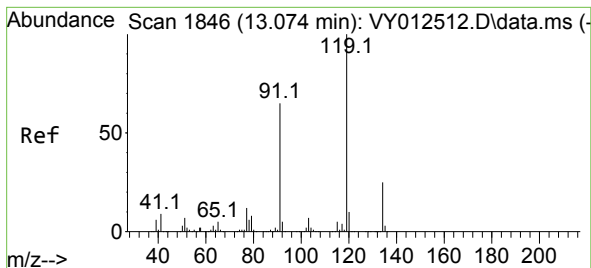
Tgt Ion: 75 Resp: 10917
Ion Ratio Lower Upper
75 100
53 92.9 73.1 109.7
89 47.7 39.9 59.9



#82
4-Chlorotoluene
Concen: 20.731 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 91 Resp: 121394
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3





#83

tert-Butylbenzene

Concen: 20.355 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

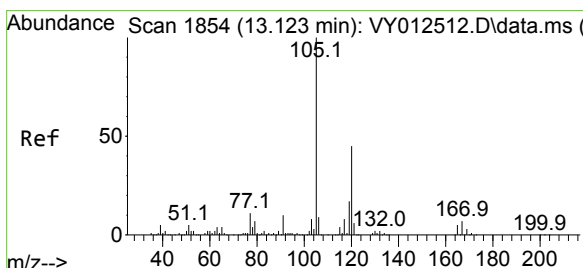
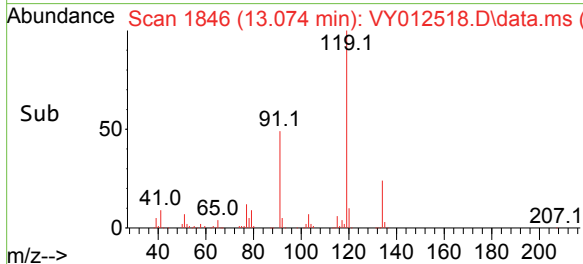
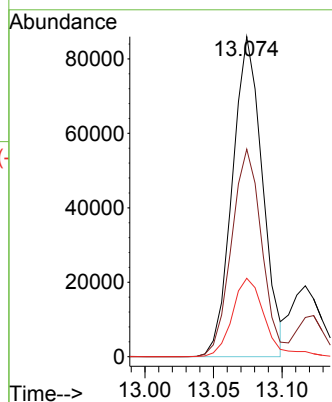
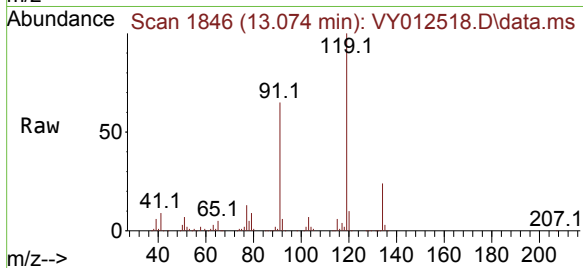
Tgt Ion:119 Resp: 131276

Ion Ratio Lower Upper

119 100

91 65.9 33.0 99.0

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.664 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012518.D

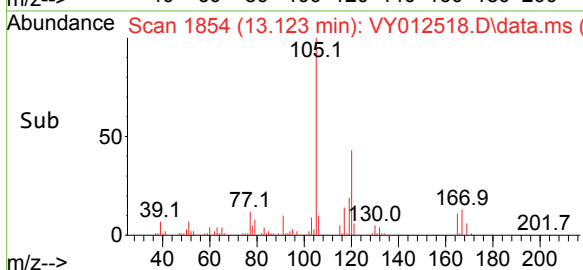
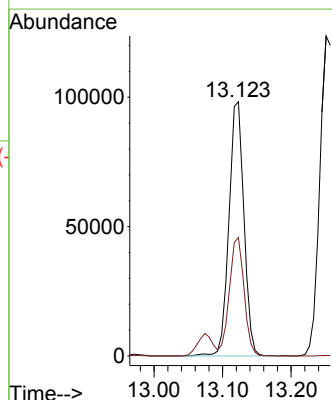
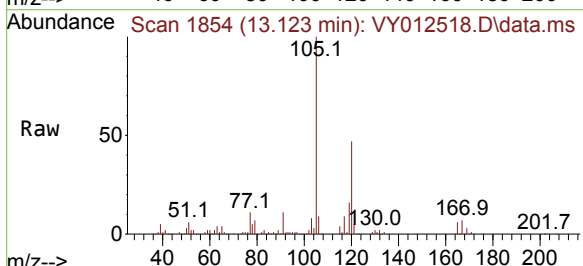
Acq: 07 Feb 2023 14:58

