

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018758.D
 Acq On : 10 Jul 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:18:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	118062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	159255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59373	51.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.704	113	60918	52.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.173	98	219847	50.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.477	95	76906	51.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	52523	53.092	ug/l	96
3) Chloromethane	2.107	50	73641	48.985	ug/l	97
4) Vinyl Chloride	2.241	62	93279	53.042	ug/l	99
5) Bromomethane	2.638	94	61561	50.891	ug/l	94
6) Chloroethane	2.778	64	60940	53.338	ug/l	97
7) Trichlorofluoromethane	3.107	101	119939	52.192	ug/l	97
8) Diethyl Ether	3.515	74	31306	55.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	61986	52.573	ug/l	96
10) Methyl Iodide	4.070	142	72683	57.246	ug/l	92
11) Tert butyl alcohol	4.942	59	21513	182.799	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	59866	52.485	ug/l	97
13) Acrolein	3.717	56	20093	213.100	ug/l	95
14) Allyl chloride	4.460	41	76515	54.147	ug/l	90
15) Acrylonitrile	5.143	53	60047	271.756	ug/l	98
16) Acetone	3.930	43	63846	298.091	ug/l	90
17) Carbon Disulfide	4.174	76	173579	54.347	ug/l	99
18) Methyl Acetate	4.460	43	33469	53.779	ug/l	97
19) Methyl tert-butyl Ether	5.198	73	146375	55.319	ug/l	96
20) Methylene Chloride	4.698	84	63709	52.801	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	63394	52.659	ug/l	97
22) Diisopropyl ether	6.106	45	166167	54.059	ug/l	96
23) Vinyl Acetate	6.039	43	663180	273.856	ug/l	97
24) 1,1-Dichloroethane	5.997	63	103281	52.626	ug/l	97
25) 2-Butanone	6.972	43	84130	280.223	ug/l	98
26) 2,2-Dichloropropane	6.966	77	94542	51.919	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	73581	52.498	ug/l	97
28) Bromochloromethane	7.320	49	37544	47.630	ug/l	99
29) Tetrahydrofuran	7.332	42	50674	275.317	ug/l	96
30) Chloroform	7.496	83	116915	53.453	ug/l	93
31) Cyclohexane	7.777	56	86316	48.361	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	109767	53.968	ug/l	99
36) 1,1-Dichloropropene	7.905	75	82805	51.979	ug/l	99
37) Ethyl Acetate	7.057	43	36666	55.373	ug/l	95
38) Carbon Tetrachloride	7.893	117	101180	52.733	ug/l	96
39) Methylcyclohexane	9.179	83	106475	52.155	ug/l	98
40) Benzene	8.149	78	242503	52.475	ug/l	97

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 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	18760	49.693	ug/l	94
42) 1,2-Dichloroethane	8.228	62	68591	53.012	ug/l	97
43) Isopropyl Acetate	8.265	43	72519	55.039	ug/l	92
44) Trichloroethene	8.929	130	70721	53.537	ug/l	100
45) 1,2-Dichloropropane	9.210	63	53205	52.870	ug/l	96
46) Dibromomethane	9.301	93	36042	55.254	ug/l	98
47) Bromodichloromethane	9.490	83	90328	55.431	ug/l	98
48) Methyl methacrylate	9.289	41	33343	55.675	ug/l #	85
49) 1,4-Dioxane	9.295	88	8131	1063.379	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	187050	278.054	ug/l	94
52) Toluene	10.240	92	162891	53.032	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	77797	55.294	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	91924	55.692	ug/l #	91
55) 1,1,2-Trichloroethane	10.636	97	46416	56.193	ug/l	99
56) Ethyl methacrylate	10.502	69	60265	55.416	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	75306	54.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	123441	237.590	ug/l	93
59) 2-Hexanone	10.825	43	133561	283.794	ug/l	92
60) Dibromochloromethane	10.977	129	62067	54.688	ug/l	98
61) 1,2-Dibromoethane	11.081	107	42937	53.469	ug/l	98
64) Tetrachloroethene	10.715	164	69548	53.953	ug/l	99
65) Chlorobenzene	11.514	112	178613	53.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	61685	53.292	ug/l	97
67) Ethyl Benzene	11.587	91	311157	52.871	ug/l	97
68) m/p-Xylenes	11.697	106	242778	105.122	ug/l	95
69) o-Xylene	12.026	106	116065	53.455	ug/l	98
70) Styrene	12.038	104	195403	53.936	ug/l	96
71) Bromoform	12.203	173	36209	57.391	ug/l #	99
73) Isopropylbenzene	12.325	105	306595	52.083	ug/l	98
74) N-amyl acetate	12.142	43	65707	54.580	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	48564	52.332	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	65179	103.464	ug/l #	100
77) Bromobenzene	12.605	156	72508	51.596	ug/l	95
78) n-propylbenzene	12.666	91	360752	51.606	ug/l	98
79) 2-Chlorotoluene	12.752	91	198919	50.607	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	247874	51.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	15673	55.681	ug/l	88
82) 4-Chlorotoluene	12.849	91	206397	50.993	ug/l	97
83) tert-Butylbenzene	13.069	119	229444	51.598	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	247536	51.718	ug/l	100
85) sec-Butylbenzene	13.251	105	329115	52.143	ug/l	97
86) p-Isopropyltoluene	13.367	119	278885	51.181	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	141828	51.385	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	140139	51.228	ug/l	99
89) n-Butylbenzene	13.690	91	252944	51.203	ug/l	99
90) Hexachloroethane	13.959	117	52357	51.666	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	126726	53.152	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8148	54.186	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	78038	53.619	ug/l	97
94) Hexachlorobutadiene	15.111	225	43738	52.137	ug/l	98
95) Naphthalene	15.233	128	139437	55.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65749	52.798	ug/l	98

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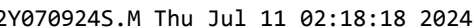
Instrument :
MSVOA_Y
ClientSampleId :

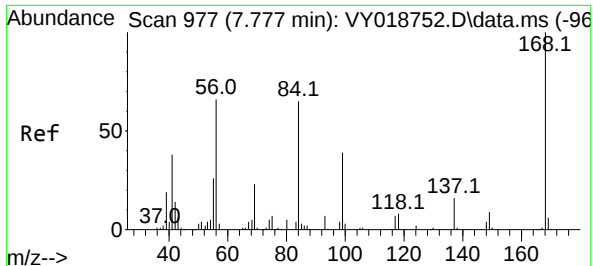
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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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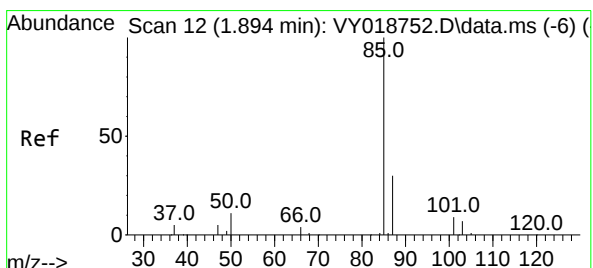
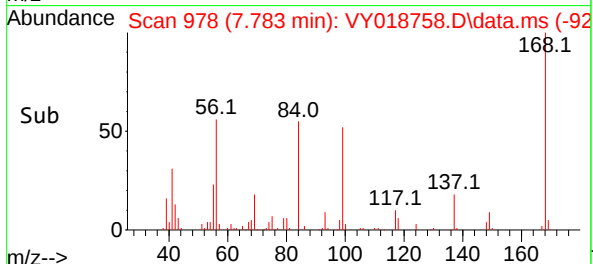
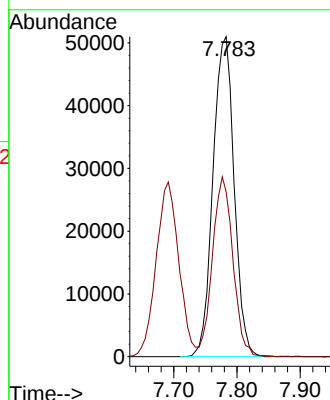
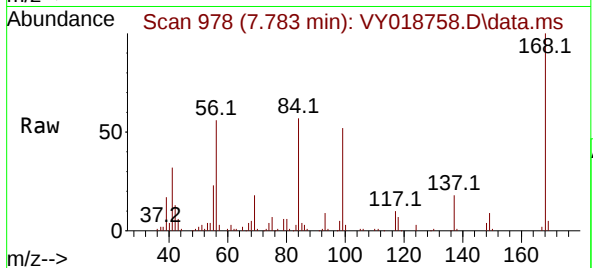




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018758.D
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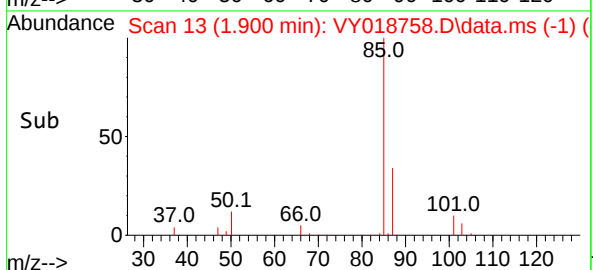
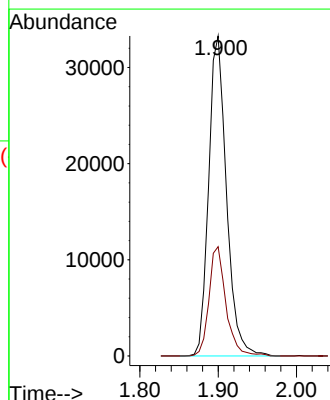
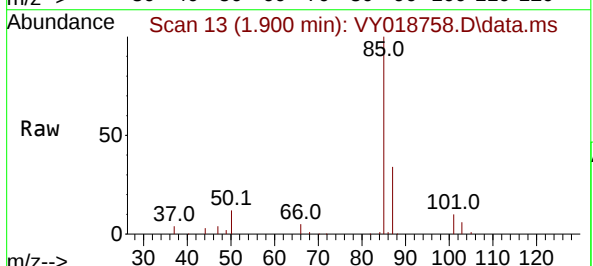
Instrument :
MSVOA_Y
ClientSampleId :

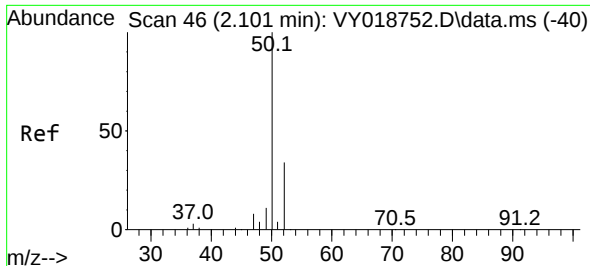
Tgt Ion:168 Resp: 118062
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 53.092 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 85 Resp: 52523
Ion Ratio Lower Upper
85 100
87 34.2 16.0 48.0

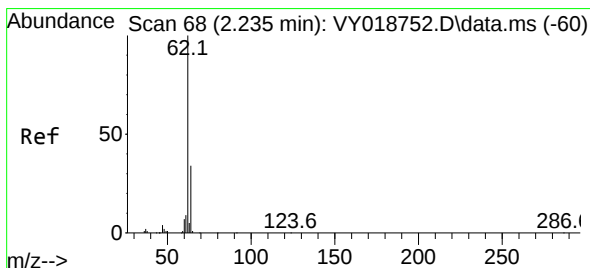
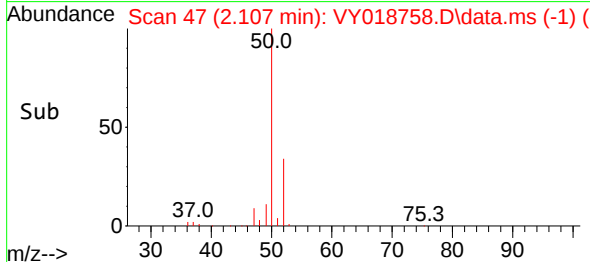
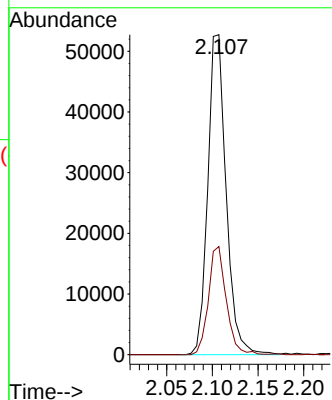
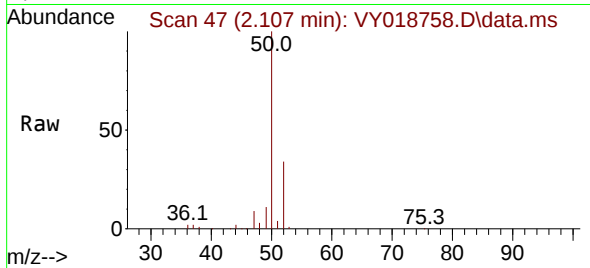




#3
Chloromethane
Concen: 48.985 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

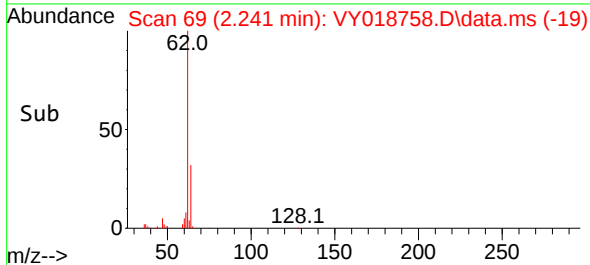
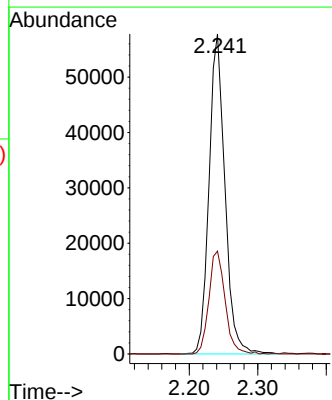
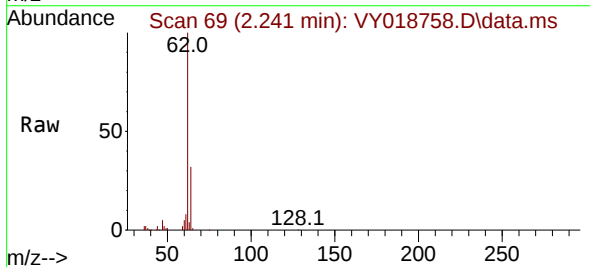
Instrument :
MSVOA_Y
ClientSampleId :

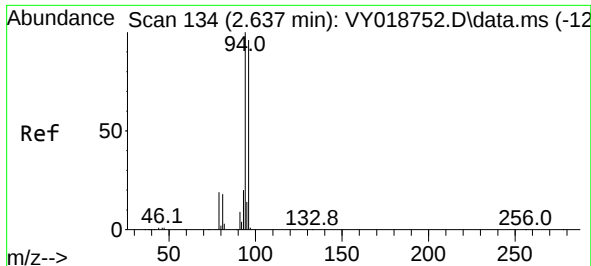
Tgt Ion: 50 Resp: 73641
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 53.042 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 62 Resp: 93279
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

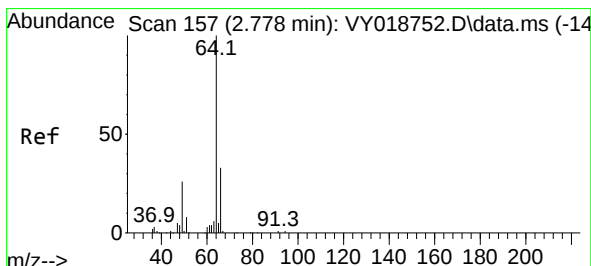
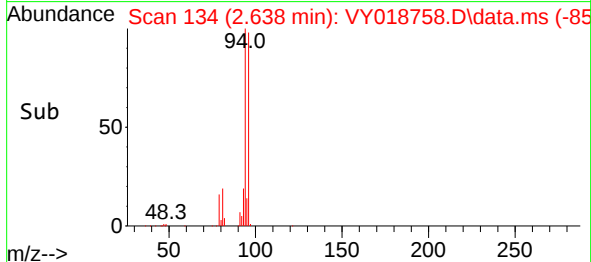
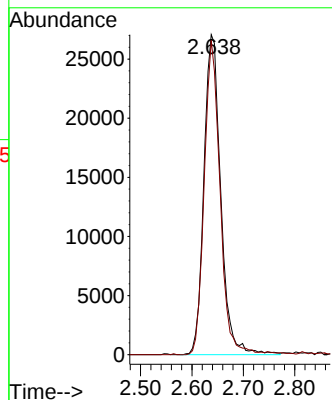
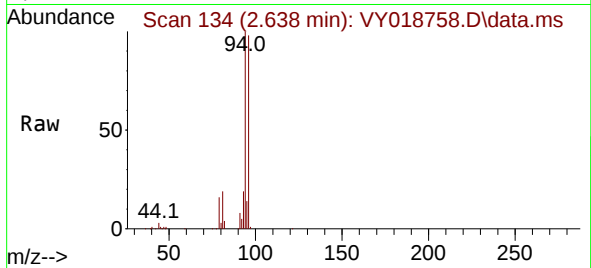




#5
Bromomethane
Concen: 50.891 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

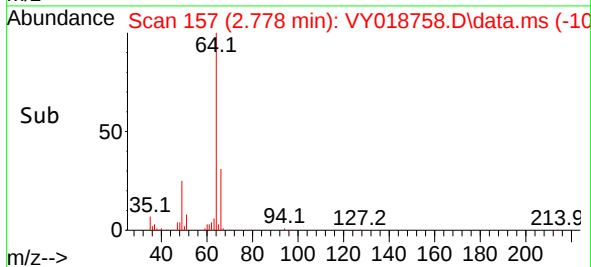
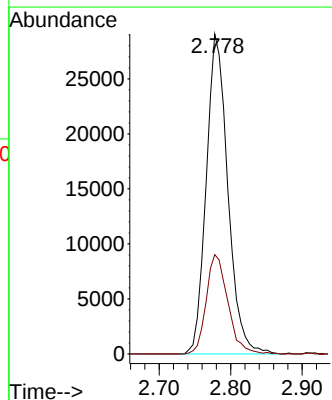
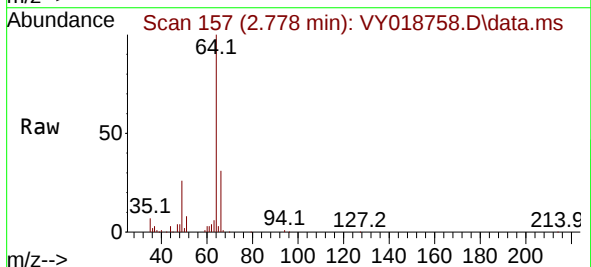
Instrument :
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Tgt Ion: 94 Resp: 61561
Ion Ratio Lower Upper
94 100
96 98.2 74.1 111.1



#6
Chloroethane
Concen: 53.338 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018758.D
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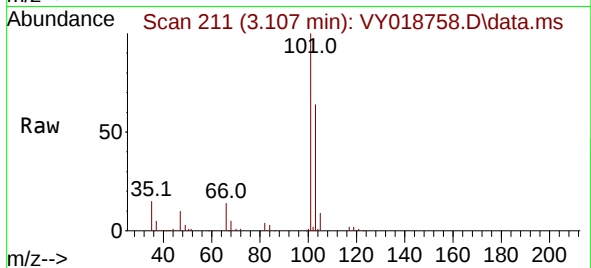
Tgt Ion: 64 Resp: 60940
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1



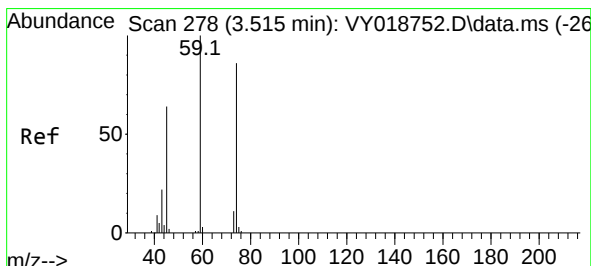
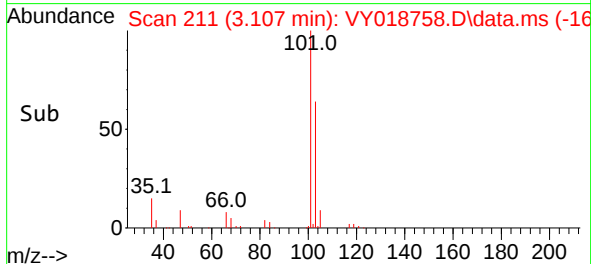
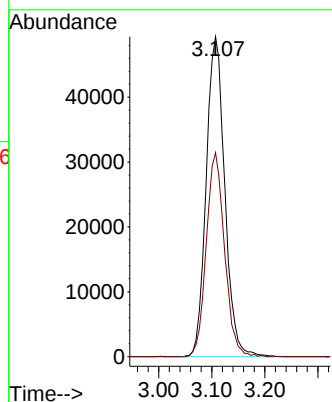


