

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018108.D
 Acq On : 02 May 2024 11:06
 Operator : SY/MD
 Sample : VY0502SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 22:59:58 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	281692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	401369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118228	53.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.710	113	136628	51.208	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.179	98	529174	50.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.483	95	175833	49.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	49935	22.207	ug/l	98
3) Chloromethane	2.107	50	67904	23.112	ug/l	98
4) Vinyl Chloride	2.247	62	72253	22.730	ug/l	98
5) Bromomethane	2.650	94	39626	20.196	ug/l	99
6) Chloroethane	2.790	64	46551	23.515	ug/l	98
7) Trichlorofluoromethane	3.119	101	90274	21.332	ug/l	94
8) Diethyl Ether	3.521	74	31528	23.203	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	55946	21.184	ug/l	93
10) Methyl Iodide	4.088	142	78301	22.369	ug/l	98
11) Tert butyl alcohol	4.954	59	23373	129.156	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	59857	22.226	ug/l	91
13) Acrolein	3.723	56	27740	102.989	ug/l	98
14) Allyl chloride	4.472	41	77018	21.630	ug/l	99
15) Acrylonitrile	5.149	53	60308	118.159	ug/l	98
16) Acetone	3.942	43	44132	104.332	ug/l	90
17) Carbon Disulfide	4.186	76	174977	21.759	ug/l	99
18) Methyl Acetate	4.466	43	24165	22.306	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	145491	23.543	ug/l	99
20) Methylene Chloride	4.704	84	69695	23.513	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	64859	22.655	ug/l	91
22) Diisopropyl ether	6.112	45	163399	22.282	ug/l	96
23) Vinyl Acetate	6.051	43	530892	114.142	ug/l	100
24) 1,1-Dichloroethane	6.009	63	95815	21.638	ug/l	98
25) 2-Butanone	6.978	43	76971	116.966	ug/l	95
26) 2,2-Dichloropropane	6.972	77	92200	22.264	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	76771	22.486	ug/l	96
28) Bromochloromethane	7.326	49	39046	21.819	ug/l	88
29) Tetrahydrofuran	7.344	42	50022	119.570	ug/l	98
30) Chloroform	7.496	83	105024	22.413	ug/l	98
31) Cyclohexane	7.783	56	89809	21.109	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	92158	21.548	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75675	21.248	ug/l	97
37) Ethyl Acetate	7.070	43	35844	23.127	ug/l #	94
38) Carbon Tetrachloride	7.899	117	83749	20.717	ug/l	99
39) Methylcyclohexane	9.179	83	108071	20.659	ug/l	94
40) Benzene	8.155	78	249881	21.834	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20467	22.393	ug/l	95
42) 1,2-Dichloroethane	8.234	62	58123	21.922	ug/l	97
43) Isopropyl Acetate	8.264	43	72438	22.246	ug/l	96
44) Trichloroethene	8.935	130	68879	21.223	ug/l	96
45) 1,2-Dichloropropane	9.209	63	54202	21.707	ug/l	95
46) Dibromomethane	9.301	93	34031	22.416	ug/l	96
47) Bromodichloromethane	9.496	83	80875	21.700	ug/l	97
48) Methyl methacrylate	9.289	41	33897	22.741	ug/l	92
49) 1,4-Dioxane	9.313	88	7957	472.422	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	180451	113.467	ug/l	97
52) Toluene	10.240	92	160635	21.208	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	77925	21.639	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	92577	21.883	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	45829	22.445	ug/l	95
56) Ethyl methacrylate	10.508	69	63348	21.943	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	74271	22.768	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	146065	108.386	ug/l	92
59) 2-Hexanone	10.831	43	127968	112.741	ug/l	95
60) Dibromochloromethane	10.983	129	61602	22.212	ug/l	97
61) 1,2-Dibromoethane	11.087	107	43631	22.299	ug/l	98
64) Tetrachloroethene	10.715	164	59509	20.482	ug/l	99
65) Chlorobenzene	11.514	112	180969	21.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60364	21.182	ug/l	99
67) Ethyl Benzene	11.593	91	300356	21.142	ug/l	94
68) m/p-Xylenes	11.703	106	239173	42.015	ug/l	96
69) o-Xylene	12.026	106	115379	21.098	ug/l	95
70) Styrene	12.044	104	198162	21.530	ug/l	98
71) Bromoform	12.209	173	35348	21.167	ug/l #	98
73) Isopropylbenzene	12.331	105	290498	20.678	ug/l	97
74) N-amyl acetate	12.142	43	67775	21.980	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	49793	22.274	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	63248	40.373	ug/l #	100
77) Bromobenzene	12.611	156	71229	21.338	ug/l	93
78) n-propylbenzene	12.672	91	339204	20.967	ug/l	96
79) 2-Chlorotoluene	12.758	91	189551	20.630	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	235156	20.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18911	21.992	ug/l	95
82) 4-Chlorotoluene	12.855	91	195793	20.796	ug/l	96
83) tert-Butylbenzene	13.075	119	215030	20.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	234796	21.168	ug/l	99
85) sec-Butylbenzene	13.251	105	309653	20.816	ug/l	97
86) p-Isopropyltoluene	13.367	119	259492	20.932	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	135793	21.268	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	135651	21.556	ug/l	99
89) n-Butylbenzene	13.696	91	231937	21.141	ug/l	97
90) Hexachloroethane	13.959	117	51209	20.332	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	119564	21.491	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6953	20.619	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	65926	21.202	ug/l	97
94) Hexachlorobutadiene	15.111	225	35503	20.627	ug/l	95
95) Naphthalene	15.233	128	126801	22.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57901	22.316	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

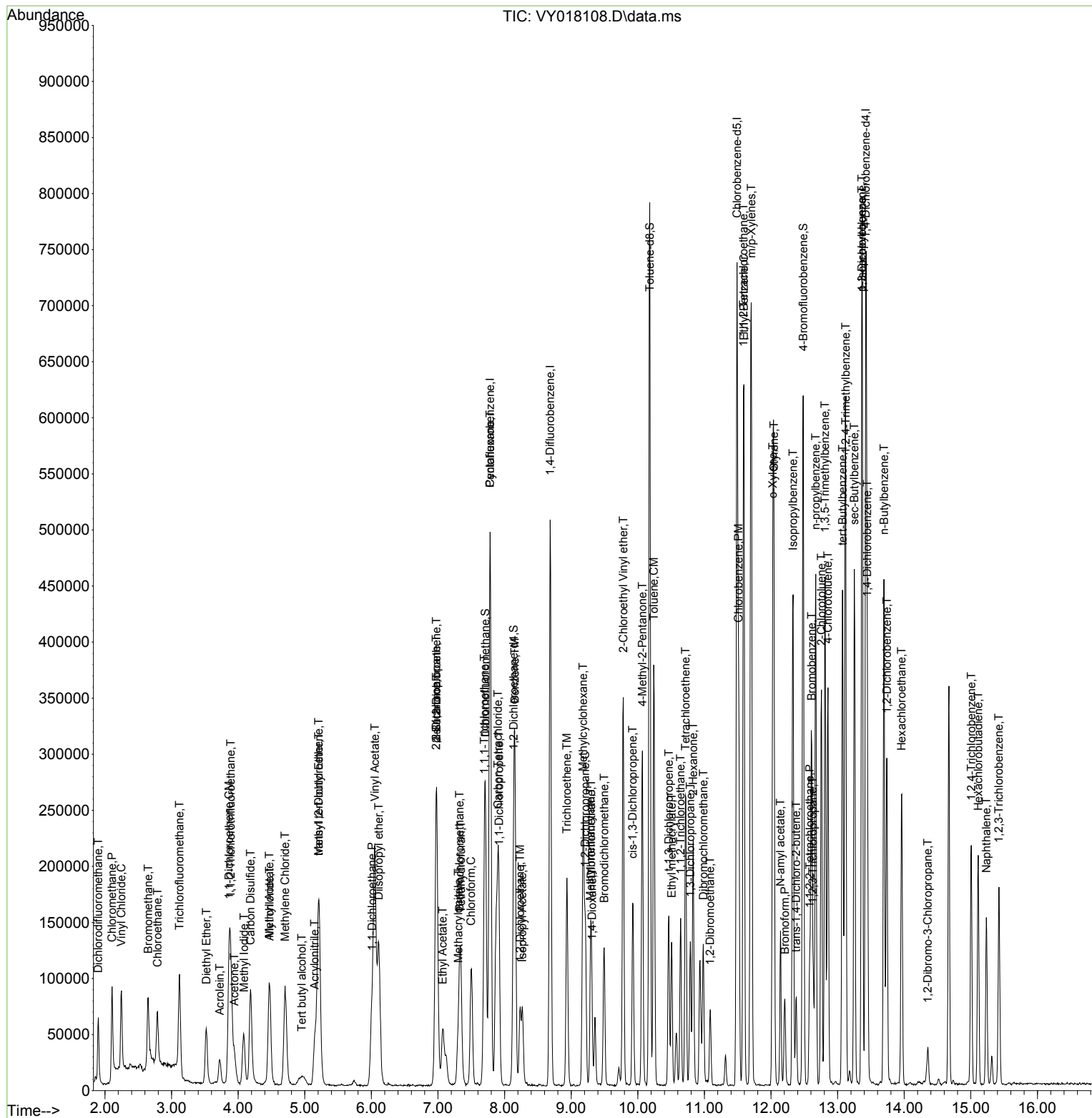
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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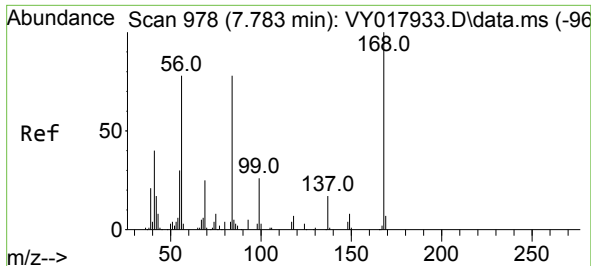
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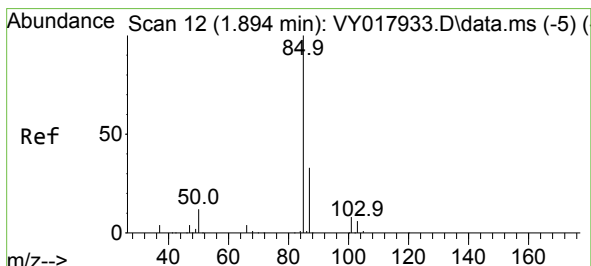
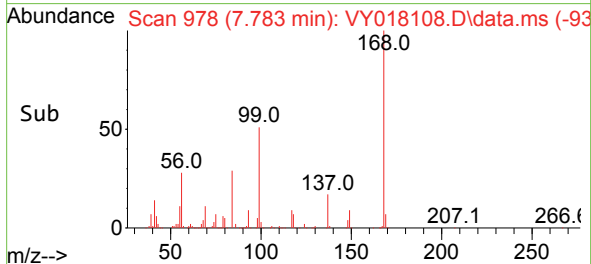
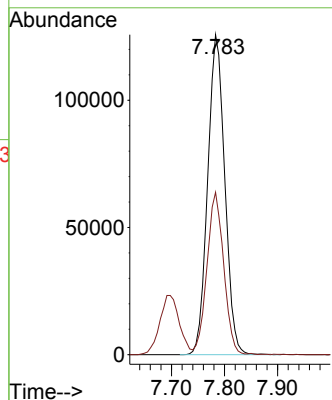
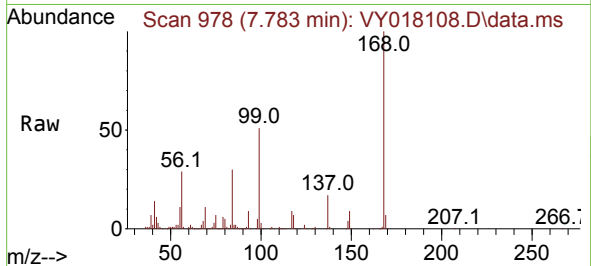




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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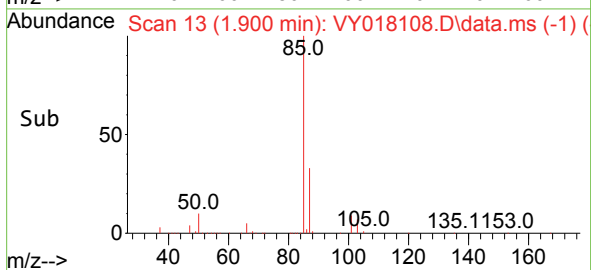
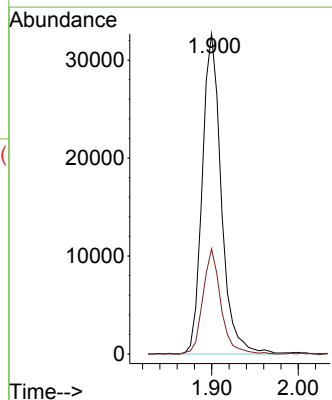
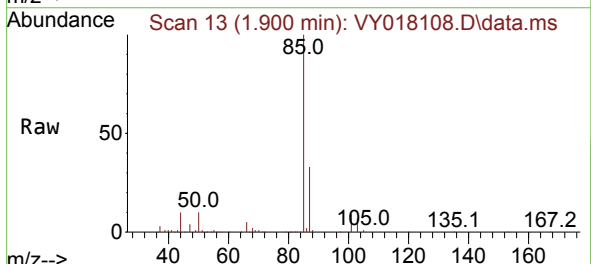
Instrument :
MSVOA_Y
ClientSampleId :

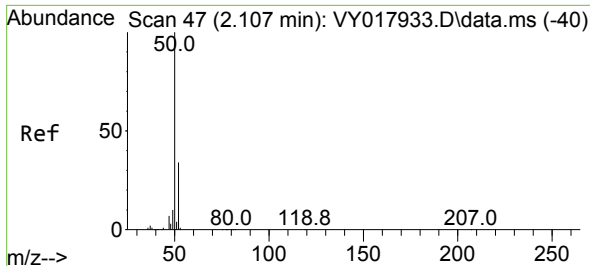
Tgt Ion:168 Resp: 281692
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.207 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 85 Resp: 49935
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

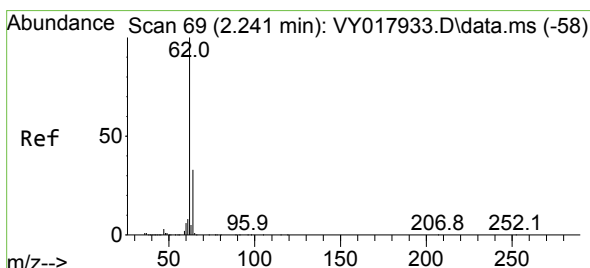
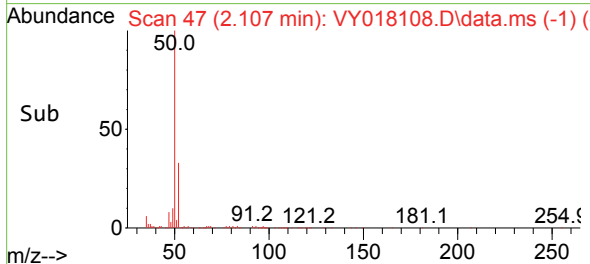
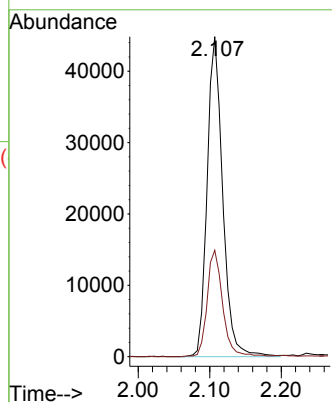
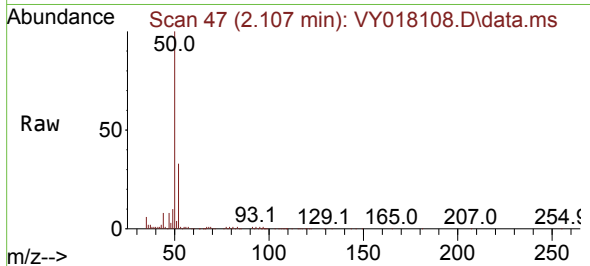




#3
Chloromethane
Concen: 23.112 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

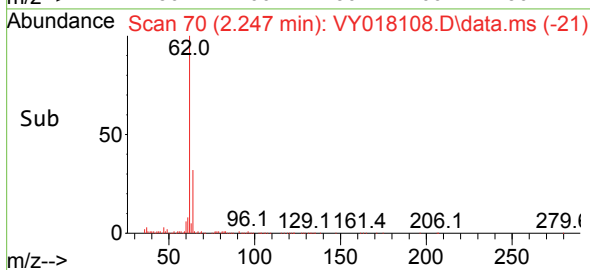
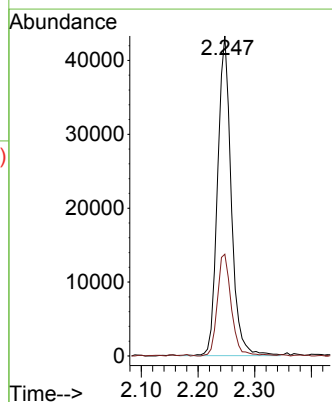
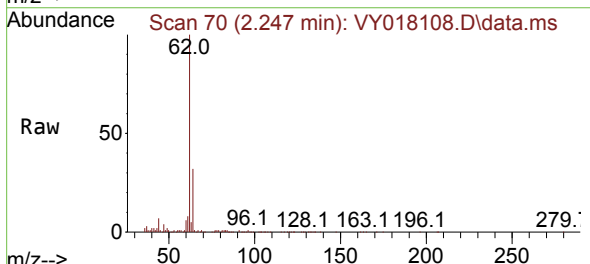
Instrument :
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ClientSampleId :

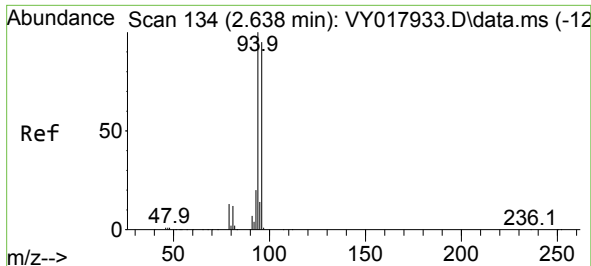
Tgt Ion: 50 Resp: 67904
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 22.730 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 62 Resp: 72253
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

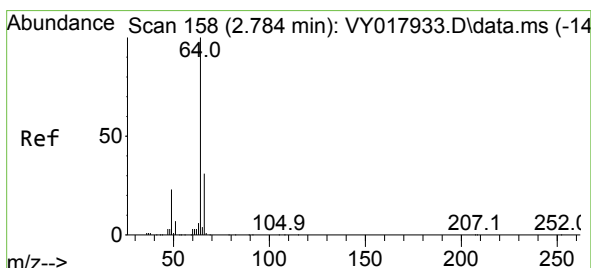
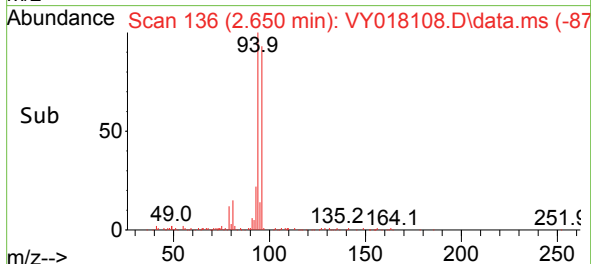
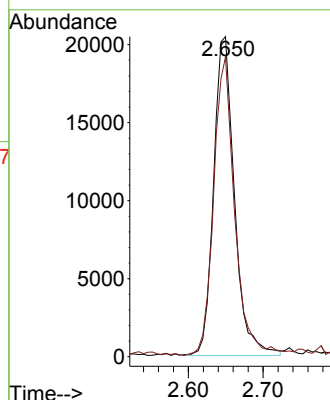
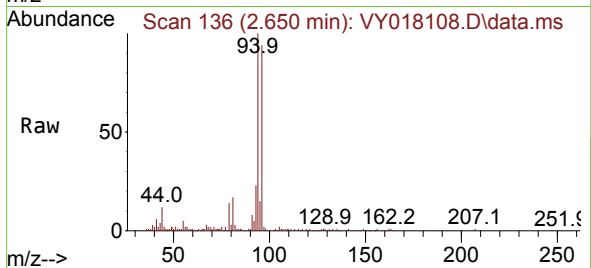




#5
Bromomethane
Concen: 20.196 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018108.D
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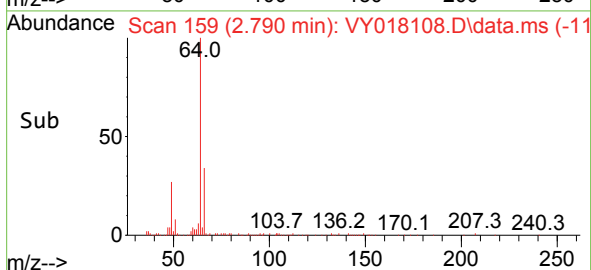
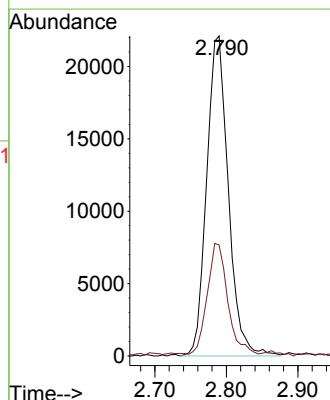
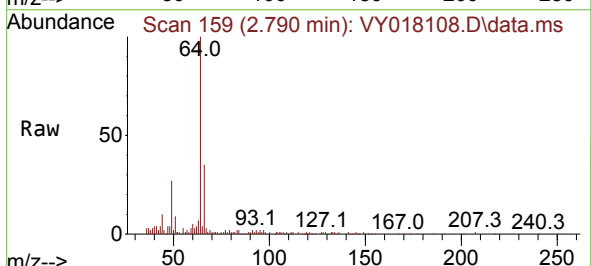
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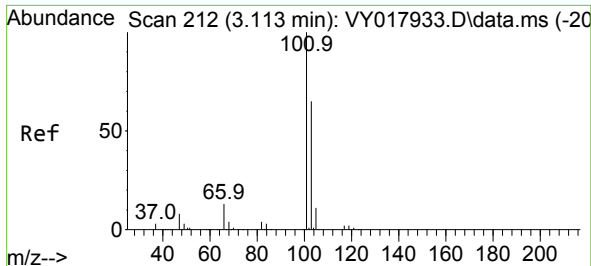
Tgt Ion: 94 Resp: 39626
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1



#6
Chloroethane
Concen: 23.515 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018108.D
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Tgt Ion: 64 Resp: 46551
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1

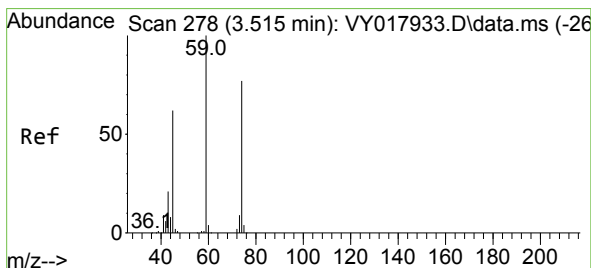
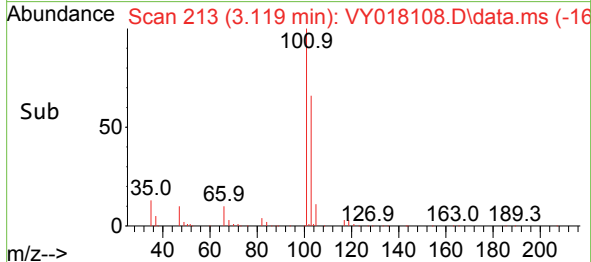
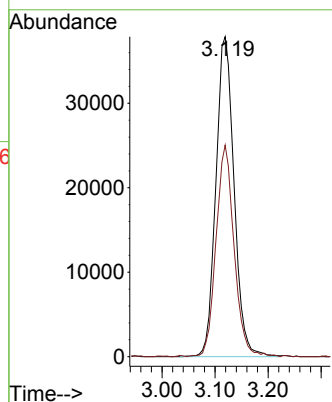
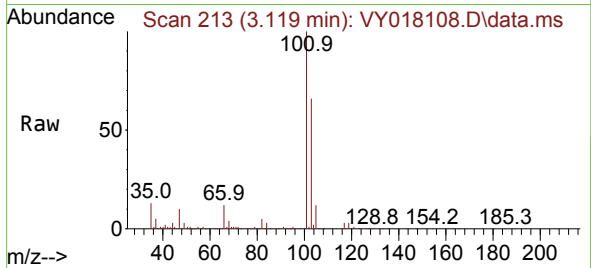




#7
 Trichlorofluoromethane
 Concen: 21.332 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018108.D
 Acq: 02 May 2024 11:06

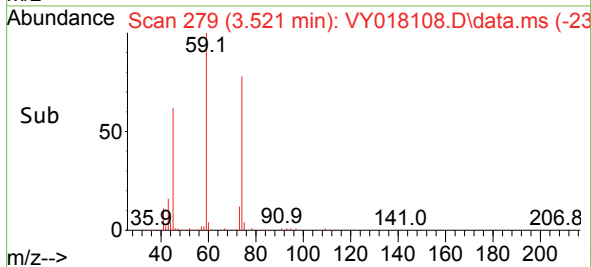
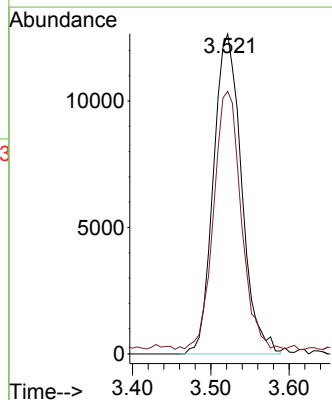
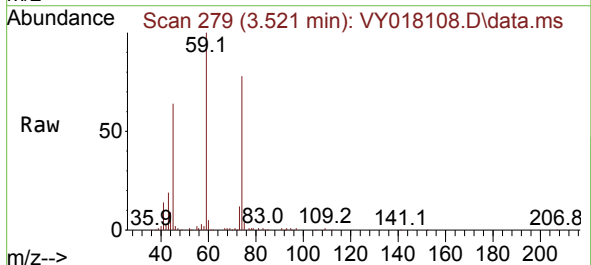
Instrument :
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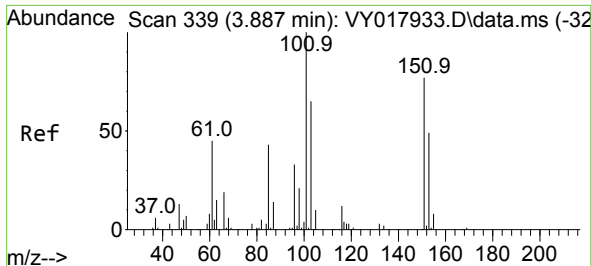
Tgt Ion:101 Resp: 90274
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 23.203 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 31528
 Ion Ratio Lower Upper
 74 100
 45 78.8 41.3 124.1