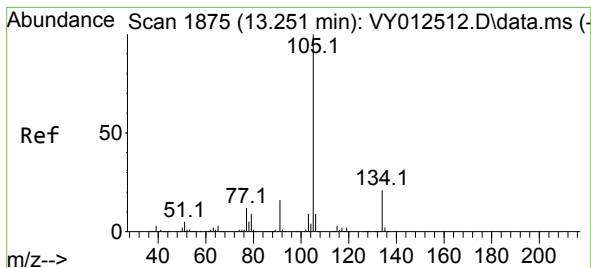
Tgt Ion:105 Resp: 149535

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.749 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

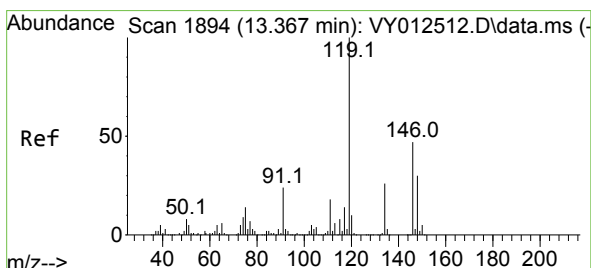
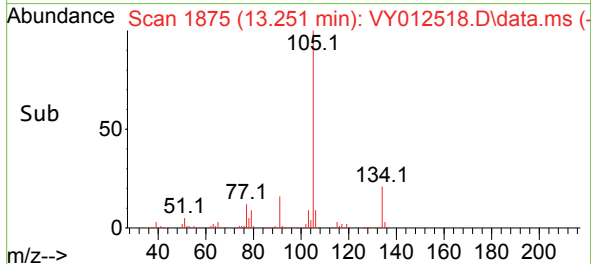
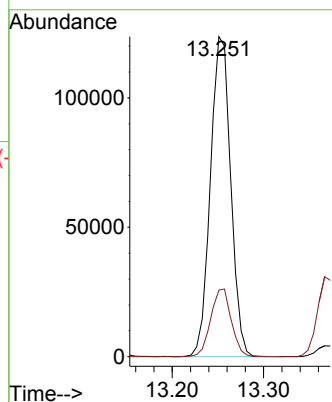
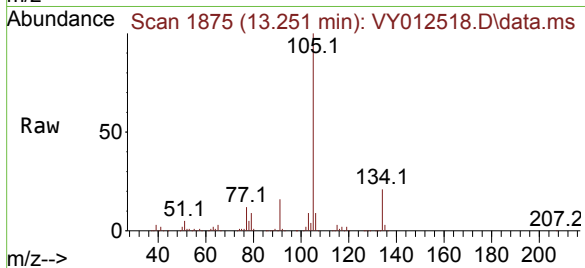
VY0207SBS01

Tgt Ion:105 Resp: 191437

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



#86

p-Isopropyltoluene

Concen: 20.855 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

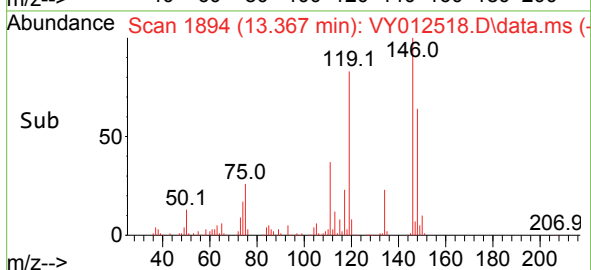
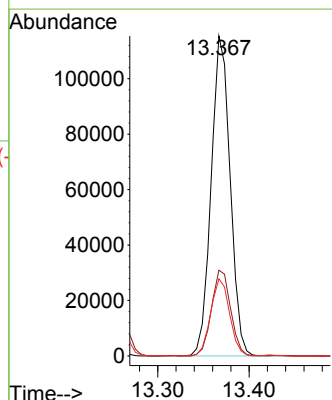
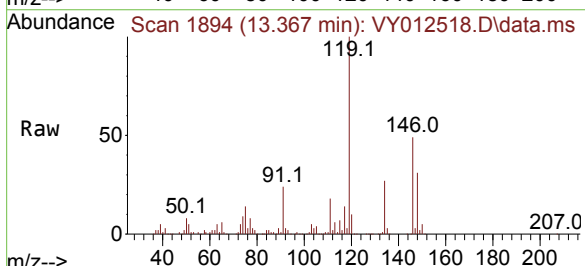
Tgt Ion:119 Resp: 166928