#7
Trichlorofluoromethane
Concen: 52.192 ug/l
RT: 3.107 min Scan# 210
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

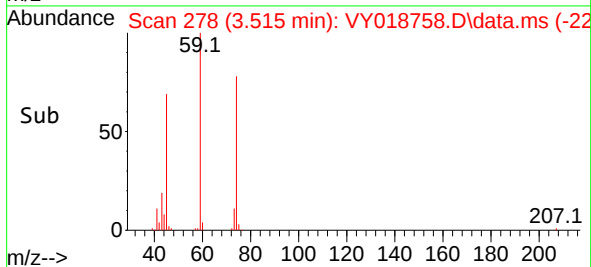
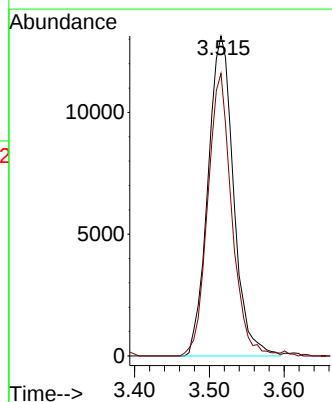
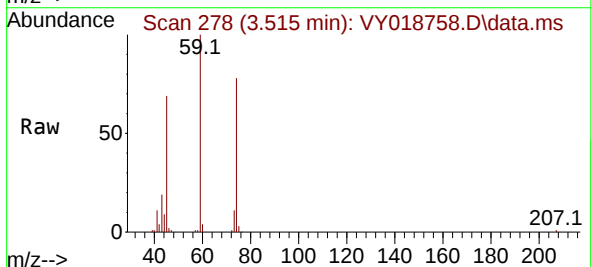


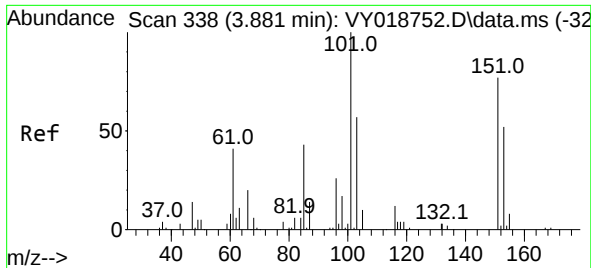
Tgt Ion:101 Resp: 119939
Ion Ratio Lower Upper
101 100
103 63.8 49.3 73.9



#8
Diethyl Ether
Concen: 55.894 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 74 Resp: 31306
Ion Ratio Lower Upper
74 100
45 83.0 41.3 124.1

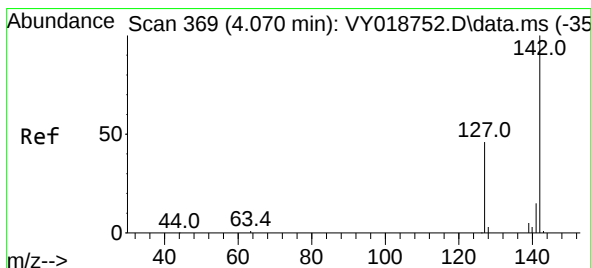
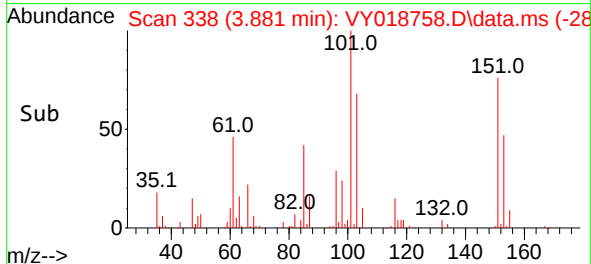
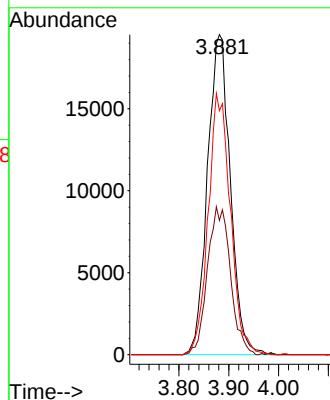
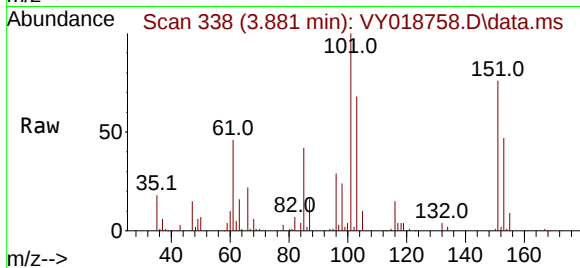




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.573 ug/l
 RT: 3.881 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VY018758.D
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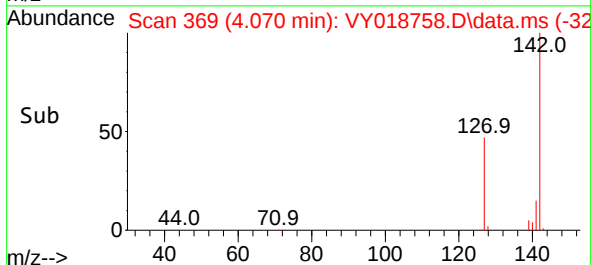
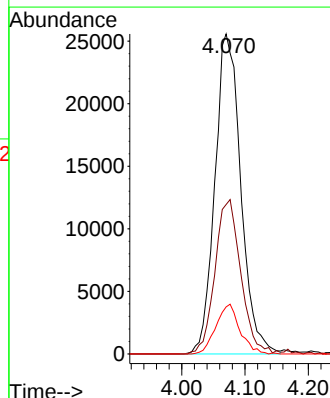
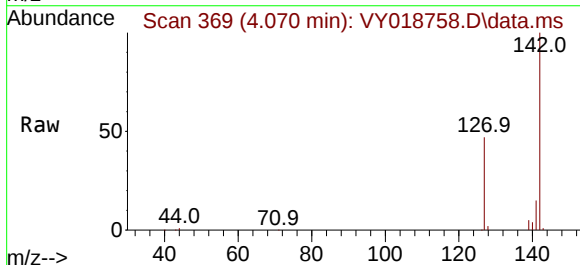
Instrument :
 MSVOA_Y
 ClientSampleId :

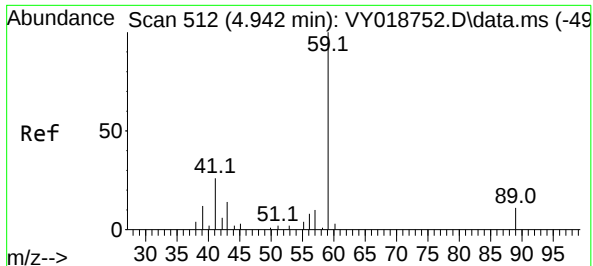
Tgt Ion:101 Resp: 61986
 Ion Ratio Lower Upper
 101 100
 85 46.6 34.5 51.7
 151 79.5 61.7 92.5



#10
 Methyl Iodide
 Concen: 57.246 ug/l
 RT: 4.070 min Scan# 369
 Delta R.T. 0.000 min
 Lab File: VY018758.D
 Acq: 10 Jul 2024 10:06

Tgt Ion:142 Resp: 72683
 Ion Ratio Lower Upper
 142 100
 127 48.1 32.8 49.2
 141 14.3 11.4 17.2

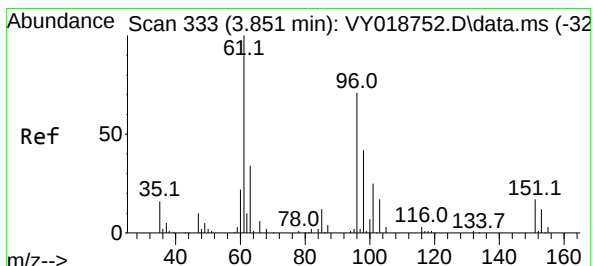
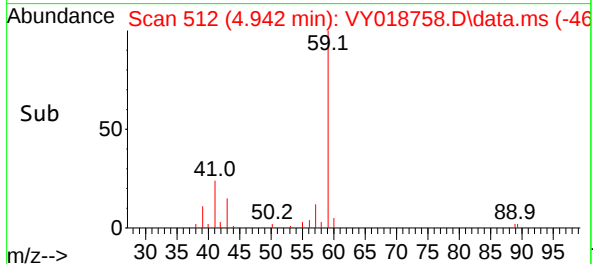
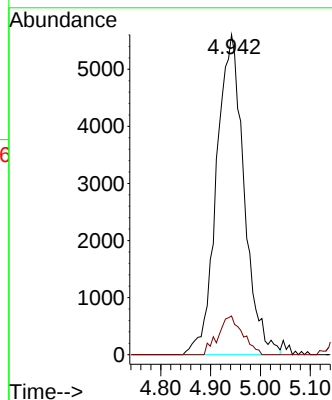
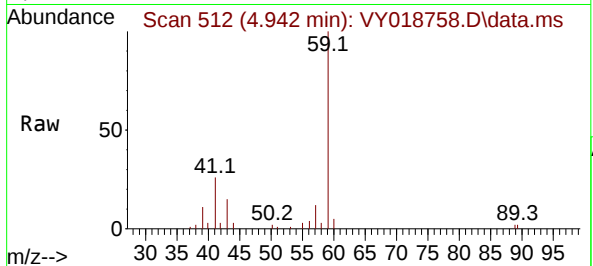




#11
Tert butyl alcohol
Concen: 182.799 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

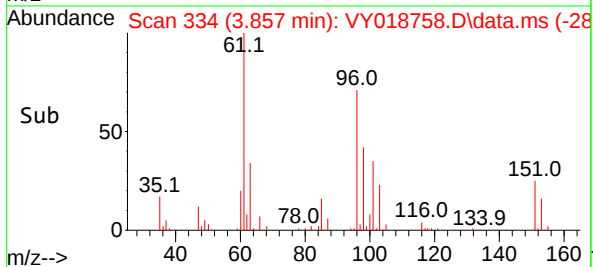
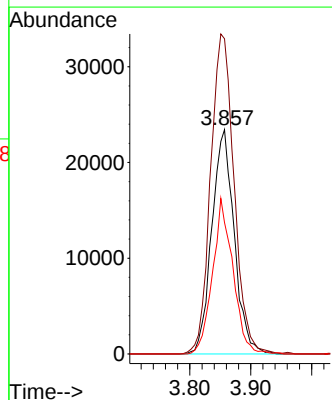
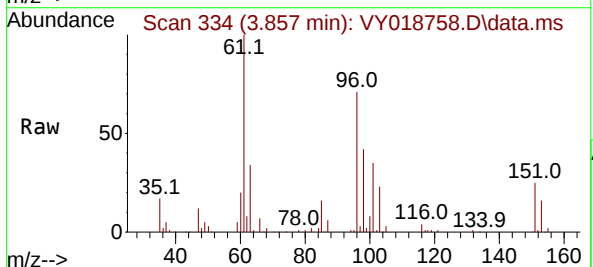
Instrument :
MSVOA_Y
ClientSampleId :

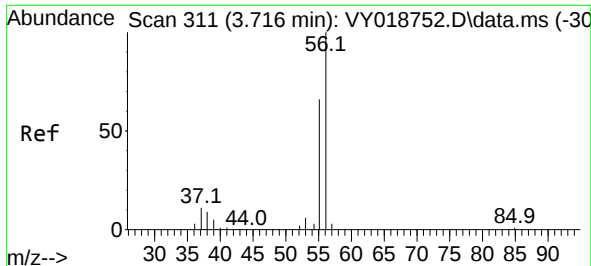
Tgt Ion: 59 Resp: 21513
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 52.485 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

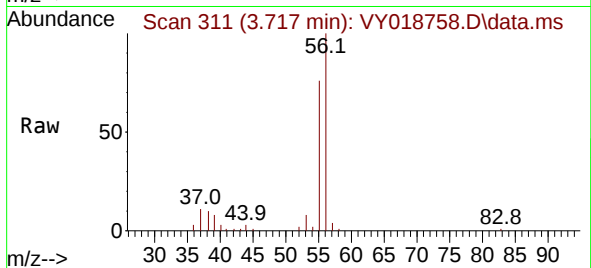
Tgt Ion: 96 Resp: 59866
Ion Ratio Lower Upper
96 100
61 140.5 114.6 171.8
98 58.6 50.8 76.2



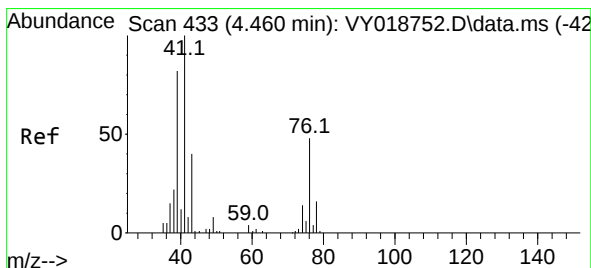
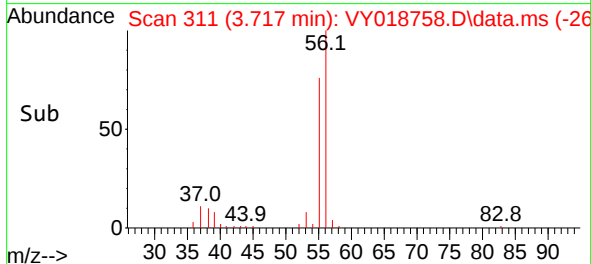
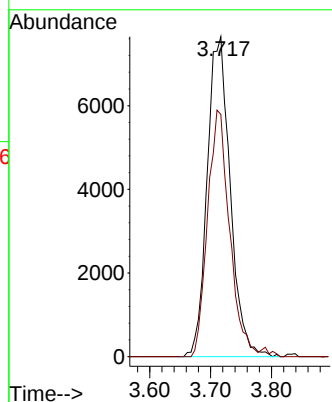


#13
Acrolein
Concen: 213.100 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

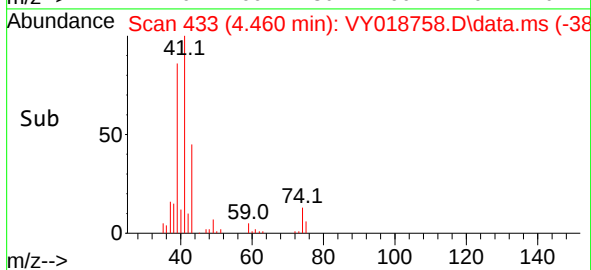
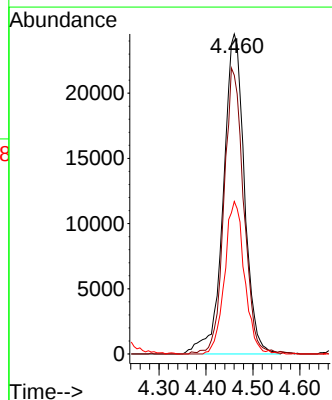
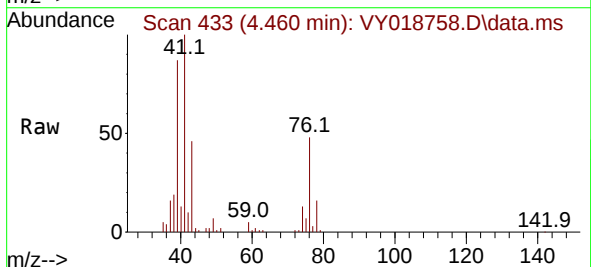


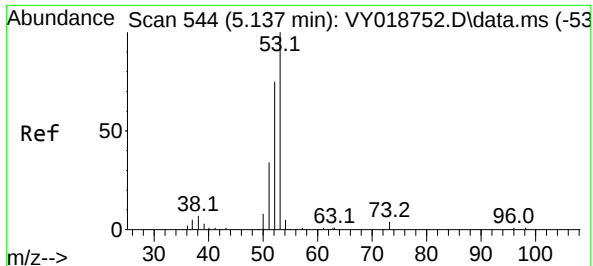
Tgt Ion: 56 Resp: 20093
Ion Ratio Lower Upper
56 100
55 73.5 55.7 83.5



#14
Allyl chloride
Concen: 54.147 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 41 Resp: 76515
Ion Ratio Lower Upper
41 100
39 83.6 58.3 87.5
76 45.0 39.0 58.6





#15

Acrylonitrile

Concen: 271.756 ug/l

RT: 5.143 min Scan# 54

Delta R.T. 0.006 min

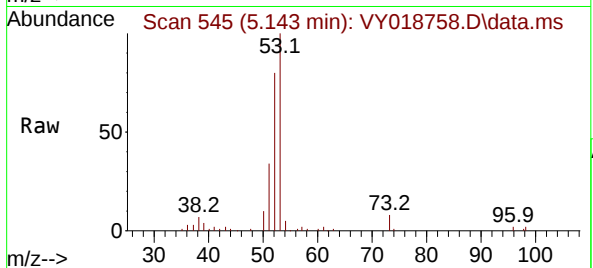
Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :



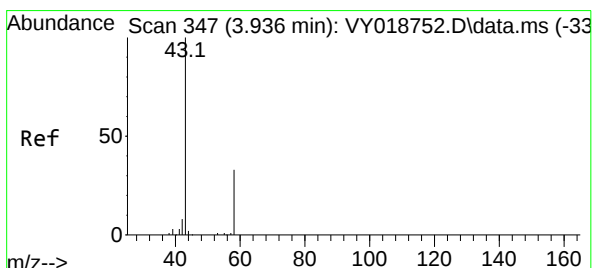
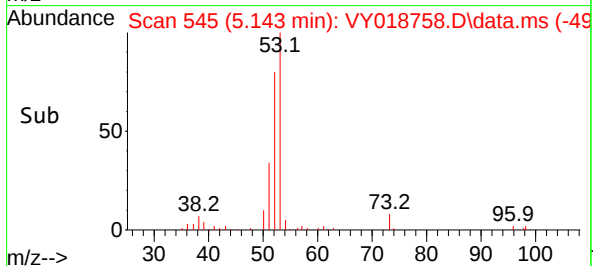
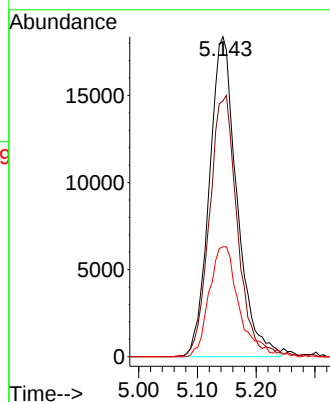
Tgt Ion: 53 Resp: 60047

Ion Ratio Lower Upper

53 100

52 82.1 64.7 97.1

51 36.8 28.4 42.6



#16

Acetone

Concen: 298.091 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018758.D

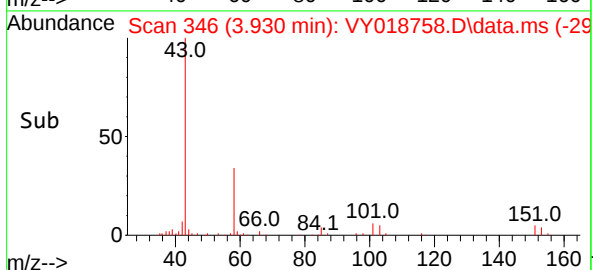
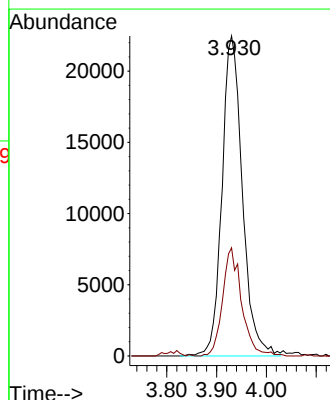
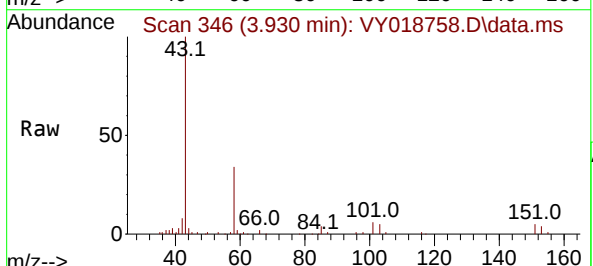
Acq: 10 Jul 2024 10:06