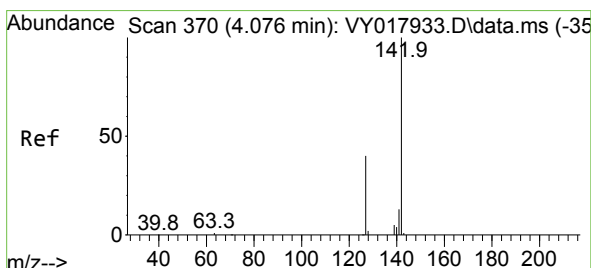
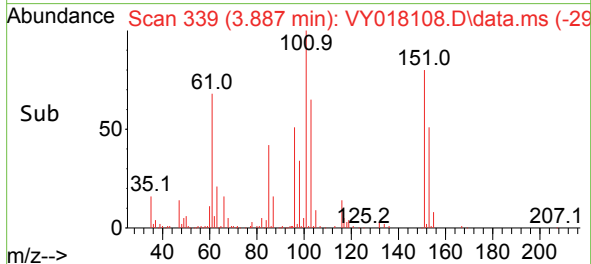
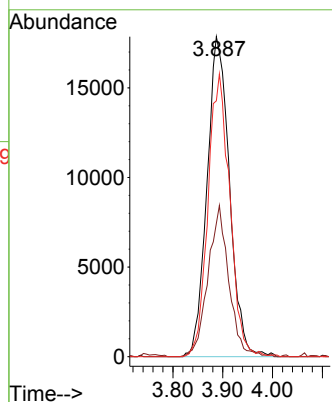
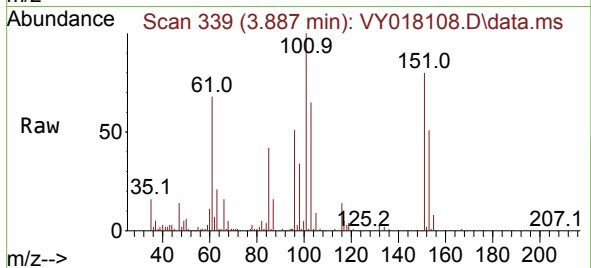




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.184 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

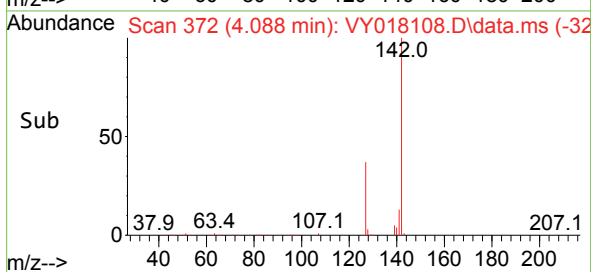
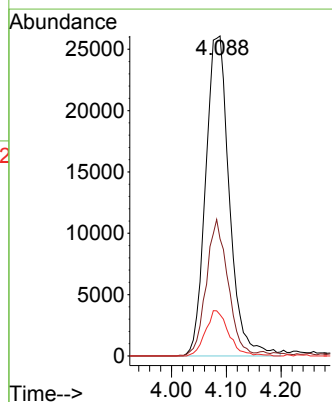
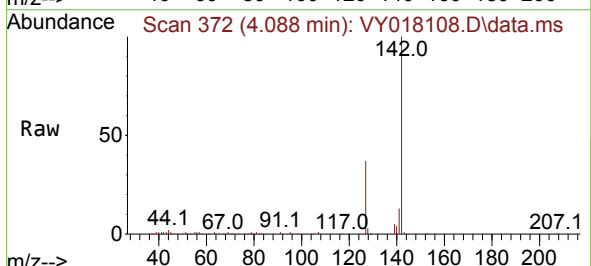
Instrument :
MSVOA_Y
ClientSampleId :

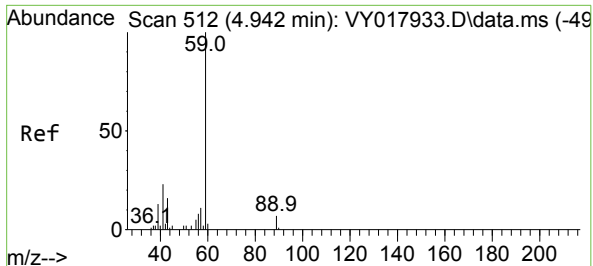
Tgt Ion:101 Resp: 55946
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 85.7 61.7 92.5



#10
Methyl Iodide
Concen: 22.369 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:142 Resp: 78301
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 129.156 ug/l

RT: 4.954 min Scan# 512

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

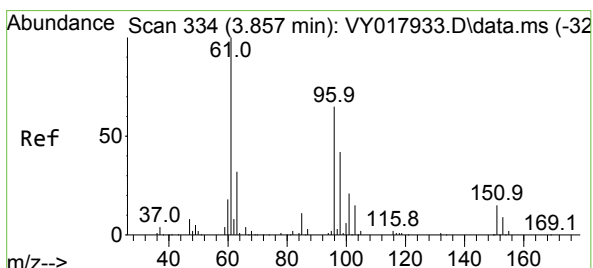
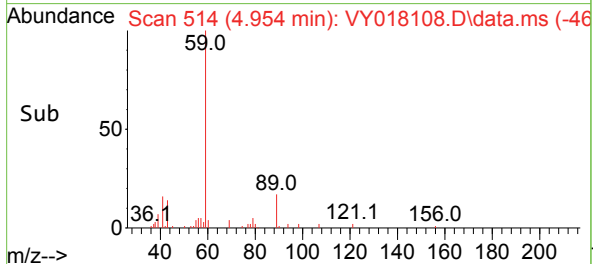
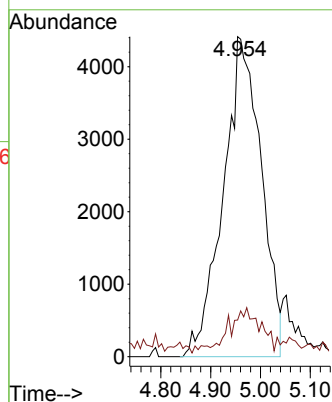
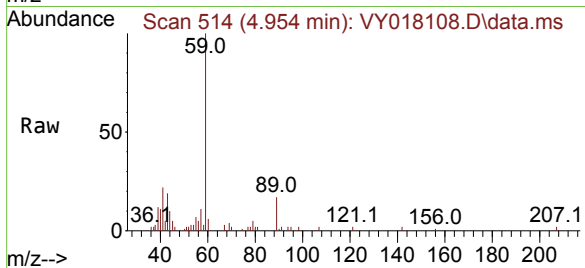
ClientSampleId :

Tgt Ion: 59 Resp: 23373

Ion Ratio Lower Upper

59 100

57 8.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 22.226 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

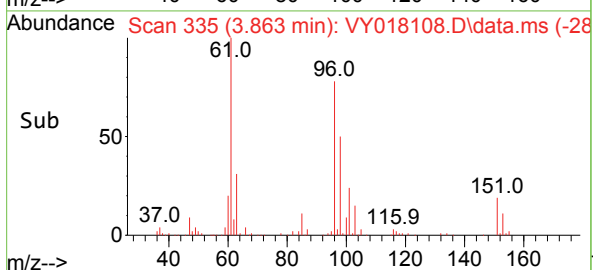
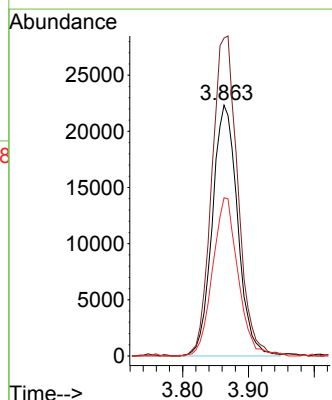
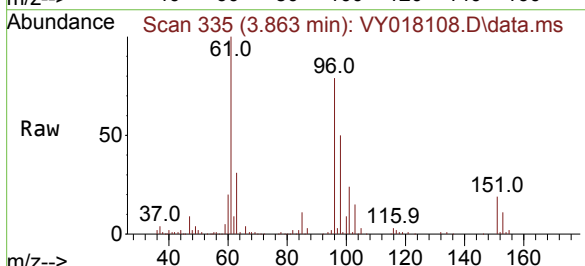
Tgt Ion: 96 Resp: 59857

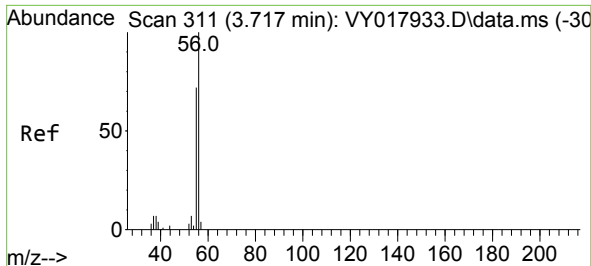
Ion Ratio Lower Upper

96 100

61 126.8 114.6 171.8

98 62.8 50.8 76.2





#13

Acrolein

Concen: 102.989 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

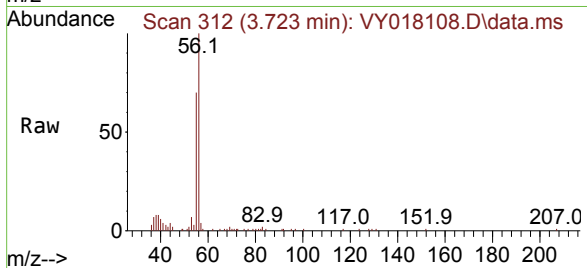
Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

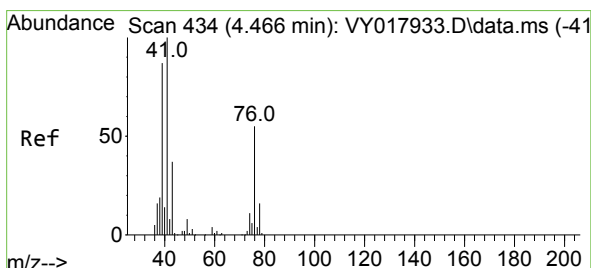
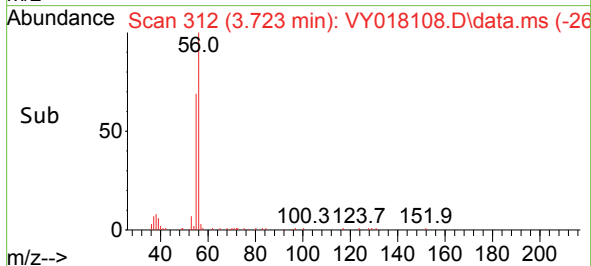
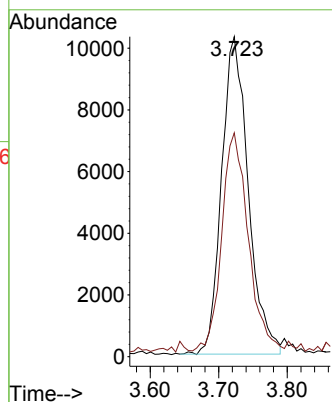


Tgt Ion: 56 Resp: 27740

Ion Ratio Lower Upper

56 100

55 68.1 55.7 83.5



#14

Allyl chloride

Concen: 21.630 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

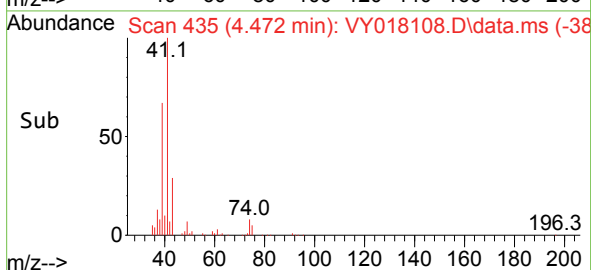
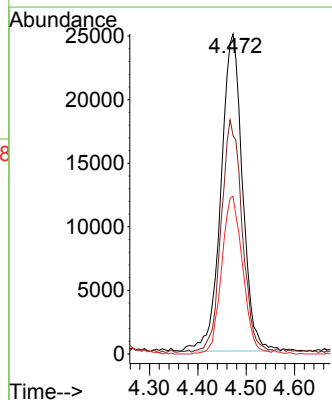
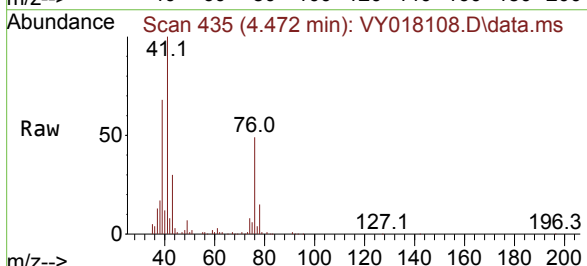
Tgt Ion: 41 Resp: 77018

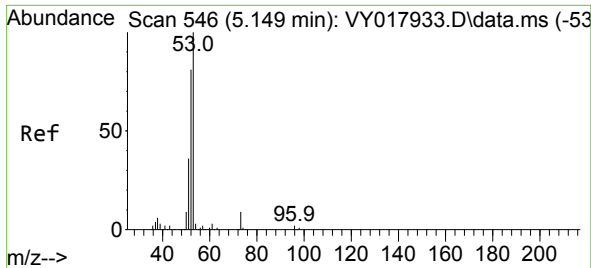
Ion Ratio Lower Upper

41 100

39 71.6 58.3 87.5

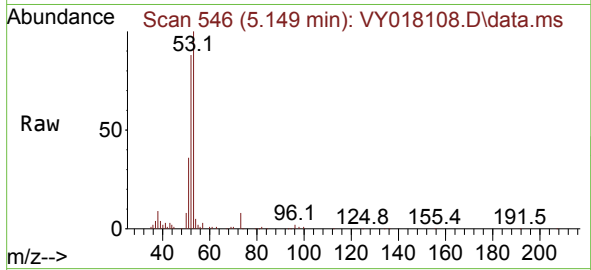
76 48.7 39.0 58.6



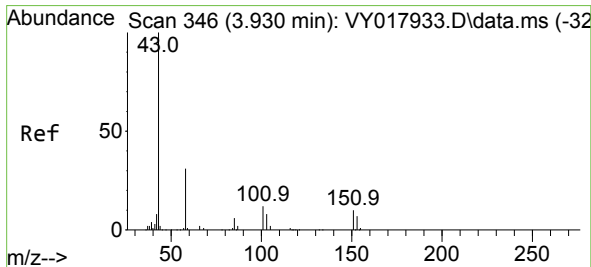
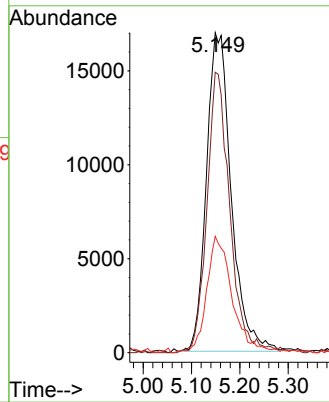
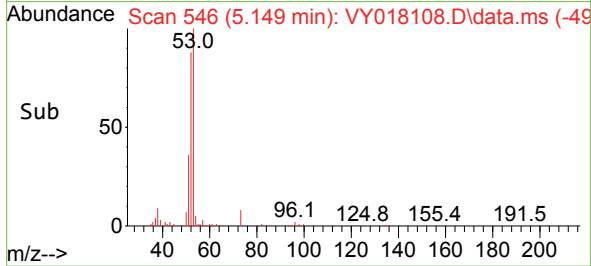


#15
Acrylonitrile
Concen: 118.159 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

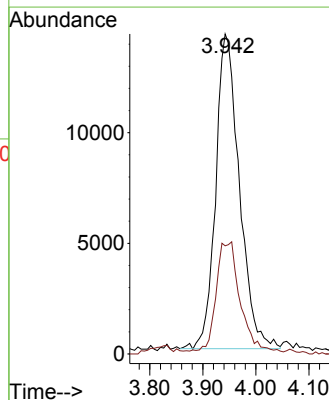
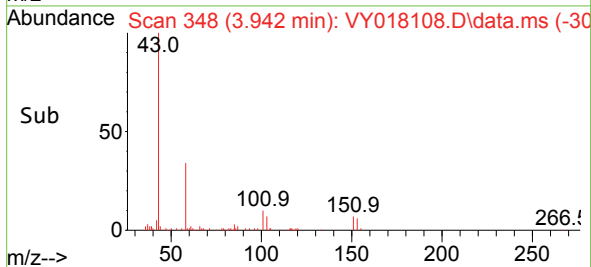
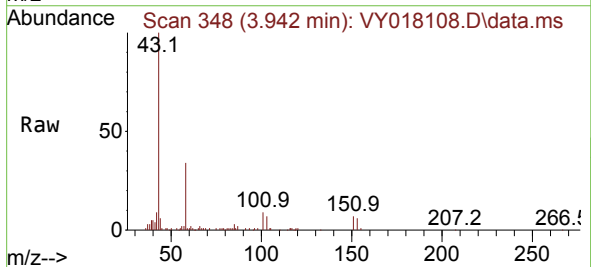


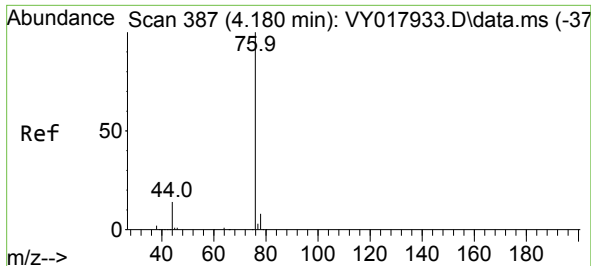
Tgt Ion: 53 Resp: 60308
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 104.332 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 43 Resp: 44132
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5

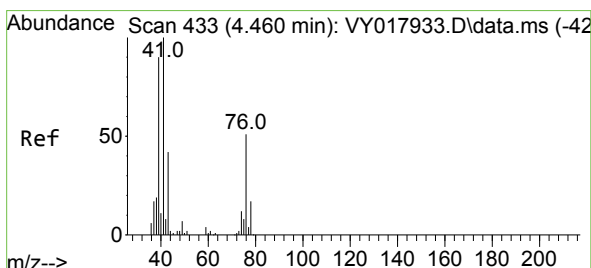
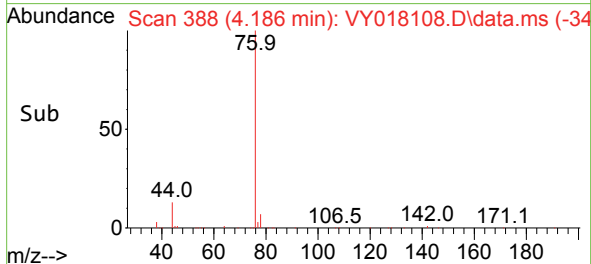
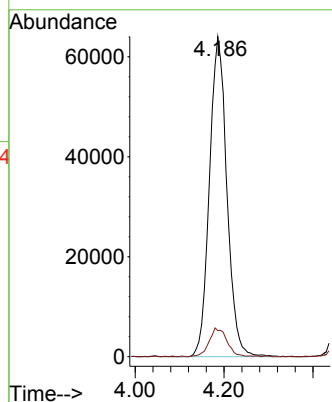
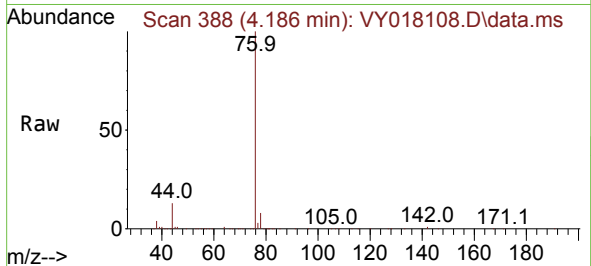




#17
Carbon Disulfide
Concen: 21.759 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

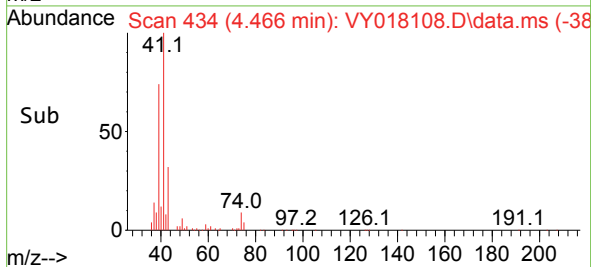
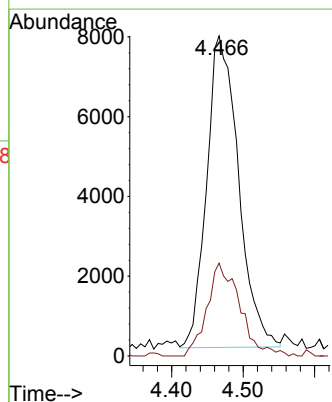
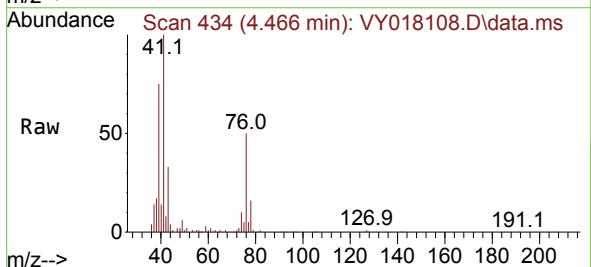
Instrument :
MSVOA_Y
ClientSampleId :

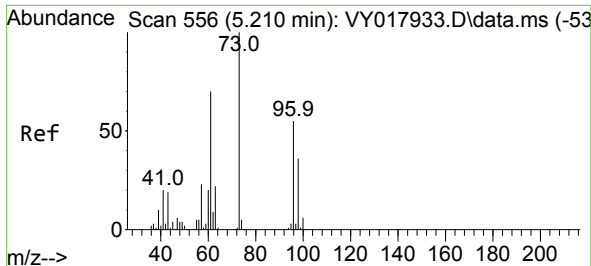
Tgt Ion: 76 Resp: 174977
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 22.306 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 43 Resp: 24165
Ion Ratio Lower Upper
43 100
74 30.6 23.3 34.9

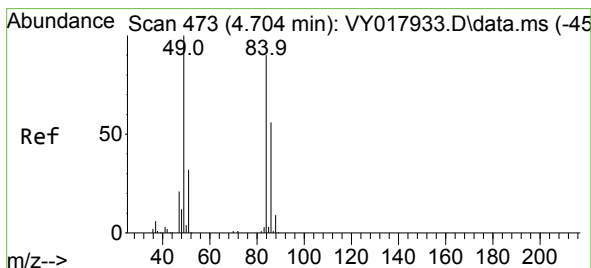
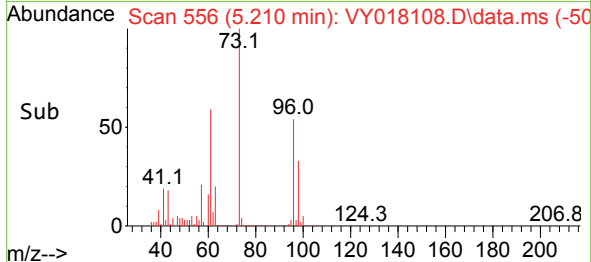
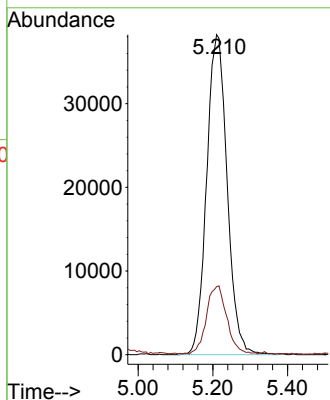
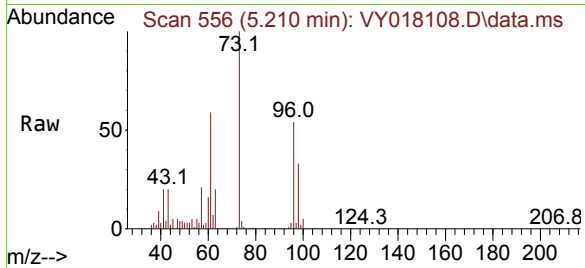




#19
Methyl tert-butyl Ether
Concen: 23.543 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

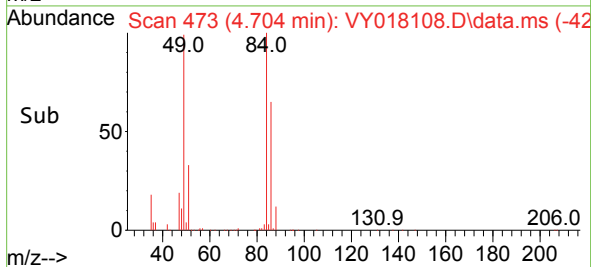
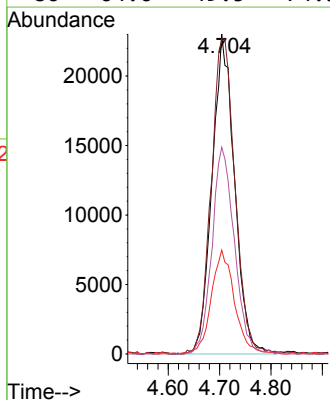
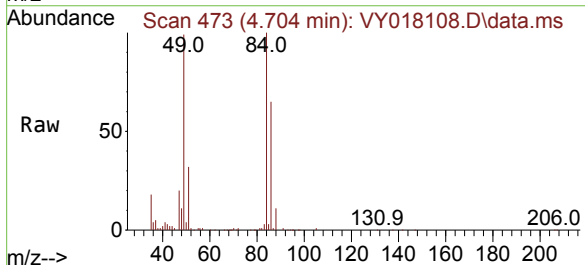
Instrument :
MSVOA_Y
ClientSampleId :

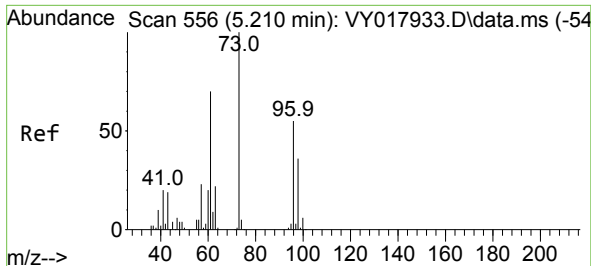
Tgt Ion: 73 Resp: 145491
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 23.513 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 84 Resp: 69695
Ion Ratio Lower Upper
84 100
49 98.3 84.4 126.6
51 32.4 26.0 39.0
86 64.6 49.5 74.3

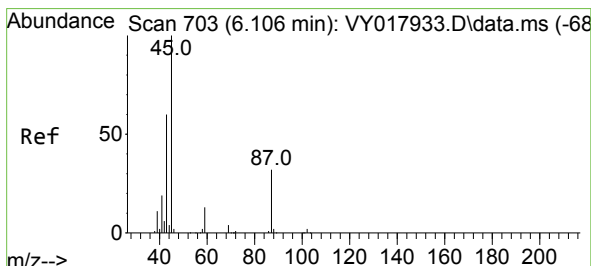
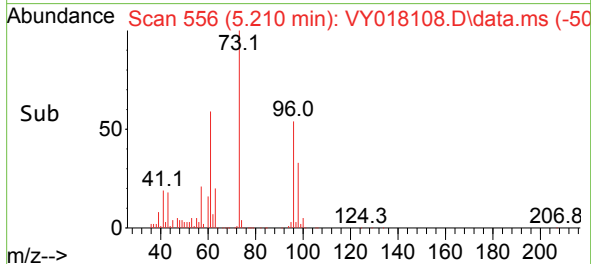
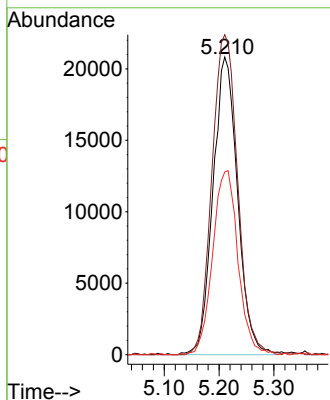
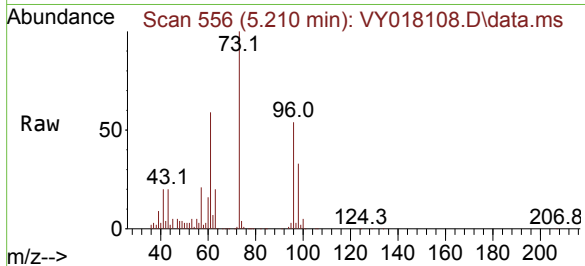




