

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018161.D
 Acq On : 06 May 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 01:14:30 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	246079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85839	44.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.500%
35) Dibromofluoromethane	7.710	113	105183	44.707	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.420%
50) Toluene-d8	10.179	98	411491	44.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.483	95	128100	40.527	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	96109	48.928	ug/l	100
3) Chloromethane	2.113	50	137543	53.590	ug/l	98
4) Vinyl Chloride	2.247	62	160500	57.799	ug/l	97
5) Bromomethane	2.650	94	113119	65.997	ug/l	99
6) Chloroethane	2.790	64	104160	60.230	ug/l	99
7) Trichlorofluoromethane	3.119	101	185285	50.119	ug/l	96
8) Diethyl Ether	3.521	74	60493	50.962	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	116792	50.623	ug/l	97
10) Methyl Iodide	4.082	142	155075	50.714	ug/l	98
11) Tert butyl alcohol	4.942	59	35088	221.952	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	122149	51.921	ug/l	94
13) Acrolein	3.723	56	40595	172.527	ug/l	96
14) Allyl chloride	4.466	41	162947	52.387	ug/l	97
15) Acrylonitrile	5.149	53	114107	255.920	ug/l	99
16) Acetone	3.936	43	88036	238.245	ug/l	92
17) Carbon Disulfide	4.186	76	365241	51.993	ug/l	99
18) Methyl Acetate	4.472	43	45464	48.041	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	256297	47.475	ug/l	99
20) Methylene Chloride	4.710	84	130809	50.518	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	133573	53.409	ug/l	94
22) Diisopropyl ether	6.106	45	322316	50.313	ug/l	96
23) Vinyl Acetate	6.051	43	963581	237.152	ug/l	99
24) 1,1-Dichloroethane	6.009	63	204955	52.983	ug/l	99
25) 2-Butanone	6.978	43	129883	225.935	ug/l	100
26) 2,2-Dichloropropane	6.972	77	182967	50.575	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	155992	52.302	ug/l	96
28) Bromochloromethane	7.326	49	69195	44.262	ug/l	93
29) Tetrahydrofuran	7.338	42	83506	228.496	ug/l	97
30) Chloroform	7.502	83	213967	52.271	ug/l	99
31) Cyclohexane	7.783	56	182285	49.046	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	186079	49.804	ug/l	98
36) 1,1-Dichloropropene	7.911	75	156313	49.773	ug/l	98
37) Ethyl Acetate	7.069	43	60336	44.148	ug/l #	97
38) Carbon Tetrachloride	7.893	117	167452	46.977	ug/l	100
39) Methylcyclohexane	9.179	83	221693	48.061	ug/l	97
40) Benzene	8.155	78	508529	50.392	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	42023	52.141	ug/l #	15
42) 1,2-Dichloroethane	8.228	62	107296	45.894	ug/l	97
43) Isopropyl Acetate	8.270	43	120567	41.991	ug/l	97
44) Trichloroethene	8.935	130	137870	48.176	ug/l	98
45) 1,2-Dichloropropane	9.215	63	110416	50.149	ug/l	97
46) Dibromomethane	9.301	93	60316	45.057	ug/l	94
47) Bromodichloromethane	9.496	83	154895	47.132	ug/l	97
48) Methyl methacrylate	9.289	41	54665	41.592	ug/l	93
49) 1,4-Dioxane	9.289	88	14932	1005.400	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	295256	210.547	ug/l	96
52) Toluene	10.240	92	325233	48.696	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	142749	44.955	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	177541	47.592	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	82727	45.947	ug/l	96
56) Ethyl methacrylate	10.508	69	109199	42.897	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	135174	46.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	268938	226.317	ug/l	94
59) 2-Hexanone	10.831	43	206597	206.416	ug/l	96
60) Dibromochloromethane	10.983	129	109655	44.840	ug/l	99
61) 1,2-Dibromoethane	11.087	107	77197	44.744	ug/l	99
64) Tetrachloroethene	10.721	164	117683	45.876	ug/l	99
65) Chlorobenzene	11.514	112	358890	47.980	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	114203	45.388	ug/l	98
67) Ethyl Benzene	11.593	91	603891	48.143	ug/l	95
68) m/p-Xylenes	11.703	106	485738	96.642	ug/l	95
69) o-Xylene	12.032	106	233152	48.287	ug/l	93
70) Styrene	12.044	104	383363	47.174	ug/l	98
71) Bromoform	12.209	173	60682	41.155	ug/l #	98
73) Isopropylbenzene	12.331	105	583977	49.817	ug/l	97
74) N-amyl acetate	12.142	43	109463	42.545	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	84434	45.266	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	106498	81.472	ug/l #	100
77) Bromobenzene	12.611	156	136425	48.978	ug/l	90
78) n-propylbenzene	12.672	91	684437	50.703	ug/l	97
79) 2-Chlorotoluene	12.757	91	372449	48.581	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	463771	49.088	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31048	43.271	ug/l	98
82) 4-Chlorotoluene	12.855	91	377113	48.003	ug/l	96
83) tert-Butylbenzene	13.075	119	428173	49.502	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	453766	49.027	ug/l	97
85) sec-Butylbenzene	13.251	105	621167	50.044	ug/l	97
86) p-Isopropyltoluene	13.367	119	520487	50.317	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	259691	48.745	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	253637	48.304	ug/l	99
89) n-Butylbenzene	13.696	91	467855	51.108	ug/l	98
90) Hexachloroethane	13.958	117	101551	48.321	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	222798	47.993	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11074	39.357	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	127188	49.022	ug/l	99
94) Hexachlorobutadiene	15.111	225	72958	50.801	ug/l	99
95) Naphthalene	15.239	128	218411	45.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	103063	47.605	ug/l	99

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

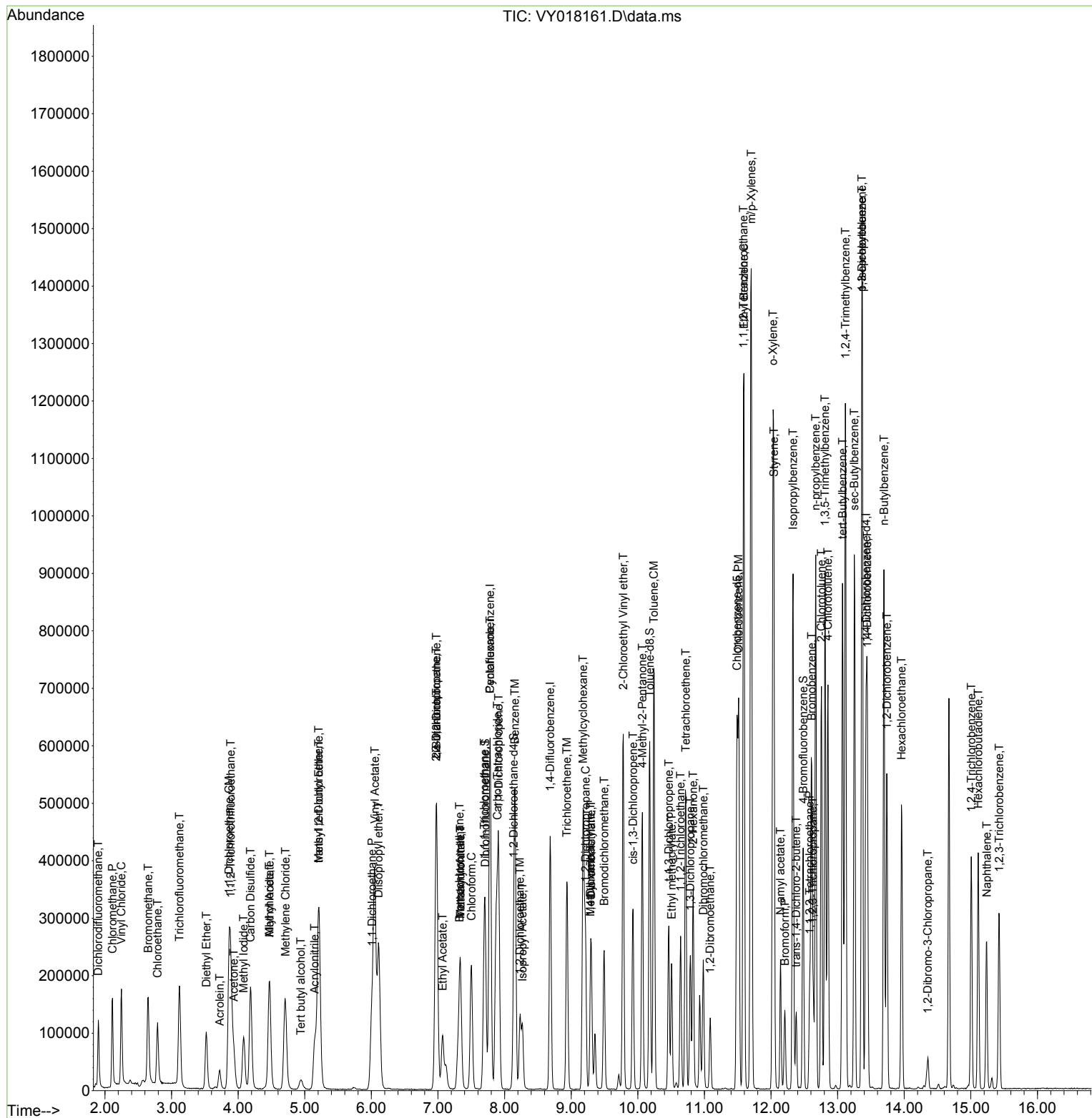
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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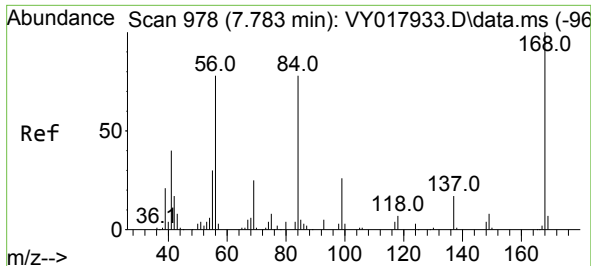
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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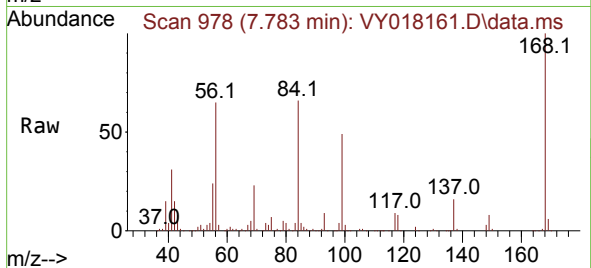
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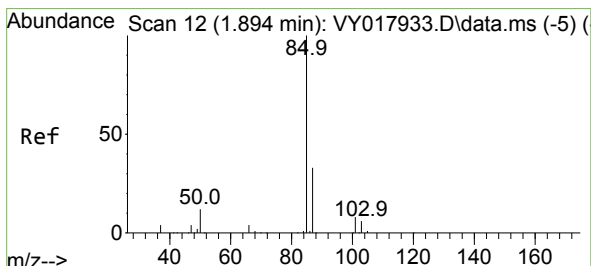
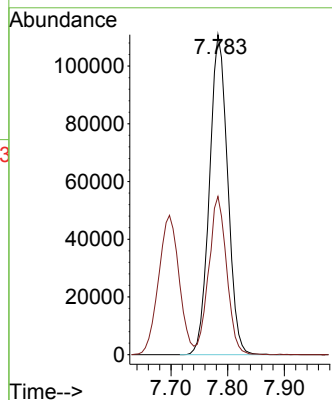
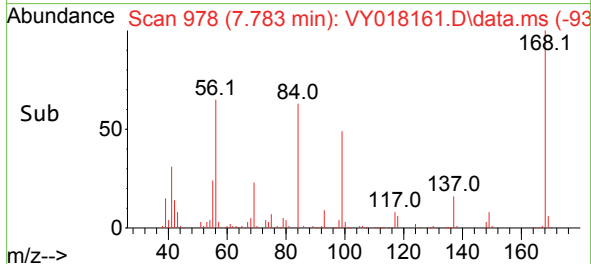


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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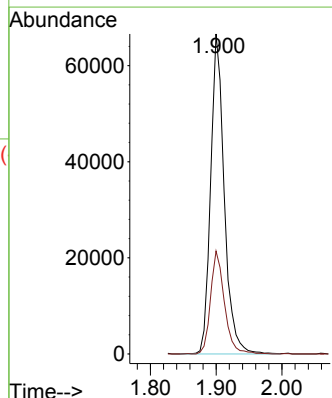
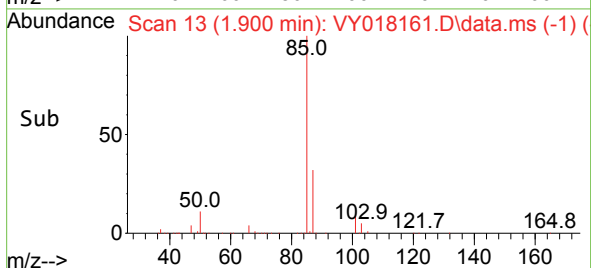
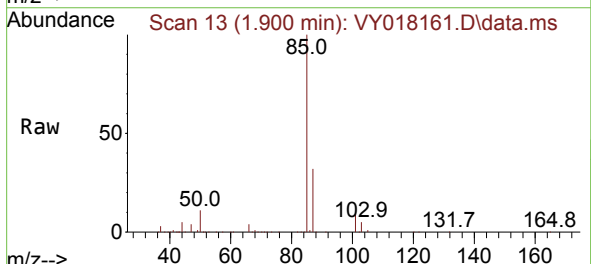


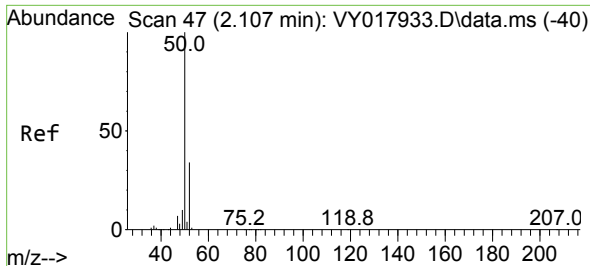
Tgt Ion:168 Resp: 246079
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.928 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 85 Resp: 96109
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

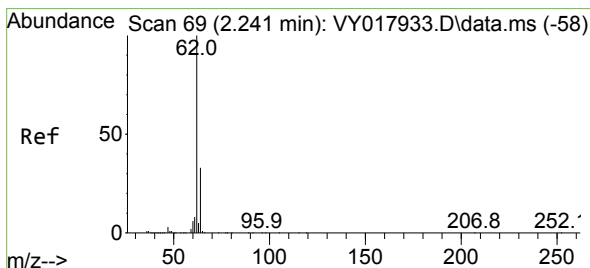
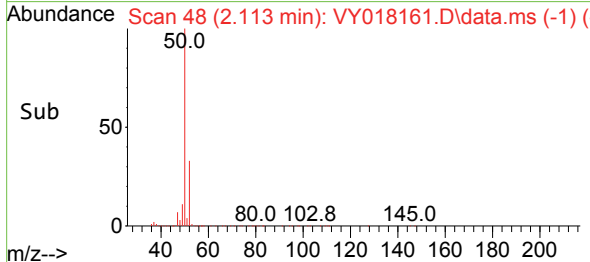
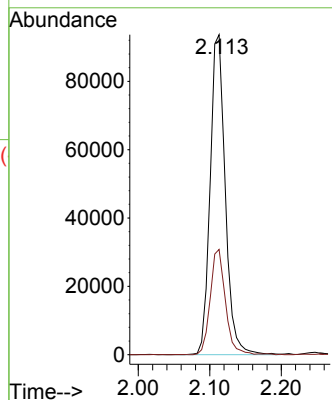
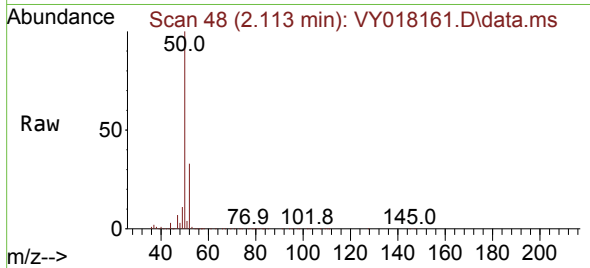




#3
Chloromethane
Concen: 53.590 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

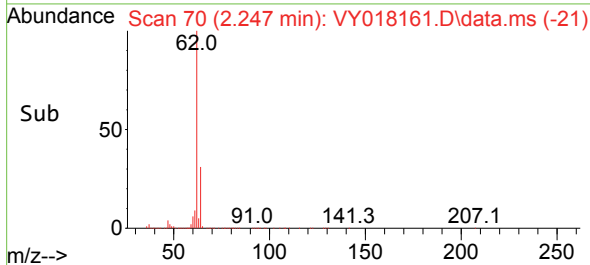
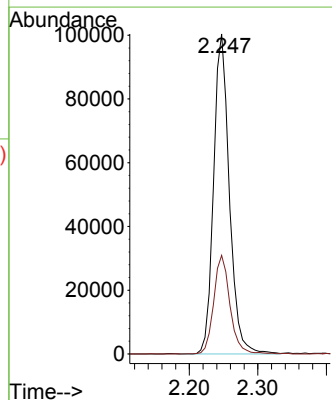
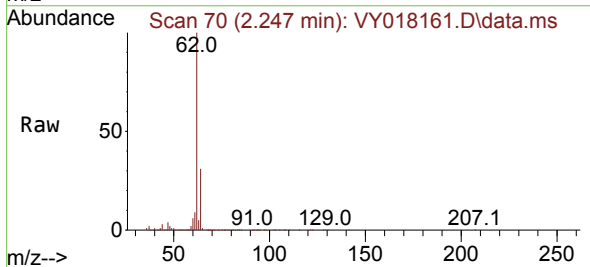
Instrument :
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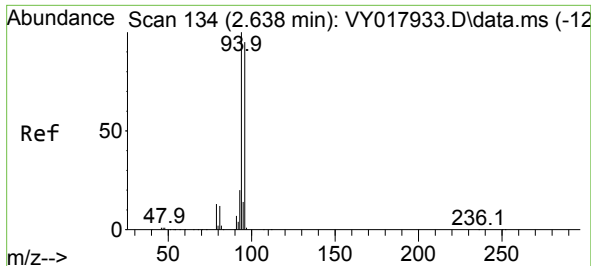
Tgt Ion: 50 Resp: 137543
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 57.799 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 62 Resp: 160500
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

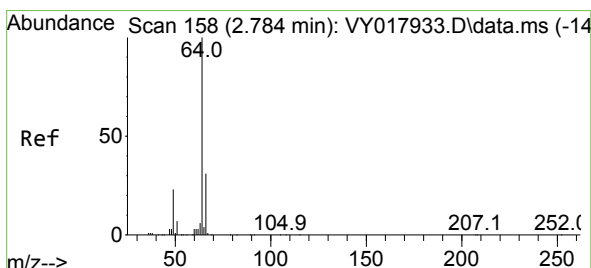
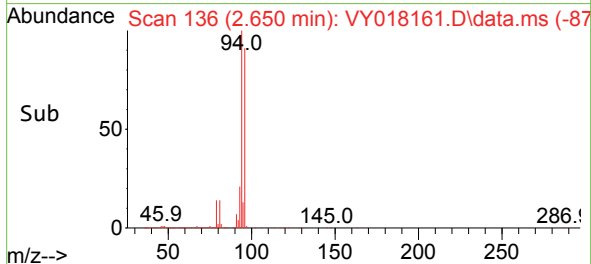
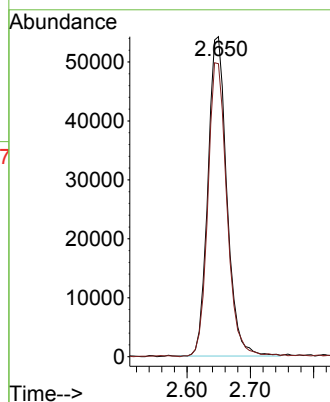
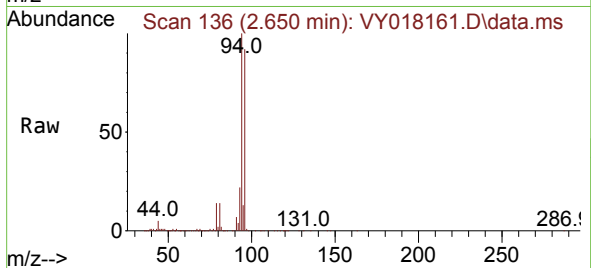




#5
Bromomethane
Concen: 65.997 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018161.D
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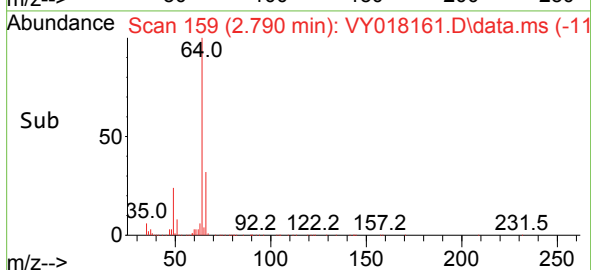
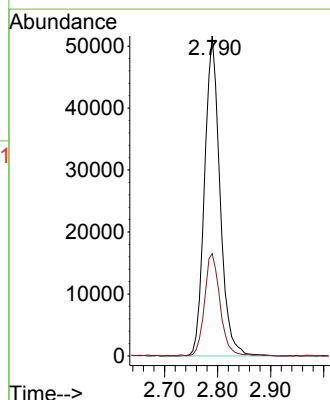
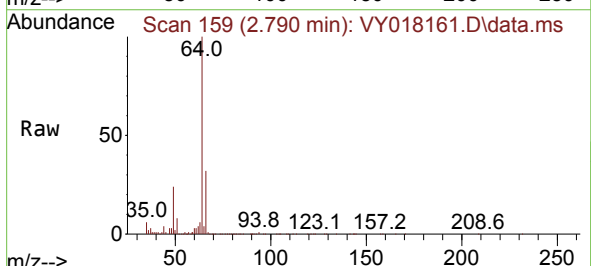
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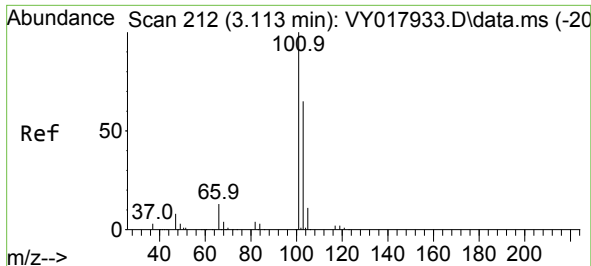
Tgt Ion: 94 Resp: 113119
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 60.230 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 64 Resp: 104160
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

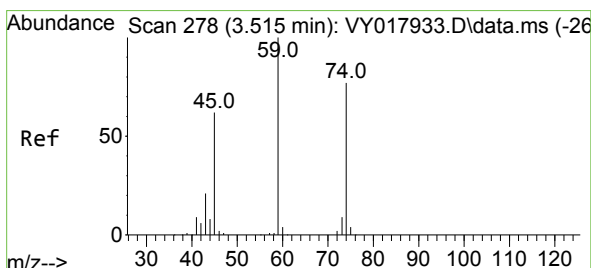
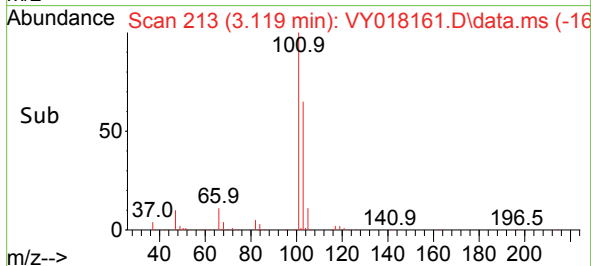
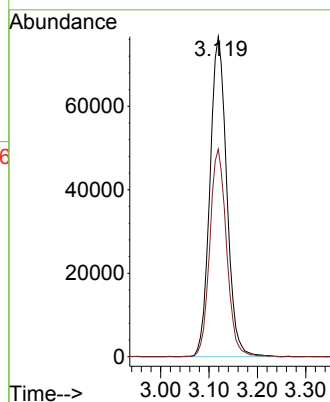
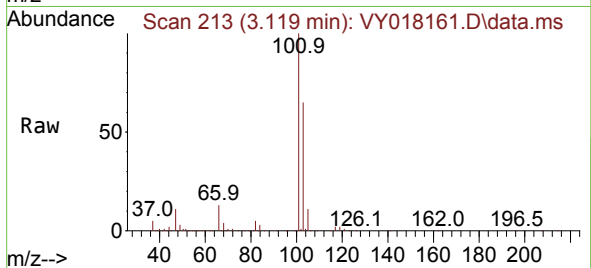




#7
 Trichlorofluoromethane
 Concen: 50.119 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018161.D
 Acq: 06 May 2024 16:56

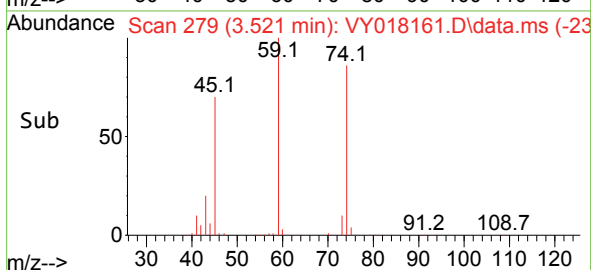
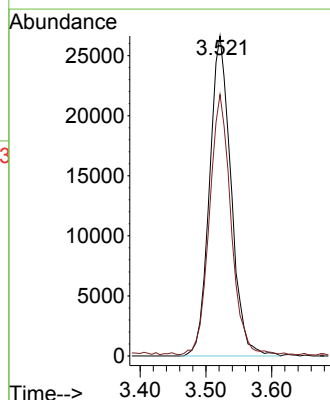
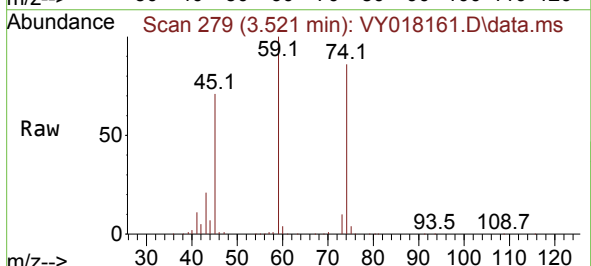
Instrument :
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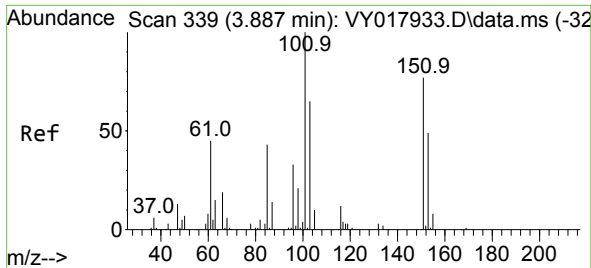
Tgt Ion:101 Resp: 185285
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.962 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 60493
 Ion Ratio Lower Upper
 74 100
 45 81.5 41.3 124.1