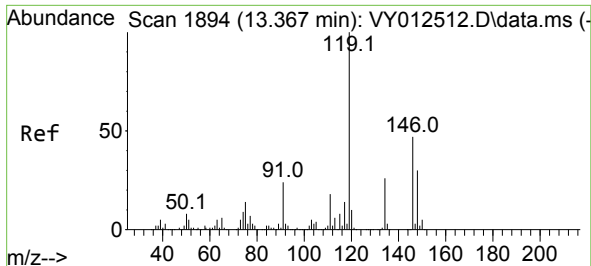
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.636 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

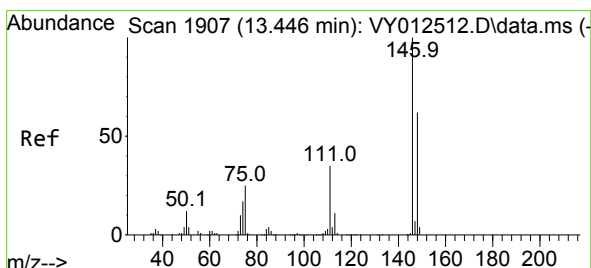
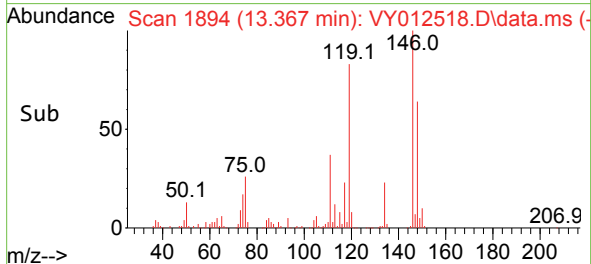
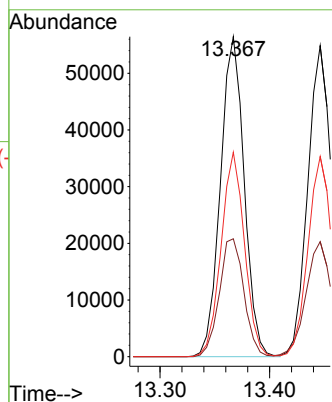
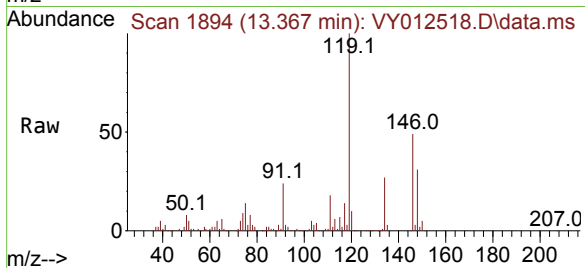
Tgt Ion:146 Resp: 85021

Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.9

148 63.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.236 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

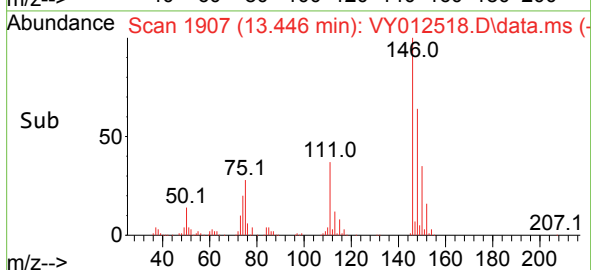
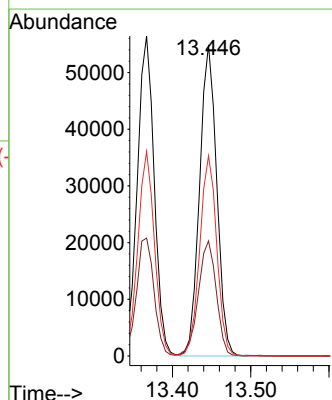
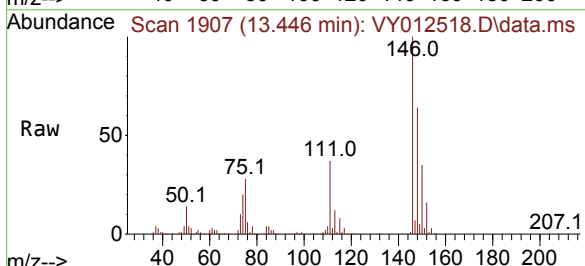
Tgt Ion:146 Resp: 83513