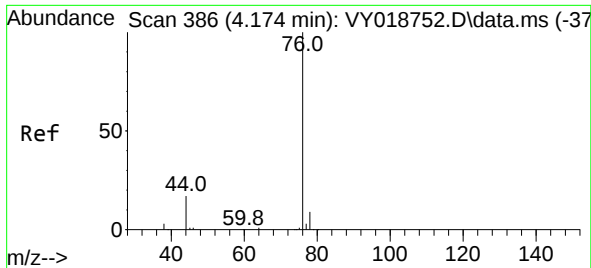
Tgt Ion: 43 Resp: 63846

Ion Ratio Lower Upper

43 100

58 33.3 31.7 47.5

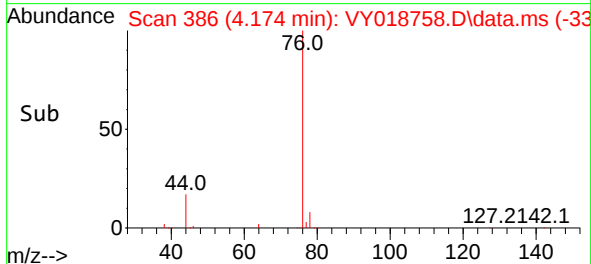
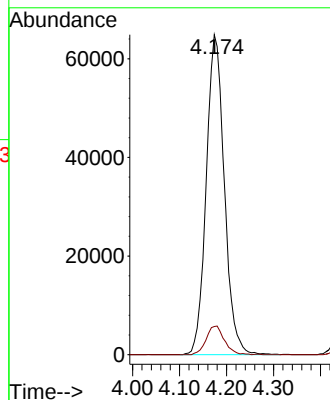
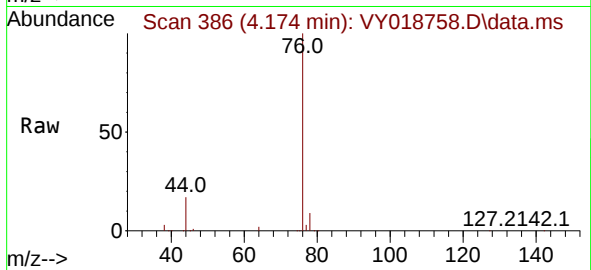




#17
Carbon Disulfide
Concen: 54.347 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

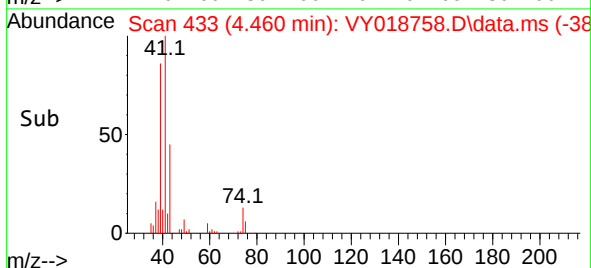
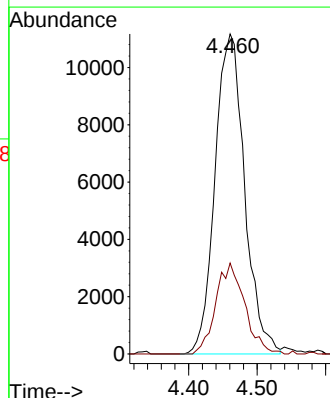
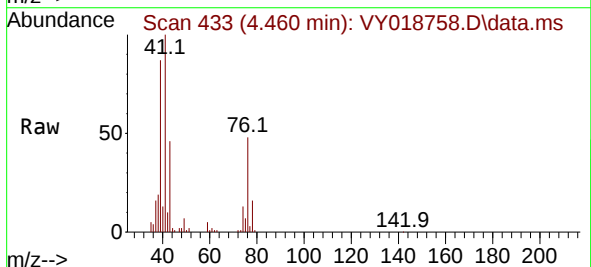
Instrument :
MSVOA_Y
ClientSampleId :

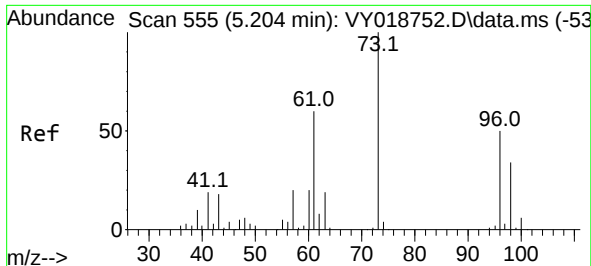
Tgt Ion: 76 Resp: 173579
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 53.779 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 43 Resp: 33469
Ion Ratio Lower Upper
43 100
74 27.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.319 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

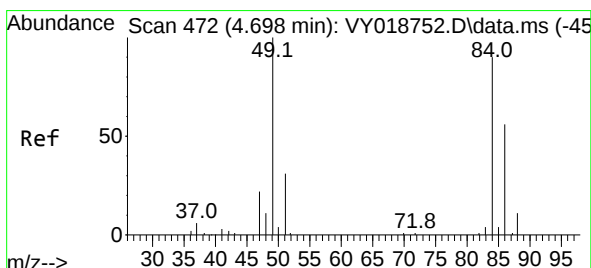
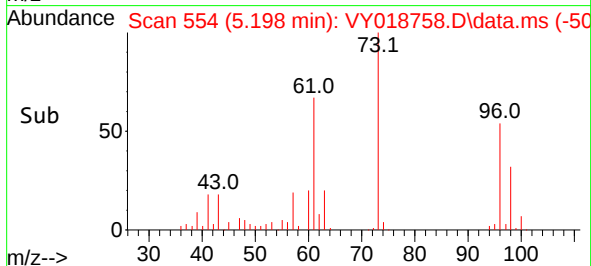
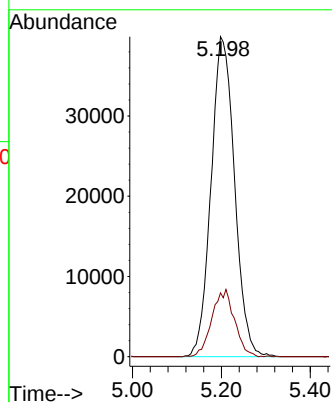
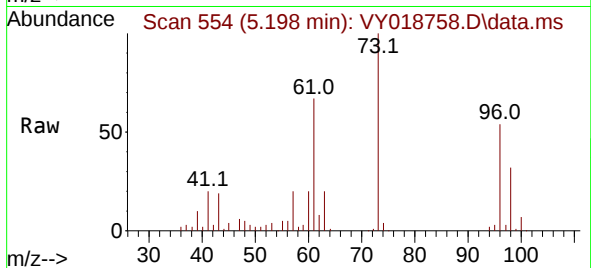
ClientSampleId :

Tgt Ion: 73 Resp: 146375

Ion Ratio Lower Upper

73 100

57 19.9 17.3 25.9



#20

Methylene Chloride

Concen: 52.801 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Tgt Ion: 84 Resp: 63709

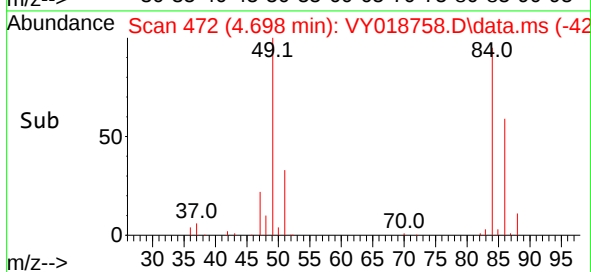
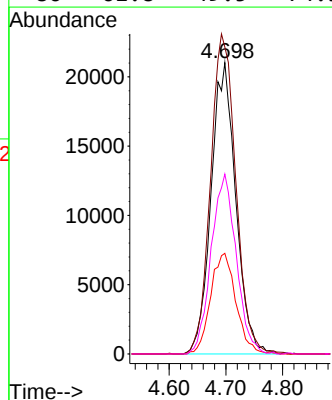
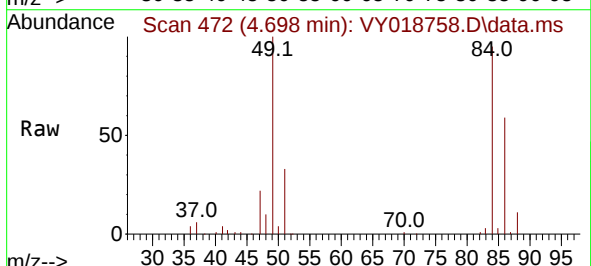
Ion Ratio Lower Upper

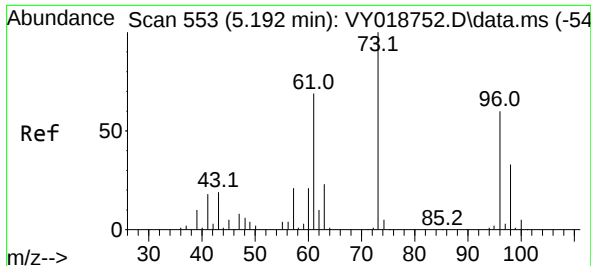
84 100

49 105.3 84.4 126.6

51 34.5 26.0 39.0

86 61.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 52.659 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

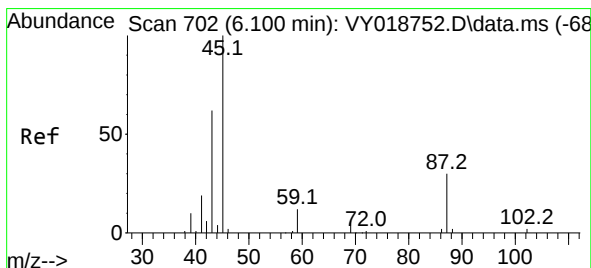
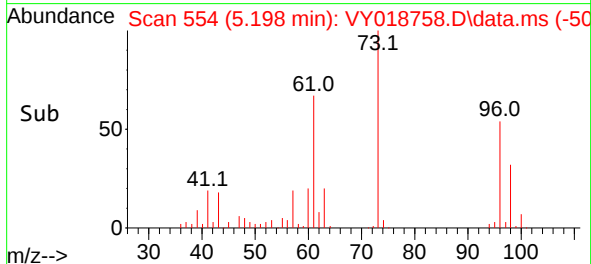
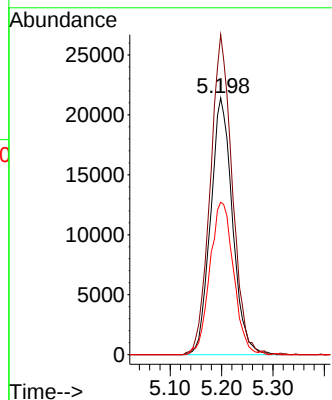
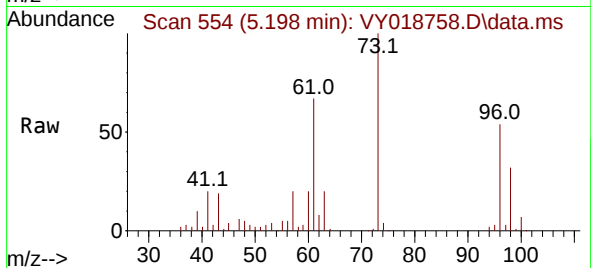
Tgt Ion: 96 Resp: 63394

Ion Ratio Lower Upper

96 100

61 124.6 97.5 146.3

98 59.4 50.5 75.7



#22

Diisopropyl ether

Concen: 54.059 ug/l

RT: 6.106 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Tgt Ion: 45 Resp: 166167

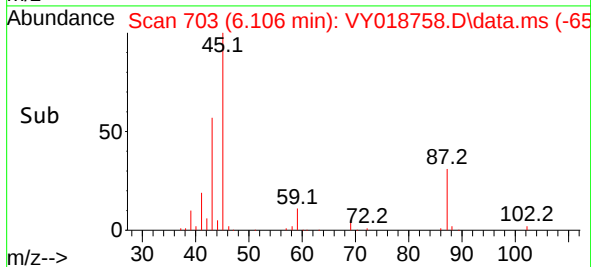
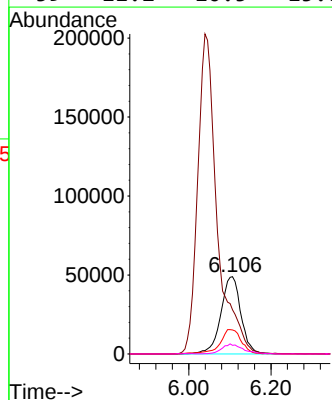
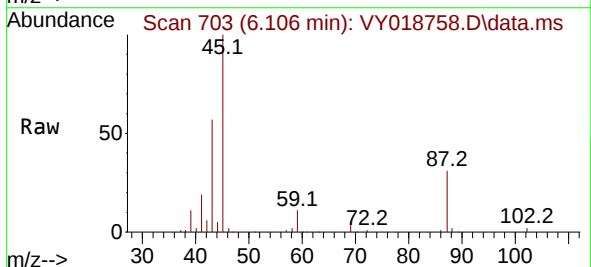
Ion Ratio Lower Upper

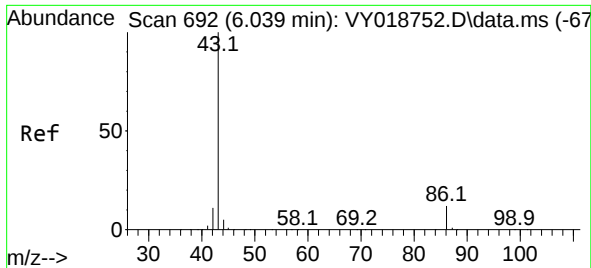
45 100

43 56.6 42.2 63.2

87 31.1 25.0 37.6

59 11.2 10.5 15.7

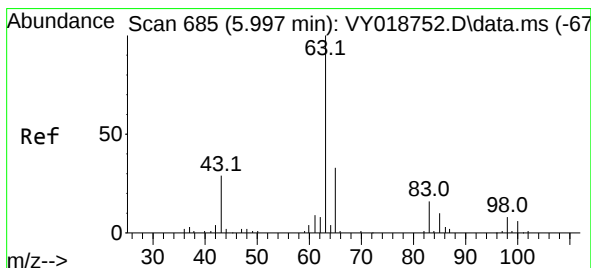
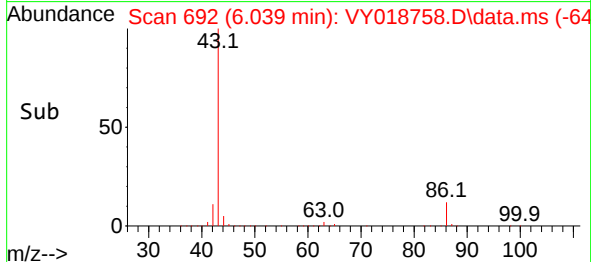
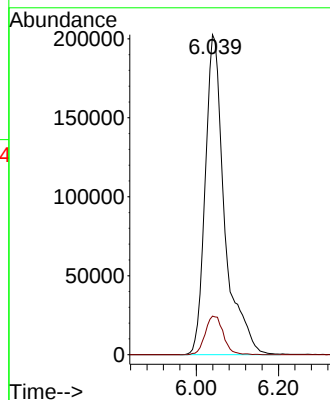
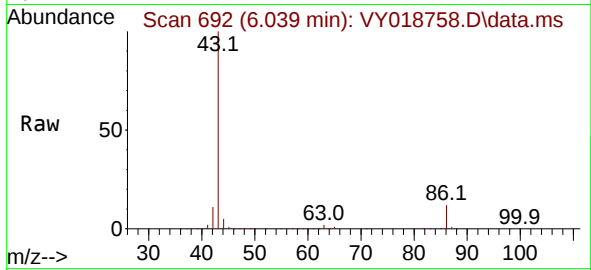




#23
 Vinyl Acetate
 Concen: 273.856 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: VY018758.D
 Acq: 10 Jul 2024 10:06

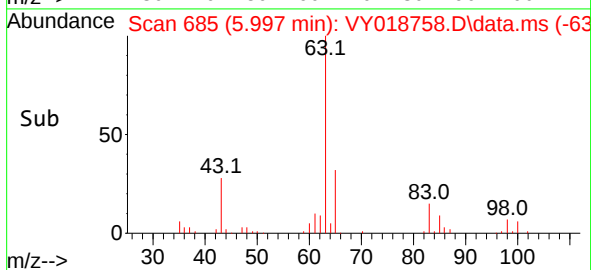
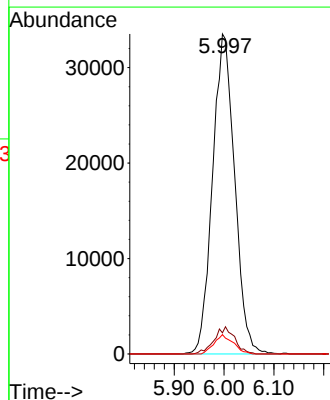
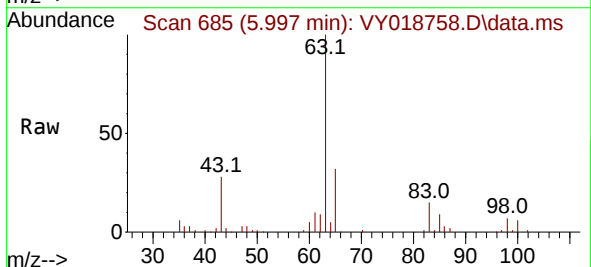
Instrument :
 MSVOA_Y
 ClientSampleId :

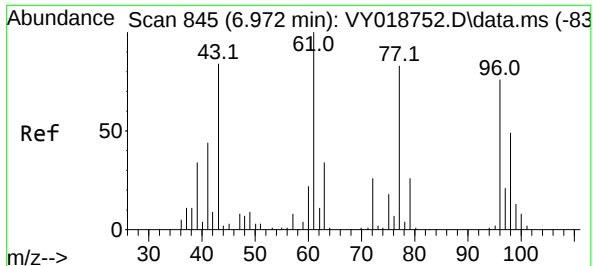
Tgt Ion: 43 Resp: 663180
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.626 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018758.D
 Acq: 10 Jul 2024 10:06

Tgt Ion: 63 Resp: 103281
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 6.0 2.6 8.0

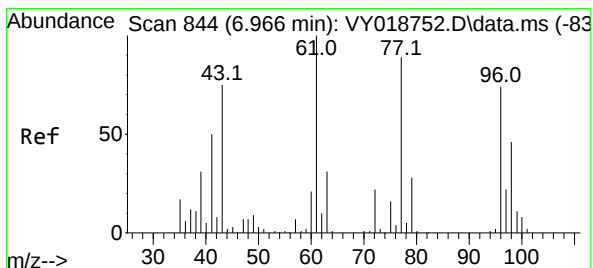
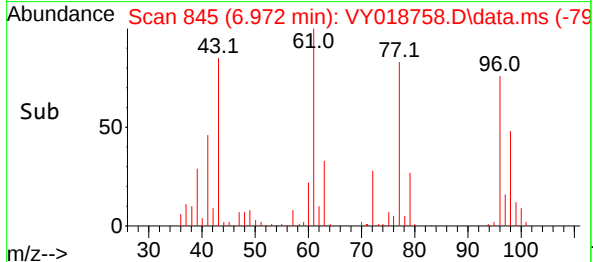
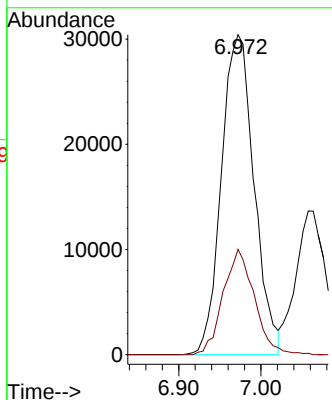
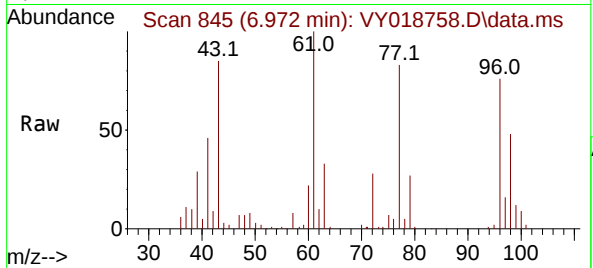