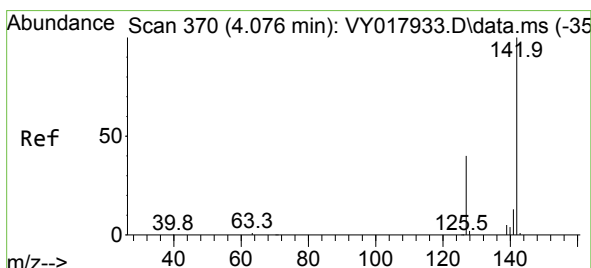
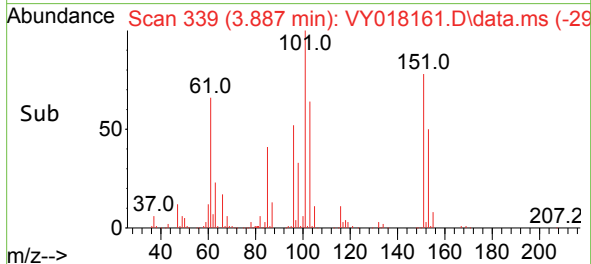
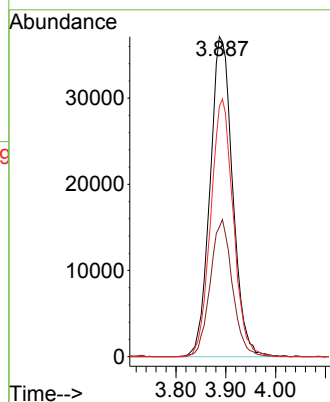
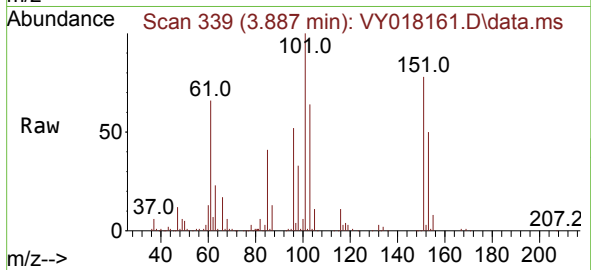




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.623 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

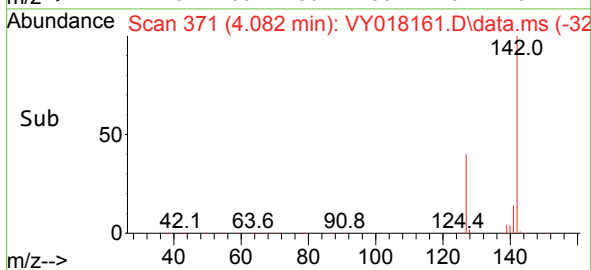
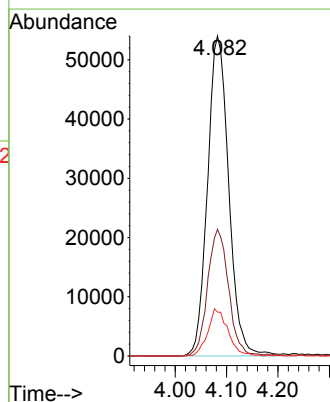
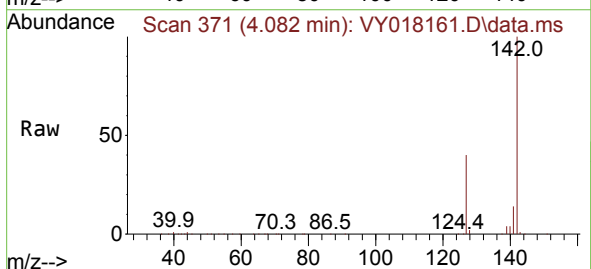
Instrument :
MSVOA_Y
ClientSampleId :

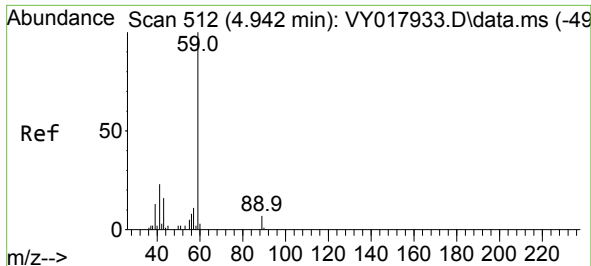
Tgt Ion:101 Resp: 116792
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 80.4 61.7 92.5



#10
Methyl Iodide
Concen: 50.714 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion:142 Resp: 155075
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.0 11.4 17.2

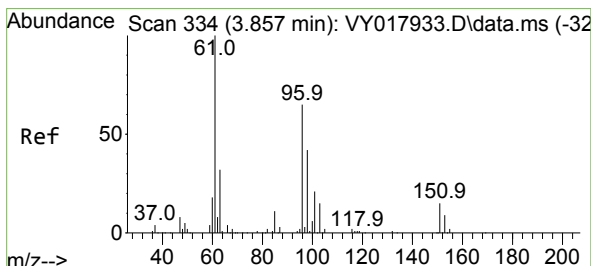
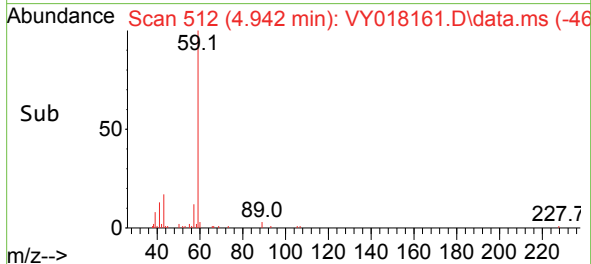
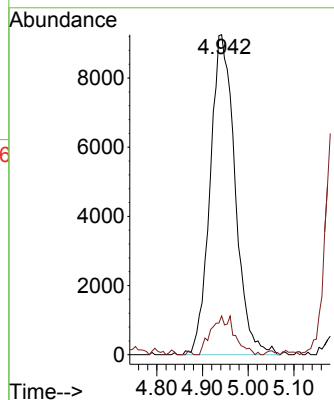
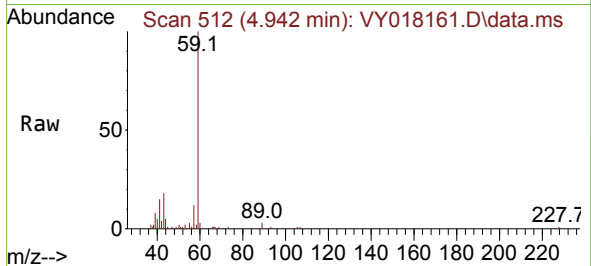




#11
Tert butyl alcohol
Concen: 221.952 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

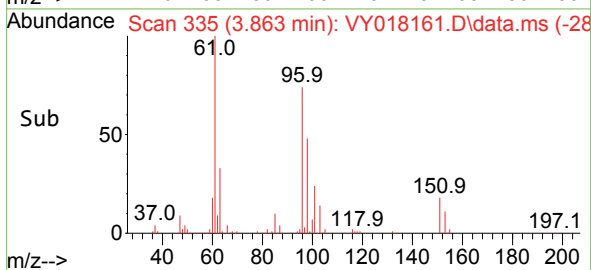
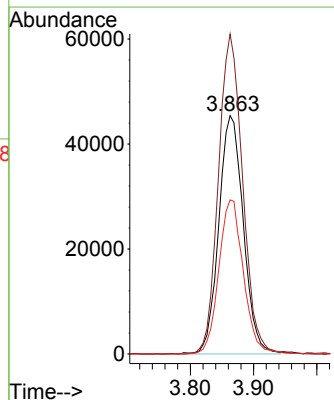
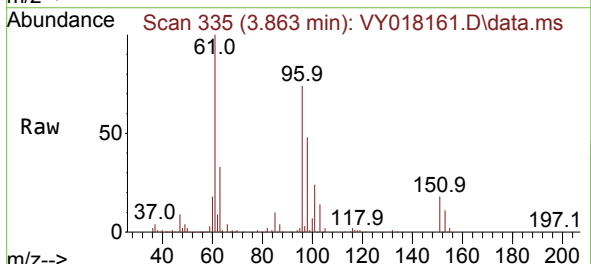
Instrument :
MSVOA_Y
ClientSampleId :

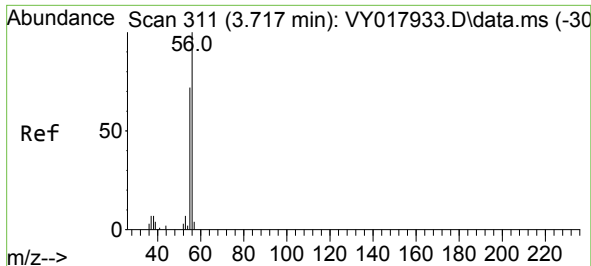
Tgt Ion: 59 Resp: 35088
Ion Ratio Lower Upper
59 100
57 11.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.921 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 96 Resp: 122149
Ion Ratio Lower Upper
96 100
61 134.1 114.6 171.8
98 64.7 50.8 76.2





#13

Acrolein

Concen: 172.527 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

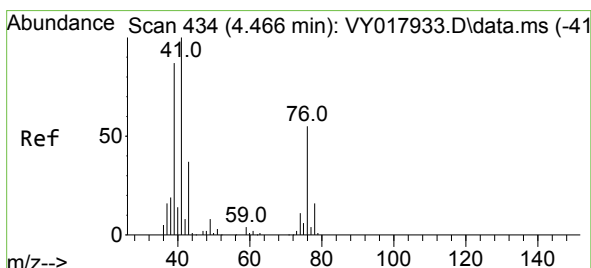
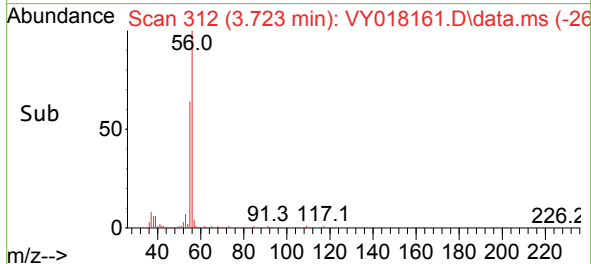
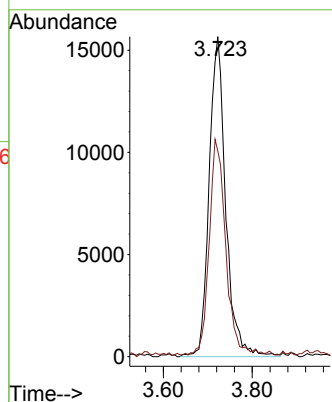
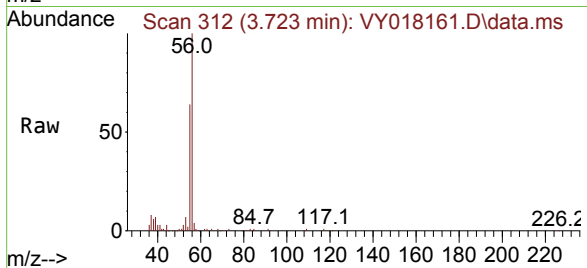
ClientSampleId :

Tgt Ion: 56 Resp: 40595

Ion Ratio Lower Upper

56 100

55 66.3 55.7 83.5



#14

Allyl chloride

Concen: 52.387 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

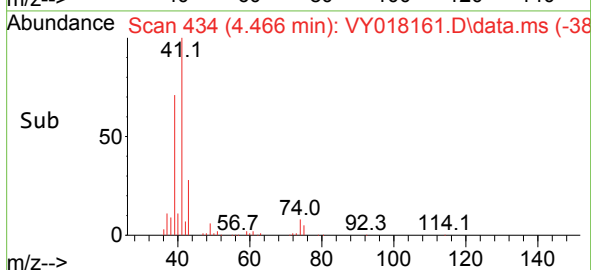
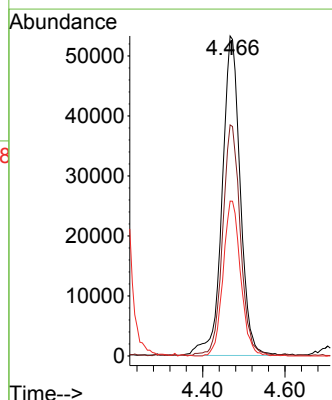
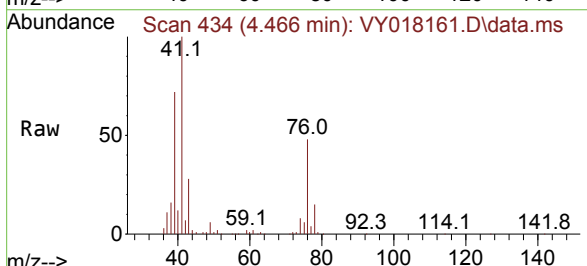
Tgt Ion: 41 Resp: 162947

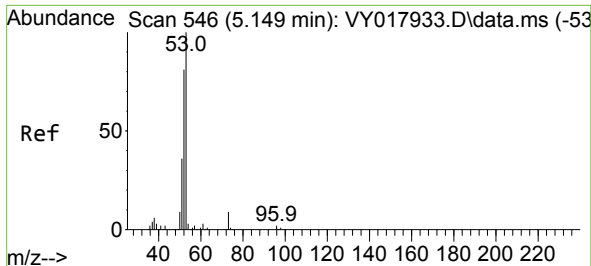
Ion Ratio Lower Upper

41 100

39 70.6 58.3 87.5

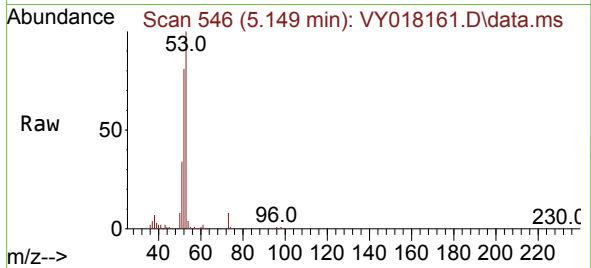
76 47.1 39.0 58.6



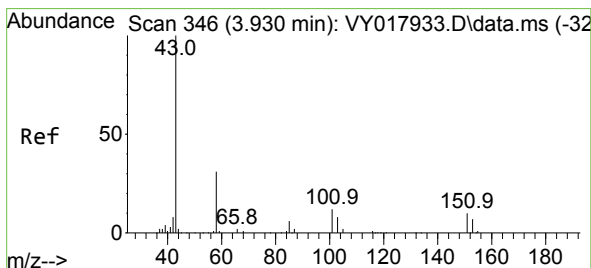
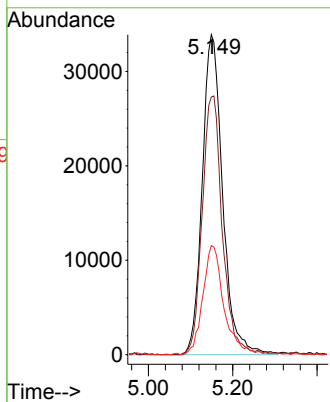
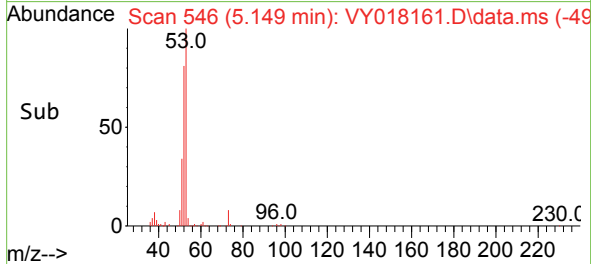


#15
Acrylonitrile
Concen: 255.920 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

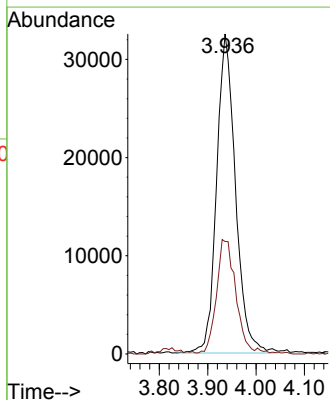
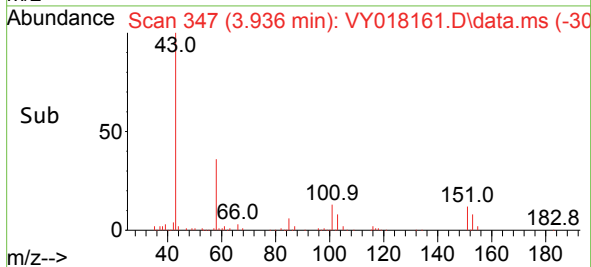
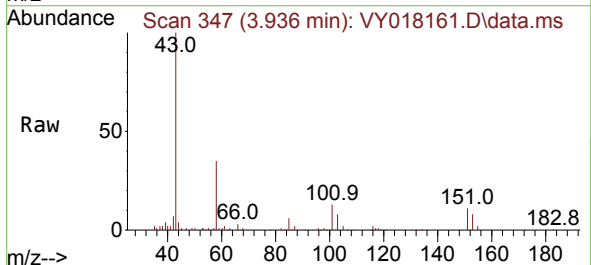


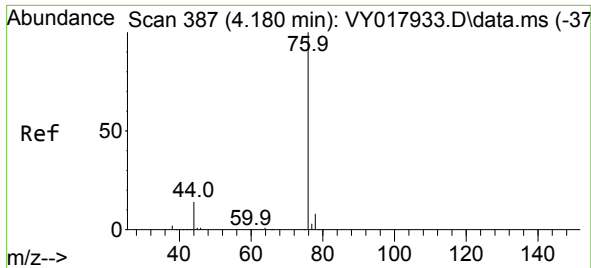
Tgt Ion: 53 Resp: 114107
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 35.2 28.4 42.6



#16
Acetone
Concen: 238.245 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 43 Resp: 88036
Ion Ratio Lower Upper
43 100
58 34.7 31.7 47.5





#17

Carbon Disulfide

Concen: 51.993 ug/l

RT: 4.186 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

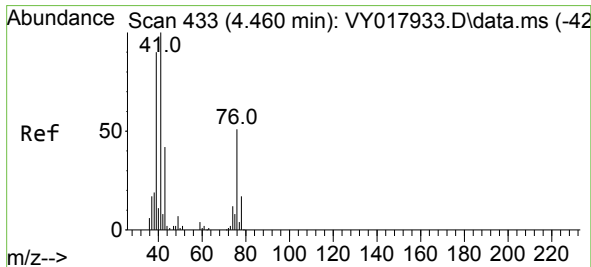
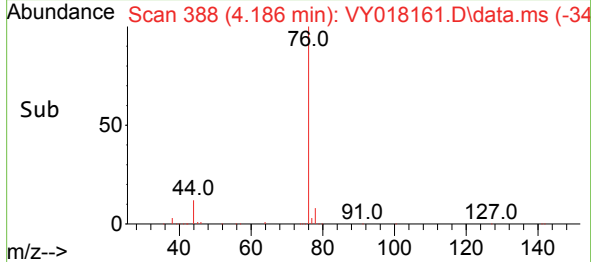
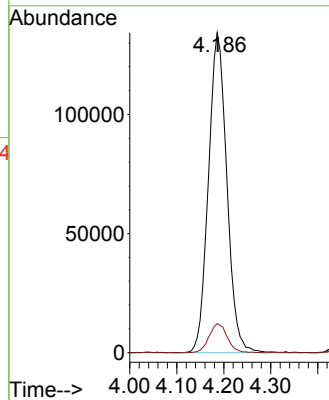
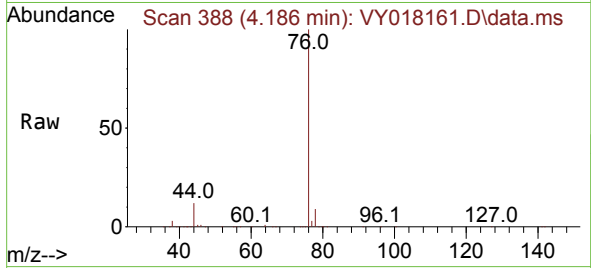
ClientSampleId :

Tgt Ion: 76 Resp: 365241

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 48.041 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018161.D

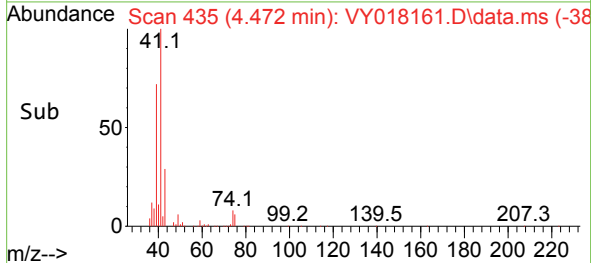
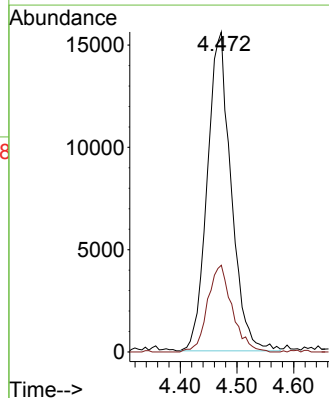
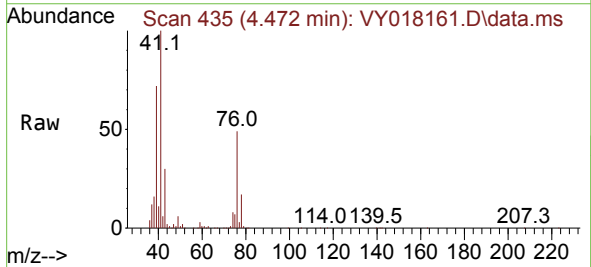
Acq: 06 May 2024 16:56

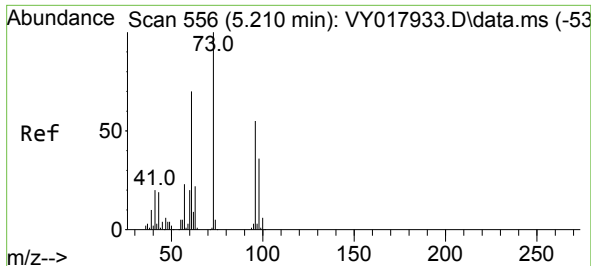
Tgt Ion: 43 Resp: 45464

Ion Ratio Lower Upper

43 100

74 28.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 47.475 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

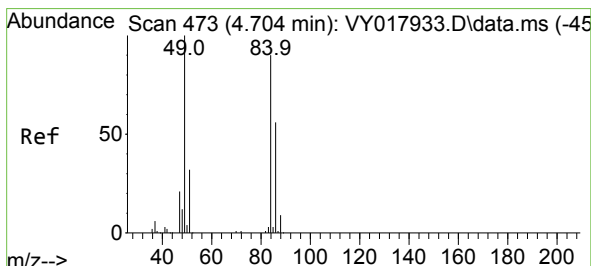
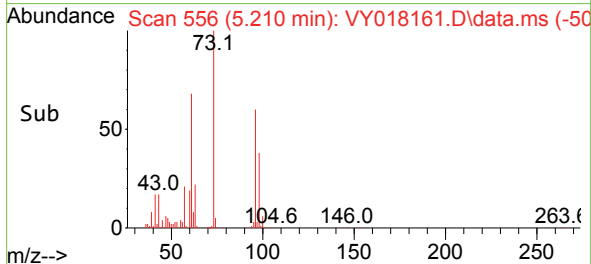
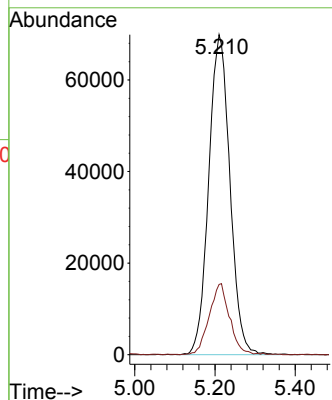
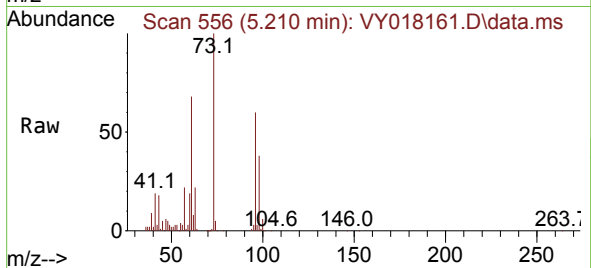
ClientSampleId :

Tgt Ion: 73 Resp: 256297

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 50.518 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Tgt Ion: 84 Resp: 130809

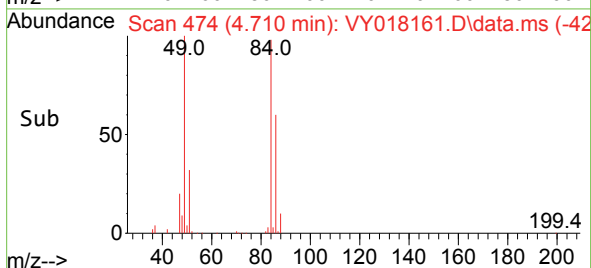
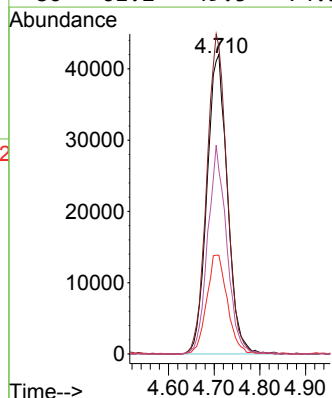
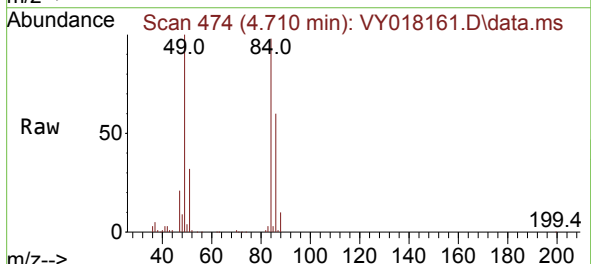
Ion Ratio Lower Upper

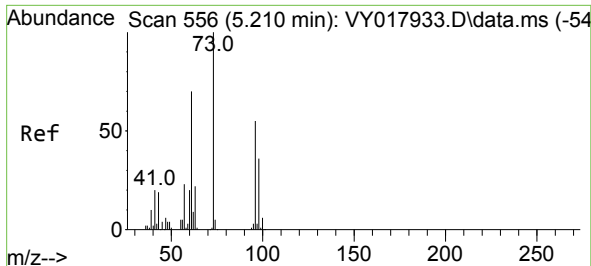
84 100

49 102.6 84.4 126.6

51 32.9 26.0 39.0

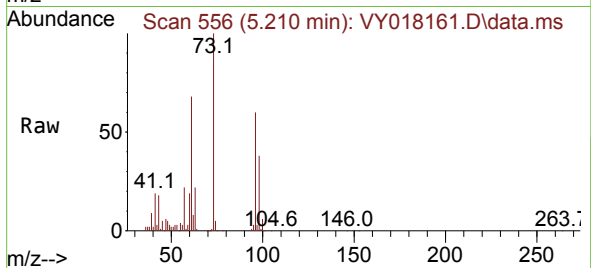
86 61.2 49.5 74.3



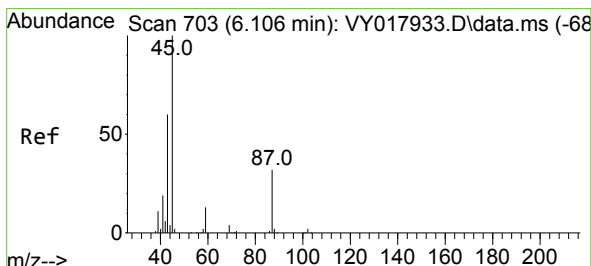
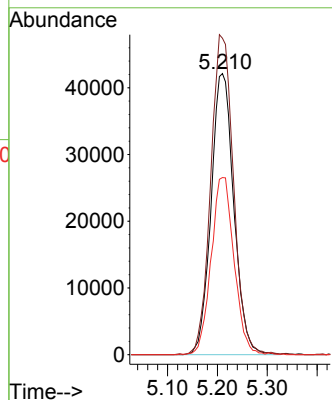
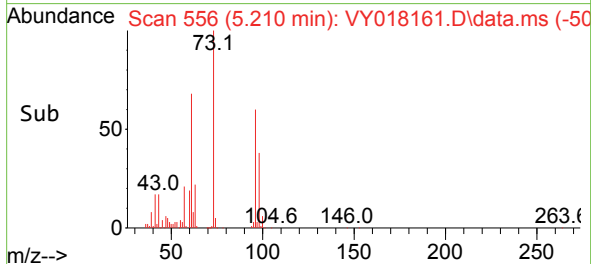


