

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018107.D
 Acq On : 02 May 2024 10:43
 Operator : SY/MD
 Sample : VY0502SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 22:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	316307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	113015	45.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.710	113	137203	46.229	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.179	98	530097	45.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.483	95	173618	43.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51925	20.565	ug/l	98
3) Chloromethane	2.107	50	66213	20.070	ug/l	93
4) Vinyl Chloride	2.247	62	73896	20.703	ug/l	99
5) Bromomethane	2.650	94	37438	16.993	ug/l	98
6) Chloroethane	2.784	64	44961	20.226	ug/l	99
7) Trichlorofluoromethane	3.119	101	93224	19.618	ug/l	95
8) Diethyl Ether	3.522	74	30019	19.675	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	58995	19.894	ug/l	97
10) Methyl Iodide	4.088	142	76693	19.512	ug/l	97
11) Tert butyl alcohol	4.972	59	19460	95.766	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	58294	19.277	ug/l	94
13) Acrolein	3.723	56	25514	84.358	ug/l	97
14) Allyl chloride	4.473	41	73213	18.312	ug/l	99
15) Acrylonitrile	5.161	53	53573	93.477	ug/l	98
16) Acetone	3.948	43	38864	81.823	ug/l	92
17) Carbon Disulfide	4.186	76	171114	18.950	ug/l	97
18) Methyl Acetate	4.473	43	21045	17.300	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	131636	18.970	ug/l	96
20) Methylene Chloride	4.704	84	71542	21.495	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	63119	19.635	ug/l	96
22) Diisopropyl ether	6.112	45	155660	18.903	ug/l	95
23) Vinyl Acetate	6.052	43	484574	92.782	ug/l	98
24) 1,1-Dichloroethane	6.003	63	96105	19.328	ug/l	98
25) 2-Butanone	6.984	43	65485	88.621	ug/l	96
26) 2,2-Dichloropropane	6.972	77	91948	19.773	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	74764	19.502	ug/l	96
28) Bromochloromethane	7.326	49	38326	19.073	ug/l	91
29) Tetrahydrofuran	7.344	42	41289	87.894	ug/l	97
30) Chloroform	7.503	83	102003	19.386	ug/l	97
31) Cyclohexane	7.777	56	91534	19.160	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	94030	19.579	ug/l	98
36) 1,1-Dichloropropene	7.911	75	74918	18.910	ug/l	97
37) Ethyl Acetate	7.070	43	29438	17.075	ug/l #	94
38) Carbon Tetrachloride	7.899	117	84038	18.689	ug/l	98
39) Methylcyclohexane	9.179	83	111924	19.235	ug/l	98
40) Benzene	8.155	78	243806	19.152	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17148	16.866	ug/l	93
42) 1,2-Dichloroethane	8.234	62	53860	18.262	ug/l	96
43) Isopropyl Acetate	8.271	43	63666	17.578	ug/l	97
44) Trichloroethene	8.941	130	68470	18.966	ug/l	91
45) 1,2-Dichloropropane	9.216	63	52848	19.027	ug/l	99
46) Dibromomethane	9.301	93	30958	18.333	ug/l	92
47) Bromodichloromethane	9.490	83	76646	18.488	ug/l	95
48) Methyl methacrylate	9.289	41	28241	17.033	ug/l	94
49) 1,4-Dioxane	9.307	88	6613	352.971	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	153695	86.882	ug/l	97
52) Toluene	10.246	92	158207	18.778	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	71805	17.926	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	89161	18.947	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	42325	18.635	ug/l	94
56) Ethyl methacrylate	10.508	69	55603	17.315	ug/l #	91
57) 1,3-Dichloropropane	10.789	76	68712	18.936	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	137428	91.677	ug/l	92
59) 2-Hexanone	10.831	43	106480	84.335	ug/l	95
60) Dibromochloromethane	10.984	129	55565	18.012	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41483	19.060	ug/l	96
64) Tetrachloroethene	10.721	164	59329	18.606	ug/l	97
65) Chlorobenzene	11.514	112	176285	18.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	57890	18.509	ug/l	99
67) Ethyl Benzene	11.593	91	293163	18.802	ug/l	94
68) m/p-Xylenes	11.703	106	235771	37.738	ug/l	96
69) o-Xylene	12.026	106	112368	18.722	ug/l	94
70) Styrene	12.044	104	190549	18.864	ug/l	97
71) Bromoform	12.209	173	32714	17.849	ug/l #	97
73) Isopropylbenzene	12.331	105	287903	19.121	ug/l	98
74) N-amyl acetate	12.142	43	57138	17.290	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45114	18.830	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	56906	33.893	ug/l #	100
77) Bromobenzene	12.611	156	67566	18.885	ug/l	92
78) n-propylbenzene	12.672	91	330579	19.066	ug/l	96
79) 2-Chlorotoluene	12.758	91	185165	18.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	230778	19.017	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	16245	17.626	ug/l	96
82) 4-Chlorotoluene	12.855	91	190907	18.919	ug/l	97
83) tert-Butylbenzene	13.075	119	211258	19.015	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	227140	19.107	ug/l	98
85) sec-Butylbenzene	13.251	105	308970	19.379	ug/l	97
86) p-Isopropyltoluene	13.367	119	254650	19.166	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	130231	19.031	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	128710	19.084	ug/l	99
89) n-Butylbenzene	13.697	91	227600	19.357	ug/l	97
90) Hexachloroethane	13.959	117	50847	18.836	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	112502	18.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5865	16.228	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	62050	18.619	ug/l	98
94) Hexachlorobutadiene	15.111	225	34525	18.716	ug/l	95
95) Naphthalene	15.239	128	109936	17.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51580	18.549	ug/l	100

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QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

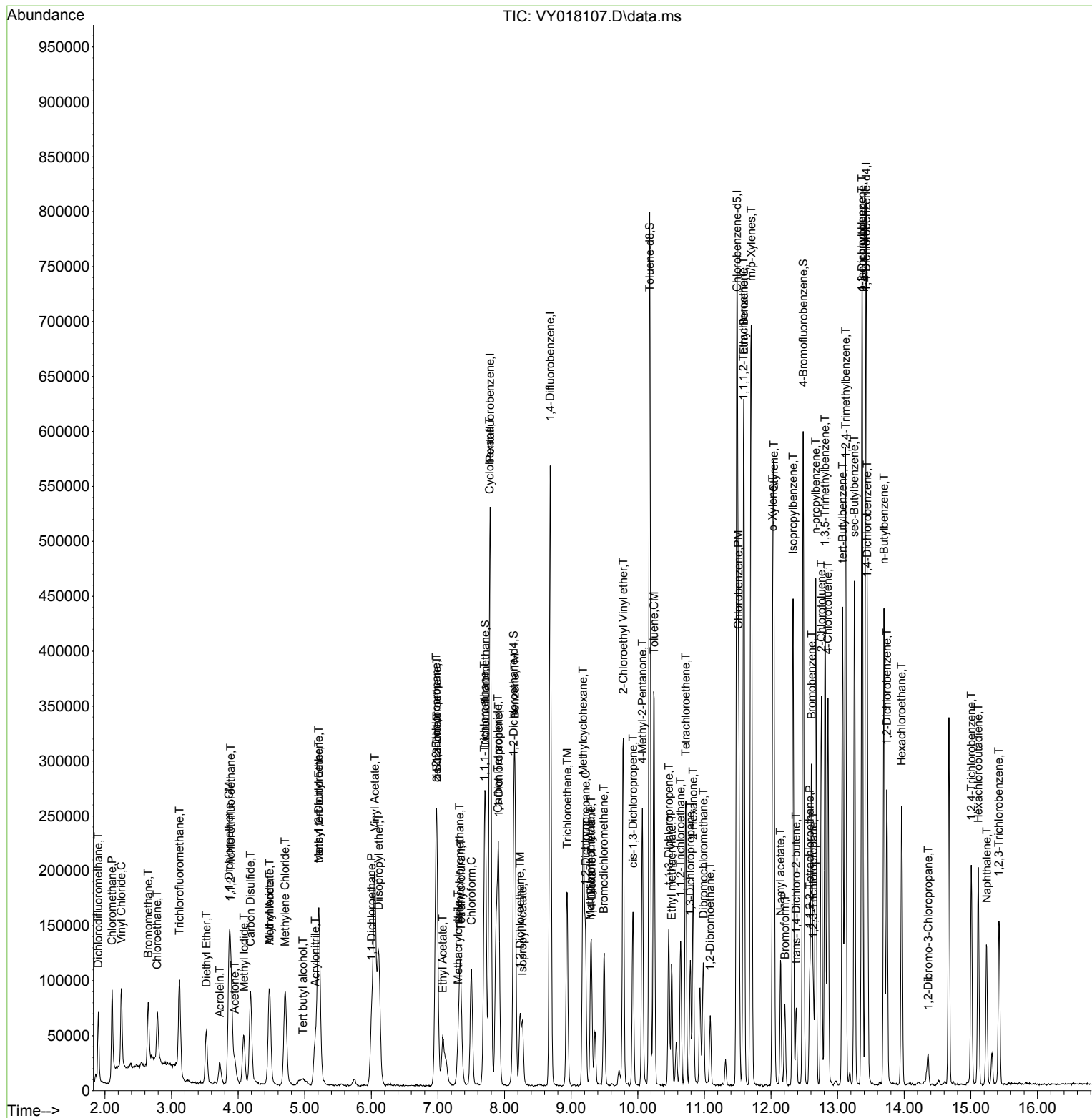
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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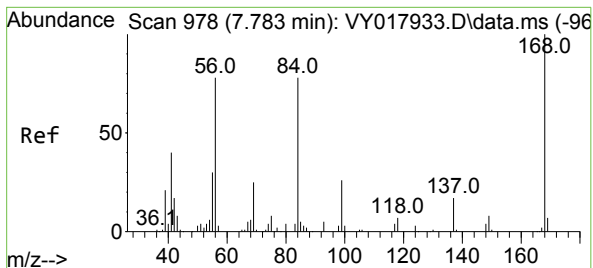
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

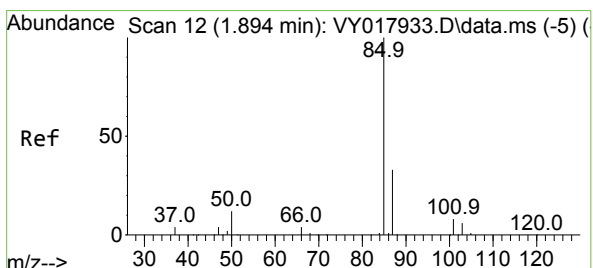
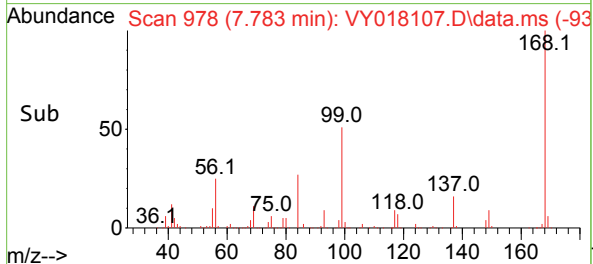
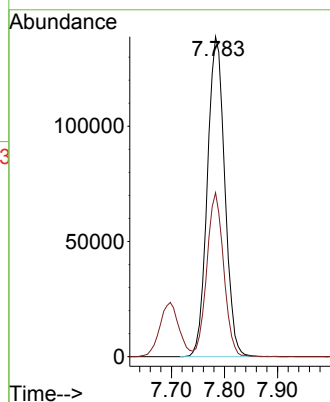
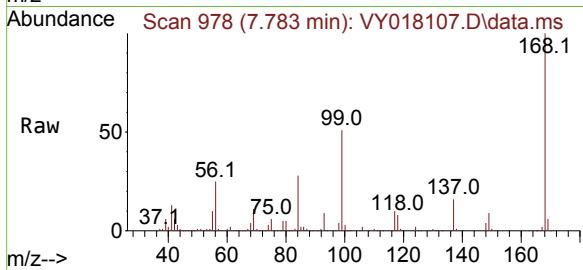
ClientSampleId :

Tgt Ion:168 Resp: 316307

Ion Ratio Lower Upper

168 100

99 51.3 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 20.565 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018107.D

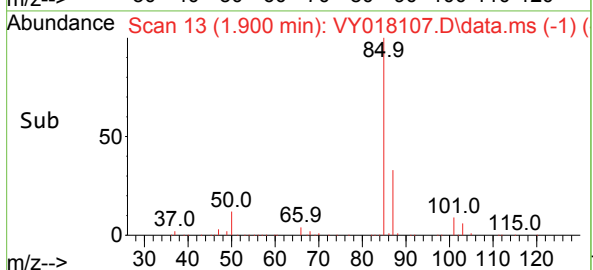
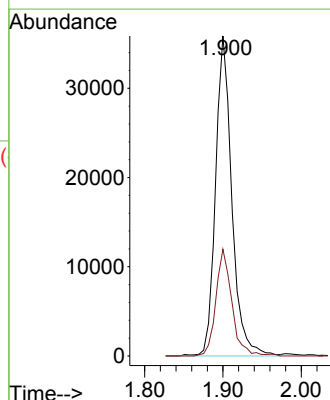
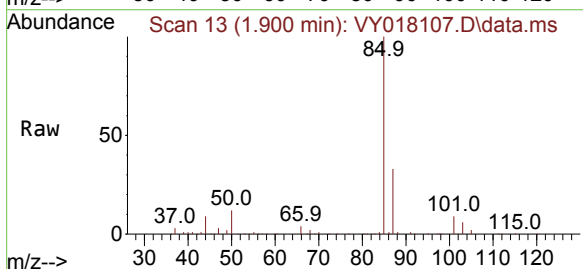
Acq: 02 May 2024 10:43

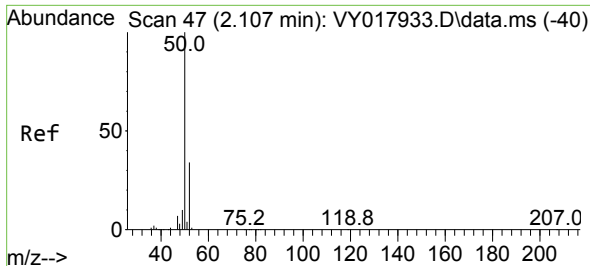
Tgt Ion: 85 Resp: 51925

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0

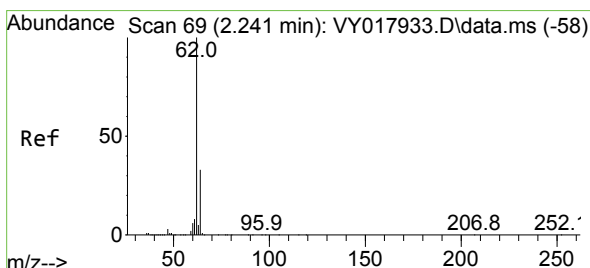
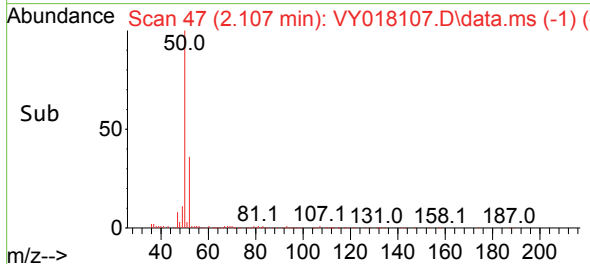
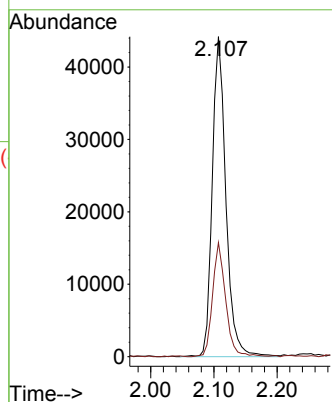
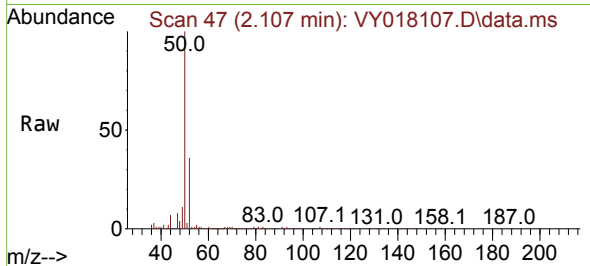




#3
Chloromethane
Concen: 20.070 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

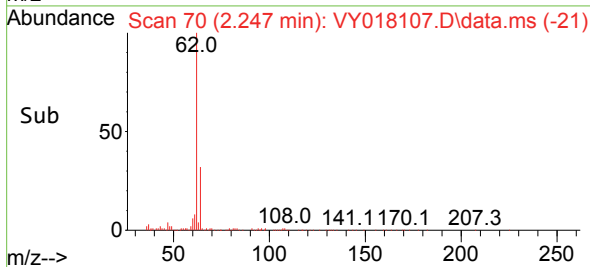
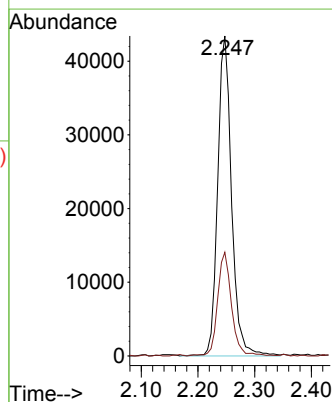
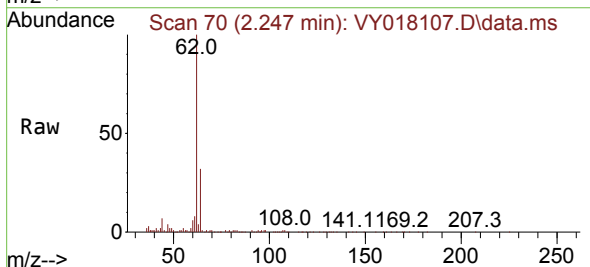
Instrument :
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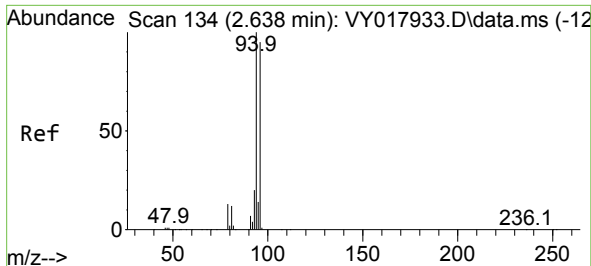
Tgt Ion: 50 Resp: 66213
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4



#4
Vinyl Chloride
Concen: 20.703 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

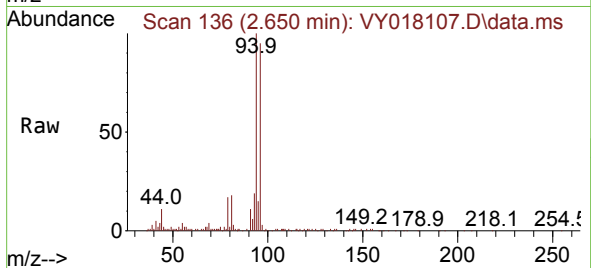
Tgt Ion: 62 Resp: 73896
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1



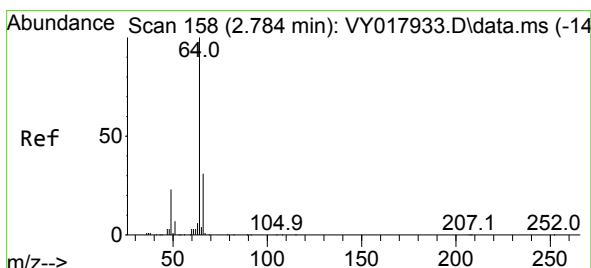
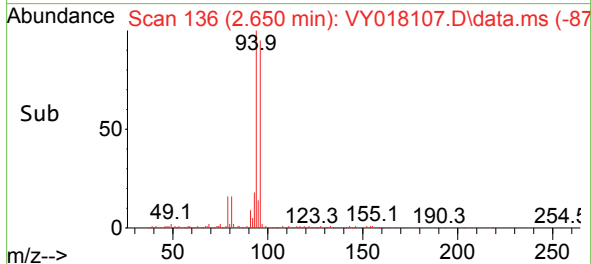
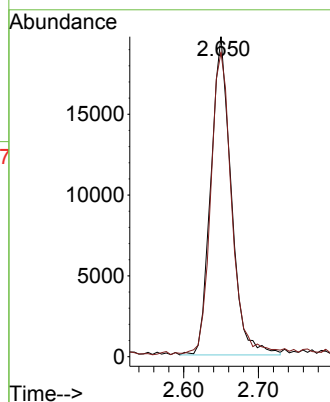


#5
Bromomethane
Concen: 16.993 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018107.D
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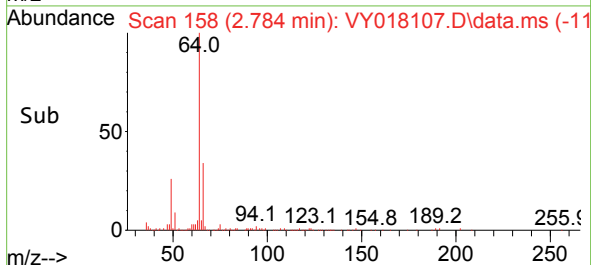
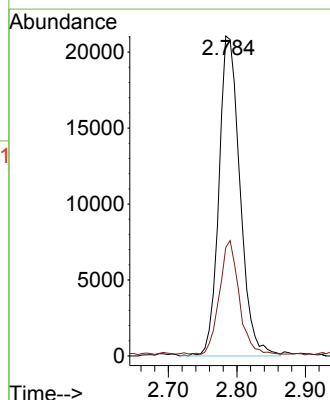
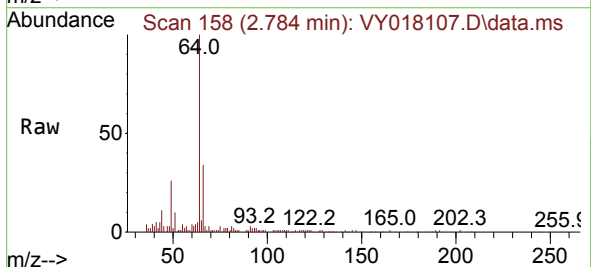


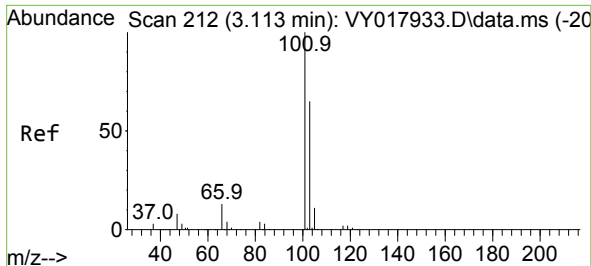
Tgt Ion: 94 Resp: 37438
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 20.226 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 64 Resp: 44961
Ion Ratio Lower Upper
64 100
66 33.3 26.1 39.1

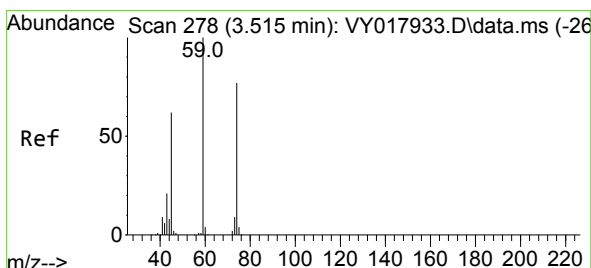
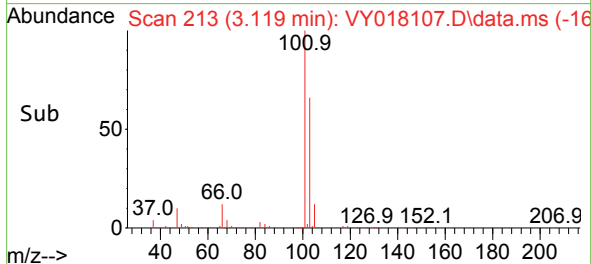
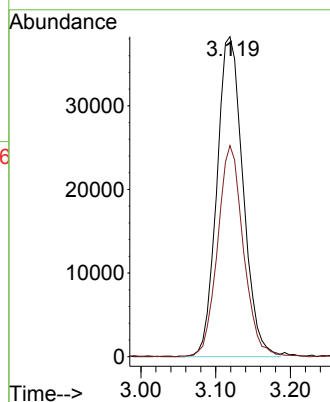
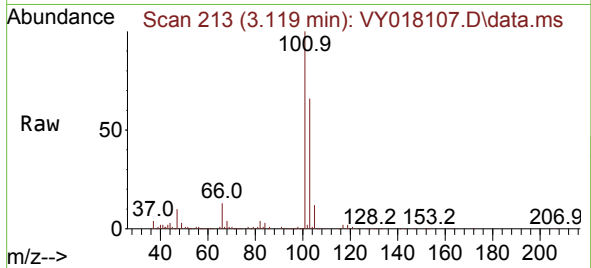




#7
 Trichlorofluoromethane
 Concen: 19.618 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

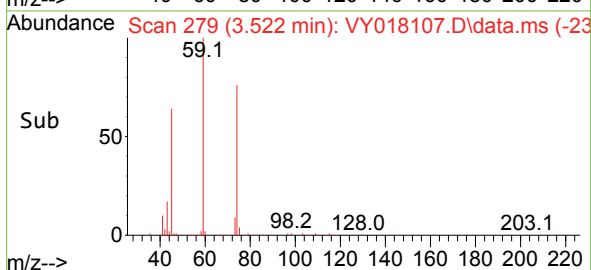
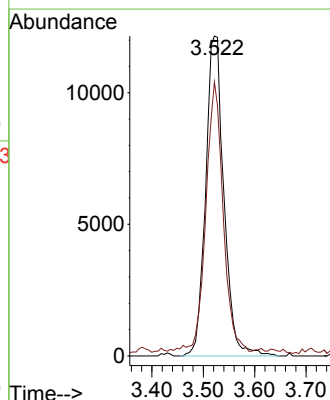
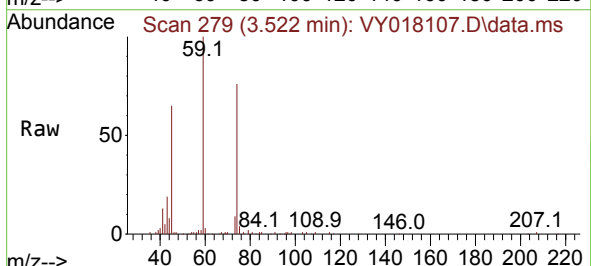
Instrument :
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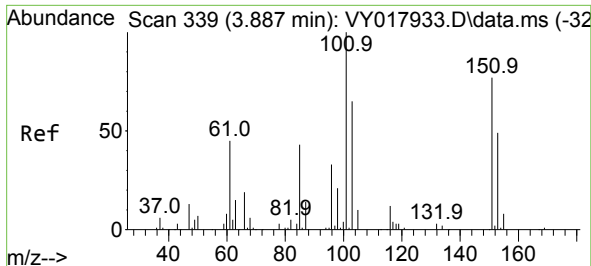
Tgt Ion:101 Resp: 93224
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.675 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 30019
 Ion Ratio Lower Upper
 74 100
 45 79.2 41.3 124.1