#25
2-Butanone
Concen: 280.223 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

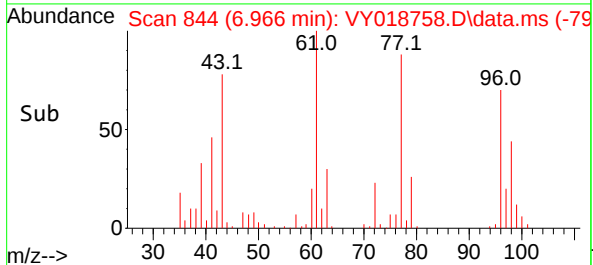
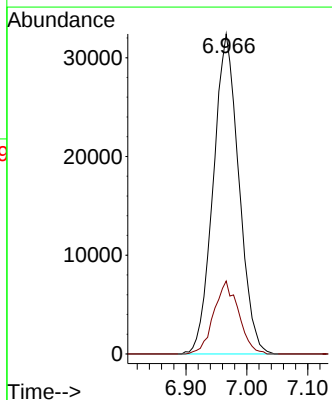
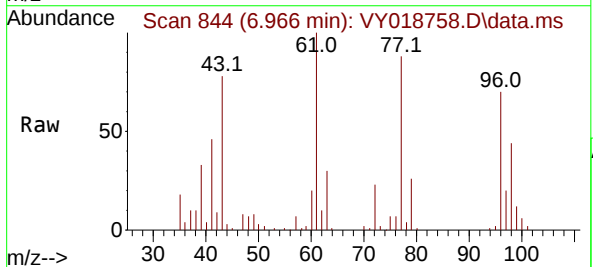
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 84130
Ion Ratio Lower Upper
43 100
72 32.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 51.919 ug/l
RT: 6.966 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 77 Resp: 94542
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.498 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

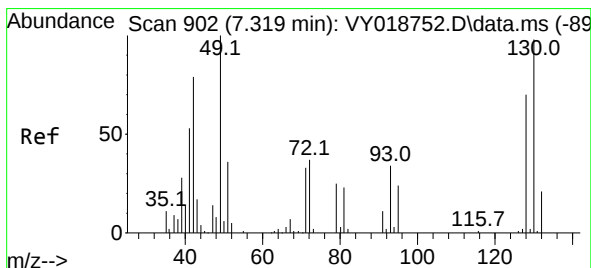
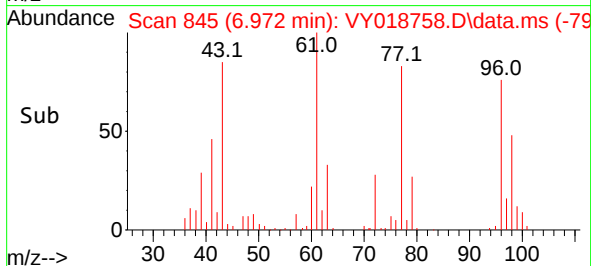
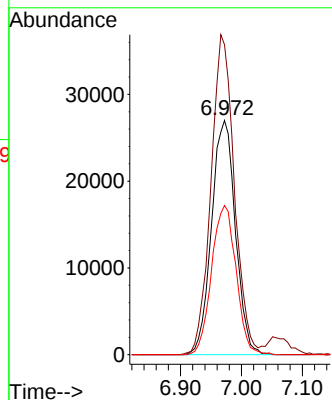
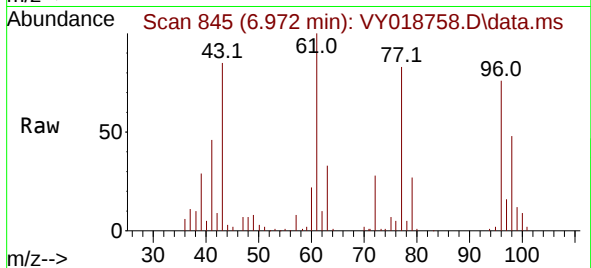
Tgt Ion: 96 Resp: 73581

Ion Ratio Lower Upper

96 100

61 133.3 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 47.630 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

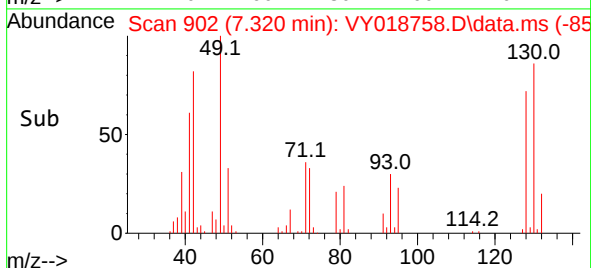
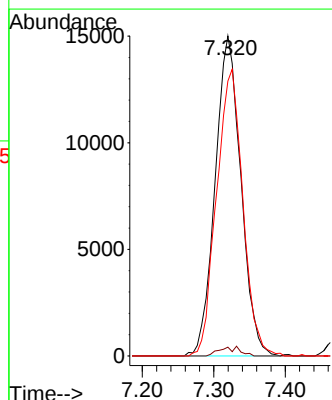
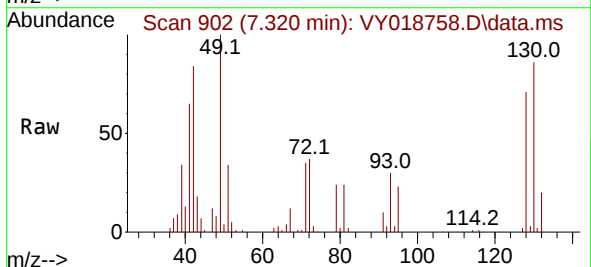
Tgt Ion: 49 Resp: 37544

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

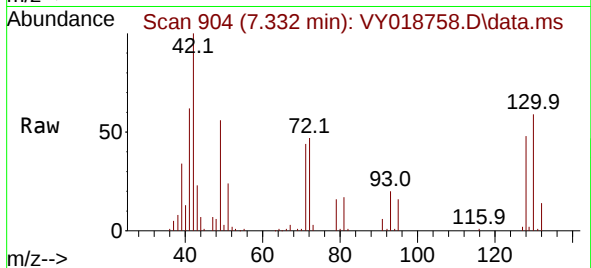
130 91.4 72.7 109.1



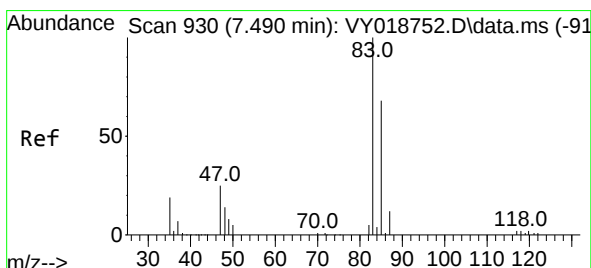
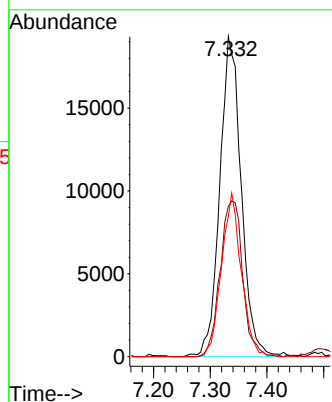
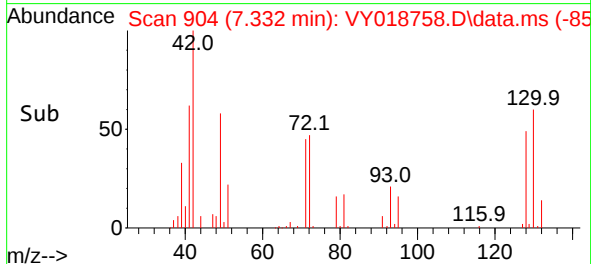


#29
Tetrahydrofuran
Concen: 275.317 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

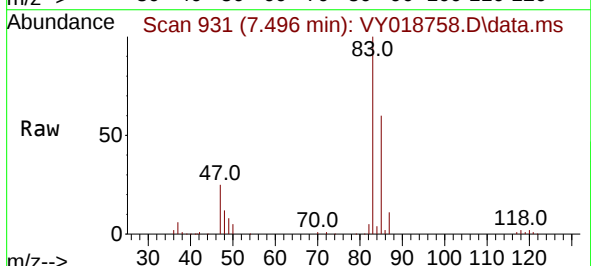
Instrument :
MSVOA_Y
ClientSampleId :



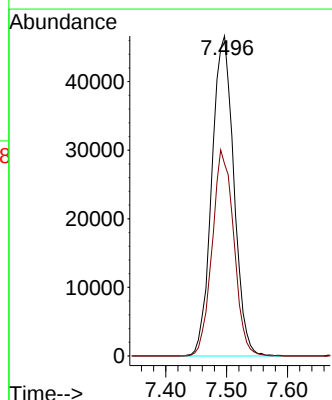
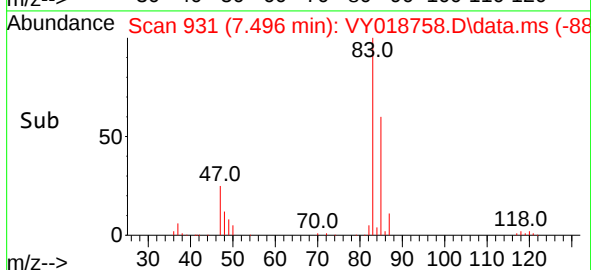
Tgt Ion: 42 Resp: 50674
Ion Ratio Lower Upper
42 100
72 51.2 43.0 64.4
71 47.3 40.8 61.2

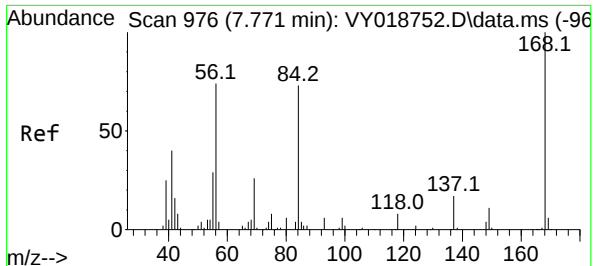


#30
Chloroform
Concen: 53.453 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06



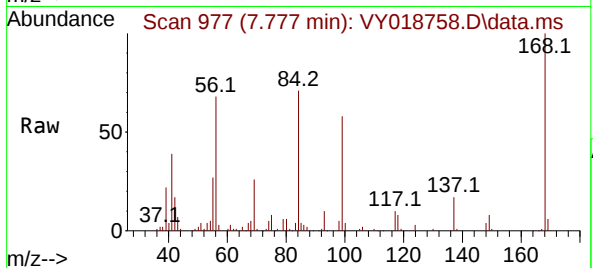
Tgt Ion: 83 Resp: 116915
Ion Ratio Lower Upper
83 100
85 60.1 52.2 78.4



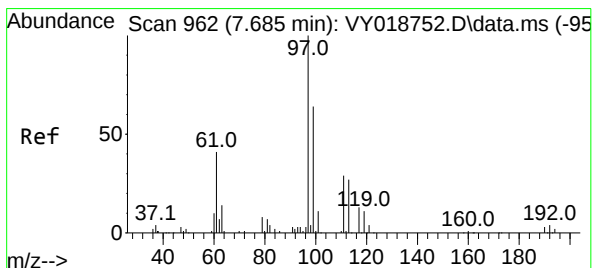
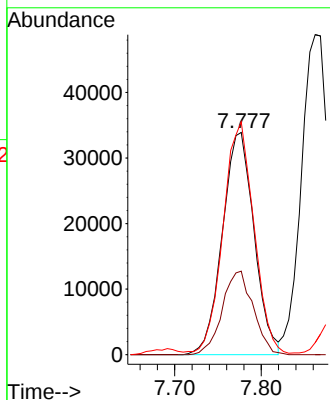
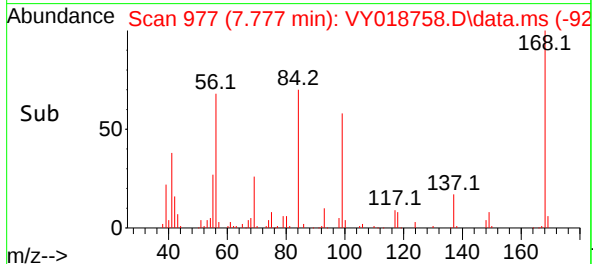


#31
Cyclohexane
Concen: 48.361 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

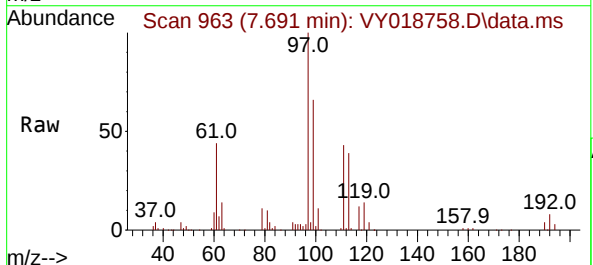
Instrument :
MSVOA_Y
ClientSampleId :



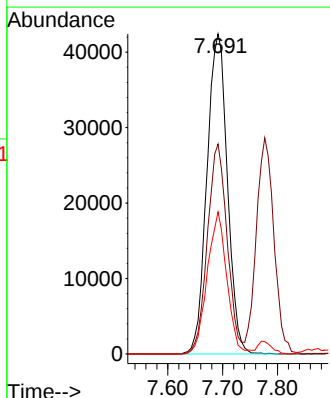
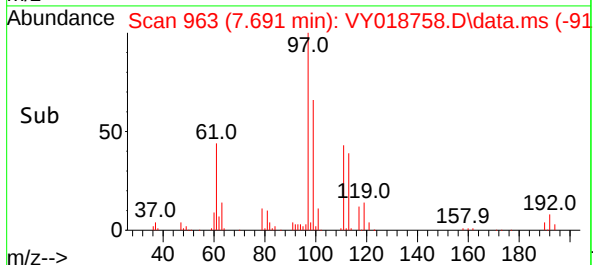
Tgt Ion: 56 Resp: 86316
Ion Ratio Lower Upper
56 100
69 37.6 28.7 43.1
84 103.3 77.7 116.5

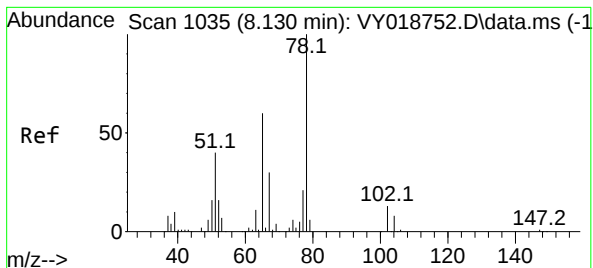


#32
1,1,1-Trichloroethane
Concen: 53.968 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06



Tgt Ion: 97 Resp: 109767
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 42.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.106 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

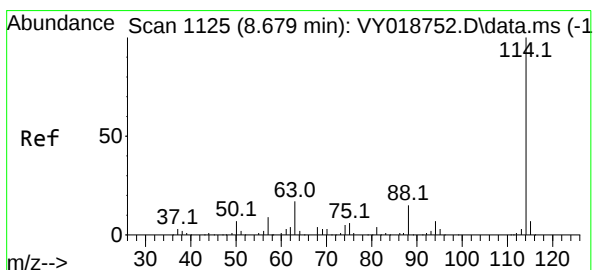
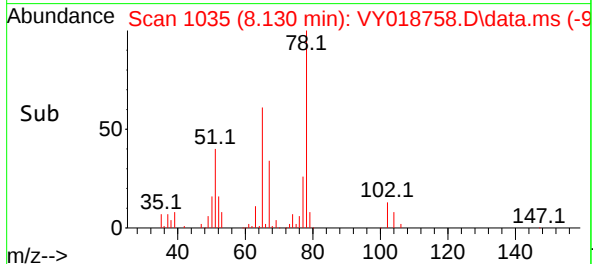
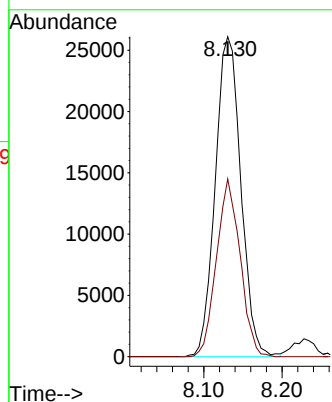
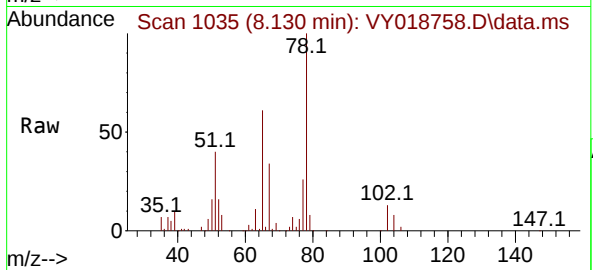
ClientSampleId :

Tgt Ion: 65 Resp: 59373

Ion Ratio Lower Upper

65 100

67 51.3 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: VY018758.D

Acq: 10 Jul 2024 10:06

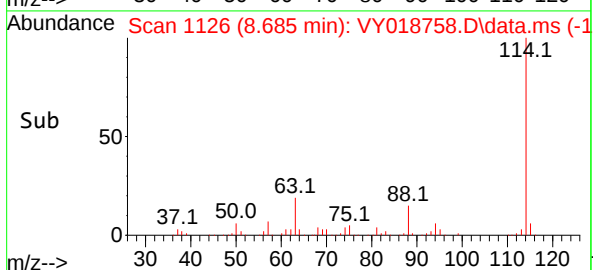
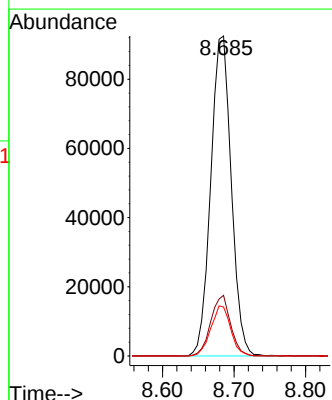
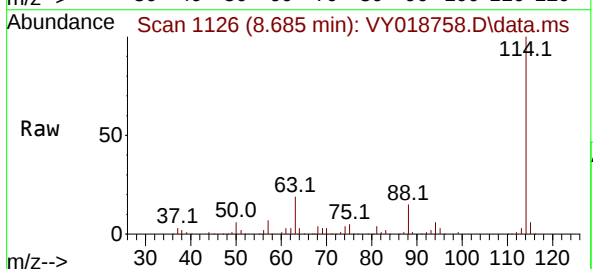
Tgt Ion: 114 Resp: 184308

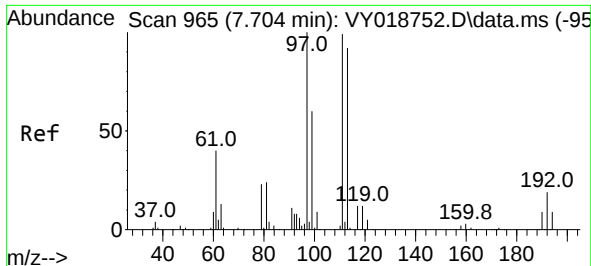
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 15.3 0.0 27.2