#21
trans-1,2-Dichloroethene
Concen: 53.409 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

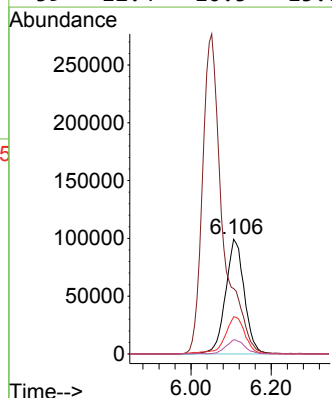
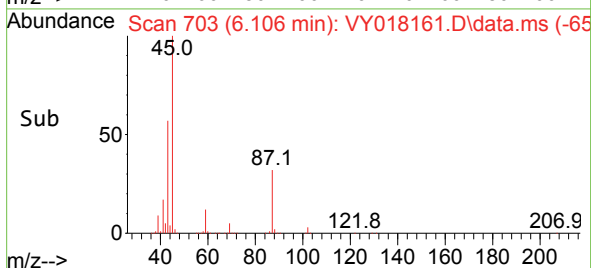
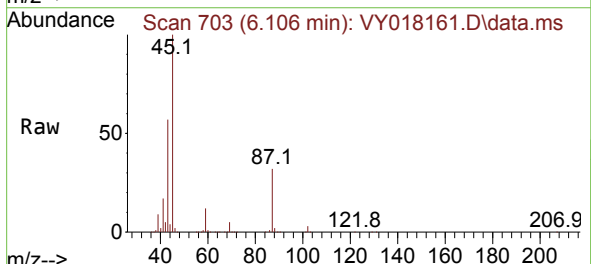


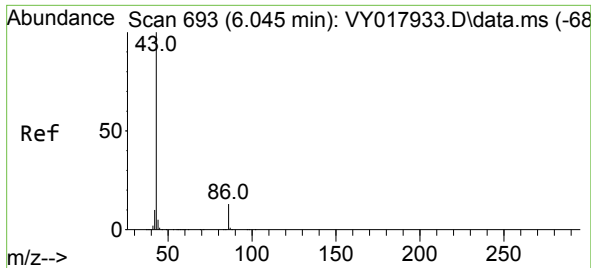
Tgt Ion: 96 Resp: 133573
Ion Ratio Lower Upper
96 100
61 112.4 97.5 146.3
98 62.8 50.5 75.7



#22
Diisopropyl ether
Concen: 50.313 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 45 Resp: 322316
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 32.2 25.0 37.6
59 12.4 10.5 15.7





#23

Vinyl Acetate

Concen: 237.152 ug/l

RT: 6.051 min Scan# 693

Delta R.T. -0.013 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

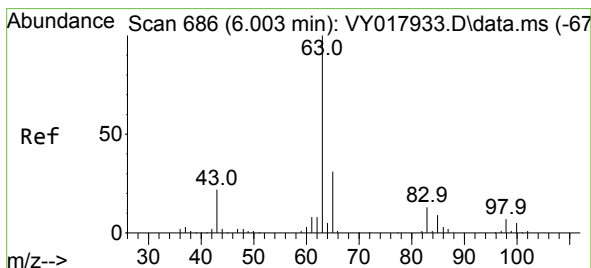
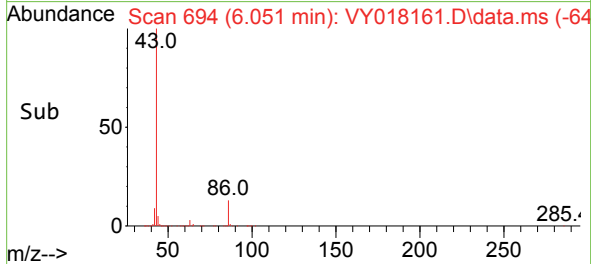
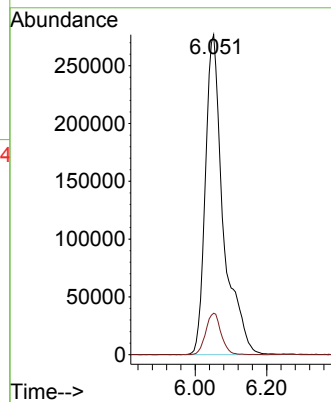
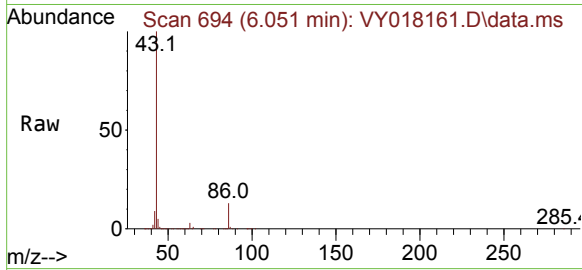
ClientSampleId :

Tgt Ion: 43 Resp: 963581

Ion Ratio Lower Upper

43 100

86 12.9 10.6 16.0



#24

1,1-Dichloroethane

Concen: 52.983 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.012 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

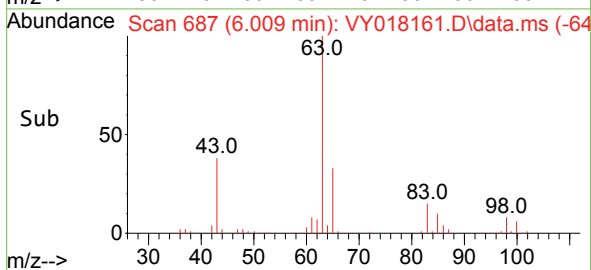
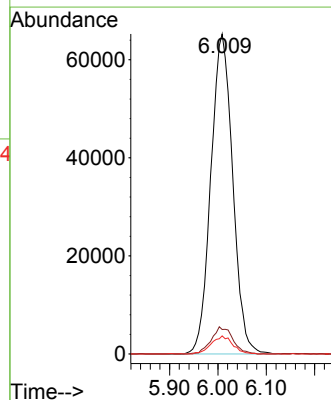
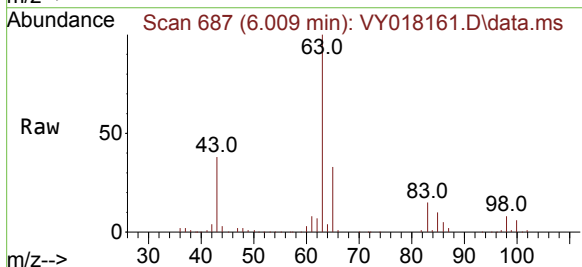
Tgt Ion: 63 Resp: 204955

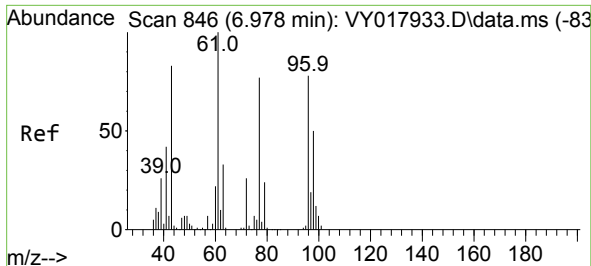
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.6 2.6 8.0





#25

2-Butanone

Concen: 225.935 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

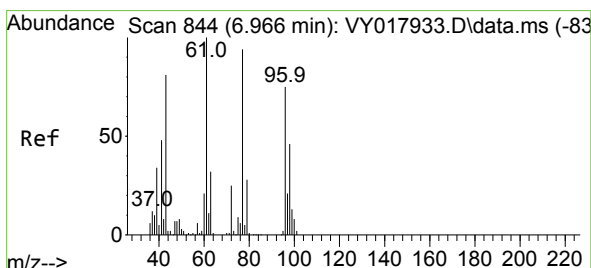
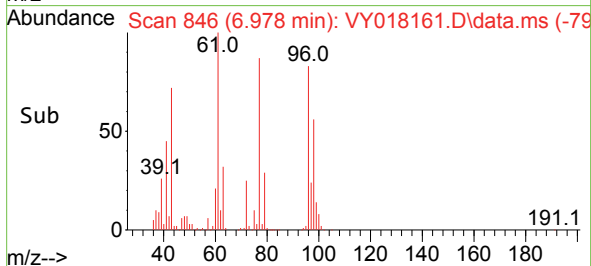
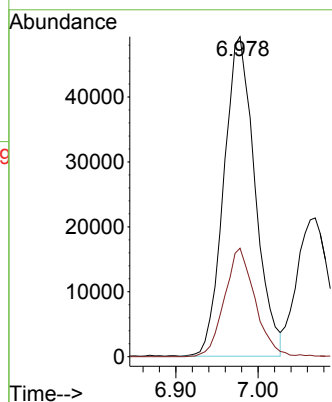
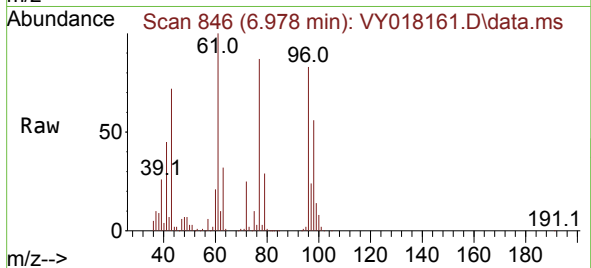
ClientSampleId :

Tgt Ion: 43 Resp: 129883

Ion Ratio Lower Upper

43 100

72 33.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.575 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018161.D

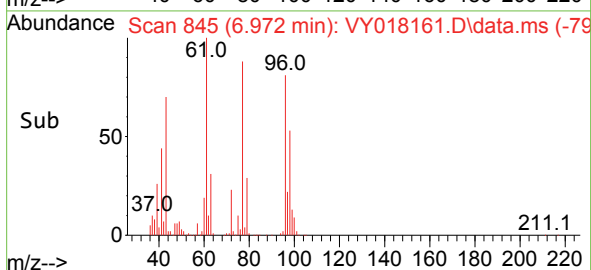
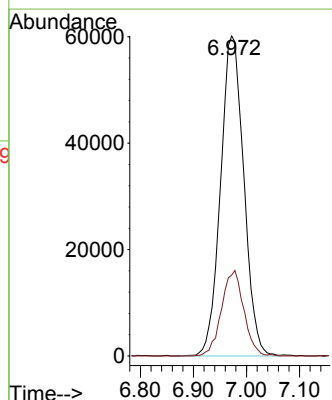
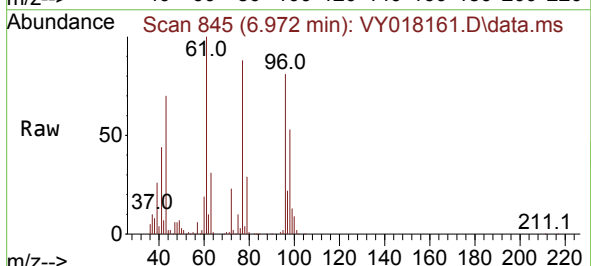
Acq: 06 May 2024 16:56

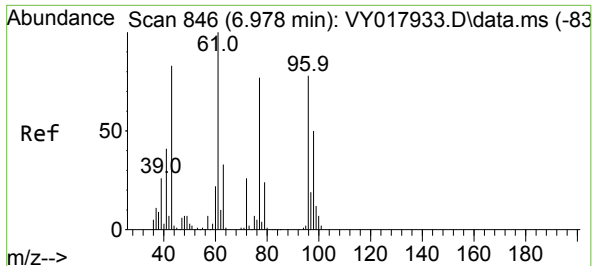
Tgt Ion: 77 Resp: 182967

Ion Ratio Lower Upper

77 100

97 25.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.302 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

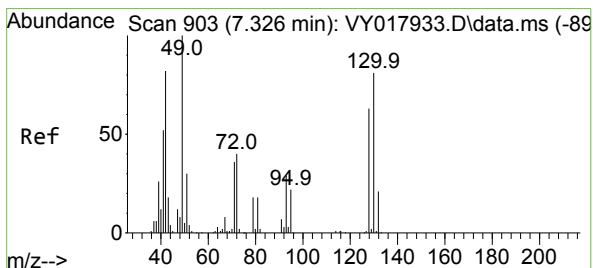
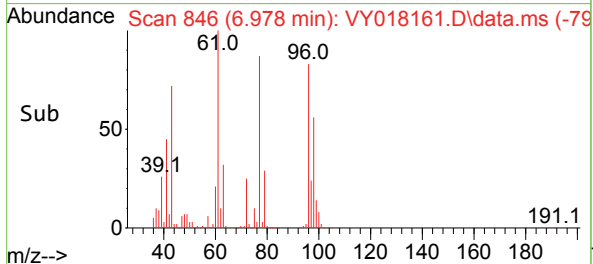
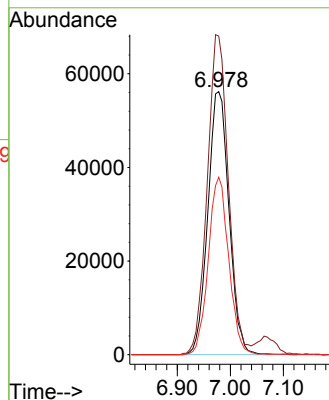
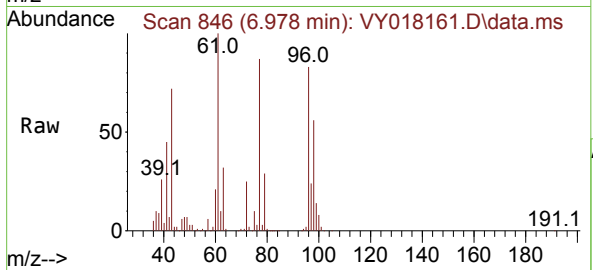
Tgt Ion: 96 Resp: 155992

Ion Ratio Lower Upper

96 100

61 121.4 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 44.262 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

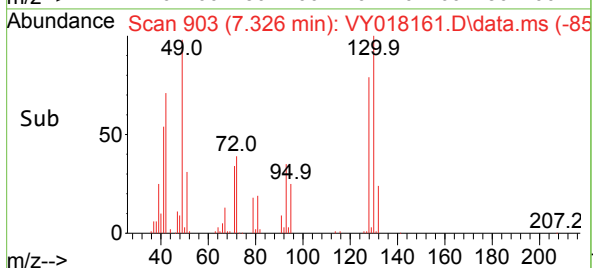
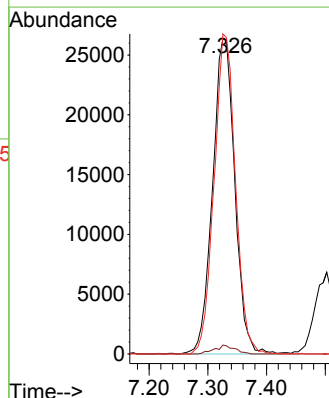
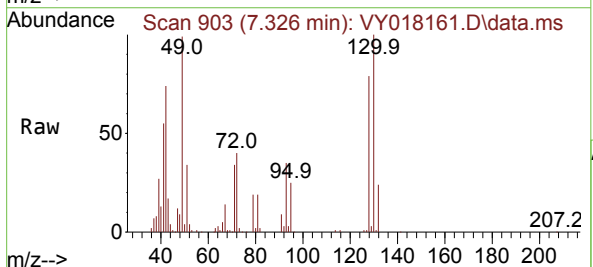
Tgt Ion: 49 Resp: 69195

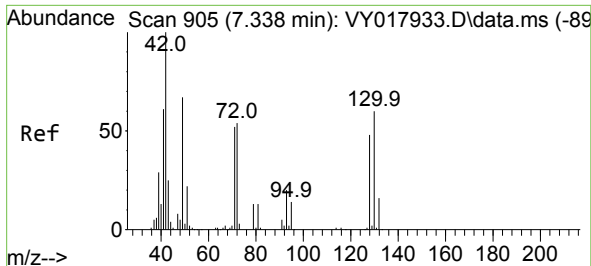
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 97.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 228.496 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY018161.D

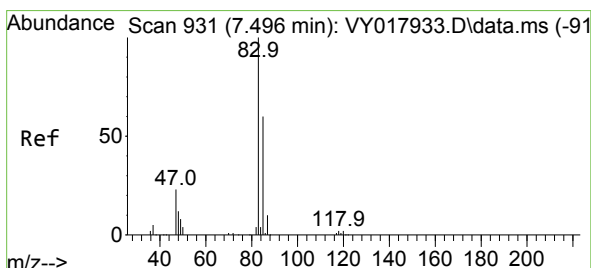
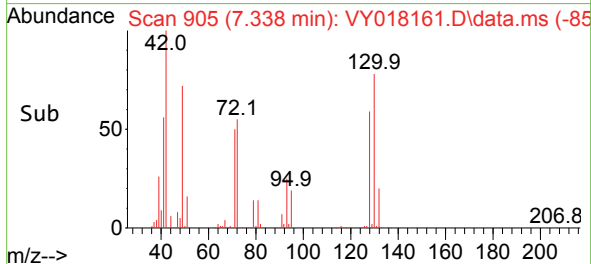
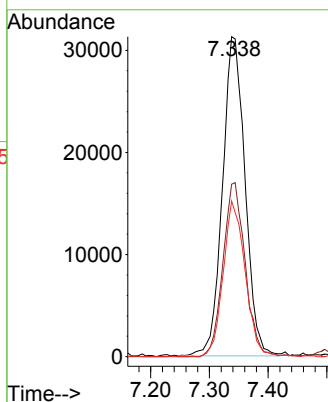
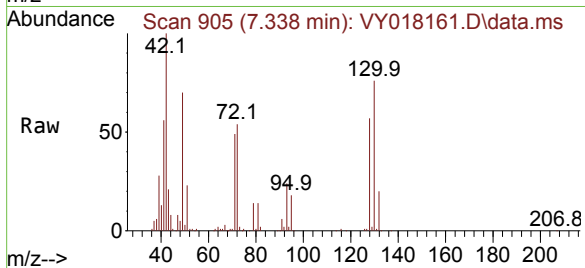
Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	83506
Ion	Ratio	Lower	Upper
42	100		
72	53.4	43.0	64.4
71	47.6	40.8	61.2



#30

Chloroform

Concen: 52.271 ug/l

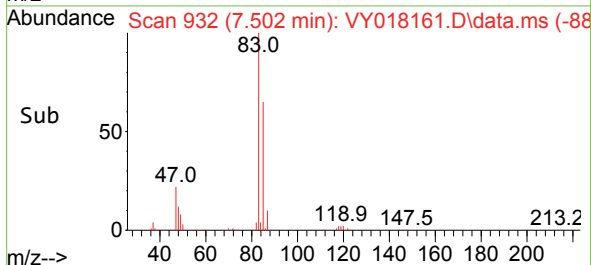
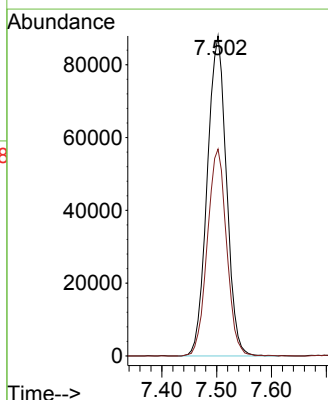
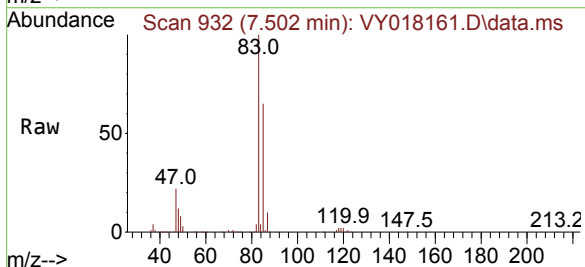
RT: 7.502 min Scan# 932

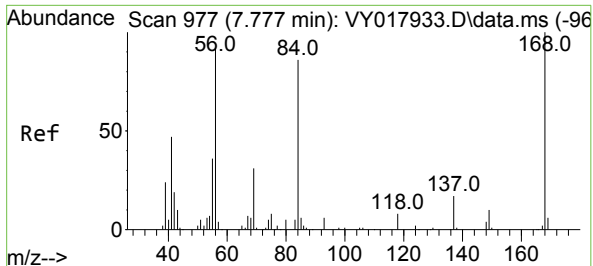
Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

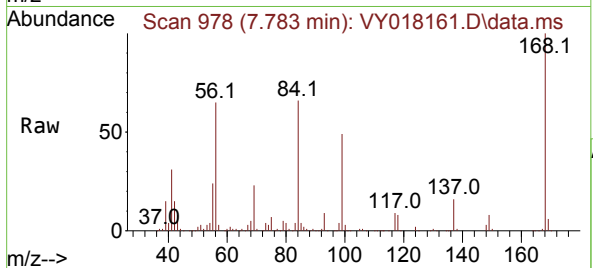
Tgt Ion:	83	Resp:	213967
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4



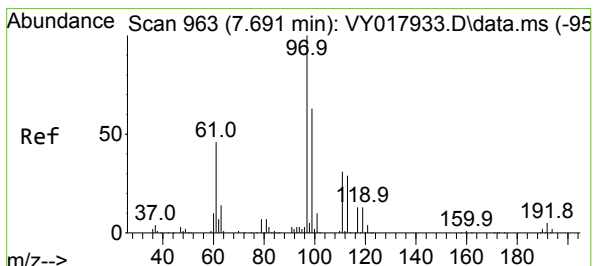
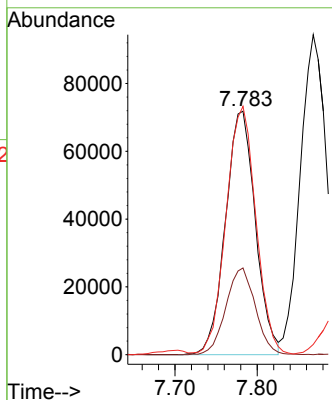
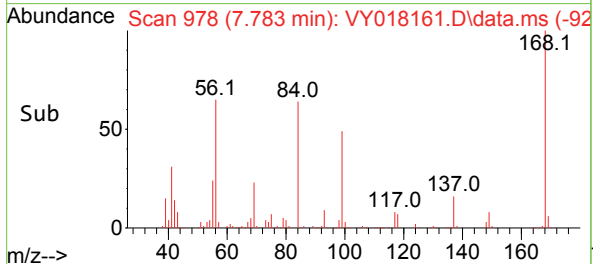


#31
Cyclohexane
Concen: 49.046 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

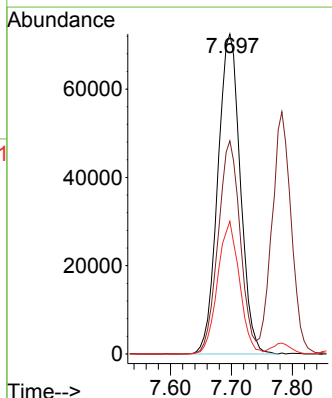
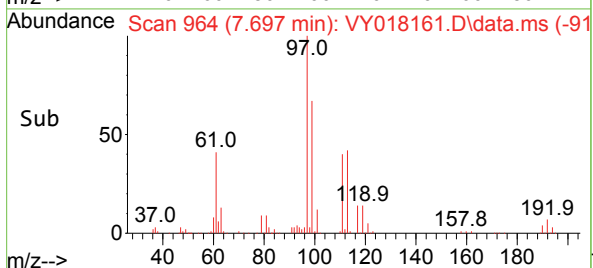
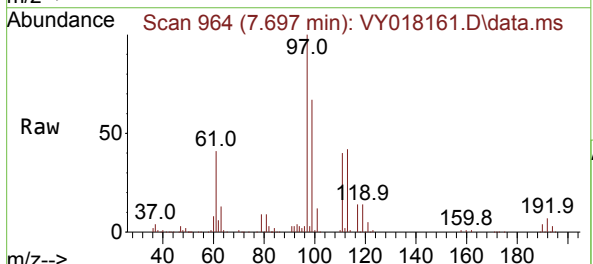


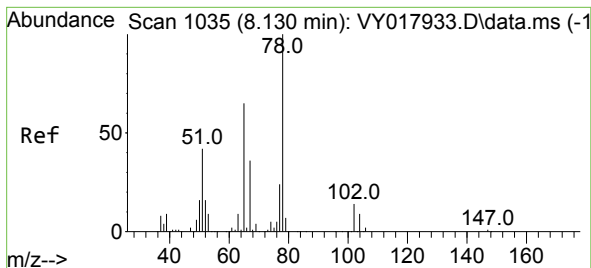
Tgt Ion: 56 Resp: 182285
Ion Ratio Lower Upper
56 100
69 35.6 28.7 43.1
84 100.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.804 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 97 Resp: 186079
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 40.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.254 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

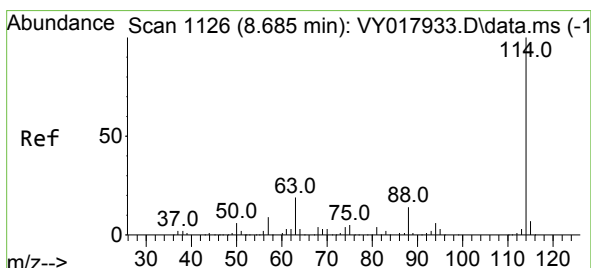
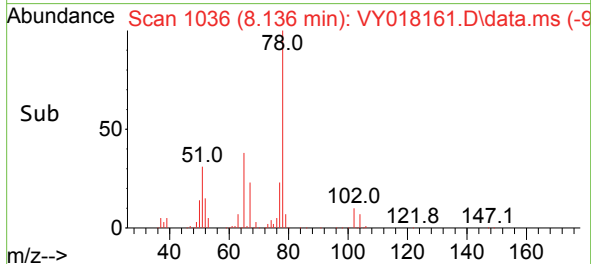
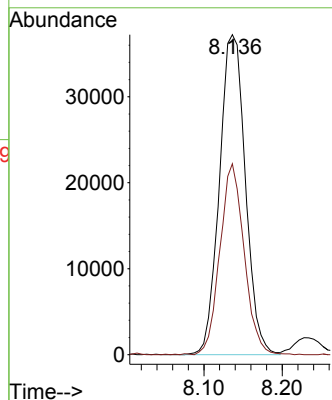
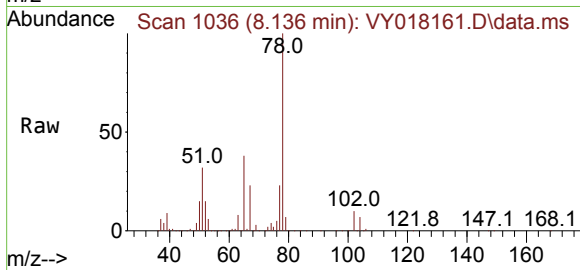
ClientSampleId :