#21
trans-1,2-Dichloroethene
Concen: 22.655 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

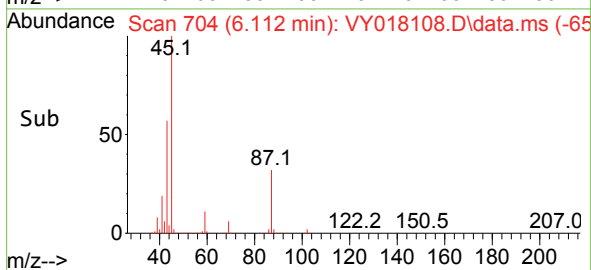
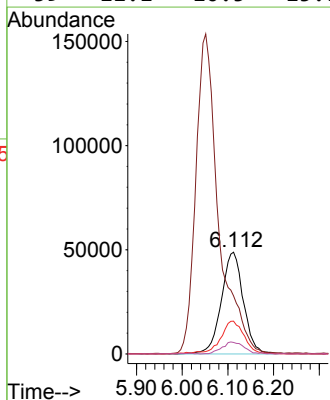
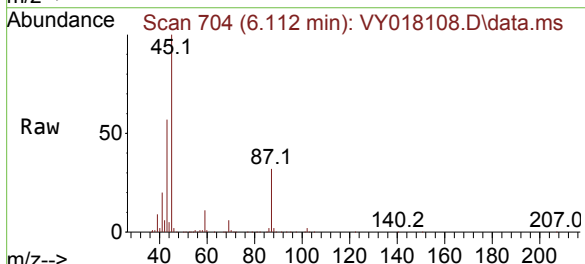
Instrument :
MSVOA_Y
ClientSampleId :

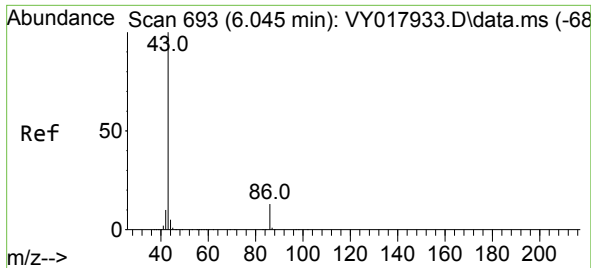
Tgt Ion: 96 Resp: 64859
Ion Ratio Lower Upper
96 100
61 107.5 97.5 146.3
98 61.4 50.5 75.7



#22
Diisopropyl ether
Concen: 22.282 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 45 Resp: 163399
Ion Ratio Lower Upper
45 100
43 56.0 42.2 63.2
87 32.0 25.0 37.6
59 11.1 10.5 15.7

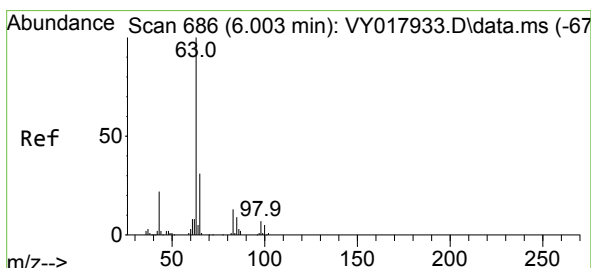
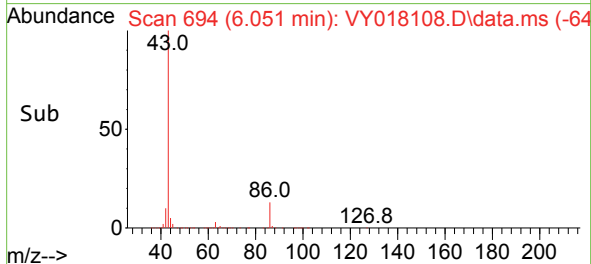
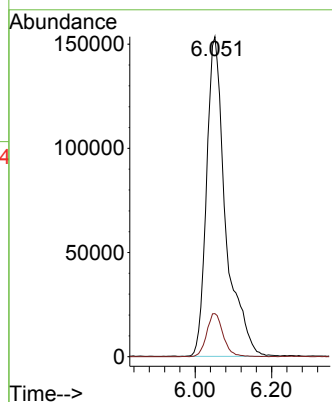
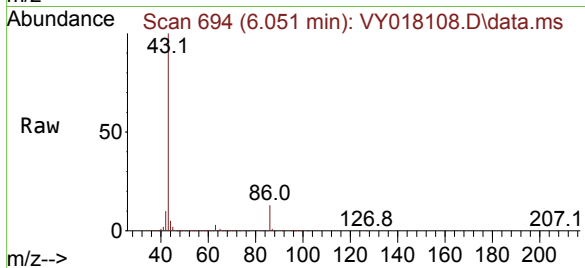




#23
 Vinyl Acetate
 Concen: 114.142 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY018108.D
 Acq: 02 May 2024 11:06

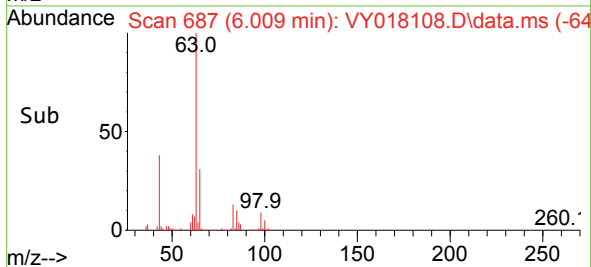
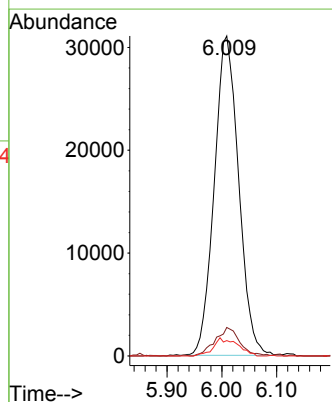
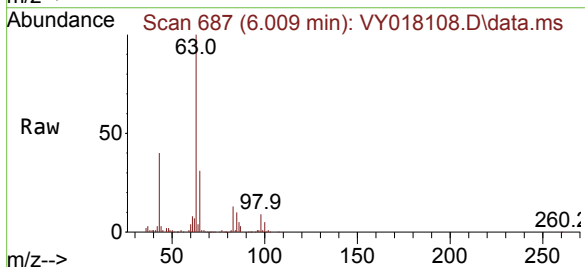
Instrument :
 MSVOA_Y
 ClientSampleId :

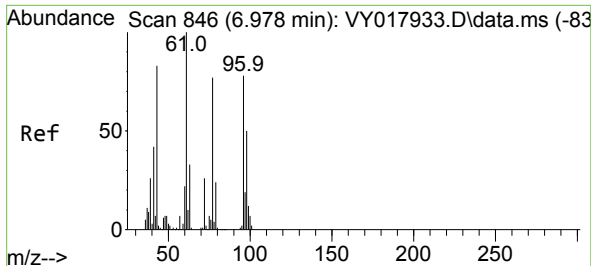
Tgt Ion: 43 Resp: 530892
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.638 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018108.D
 Acq: 02 May 2024 11:06

Tgt Ion: 63 Resp: 95815
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.2
 100 4.8 2.6 8.0

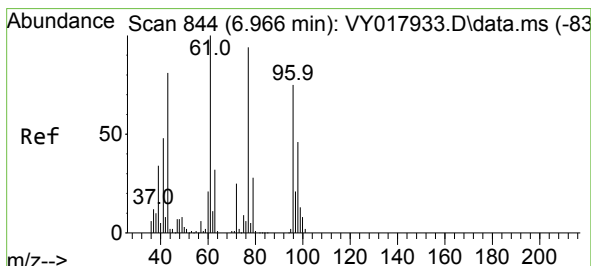
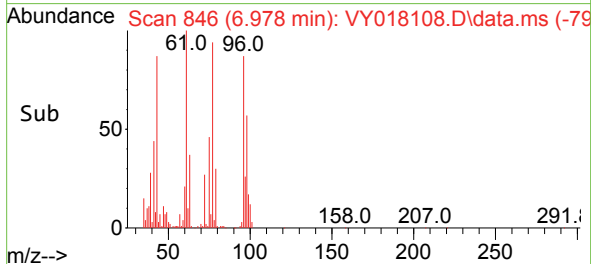
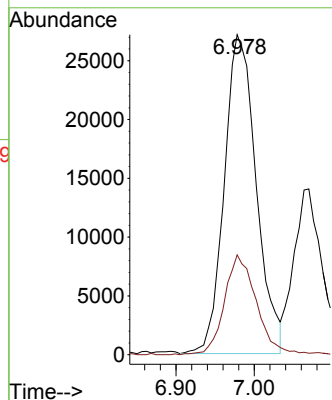
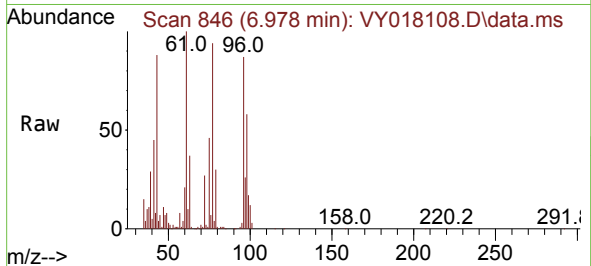




#25
2-Butanone
Concen: 116.966 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

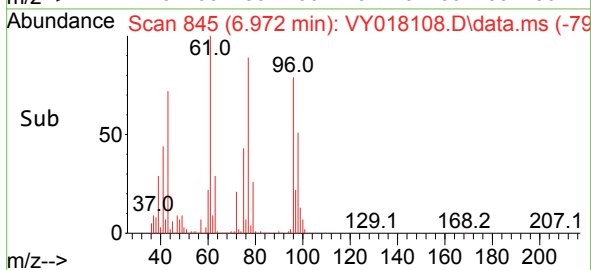
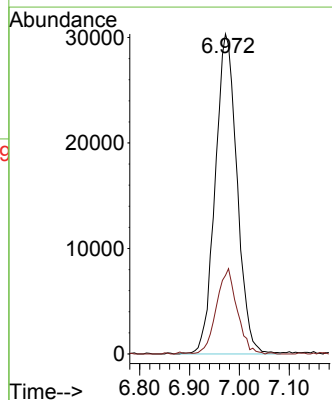
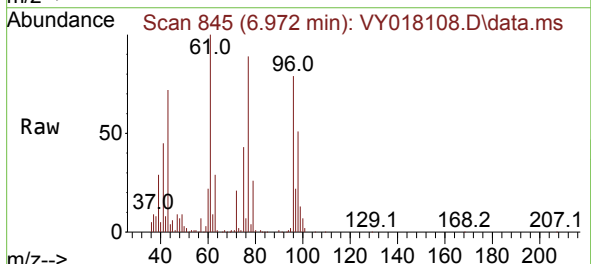
Instrument :
MSVOA_Y
ClientSampleId :

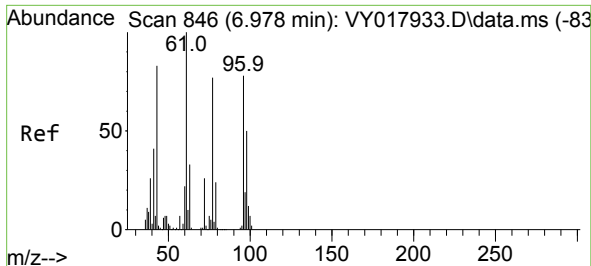
Tgt Ion: 43 Resp: 76971
Ion Ratio Lower Upper
43 100
72 31.3 27.3 40.9



#26
2,2-Dichloropropane
Concen: 22.264 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 77 Resp: 92200
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 22.486 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

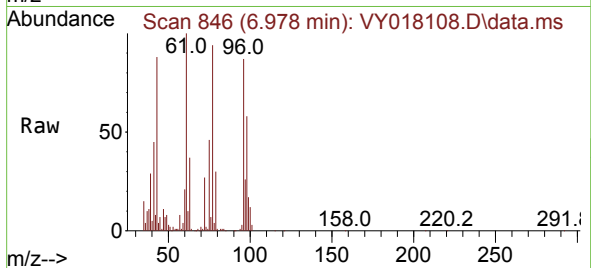
Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



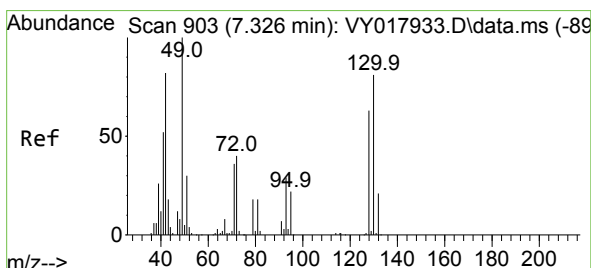
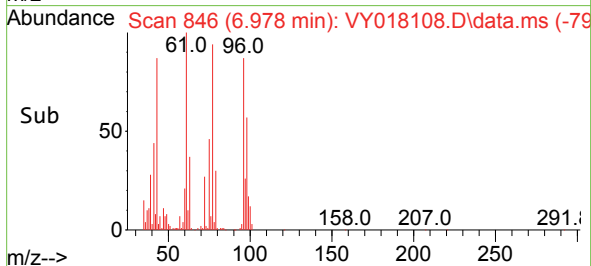
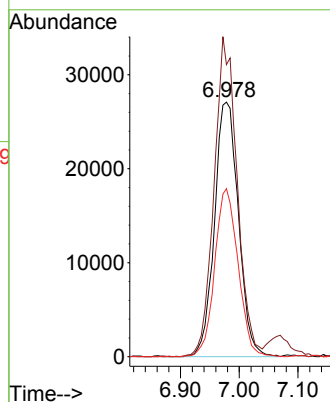
Tgt Ion: 96 Resp: 76771

Ion Ratio Lower Upper

96 100

61 120.9 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 21.819 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

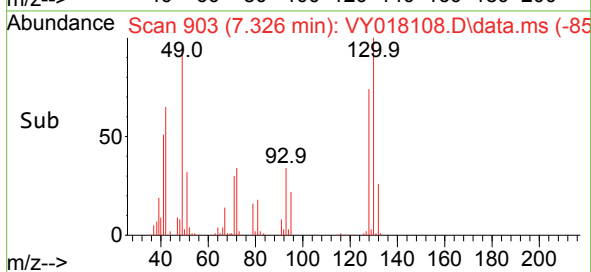
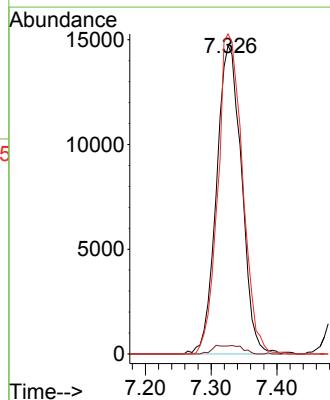
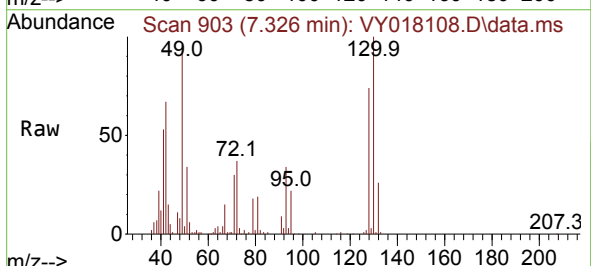
Tgt Ion: 49 Resp: 39046

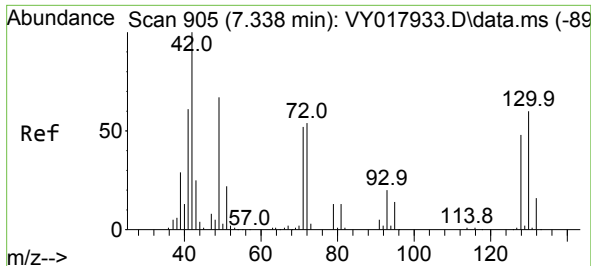
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 102.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 119.570 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

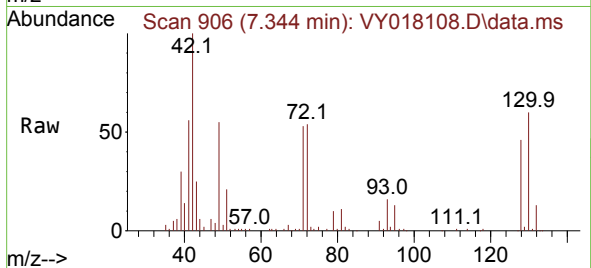
Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



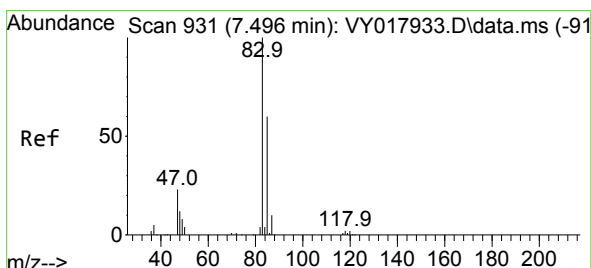
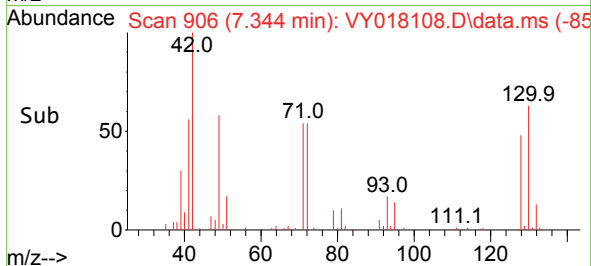
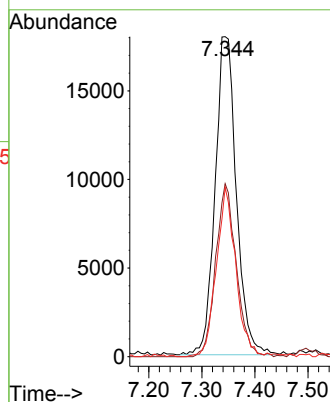
Tgt Ion: 42 Resp: 50022

Ion Ratio Lower Upper

42 100

72 52.6 43.0 64.4

71 48.7 40.8 61.2



#30

Chloroform

Concen: 22.413 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY018108.D

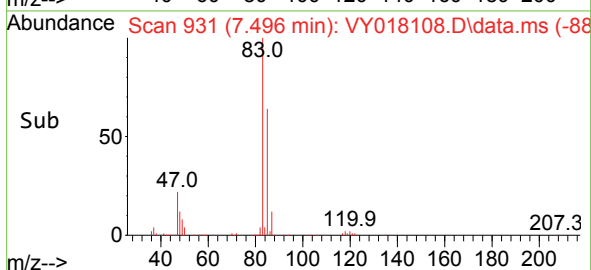
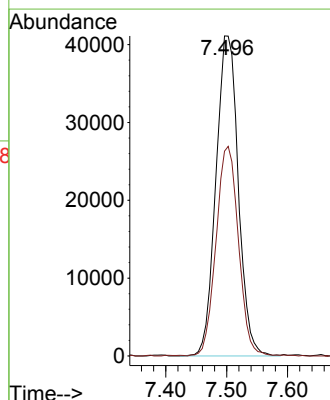
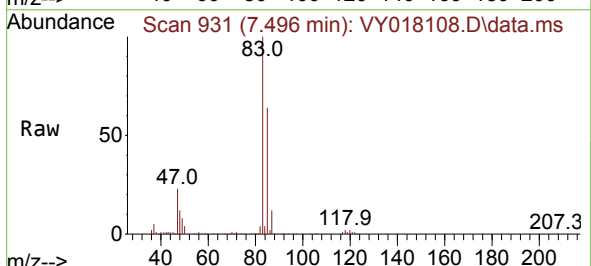
Acq: 02 May 2024 11:06

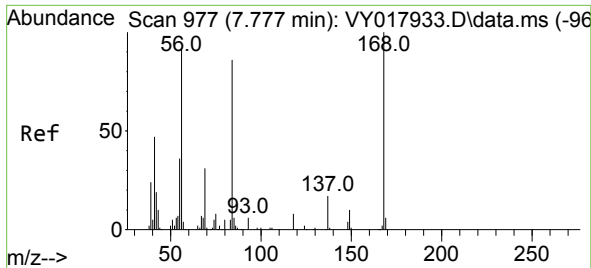
Tgt Ion: 83 Resp: 105024

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

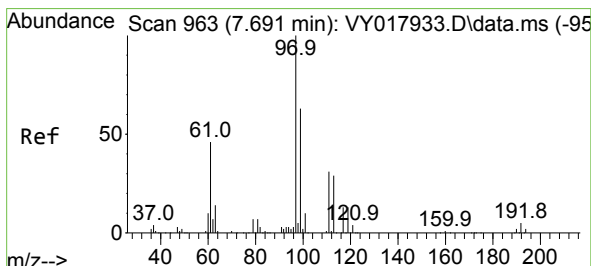
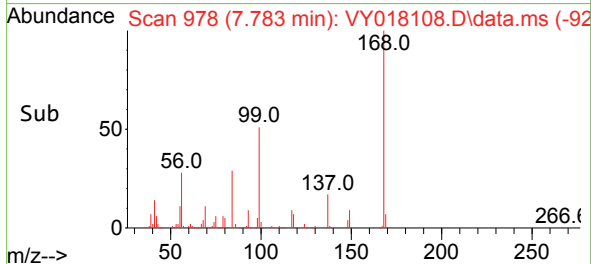
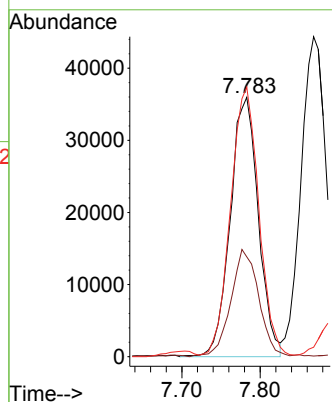
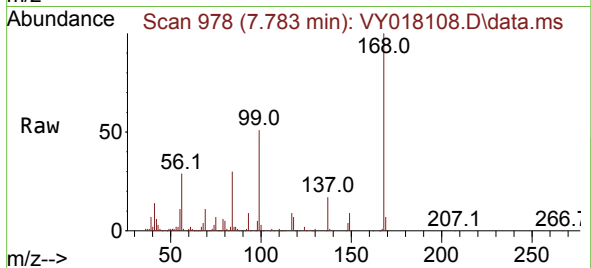




#31
Cyclohexane
Concen: 21.109 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

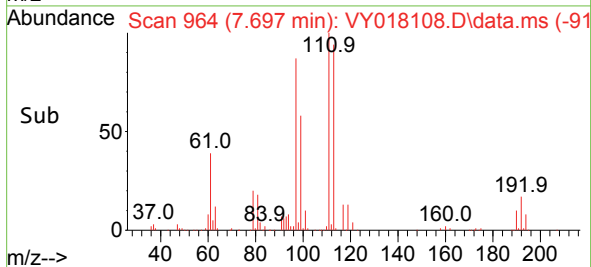
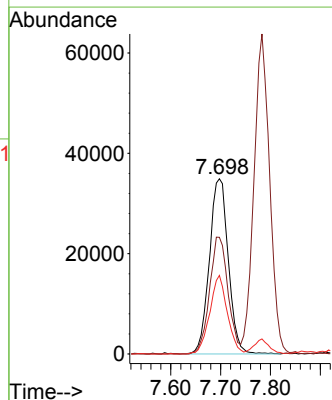
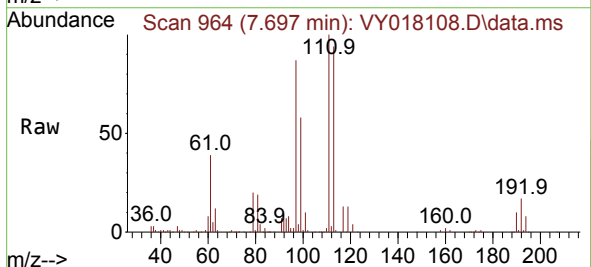
Instrument :
MSVOA_Y
ClientSampleId :

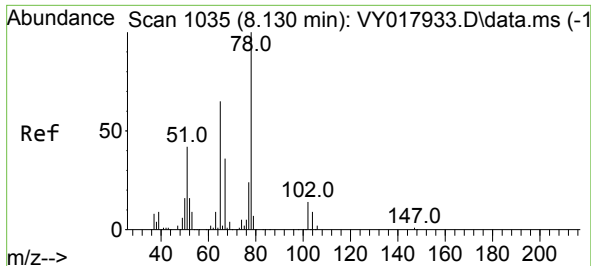
Tgt Ion: 56 Resp: 89809
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 101.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.548 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 97 Resp: 92158
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 41.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.246 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

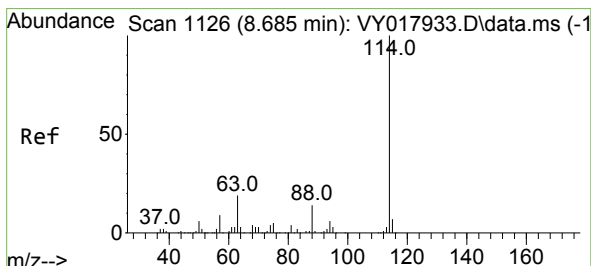
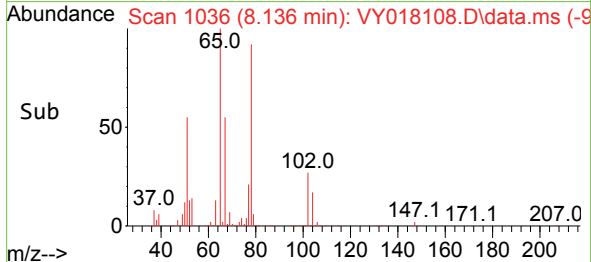
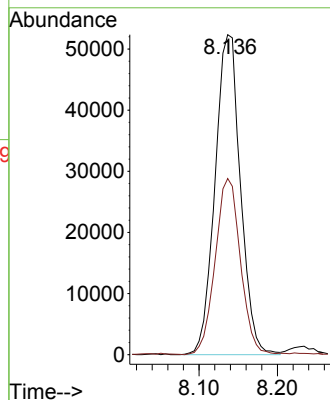
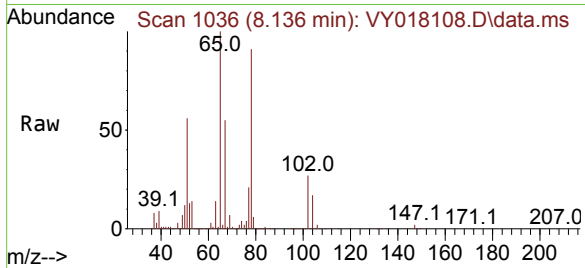
ClientSampleId :