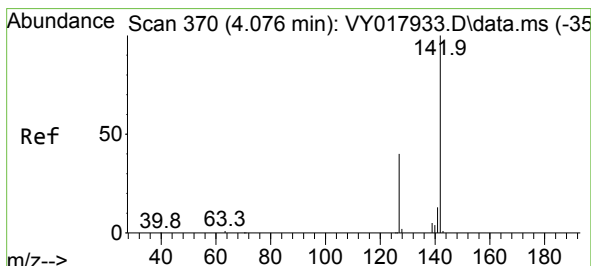
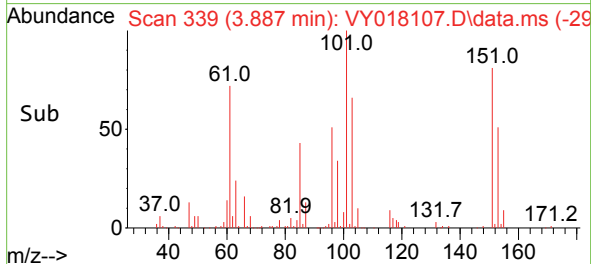
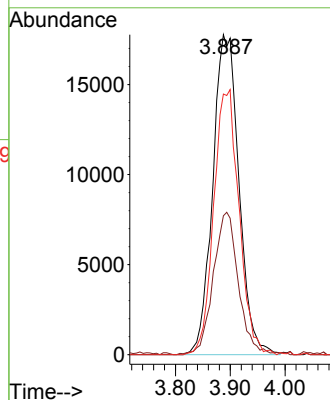
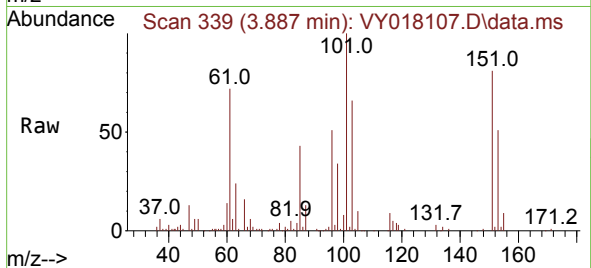




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.894 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

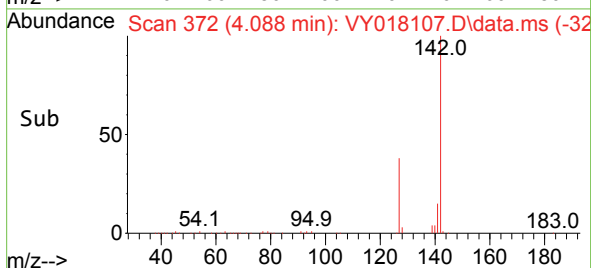
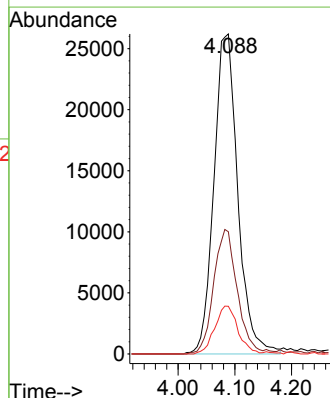
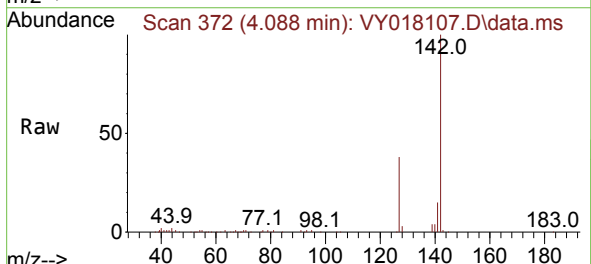
Instrument :
MSVOA_Y
ClientSampleId :

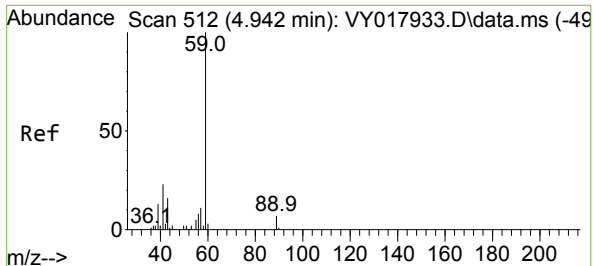
Tgt Ion:101 Resp: 58995
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 80.2 61.7 92.5



#10
Methyl Iodide
Concen: 19.512 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion:142 Resp: 76693
Ion Ratio Lower Upper
142 100
127 38.6 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 95.766 ug/l

RT: 4.972 min Scan# 512

Delta R.T. 0.018 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

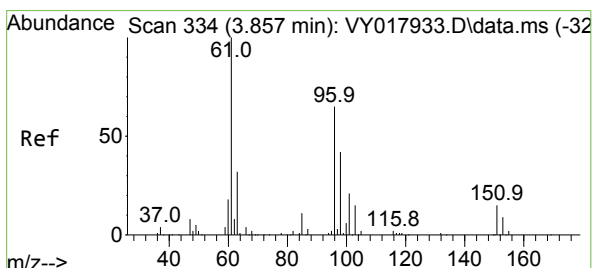
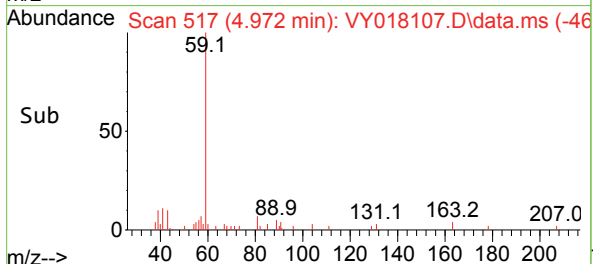
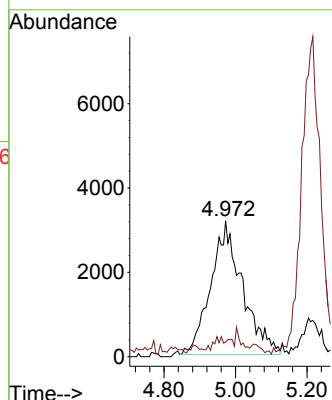
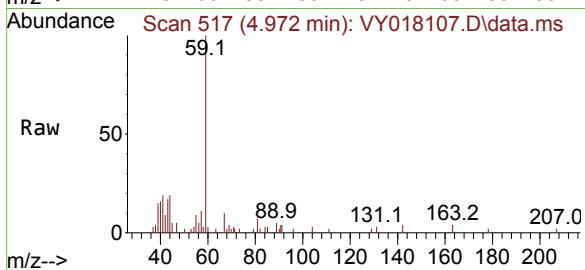
ClientSampleId :

Tgt Ion: 59 Resp: 19460

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.277 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

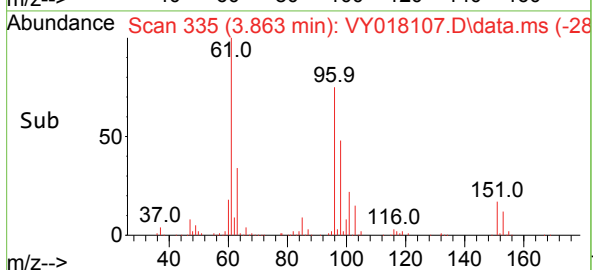
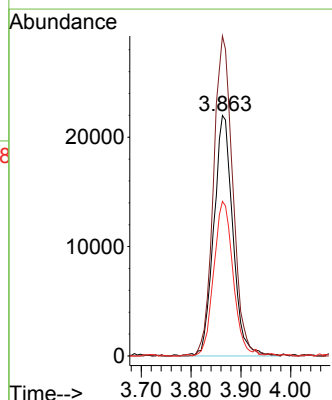
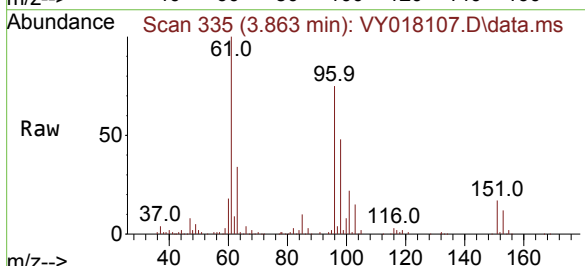
Tgt Ion: 96 Resp: 58294

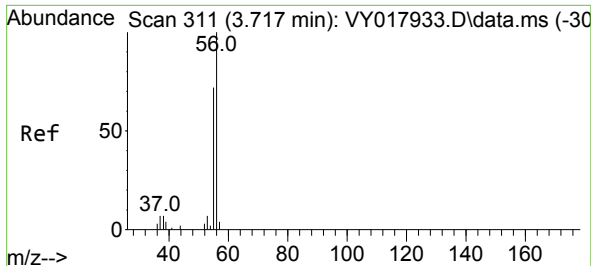
Ion Ratio Lower Upper

96 100

61 133.1 114.6 171.8

98 64.3 50.8 76.2





#13

Acrolein

Concen: 84.358 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

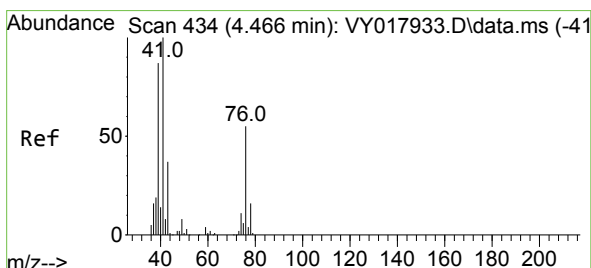
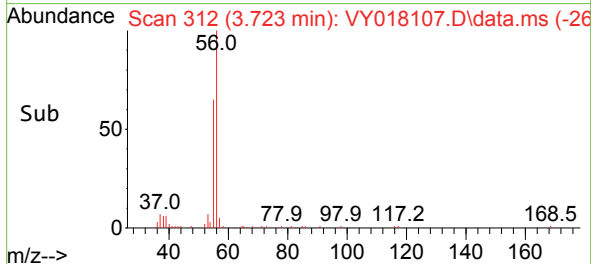
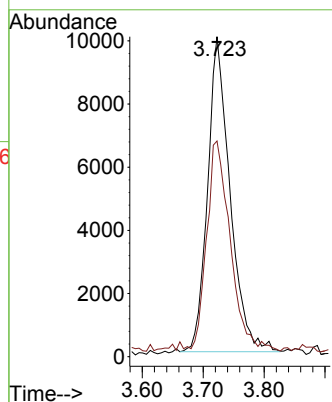
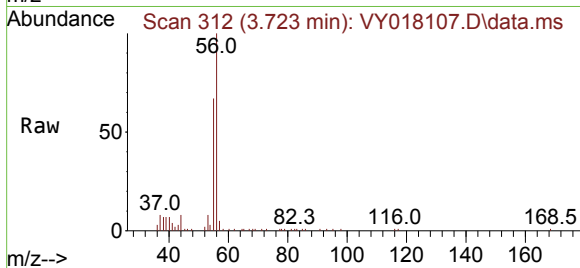
ClientSampleId :

Tgt Ion: 56 Resp: 25514

Ion Ratio Lower Upper

56 100

55 67.1 55.7 83.5



#14

Allyl chloride

Concen: 18.312 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

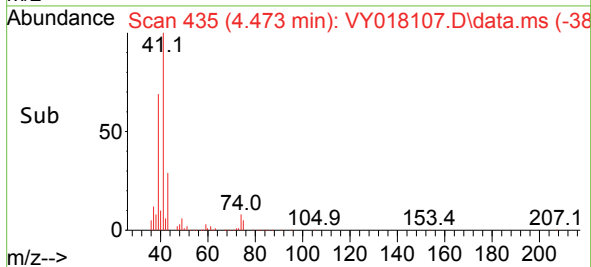
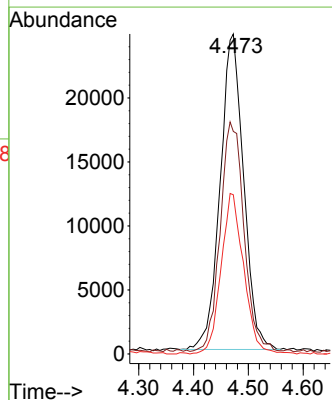
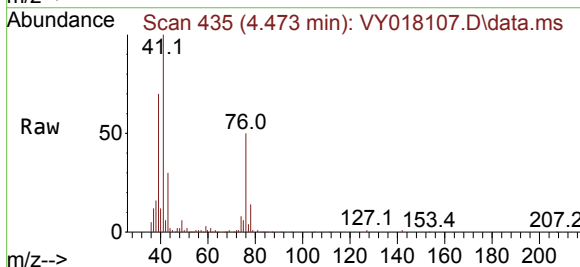
Tgt Ion: 41 Resp: 73213

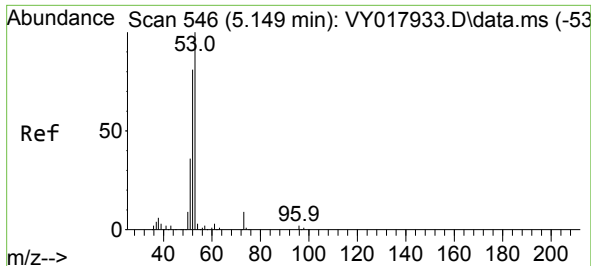
Ion Ratio Lower Upper

41 100

39 73.8 58.3 87.5

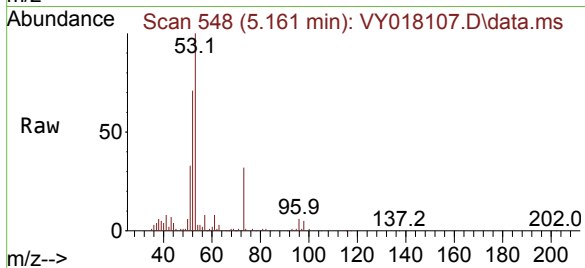
76 49.2 39.0 58.6



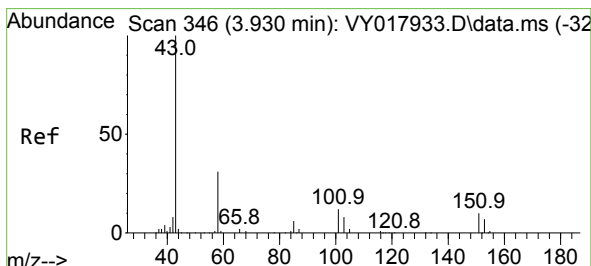
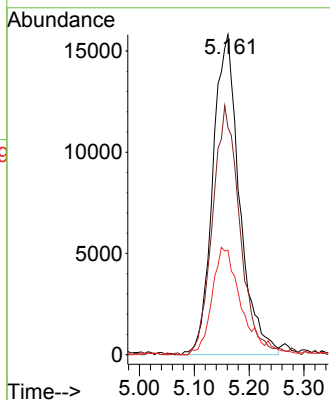
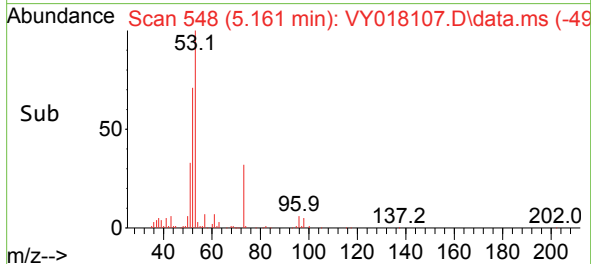


#15
Acrylonitrile
Concen: 93.477 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

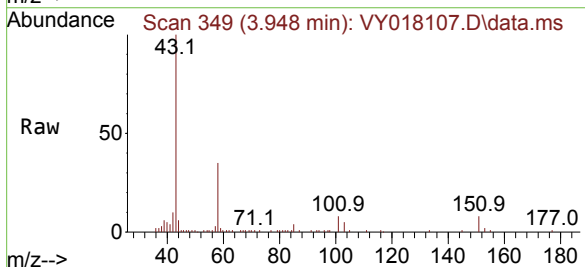
Instrument :
MSVOA_Y
ClientSampleId :



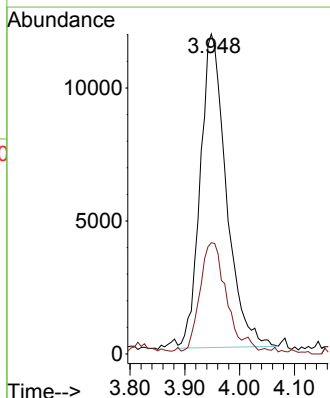
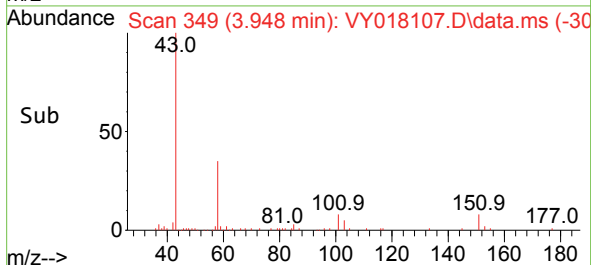
Tgt Ion: 53 Resp: 53573
Ion Ratio Lower Upper
53 100
52 79.3 64.7 97.1
51 37.1 28.4 42.6

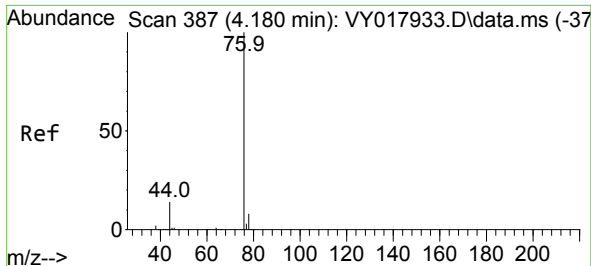


#16
Acetone
Concen: 81.823 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43



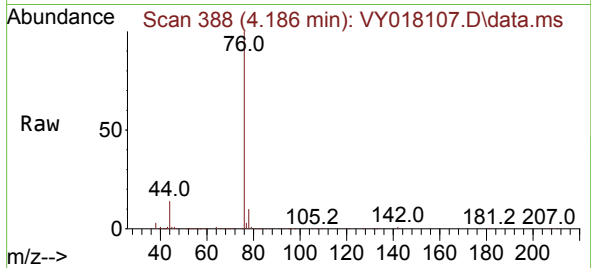
Tgt Ion: 43 Resp: 38864
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5



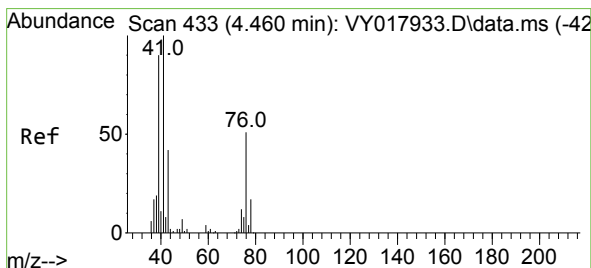
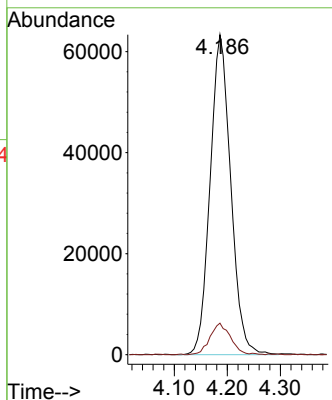
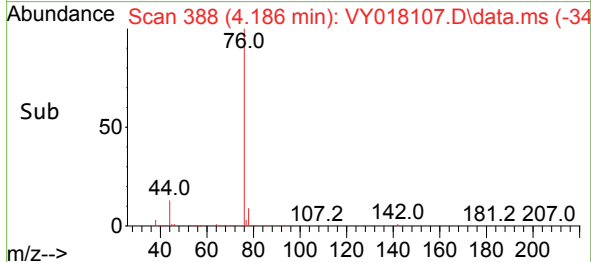


#17
Carbon Disulfide
Concen: 18.950 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

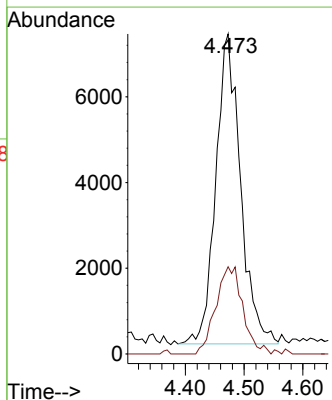
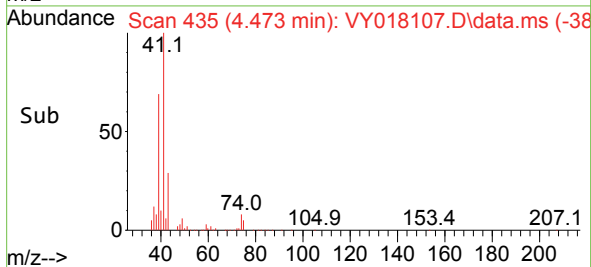
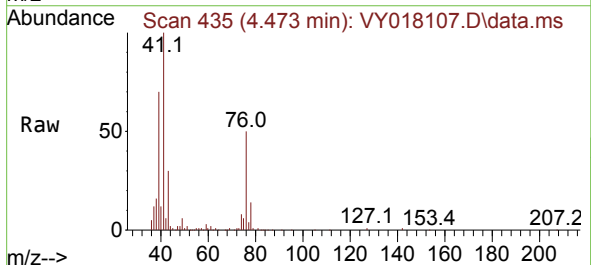


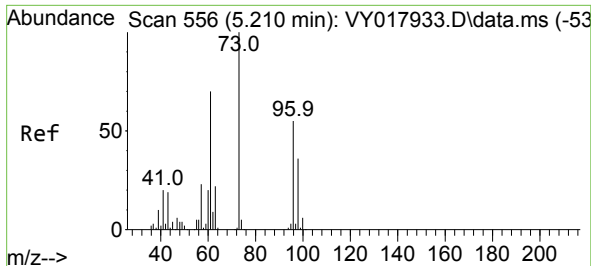
Tgt Ion: 76 Resp: 171114
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 17.300 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

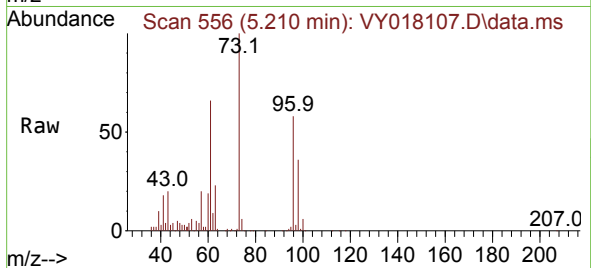
Tgt Ion: 43 Resp: 21045
Ion Ratio Lower Upper
43 100
74 30.8 23.3 34.9



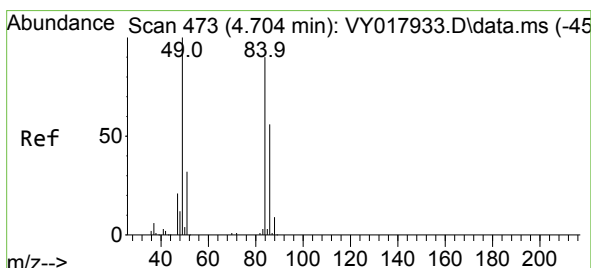
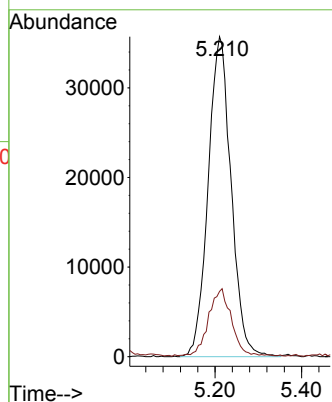
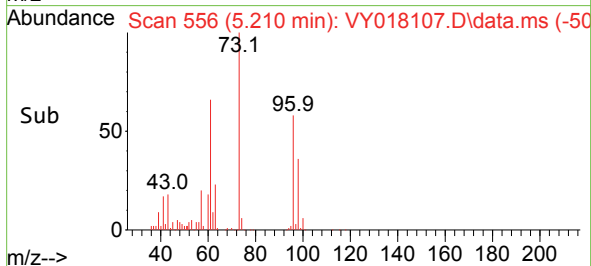


#19
Methyl tert-butyl Ether
Concen: 18.970 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

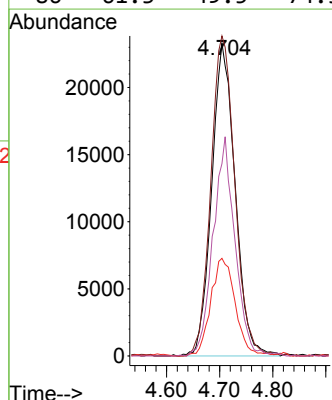
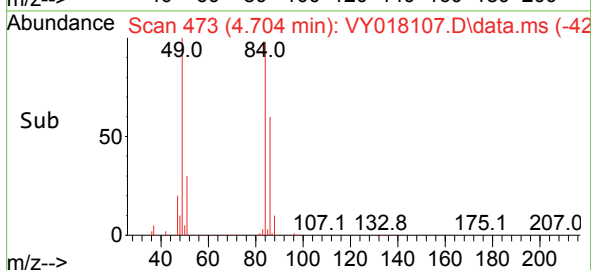
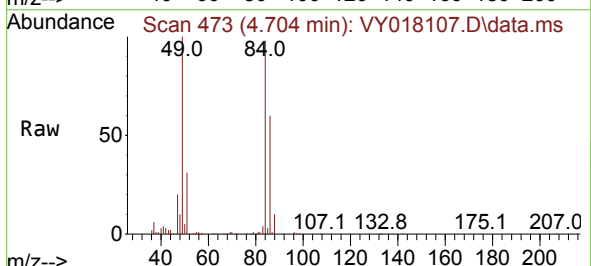


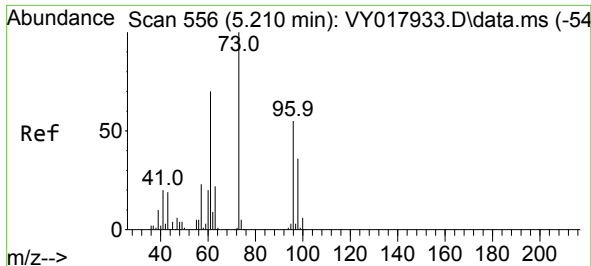
Tgt Ion: 73 Resp: 131636
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 21.495 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 84 Resp: 71542
Ion Ratio Lower Upper
84 100
49 102.4 84.4 126.6
51 31.2 26.0 39.0
86 61.3 49.5 74.3