Tgt Ion: 65 Resp: 85839

Ion Ratio Lower Upper

65 100

67 55.7 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: VY018161.D

Acq: 06 May 2024 16:56

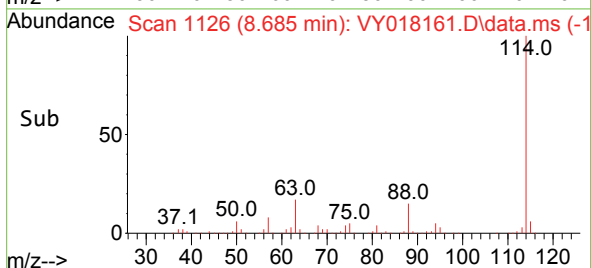
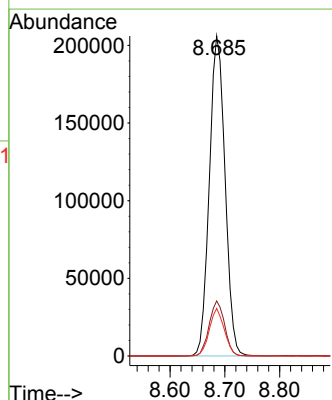
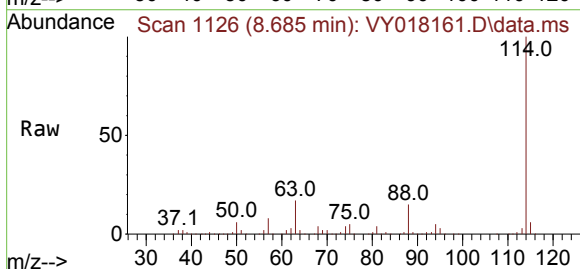
Tgt Ion: 114 Resp: 409399

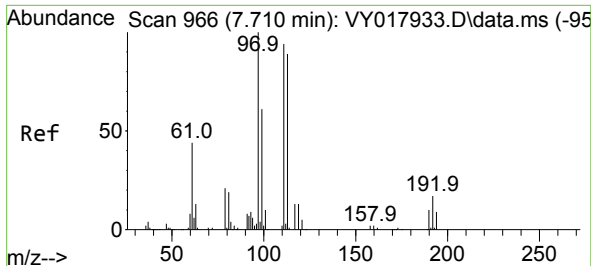
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.707 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

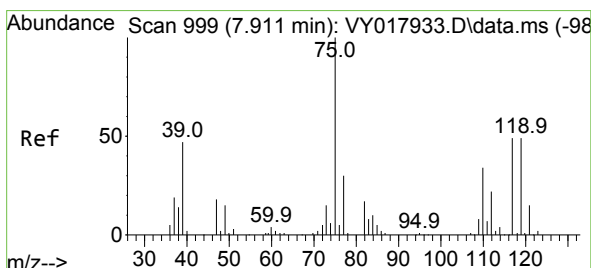
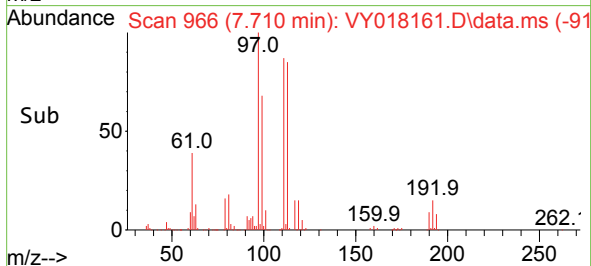
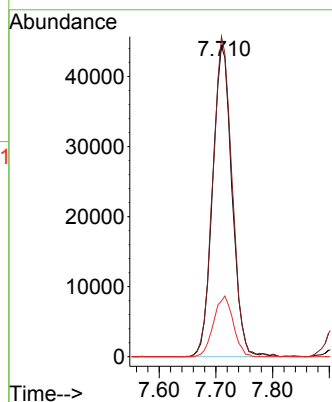
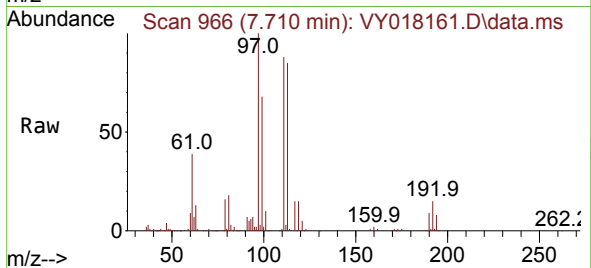
Tgt Ion:113 Resp: 105183

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 49.773 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

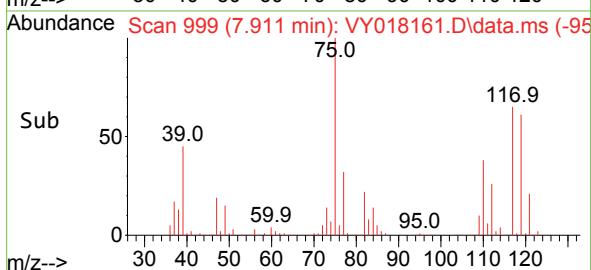
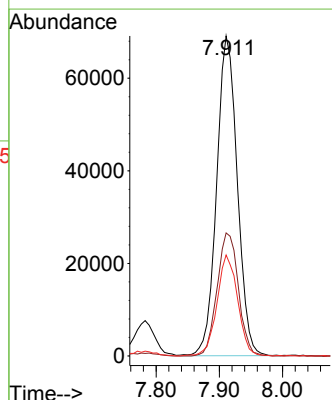
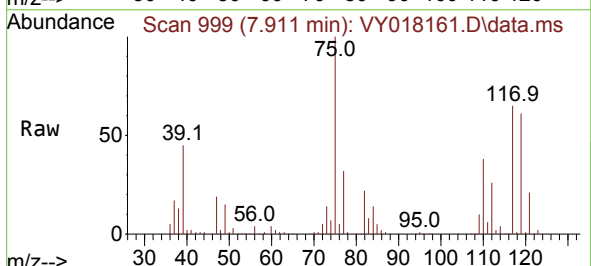
Tgt Ion: 75 Resp: 156313

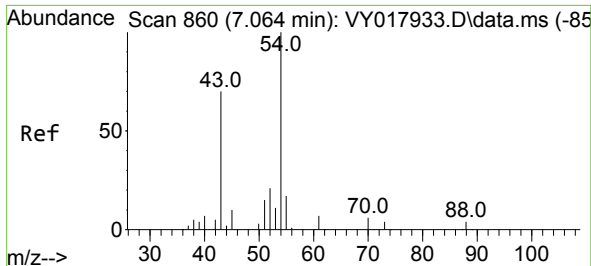
Ion Ratio Lower Upper

75 100

110 39.6 19.0 57.0

77 31.7 25.3 37.9

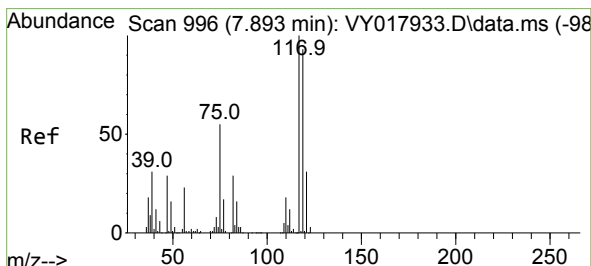
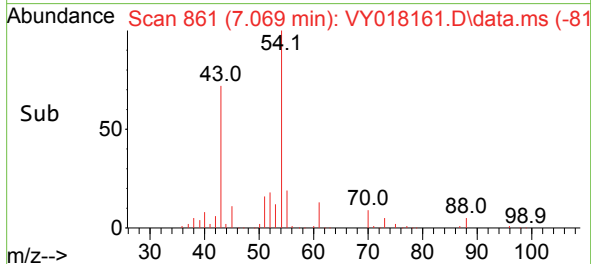
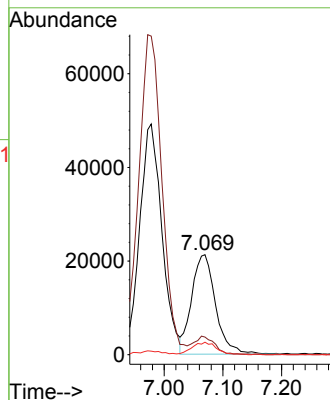
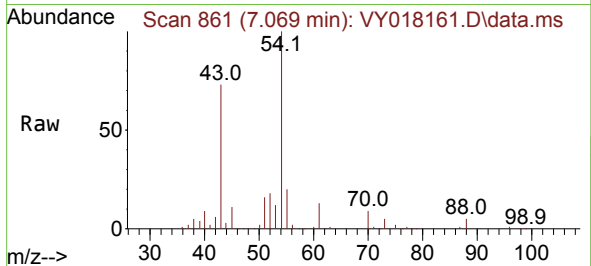




#37
Ethyl Acetate
Concen: 44.148 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

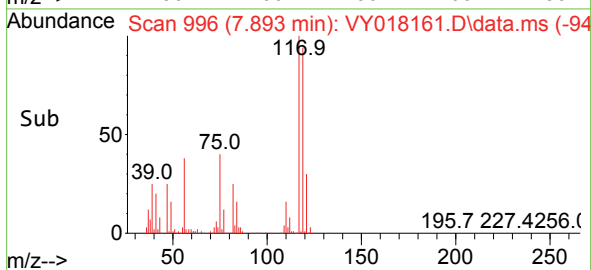
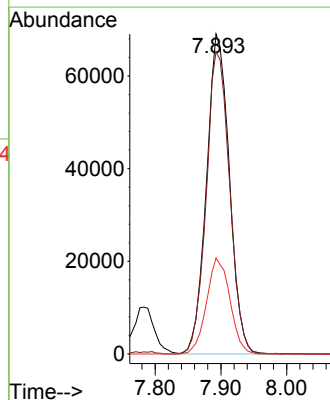
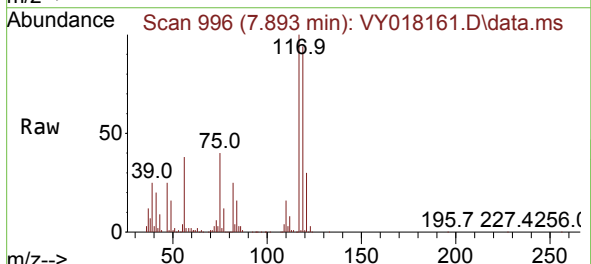
Instrument :
MSVOA_Y
ClientSampleId :

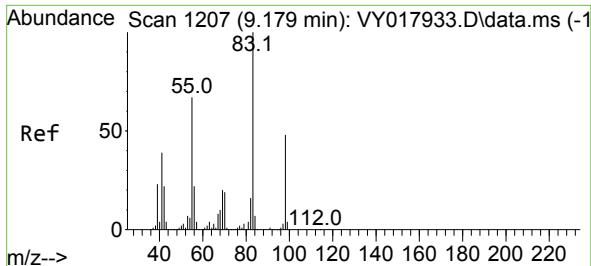
Tgt Ion: 43 Resp: 60336
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 12.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 46.977 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.013 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 117 Resp: 167452
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 30.0 24.0 36.0

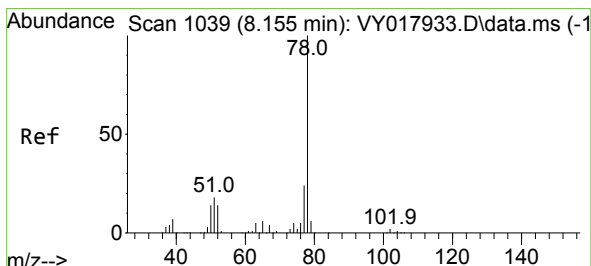
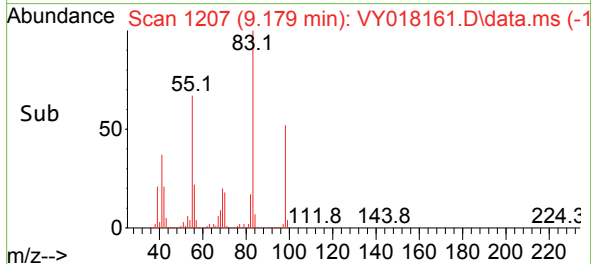
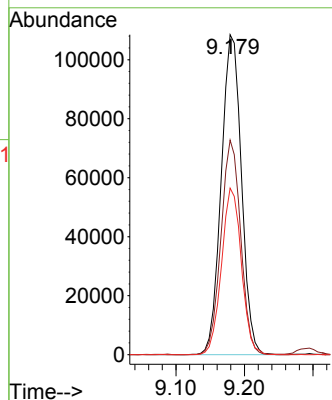
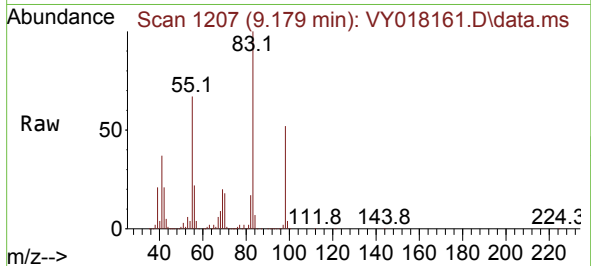




#39
Methylcyclohexane
Concen: 48.061 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

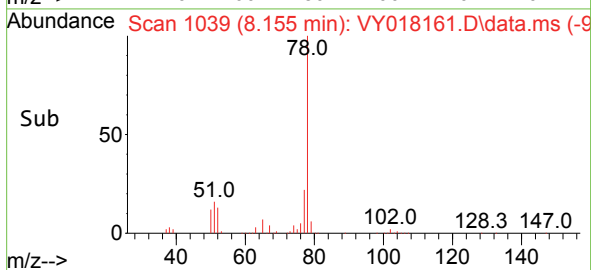
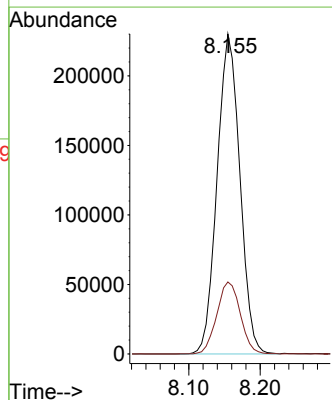
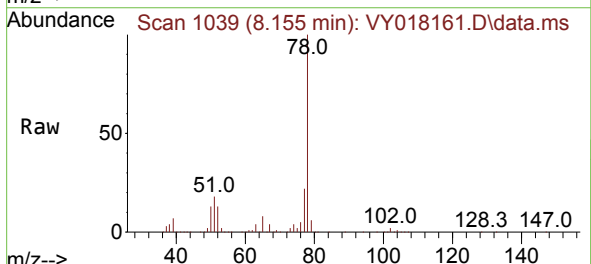
Instrument :
MSVOA_Y
ClientSampleId :

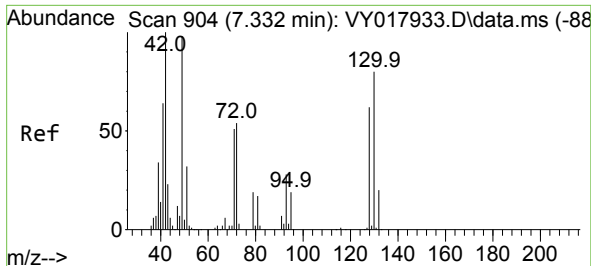
Tgt Ion: 83 Resp: 221693
Ion Ratio Lower Upper
83 100
55 67.0 51.5 77.3
98 52.1 40.5 60.7



#40
Benzene
Concen: 50.392 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

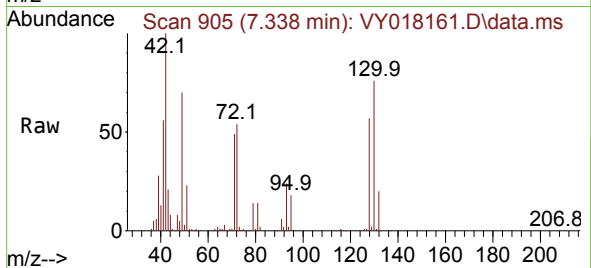
Tgt Ion: 78 Resp: 508529
Ion Ratio Lower Upper
78 100
77 22.5 19.5 29.3



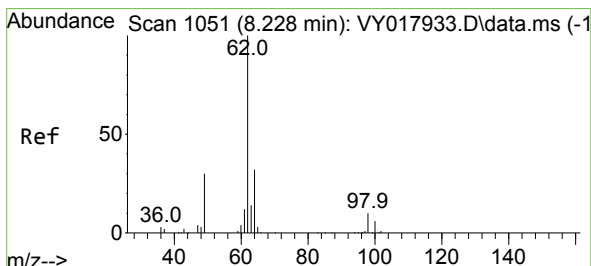
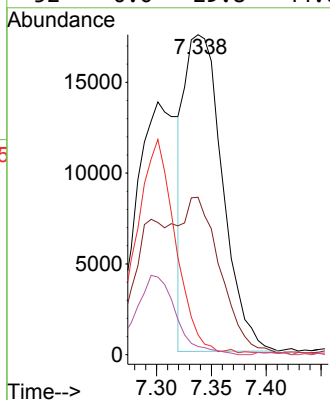
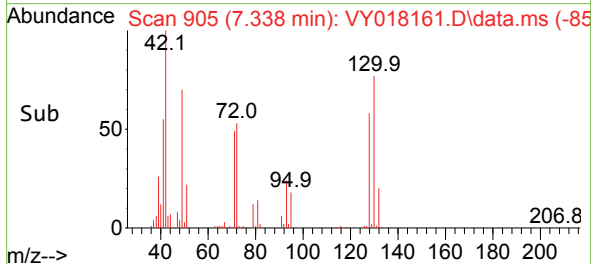


#41
Methacrylonitrile
Concen: 52.141 ug/l
RT: 7.338 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

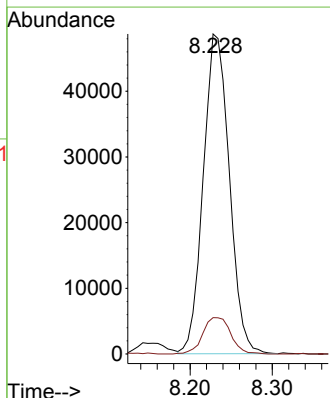
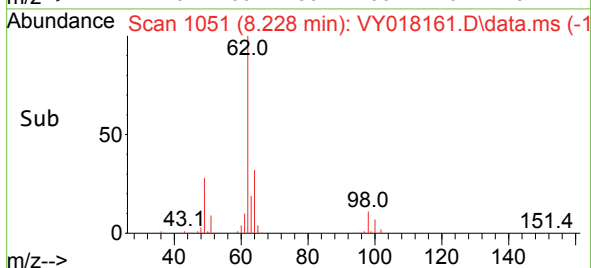
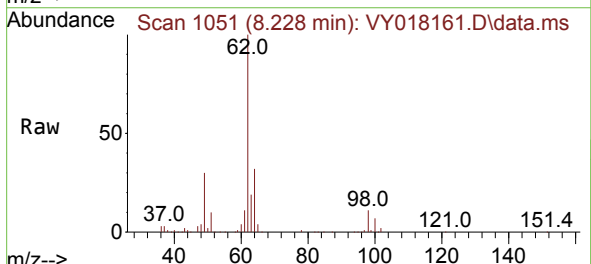


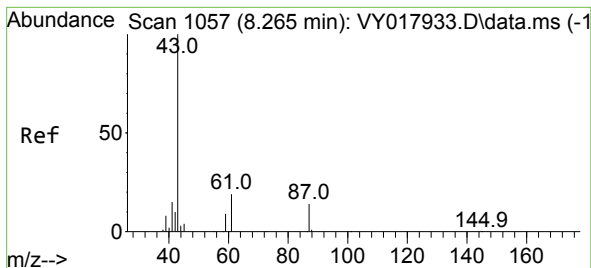
Tgt Ion: 41 Resp: 42023
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 45.894 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 62 Resp: 107296
Ion Ratio Lower Upper
62 100
98 12.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 41.991 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018161.D

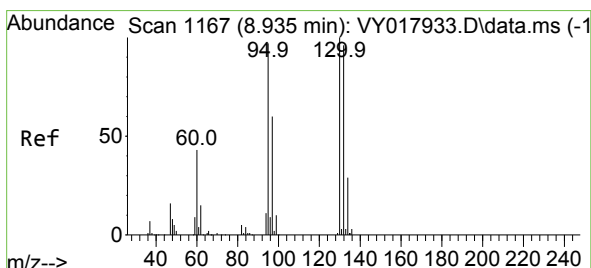
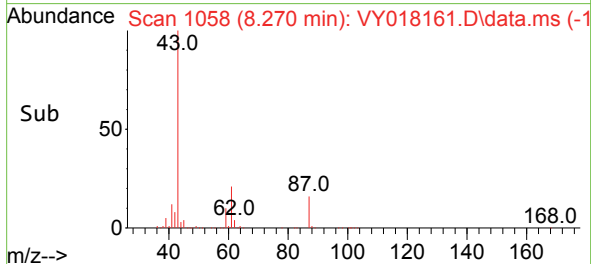
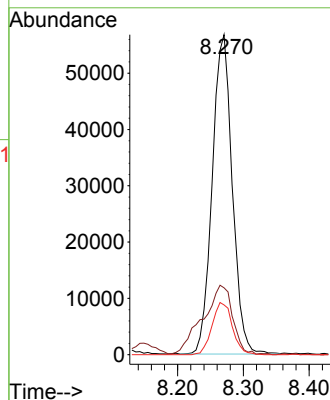
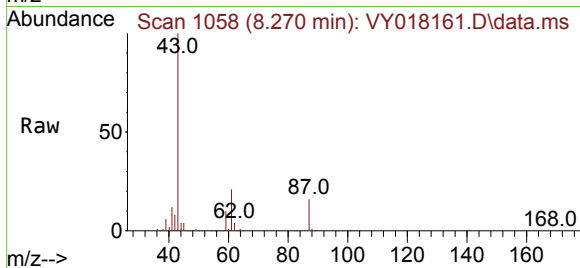
Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	120567
Ion	Ratio	Lower	Upper
43	100		
61	32.5	27.9	41.9
87	16.5	13.1	19.7



#44

Trichloroethene

Concen: 48.176 ug/l

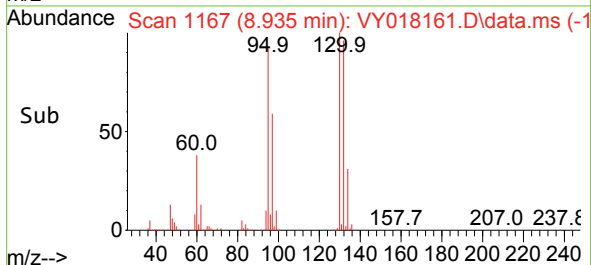
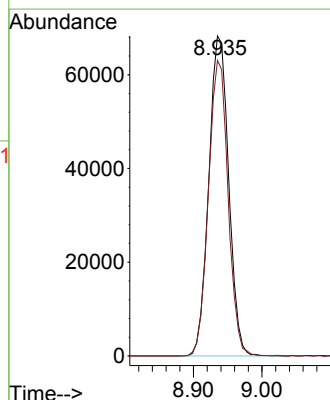
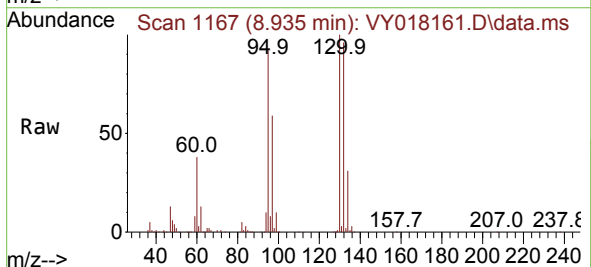
RT: 8.935 min Scan# 1167

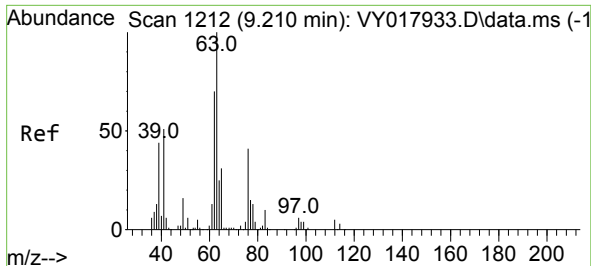
Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Tgt Ion:	130	Resp:	137870
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	188.0





#45

1,2-Dichloropropane

Concen: 50.149 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

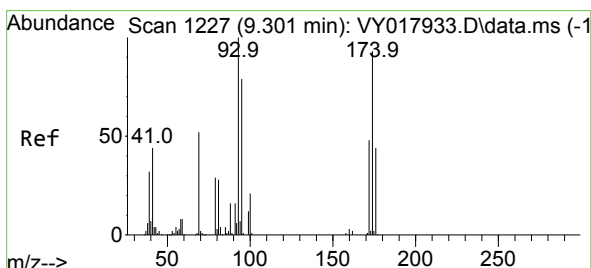
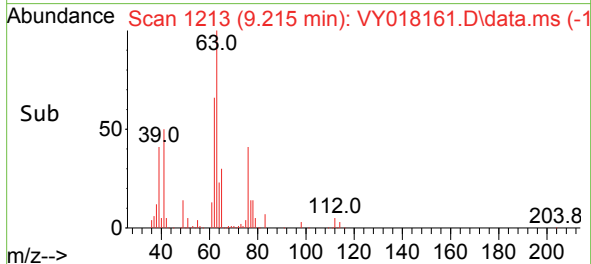
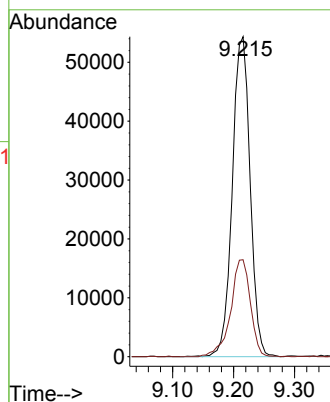
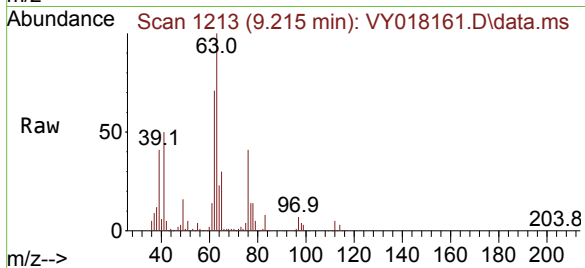
ClientSampleId :

Tgt Ion: 63 Resp: 110416

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 45.057 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