Tgt Ion: 65 Resp: 118228

Ion Ratio Lower Upper

65 100

67 54.8 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: VY018108.D

Acq: 02 May 2024 11:06

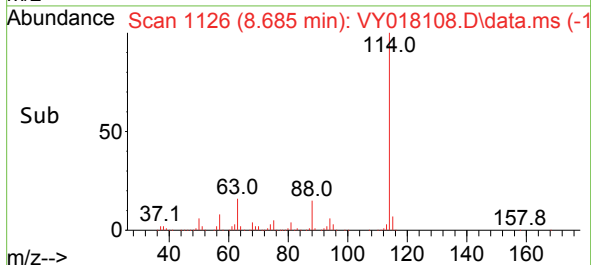
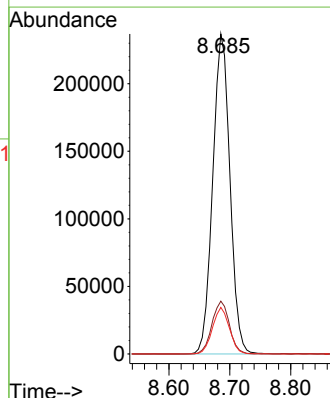
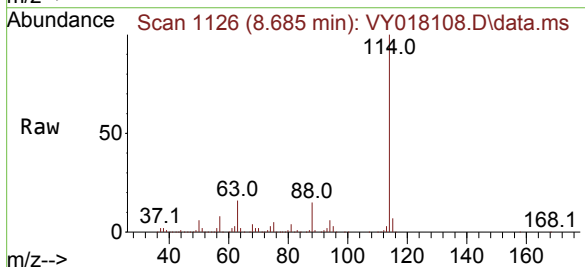
Tgt Ion: 114 Resp: 464287

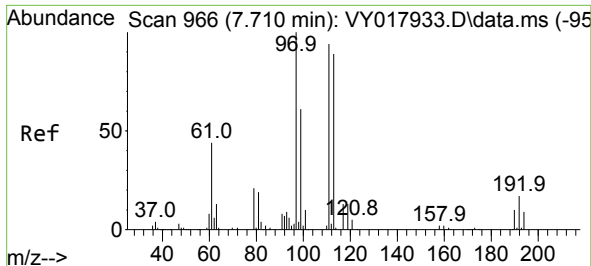
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.5 0.0 27.2

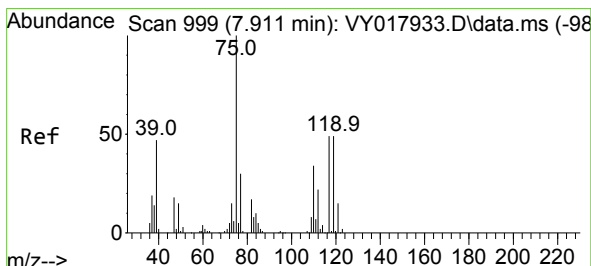
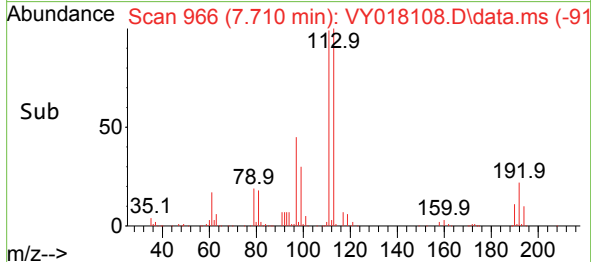
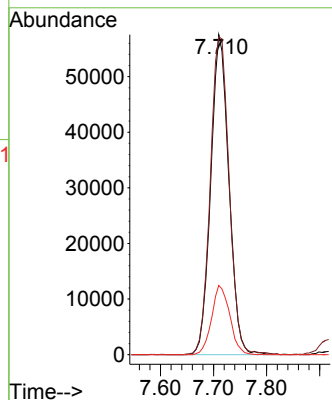
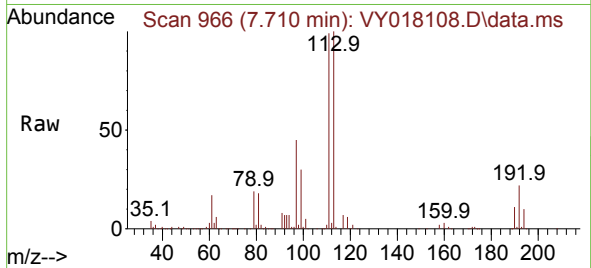




#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

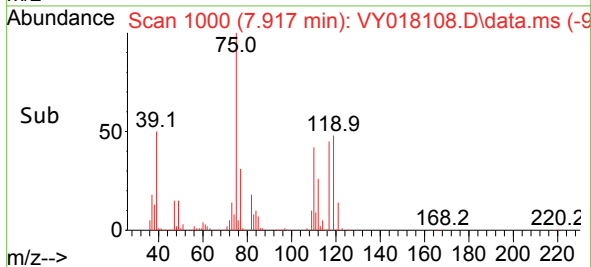
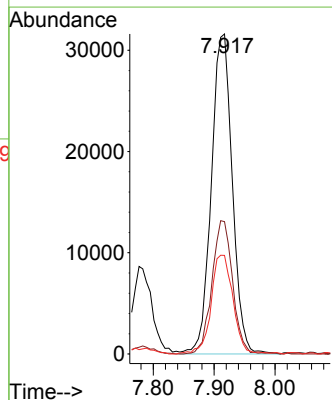
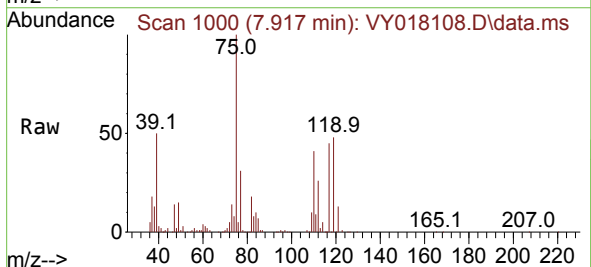
Instrument :
MSVOA_Y
ClientSampleId :

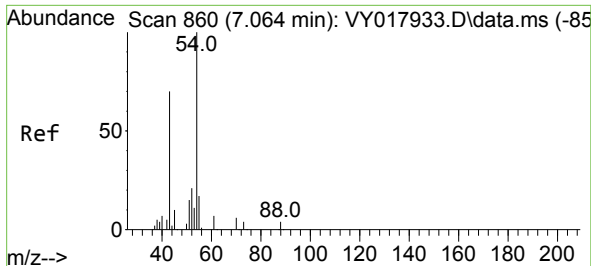
Tgt Ion:113 Resp: 136628
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.248 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 75 Resp: 75675
Ion Ratio Lower Upper
75 100
110 41.1 19.0 57.0
77 32.3 25.3 37.9





#37

Ethyl Acetate

Concen: 23.127 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

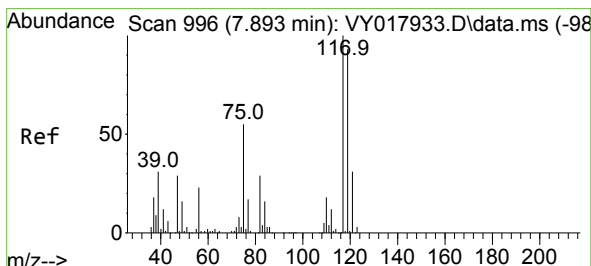
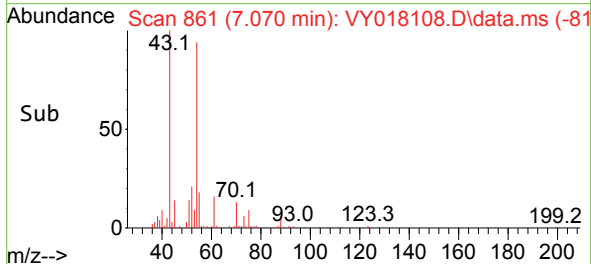
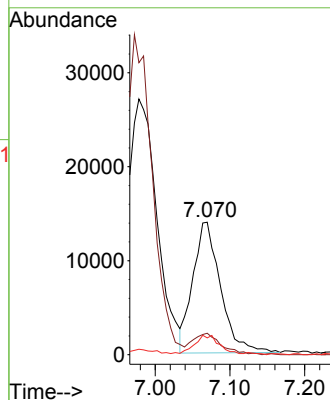
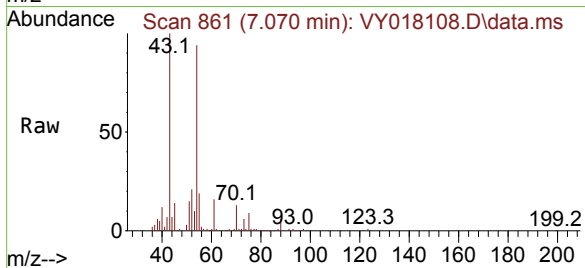
Tgt Ion: 43 Resp: 35844

Ion Ratio Lower Upper

43 100

61 16.8 12.6 19.0

70 13.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 20.717 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

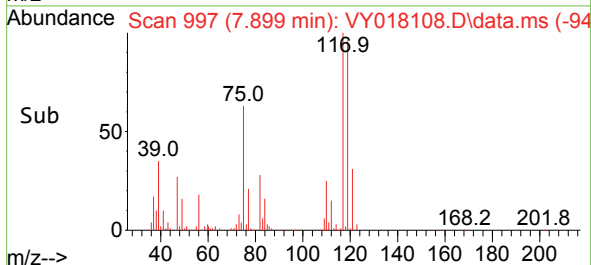
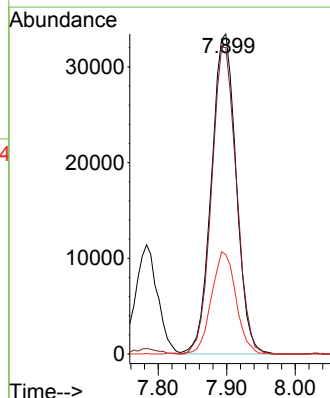
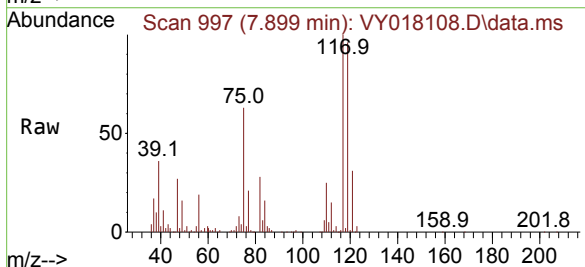
Tgt Ion:117 Resp: 83749

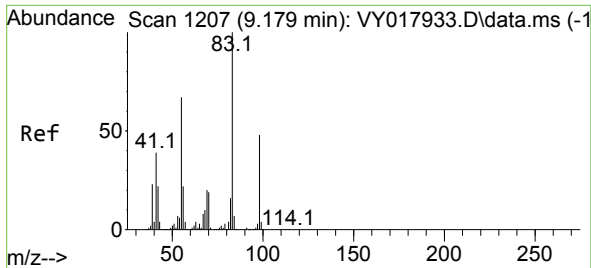
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 20.659 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

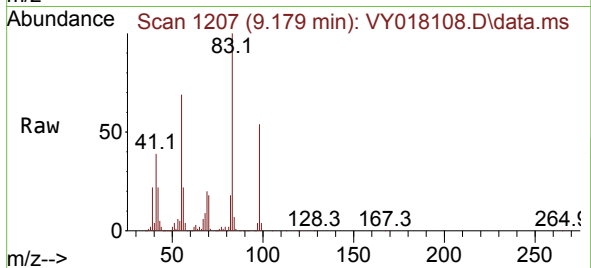
Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :



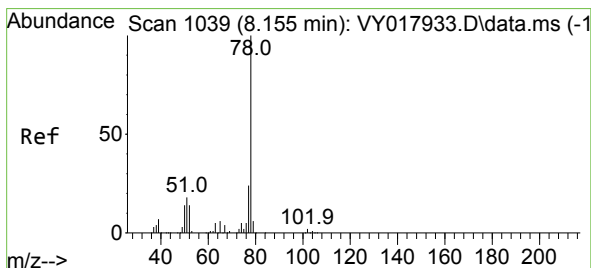
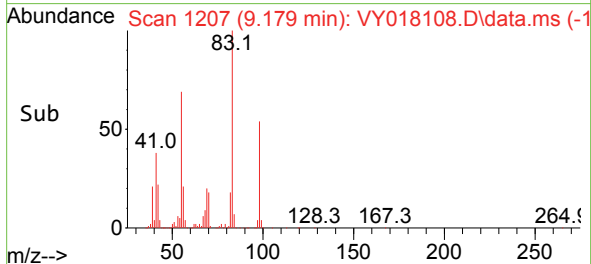
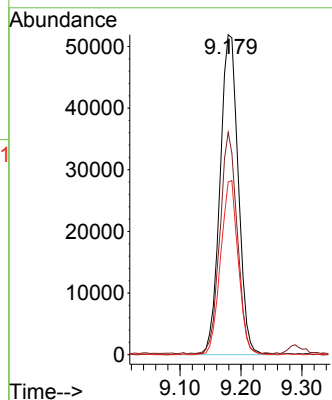
Tgt Ion: 83 Resp: 108071

Ion Ratio Lower Upper

83 100

55 69.1 51.5 77.3

98 54.0 40.5 60.7



#40

Benzene

Concen: 21.834 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY018108.D

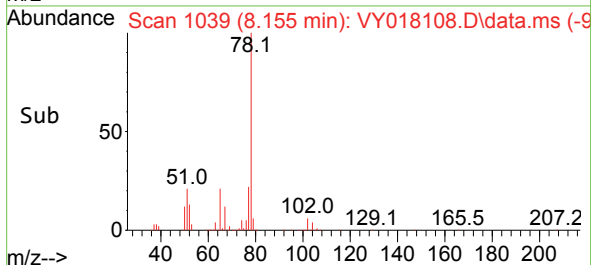
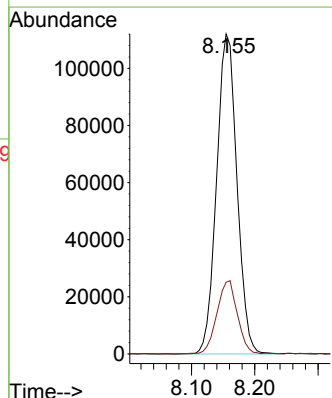
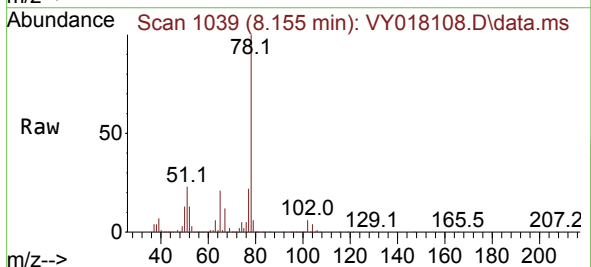
Acq: 02 May 2024 11:06

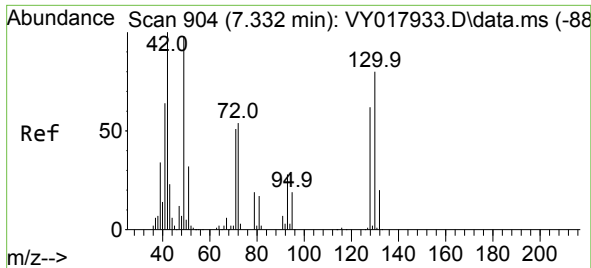
Tgt Ion: 78 Resp: 249881

Ion Ratio Lower Upper

78 100

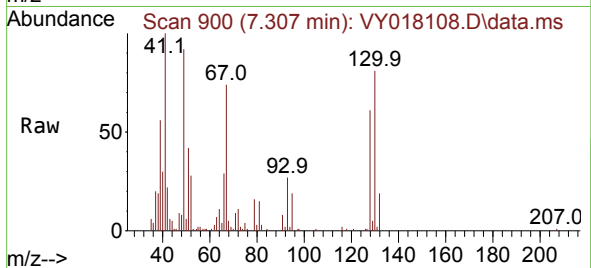
77 22.3 19.5 29.3



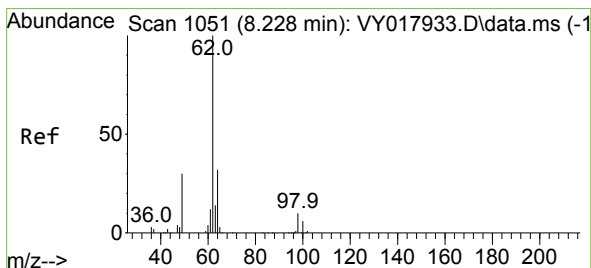
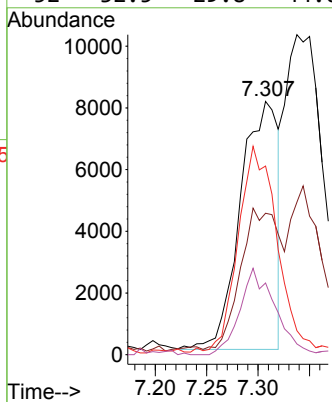
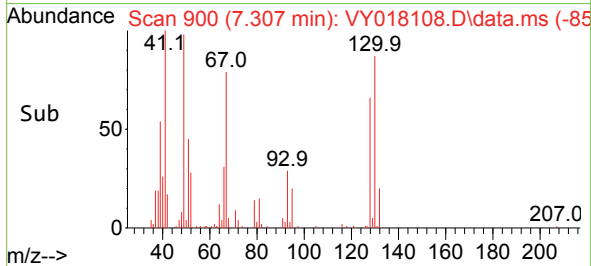


#41
Methacrylonitrile
Concen: 22.393 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

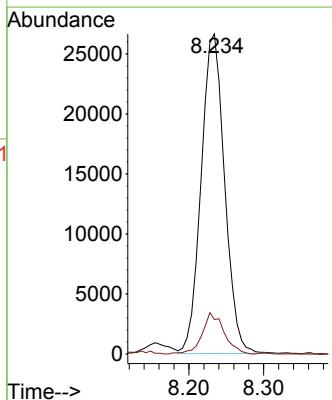
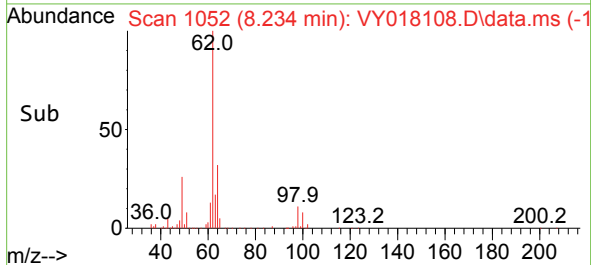
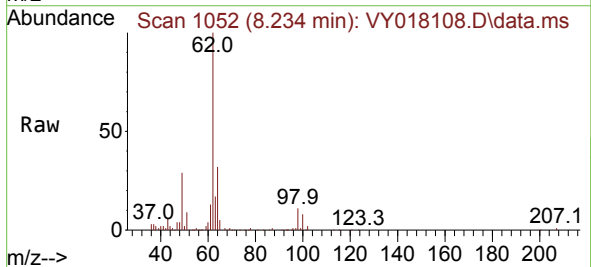


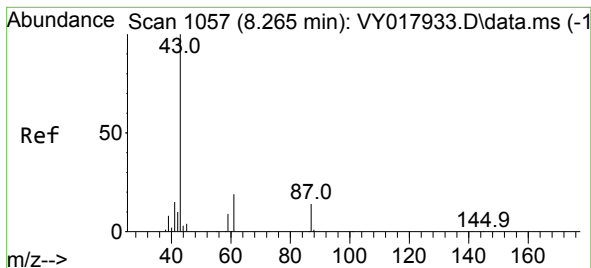
Tgt Ion:	41	Resp:	20467
Ion	Ratio	Lower	Upper
41	100		
39	60.0	48.0	72.0
67	86.3	75.1	112.7
52	32.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.922 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:	62	Resp:	58123
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 22.246 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY018108.D

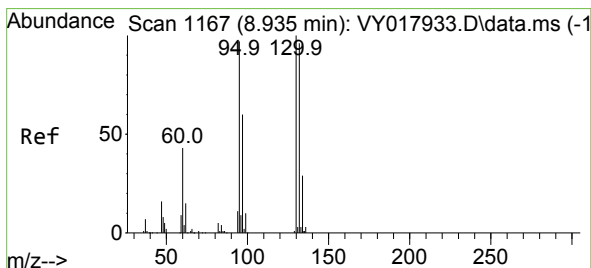
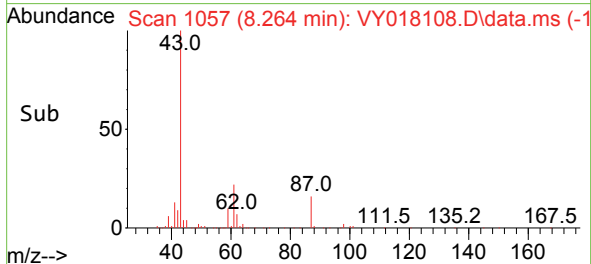
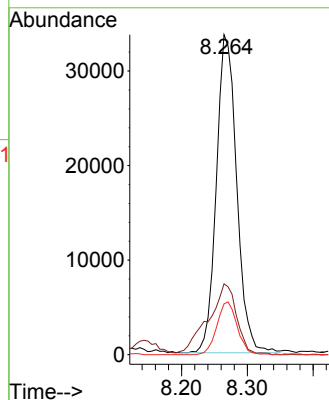
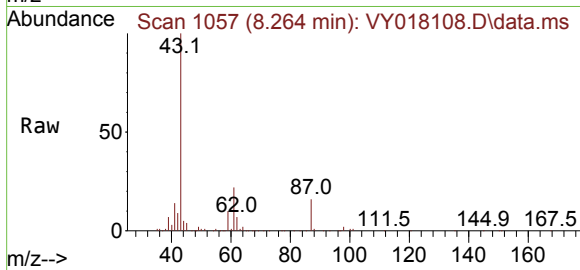
Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 72438
Ion Ratio	Lower Upper
43	100
61	31.4 27.9 41.9
87	16.6 13.1 19.7



#44

Trichloroethene

Concen: 21.223 ug/l

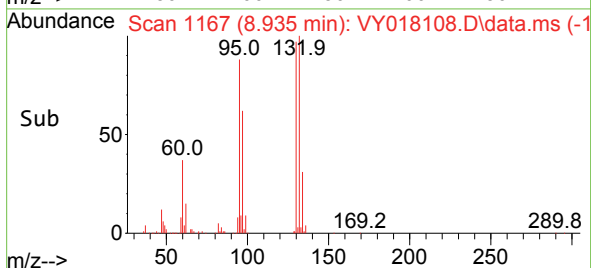
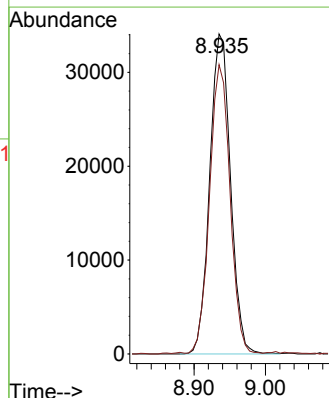
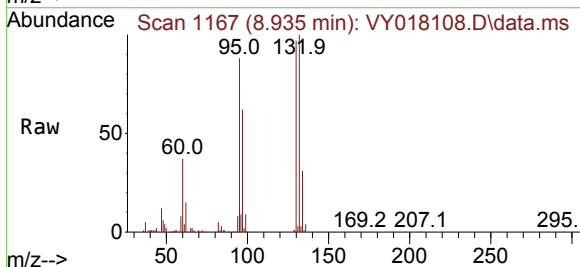
RT: 8.935 min Scan# 1167

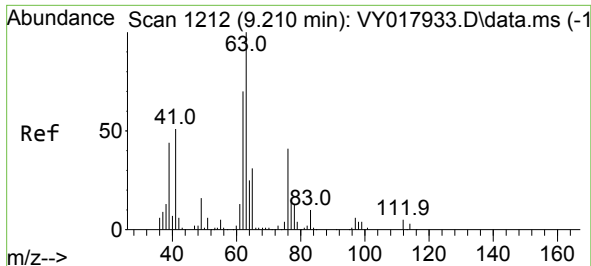
Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Tgt Ion: 130	Resp: 68879
Ion Ratio	Lower Upper
130	100
95	90.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.707 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

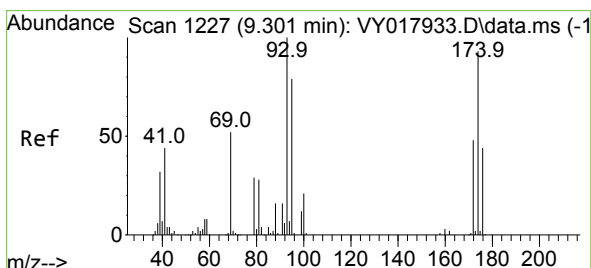
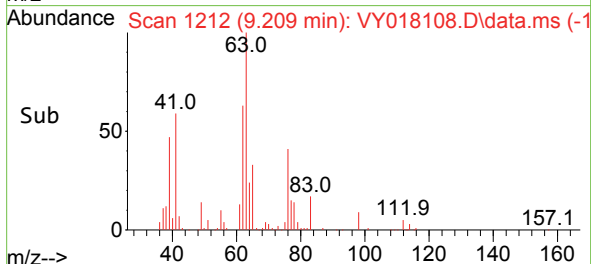
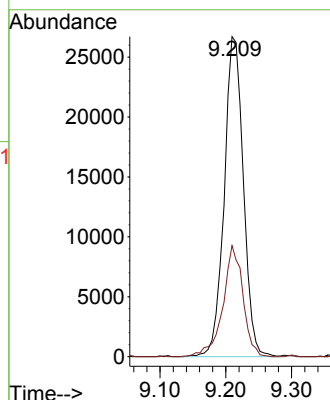
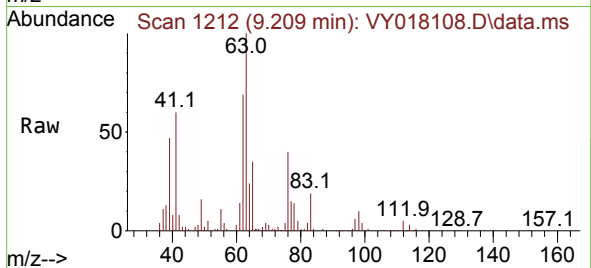
ClientSampleId :