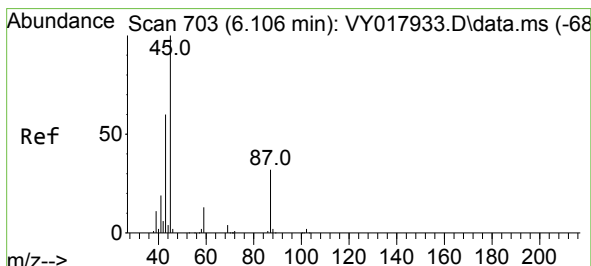
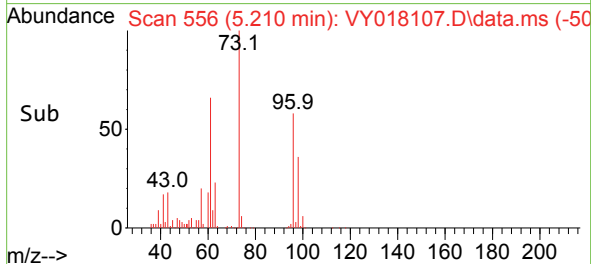
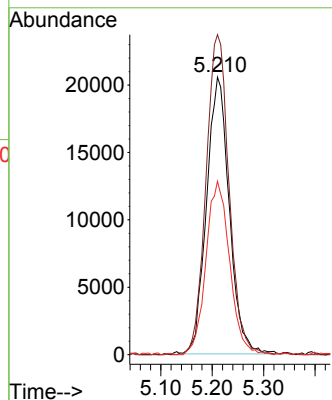
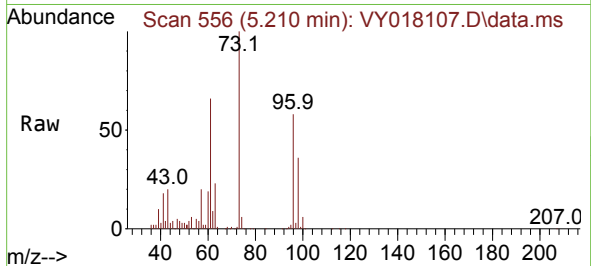




#21
trans-1,2-Dichloroethene
Concen: 19.635 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

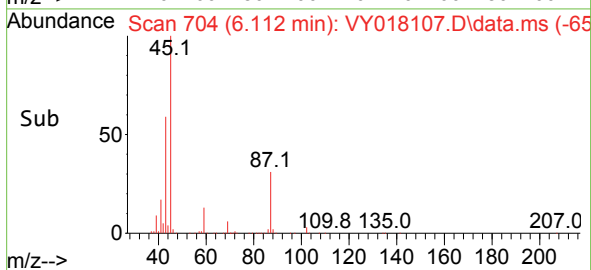
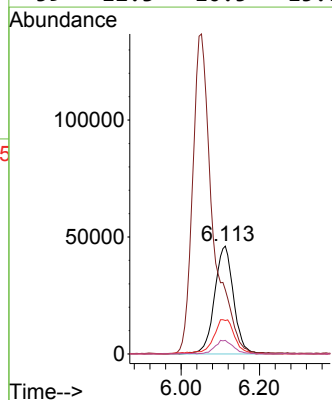
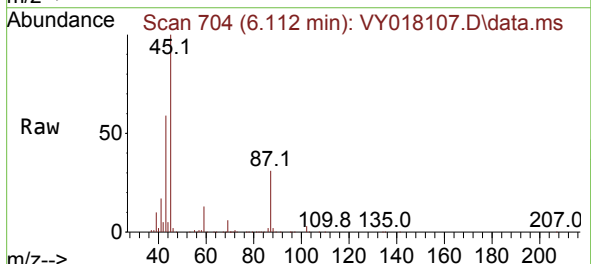
Instrument :
MSVOA_Y
ClientSampleId :

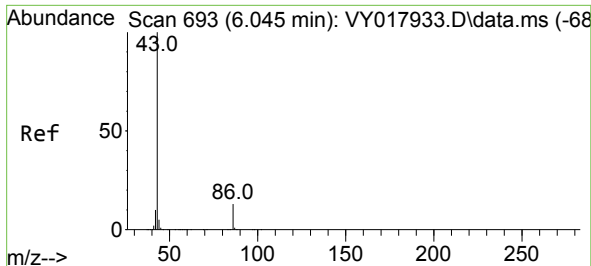
Tgt Ion: 96 Resp: 63119
Ion Ratio Lower Upper
96 100
61 115.3 97.5 146.3
98 62.6 50.5 75.7



#22
Diisopropyl ether
Concen: 18.903 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 45 Resp: 155660
Ion Ratio Lower Upper
45 100
43 58.4 42.2 63.2
87 31.0 25.0 37.6
59 12.3 10.5 15.7

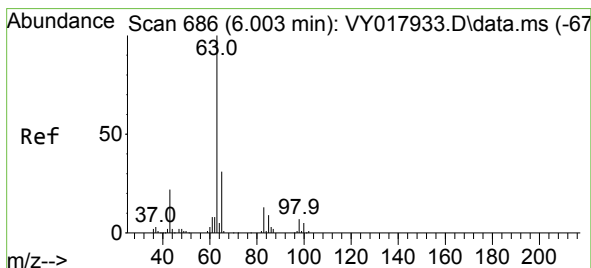
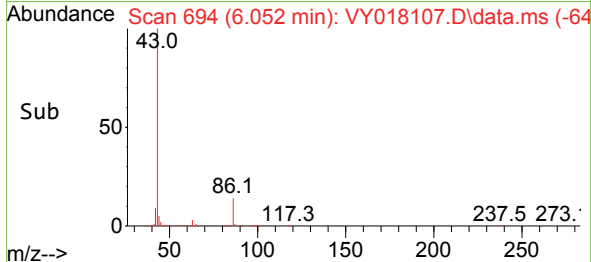
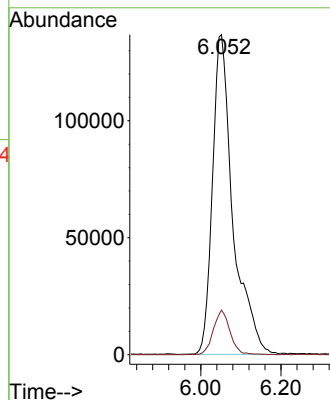
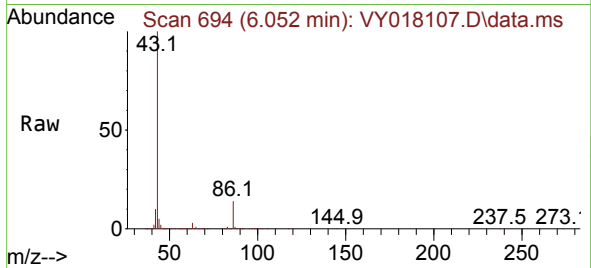




#23
 Vinyl Acetate
 Concen: 92.782 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. -0.012 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

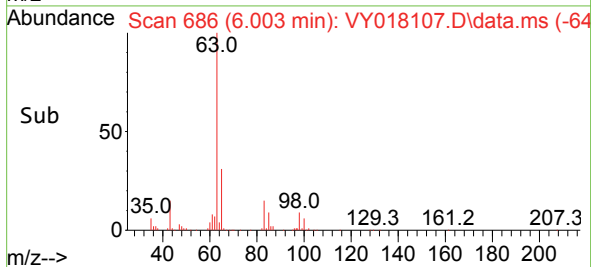
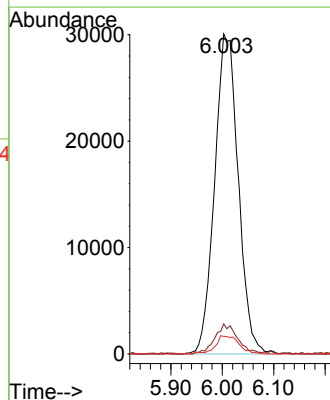
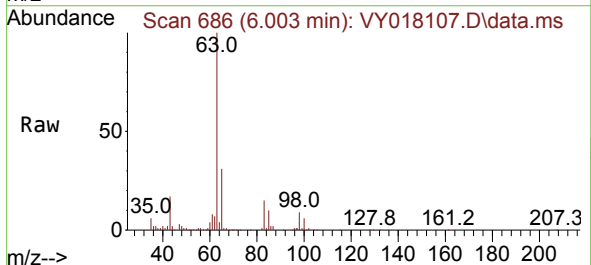
Instrument :
 MSVOA_Y
 ClientSampleId :

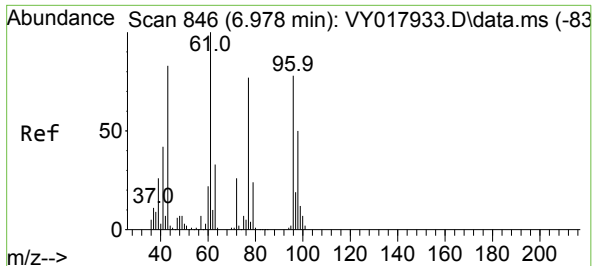
Tgt Ion: 43 Resp: 484574
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.328 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.018 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

Tgt Ion: 63 Resp: 96105
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 88.621 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

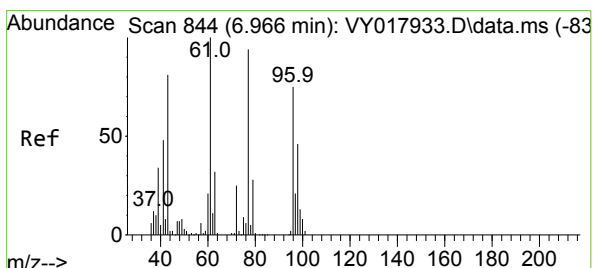
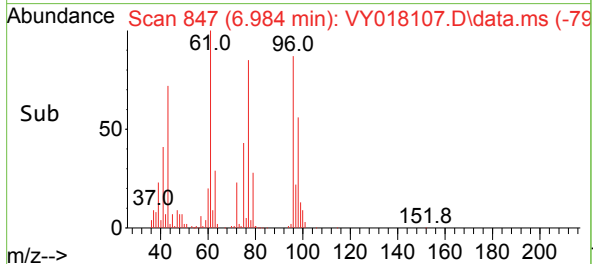
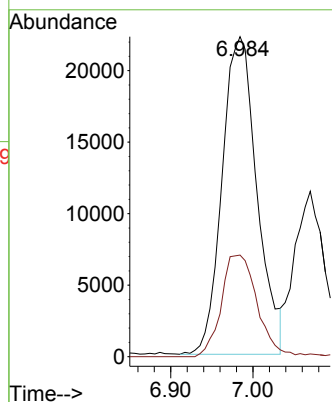
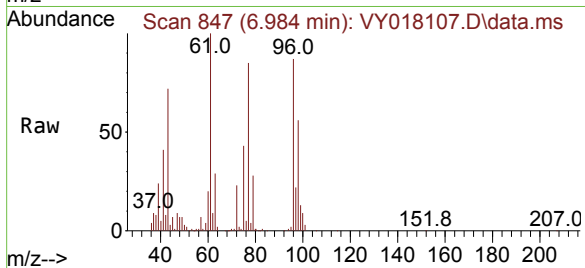
ClientSampleId :

Tgt Ion: 43 Resp: 65485

Ion Ratio Lower Upper

43 100

72 32.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.773 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018107.D

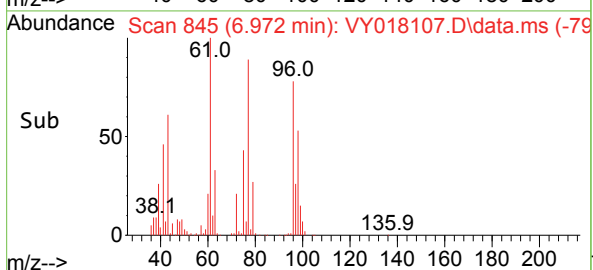
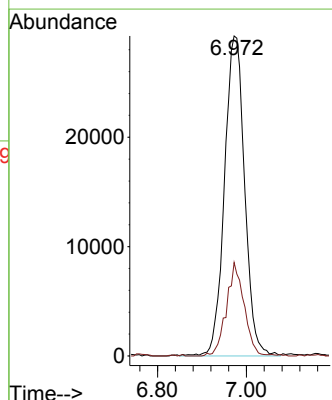
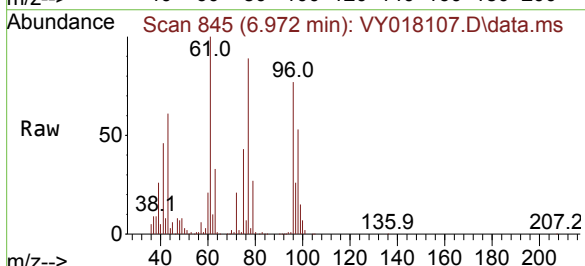
Acq: 02 May 2024 10:43

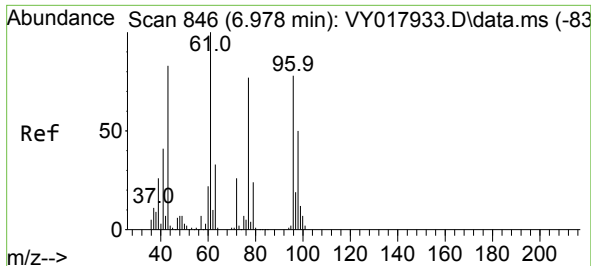
Tgt Ion: 77 Resp: 91948

Ion Ratio Lower Upper

77 100

97 25.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.502 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.000 min

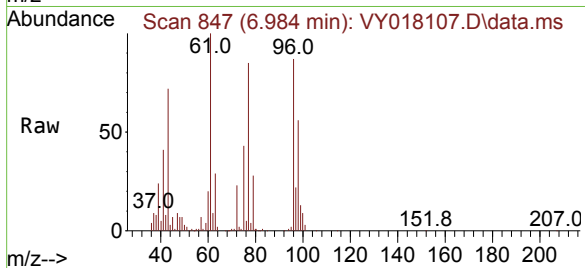
Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :



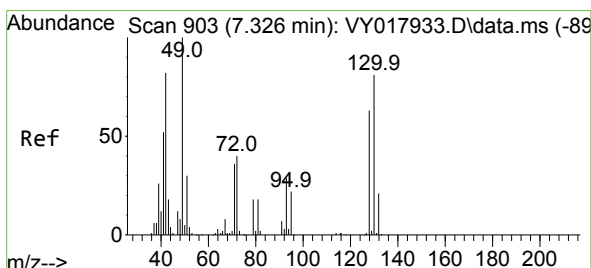
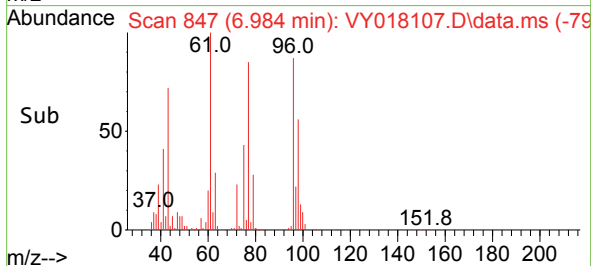
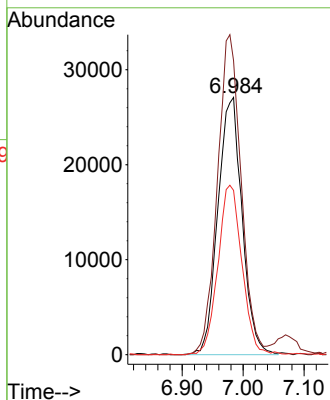
Tgt Ion: 96 Resp: 74764

Ion Ratio Lower Upper

96 100

61 122.4 0.0 256.2

98 65.5 0.0 130.0



#28

Bromochloromethane

Concen: 19.073 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

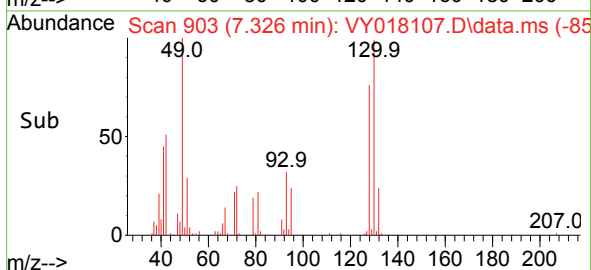
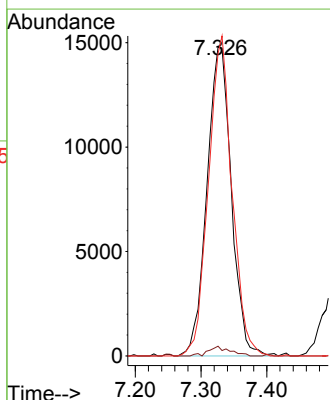
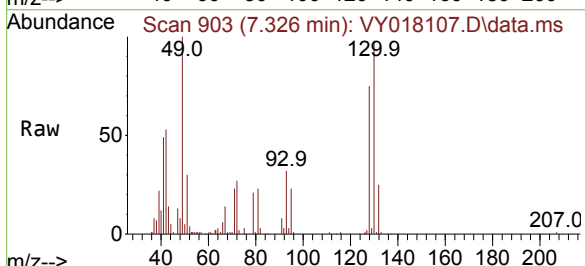
Tgt Ion: 49 Resp: 38326

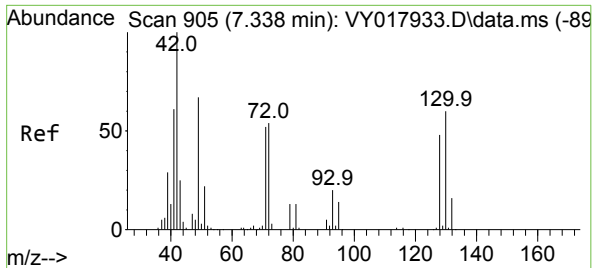
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 99.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 87.894 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

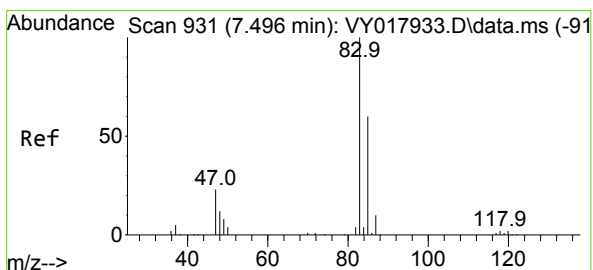
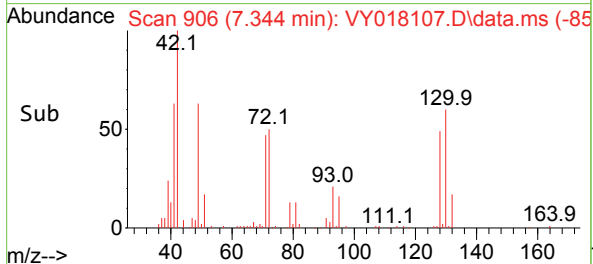
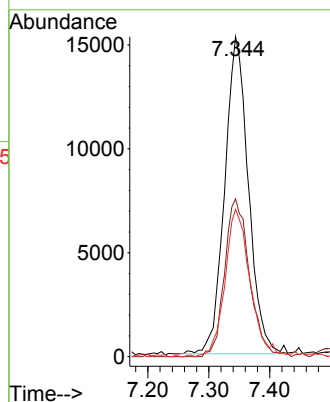
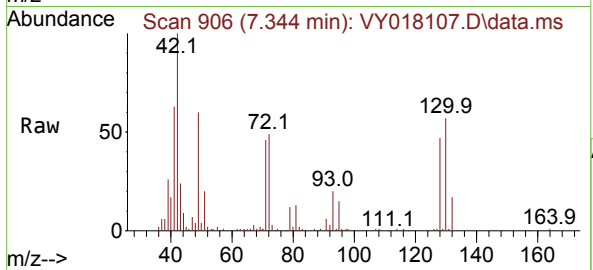
Tgt Ion: 42 Resp: 41289

Ion Ratio Lower Upper

42 100

72 52.1 43.0 64.4

71 48.9 40.8 61.2



#30

Chloroform

Concen: 19.386 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY018107.D

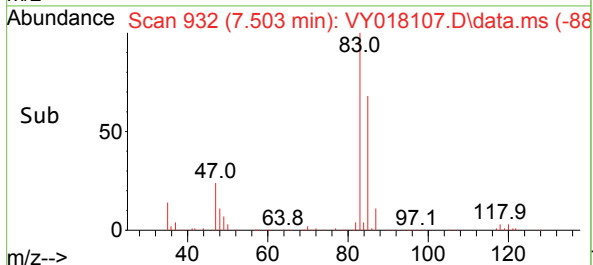
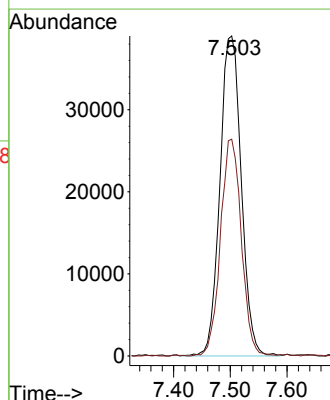
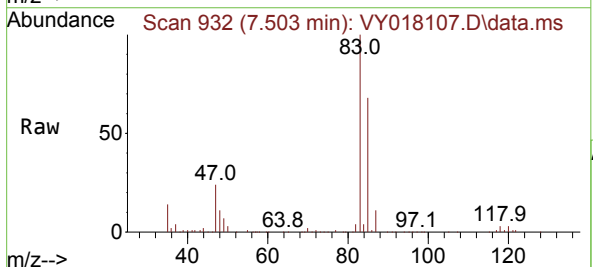
Acq: 02 May 2024 10:43

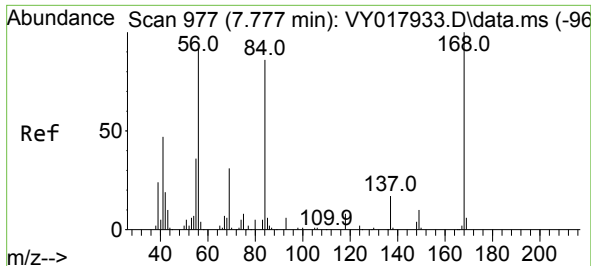
Tgt Ion: 83 Resp: 102003

Ion Ratio Lower Upper

83 100

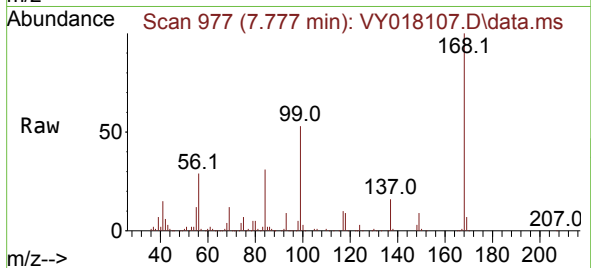
85 67.6 52.2 78.4



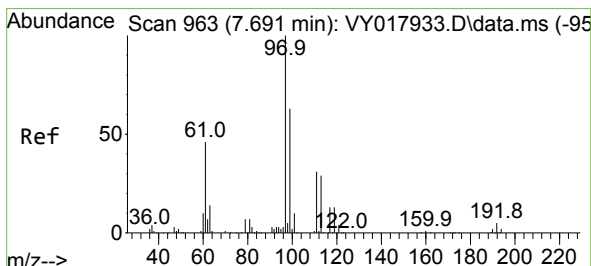
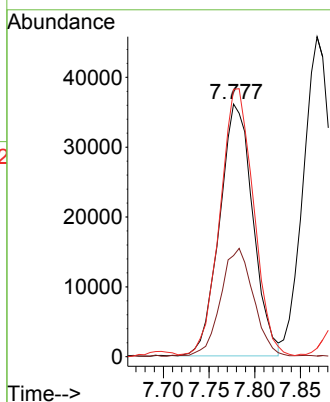
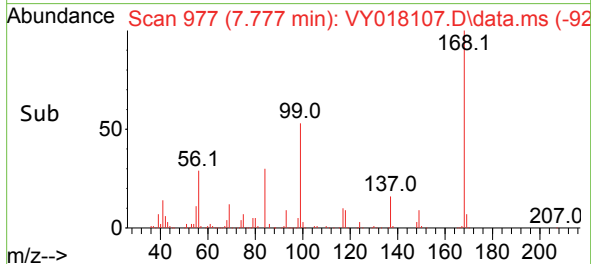


#31
Cyclohexane
Concen: 19.160 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

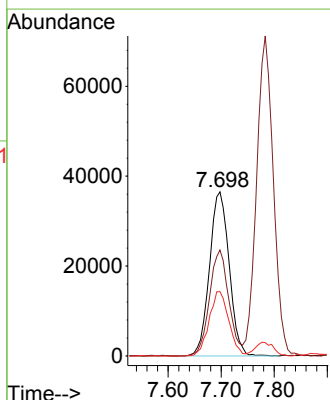
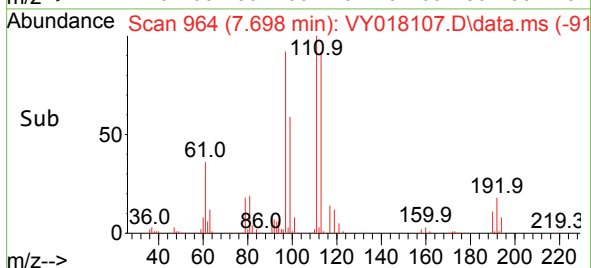
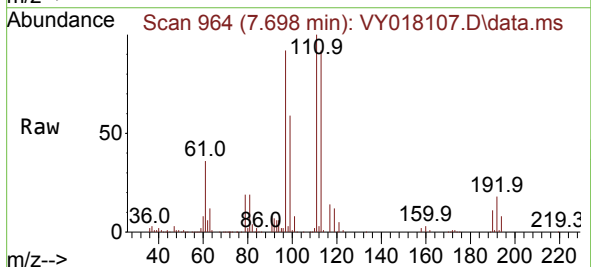


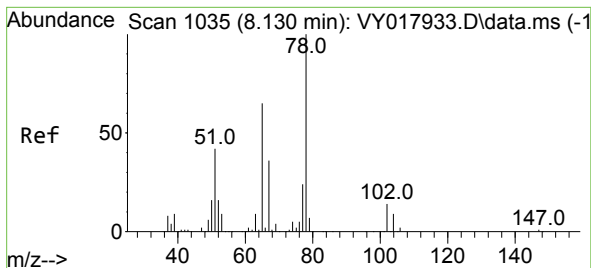
Tgt Ion: 56 Resp: 91534
Ion Ratio Lower Upper
56 100
69 39.7 28.7 43.1
84 105.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.579 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 97 Resp: 94030
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 39.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.328 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

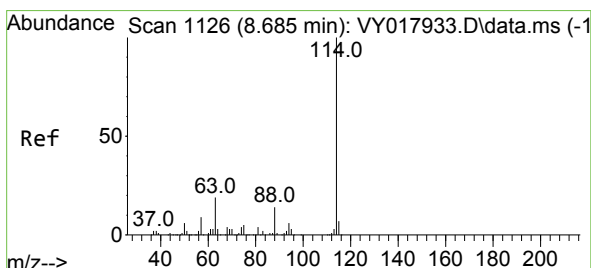
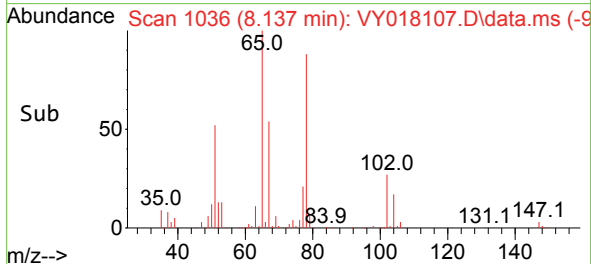
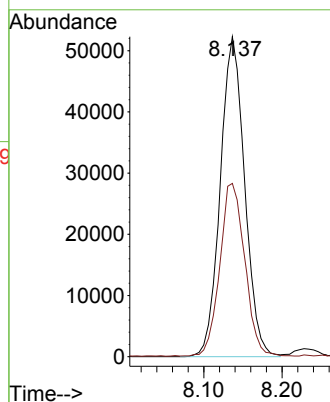
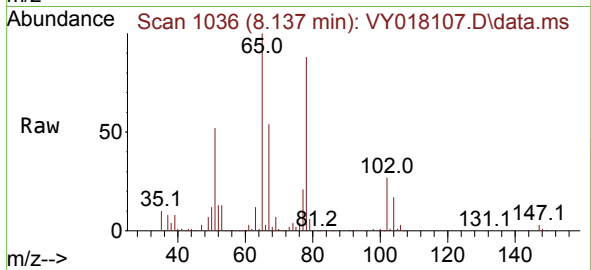
ClientSampleId :