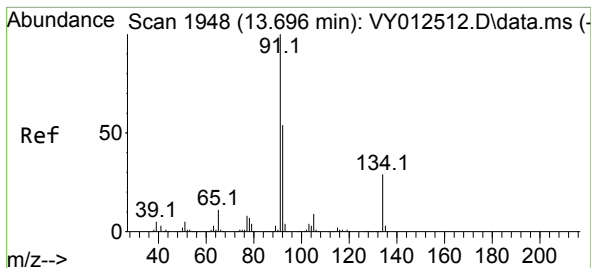
Ion Ratio Lower Upper

146 100

111 38.8 18.4 55.2

148 63.9 31.6 95.0





#89

n-Butylbenzene

Concen: 20.942 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

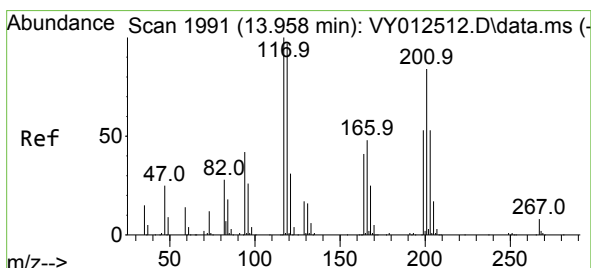
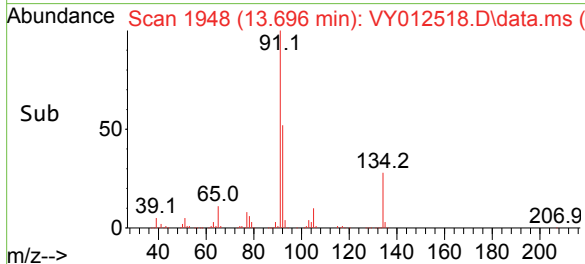
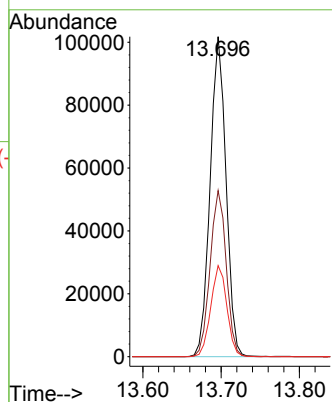
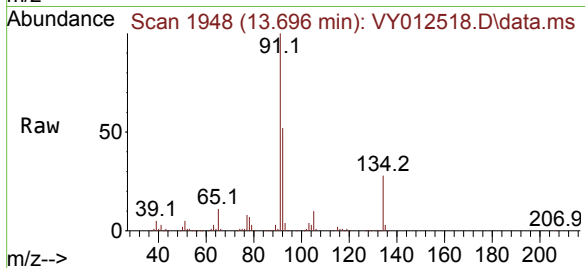
Tgt Ion: 91 Resp: 143259