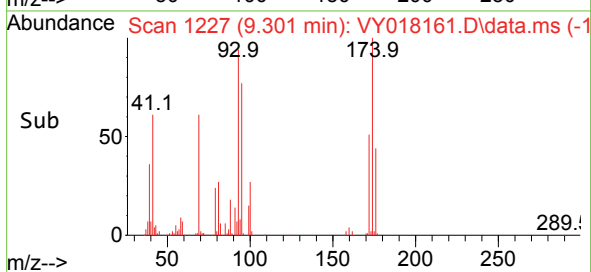
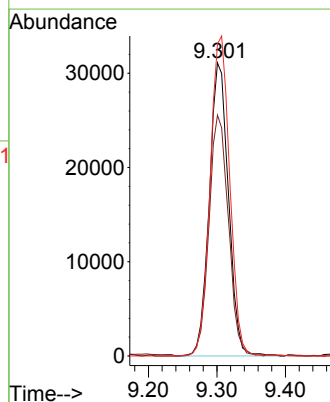
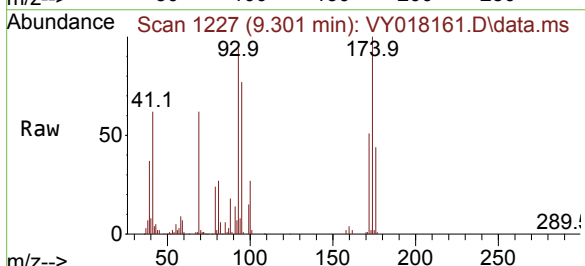
Tgt Ion: 93 Resp: 60316

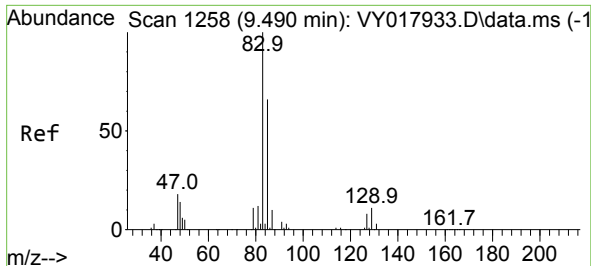
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 111.6 80.9 121.3

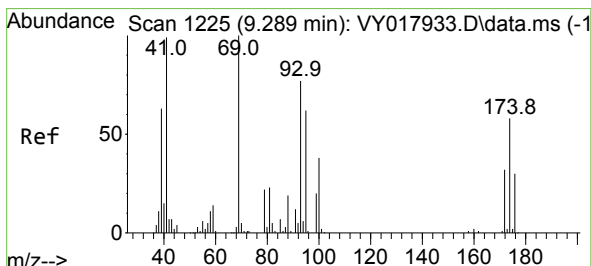
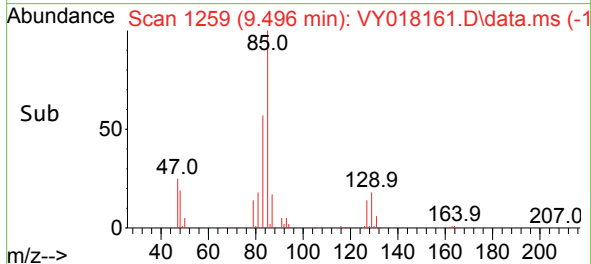
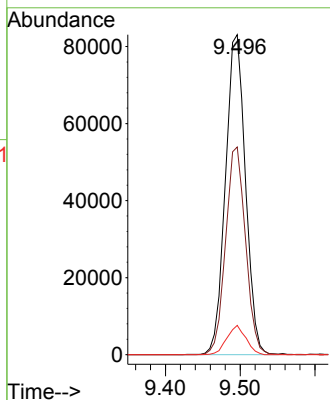
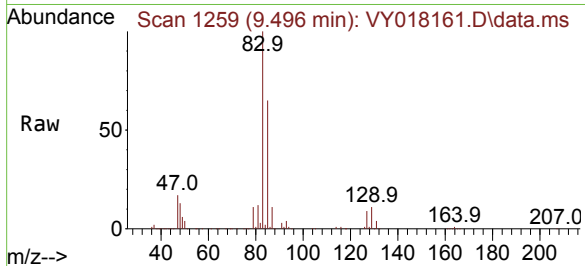




#47
Bromodichloromethane
Concen: 47.132 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

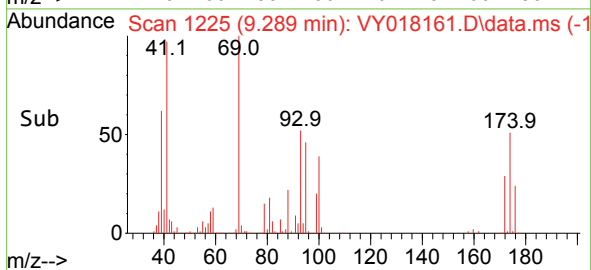
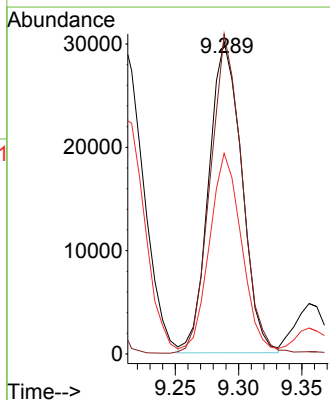
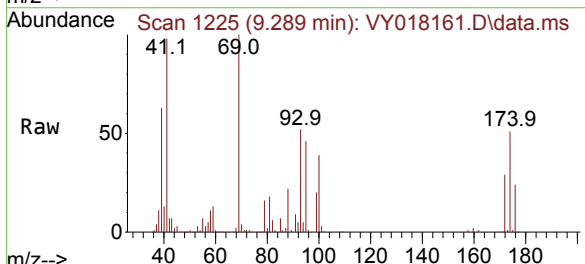
Instrument :
MSVOA_Y
ClientSampleId :

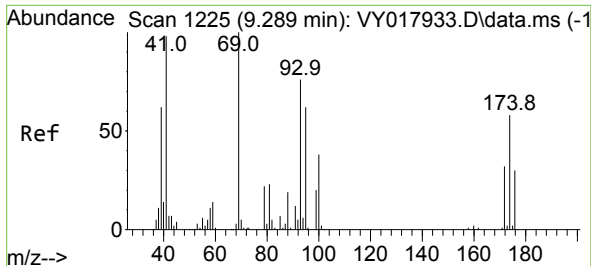
Tgt Ion: 83 Resp: 154895
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 41.592 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 41 Resp: 54665
Ion Ratio Lower Upper
41 100
69 98.3 84.1 126.1
39 59.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1005.400 ug/l

RT: 9.289 min Scan# 1

Delta R.T. -0.012 min

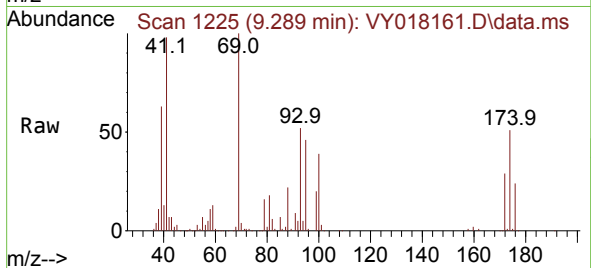
Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :



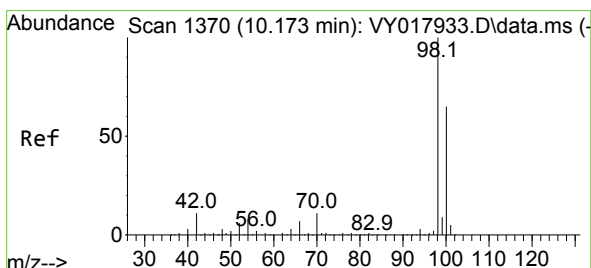
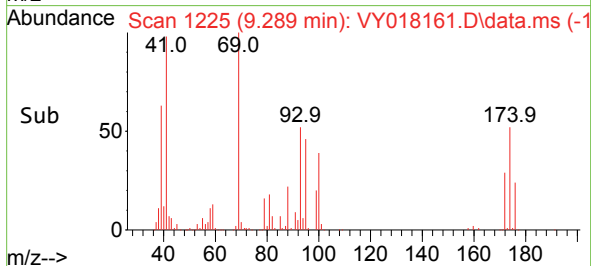
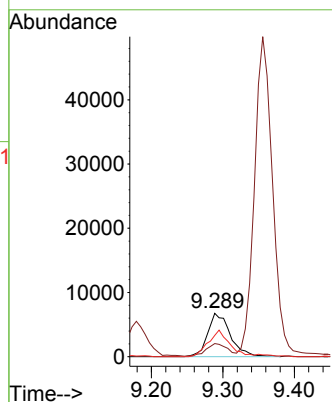
Tgt Ion: 88 Resp: 14932

Ion Ratio Lower Upper

88 100

43 27.0 0.0 0.0#

58 56.9 49.3 73.9



#50

Toluene-d8

Concen: 44.802 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018161.D

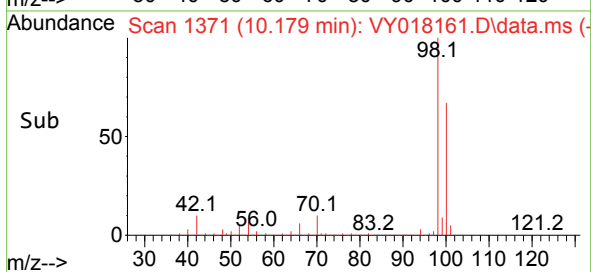
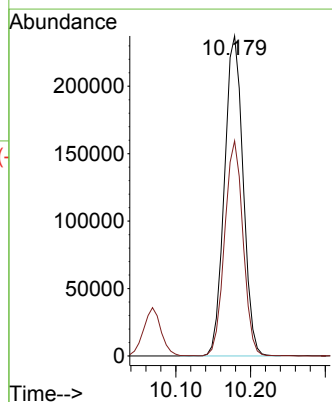
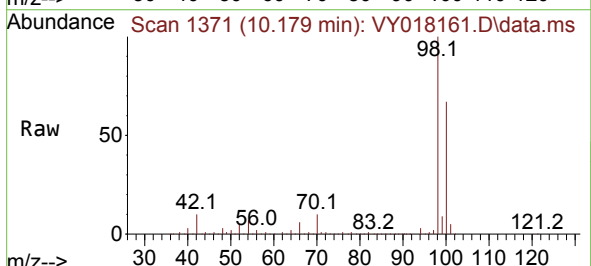
Acq: 06 May 2024 16:56

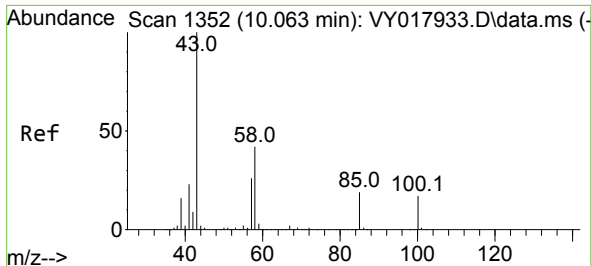
Tgt Ion: 98 Resp: 411491

Ion Ratio Lower Upper

98 100

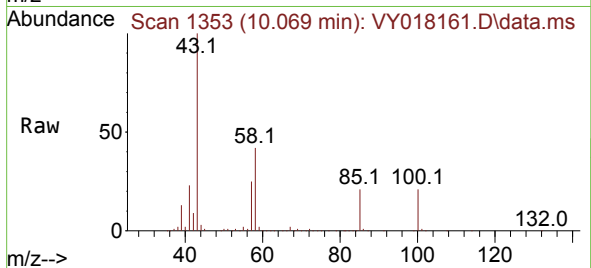
100 66.3 52.0 78.0



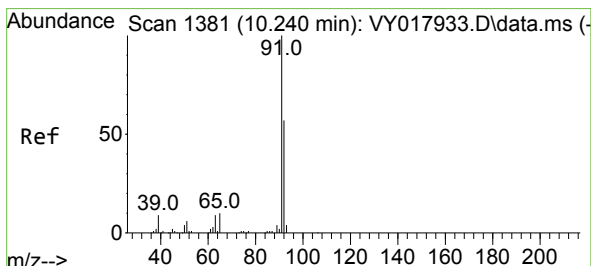
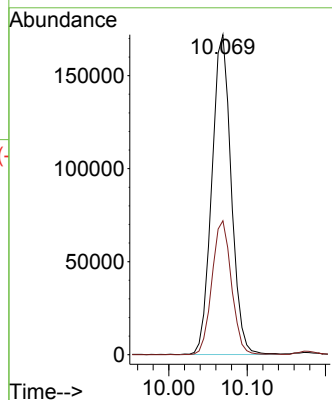
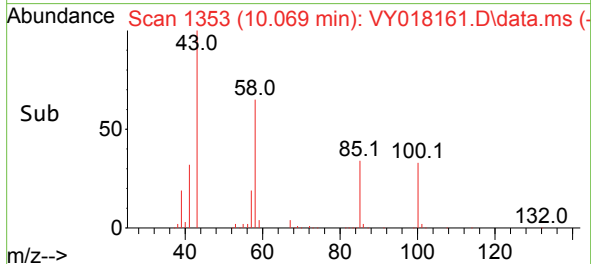


#51
4-Methyl-2-Pentanone
Concen: 210.547 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

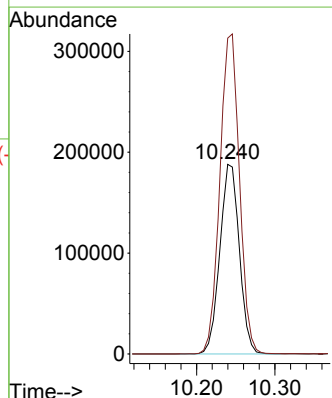
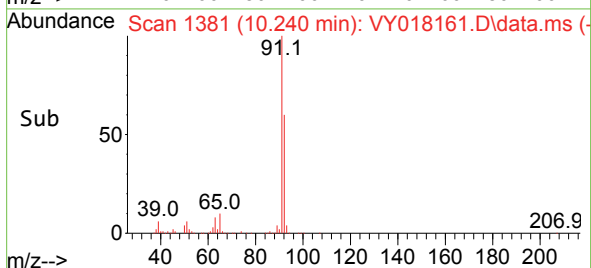
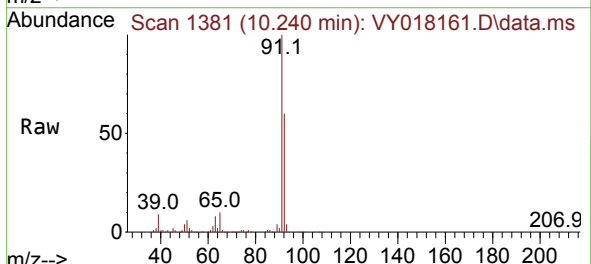


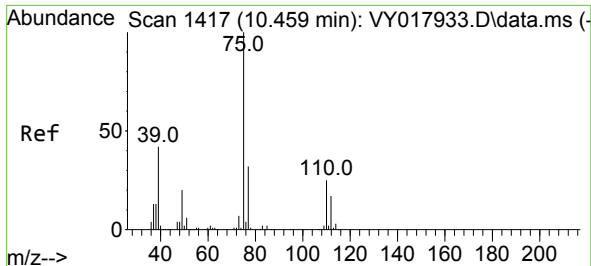
Tgt Ion: 43 Resp: 295256
Ion Ratio Lower Upper
43 100
58 42.2 35.7 53.5



#52
Toluene
Concen: 48.696 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 92 Resp: 325233
Ion Ratio Lower Upper
92 100
91 169.7 139.0 208.6

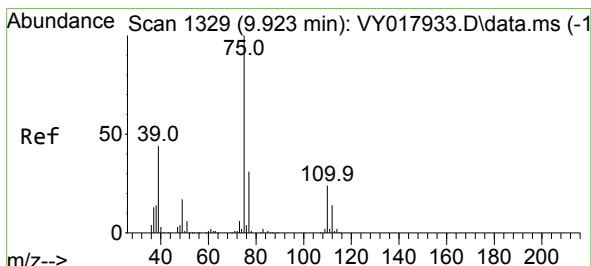
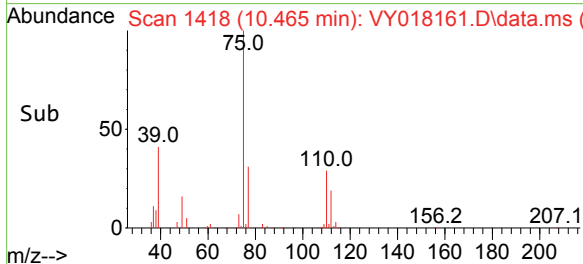
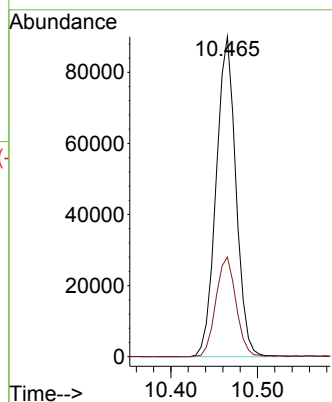
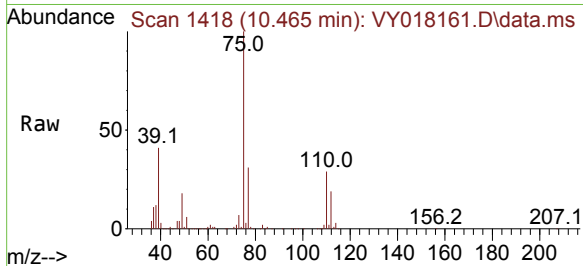




#53
 t-1,3-Dichloropropene
 Concen: 44.955 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018161.D
 Acq: 06 May 2024 16:56

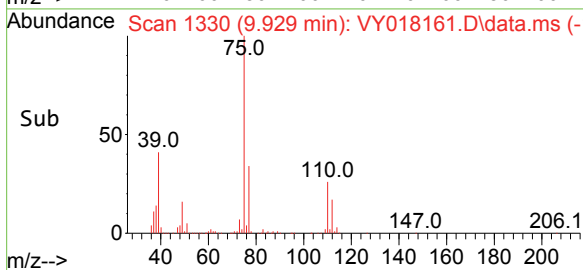
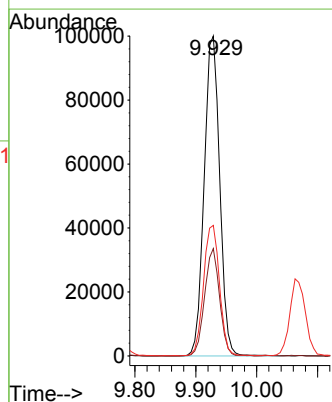
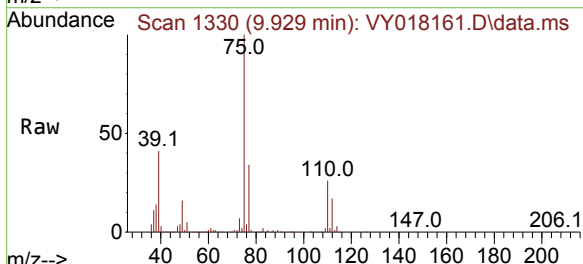
Instrument :
 MSVOA_Y
 ClientSampleId :

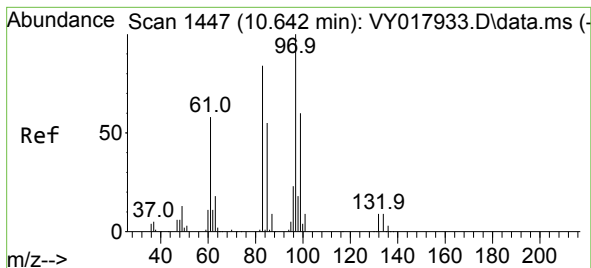
Tgt Ion: 75 Resp: 142749
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.592 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018161.D
 Acq: 06 May 2024 16:56

Tgt Ion: 75 Resp: 177541
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0
 39 40.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 45.947 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 82727

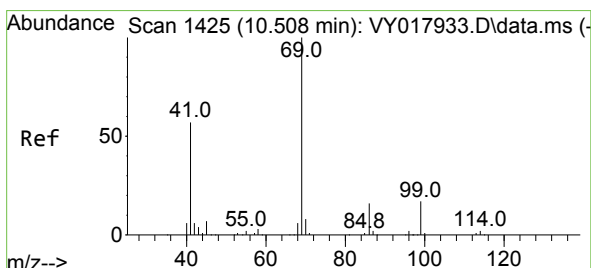
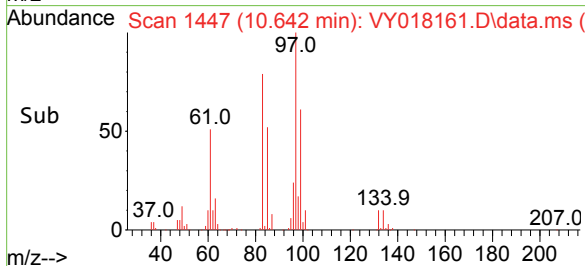
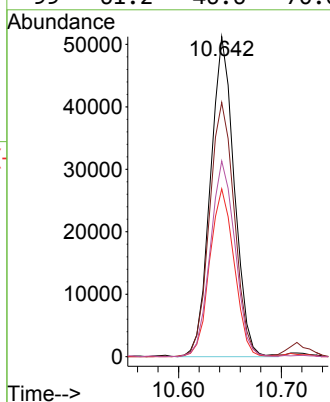
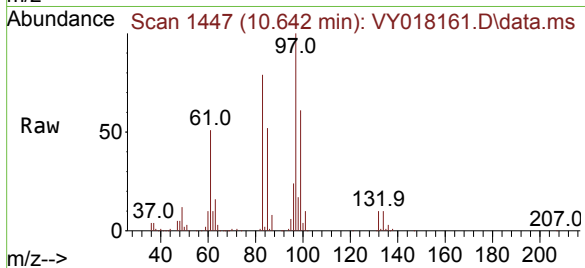
Ion Ratio Lower Upper

97 100

83 79.3 67.5 101.3

85 52.3 42.9 64.3

99 61.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.897 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

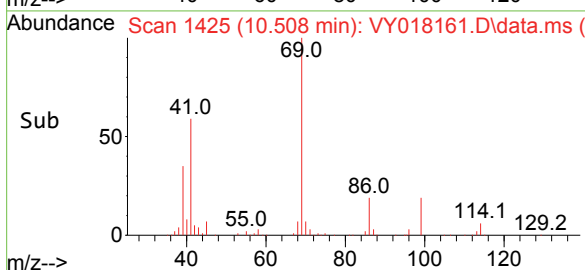
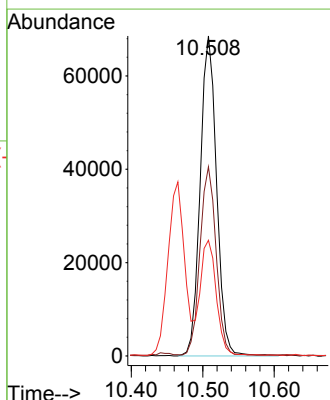
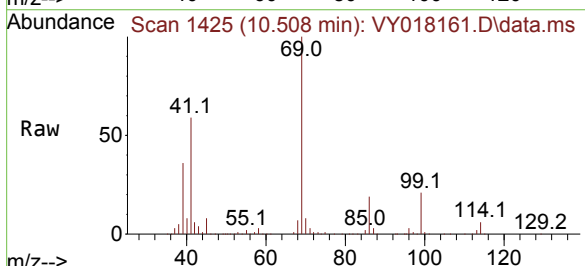
Tgt Ion: 69 Resp: 109199

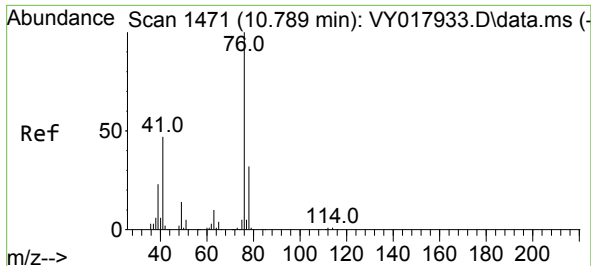
Ion Ratio Lower Upper

69 100

41 57.8 42.3 63.5

39 36.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 46.994 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

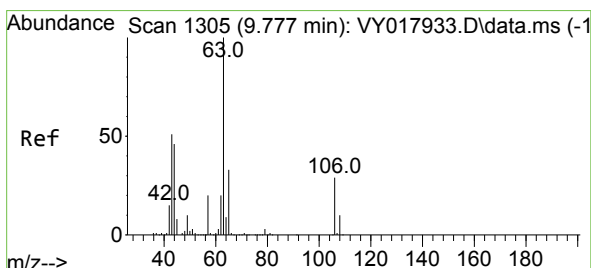
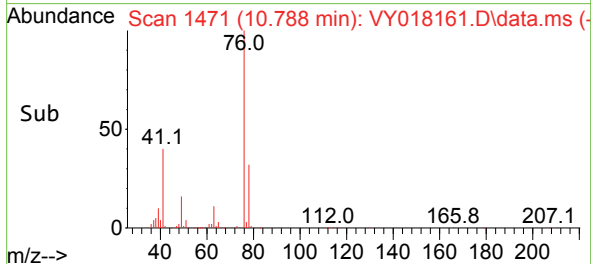
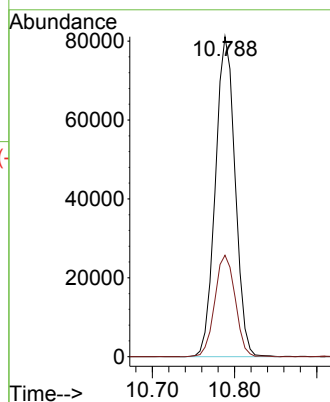
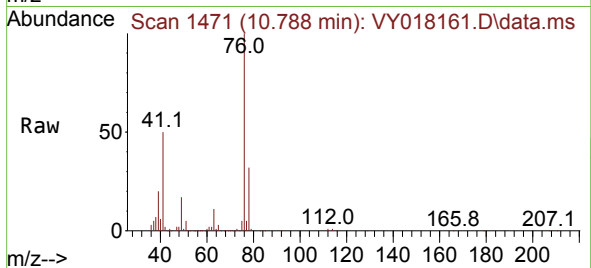
ClientSampleId :

Tgt Ion: 76 Resp: 135174

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 226.317 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018161.D

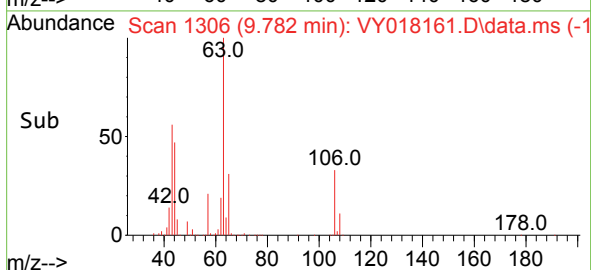
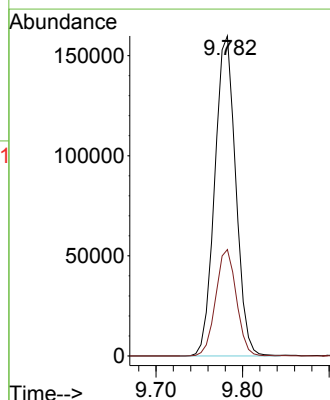
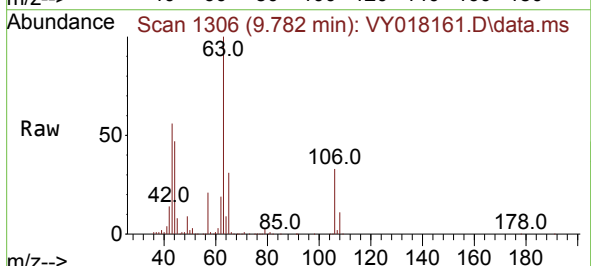
Acq: 06 May 2024 16:56