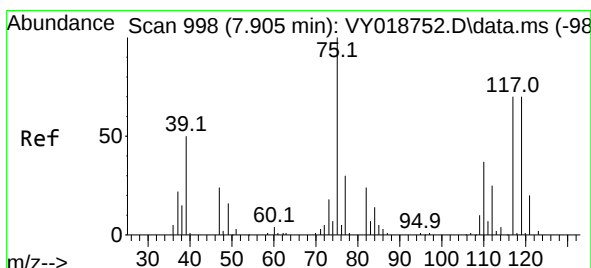
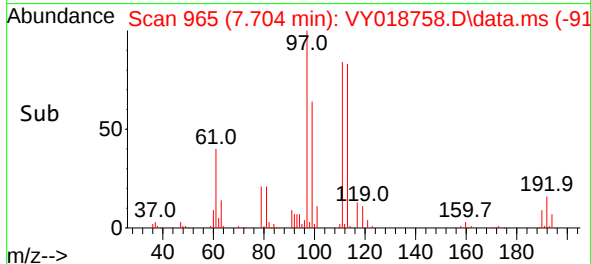
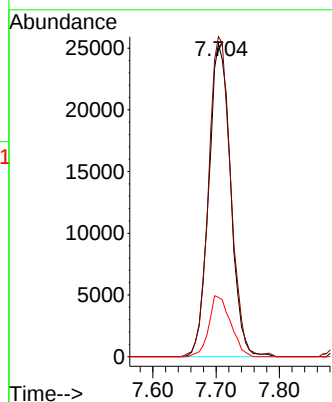
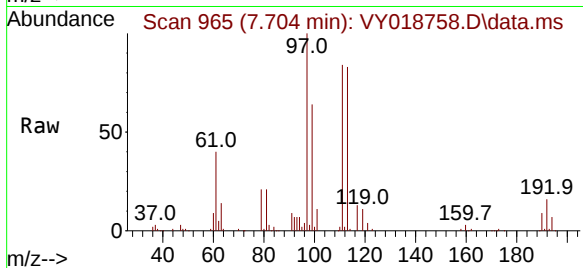




#35
Dibromofluoromethane
Concen: 52.772 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

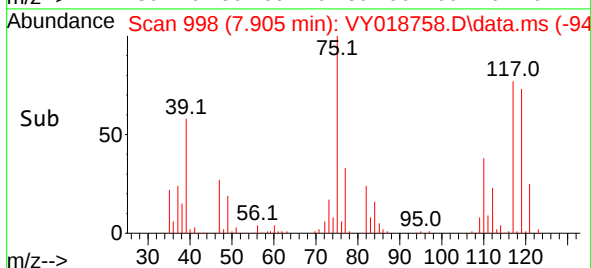
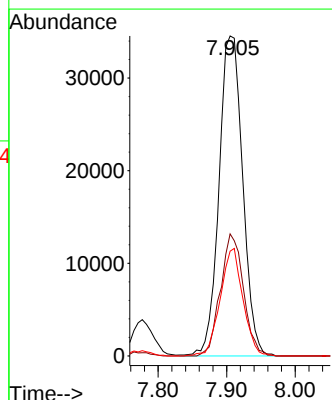
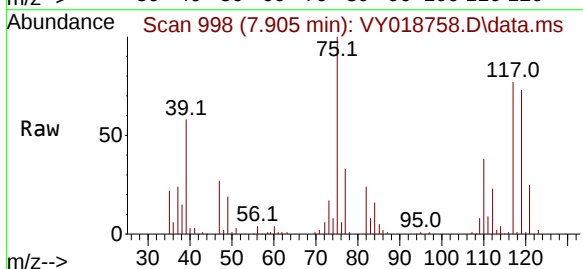
Instrument :
MSVOA_Y
ClientSampleId :

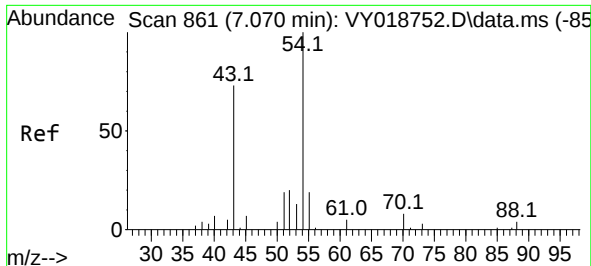
Tgt Ion:113 Resp: 60918
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.979 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 75 Resp: 82805
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 32.3 25.3 37.9

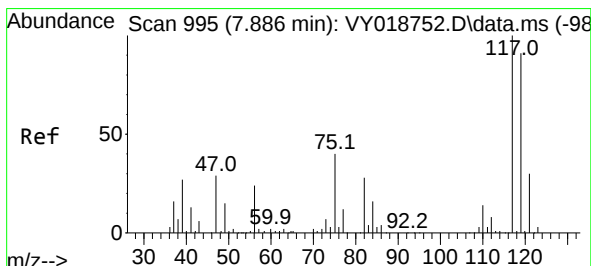
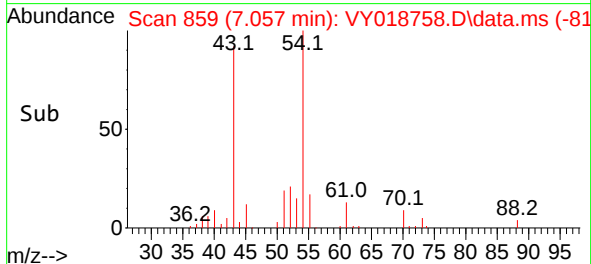
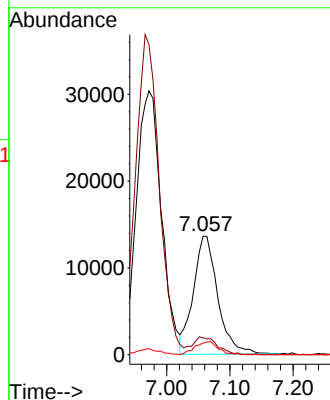
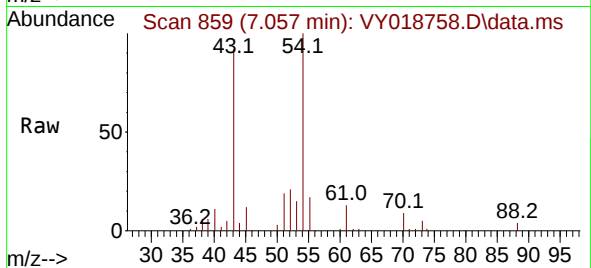




#37
Ethyl Acetate
Concen: 55.373 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

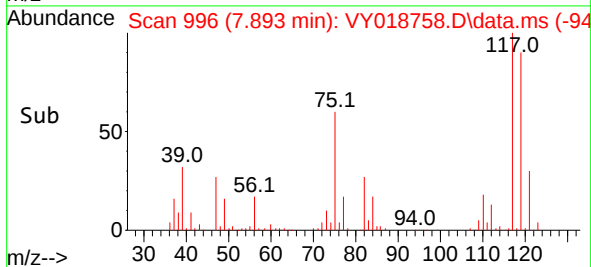
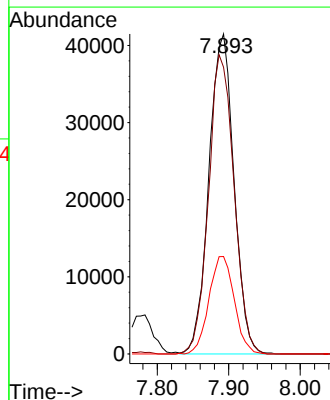
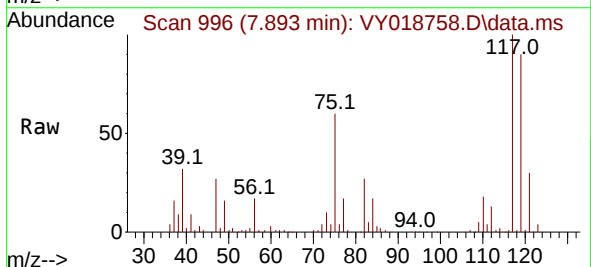
Instrument :
MSVOA_Y
ClientSampleId :

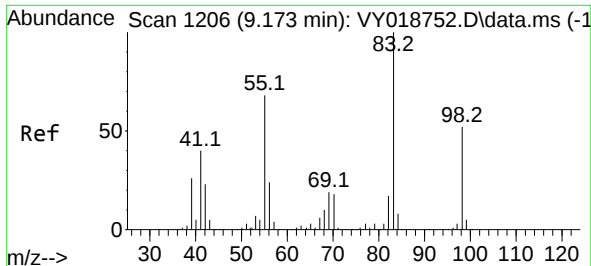
Tgt Ion: 43 Resp: 36666
Ion Ratio Lower Upper
43 100
61 12.7 12.6 19.0
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 52.733 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 117 Resp: 101180
Ion Ratio Lower Upper
117 100
119 89.6 75.8 113.6
121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 52.155 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

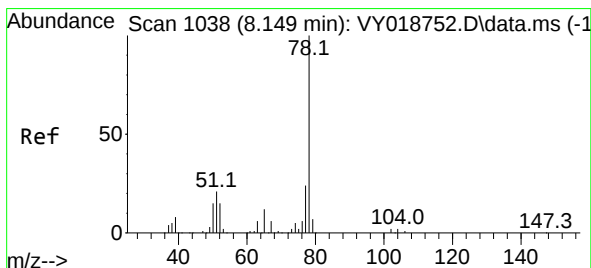
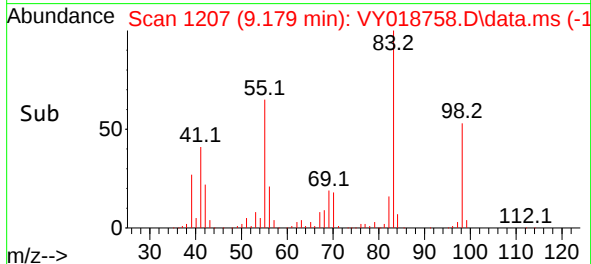
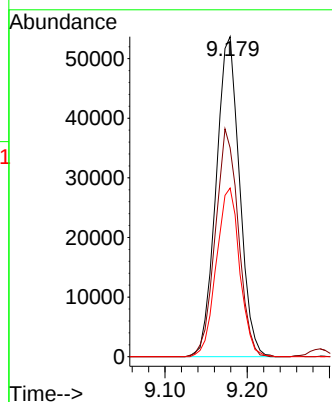
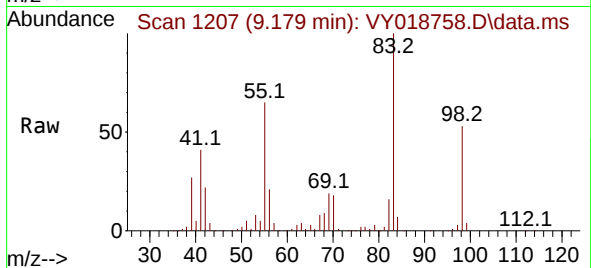
Tgt Ion: 83 Resp: 106475

Ion Ratio Lower Upper

83 100

55 65.2 51.5 77.3

98 52.7 40.5 60.7



#40

Benzene

Concen: 52.475 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018758.D

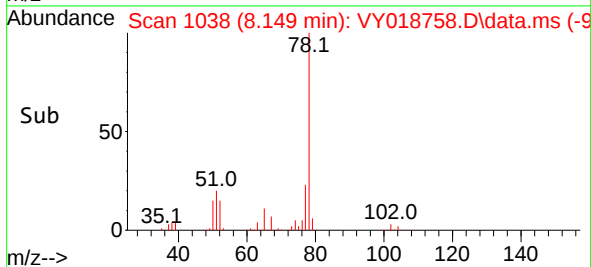
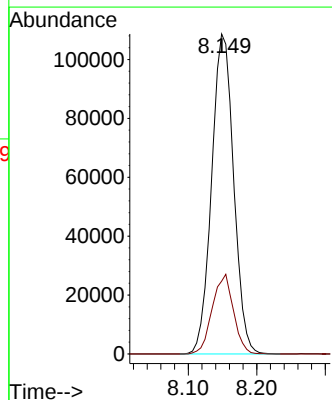
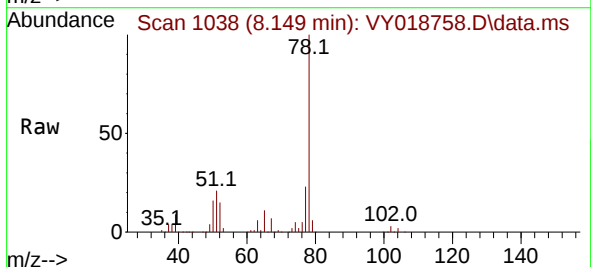
Acq: 10 Jul 2024 10:06

Tgt Ion: 78 Resp: 242503

Ion Ratio Lower Upper

78 100

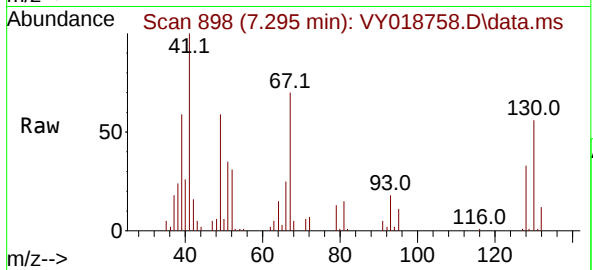
77 22.7 19.5 29.3





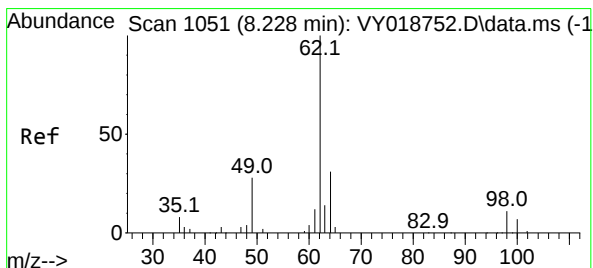
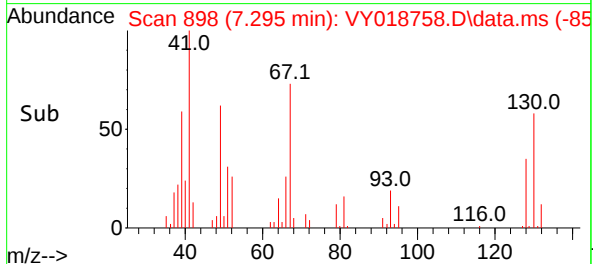
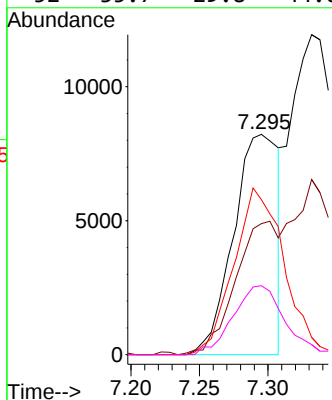
#41
Methacrylonitrile
Concen: 49.693 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.037 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 18760

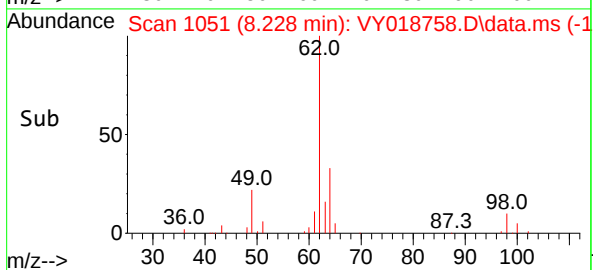
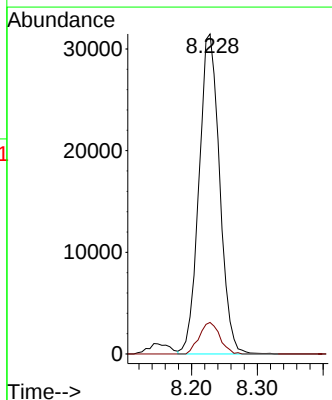
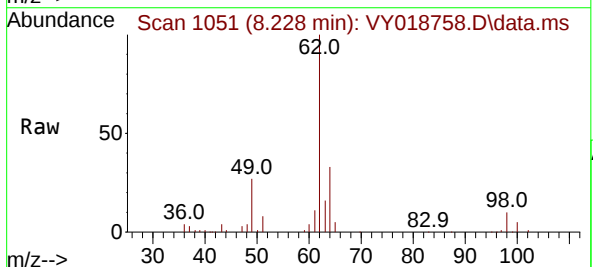
Ion	Ratio	Lower	Upper
41	100		
39	57.9	48.0	72.0
67	84.4	75.1	112.7
52	35.7	29.8	44.6

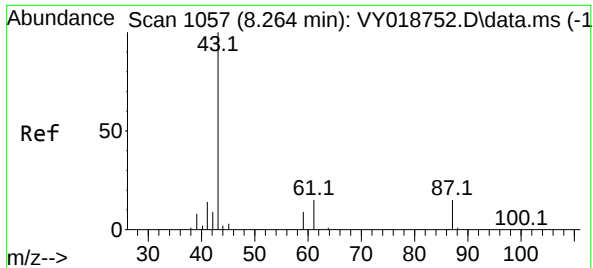


#42
1,2-Dichloroethane
Concen: 53.012 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 62 Resp: 68591

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	22.0

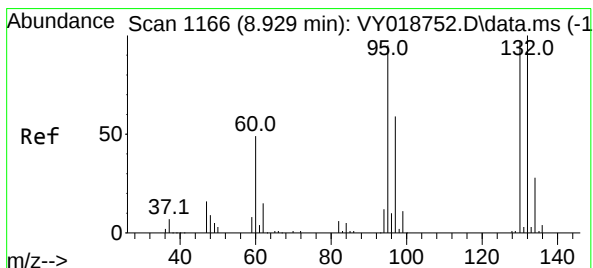
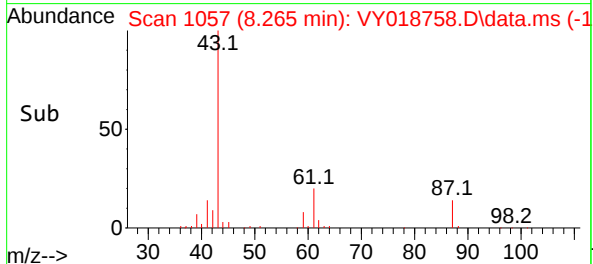
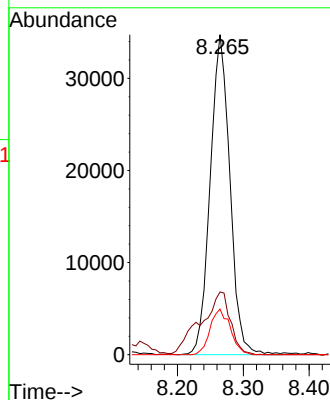
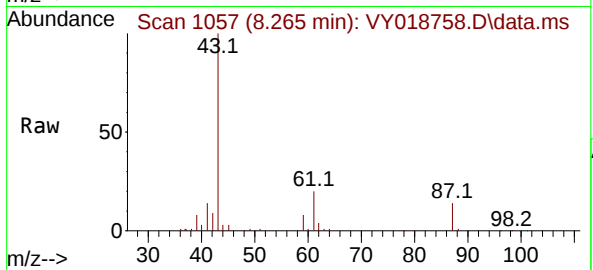




#43
Isopropyl Acetate
Concen: 55.039 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

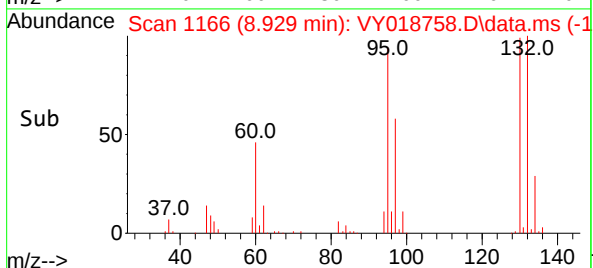
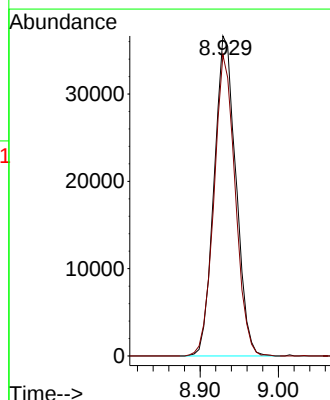
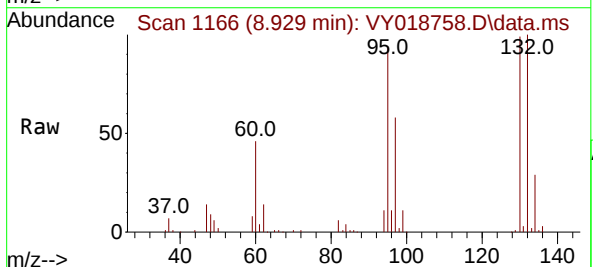
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43	Resp: 72519
Ion Ratio	Lower Upper
43	100
61	29.3 27.9 41.9
87	14.6 13.1 19.7



#44
Trichloroethene
Concen: 53.537 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 130	Resp: 70721
Ion Ratio	Lower Upper
130	100
95	94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.870 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