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 28.8 14.5 43.5



#90

Hexachloroethane

Concen: 20.200 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012518.D

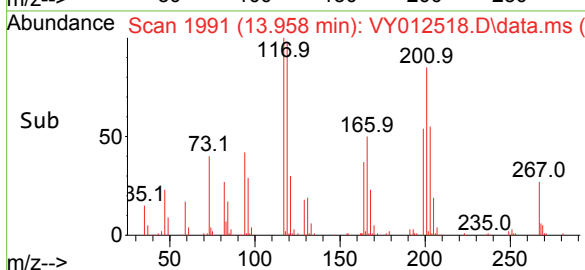
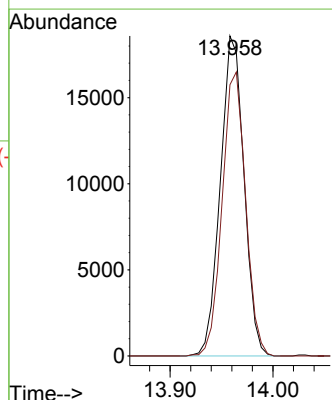
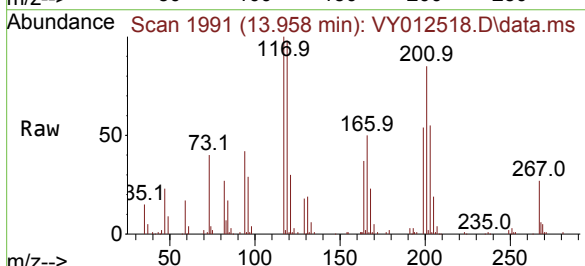
Acq: 07 Feb 2023 14:58

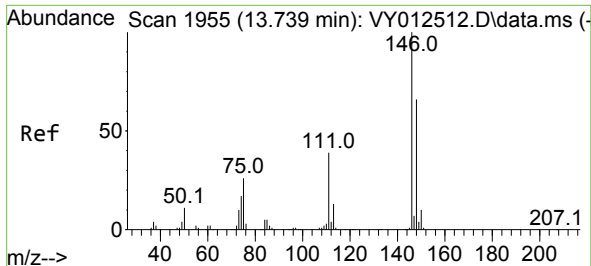
Tgt Ion: 117 Resp: 29677

Ion Ratio Lower Upper

117 100

201 87.8 43.9 131.7

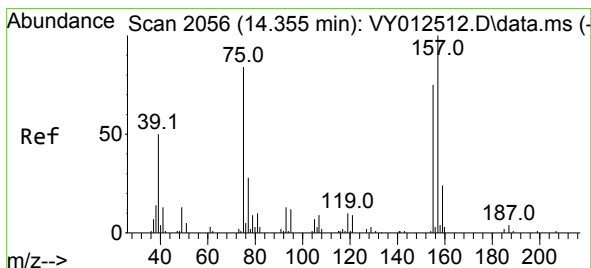
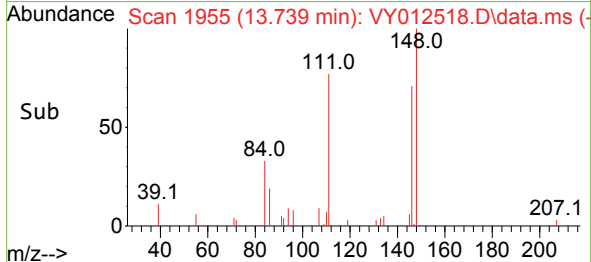
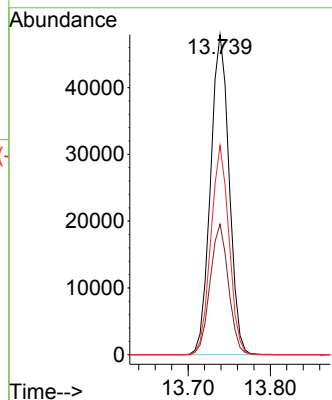
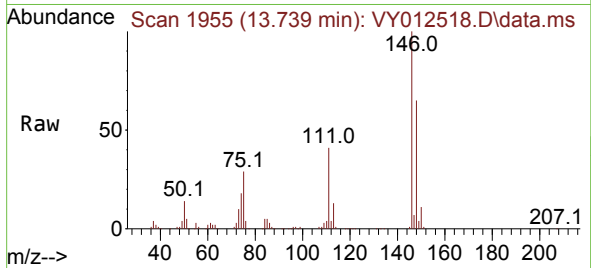




#91
1,2-Dichlorobenzene
Concen: 20.315 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