Tgt Ion: 63 Resp: 54202

Ion Ratio Lower Upper

63 100

65 34.7 25.4 38.2



#46

Dibromomethane

Concen: 22.416 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

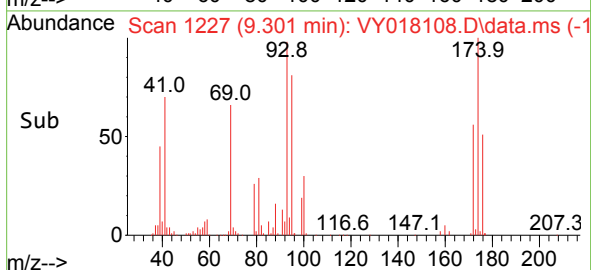
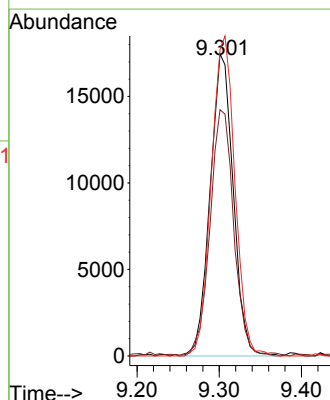
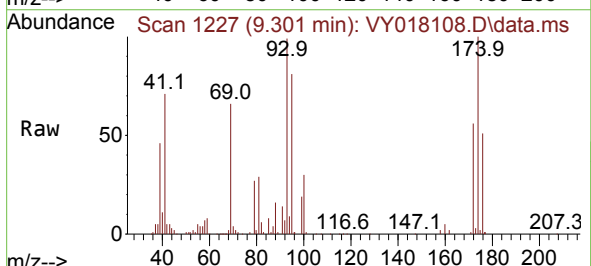
Tgt Ion: 93 Resp: 34031

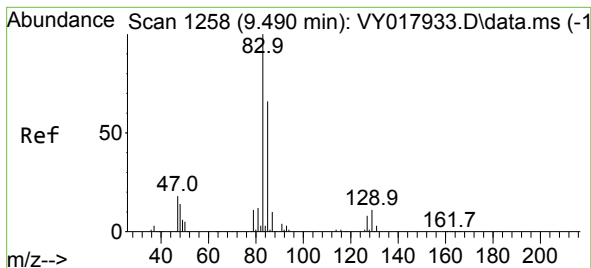
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 108.1 80.9 121.3





#47

Bromodichloromethane

Concen: 21.700 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY018108.D

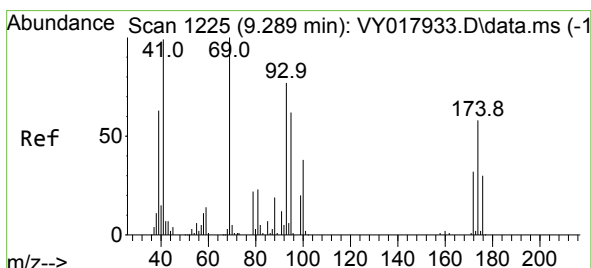
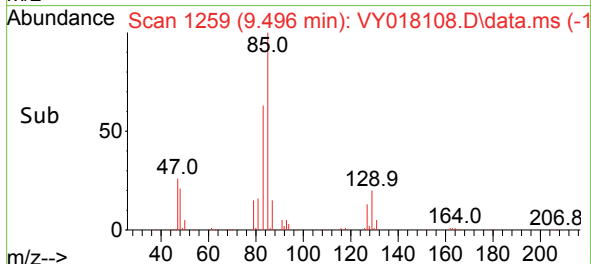
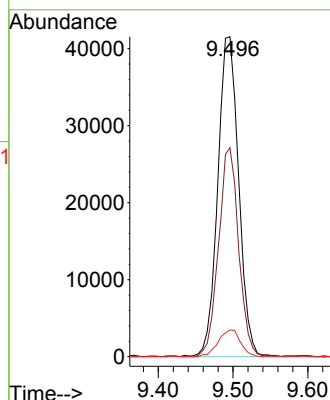
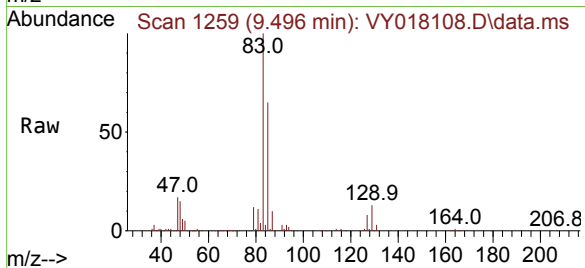
Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	80875
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.1	75.1
127	8.4	7.4	11.0



#48

Methyl methacrylate

Concen: 22.741 ug/l

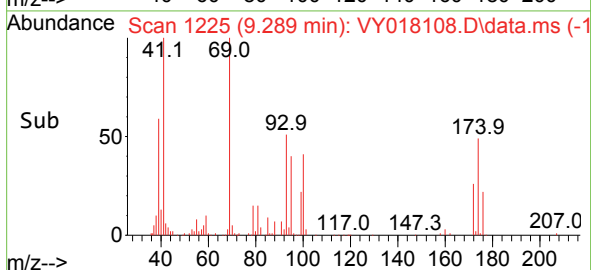
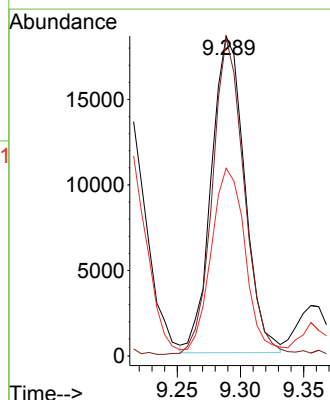
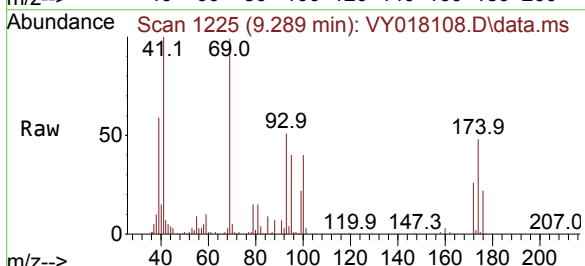
RT: 9.289 min Scan# 1225

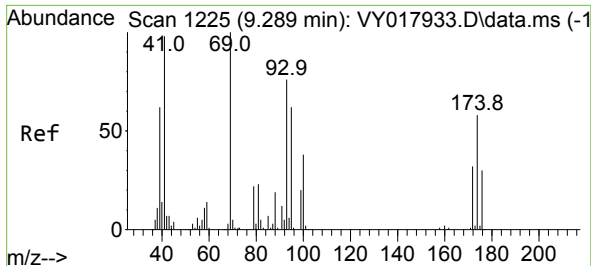
Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Tgt Ion:	41	Resp:	33897
Ion Ratio	Lower	Upper	
41	100		
69	95.1	84.1	126.1
39	57.8	43.6	65.4





#49

1,4-Dioxane

Concen: 472.422 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

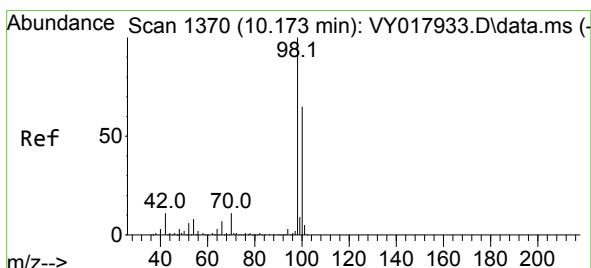
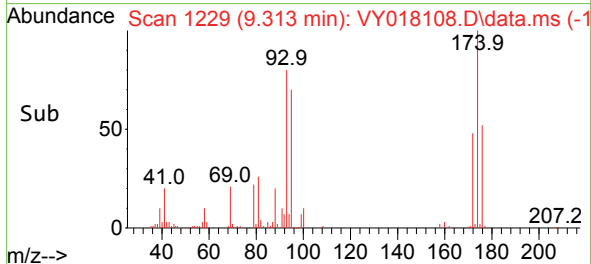
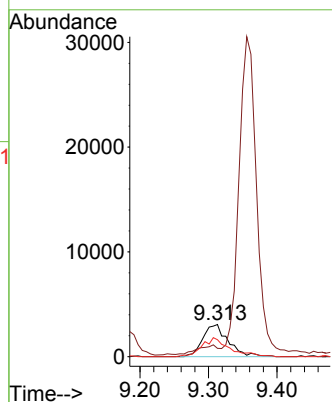
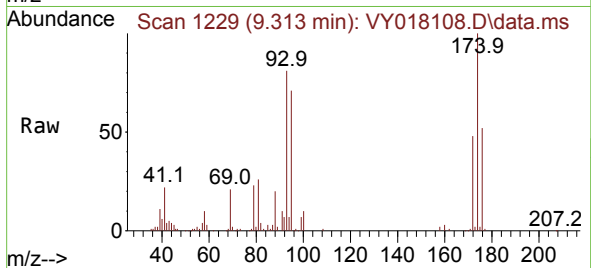
Tgt Ion: 88 Resp: 7957

Ion Ratio Lower Upper

88 100

43 24.7 0.0 0.0#

58 64.0 49.3 73.9



#50

Toluene-d8

Concen: 50.803 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018108.D

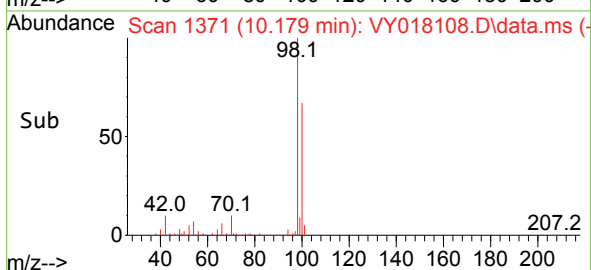
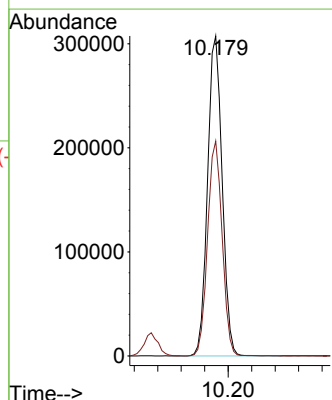
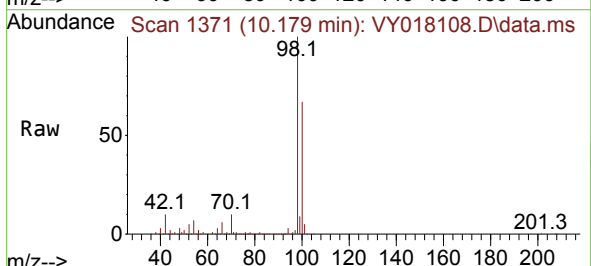
Acq: 02 May 2024 11:06

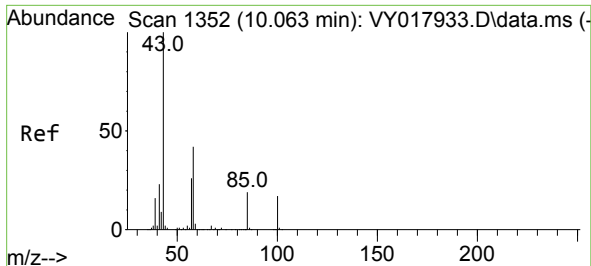
Tgt Ion: 98 Resp: 529174

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0

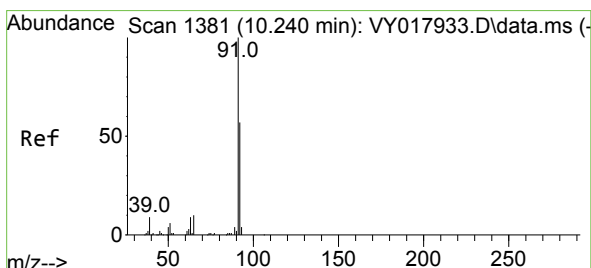
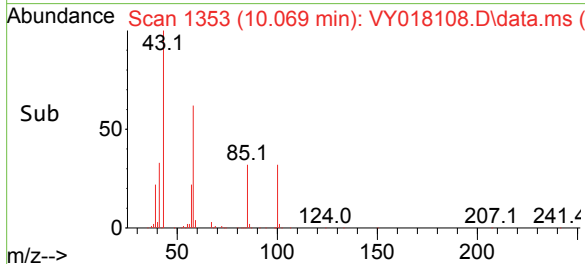
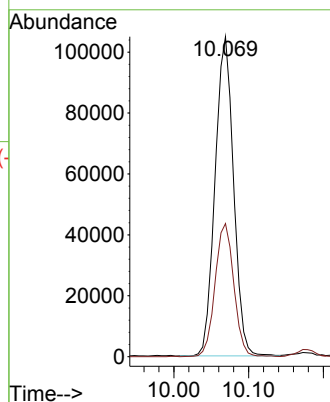
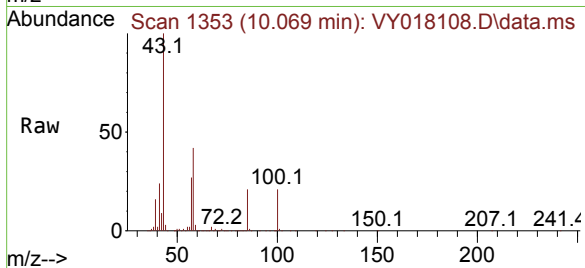




#51
4-Methyl-2-Pentanone
Concen: 113.467 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

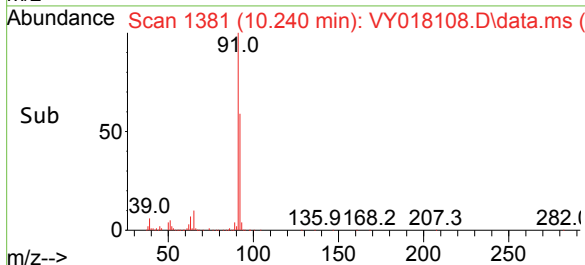
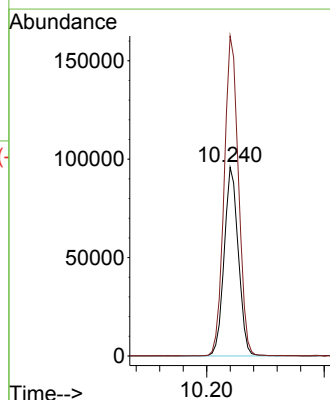
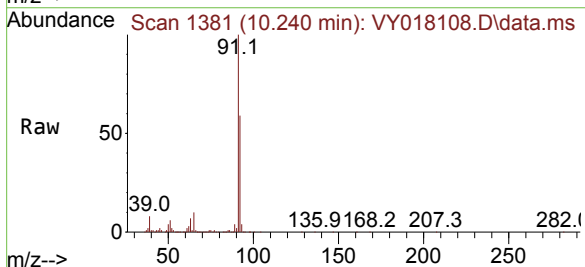
Instrument :
MSVOA_Y
ClientSampleId :

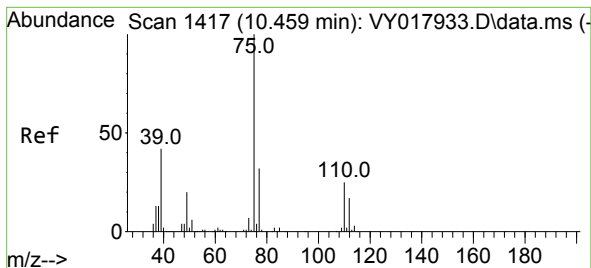
Tgt Ion: 43 Resp: 180451
Ion Ratio Lower Upper
43 100
58 42.4 35.7 53.5



#52
Toluene
Concen: 21.208 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 92 Resp: 160635
Ion Ratio Lower Upper
92 100
91 171.5 139.0 208.6

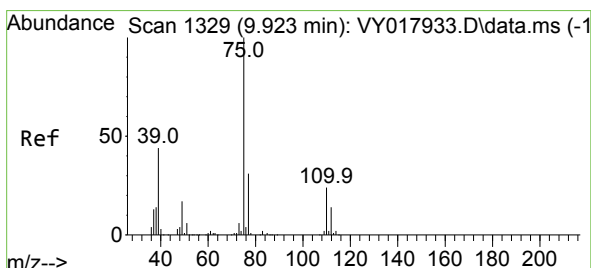
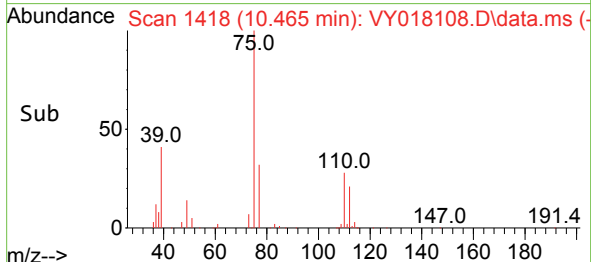
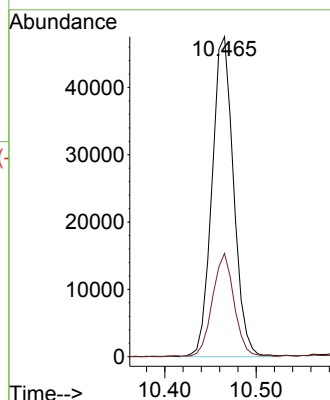
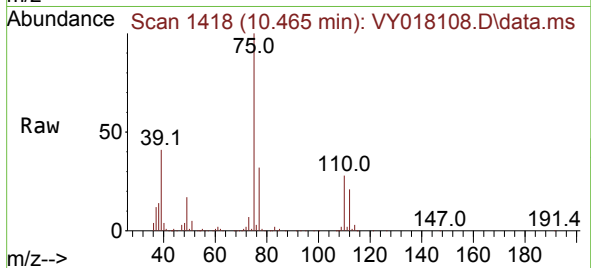




#53
 t-1,3-Dichloropropene
 Concen: 21.639 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018108.D
 Acq: 02 May 2024 11:06

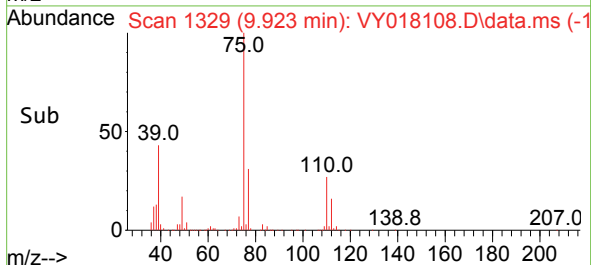
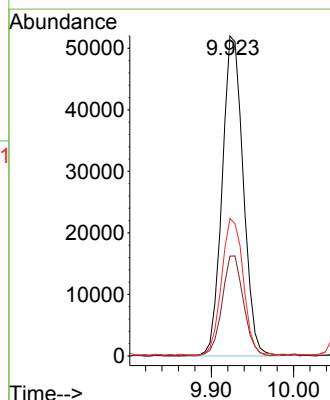
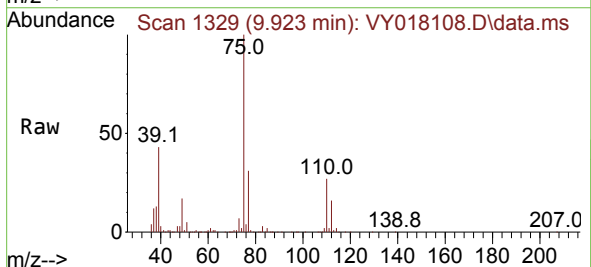
Instrument :
 MSVOA_Y
 ClientSampleId :

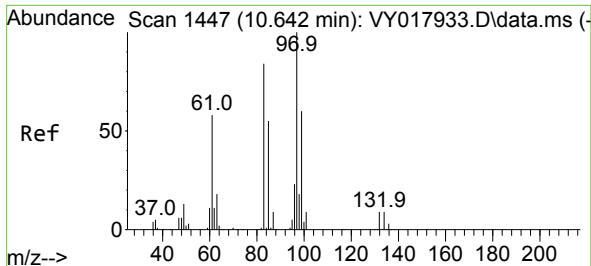
Tgt Ion: 75 Resp: 77925
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.883 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY018108.D
 Acq: 02 May 2024 11:06

Tgt Ion: 75 Resp: 92577
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 42.4 29.8 44.6

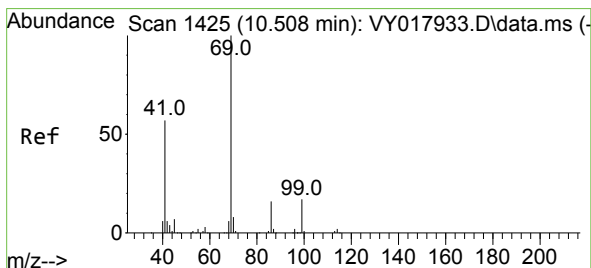
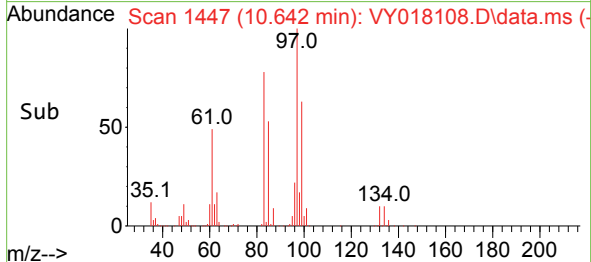
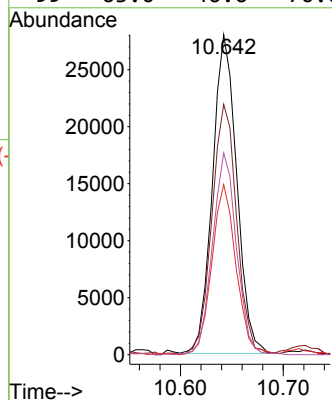
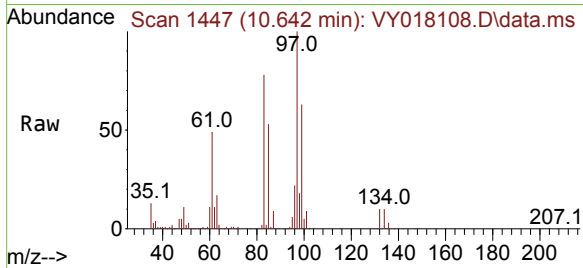




#55
1,1,2-Trichloroethane
Concen: 22.445 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

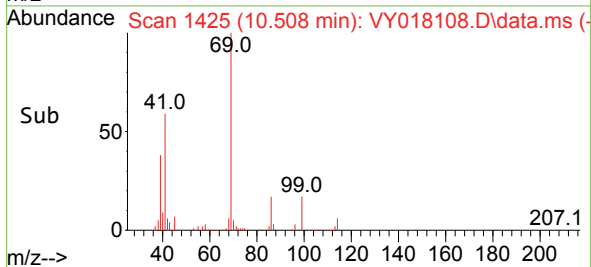
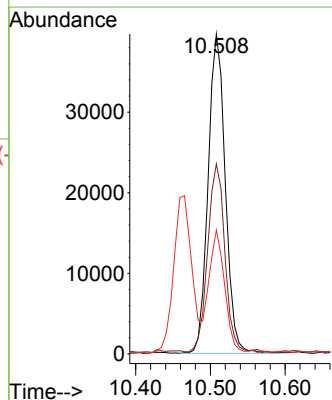
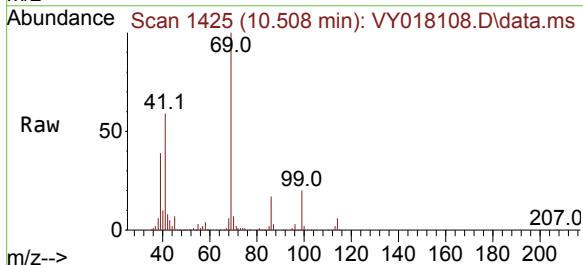
Instrument :
MSVOA_Y
ClientSampleId :

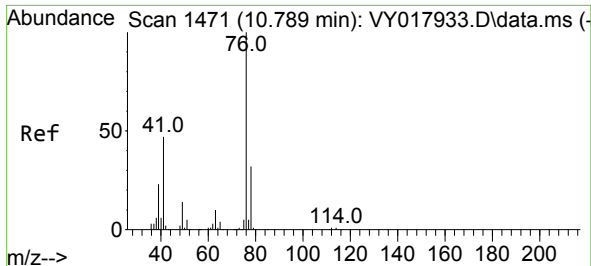
Tgt Ion:	97	Resp:	45829
Ion	Ratio	Lower	Upper
97	100		
83	78.3	67.5	101.3
85	53.4	42.9	64.3
99	63.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 21.943 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:	69	Resp:	63348
Ion	Ratio	Lower	Upper
69	100		
41	59.1	42.3	63.5
39	34.5	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 22.768 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

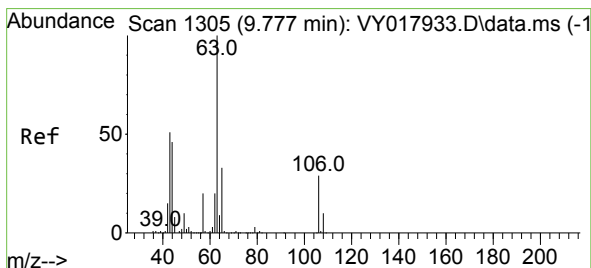
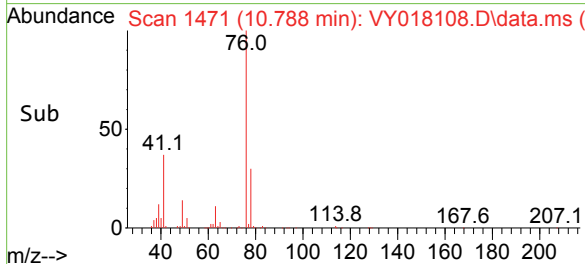
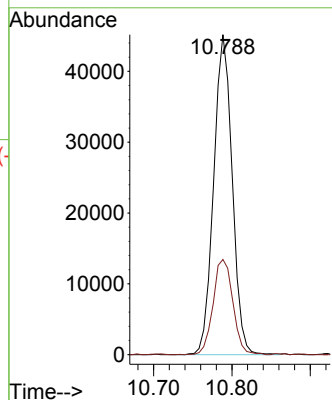
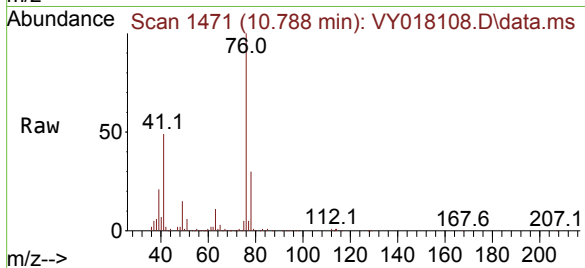
ClientSampleId :

Tgt Ion: 76 Resp: 74271

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.386 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018108.D

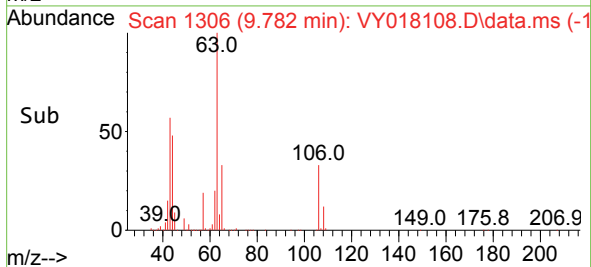
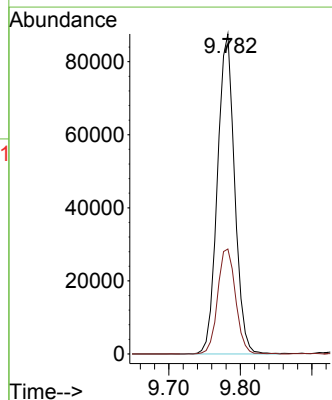
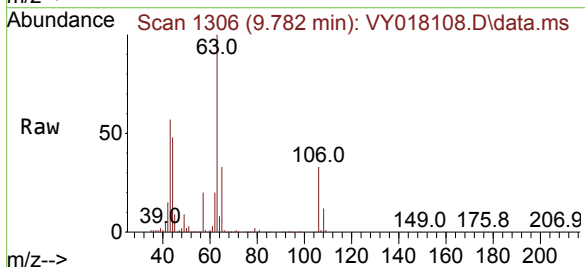
Acq: 02 May 2024 11:06