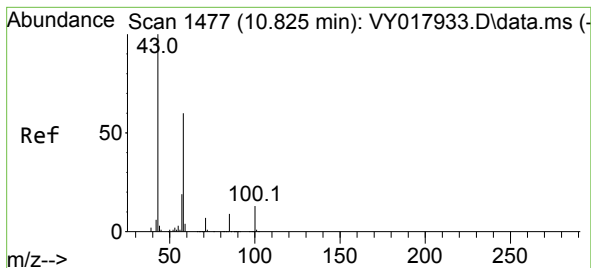
Tgt Ion: 63 Resp: 268938

Ion Ratio Lower Upper

63 100

106 32.8 23.7 35.5

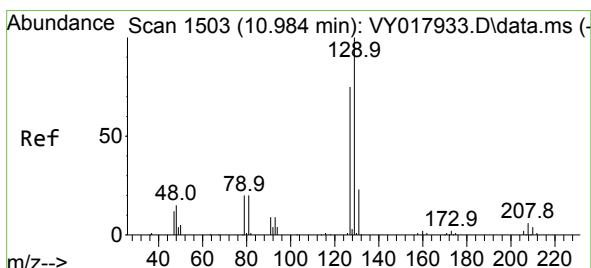
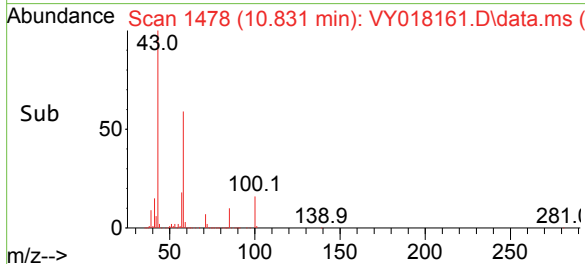
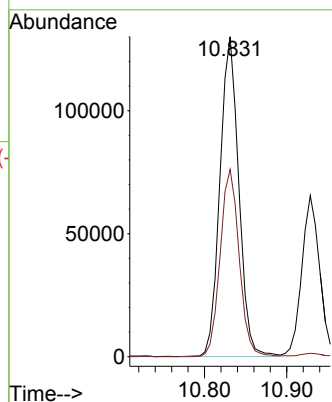
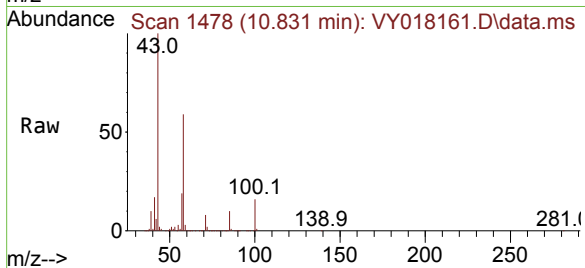




#59
2-Hexanone
Concen: 206.416 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

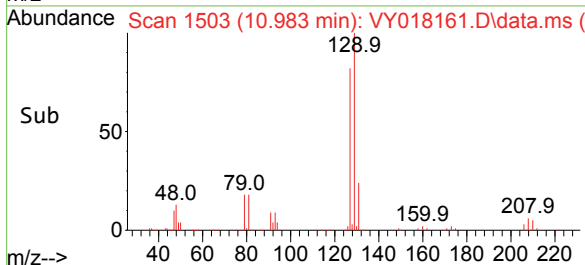
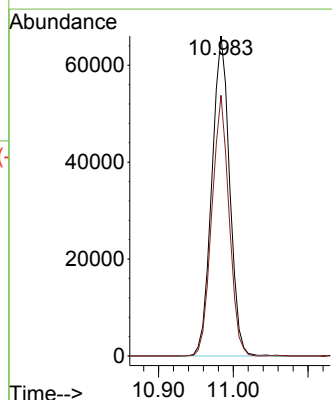
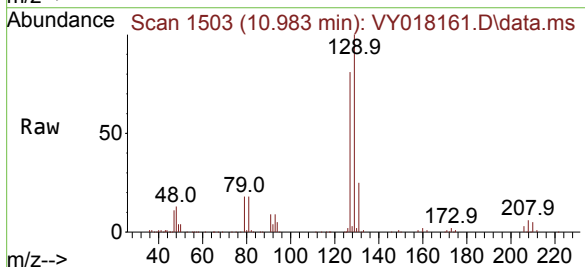
Instrument :
MSVOA_Y
ClientSampleId :

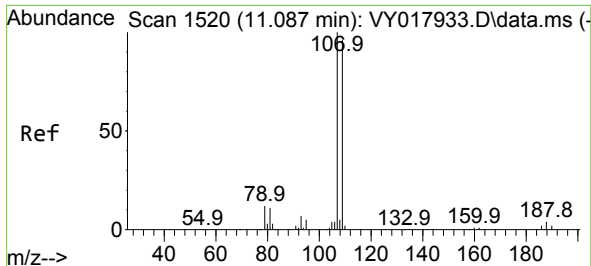
Tgt Ion: 43 Resp: 206597
Ion Ratio Lower Upper
43 100
58 59.3 31.4 94.0



#60
Dibromochloromethane
Concen: 44.840 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 129 Resp: 109655
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

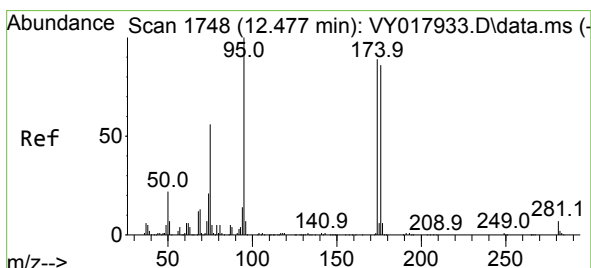
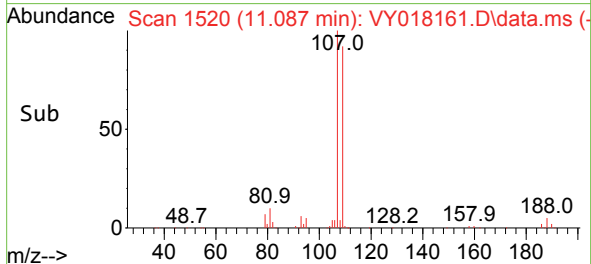
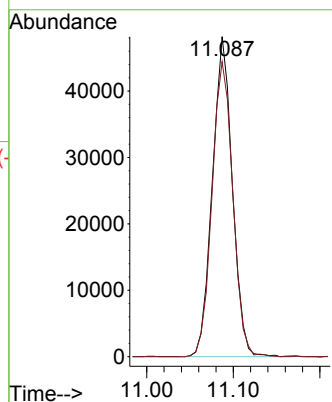
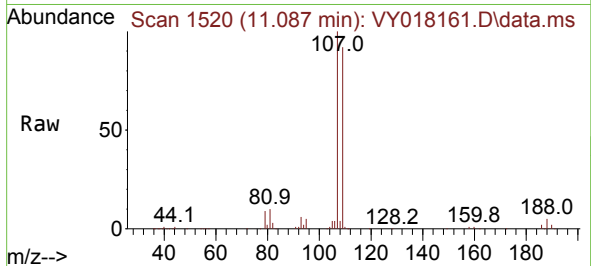




#61
1,2-Dibromoethane
Concen: 44.744 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

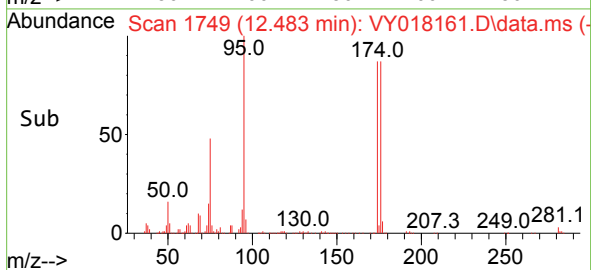
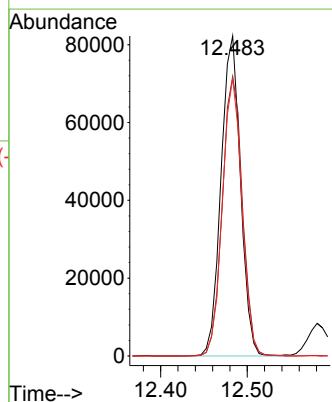
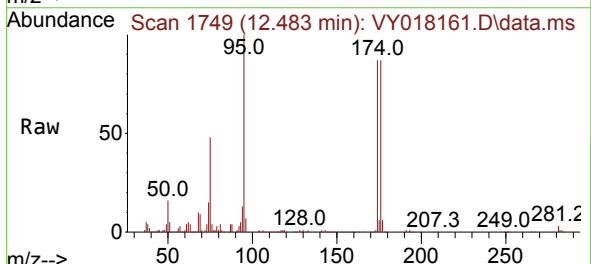
Instrument :
MSVOA_Y
ClientSampleId :

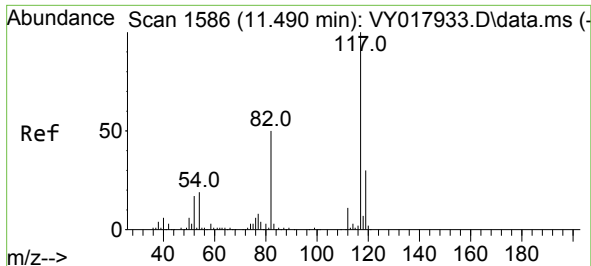
Tgt Ion:107 Resp: 77197
Ion Ratio Lower Upper
107 100
109 95.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 40.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

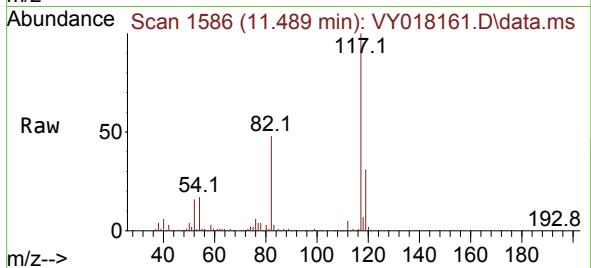
Tgt Ion: 95 Resp: 128100
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 87.3 0.0 171.4



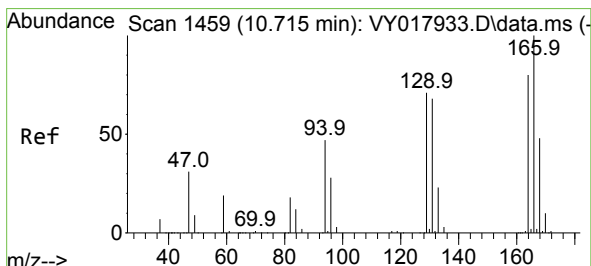
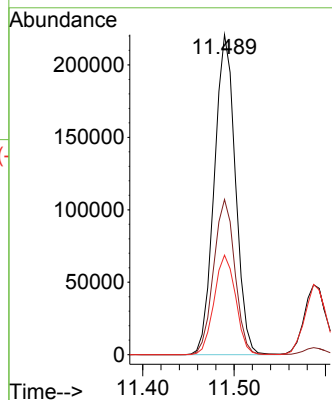
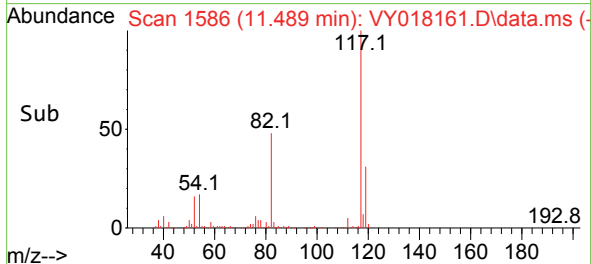


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

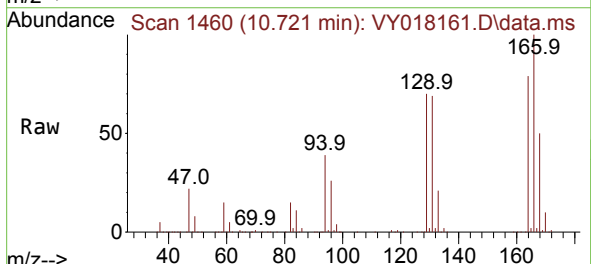
Instrument :
MSVOA_Y
ClientSampleId :



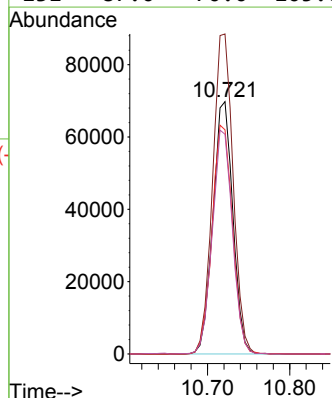
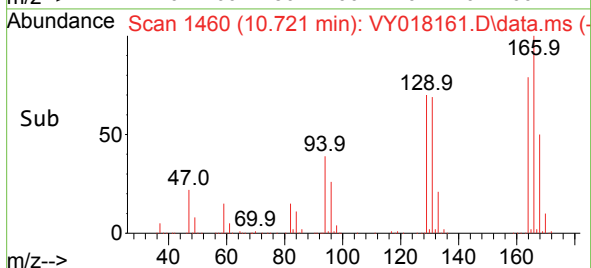
Tgt Ion:117 Resp: 354383
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 31.1 25.9 38.9

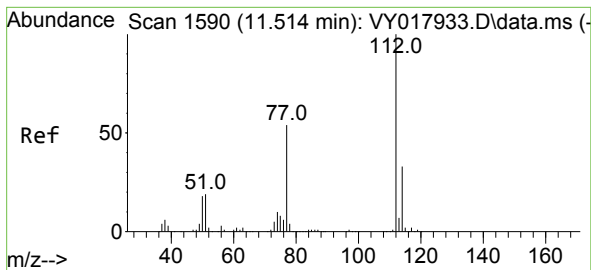


#64
Tetrachloroethene
Concen: 45.876 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56



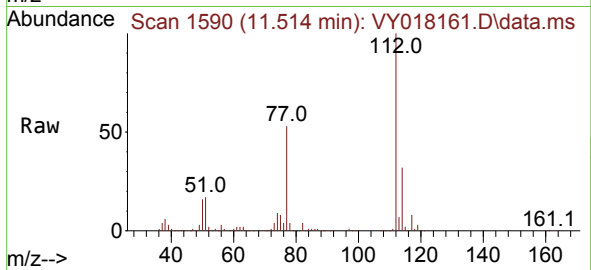
Tgt Ion:164 Resp: 117683
Ion Ratio Lower Upper
164 100
166 126.8 102.6 154.0
129 88.8 72.0 108.0
131 87.0 70.0 105.0



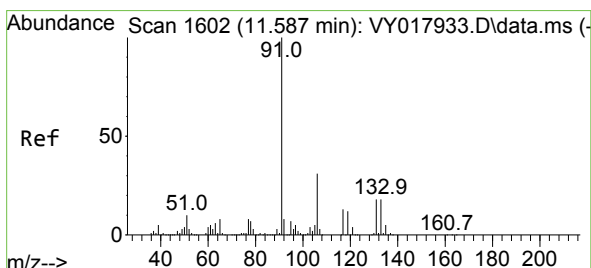
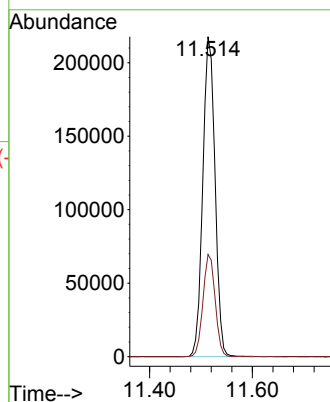
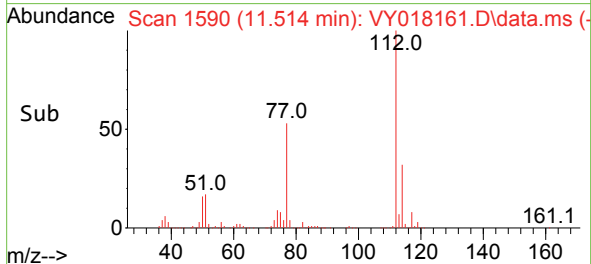


#65
Chlorobenzene
Concen: 47.980 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

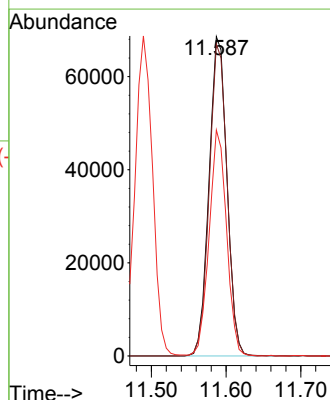
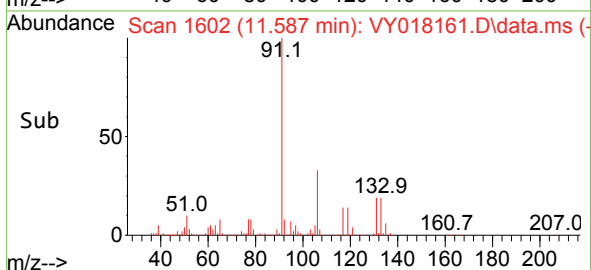
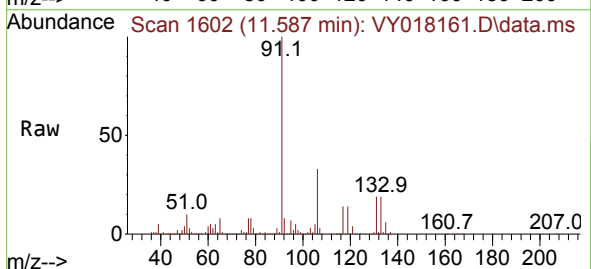


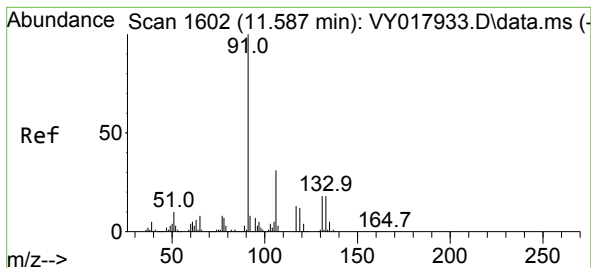
Tgt Ion:112 Resp: 358890
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.388 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion:131 Resp: 114203
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.3
119 69.1 34.1 102.2

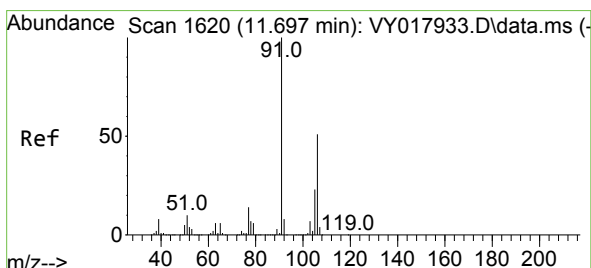
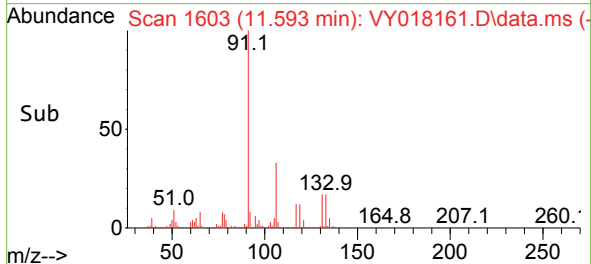
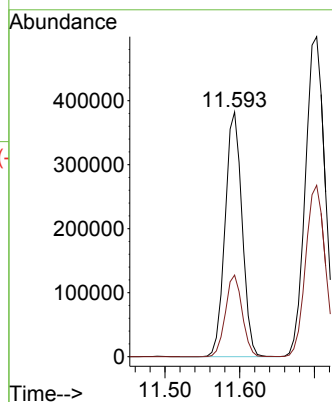
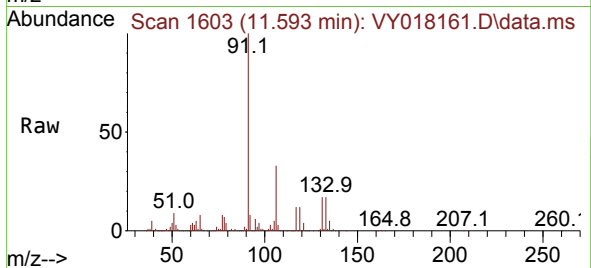




#67
Ethyl Benzene
Concen: 48.143 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

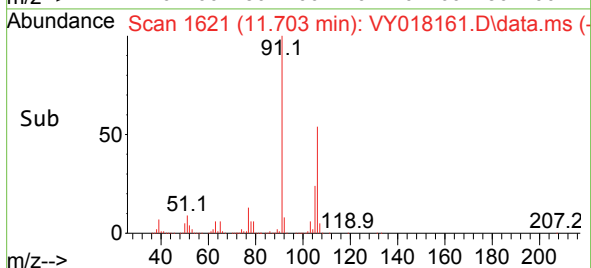
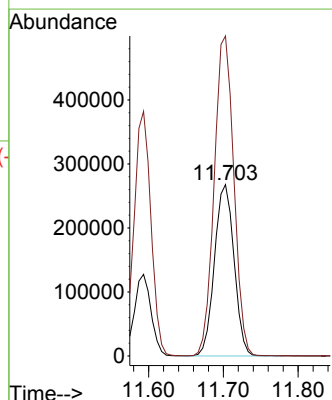
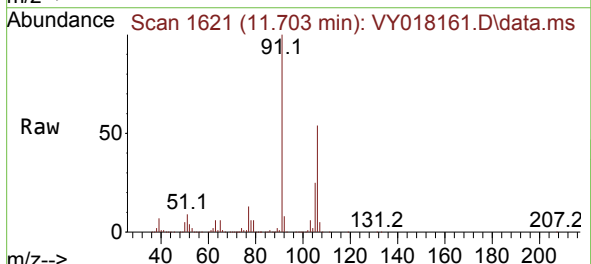
Instrument :
MSVOA_Y
ClientSampleId :

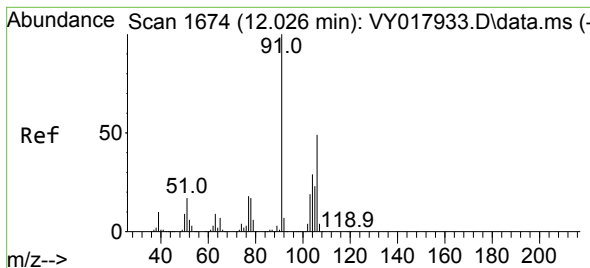
Tgt Ion: 91 Resp: 603891
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 96.642 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 106 Resp: 485738
Ion Ratio Lower Upper
106 100
91 187.6 156.0 234.0





#69

o-Xylene

Concen: 48.287 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

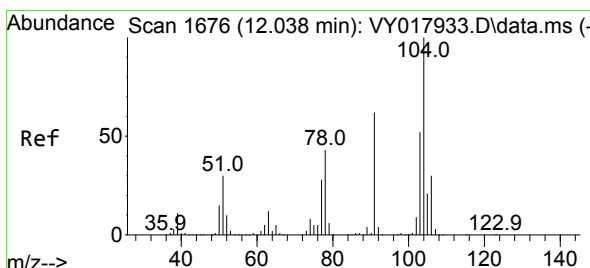
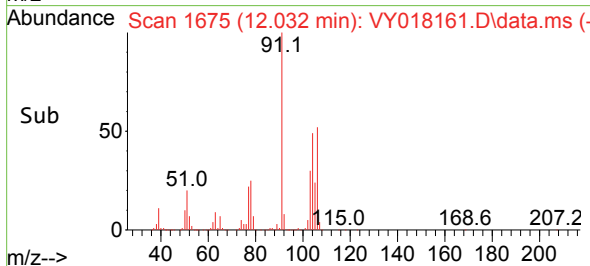
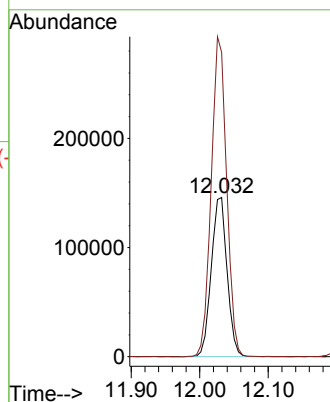
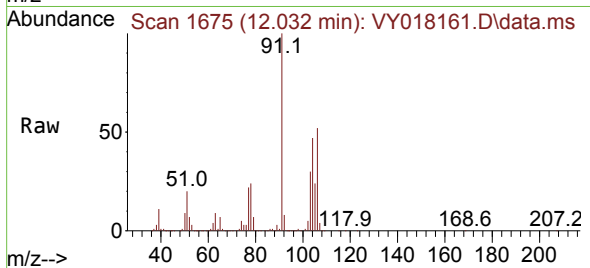
ClientSampleId :

Tgt Ion:106 Resp: 233152

Ion Ratio Lower Upper

106 100

91 196.2 103.6 310.8



#70

Styrene

Concen: 47.174 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

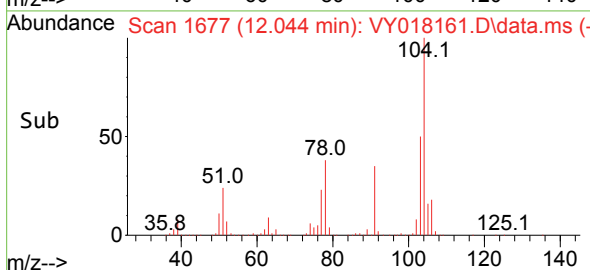
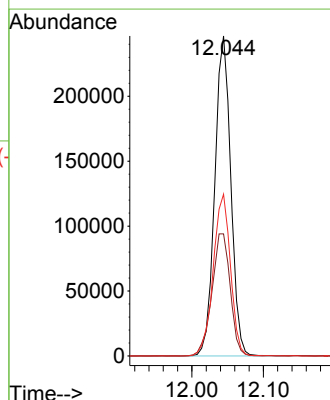
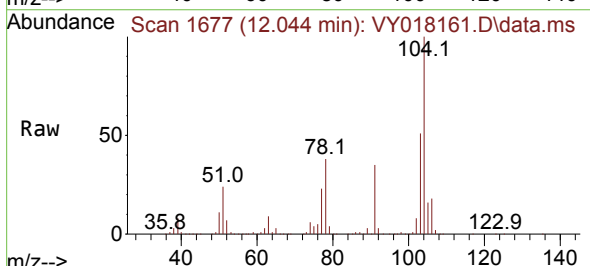
Tgt Ion:104 Resp: 383363

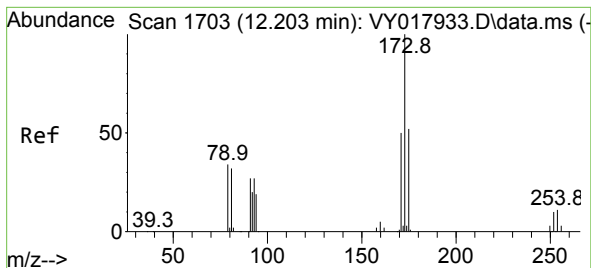
Ion Ratio Lower Upper

104 100

78 43.7 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 41.155 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018161.D