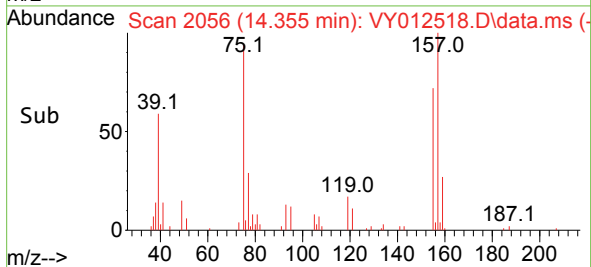
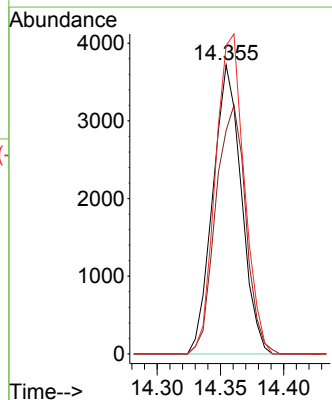
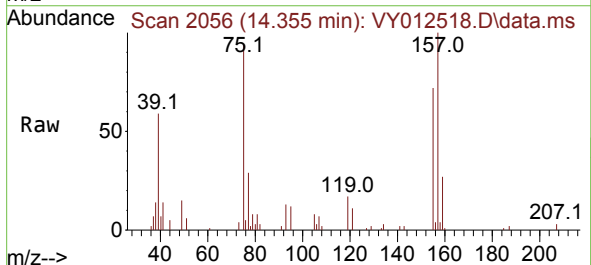
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

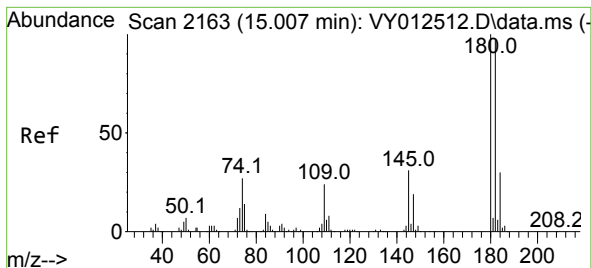
Tgt Ion:146 Resp: 75294
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.1
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.200 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012518.D
Acq: 07 Feb 2023 14:58

Tgt Ion: 75 Resp: 5828
Ion Ratio Lower Upper
75 100
155 90.3 46.5 139.3
157 111.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.976 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

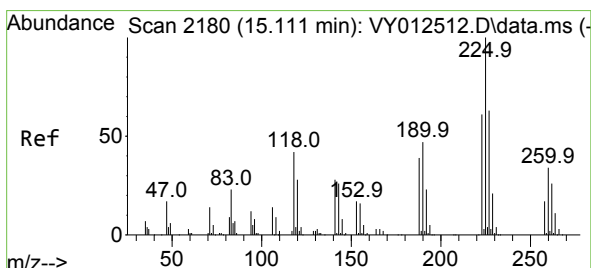
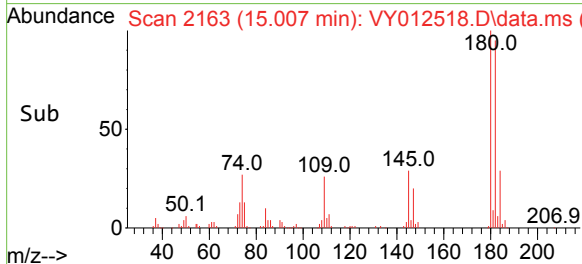
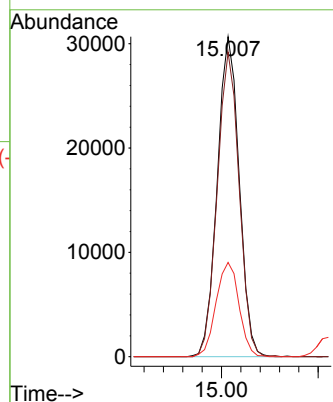
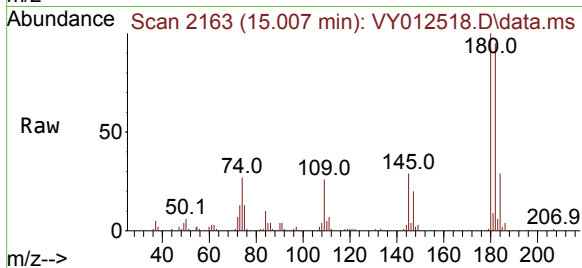
Tgt Ion:180 Resp: 48173

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

145 30.7 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.041 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