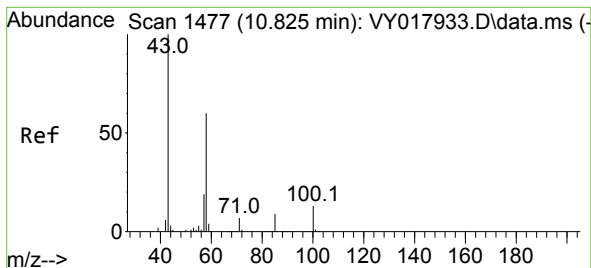
Tgt Ion: 63 Resp: 146065

Ion Ratio Lower Upper

63 100

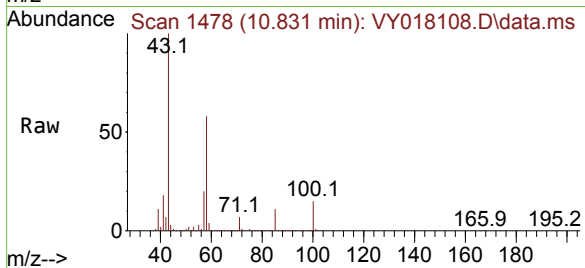
106 34.2 23.7 35.5



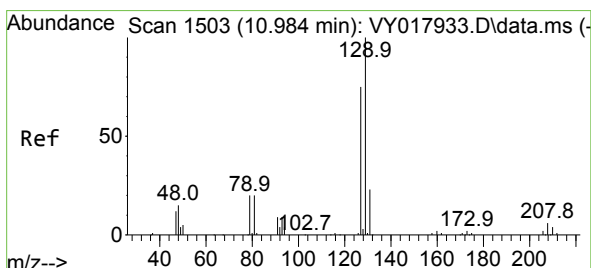
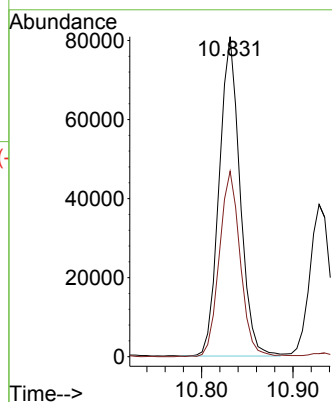
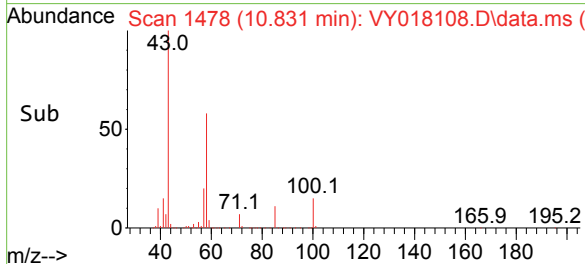


#59
2-Hexanone
Concen: 112.741 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

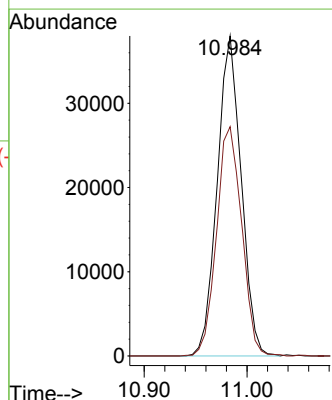
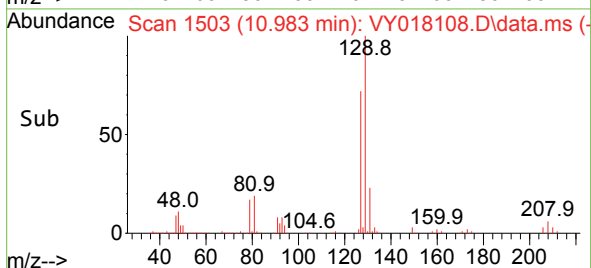
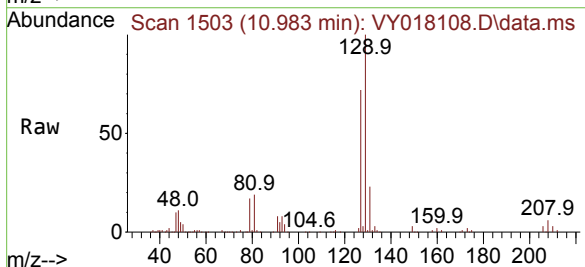


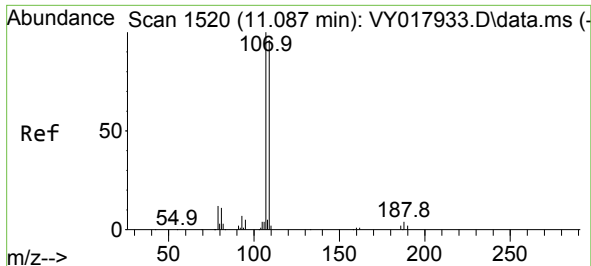
Tgt Ion: 43 Resp: 127968
Ion Ratio Lower Upper
43 100
58 58.6 31.4 94.0



#60
Dibromochloromethane
Concen: 22.212 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 129 Resp: 61602
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0

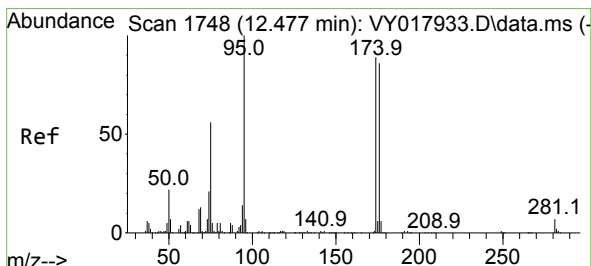
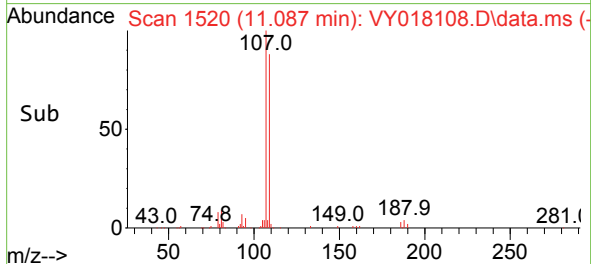
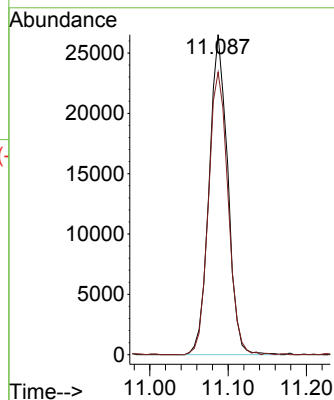
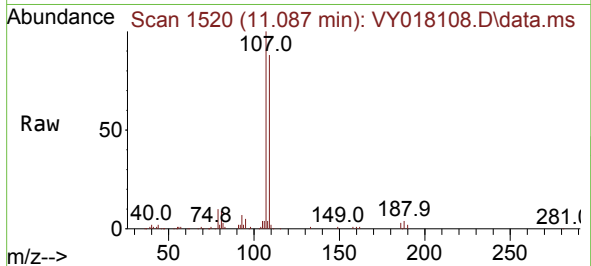




#61
1,2-Dibromoethane
Concen: 22.299 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

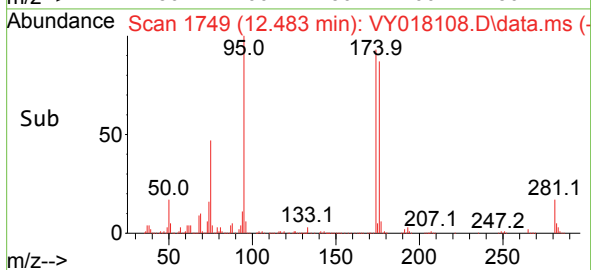
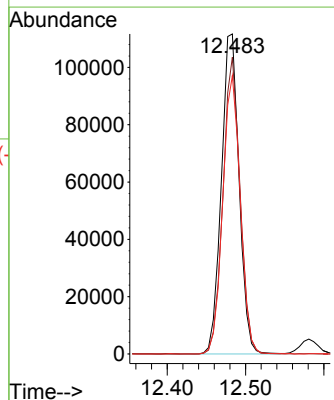
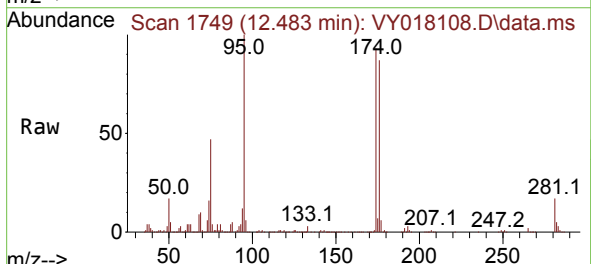
Instrument :
MSVOA_Y
ClientSampleId :

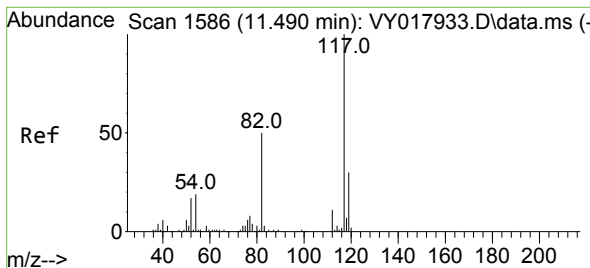
Tgt Ion:107 Resp: 43631
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 95 Resp: 175833
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.6
176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

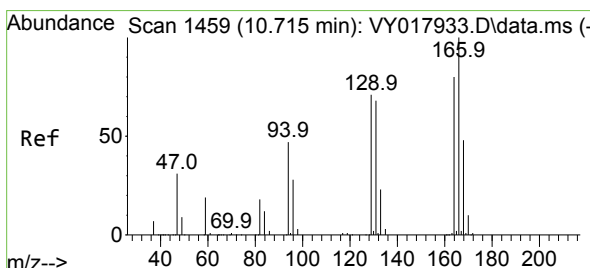
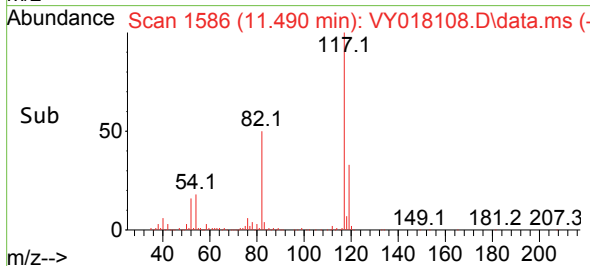
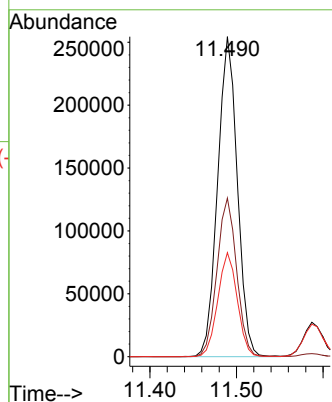
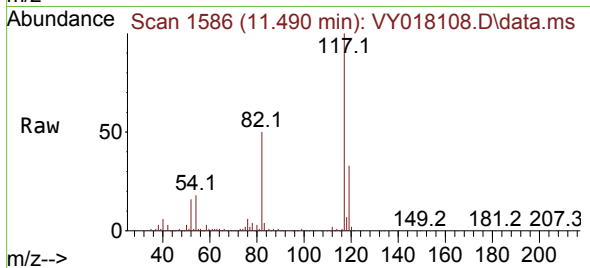
Tgt Ion:117 Resp: 401369

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 20.482 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Tgt Ion:164 Resp: 59509

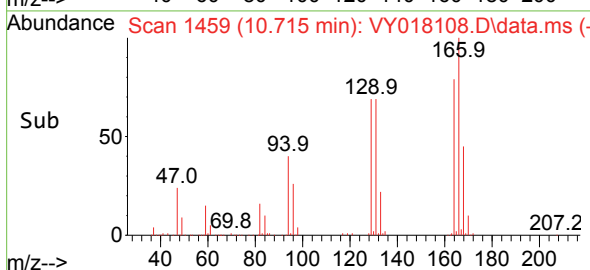
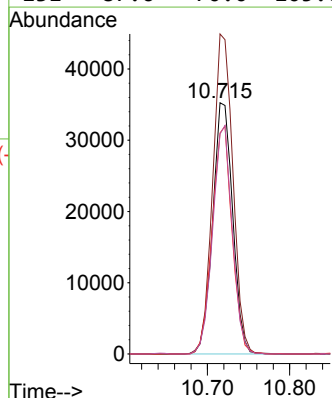
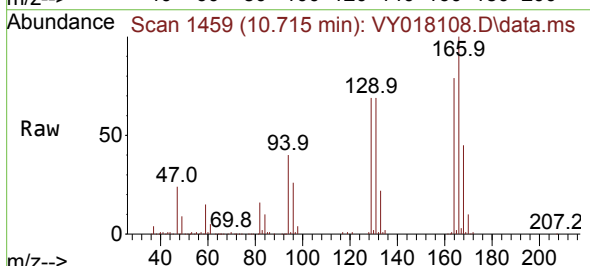
Ion Ratio Lower Upper

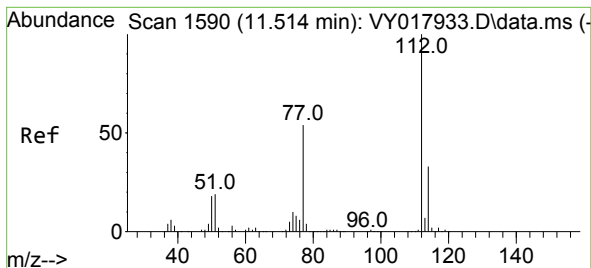
164 100

166 127.4 102.6 154.0

129 88.0 72.0 108.0

131 87.6 70.0 105.0

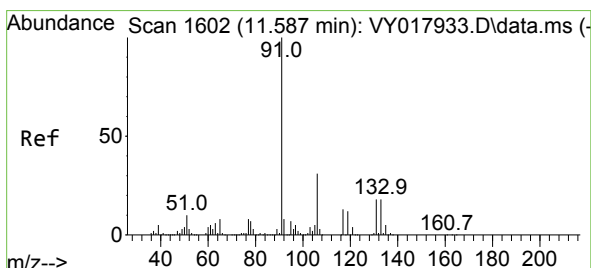
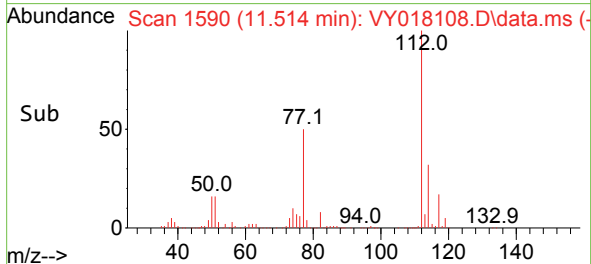
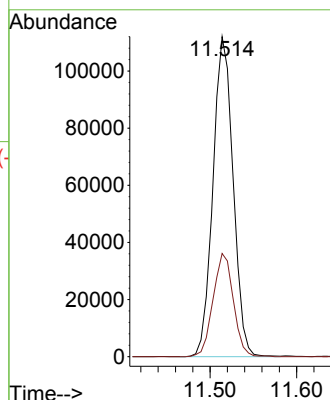
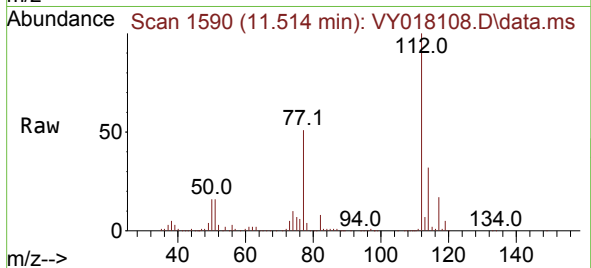




#65
Chlorobenzene
Concen: 21.362 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

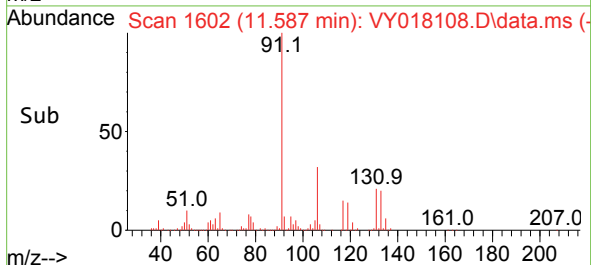
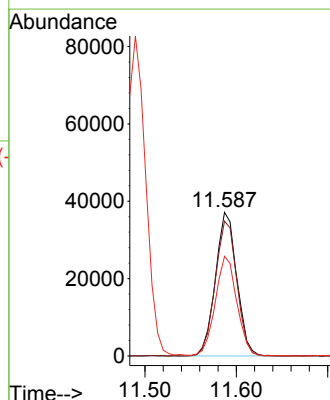
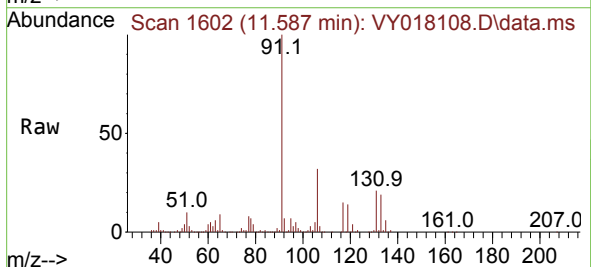
Instrument :
MSVOA_Y
ClientSampleId :

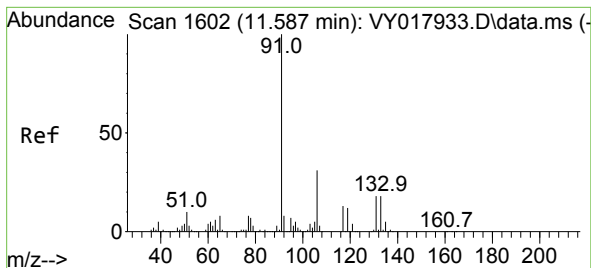
Tgt Ion:112 Resp: 180969
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.182 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:131 Resp: 60364
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 70.0 34.1 102.2





#67

Ethyl Benzene

Concen: 21.142 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

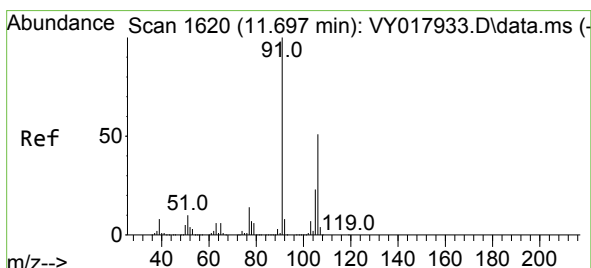
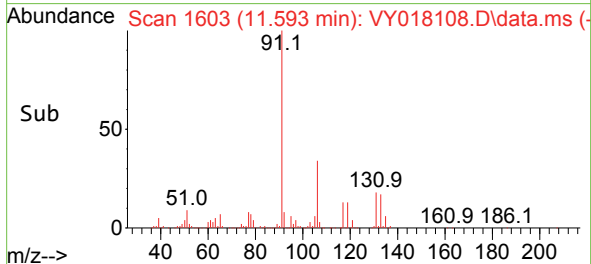
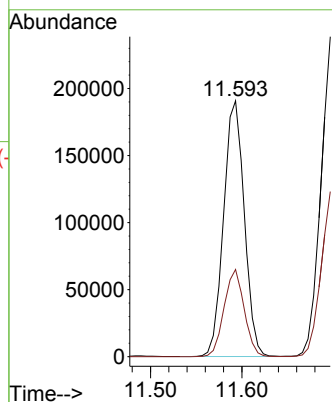
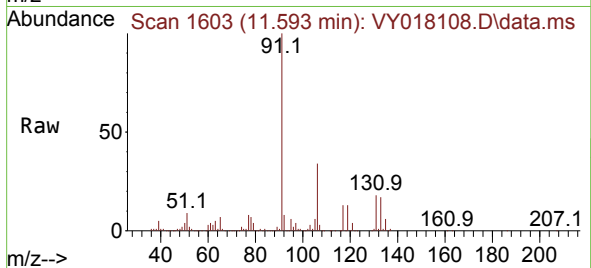
ClientSampleId :

Tgt Ion: 91 Resp: 300356

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 42.015 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018108.D

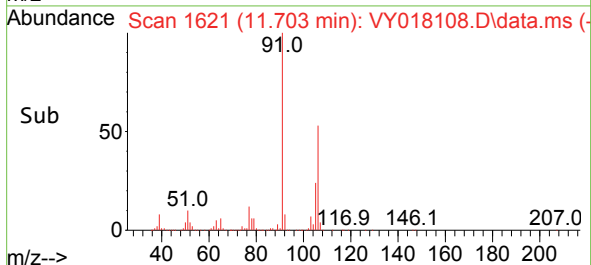
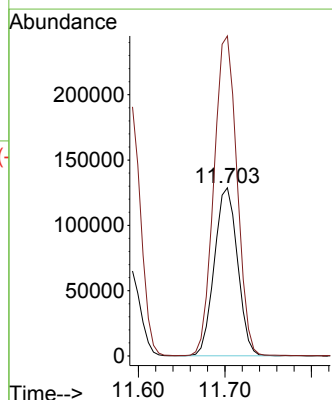
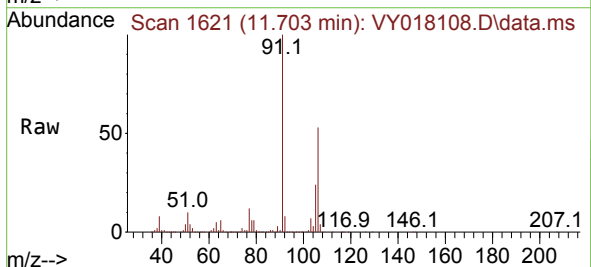
Acq: 02 May 2024 11:06

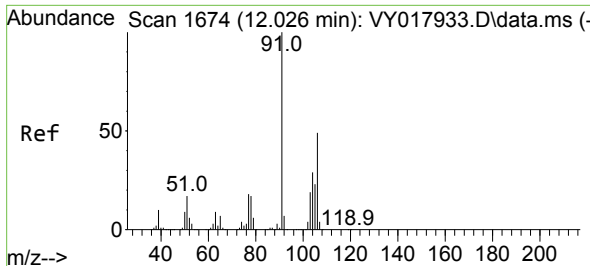
Tgt Ion:106 Resp: 239173

Ion Ratio Lower Upper

106 100

91 189.6 156.0 234.0

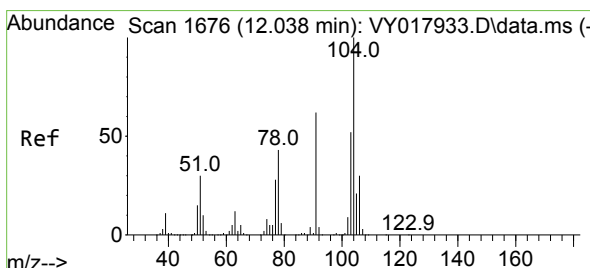
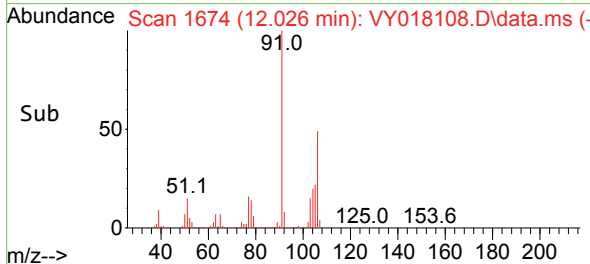
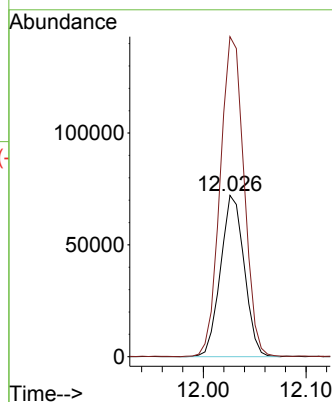
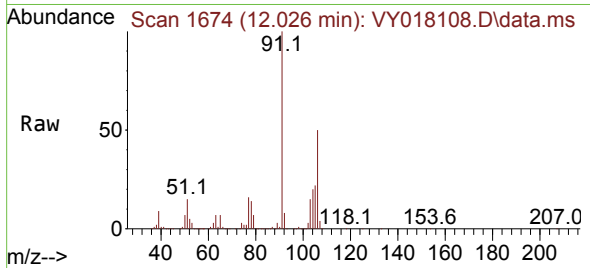




#69
o-Xylene
Concen: 21.098 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

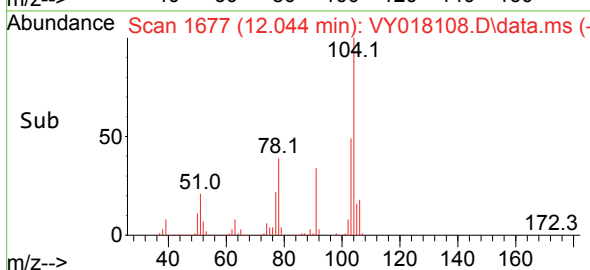
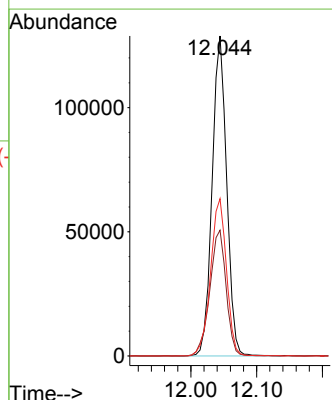
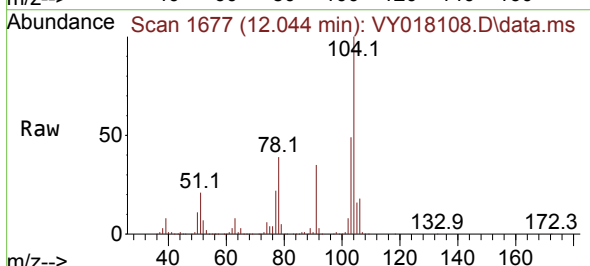
Instrument :
MSVOA_Y
ClientSampleId :

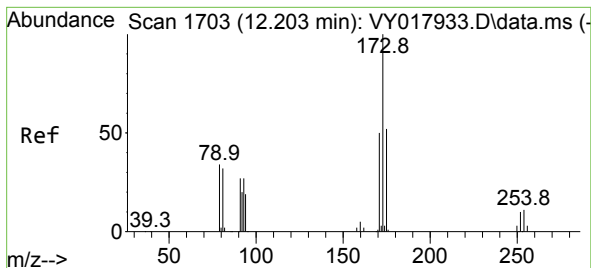
Tgt Ion:106 Resp: 115379
Ion Ratio Lower Upper
106 100
91 200.1 103.6 310.8



#70
Styrene
Concen: 21.530 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:104 Resp: 198162
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 21.167 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