Tgt Ion: 65 Resp: 113015

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

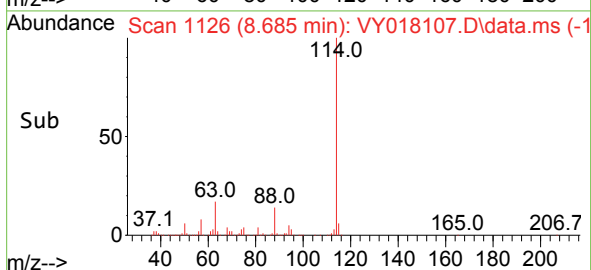
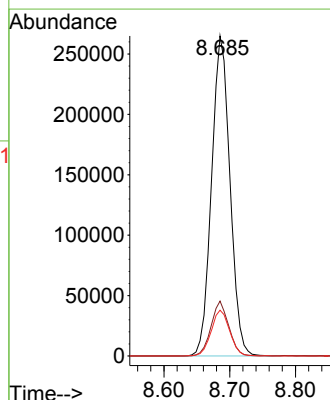
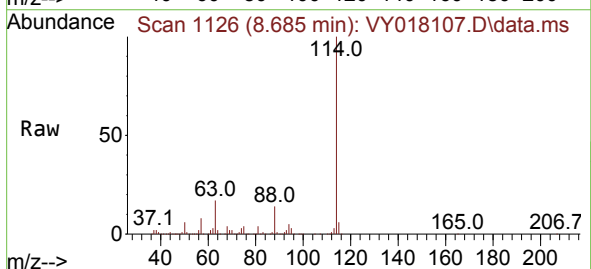
Tgt Ion:114 Resp: 516449

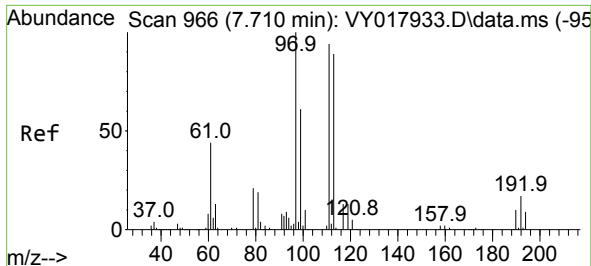
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

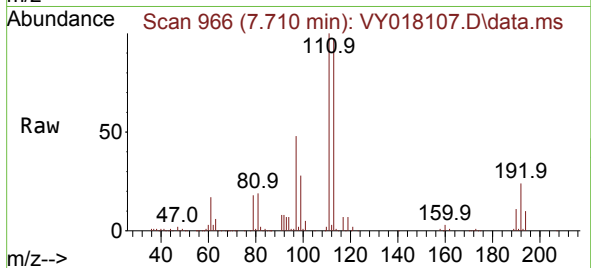
88 14.3 0.0 27.2



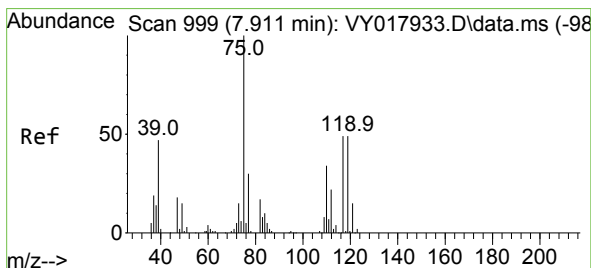
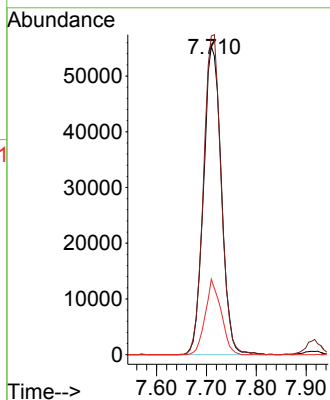
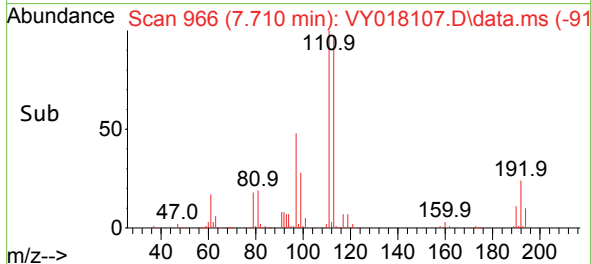


#35
Dibromofluoromethane
Concen: 46.229 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :

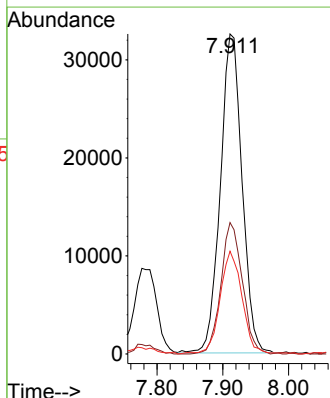
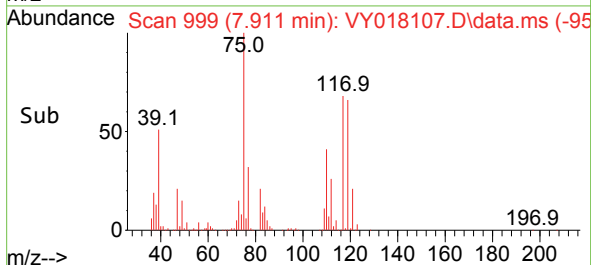
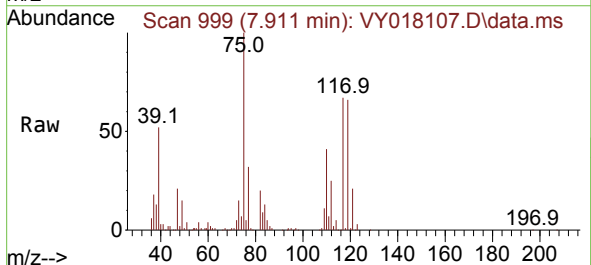


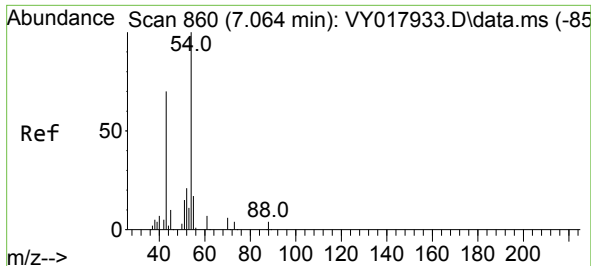
Tgt Ion:113 Resp: 137203
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.910 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

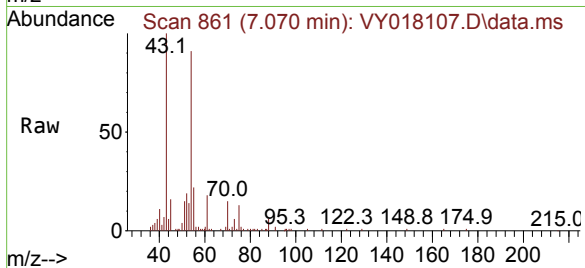
Tgt Ion: 75 Resp: 74918
Ion Ratio Lower Upper
75 100
110 40.7 19.0 57.0
77 32.9 25.3 37.9



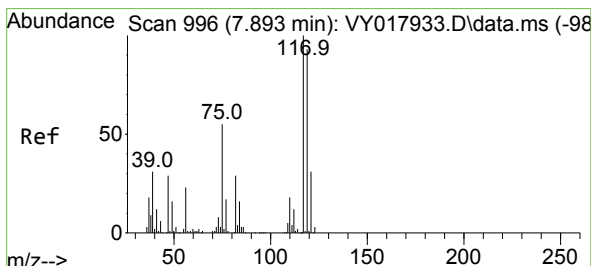
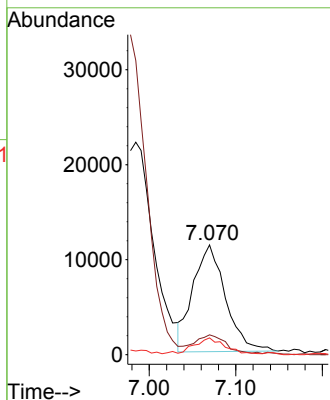
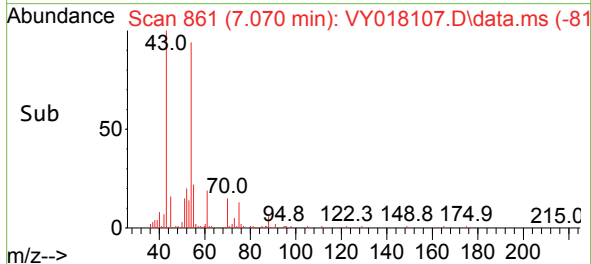


#37
Ethyl Acetate
Concen: 17.075 ug/l
RT: 7.070 min Scan# 810
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

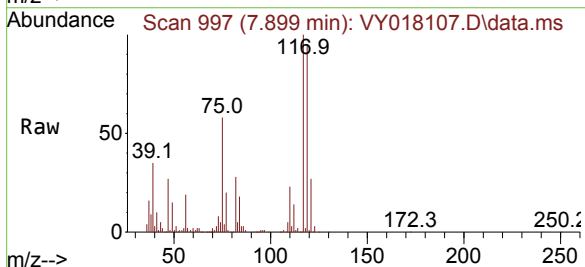
Instrument :
MSVOA_Y
ClientSampleId :



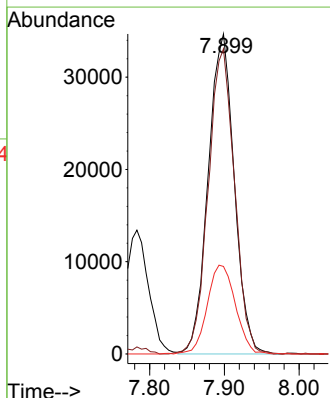
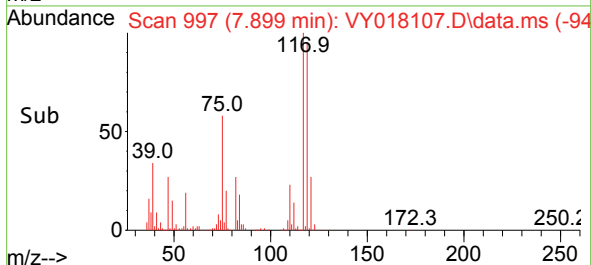
Tgt Ion: 43 Resp: 29438
Ion Ratio Lower Upper
43 100
61 16.8 12.6 19.0
70 14.6 7.8 11.8#

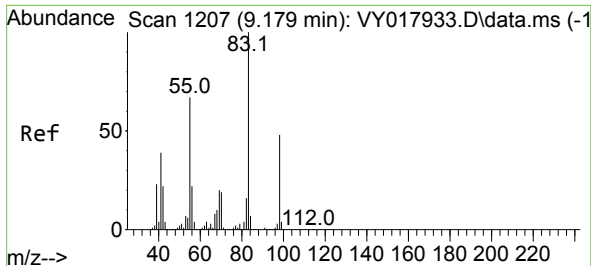


#38
Carbon Tetrachloride
Concen: 18.689 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43



Tgt Ion: 117 Resp: 84038
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 27.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.235 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

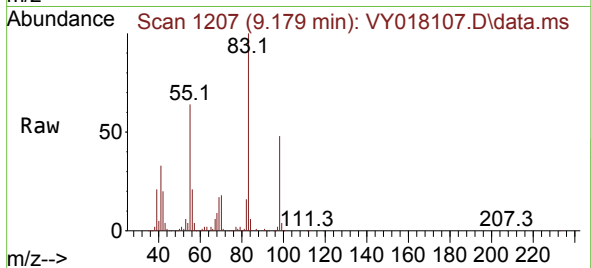
Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :



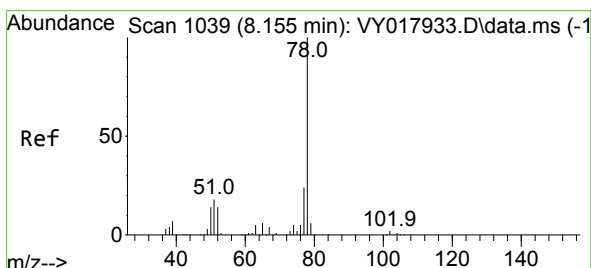
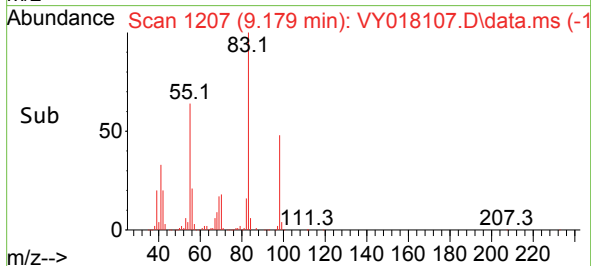
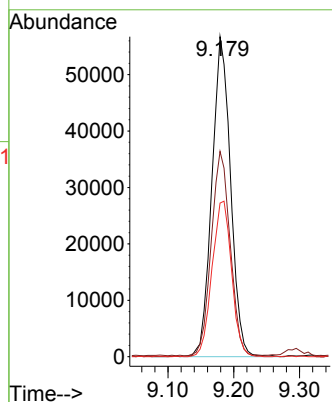
Tgt Ion: 83 Resp: 111924

Ion Ratio Lower Upper

83 100

55 63.7 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 19.152 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY018107.D

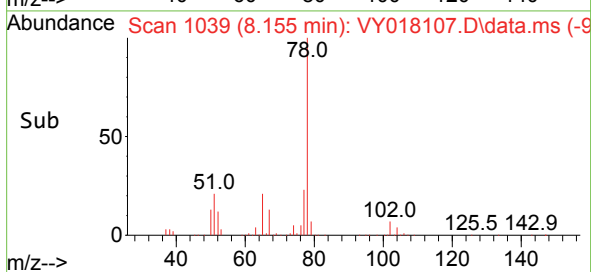
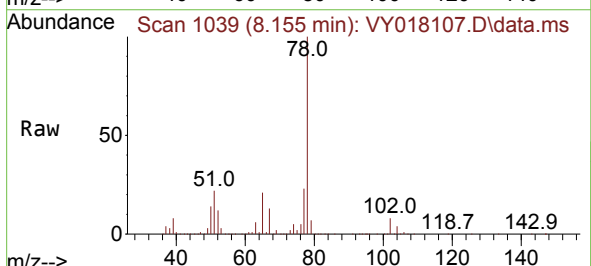
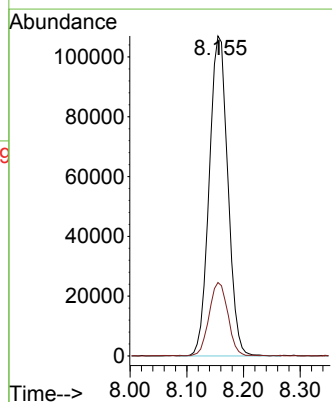
Acq: 02 May 2024 10:43

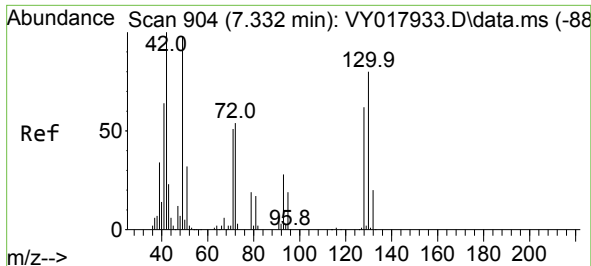
Tgt Ion: 78 Resp: 243806

Ion Ratio Lower Upper

78 100

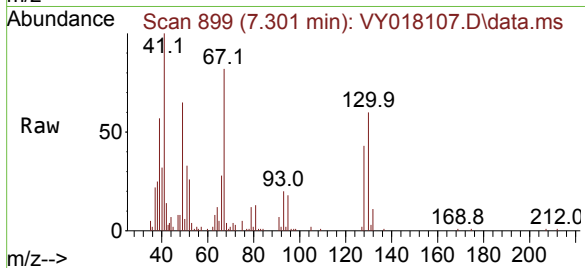
77 22.8 19.5 29.3





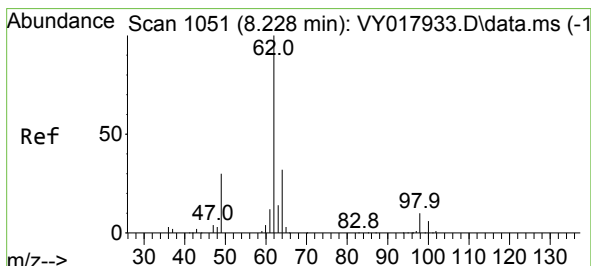
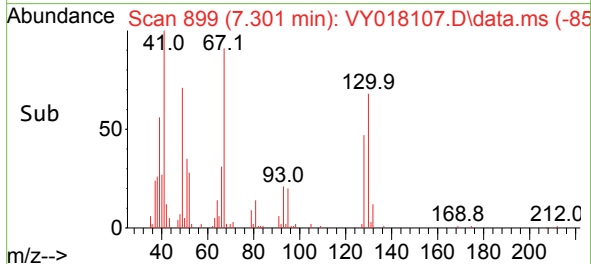
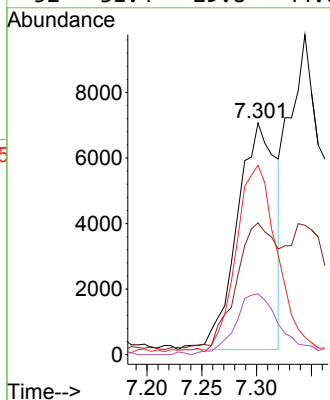
#41
Methacrylonitrile
Concen: 16.866 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 17148

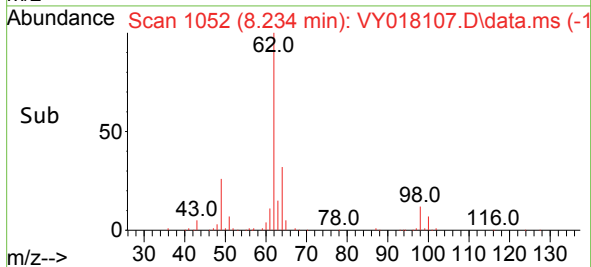
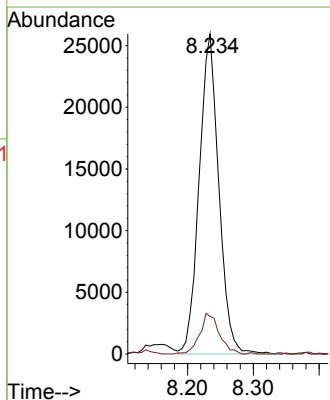
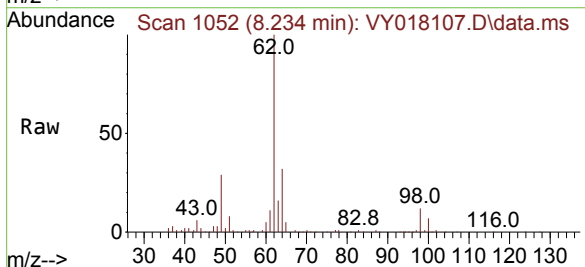
Ion	Ratio	Lower	Upper
41	100		
39	57.3	48.0	72.0
67	86.7	75.1	112.7
52	31.4	29.8	44.6

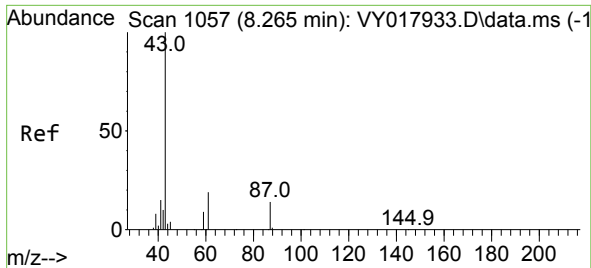


#42
1,2-Dichloroethane
Concen: 18.262 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 62 Resp: 53860

Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 17.578 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY018107.D

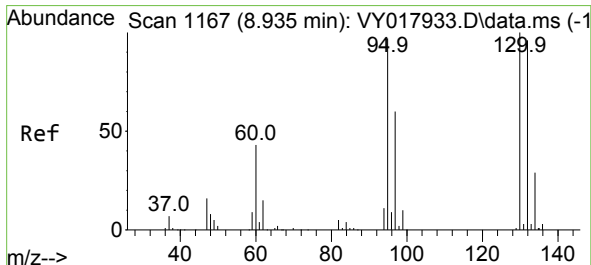
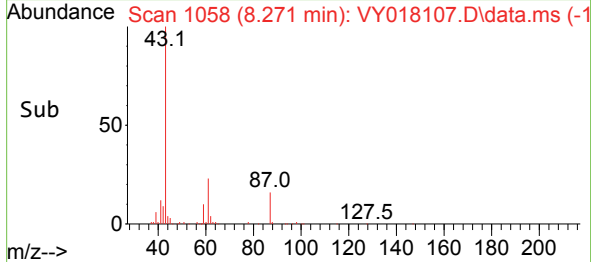
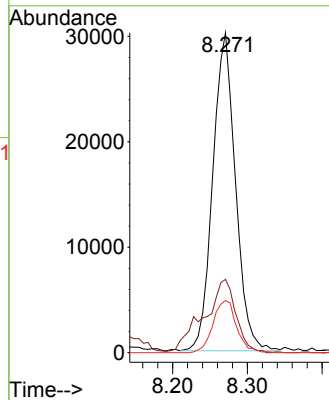
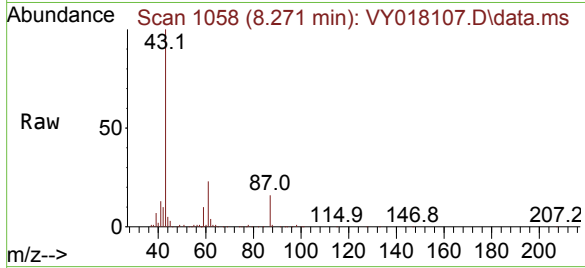
Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 63666
Ion Ratio	Lower Upper
43	100
61	32.5 27.9 41.9
87	17.1 13.1 19.7



#44

Trichloroethene

Concen: 18.966 ug/l

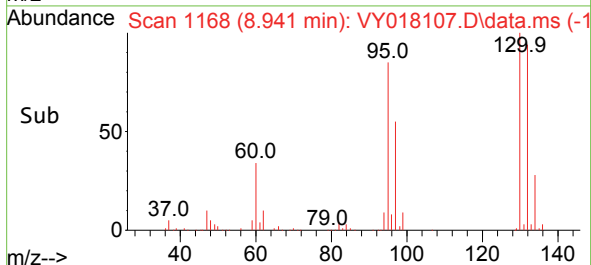
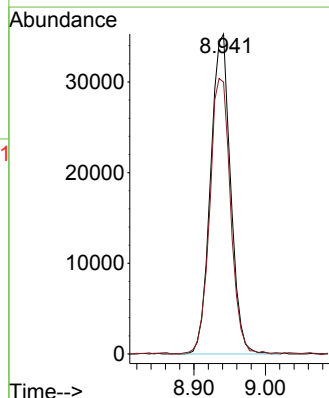
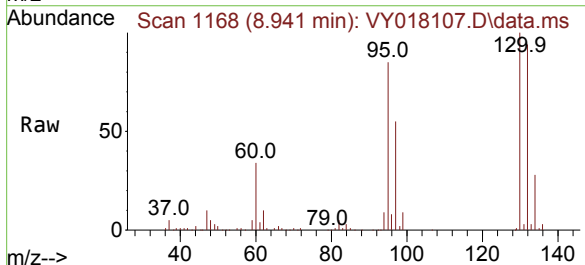
RT: 8.941 min Scan# 1168

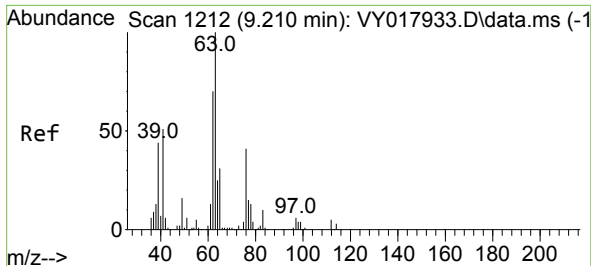
Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Tgt Ion: 130	Resp: 68470
Ion Ratio	Lower Upper
130	100
95	84.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.027 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

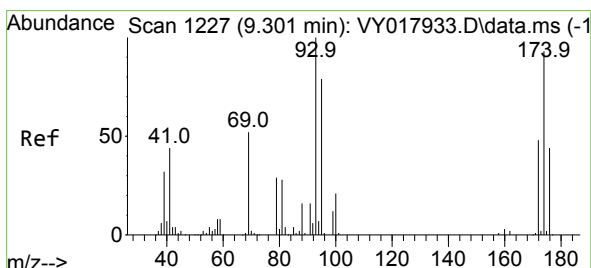
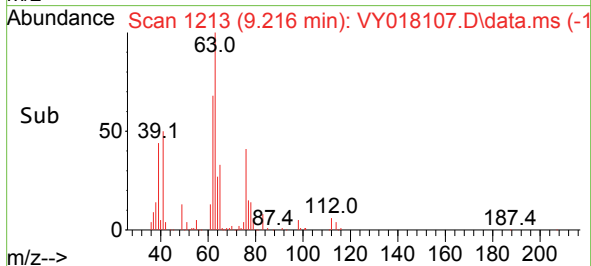
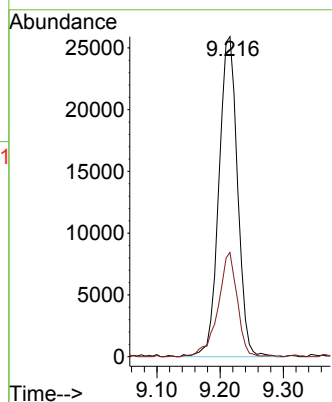
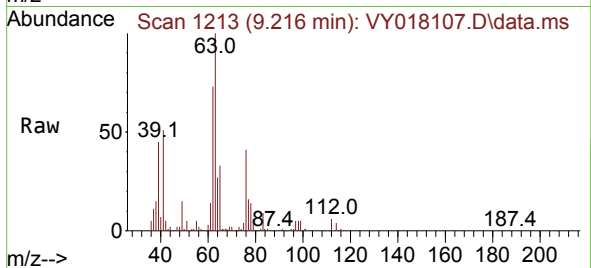
ClientSampleId :

Tgt Ion: 63 Resp: 52848

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 18.333 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