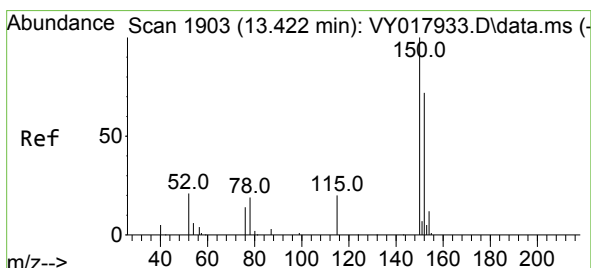
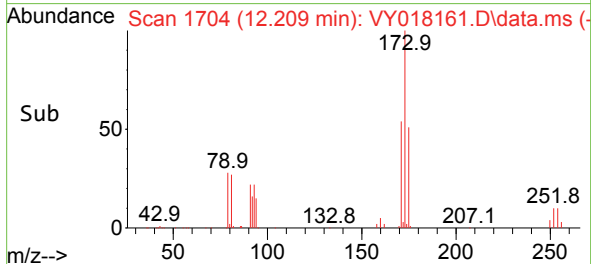
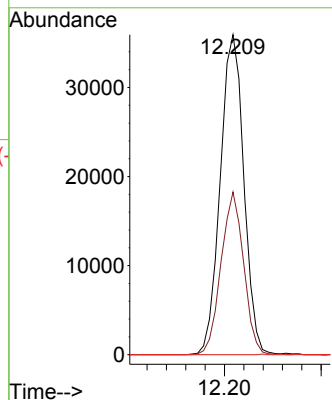
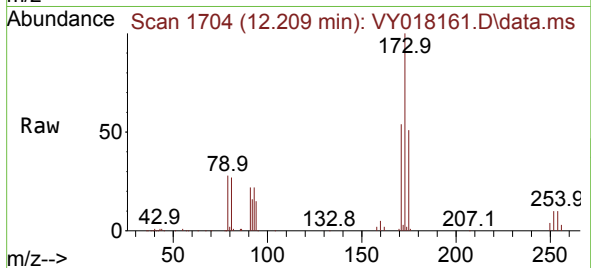
Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	60682
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

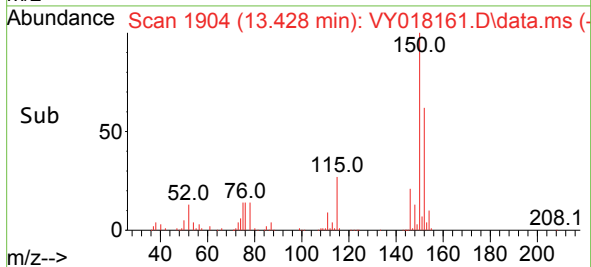
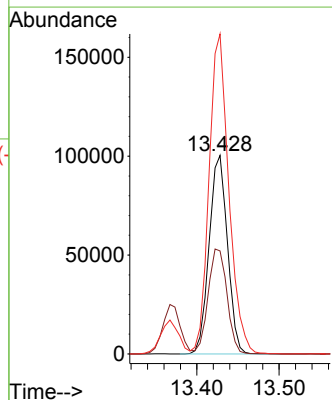
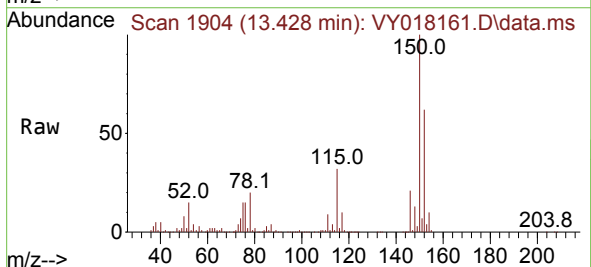
RT: 13.428 min Scan# 1904

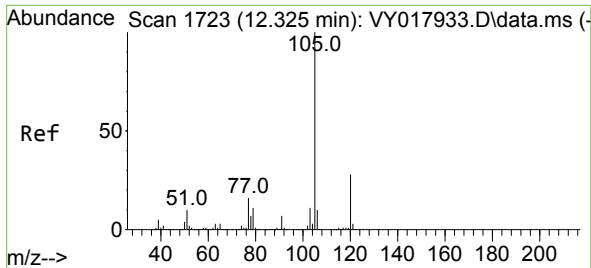
Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Tgt Ion:152	Resp:	155754
Ion Ratio	Lower	Upper
152	100	
115	54.8	28.2 84.7
150	173.8	0.0 345.6

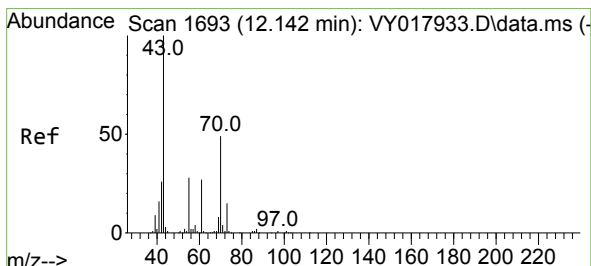
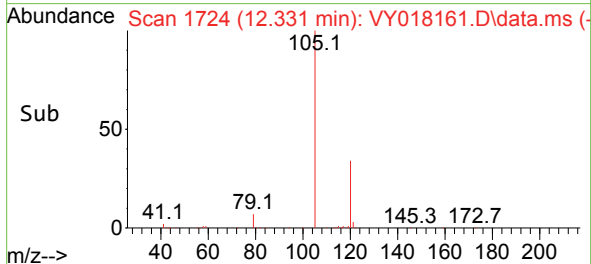
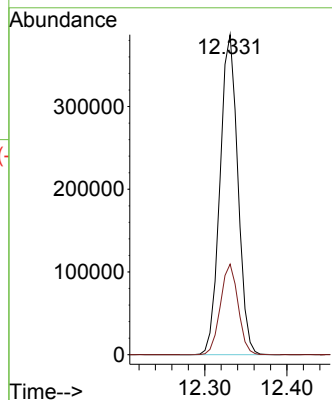
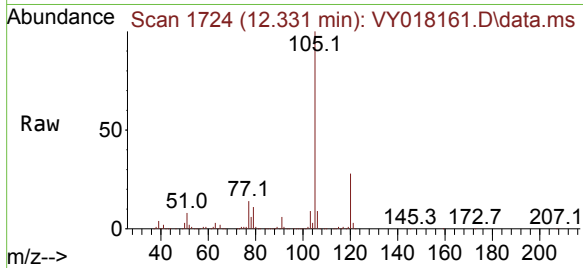




#73
Isopropylbenzene
Concen: 49.817 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

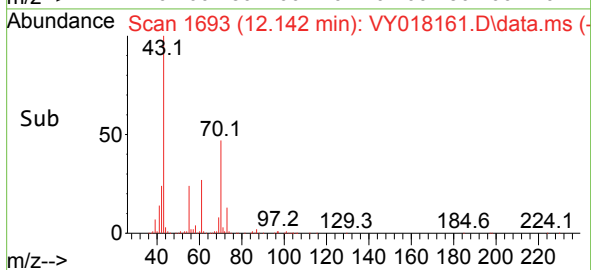
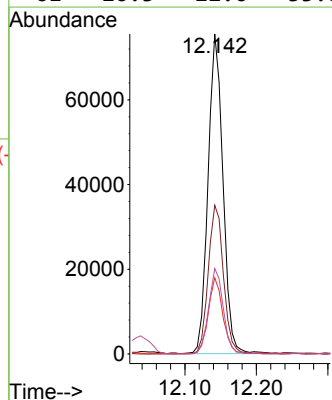
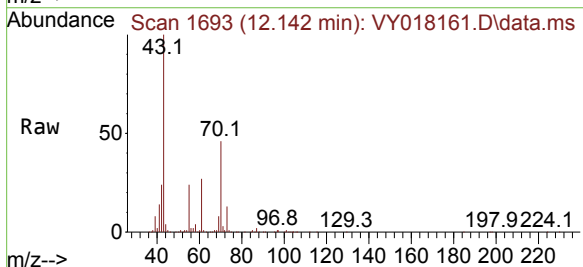
Instrument :
MSVOA_Y
ClientSampleId :

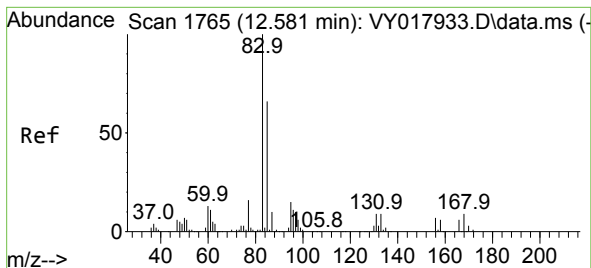
Tgt Ion:105 Resp: 583977
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#74
N-ethyl acetate
Concen: 42.545 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 43 Resp: 109463
Ion Ratio Lower Upper
43 100
70 47.5 41.4 62.2
55 23.1 23.3 34.9#
61 26.3 22.6 33.8

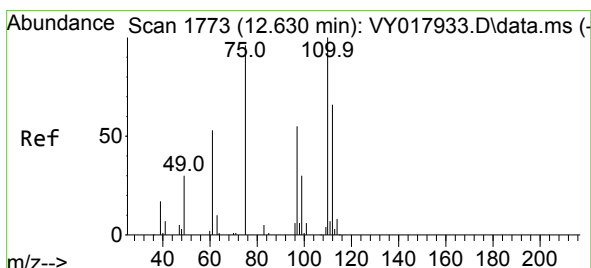
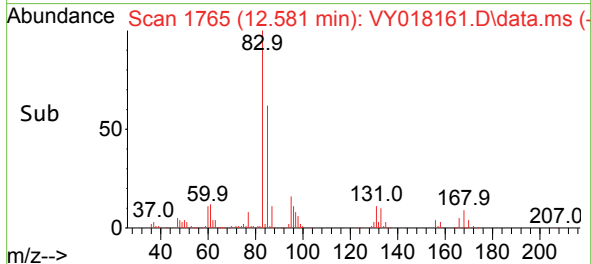
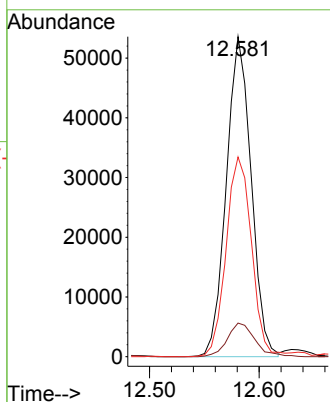
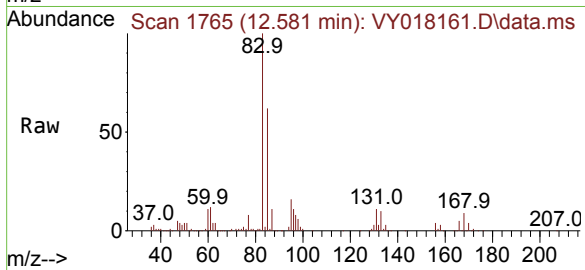




#75
1,1,2,2-Tetrachloroethane
Concen: 45.266 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

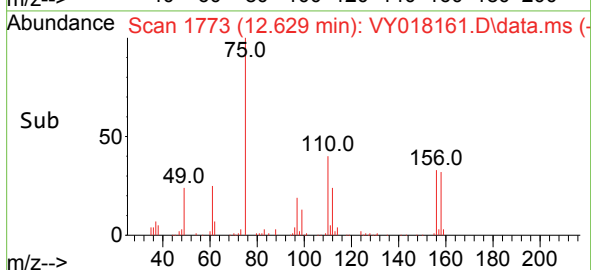
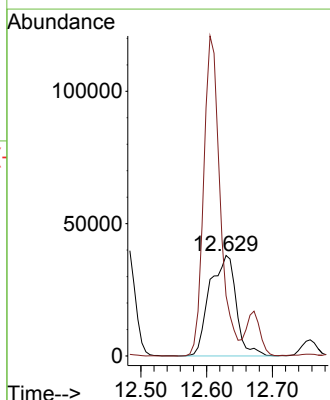
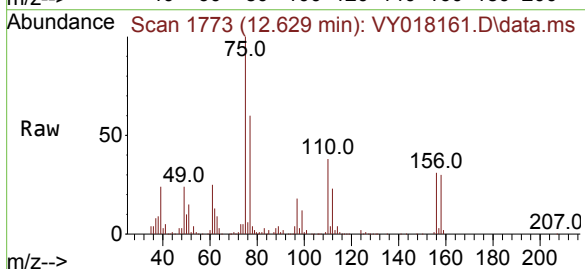
Instrument :
MSVOA_Y
ClientSampleId :

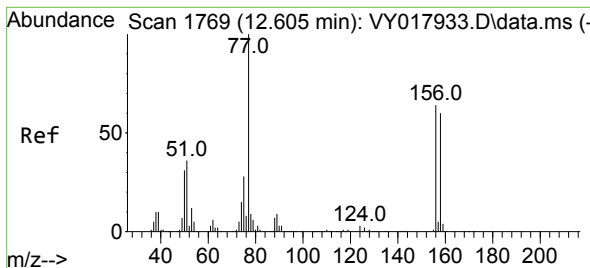
Tgt Ion:	83	Resp:	84434
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.0	14.9
85	63.9	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 81.472 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.007 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion:	75	Resp:	106498
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.978 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

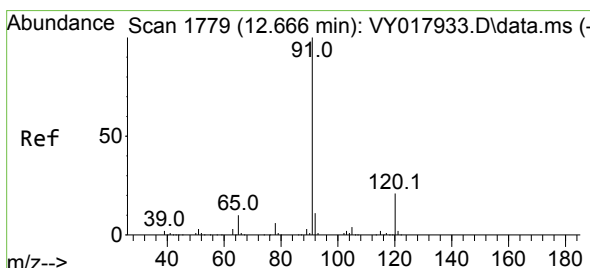
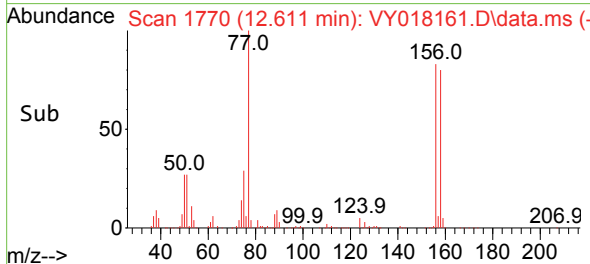
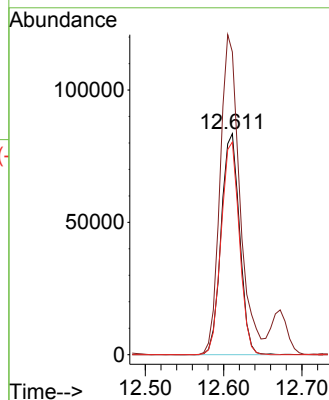
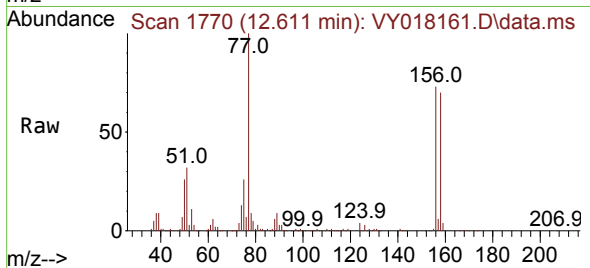
Tgt Ion:156 Resp: 136425

Ion Ratio Lower Upper

156 100

77 154.7 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.703 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018161.D

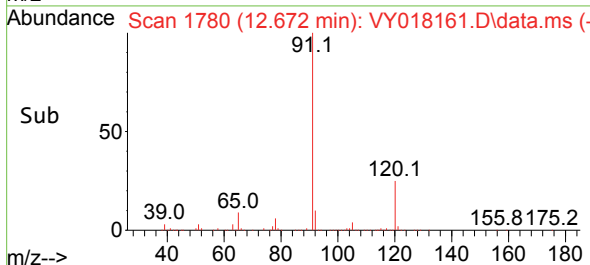
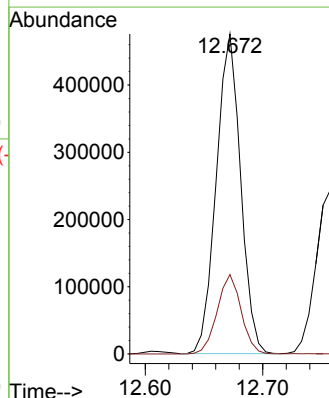
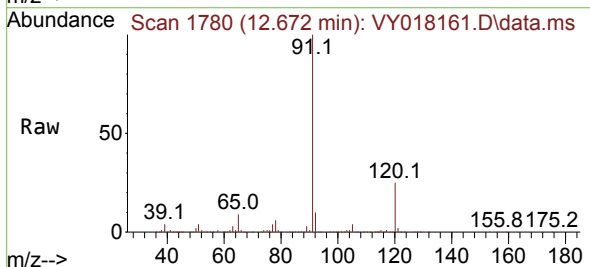
Acq: 06 May 2024 16:56

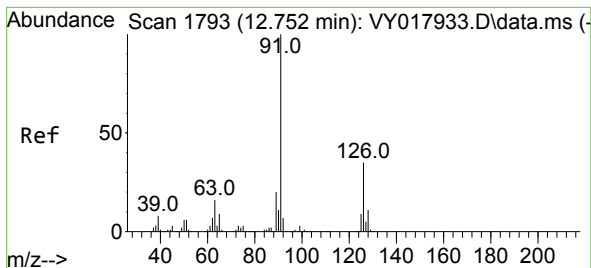
Tgt Ion: 91 Resp: 684437

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.581 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

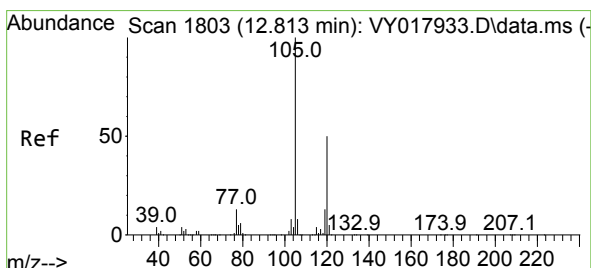
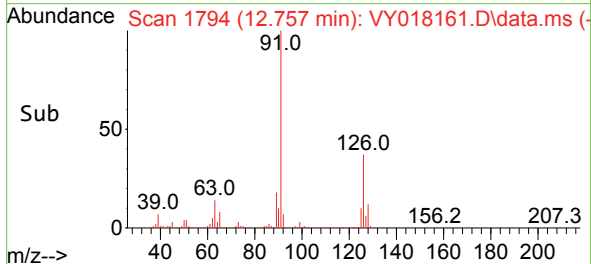
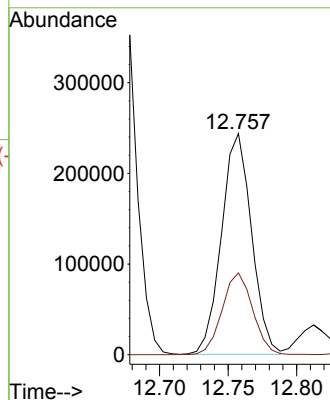
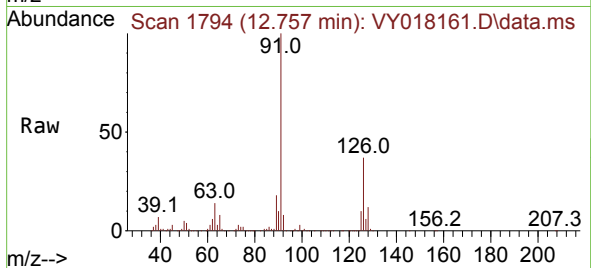
ClientSampleId :

Tgt Ion: 91 Resp: 372449

Ion Ratio Lower Upper

91 100

126 37.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.088 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018161.D

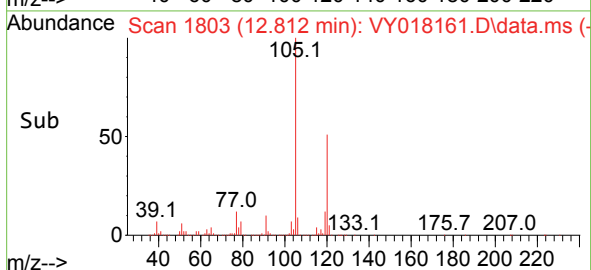
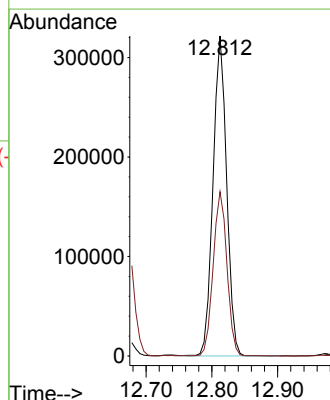
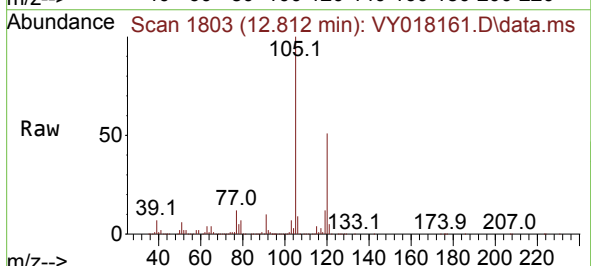
Acq: 06 May 2024 16:56

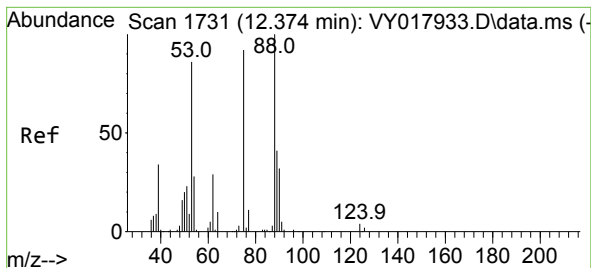
Tgt Ion: 105 Resp: 463771

Ion Ratio Lower Upper

105 100

120 51.8 25.1 75.2

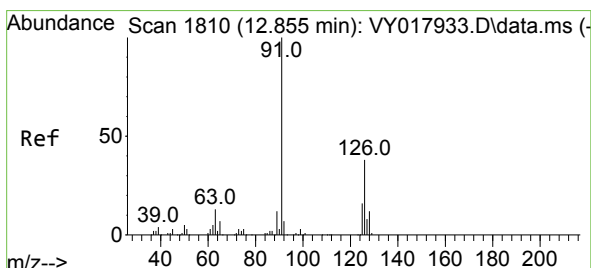
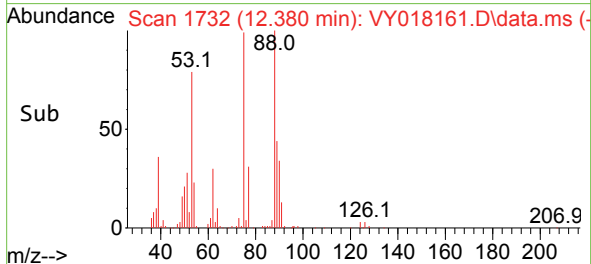
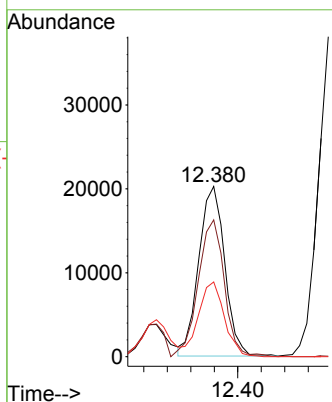
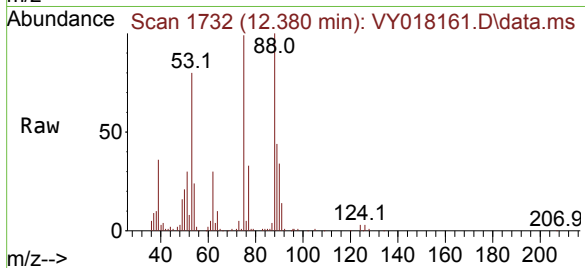




#81
trans-1,4-Dichloro-2-butene
Concen: 43.271 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

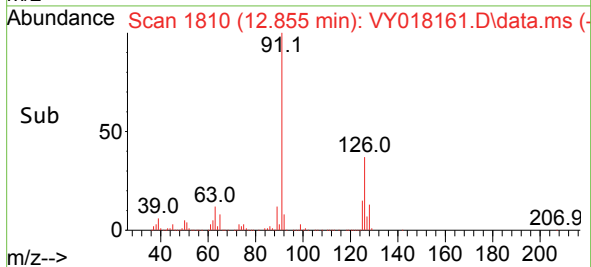
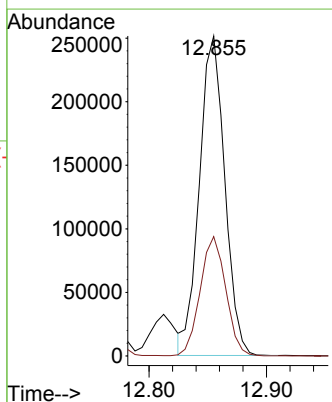
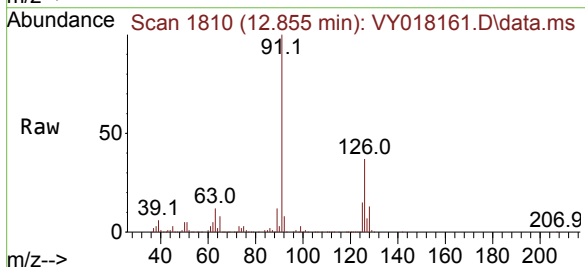
Instrument :
MSVOA_Y
ClientSampleId :

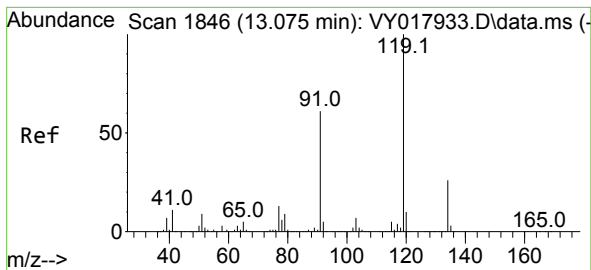
Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
53 81.3 66.8 100.2
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.003 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion: 91 Resp: 377113
Ion Ratio Lower Upper
91 100
126 37.8 17.6 52.9