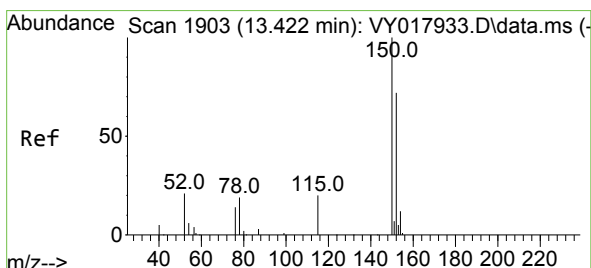
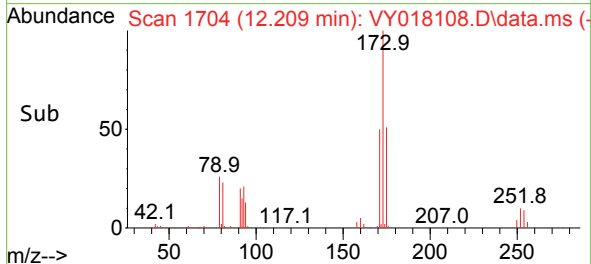
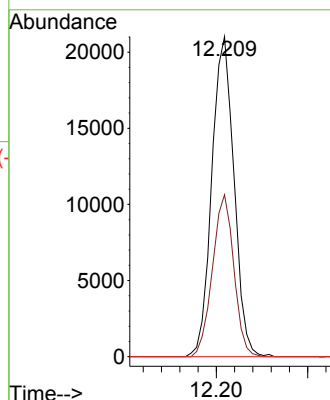
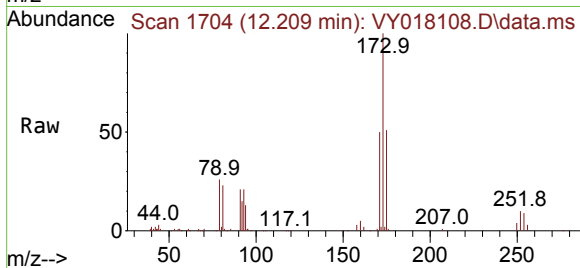
Tgt Ion:173 Resp: 35348

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

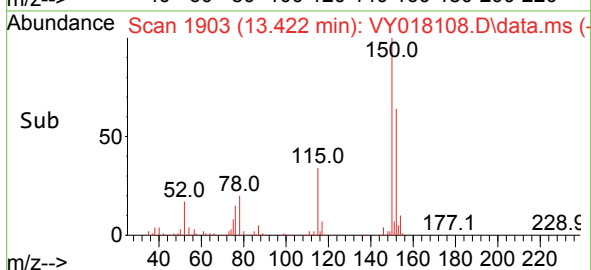
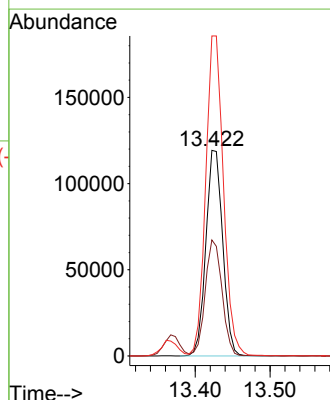
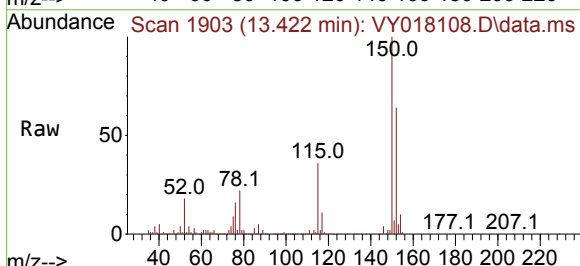
Tgt Ion:152 Resp: 186663

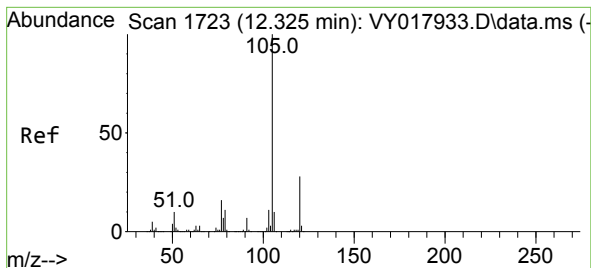
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 163.4 0.0 345.6





#73

Isopropylbenzene

Concen: 20.678 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

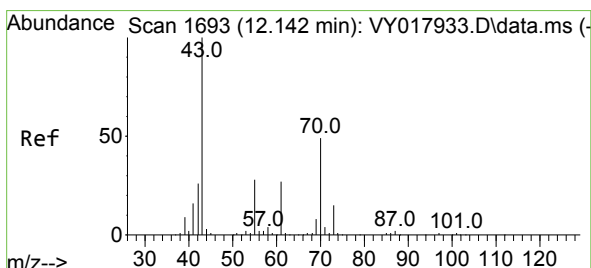
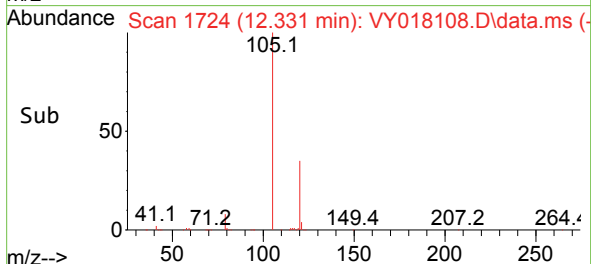
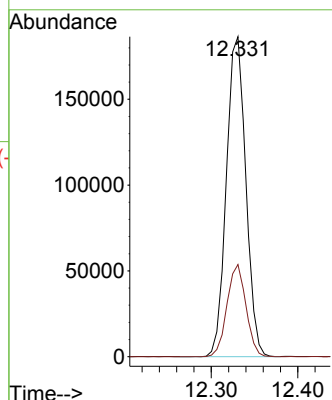
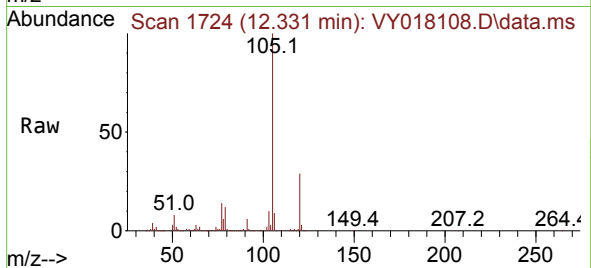
ClientSampleId :

Tgt Ion:105 Resp: 290498

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 21.980 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Tgt Ion: 43 Resp: 67775

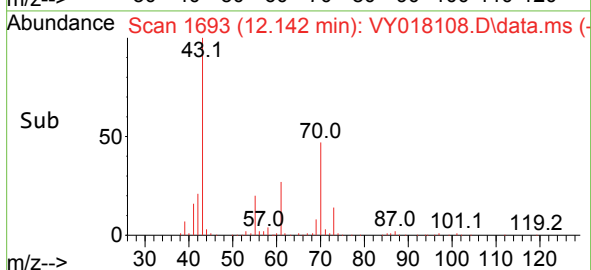
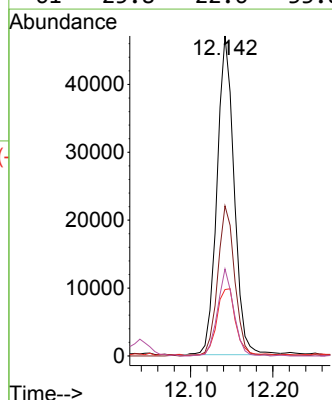
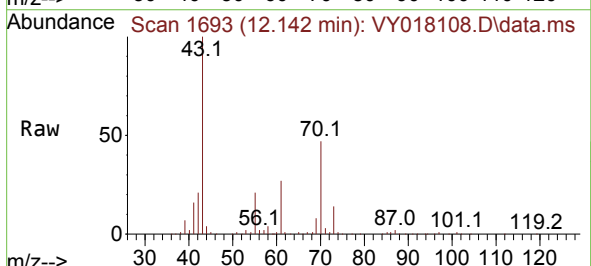
Ion Ratio Lower Upper

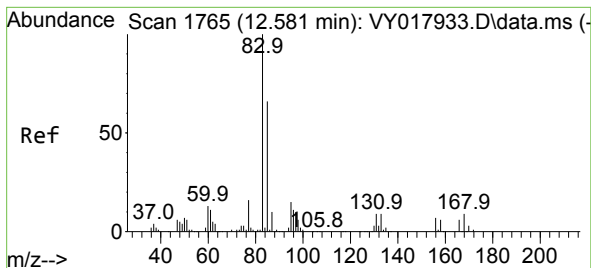
43 100

70 47.0 41.4 62.2

55 22.9 23.3 34.9

61 25.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.274 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

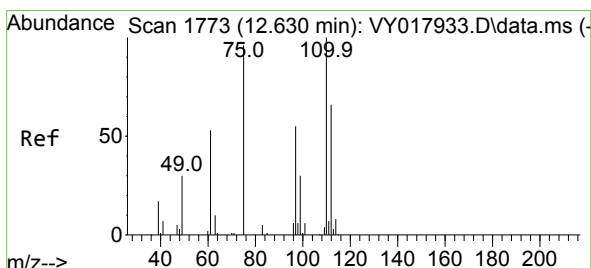
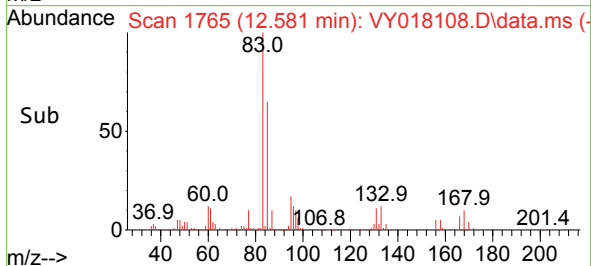
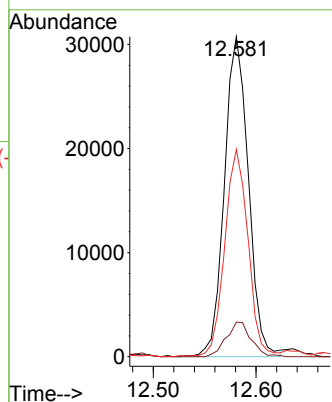
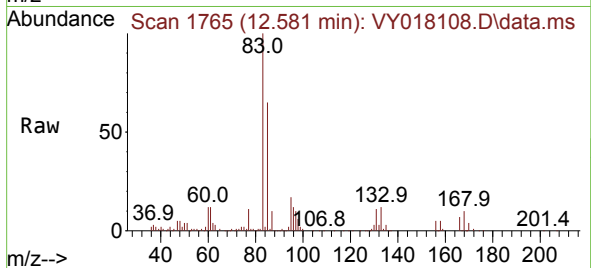
Tgt Ion: 83 Resp: 49793

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.373 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018108.D

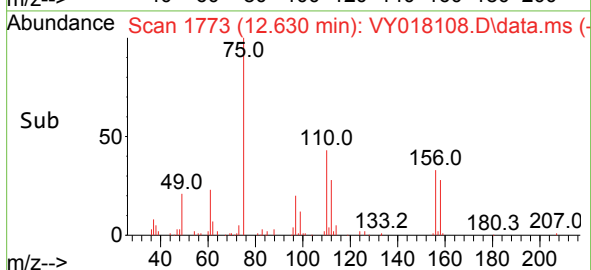
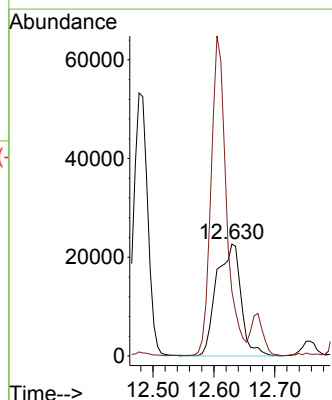
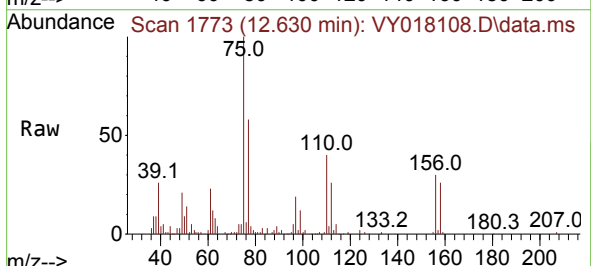
Acq: 02 May 2024 11:06

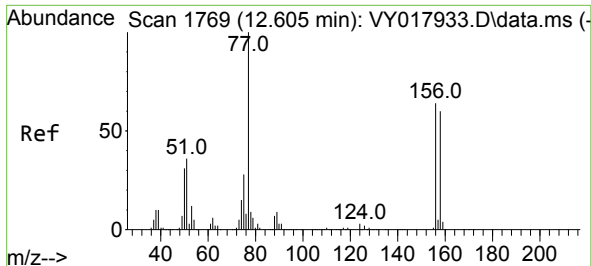
Tgt Ion: 75 Resp: 63248

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

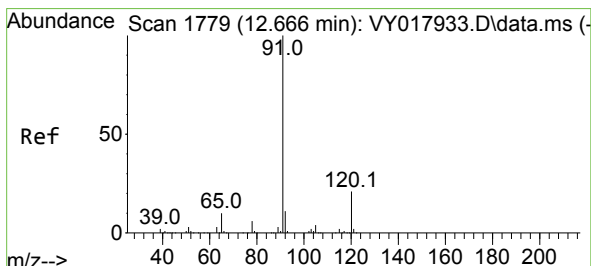
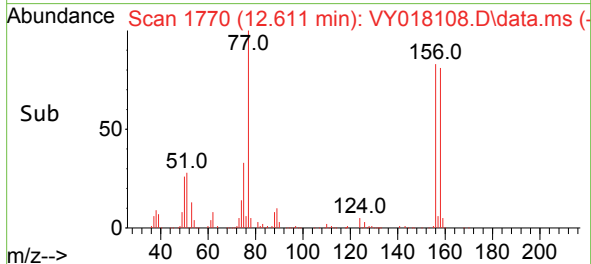
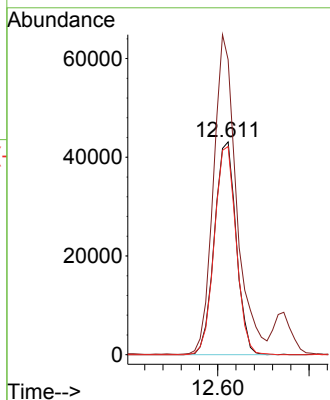
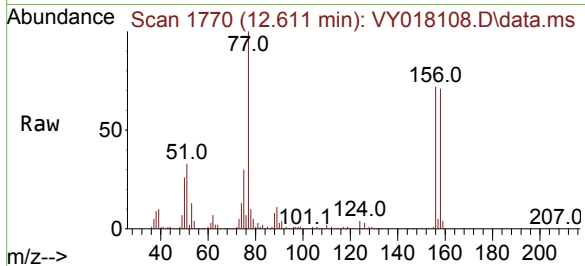




#77
Bromobenzene
Concen: 21.338 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

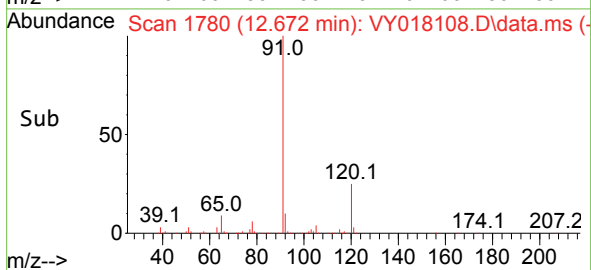
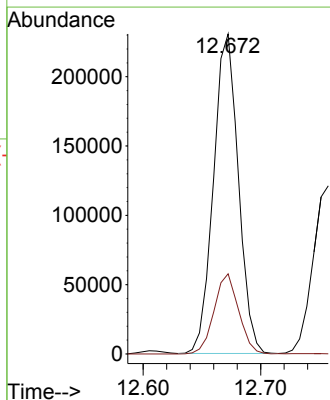
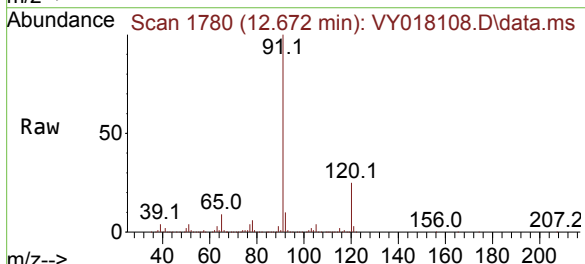
Instrument :
MSVOA_Y
ClientSampleId :

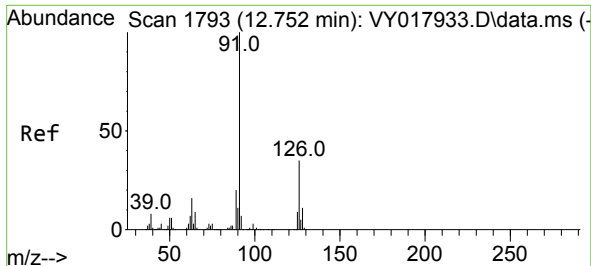
Tgt Ion:156 Resp: 71229
Ion Ratio Lower Upper
156 100
77 159.8 87.1 261.3
158 98.3 48.6 145.9



#78
n-propylbenzene
Concen: 20.967 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 91 Resp: 339204
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4

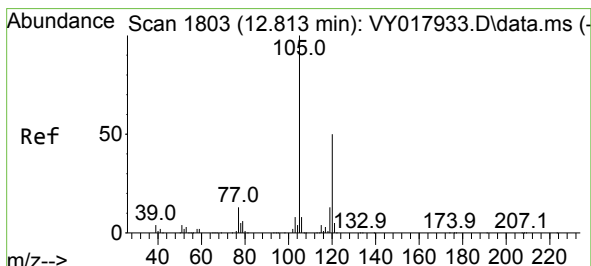
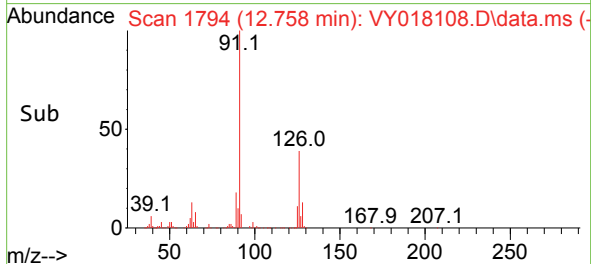
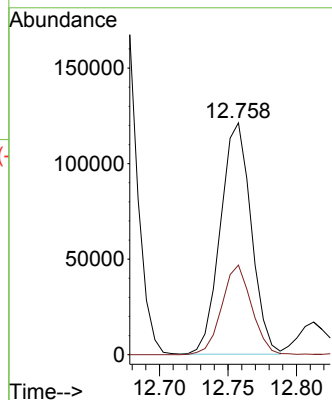
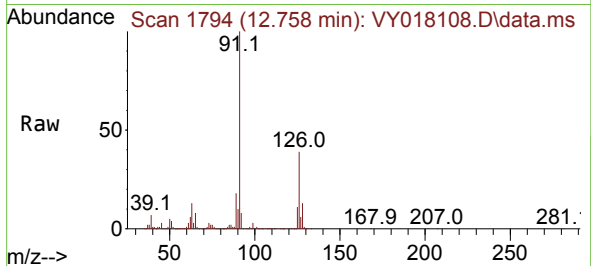




#79
2-Chlorotoluene
Concen: 20.630 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

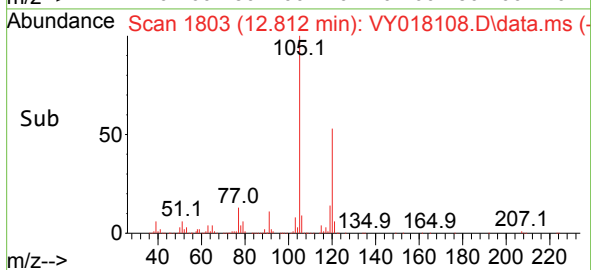
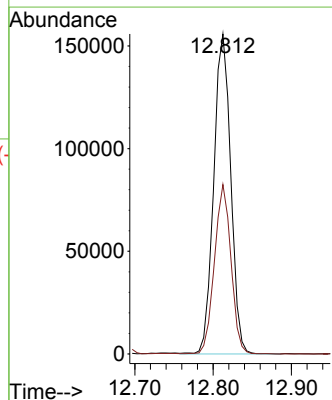
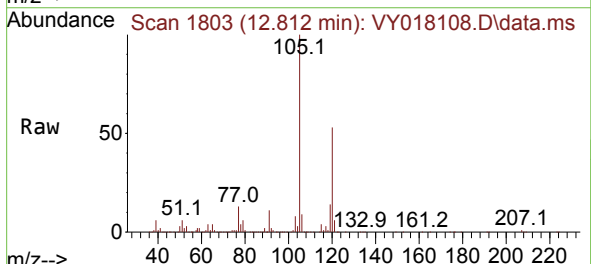
Instrument :
MSVOA_Y
ClientSampleId :

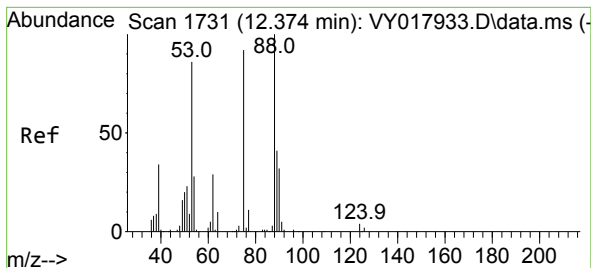
Tgt Ion: 91 Resp: 189551
Ion Ratio Lower Upper
91 100
126 37.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 105 Resp: 235156
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

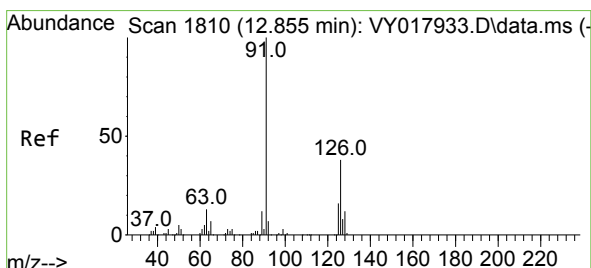
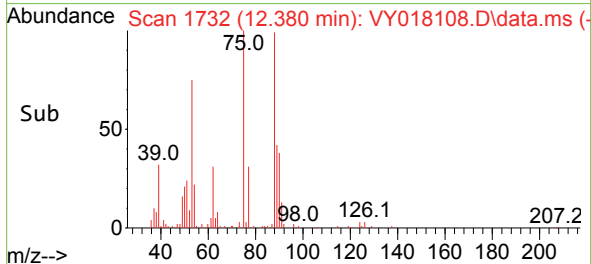
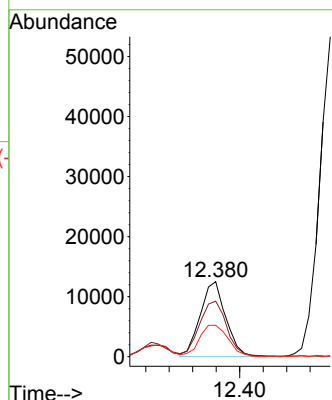
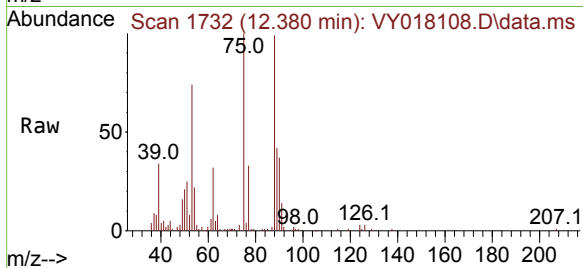




#81
trans-1,4-Dichloro-2-butene
Concen: 21.992 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

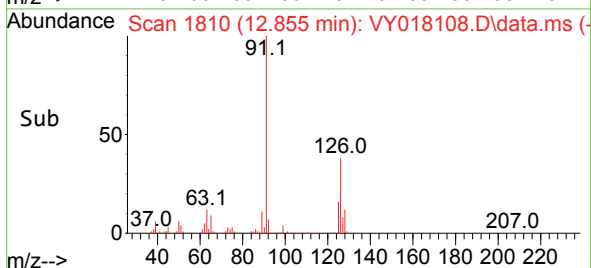
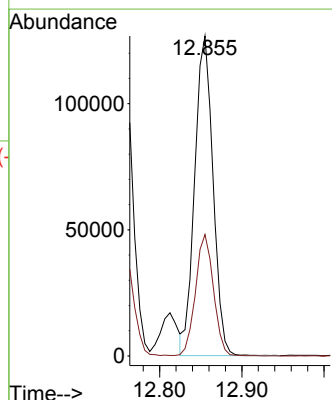
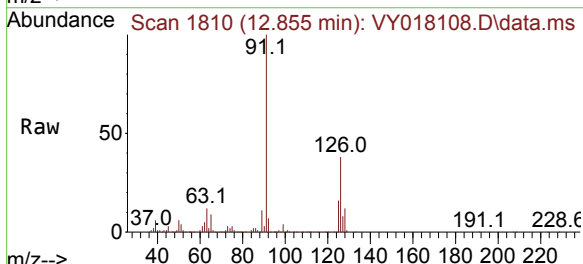
Instrument :
MSVOA_Y
ClientSampleId :

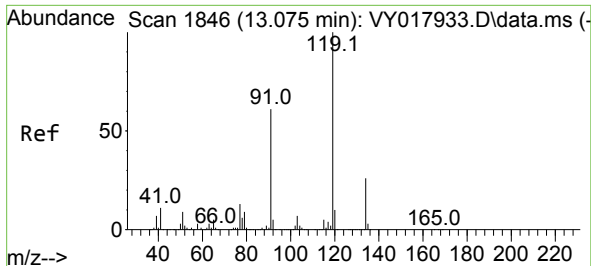
Tgt Ion: 75 Resp: 18911
Ion Ratio Lower Upper
75 100
53 77.6 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.796 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion: 91 Resp: 195793
Ion Ratio Lower Upper
91 100
126 37.5 17.6 52.9

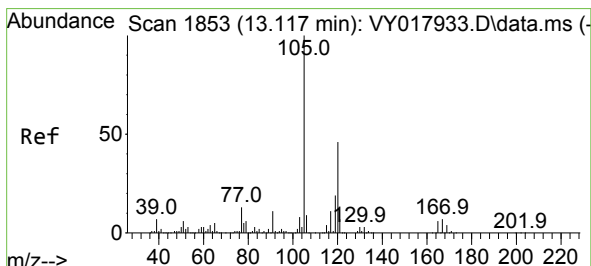
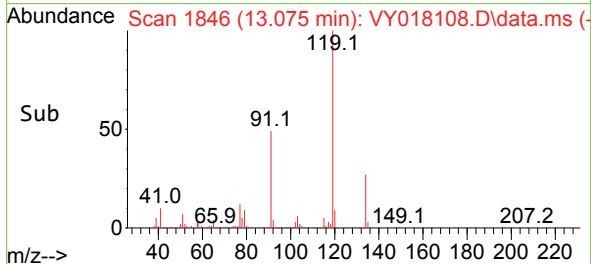
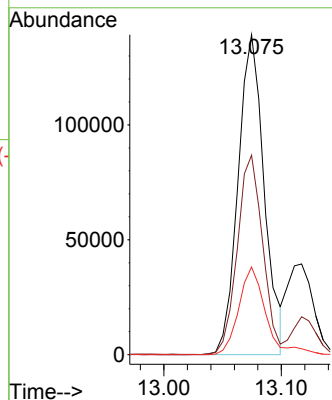
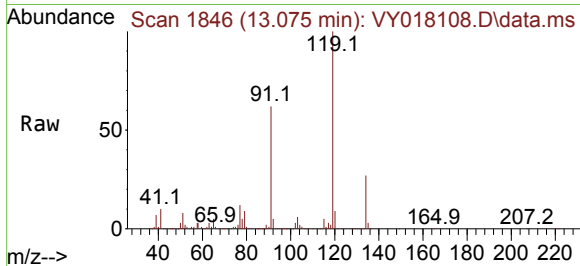