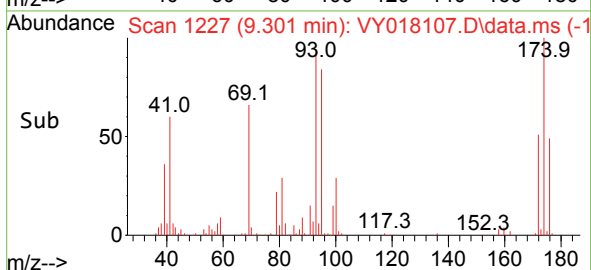
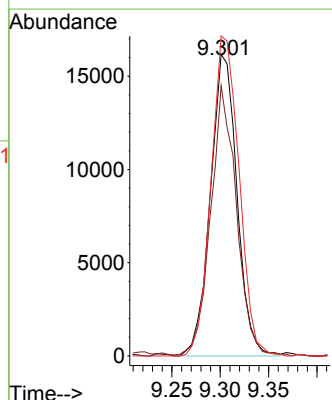
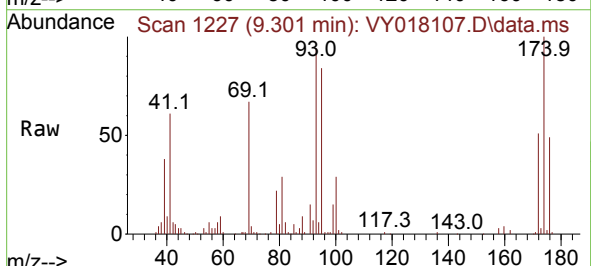
Tgt Ion: 93 Resp: 30958

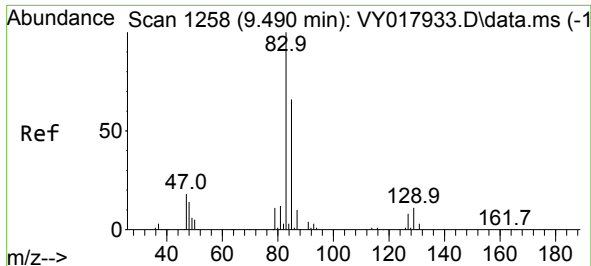
Ion Ratio Lower Upper

93 100

95 86.6 66.2 99.4

174 111.8 80.9 121.3

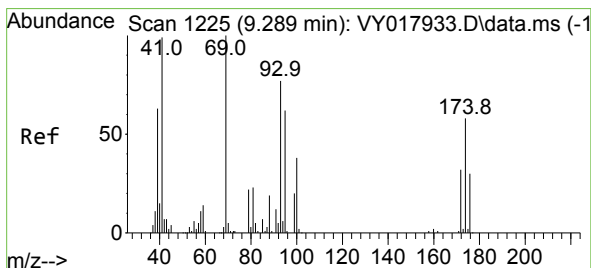
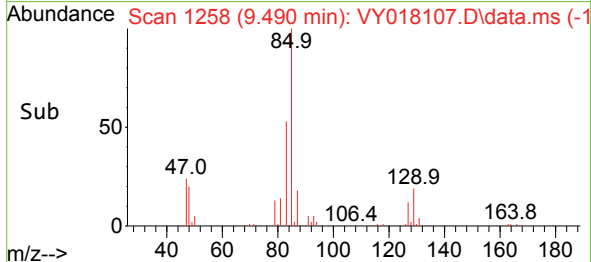
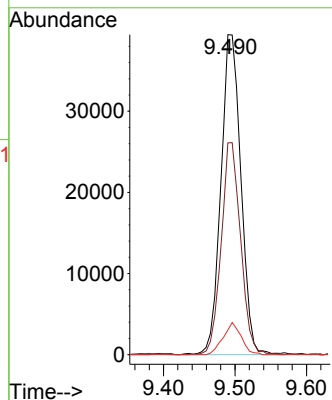
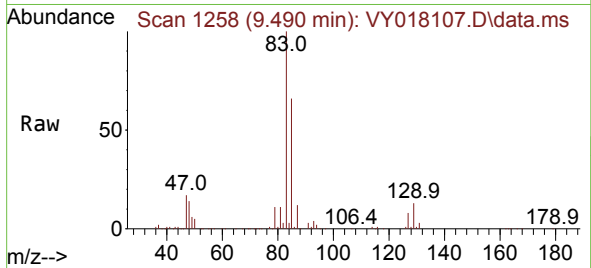




#47
Bromodichloromethane
Concen: 18.488 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

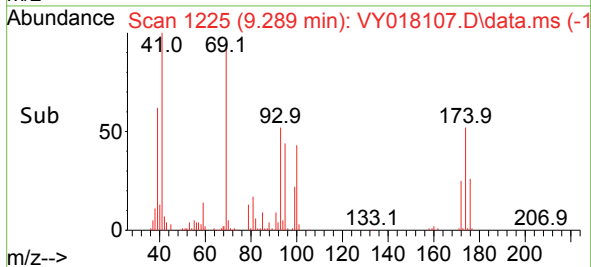
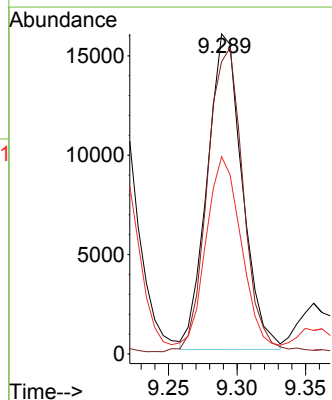
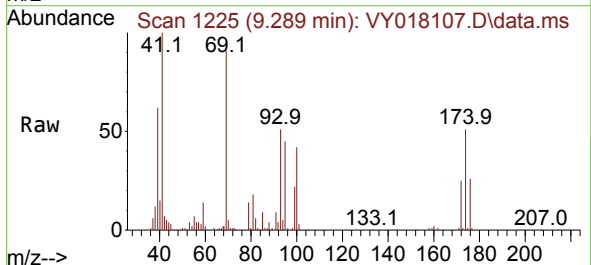
Instrument :
MSVOA_Y
ClientSampleId :

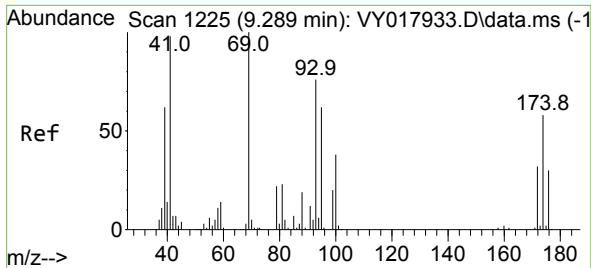
Tgt Ion: 83 Resp: 76646
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 17.033 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 41 Resp: 28241
Ion Ratio Lower Upper
41 100
69 98.5 84.1 126.1
39 59.1 43.6 65.4

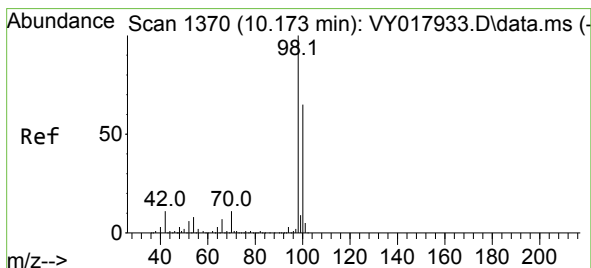
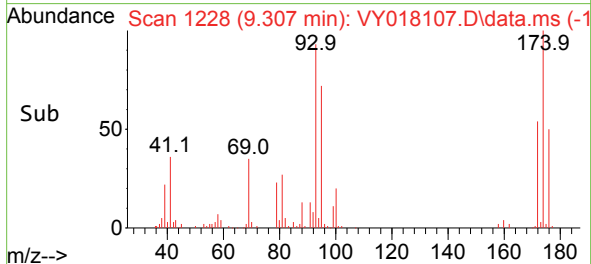
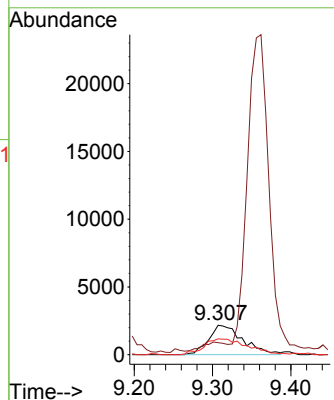
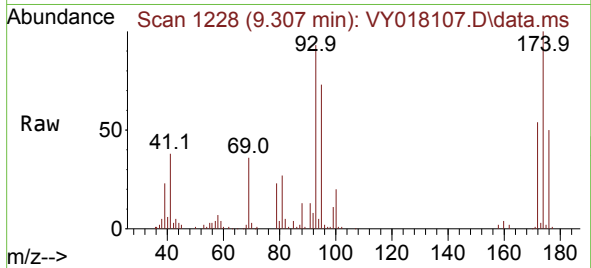




#49
1,4-Dioxane
Concen: 352.971 ug/l
RT: 9.307 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

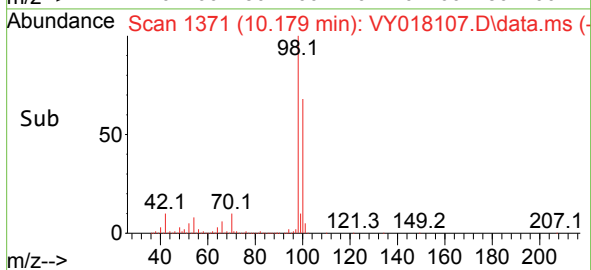
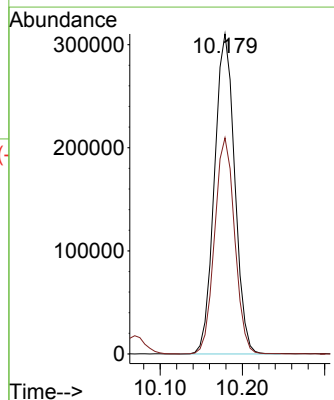
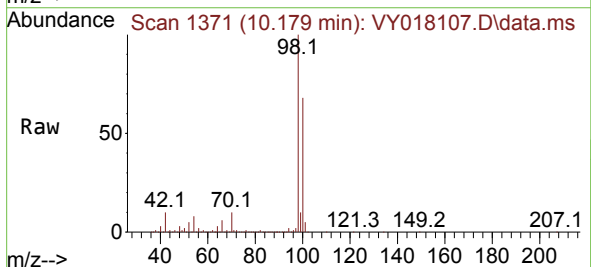
Instrument :
MSVOA_Y
ClientSampleId :

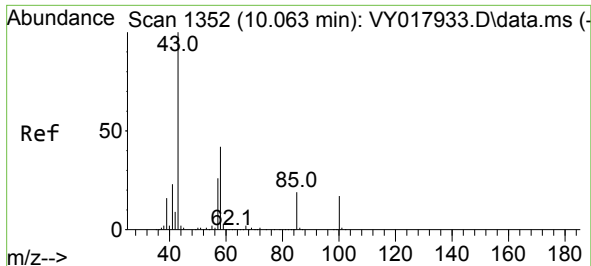
Tgt Ion: 88 Resp: 6613
Ion Ratio Lower Upper
88 100
43 21.1 0.0 0.0#
58 68.4 49.3 73.9



#50
Toluene-d8
Concen: 45.752 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 98 Resp: 530097
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 86.882 ug/l

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

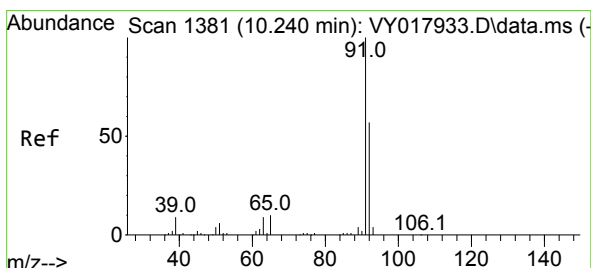
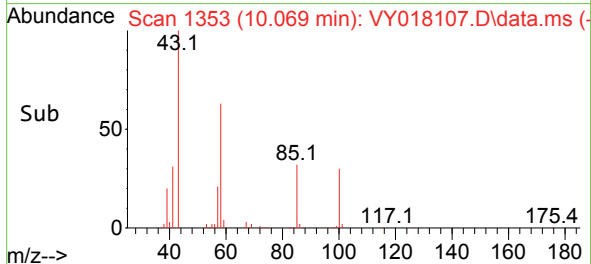
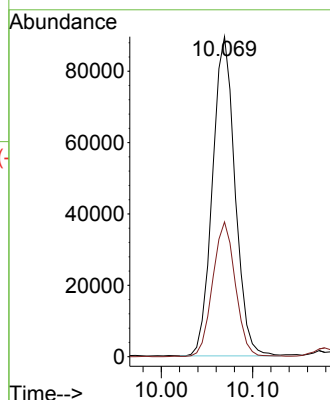
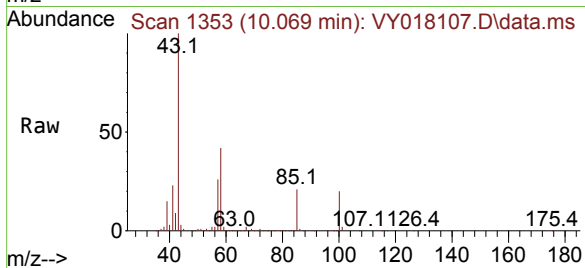
ClientSampleId :

Tgt Ion: 43 Resp: 153695

Ion Ratio Lower Upper

43 100

58 42.6 35.7 53.5



#52

Toluene

Concen: 18.778 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY018107.D

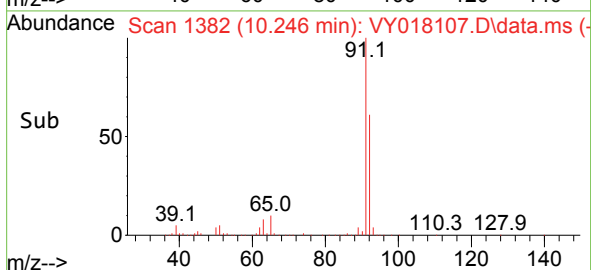
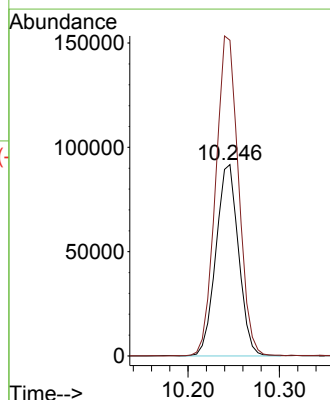
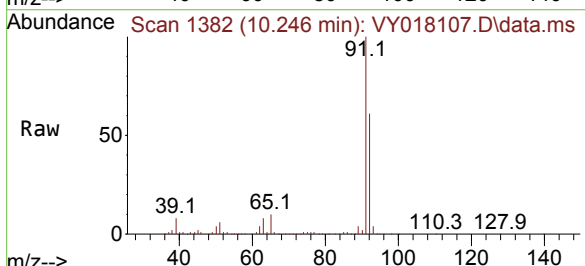
Acq: 02 May 2024 10:43

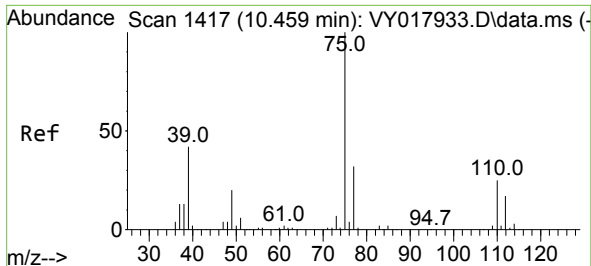
Tgt Ion: 92 Resp: 158207

Ion Ratio Lower Upper

92 100

91 169.2 139.0 208.6

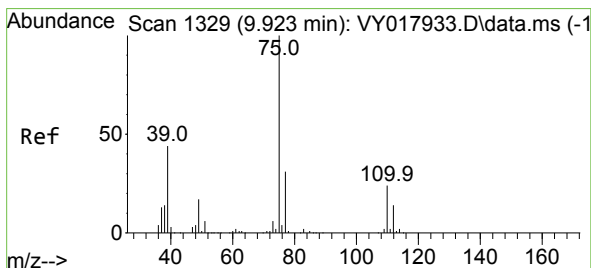
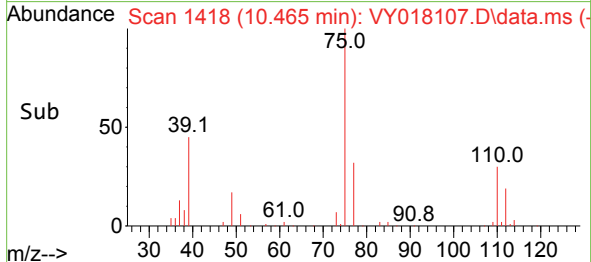
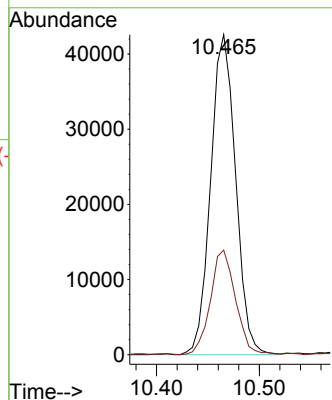
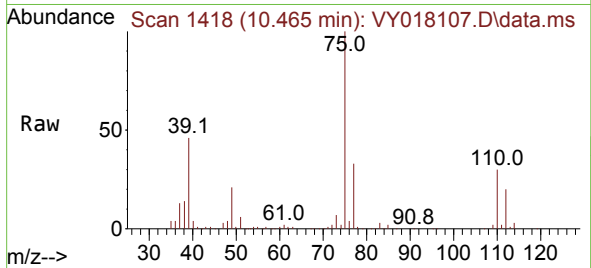




#53
 t-1,3-Dichloropropene
 Concen: 17.926 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

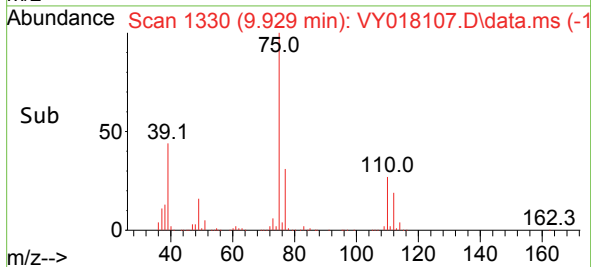
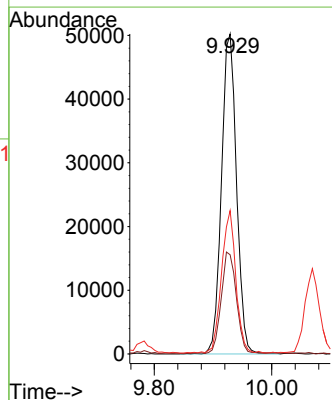
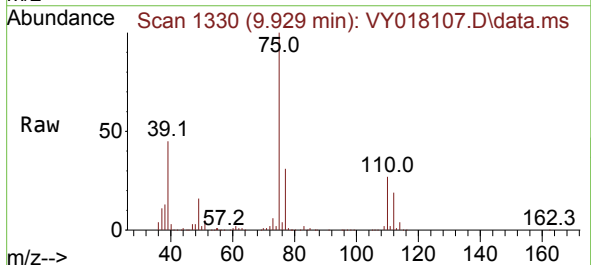
Instrument :
 MSVOA_Y
 ClientSampleId :

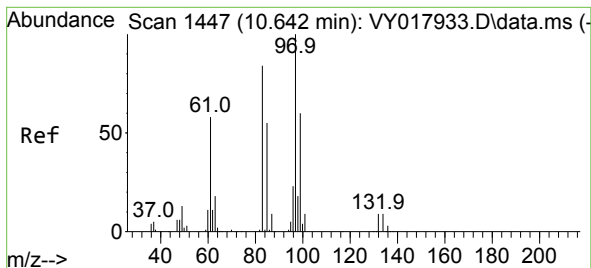
Tgt Ion: 75 Resp: 71805
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.947 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

Tgt Ion: 75 Resp: 89161
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 44.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.635 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 42325

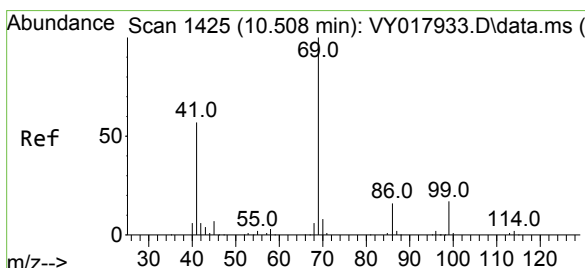
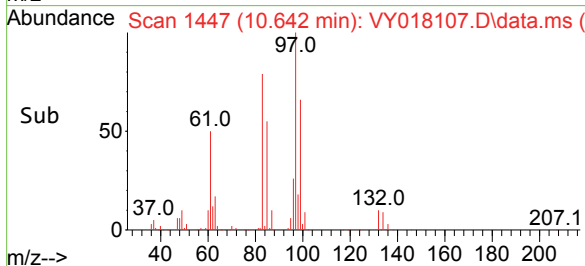
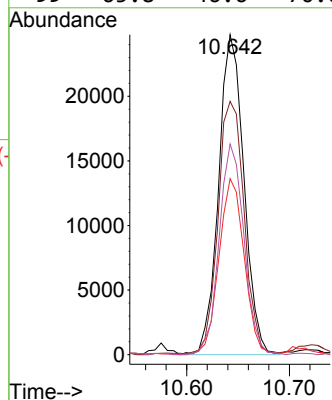
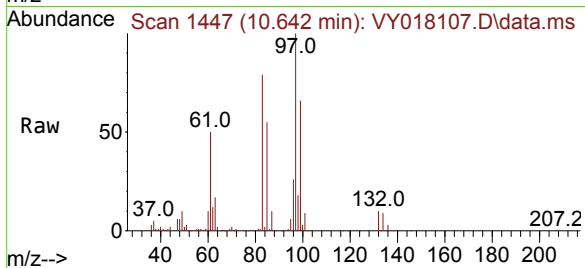
Ion Ratio Lower Upper

97 100

83 78.7 67.5 101.3

85 55.0 42.9 64.3

99 65.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.315 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

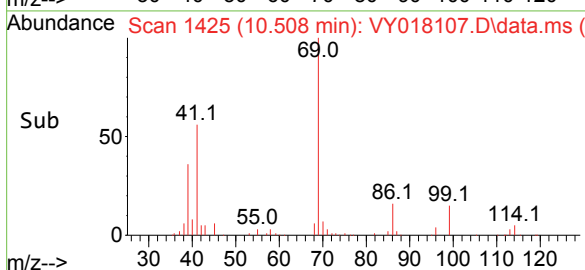
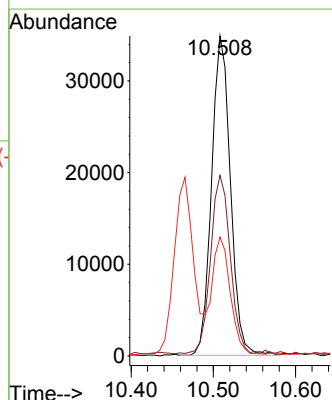
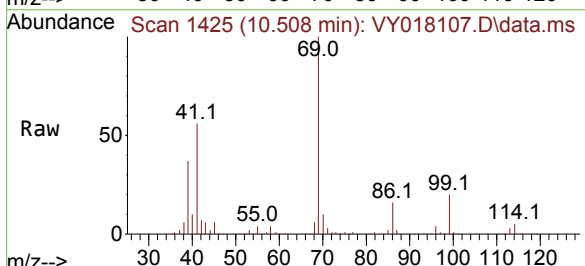
Tgt Ion: 69 Resp: 55603

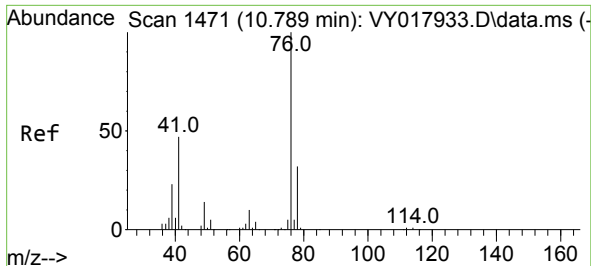
Ion Ratio Lower Upper

69 100

41 58.1 42.3 63.5

39 34.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 18.936 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

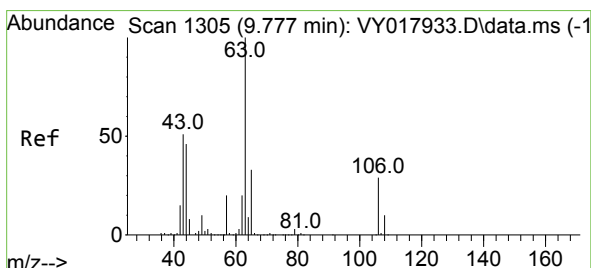
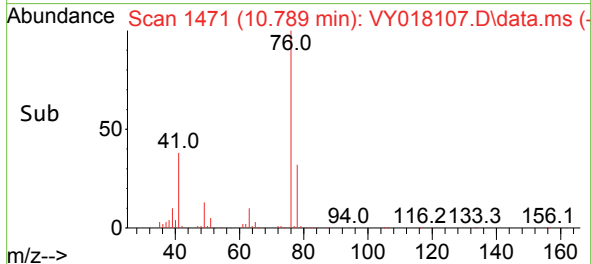
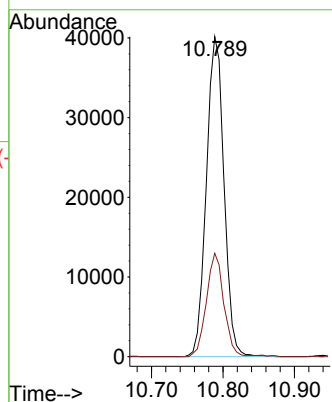
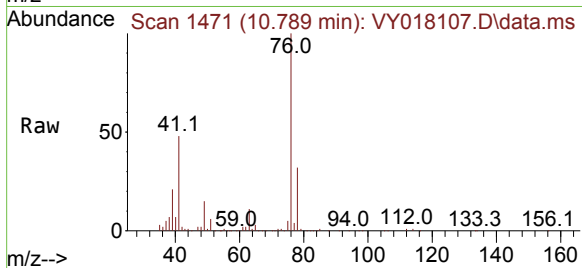
ClientSampleId :

Tgt Ion: 76 Resp: 68712

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.677 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY018107.D

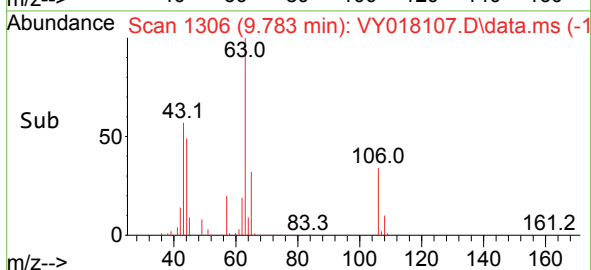
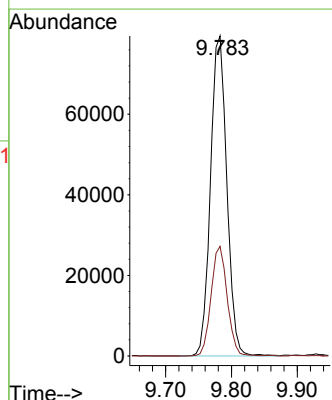
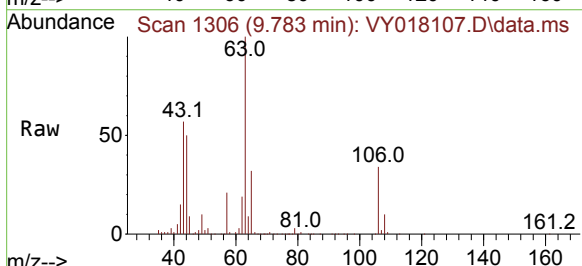
Acq: 02 May 2024 10:43