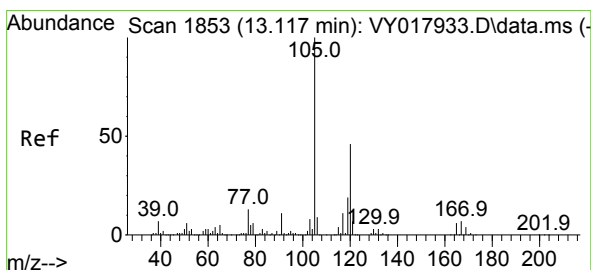
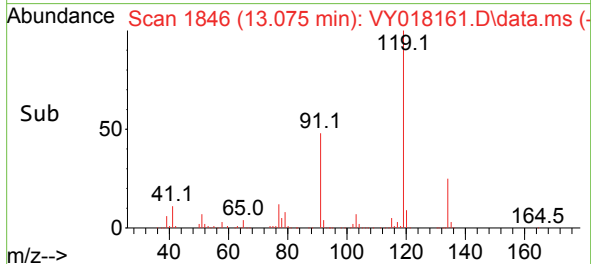
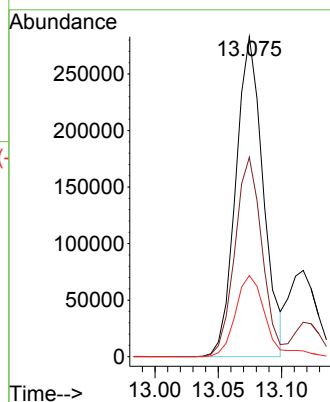
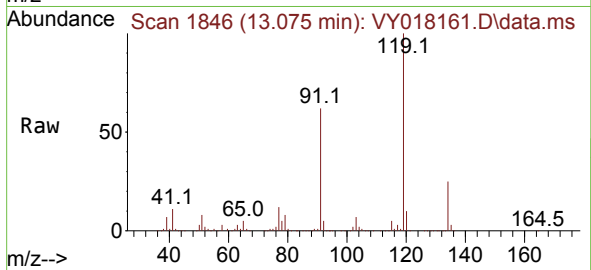




#83
tert-Butylbenzene
Concen: 49.502 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

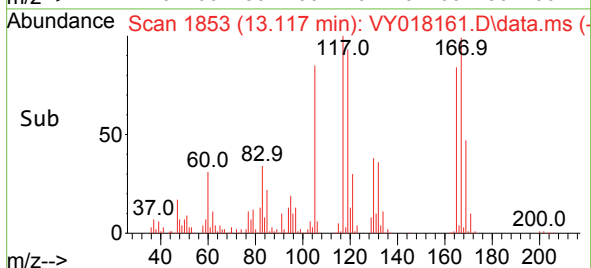
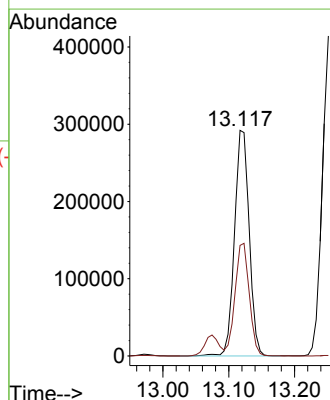
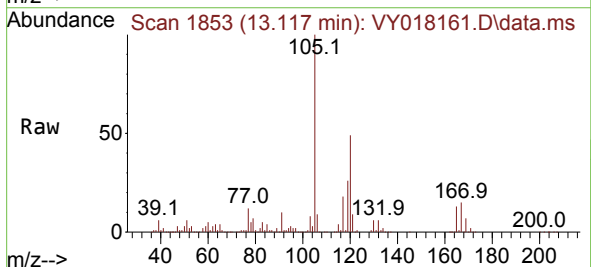
Instrument :
MSVOA_Y
ClientSampleId :

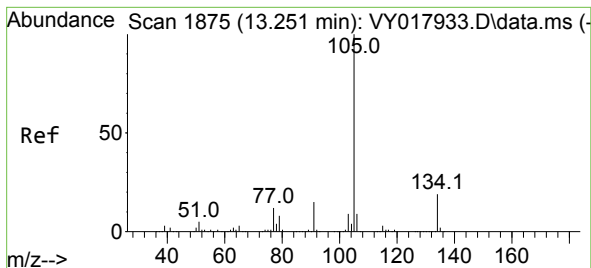
Tgt Ion:119 Resp: 428173
Ion Ratio Lower Upper
119 100
91 61.3 31.3 93.8
134 27.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 49.027 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion:105 Resp: 453766
Ion Ratio Lower Upper
105 100
120 48.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.044 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

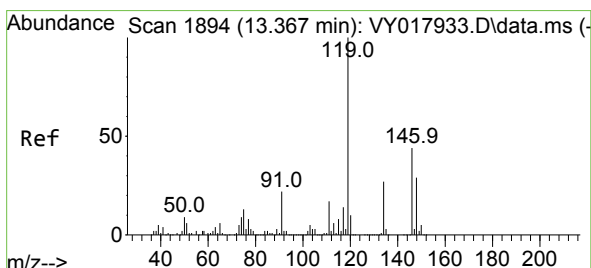
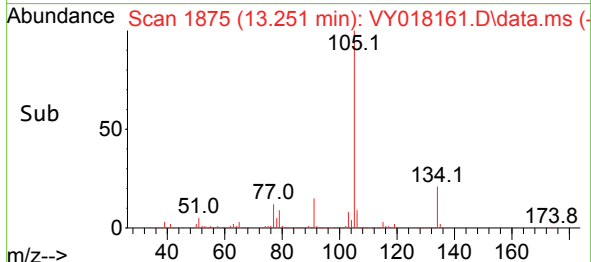
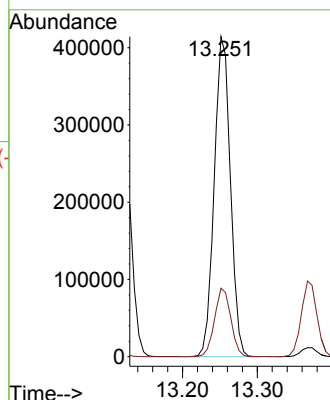
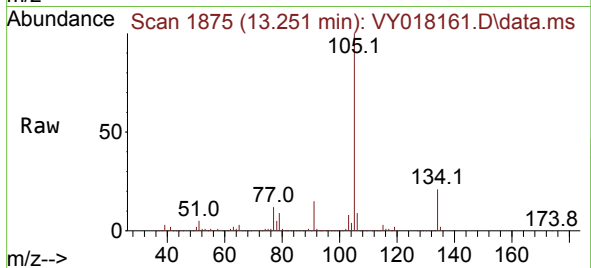
ClientSampleId :

Tgt Ion:105 Resp: 621167

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.317 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

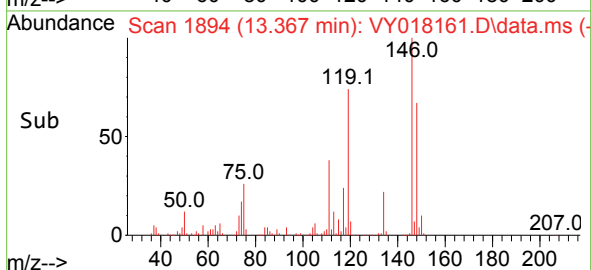
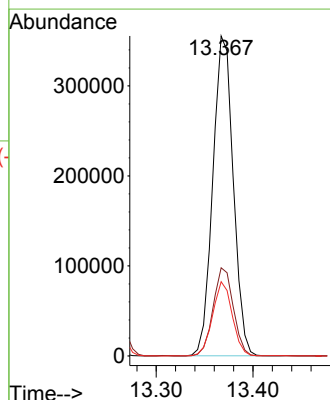
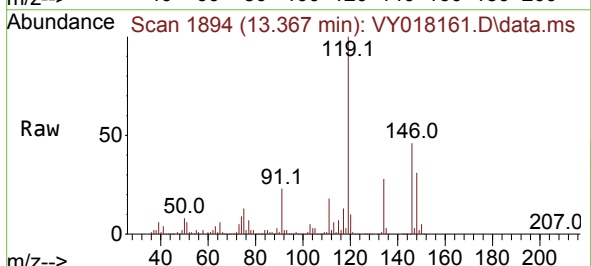
Tgt Ion:119 Resp: 520487

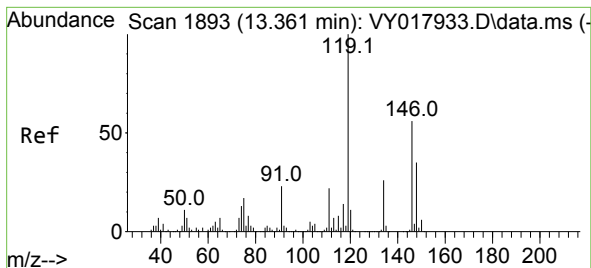
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.745 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

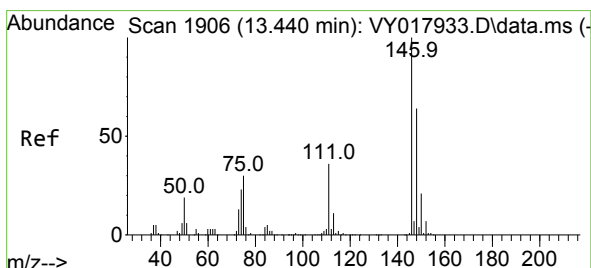
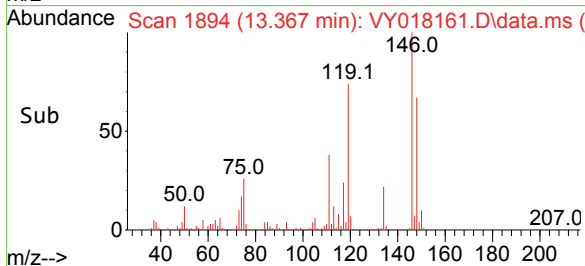
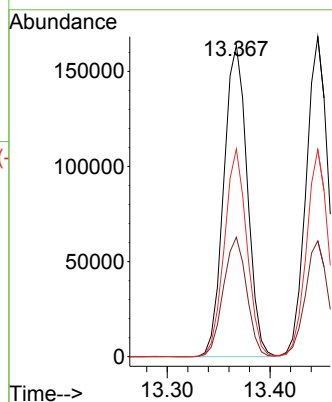
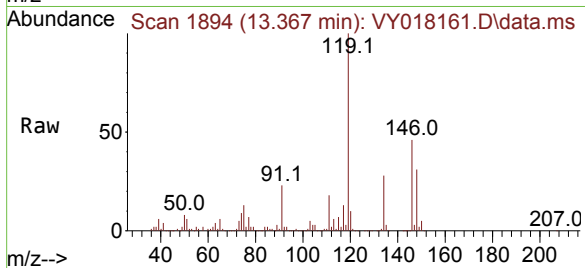
Tgt Ion:146 Resp: 259691

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.304 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

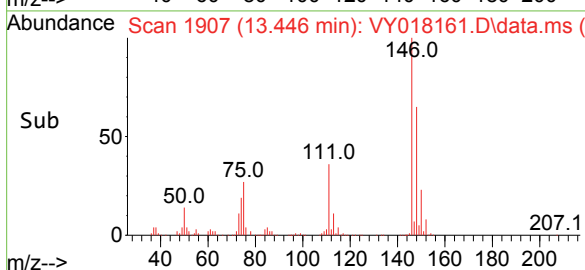
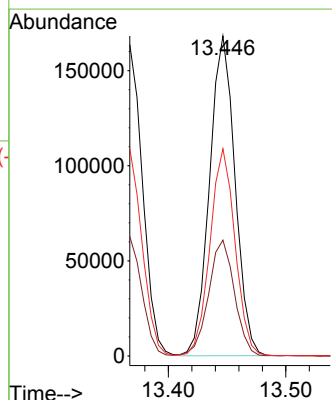
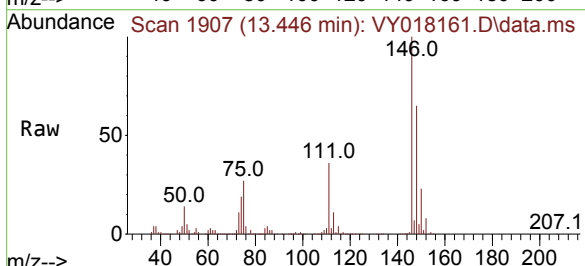
Tgt Ion:146 Resp: 253637

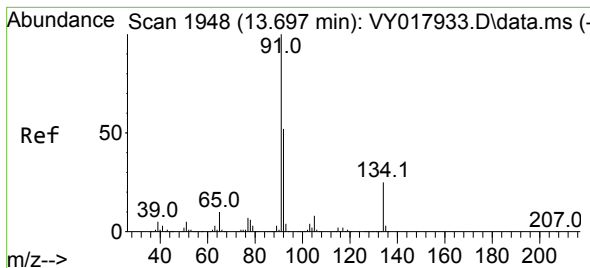
Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 51.108 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

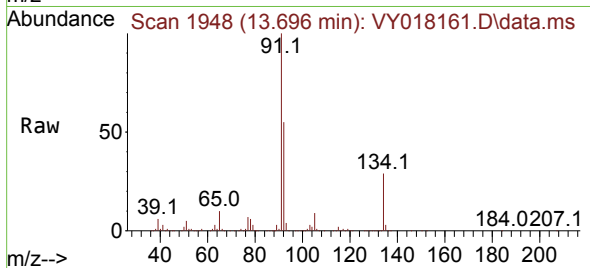
Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :



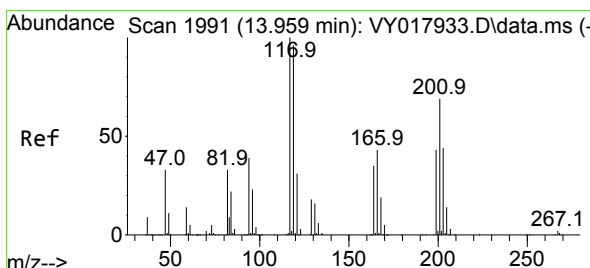
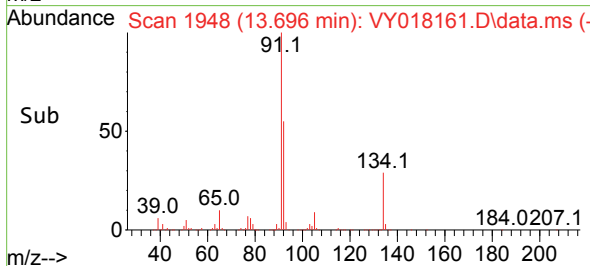
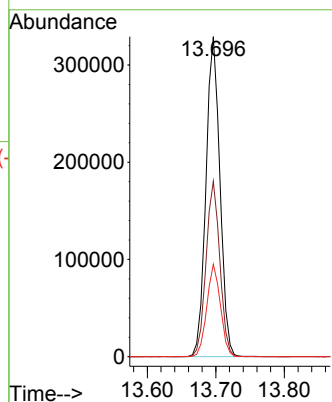
Tgt Ion: 91 Resp: 467855

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 28.1 12.9 38.7



#90

Hexachloroethane

Concen: 48.321 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018161.D

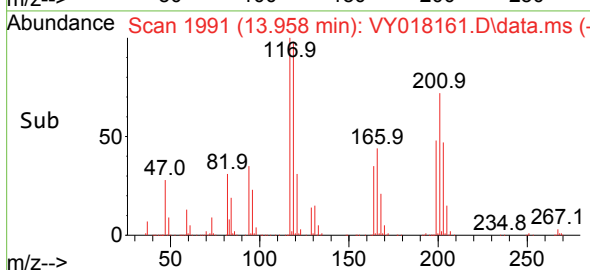
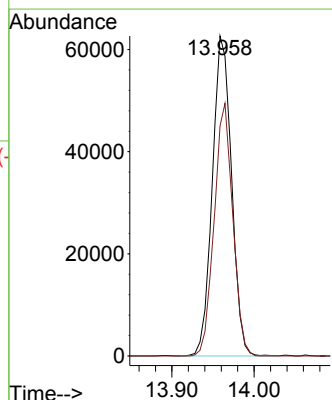
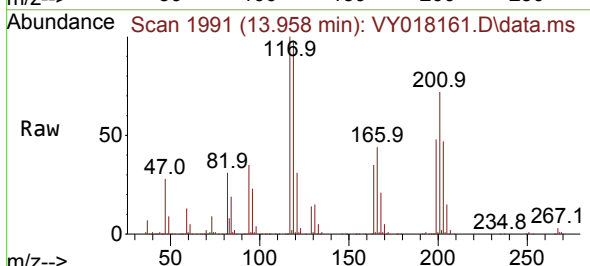
Acq: 06 May 2024 16:56

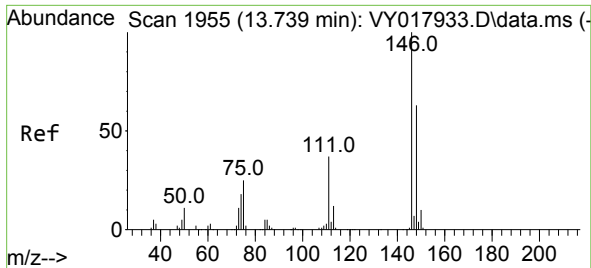
Tgt Ion: 117 Resp: 101551

Ion Ratio Lower Upper

117 100

201 76.6 37.4 112.2

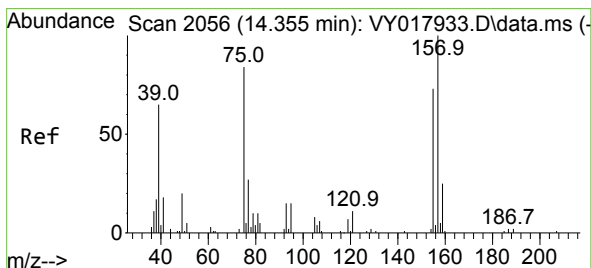
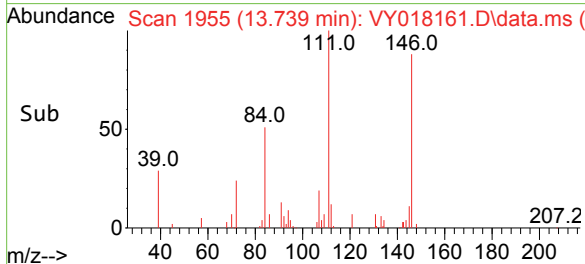
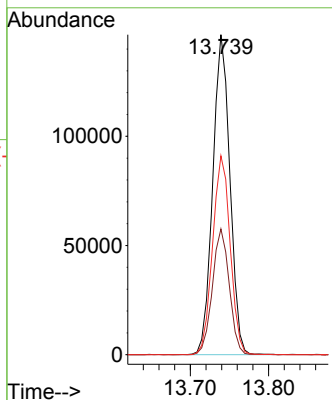
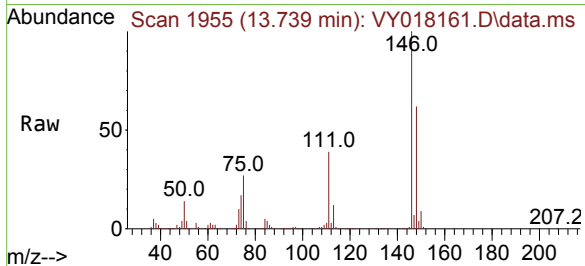




#91
1,2-Dichlorobenzene
Concen: 47.993 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

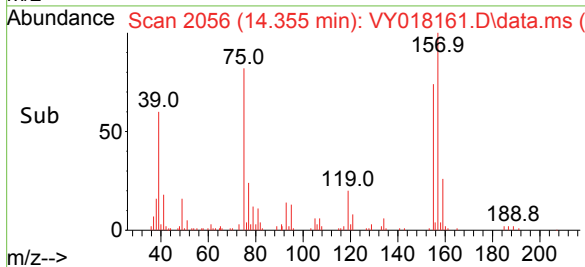
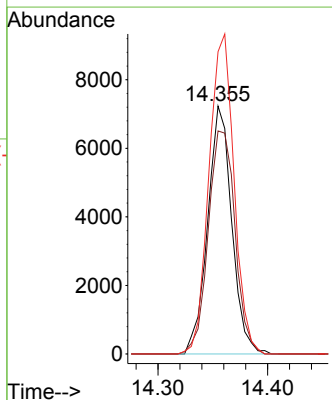
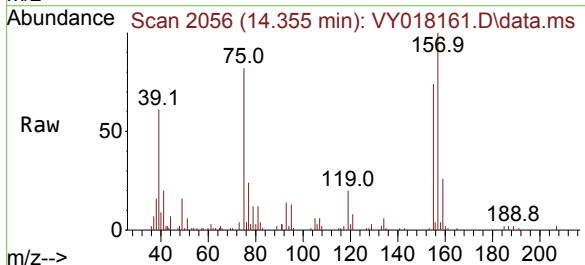
Instrument :
MSVOA_Y
ClientSampleId :

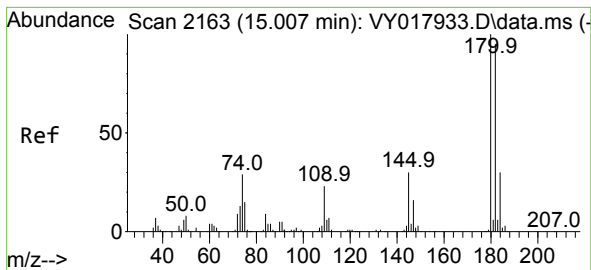
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.7
148	63.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.357 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018161.D
Acq: 06 May 2024 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	48.6	145.8
157	133.7	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.022 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

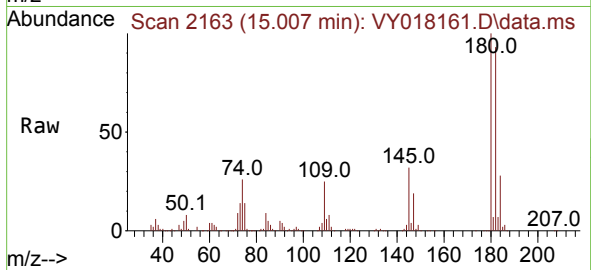
Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :



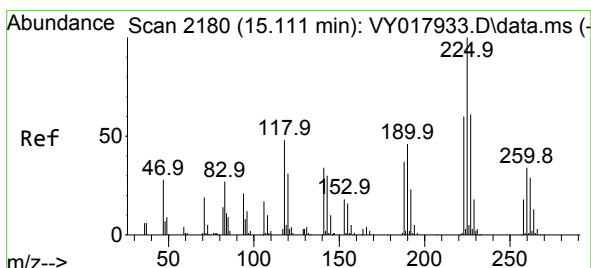
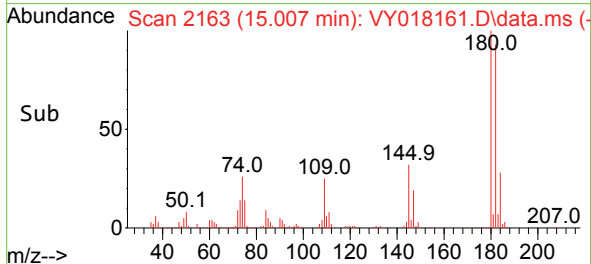
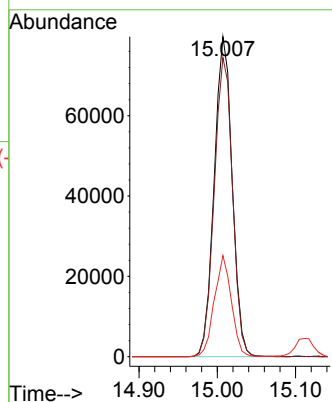
Tgt Ion:180 Resp: 127188

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.801 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

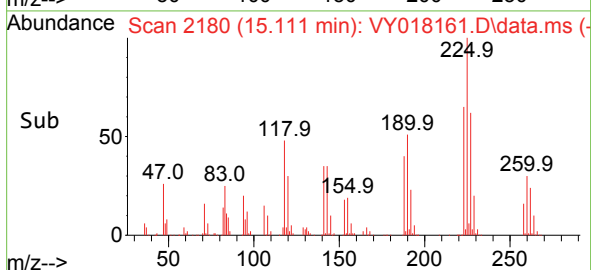
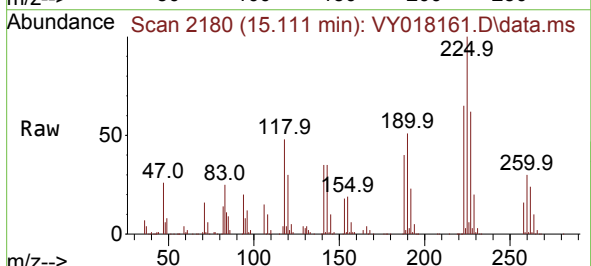
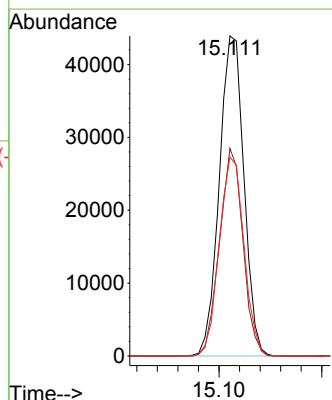
Tgt Ion:225 Resp: 72958

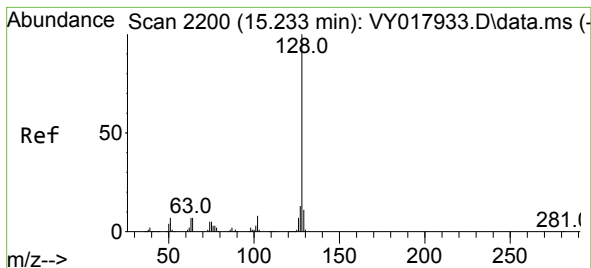
Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 62.4 31.9 95.9





#95

Naphthalene

Concen: 45.719 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

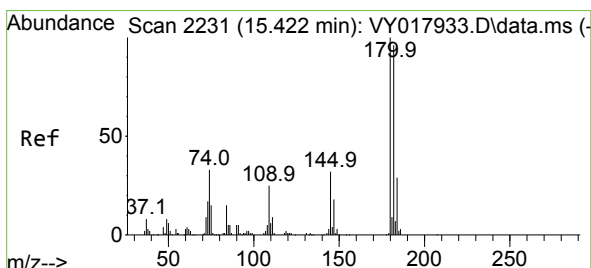
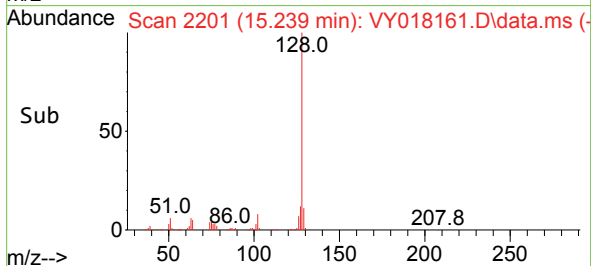
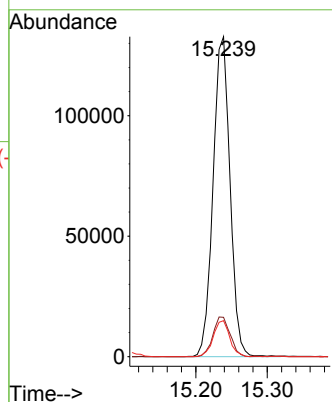
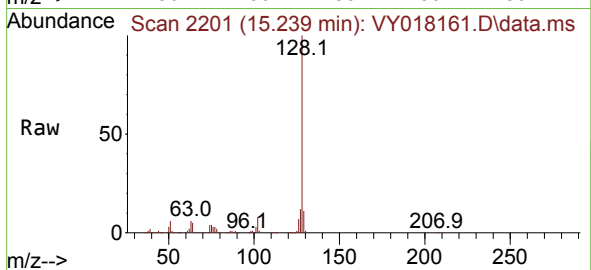
Tgt Ion:128 Resp: 218411

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.605 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018161.D

Acq: 06 May 2024 16:56

Tgt Ion:180 Resp: 103063

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 32.0 15.4 46.1