#83
tert-Butylbenzene
Concen: 20.743 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

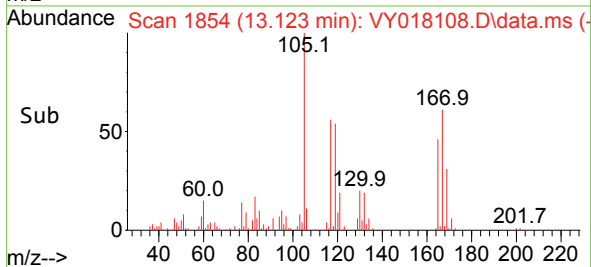
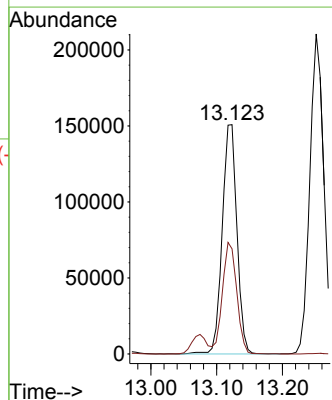
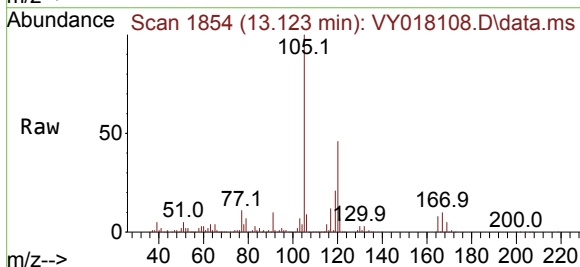
Instrument :
MSVOA_Y
ClientSampleId :

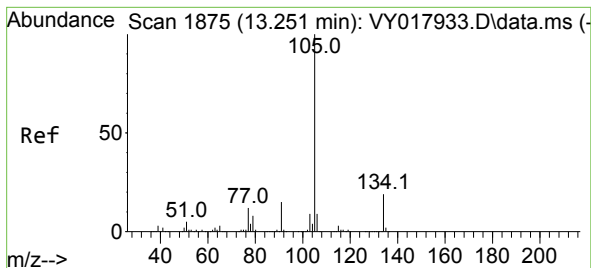
Tgt Ion:119 Resp: 215030
Ion Ratio Lower Upper
119 100
91 60.3 31.3 93.8
134 28.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.168 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:105 Resp: 234796
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.816 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

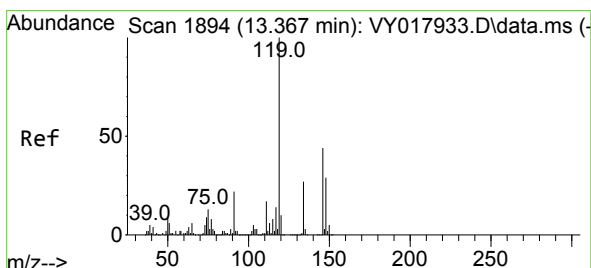
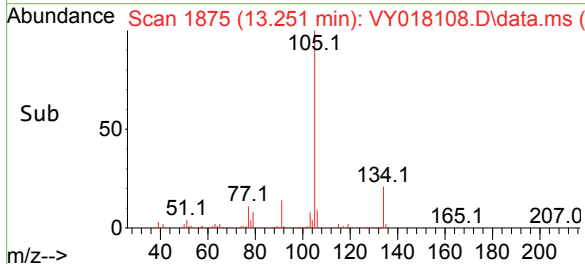
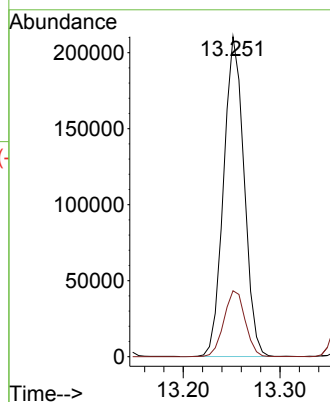
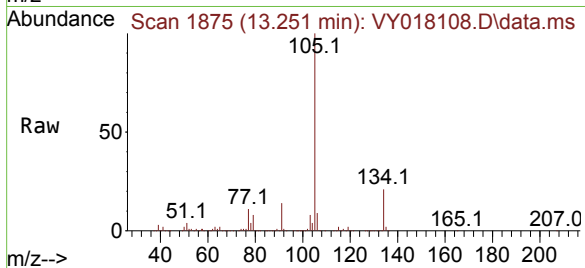
ClientSampleId :

Tgt Ion:105 Resp: 309653

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.932 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

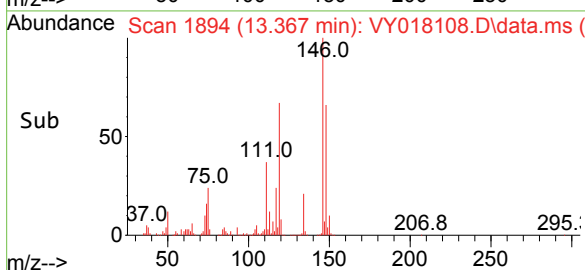
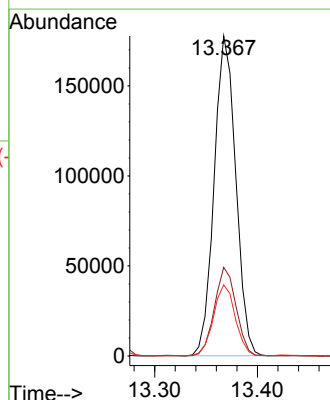
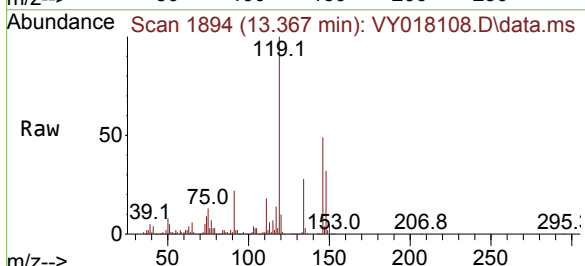
Tgt Ion:119 Resp: 259492

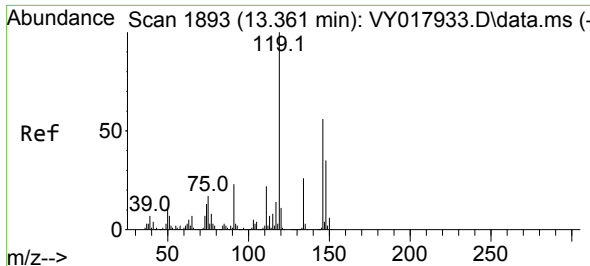
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 22.4 10.7 32.1

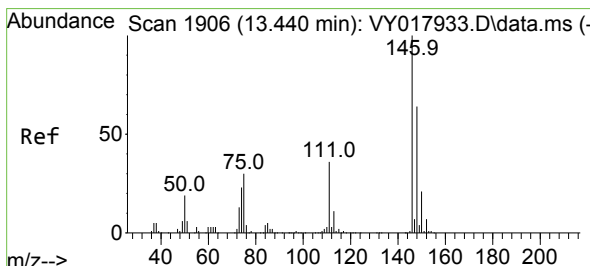
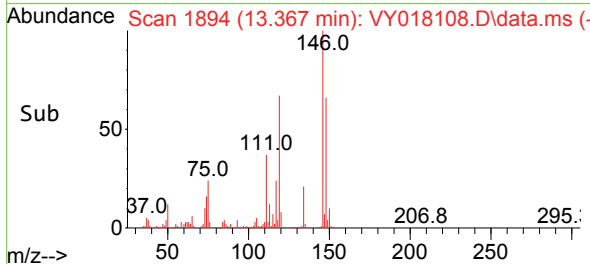
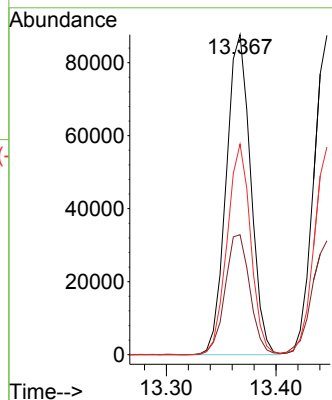
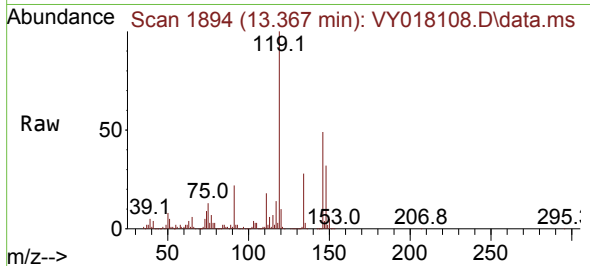




#87
1,3-Dichlorobenzene
Concen: 21.268 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

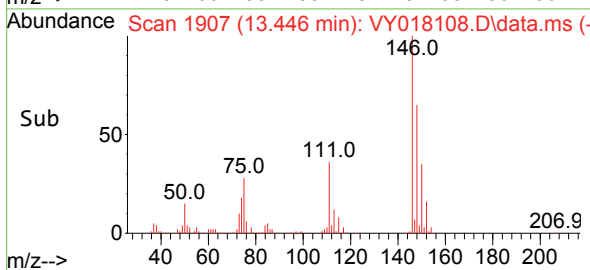
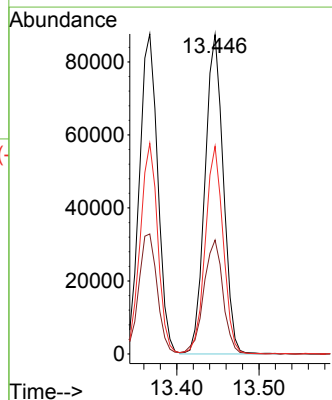
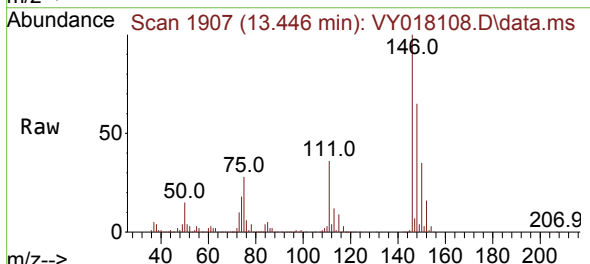
Instrument :
MSVOA_Y
ClientSampleId :

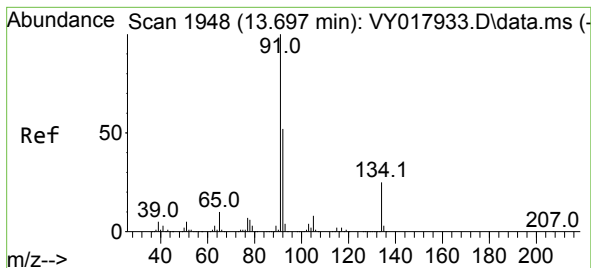
Tgt Ion:146 Resp: 135793
Ion Ratio Lower Upper
146 100
111 38.2 19.0 57.0
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 21.556 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018108.D
Acq: 02 May 2024 11:06

Tgt Ion:146 Resp: 135651
Ion Ratio Lower Upper
146 100
111 37.5 18.4 55.4
148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 21.141 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

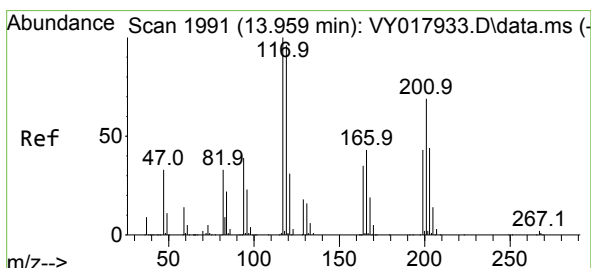
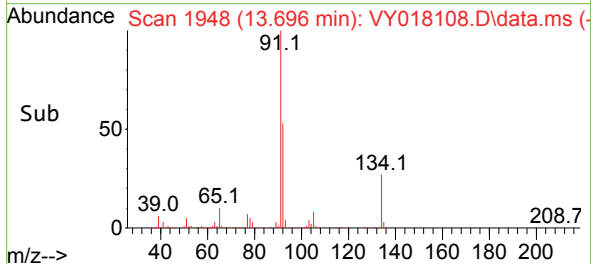
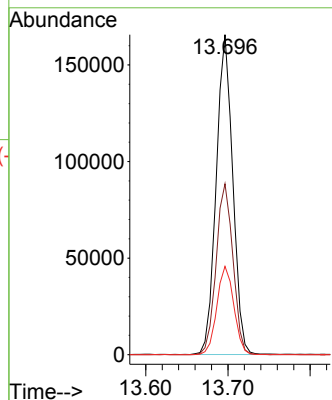
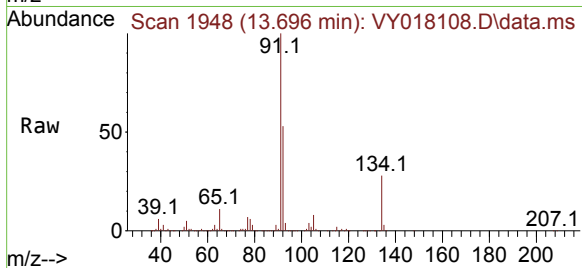
Tgt Ion: 91 Resp: 231937

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.7

134 28.4 12.9 38.7



#90

Hexachloroethane

Concen: 20.332 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018108.D

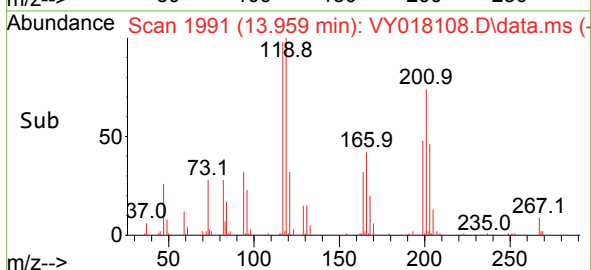
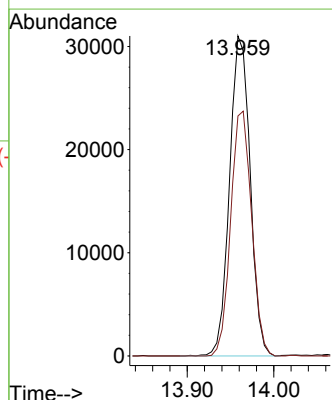
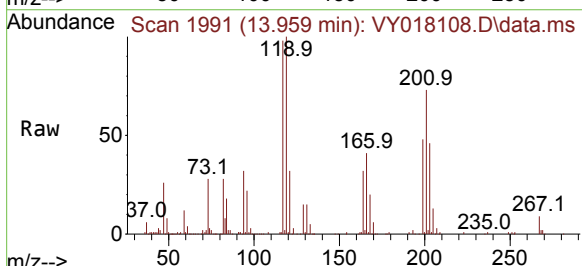
Acq: 02 May 2024 11:06

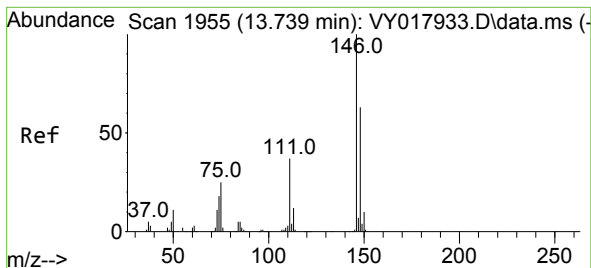
Tgt Ion: 117 Resp: 51209

Ion Ratio Lower Upper

117 100

201 77.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.491 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

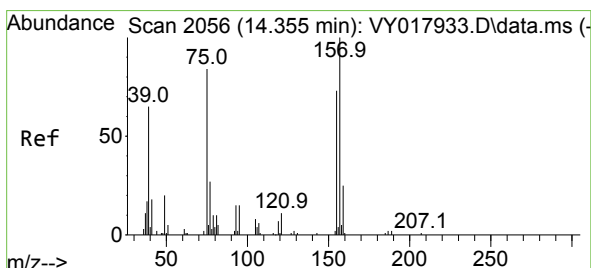
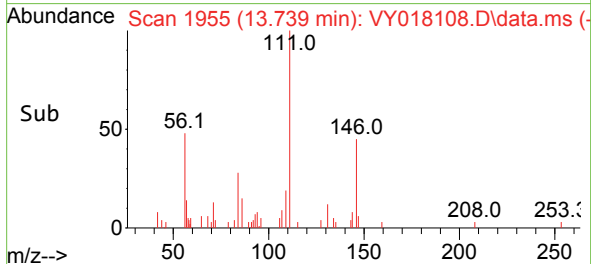
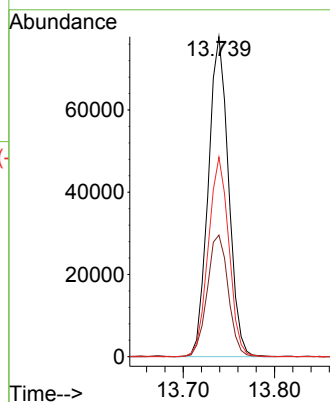
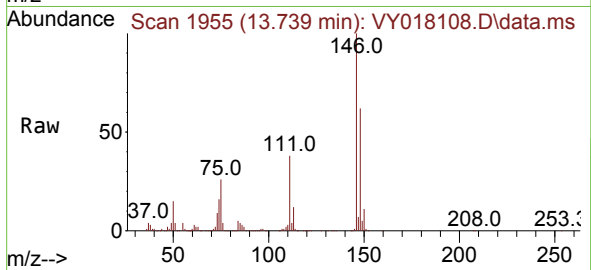
Tgt Ion:146 Resp: 119564

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.619 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

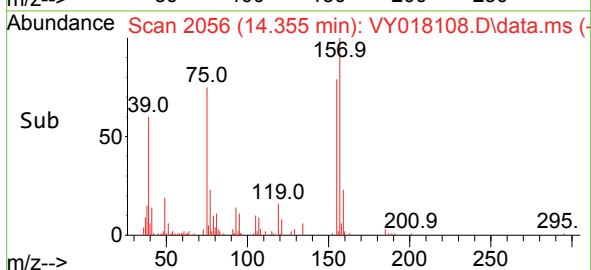
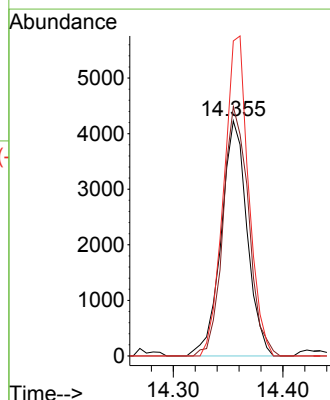
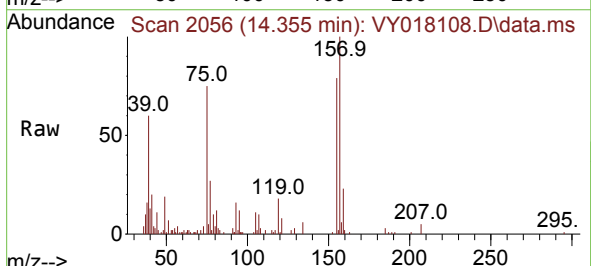
Tgt Ion: 75 Resp: 6953

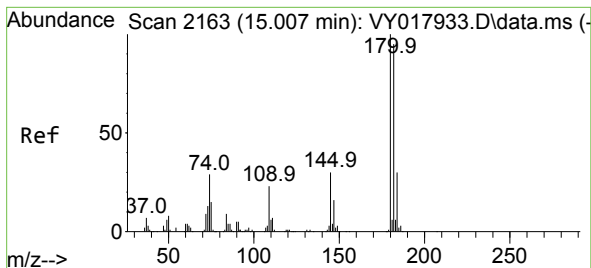
Ion Ratio Lower Upper

75 100

155 104.4 48.6 145.8

157 129.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.202 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

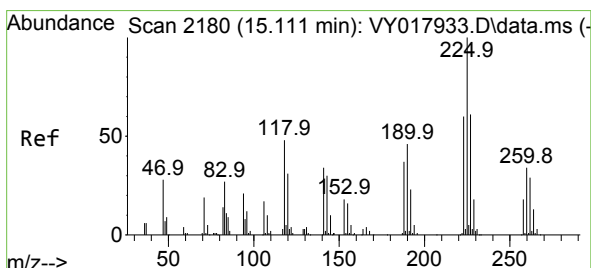
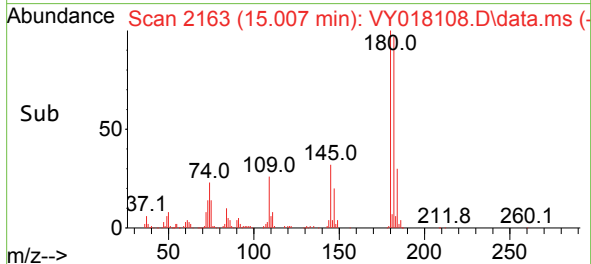
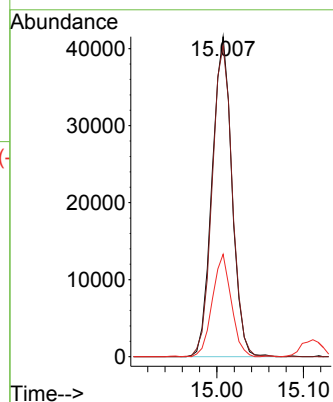
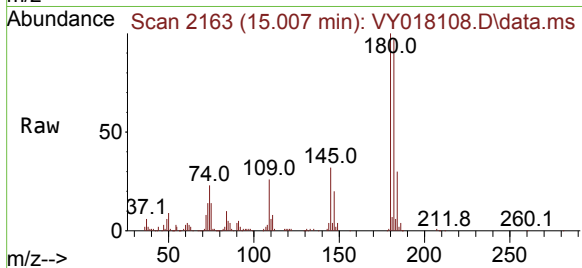
Tgt Ion:180 Resp: 65926

Ion Ratio Lower Upper

180 100

182 98.5 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.627 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

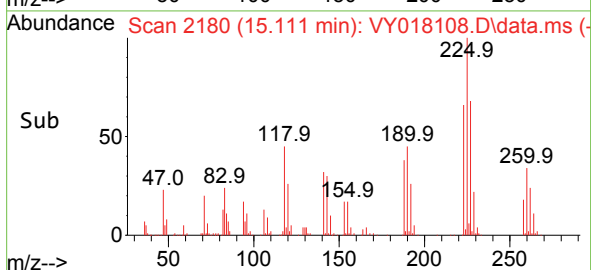
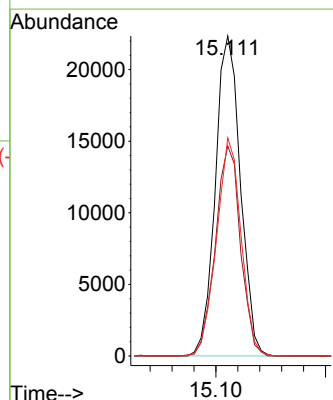
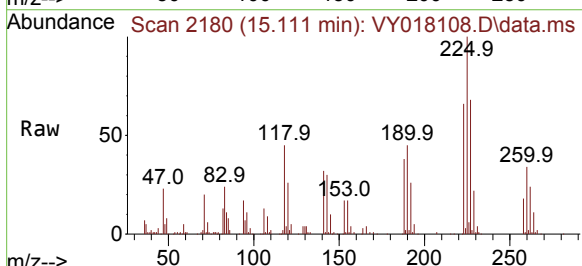
Tgt Ion:225 Resp: 35503

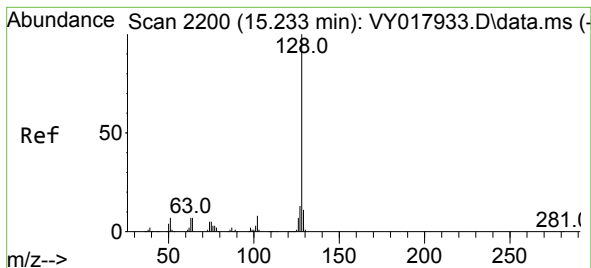
Ion Ratio Lower Upper

225 100

223 65.6 30.4 91.2

227 66.8 31.9 95.9





#95

Naphthalene

Concen: 22.148 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

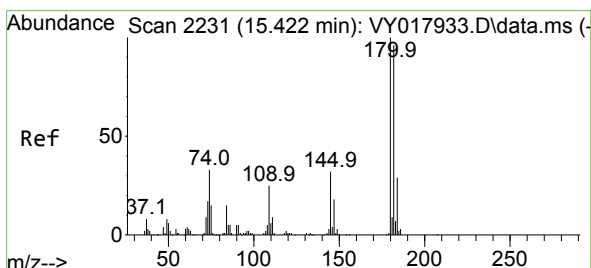
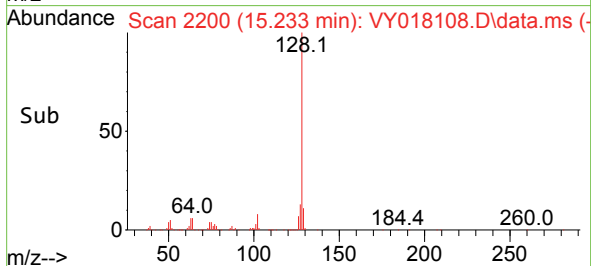
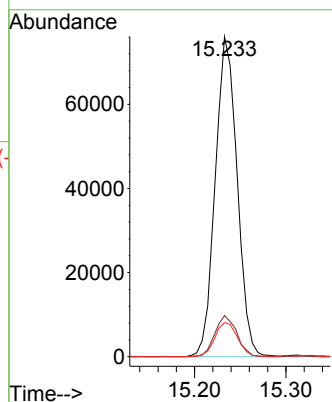
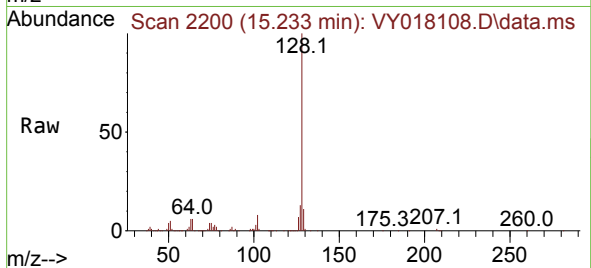
Tgt Ion:128 Resp: 126801

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.316 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018108.D

Acq: 02 May 2024 11:06

Tgt Ion:180 Resp: 57901

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 30.8 15.4 46.1