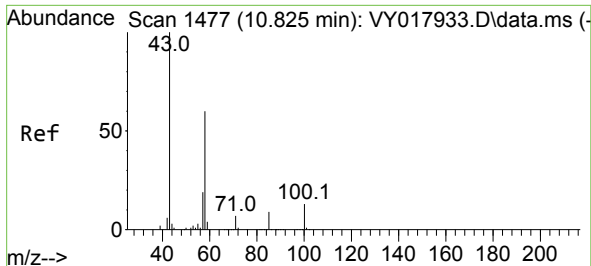
Tgt Ion: 63 Resp: 137428

Ion Ratio Lower Upper

63 100

106 33.7 23.7 35.5

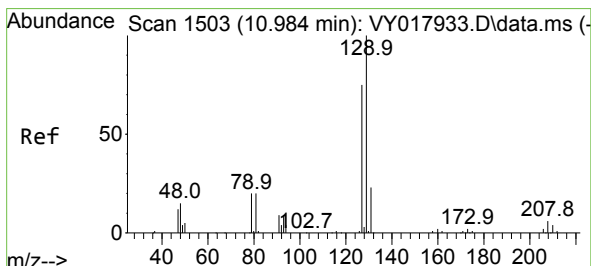
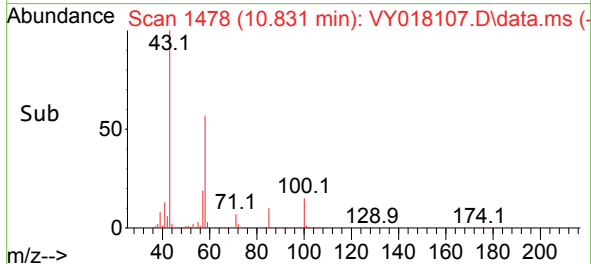
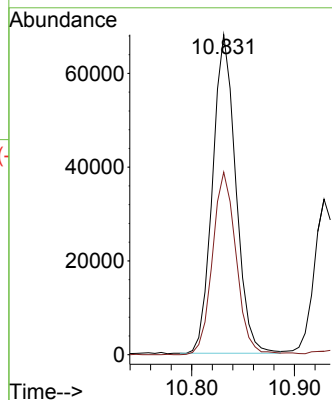
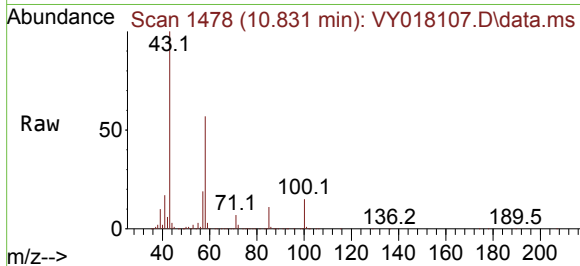




#59
2-Hexanone
Concen: 84.335 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

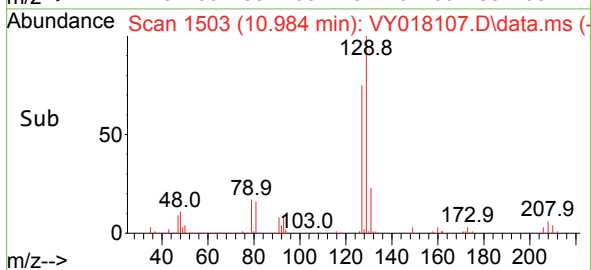
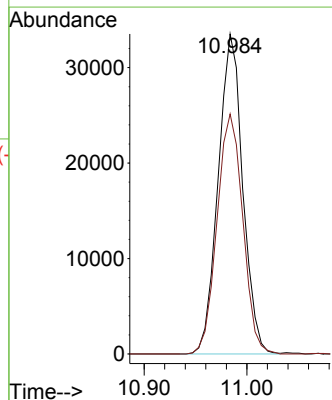
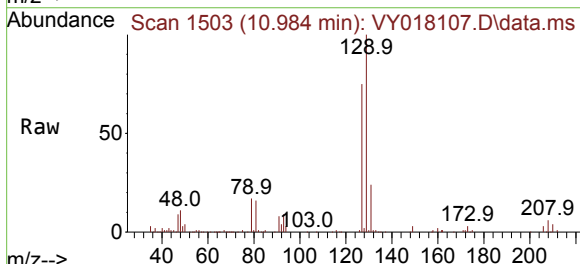
Instrument :
MSVOA_Y
ClientSampleId :

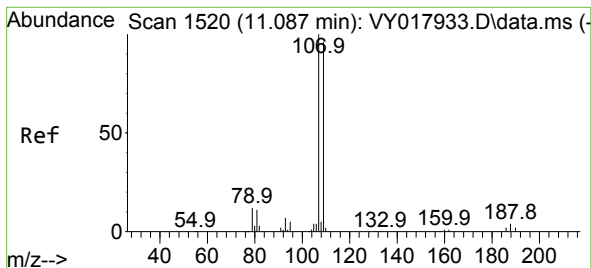
Tgt Ion: 43 Resp: 106480
Ion Ratio Lower Upper
43 100
58 58.6 31.4 94.0



#60
Dibromochloromethane
Concen: 18.012 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 129 Resp: 55565
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

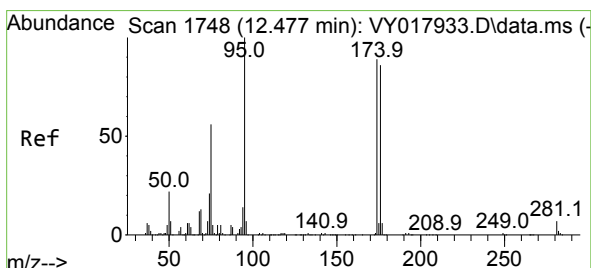
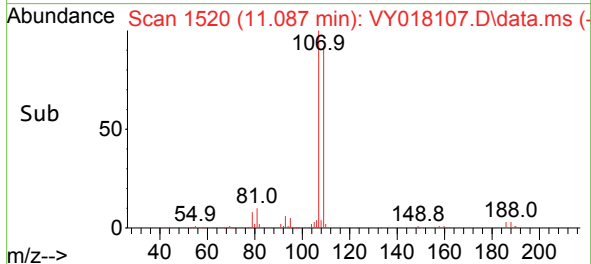
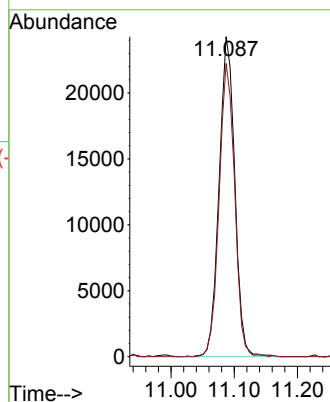
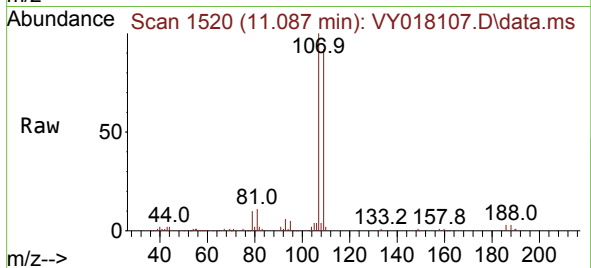




#61
1,2-Dibromoethane
Concen: 19.060 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

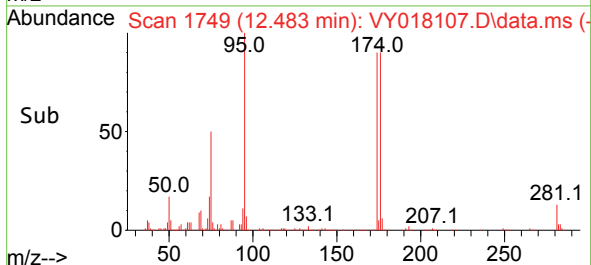
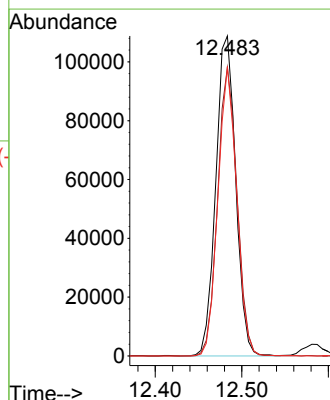
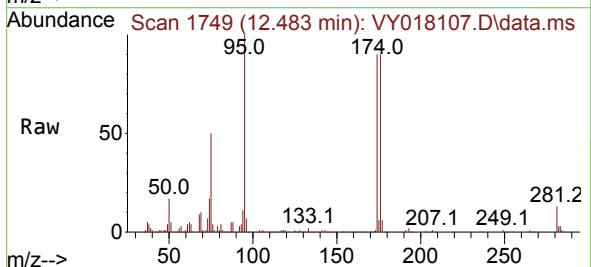
Instrument :
MSVOA_Y
ClientSampleId :

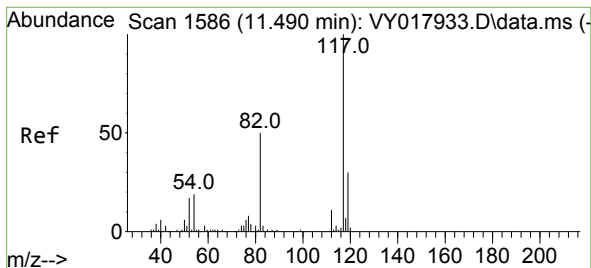
Tgt Ion:107 Resp: 41483
Ion Ratio Lower Upper
107 100
109 91.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 95 Resp: 173618
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

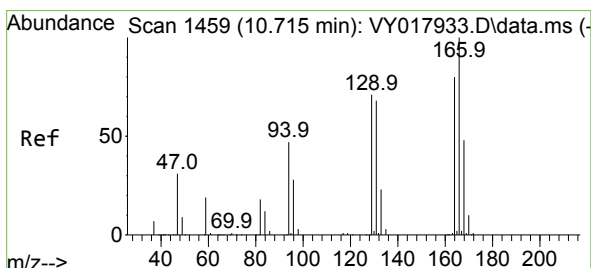
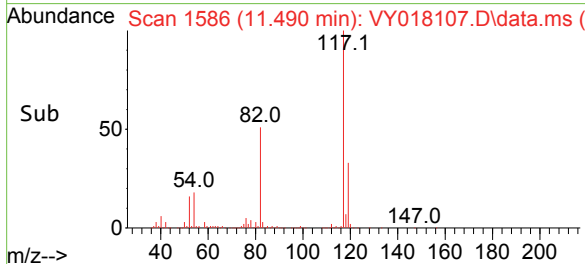
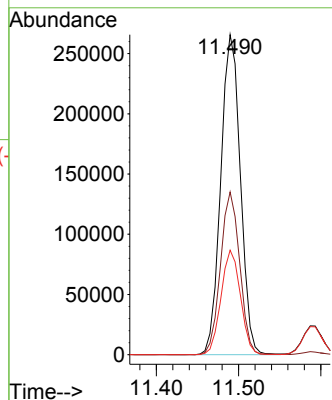
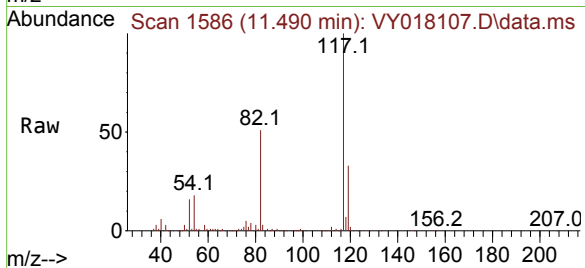
Tgt Ion:117 Resp: 440502

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 18.606 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Tgt Ion:164 Resp: 59329

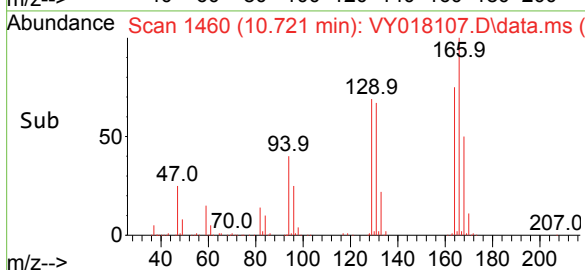
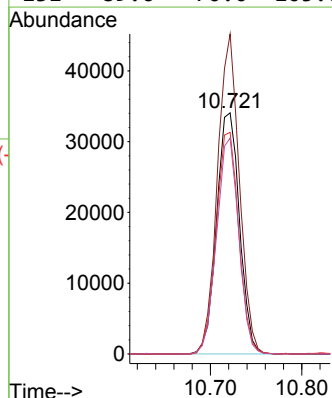
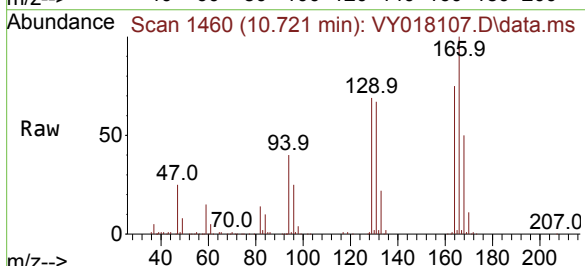
Ion Ratio Lower Upper

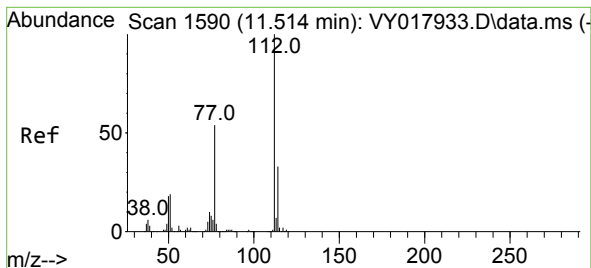
164 100

166 132.7 102.6 154.0

129 91.9 72.0 108.0

131 89.6 70.0 105.0





#65

Chlorobenzene

Concen: 18.960 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

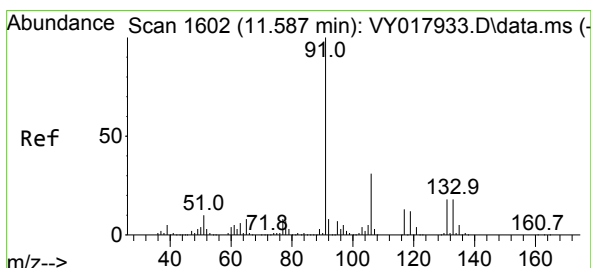
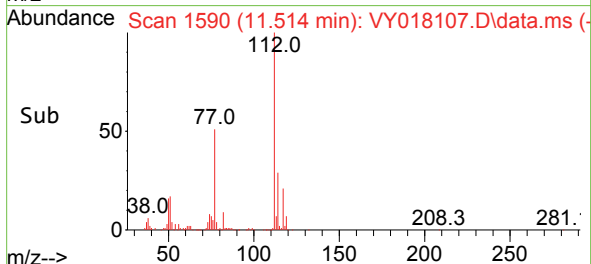
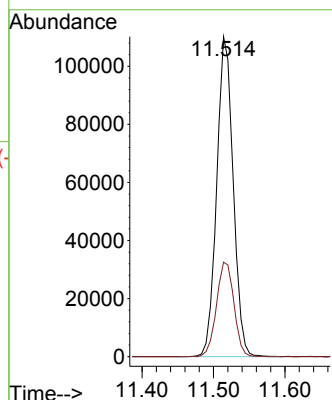
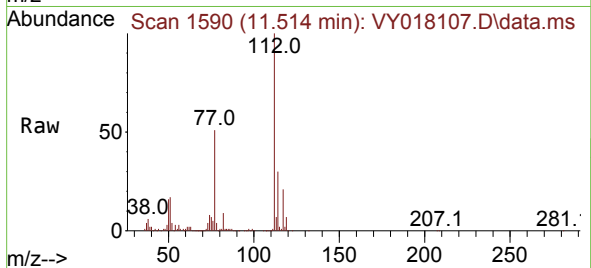
ClientSampleId :

Tgt Ion:112 Resp: 176285

Ion Ratio Lower Upper

112 100

114 29.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.509 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

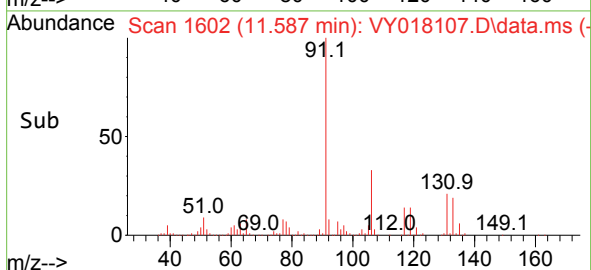
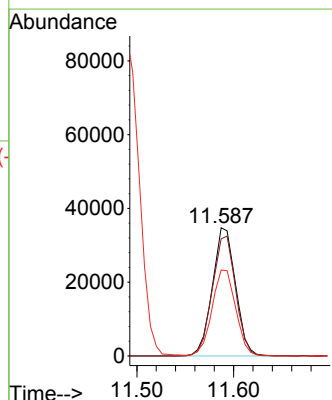
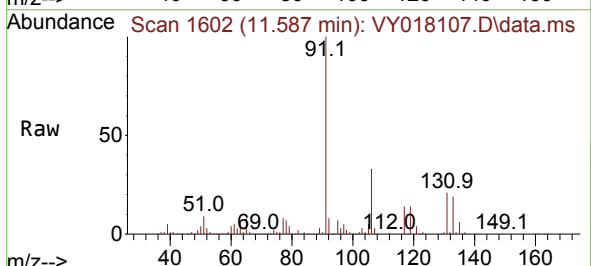
Tgt Ion:131 Resp: 57890

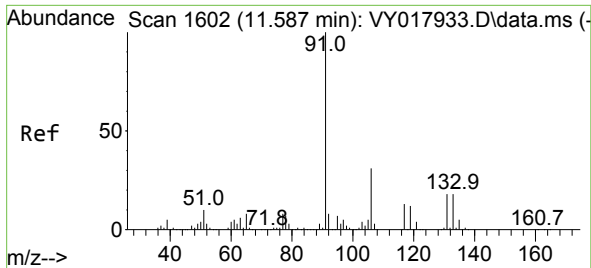
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

119 68.6 34.1 102.2

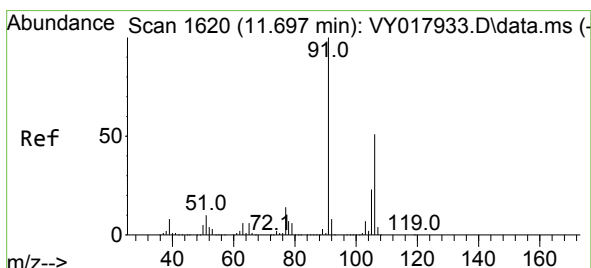
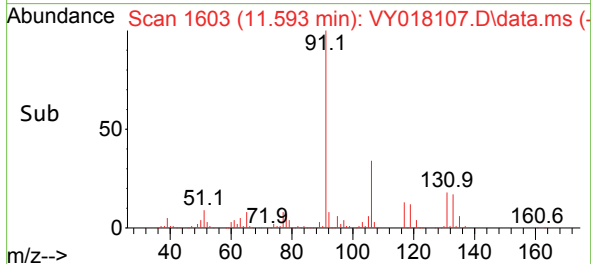
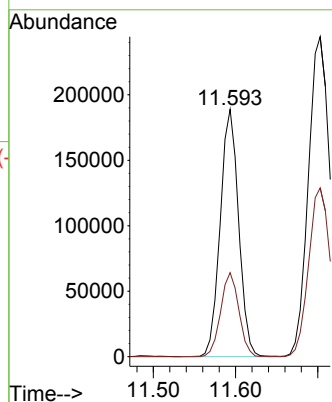
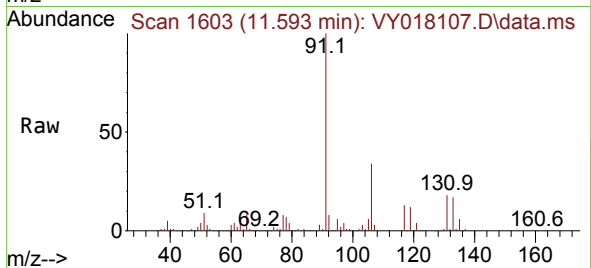




#67
Ethyl Benzene
Concen: 18.802 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

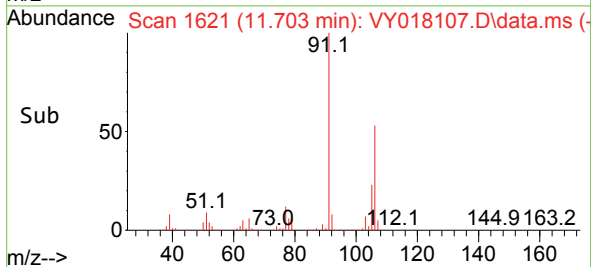
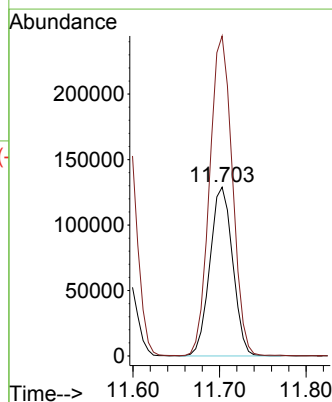
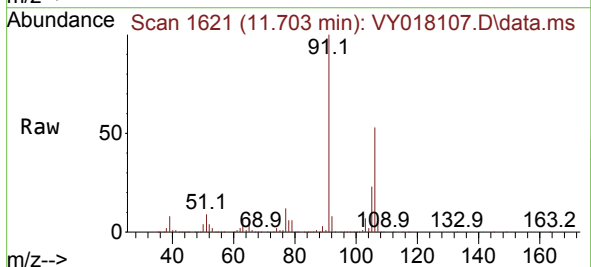
Instrument :
MSVOA_Y
ClientSampleId :

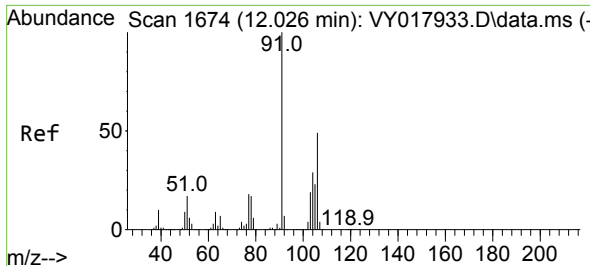
Tgt Ion: 91 Resp: 293163
Ion Ratio Lower Upper
91 100
106 34.0 24.5 36.7



#68
m/p-Xylenes
Concen: 37.738 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion:106 Resp: 235771
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0

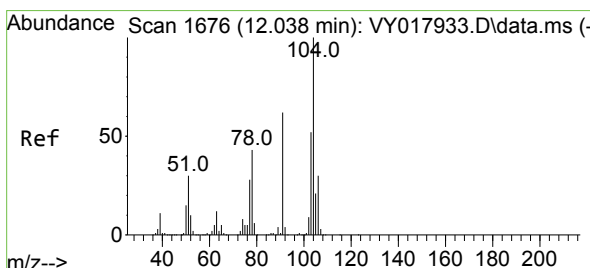
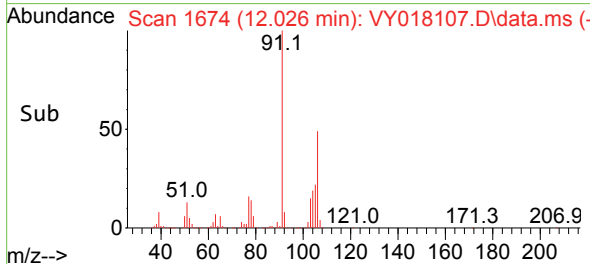
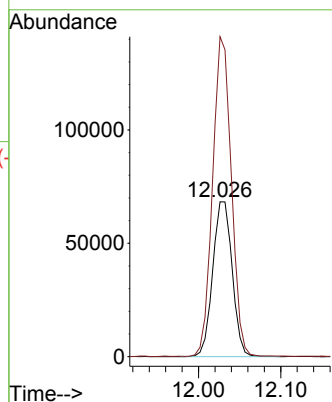
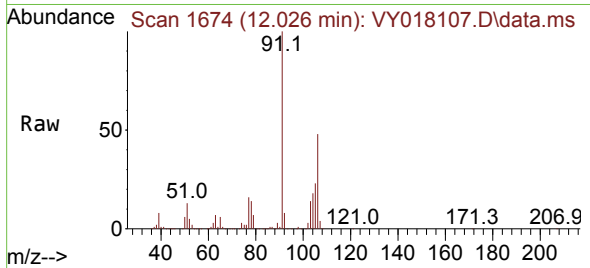




#69
o-Xylene
Concen: 18.722 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

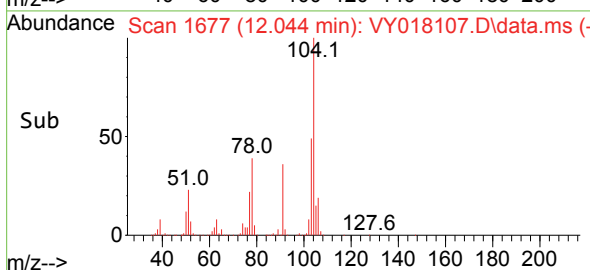
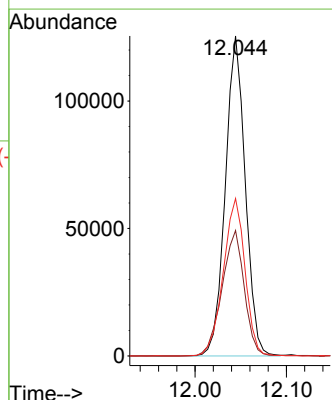
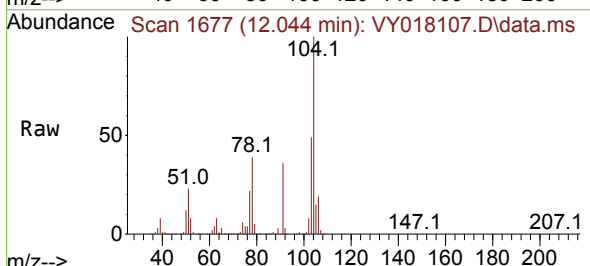
Instrument :
MSVOA_Y
ClientSampleId :

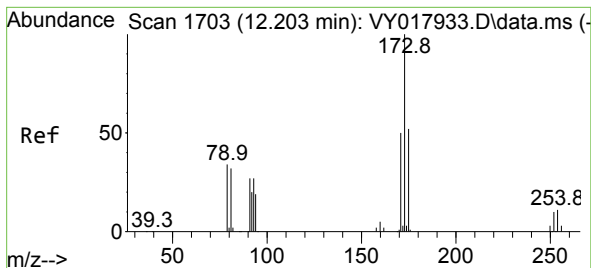
Tgt Ion:106 Resp: 112368
Ion Ratio Lower Upper
106 100
91 198.3 103.6 310.8



#70
Styrene
Concen: 18.864 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion:104 Resp: 190549
Ion Ratio Lower Upper
104 100
78 43.9 37.0 55.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 17.849 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018107.D