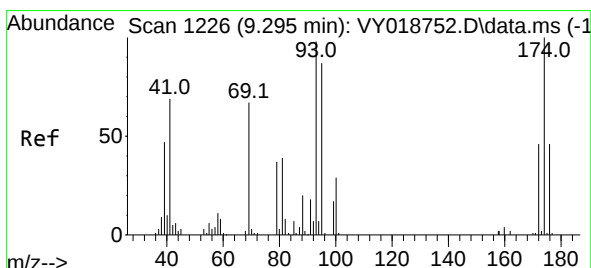
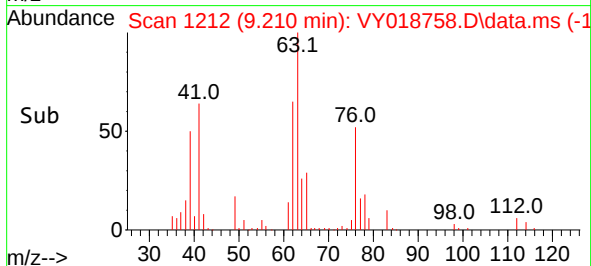
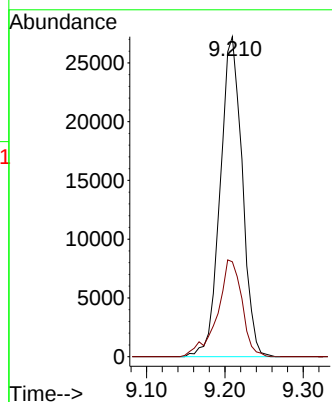
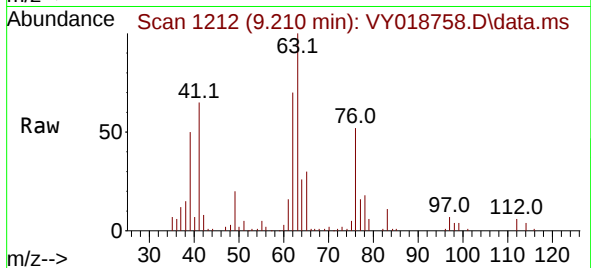
ClientSampleId :

Tgt Ion: 63 Resp: 53205

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.2



#46

Dibromomethane

Concen: 55.254 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

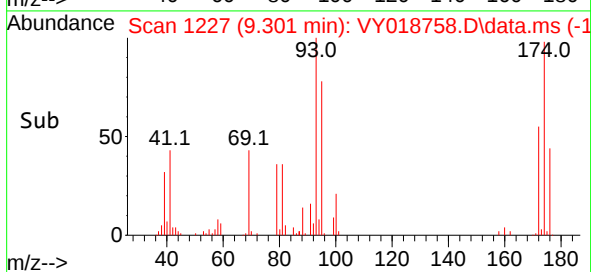
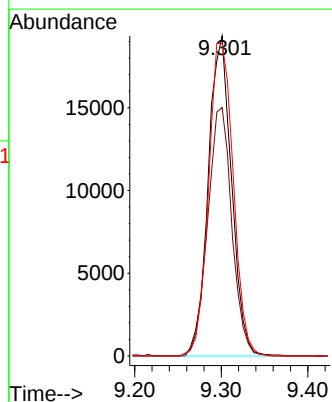
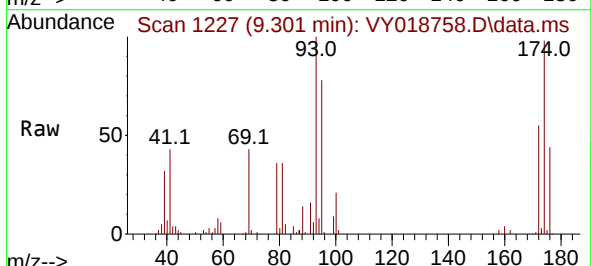
Tgt Ion: 93 Resp: 36042

Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 103.8 80.9 121.3

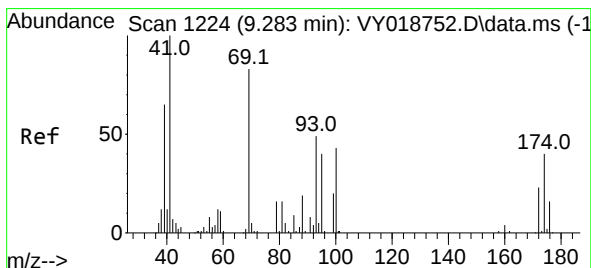
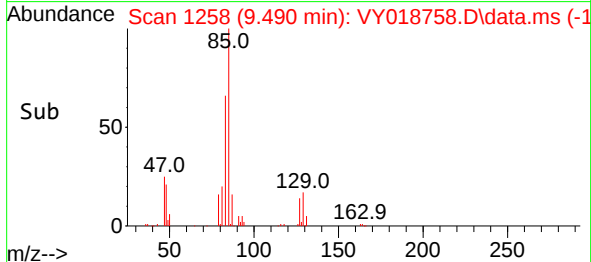
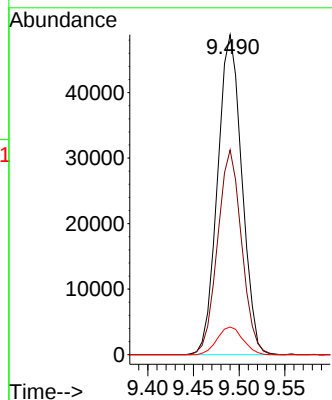
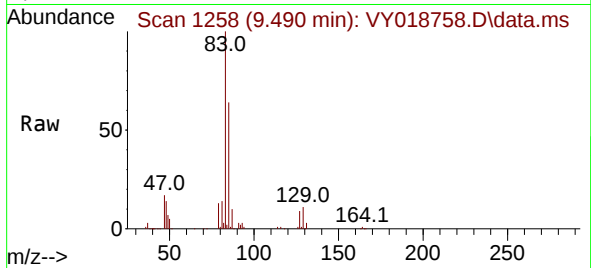




#47
Bromodichloromethane
Concen: 55.431 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

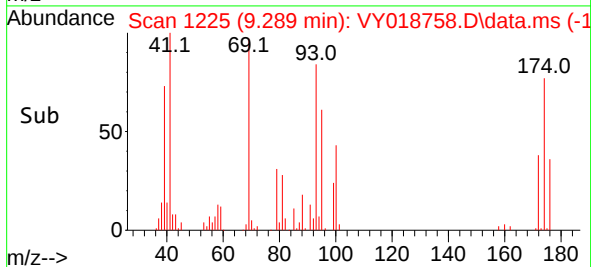
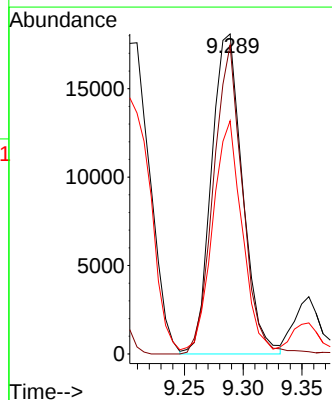
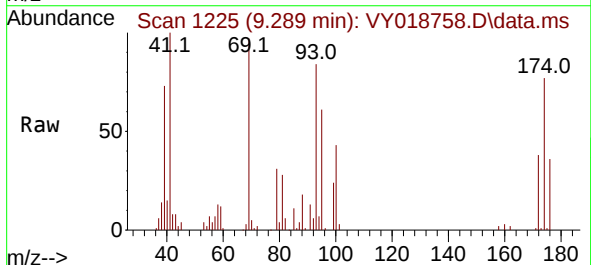
Instrument :
MSVOA_Y
ClientSampleId :

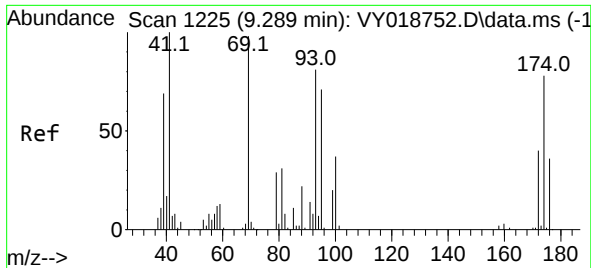
Tgt Ion: 83 Resp: 90328
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 55.675 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 41 Resp: 33343
Ion Ratio Lower Upper
41 100
69 90.6 84.1 126.1
39 67.2 43.6 65.4#





#49

1,4-Dioxane

Concen: 1063.379 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

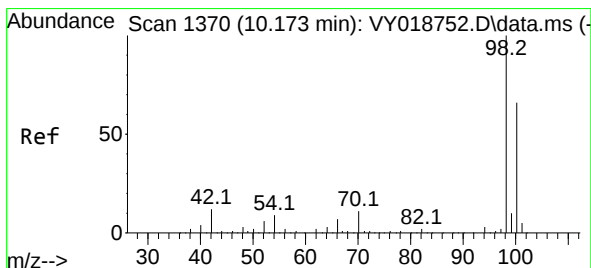
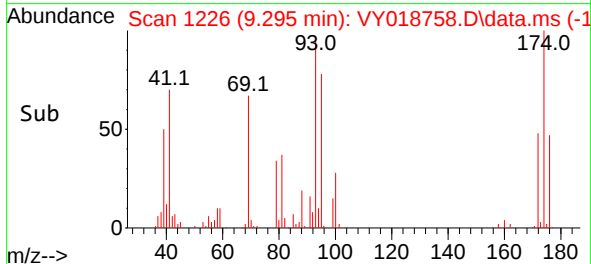
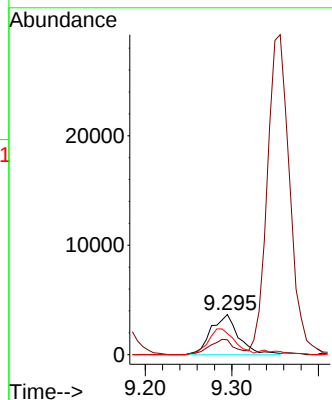
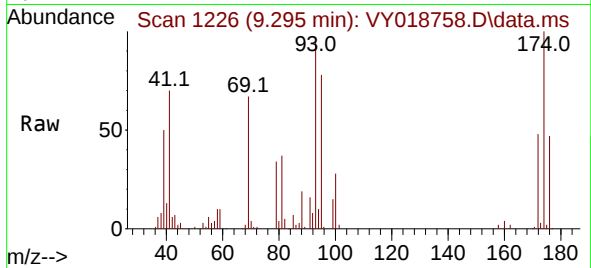
Tgt Ion: 88 Resp: 8131

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 61.0 49.3 73.9



#50

Toluene-d8

Concen: 50.269 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018758.D

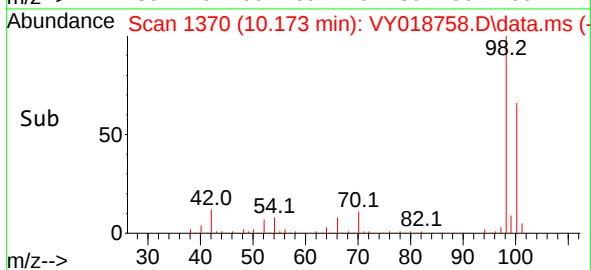
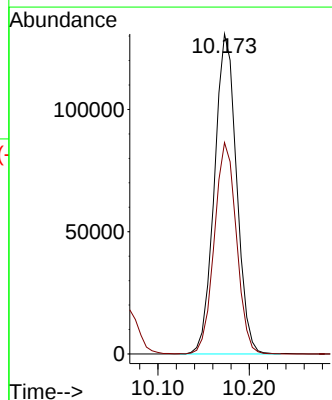
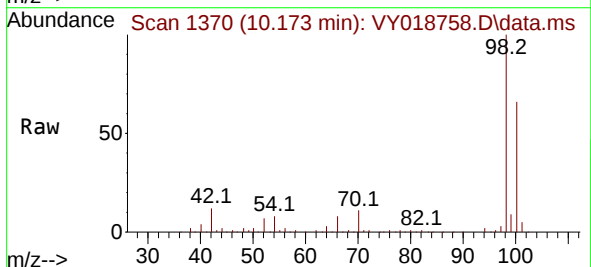
Acq: 10 Jul 2024 10:06

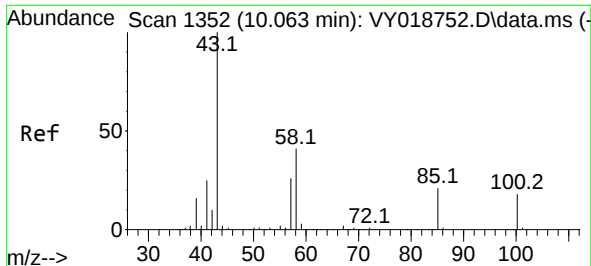
Tgt Ion: 98 Resp: 219847

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

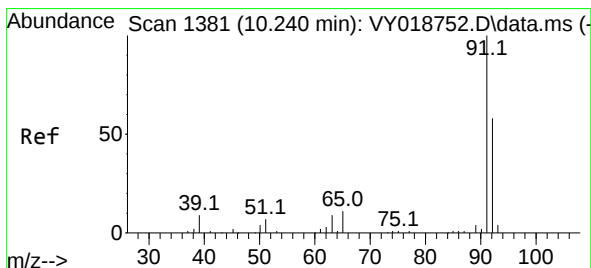
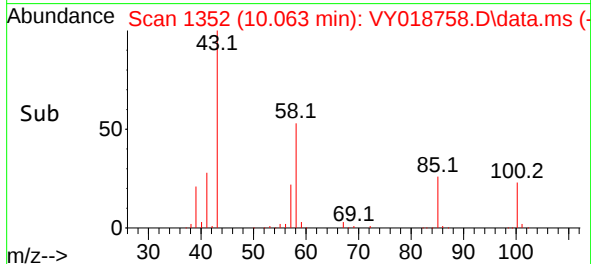
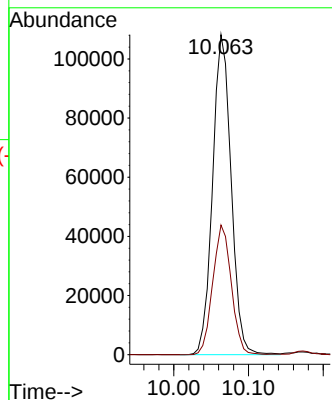
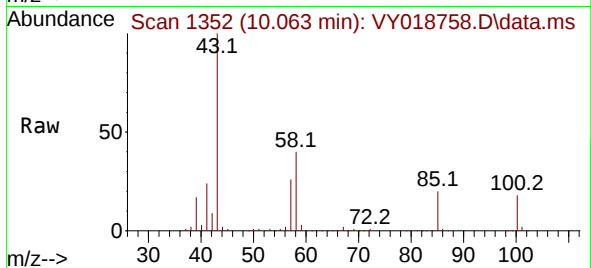




#51
4-Methyl-2-Pentanone
Concen: 278.054 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

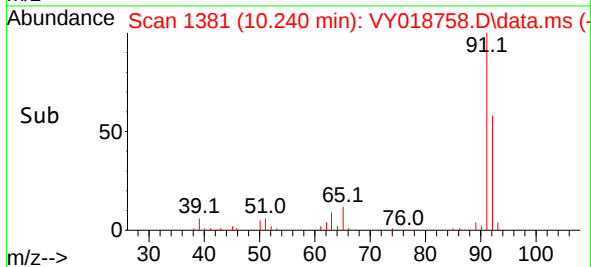
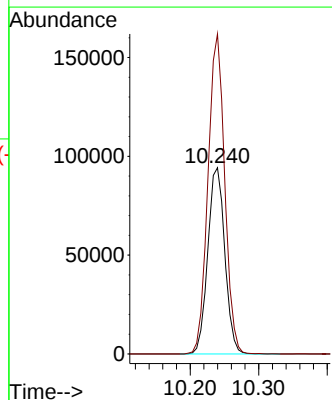
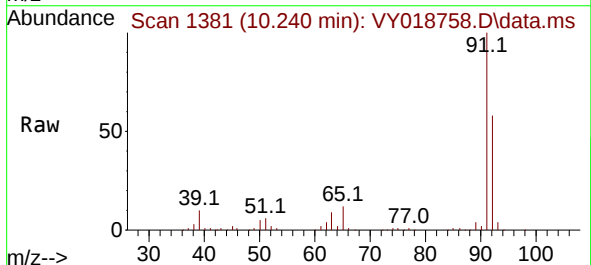
Instrument :
MSVOA_Y
ClientSampleId :

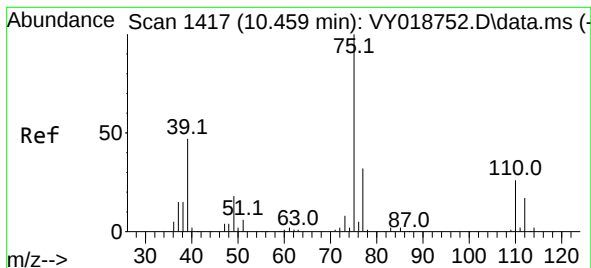
Tgt Ion: 43 Resp: 187050
Ion Ratio Lower Upper
43 100
58 40.5 35.7 53.5



#52
Toluene
Concen: 53.032 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 92 Resp: 162891
Ion Ratio Lower Upper
92 100
91 168.8 139.0 208.6

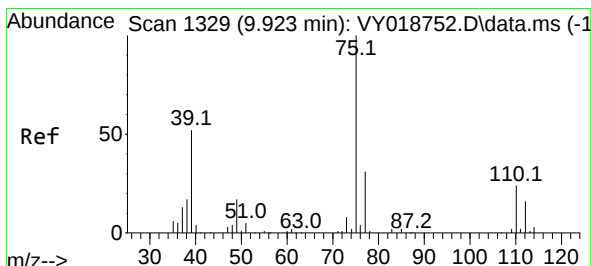
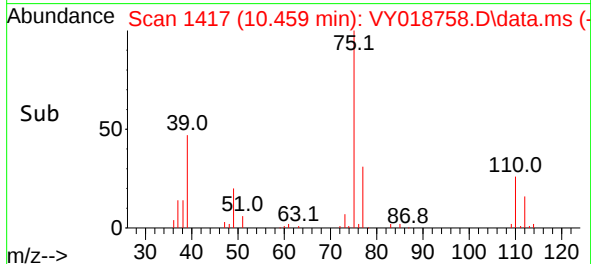
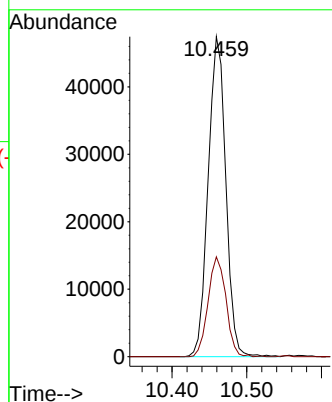
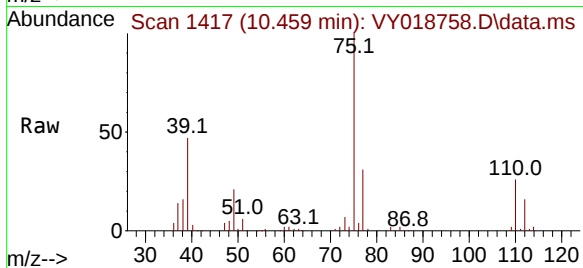




#53
t-1,3-Dichloropropene
Concen: 55.294 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

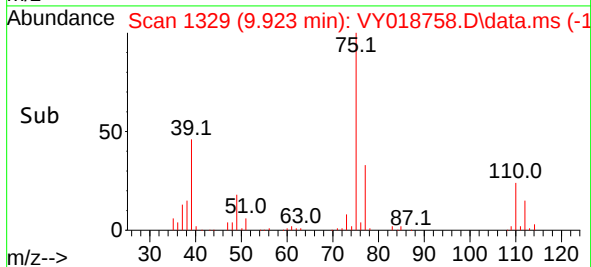
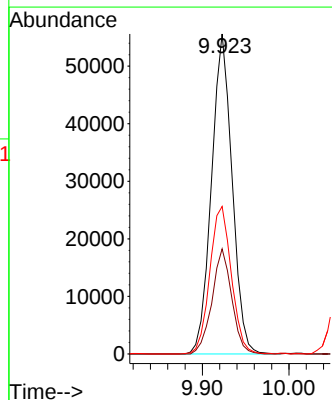
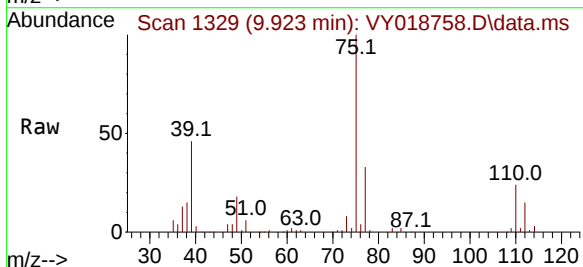
Instrument :
MSVOA_Y
ClientSampleId :