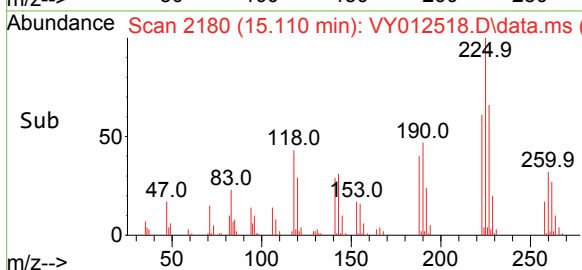
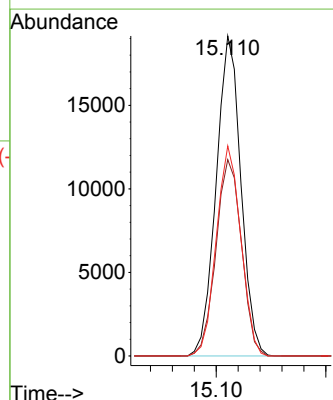
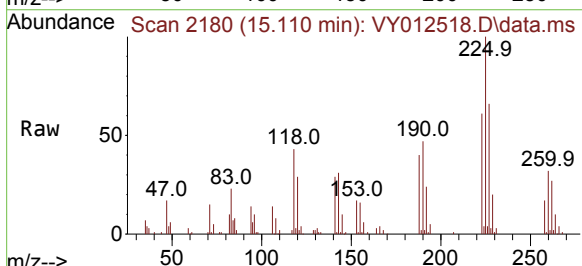
Tgt Ion:225 Resp: 30019

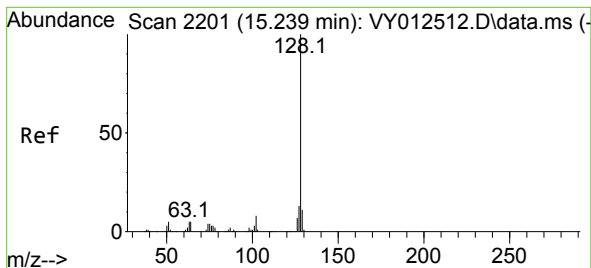
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.3

227 65.2 31.9 95.5





#95

Naphthalene

Concen: 20.674 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

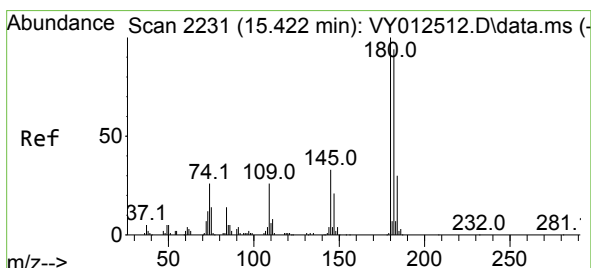
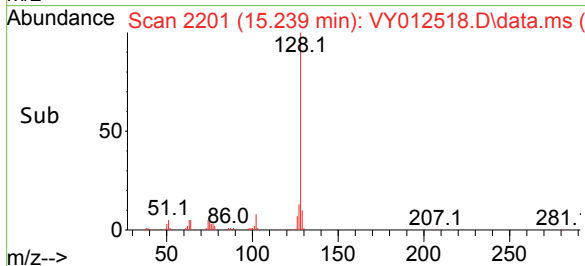
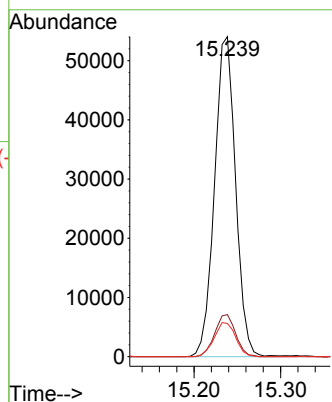
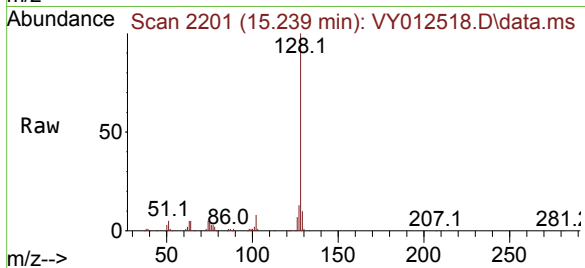
Tgt Ion:128 Resp: 91143

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.534 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012518.D

Acq: 07 Feb 2023 14:58

Tgt Ion:180 Resp: 40819

Ion Ratio Lower Upper

180 100

182 96.5 47.4 142.2

145 32.5 16.2 48.6