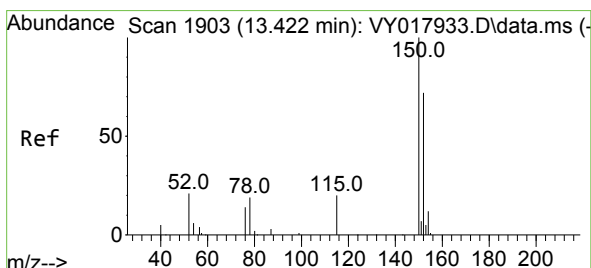
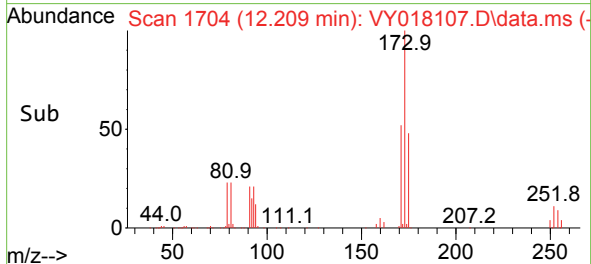
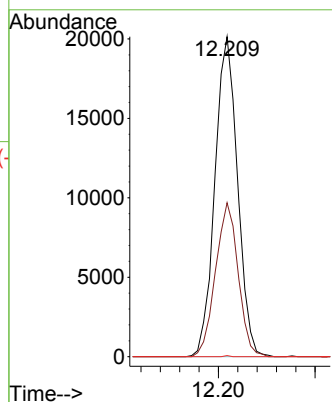
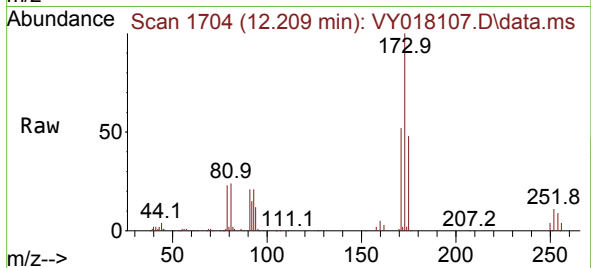
Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	32714
Ion Ratio	Lower	Upper
173	100	
175	48.1	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

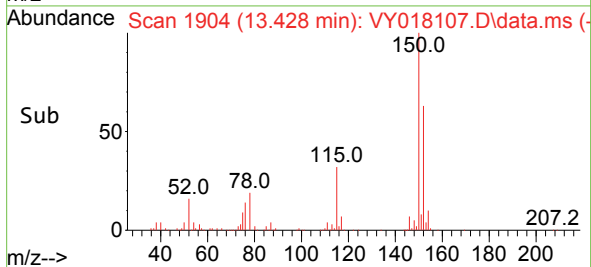
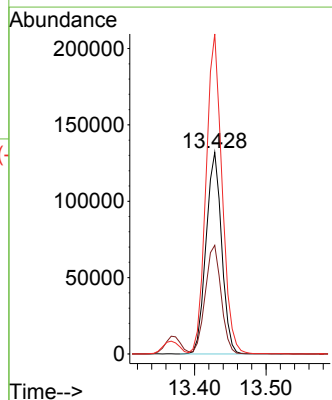
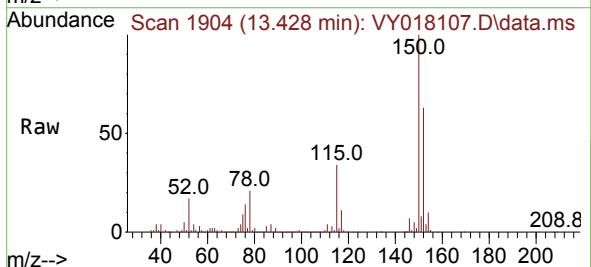
RT: 13.428 min Scan# 1904

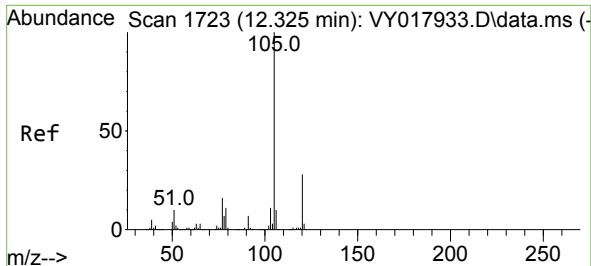
Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Tgt Ion:152	Resp:	200059
Ion Ratio	Lower	Upper
152	100	
115	54.8	28.2 84.7
150	162.8	0.0 345.6

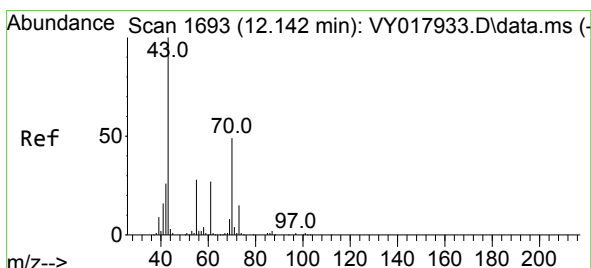
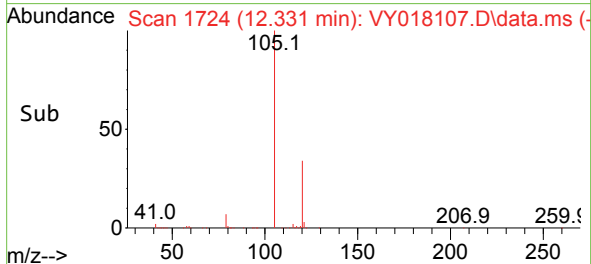
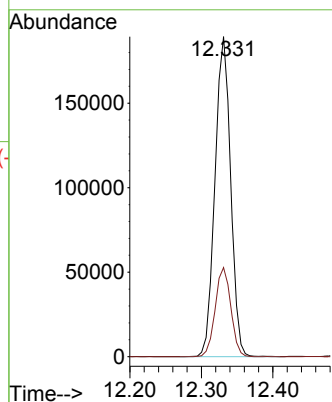
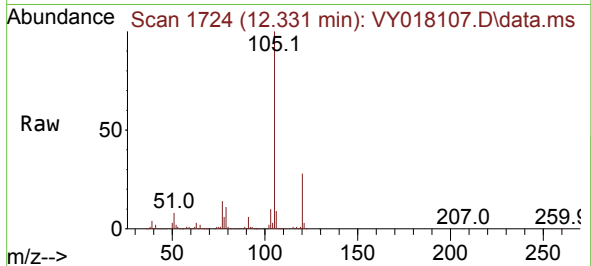




#73
Isopropylbenzene
Concen: 19.121 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

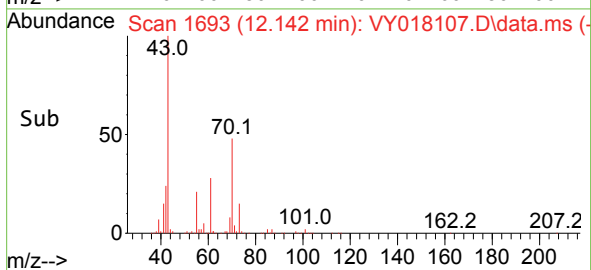
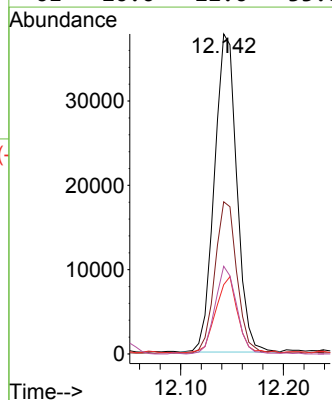
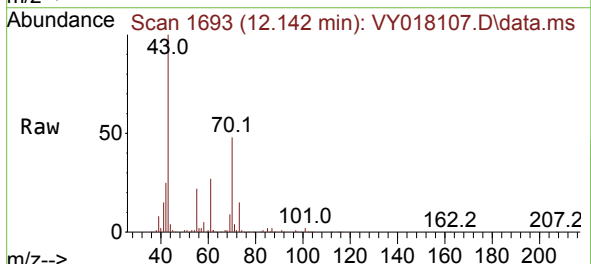
Instrument :
MSVOA_Y
ClientSampleId :

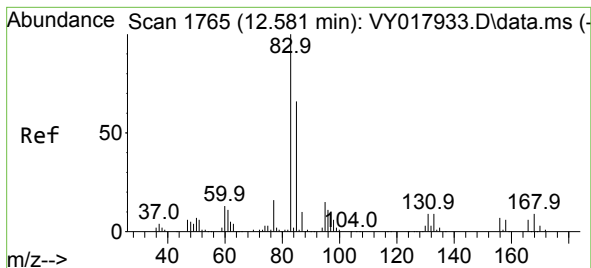
Tgt Ion:105 Resp: 287903
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 17.290 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 43 Resp: 57138
Ion Ratio Lower Upper
43 100
70 46.8 41.4 62.2
55 23.5 23.3 34.9
61 26.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.830 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

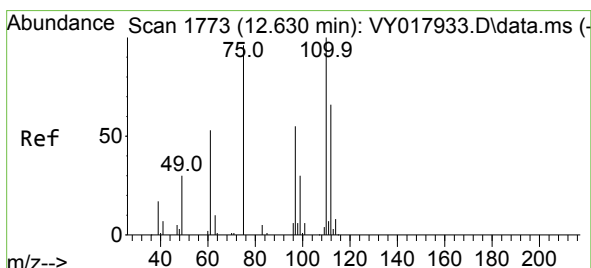
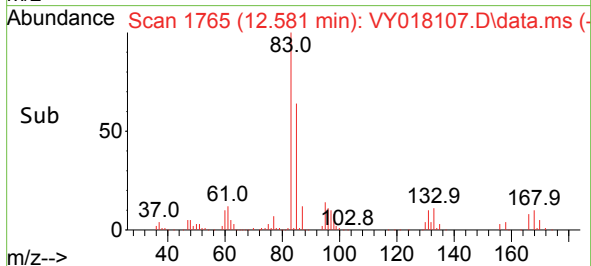
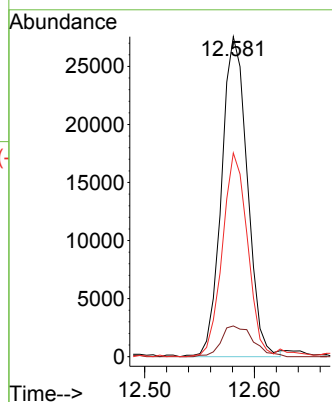
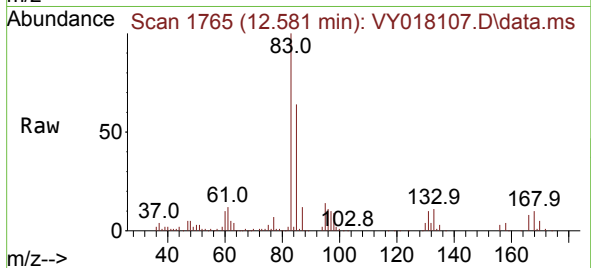
Tgt Ion: 83 Resp: 45114

Ion Ratio Lower Upper

83 100

131 11.8 5.0 14.9

85 61.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.893 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY018107.D

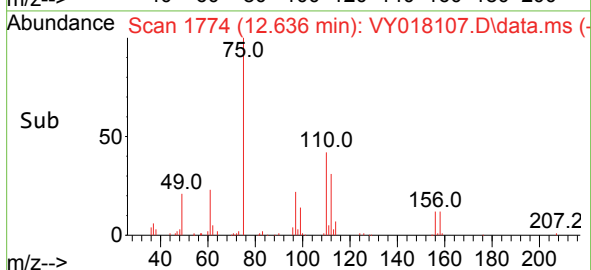
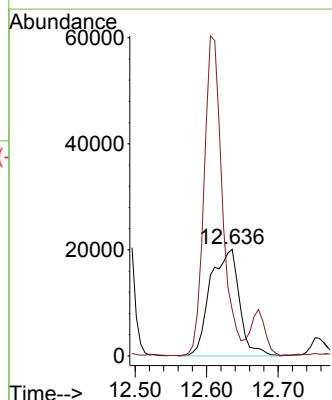
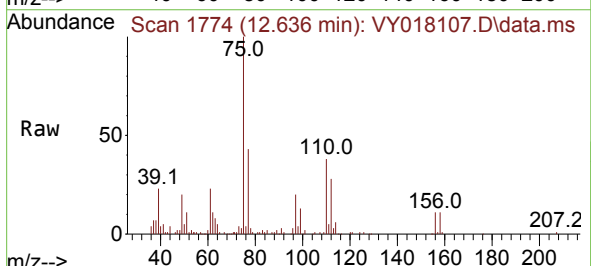
Acq: 02 May 2024 10:43

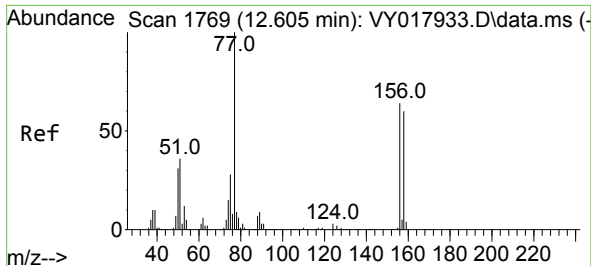
Tgt Ion: 75 Resp: 56906

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

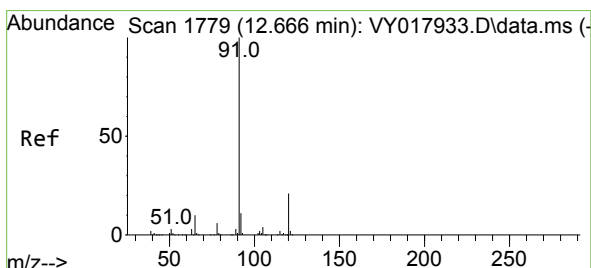
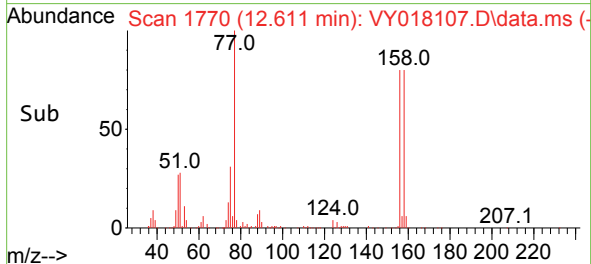
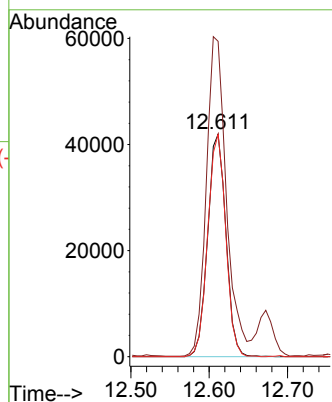
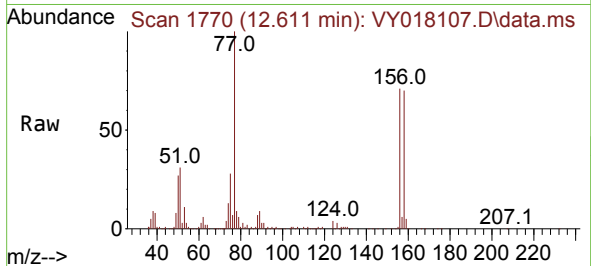




#77
Bromobenzene
Concen: 18.885 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

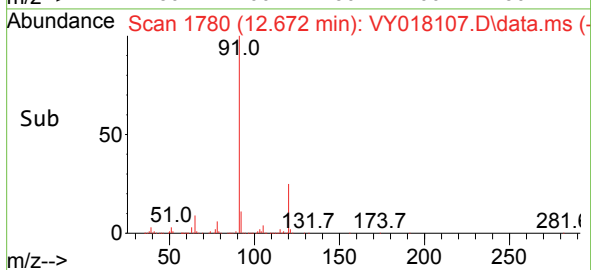
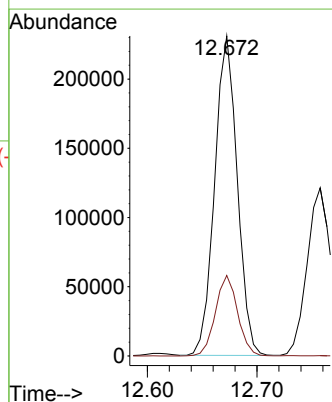
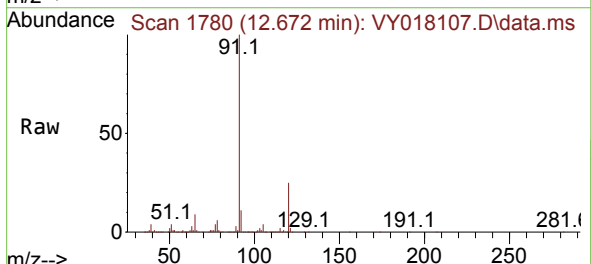
Instrument :
MSVOA_Y
ClientSampleId :

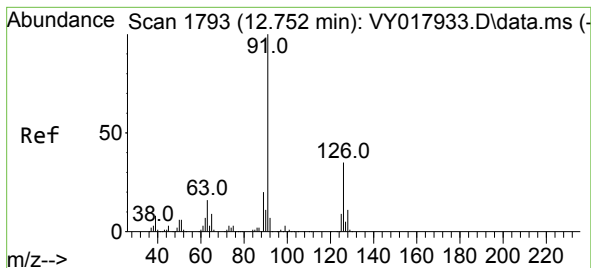
Tgt Ion:156 Resp: 67566
Ion Ratio Lower Upper
156 100
77 157.6 87.1 261.3
158 98.7 48.6 145.9



#78
n-propylbenzene
Concen: 19.066 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 91 Resp: 330579
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.803 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.001 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

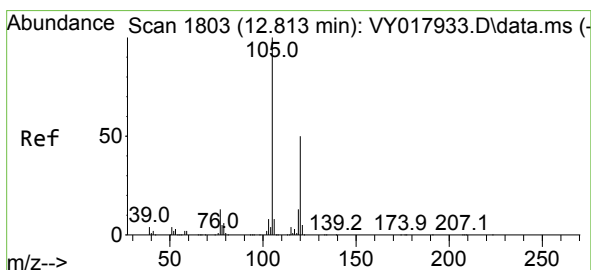
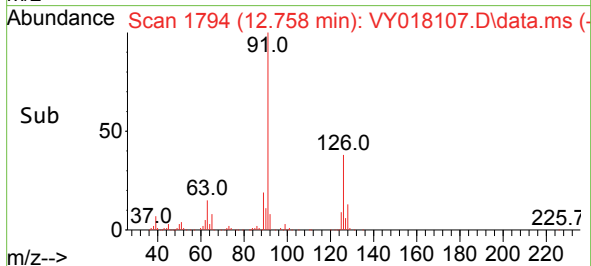
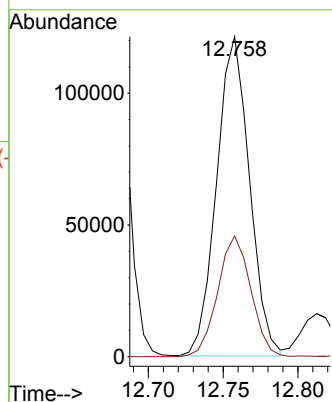
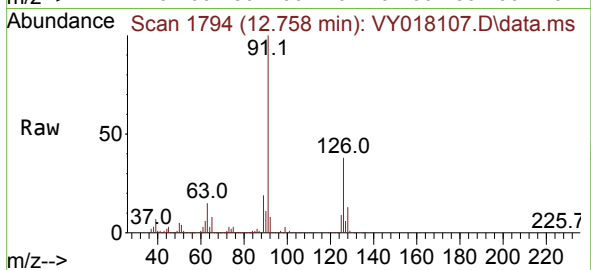
ClientSampleId :

Tgt Ion: 91 Resp: 185165

Ion Ratio Lower Upper

91 100

126 38.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.017 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY018107.D

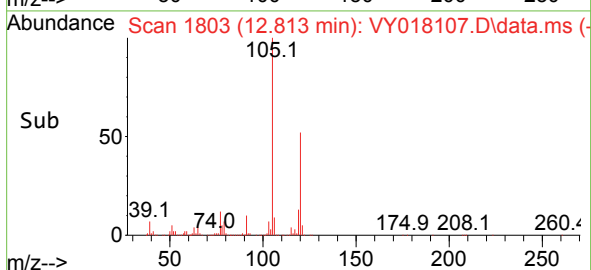
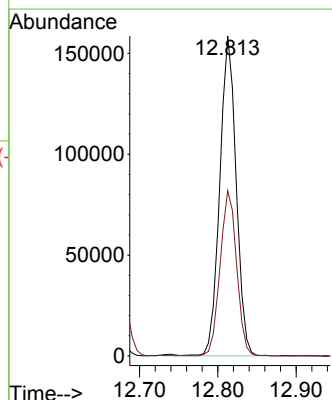
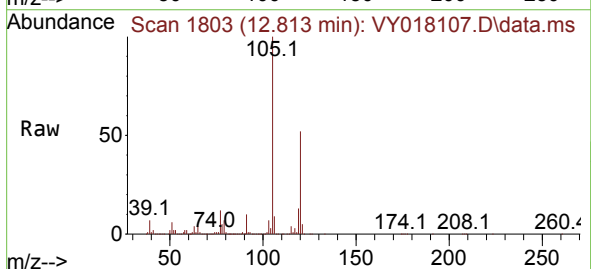
Acq: 02 May 2024 10:43

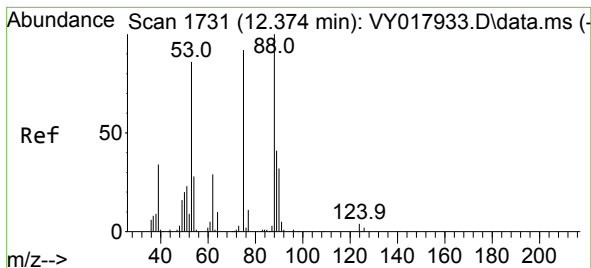
Tgt Ion: 105 Resp: 230778

Ion Ratio Lower Upper

105 100

120 52.1 25.1 75.2

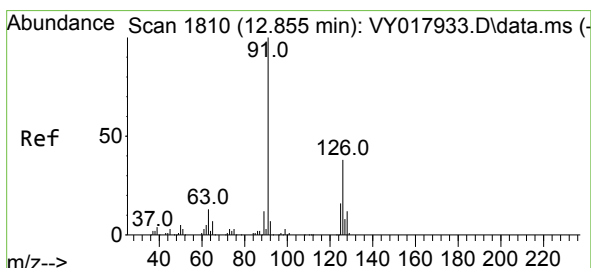
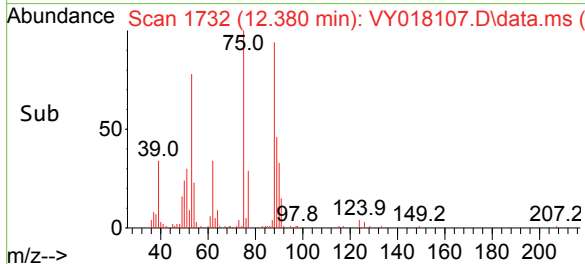
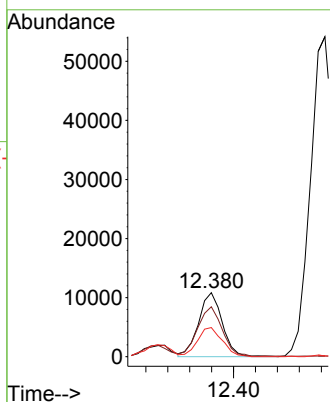
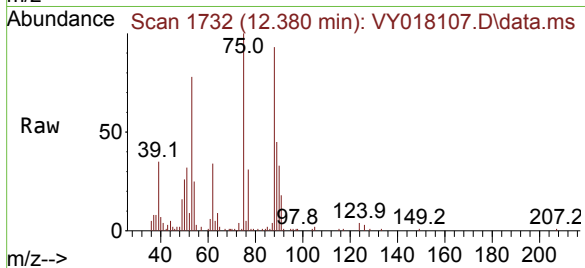




#81
trans-1,4-Dichloro-2-butene
Concen: 17.626 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

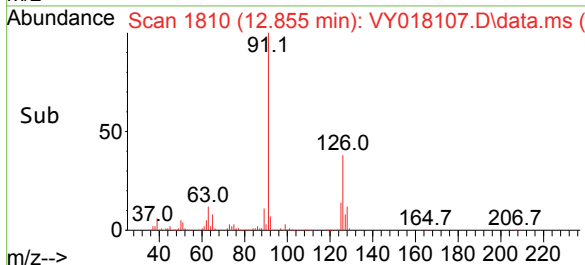
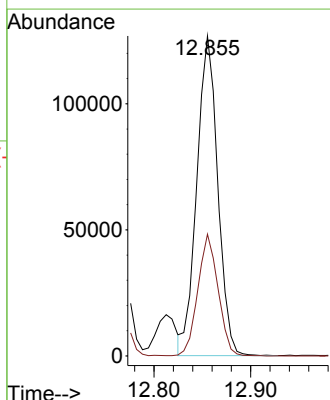
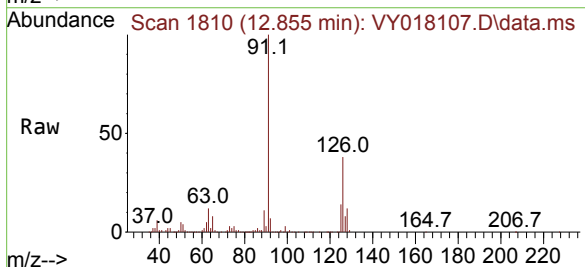
Instrument :
MSVOA_Y
ClientSampleId :

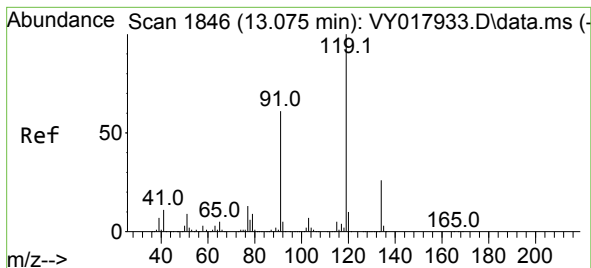
Tgt Ion: 75 Resp: 16245
Ion Ratio Lower Upper
75 100
53 80.2 66.8 100.2
89 47.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.919 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion: 91 Resp: 190907
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.015 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

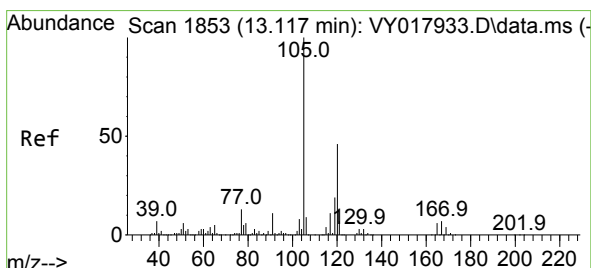
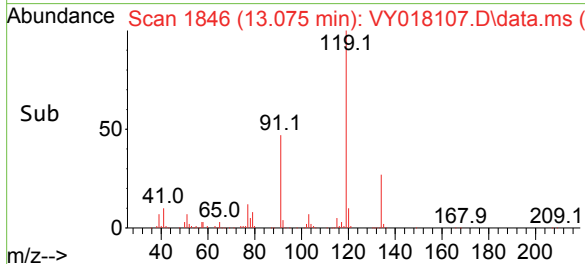
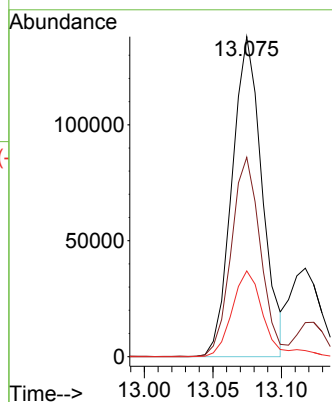
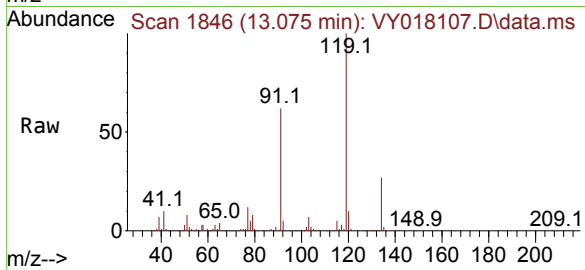
Tgt Ion:119 Resp: 211258