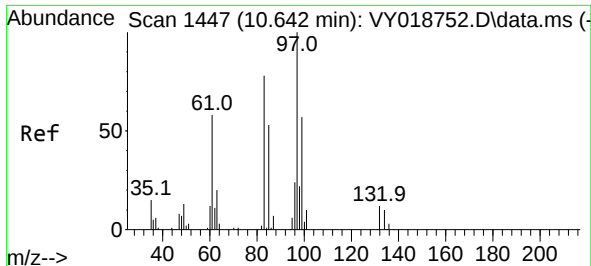
Tgt Ion: 75 Resp: 77797
Ion Ratio Lower Upper
75 100
77 31.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 55.692 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

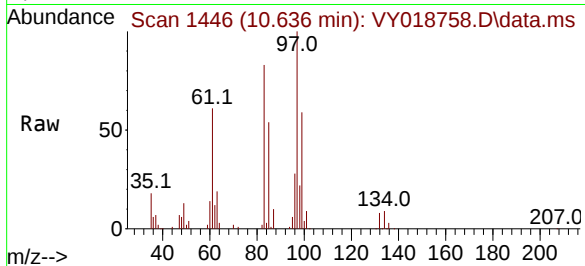
Tgt Ion: 75 Resp: 91924
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 46.1 29.8 44.6#



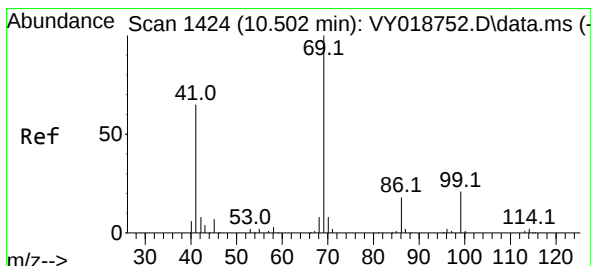
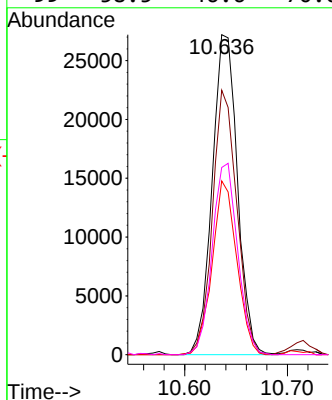
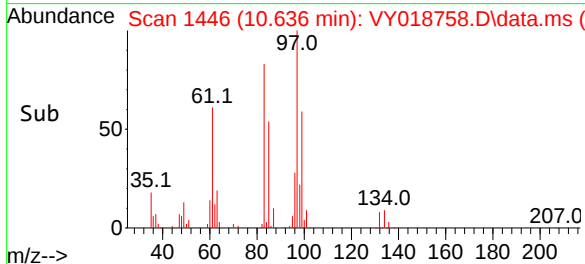


#55
1,1,2-Trichloroethane
Concen: 56.193 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

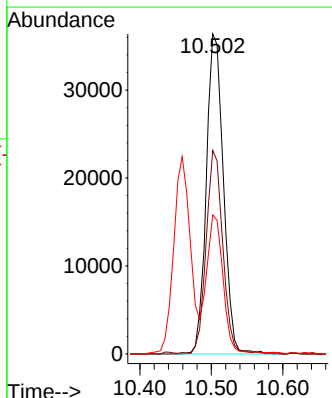
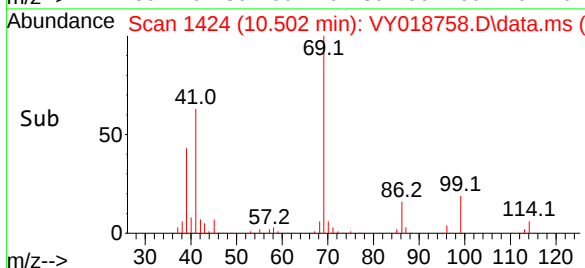
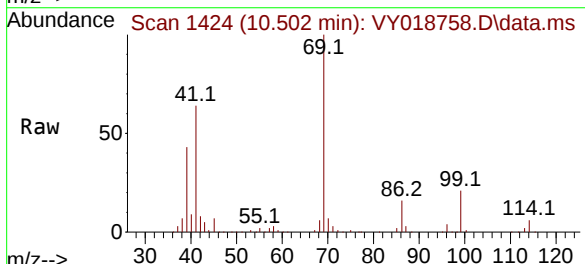


Tgt Ion: 97	Resp: 46416
Ion Ratio	Lower Upper
97 100	
83 82.7	67.5 101.3
85 54.3	42.9 64.3
99 58.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 55.416 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 69	Resp: 60265
Ion Ratio	Lower Upper
69 100	
41 61.3	42.3 63.5
39 40.9	22.9 34.3#

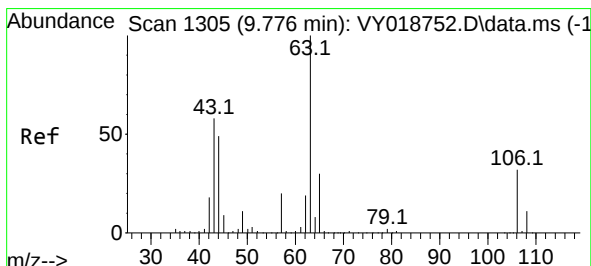
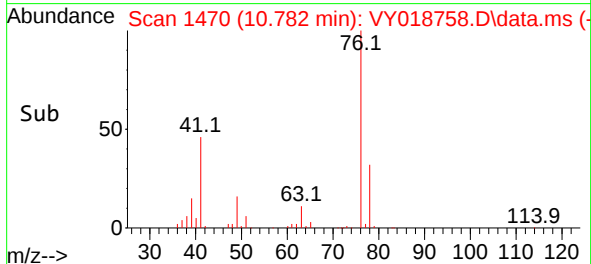
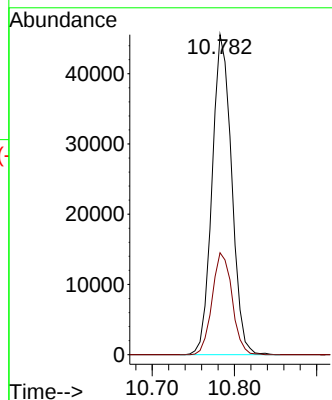
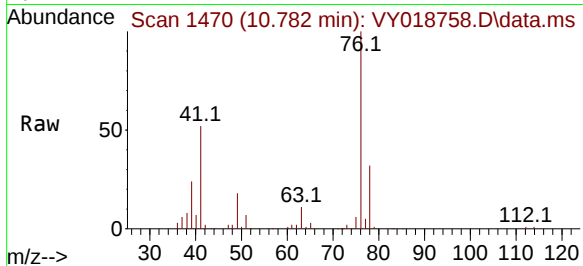




#57
1,3-Dichloropropane
Concen: 54.996 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

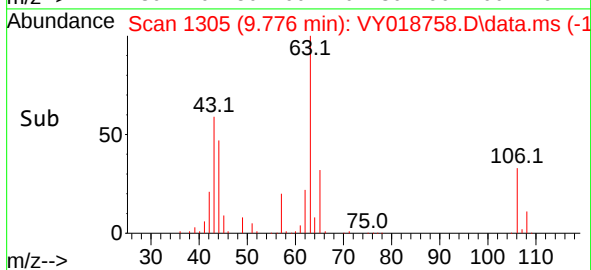
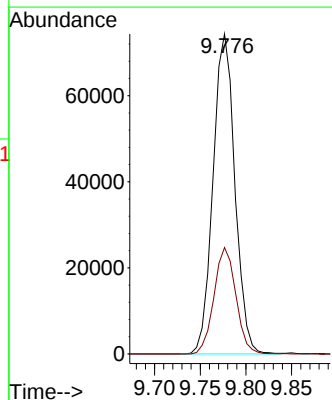
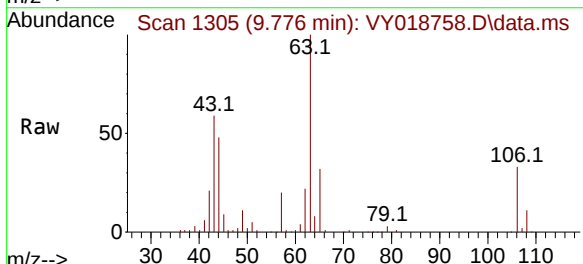
Instrument :
MSVOA_Y
ClientSampleId :

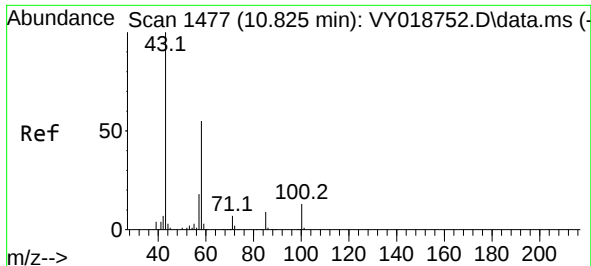
Tgt Ion: 76 Resp: 75306
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 237.590 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 63 Resp: 123441
Ion Ratio Lower Upper
63 100
106 33.4 23.7 35.5

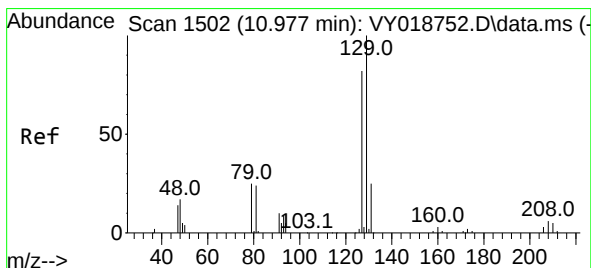
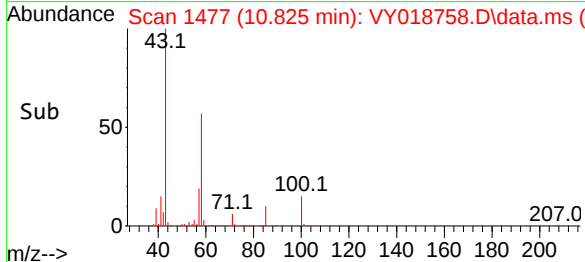
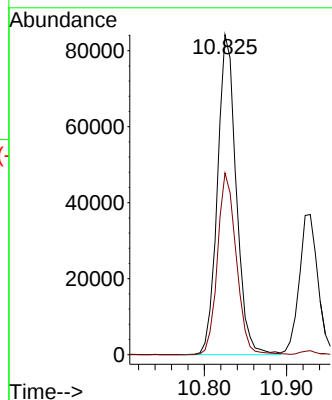
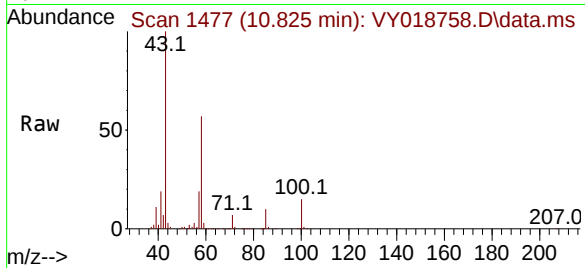




#59
2-Hexanone
Concen: 283.794 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

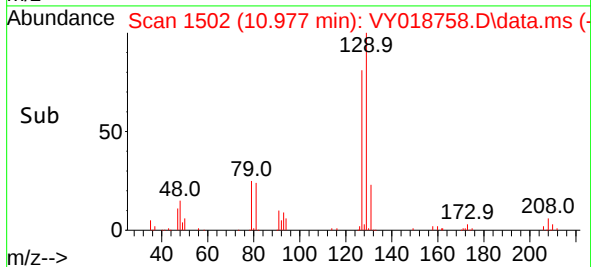
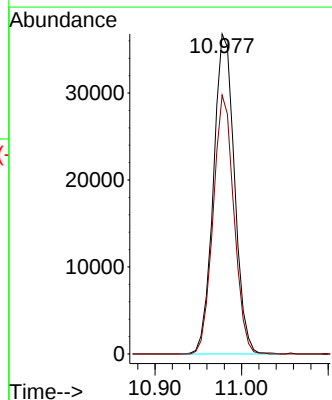
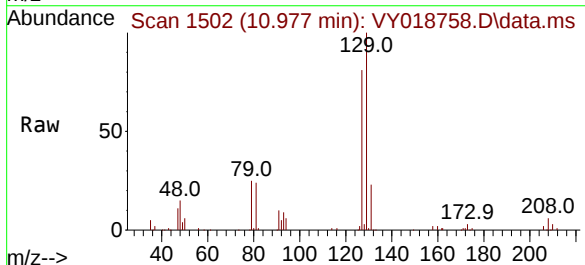
Instrument :
MSVOA_Y
ClientSampleId :

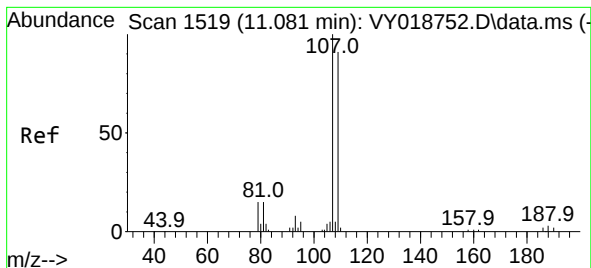
Tgt Ion: 43 Resp: 133561
Ion Ratio Lower Upper
43 100
58 56.7 31.4 94.0



#60
Dibromochloromethane
Concen: 54.688 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion:129 Resp: 62067
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.469 ug/l

RT: 11.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

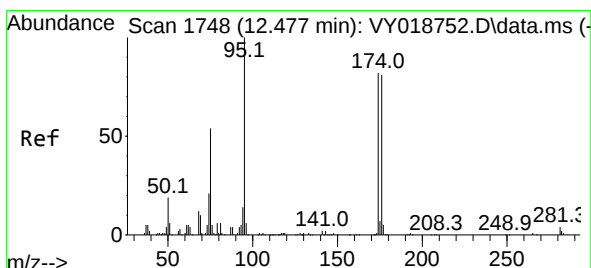
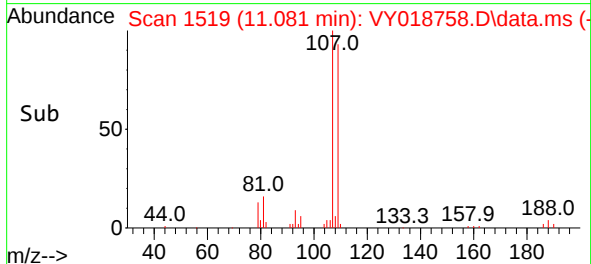
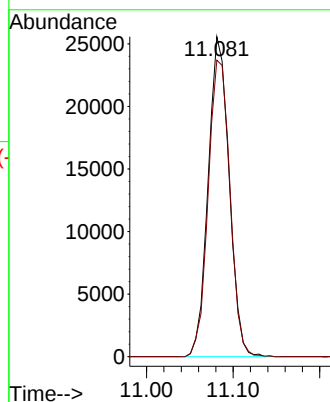
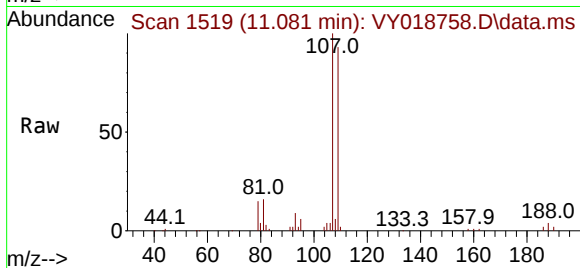
ClientSampleId :

Tgt Ion:107 Resp: 42937

Ion Ratio Lower Upper

107 100

109 96.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.493 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

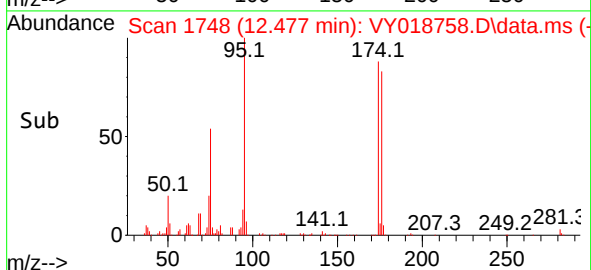
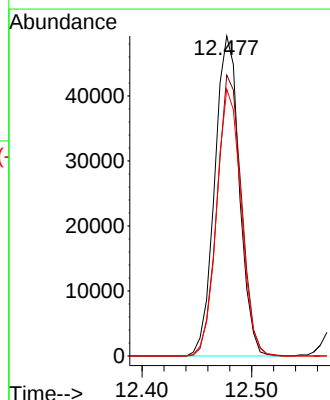
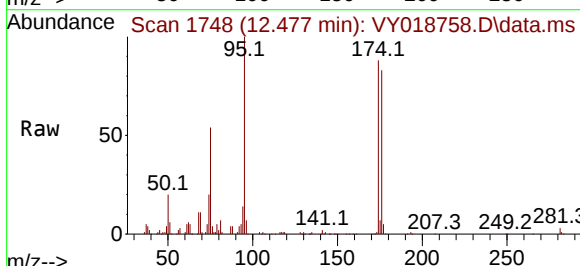
Tgt Ion: 95 Resp: 76906

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 83.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

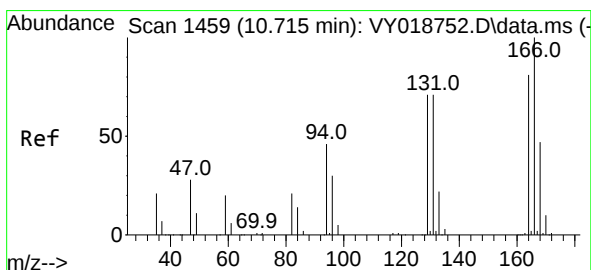
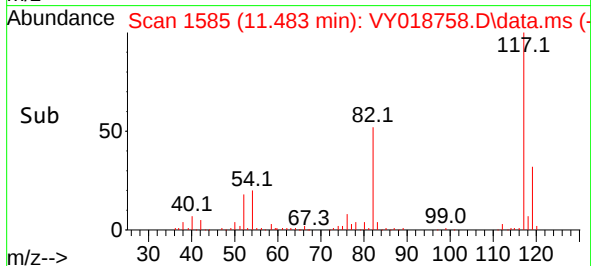
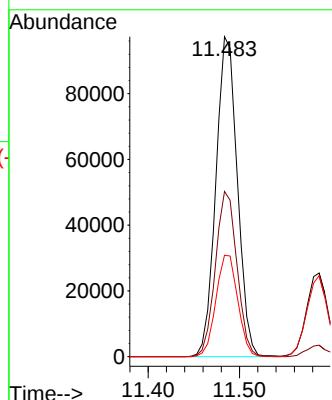
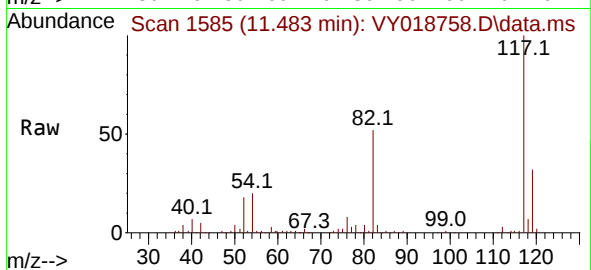
Tgt Ion:117 Resp: 159255

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 53.953 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Tgt Ion:164 Resp: 69548