Ion Ratio Lower Upper

119 100

91 61.1 31.3 93.8

134 28.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.107 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018107.D

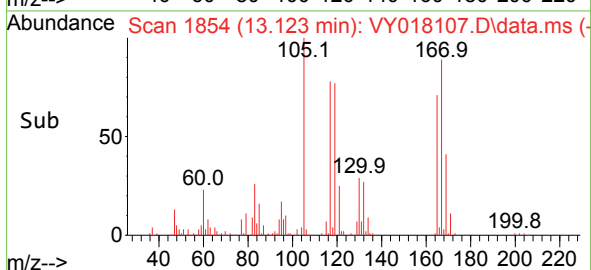
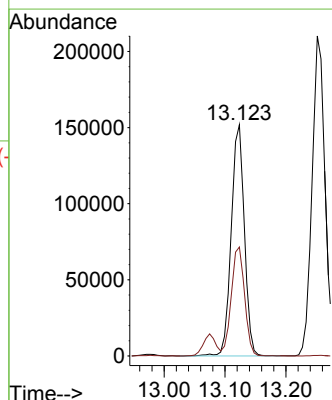
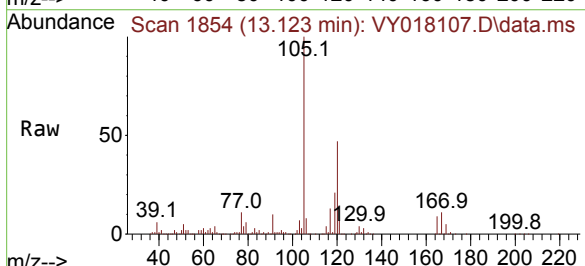
Acq: 02 May 2024 10:43

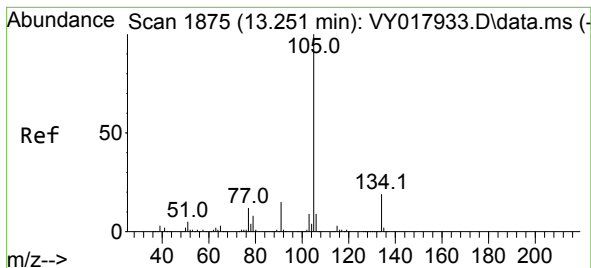
Tgt Ion:105 Resp: 227140

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.379 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

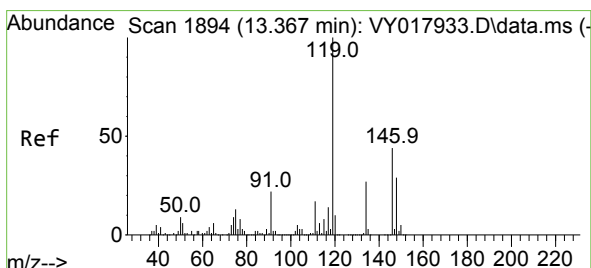
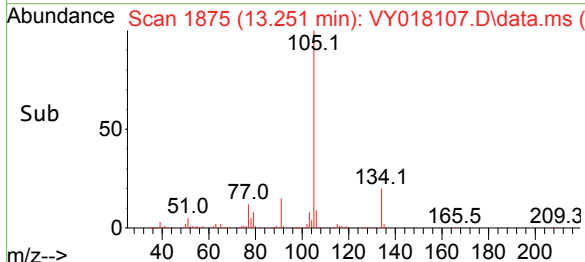
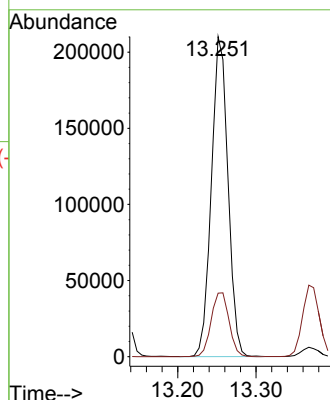
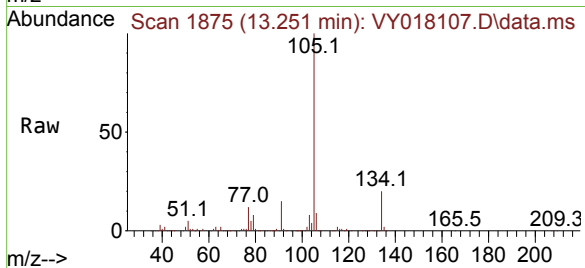
ClientSampleId :

Tgt Ion:105 Resp: 308970

Ion Ratio Lower Upper

105 100

134 21.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.166 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

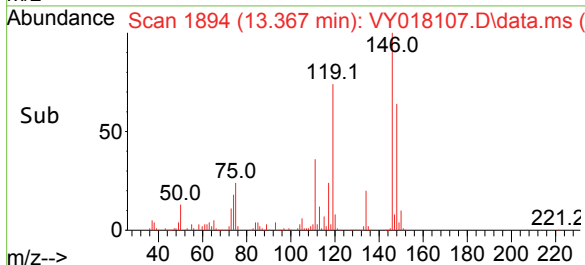
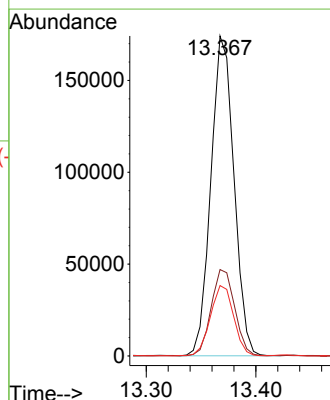
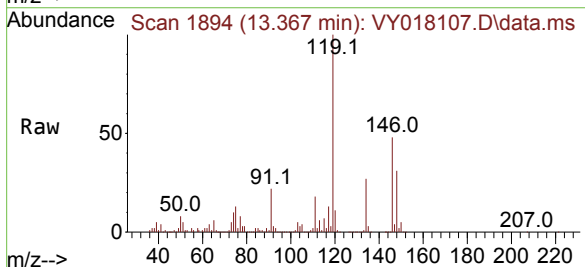
Tgt Ion:119 Resp: 254650

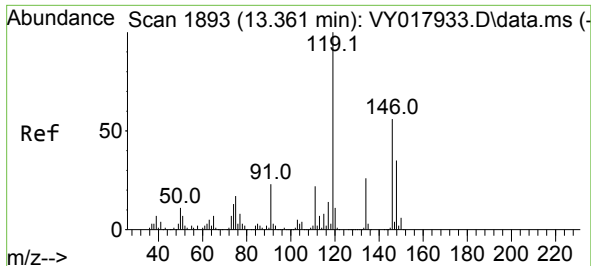
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 22.1 10.7 32.1

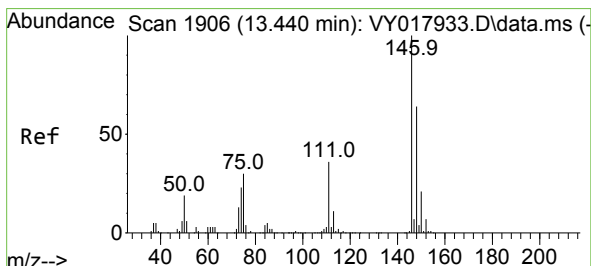
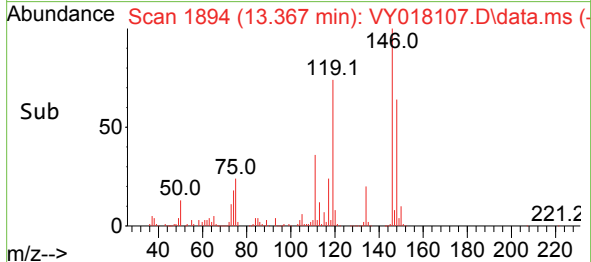
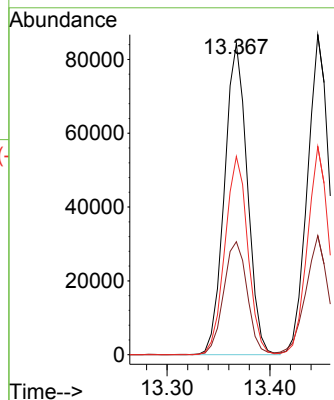
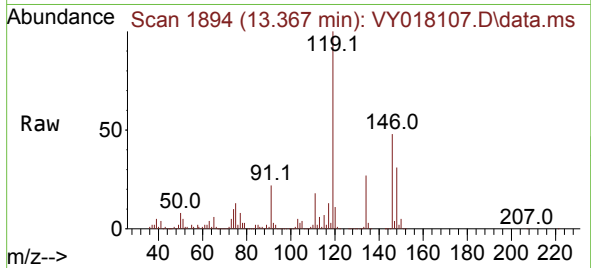




#87
1,3-Dichlorobenzene
Concen: 19.031 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

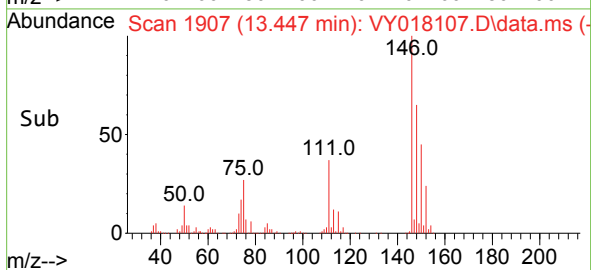
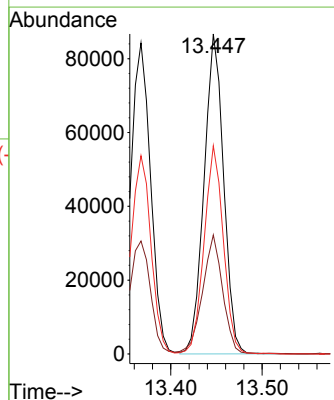
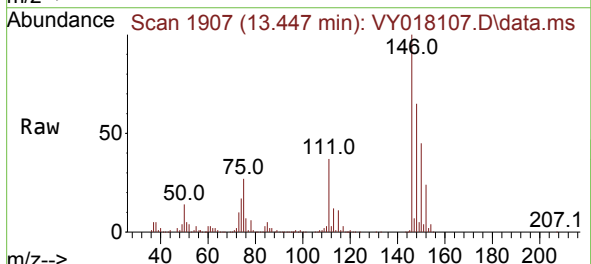
Instrument :
MSVOA_Y
ClientSampleId :

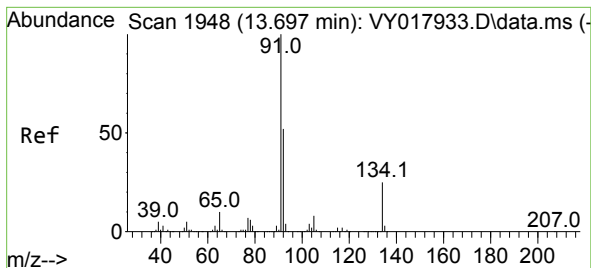
Tgt Ion:146 Resp: 130231
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 63.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.084 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018107.D
Acq: 02 May 2024 10:43

Tgt Ion:146 Resp: 128710
Ion Ratio Lower Upper
146 100
111 38.2 18.4 55.4
148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 19.357 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

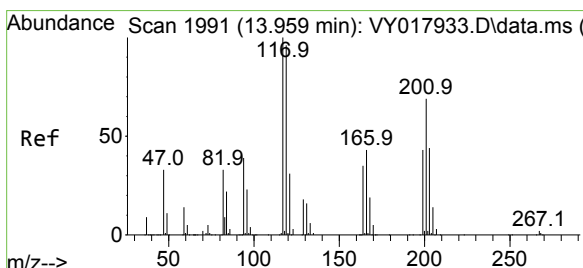
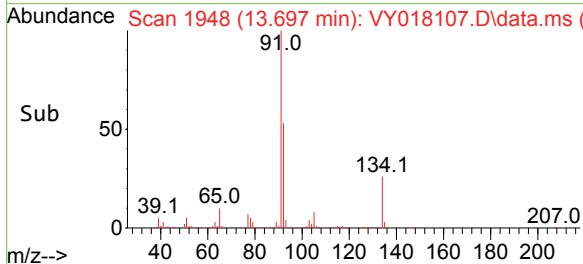
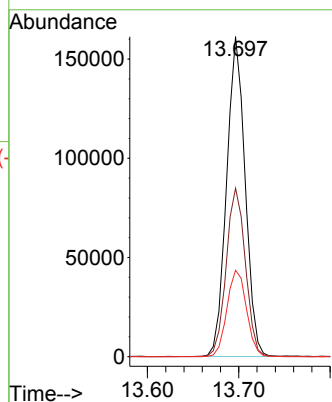
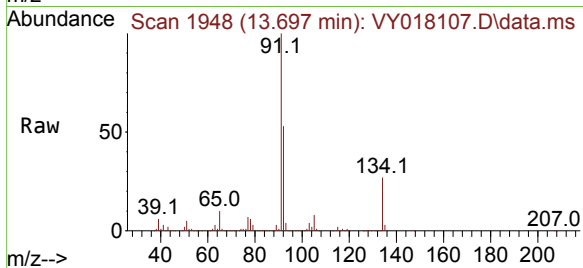
Tgt Ion: 91 Resp: 227600

Ion Ratio Lower Upper

91 100

92 54.5 26.6 79.7

134 28.4 12.9 38.7



#90

Hexachloroethane

Concen: 18.836 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018107.D

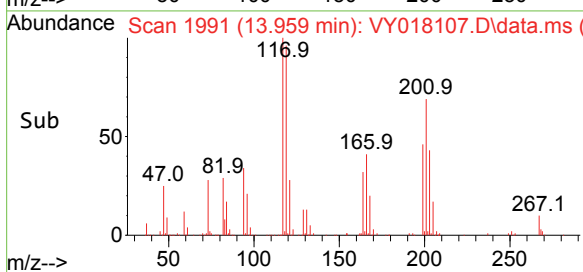
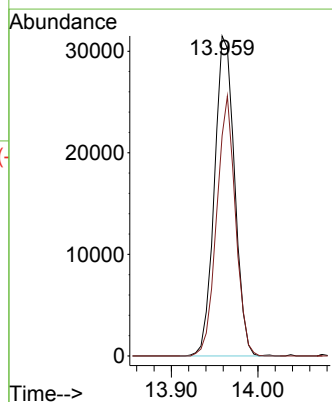
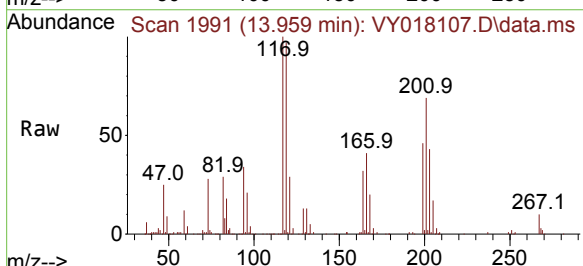
Acq: 02 May 2024 10:43

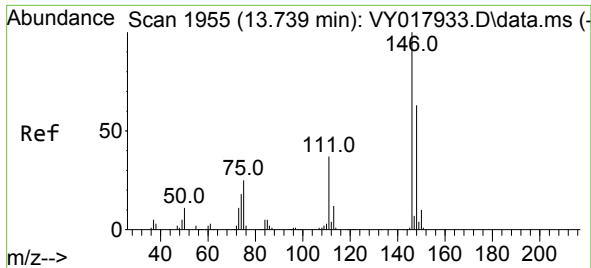
Tgt Ion: 117 Resp: 50847

Ion Ratio Lower Upper

117 100

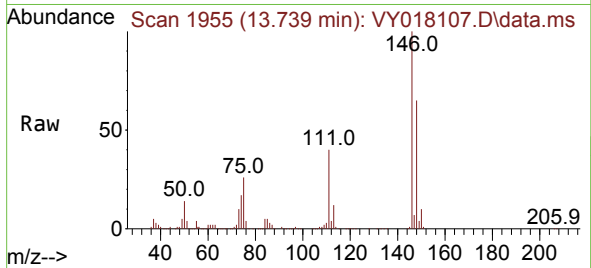
201 76.0 37.4 112.2



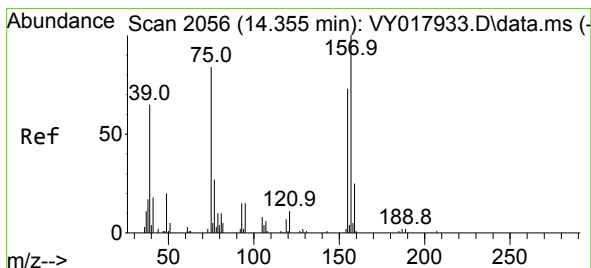
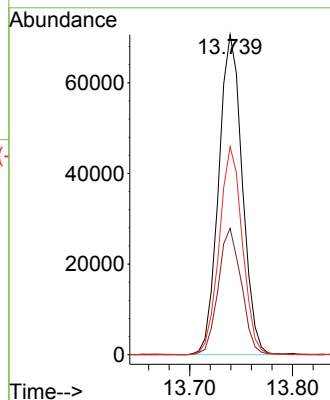
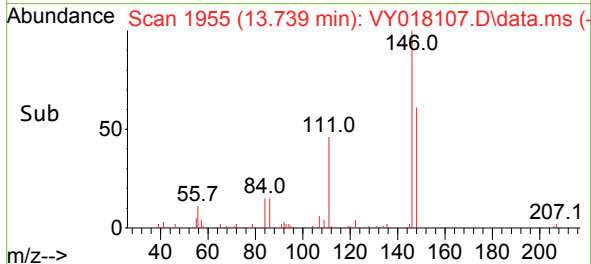


#91
 1,2-Dichlorobenzene
 Concen: 18.867 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43

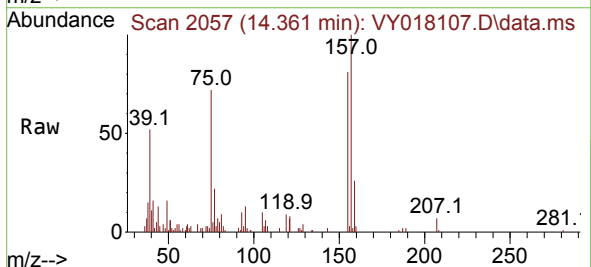
Instrument :
 MSVOA_Y
 ClientSampleId :



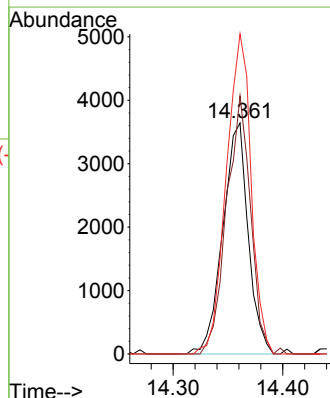
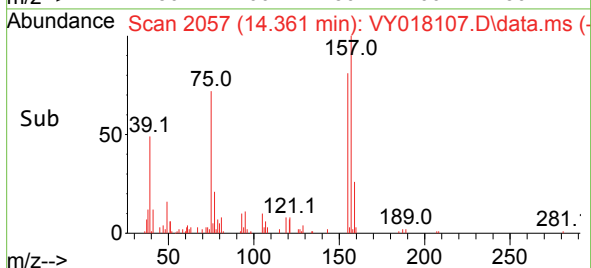
Tgt Ion:146 Resp: 112502
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 63.8 31.8 95.4

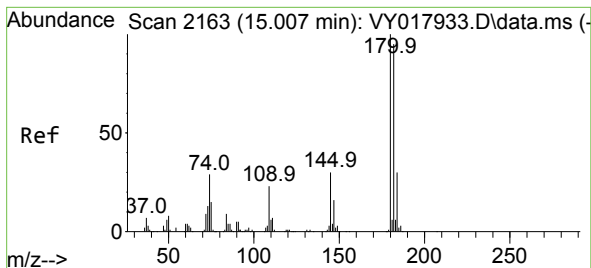


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.228 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY018107.D
 Acq: 02 May 2024 10:43



Tgt Ion: 75 Resp: 5865
 Ion Ratio Lower Upper
 75 100
 155 106.1 48.6 145.8
 157 135.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.619 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

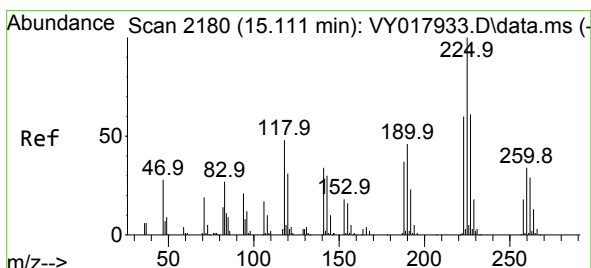
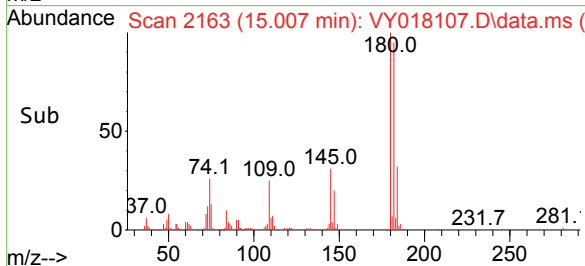
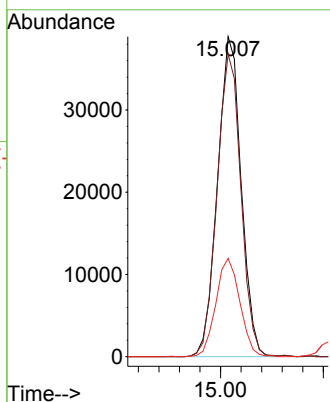
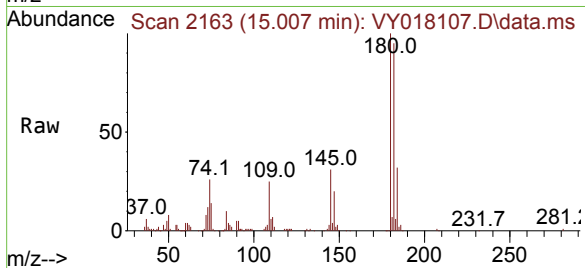
Tgt Ion:180 Resp: 62050

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.716 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

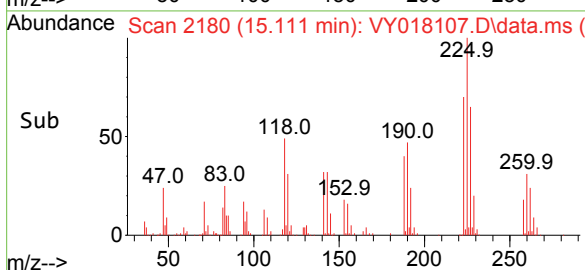
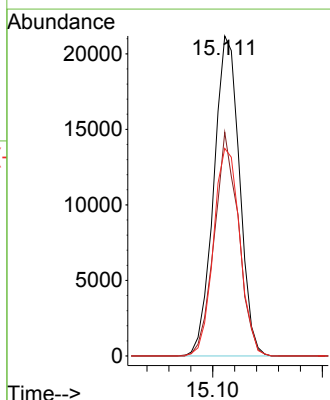
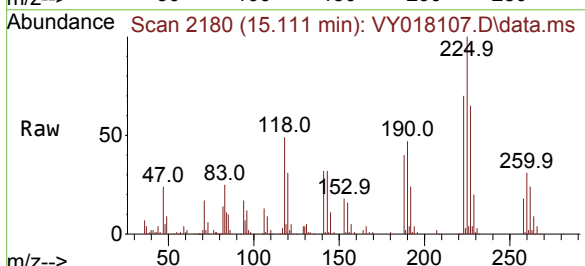
Tgt Ion:225 Resp: 34525

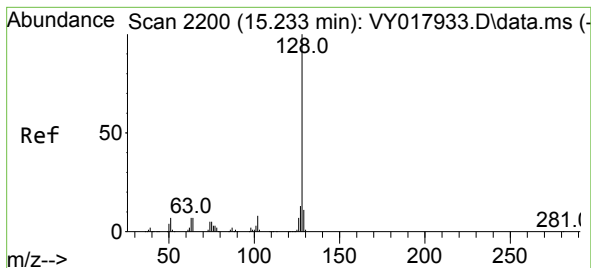
Ion Ratio Lower Upper

225 100

223 65.9 30.4 91.2

227 66.5 31.9 95.9





#95

Naphthalene

Concen: 17.916 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Instrument :

MSVOA_Y

ClientSampleId :

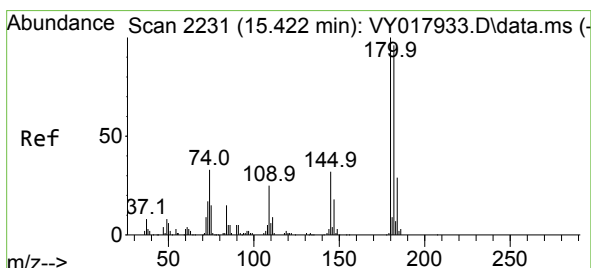
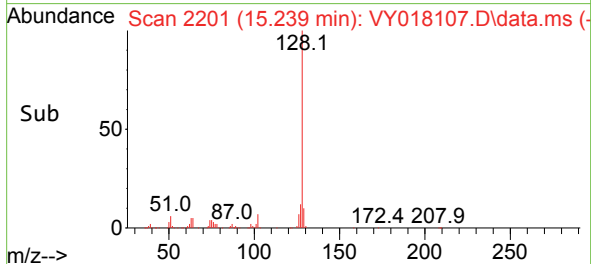
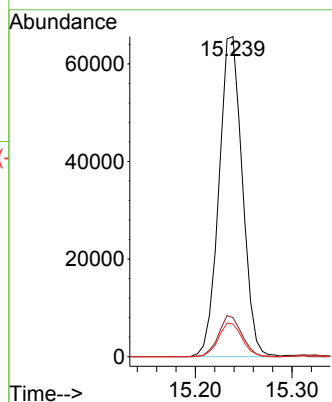
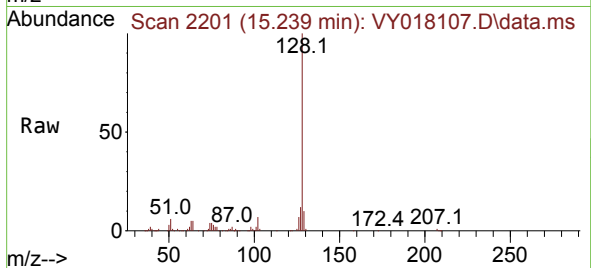
Tgt Ion:128 Resp: 109936

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.549 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018107.D

Acq: 02 May 2024 10:43

Tgt Ion:180 Resp: 51580

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 31.5 15.4 46.1