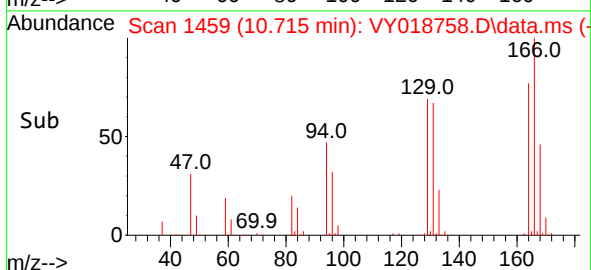
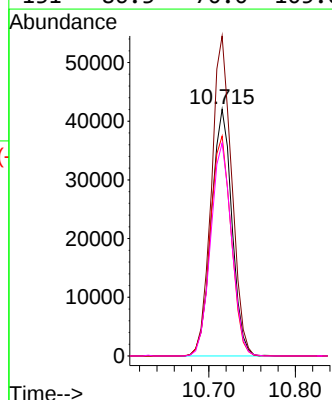
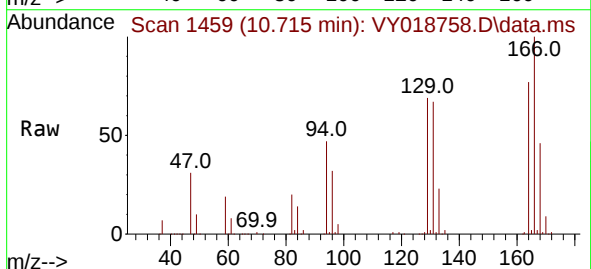
Ion Ratio Lower Upper

164 100

166 129.7 102.6 154.0

129 89.1 72.0 108.0

131 86.3 70.0 105.0





#65

Chlorobenzene

Concen: 53.167 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

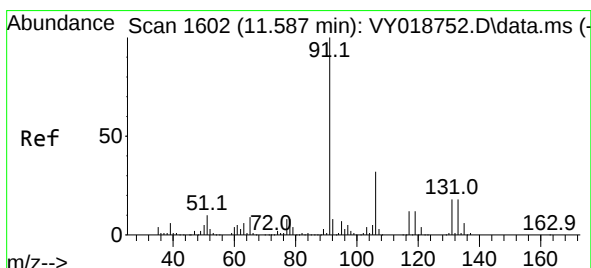
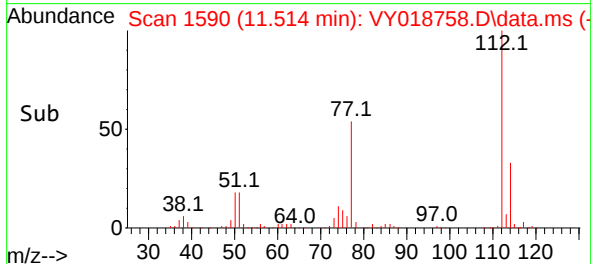
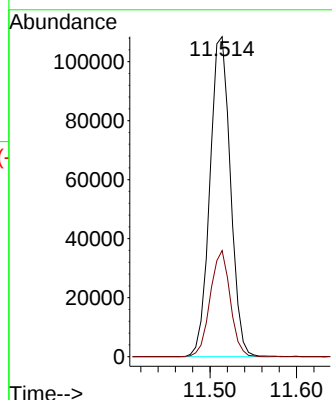
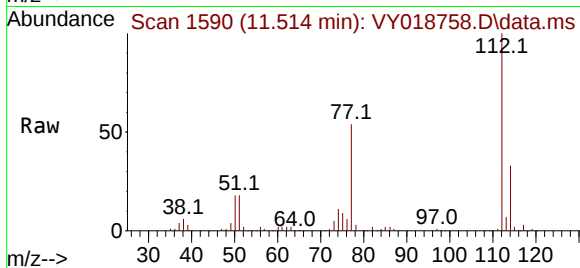
ClientSampleId :

Tgt Ion:112 Resp: 178613

Ion Ratio Lower Upper

112 100

114 33.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.292 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

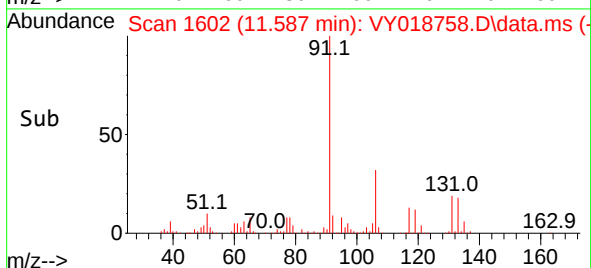
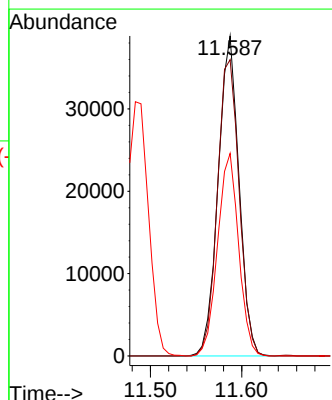
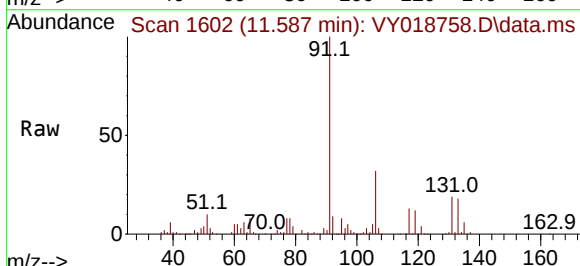
Tgt Ion:131 Resp: 61685

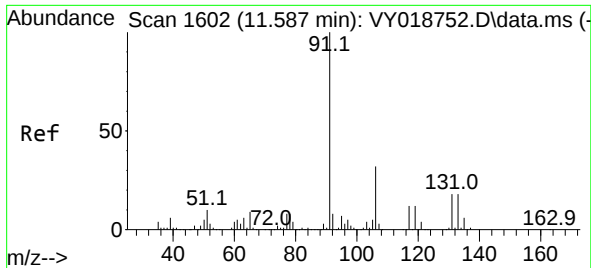
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

119 63.9 34.1 102.2

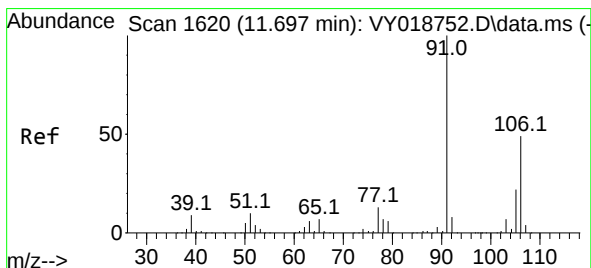
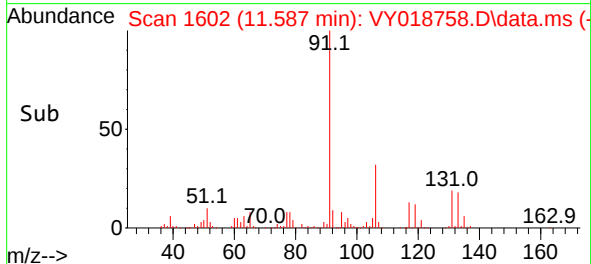
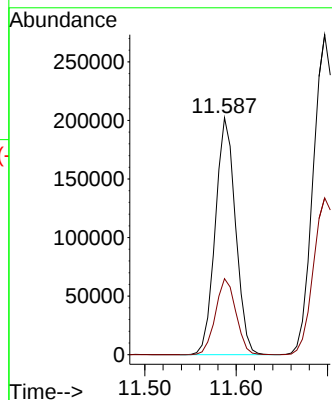
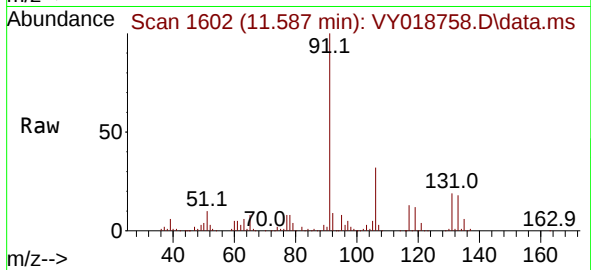




#67
Ethyl Benzene
Concen: 52.871 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

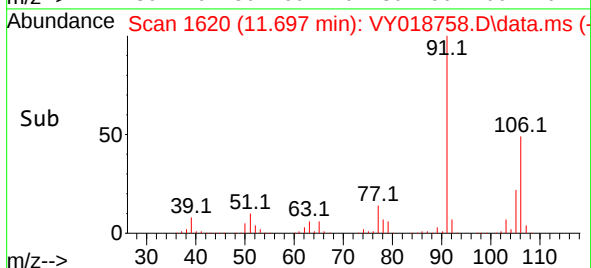
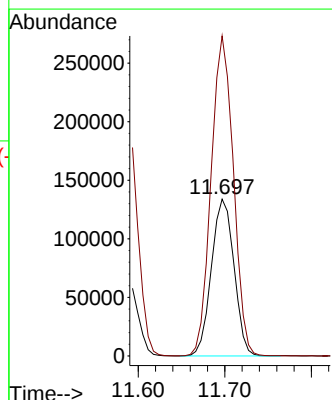
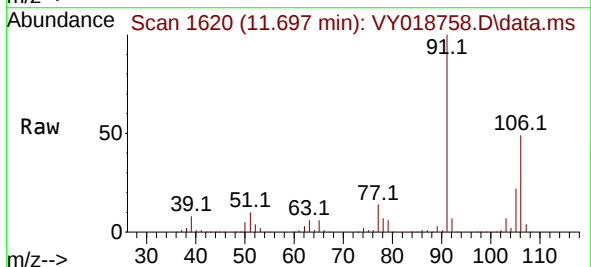
Instrument :
MSVOA_Y
ClientSampleId :

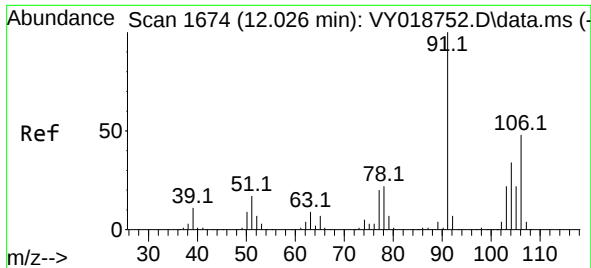
Tgt Ion: 91 Resp: 311157
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 105.122 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion:106 Resp: 242778
Ion Ratio Lower Upper
106 100
91 201.7 156.0 234.0

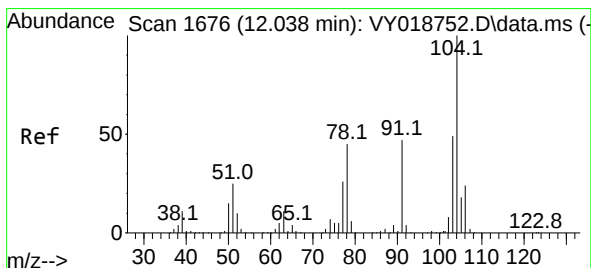
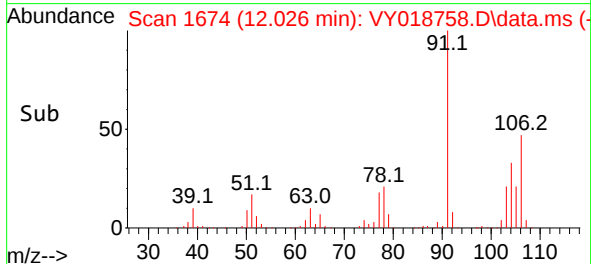
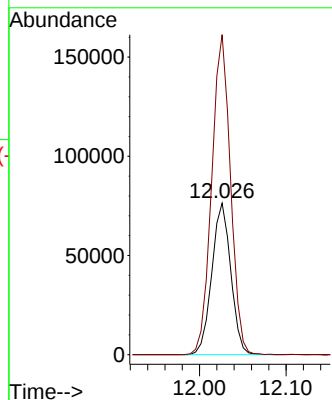
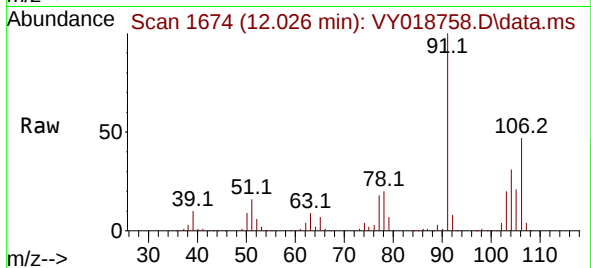




#69
o-Xylene
Concen: 53.455 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

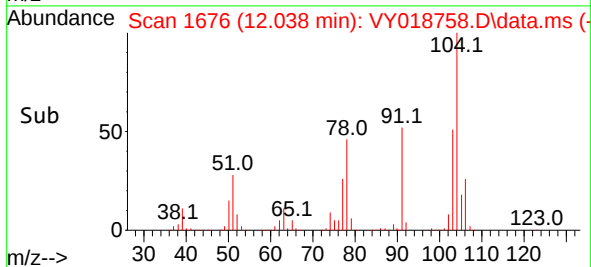
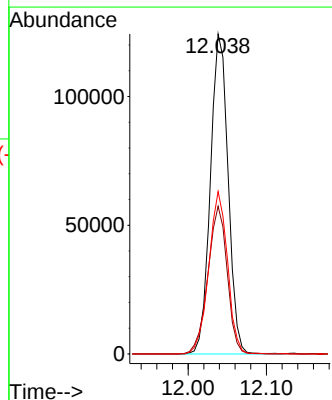
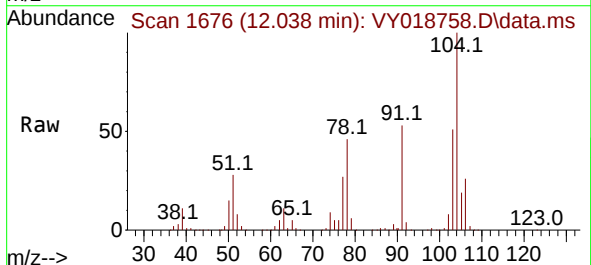
Instrument :
MSVOA_Y
ClientSampleId :

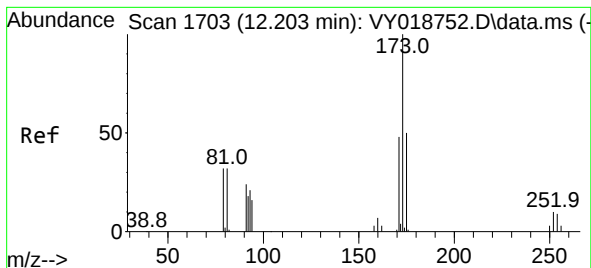
Tgt Ion:106 Resp: 116065
Ion Ratio Lower Upper
106 100
91 209.7 103.6 310.8



#70
Styrene
Concen: 53.936 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion:104 Resp: 195403
Ion Ratio Lower Upper
104 100
78 50.1 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 57.391 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

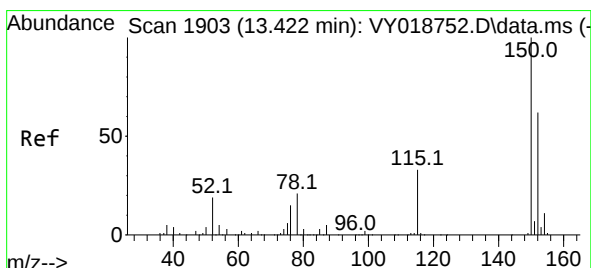
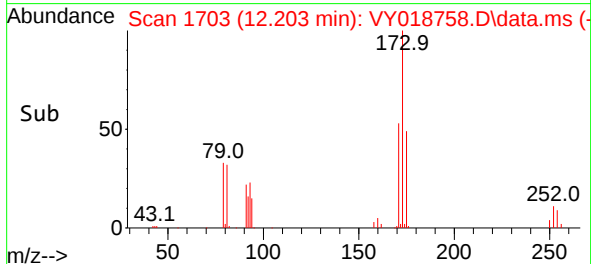
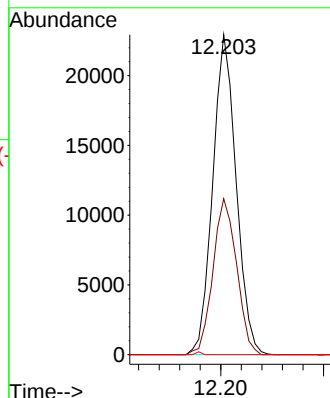
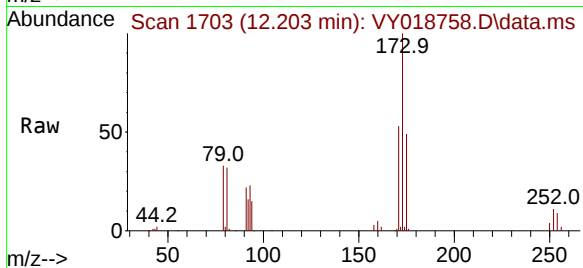
Tgt Ion:173 Resp: 36209

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

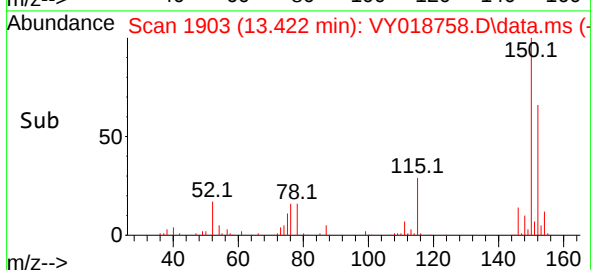
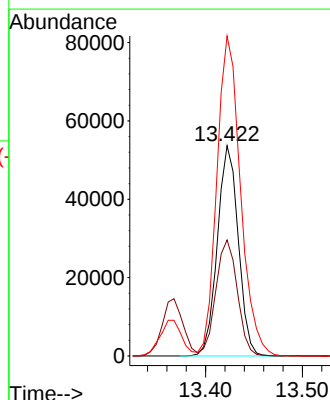
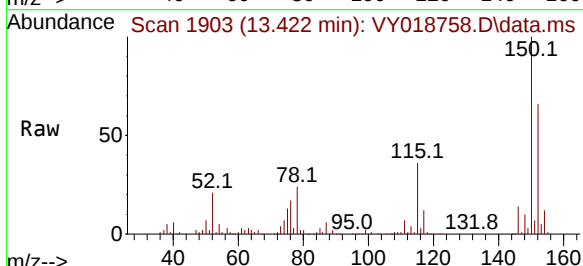
Tgt Ion:152 Resp: 80433

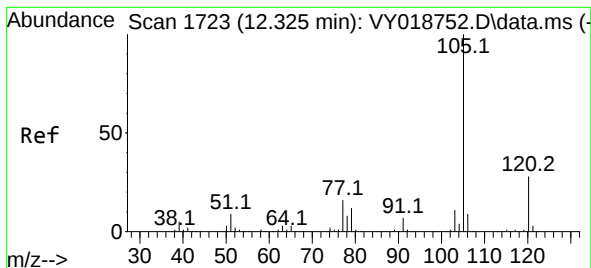
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 172.1 0.0 345.6





#73

Isopropylbenzene

Concen: 52.083 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

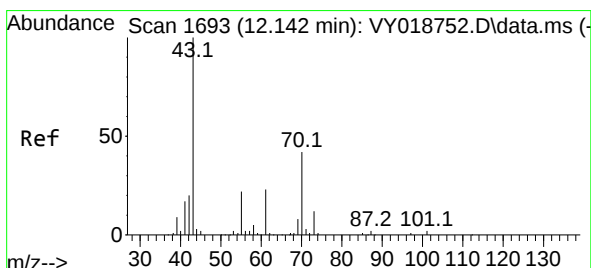
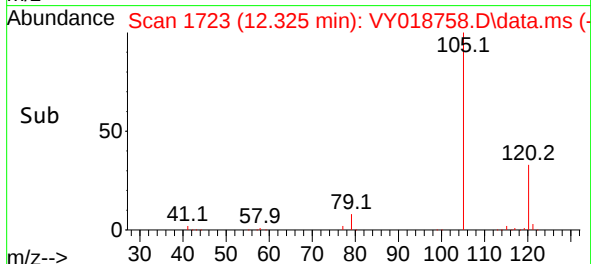
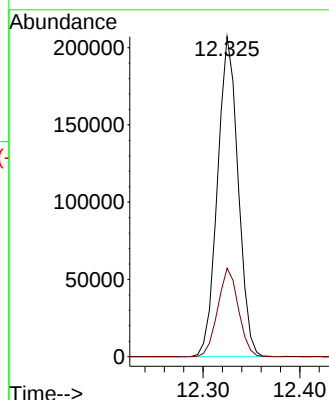
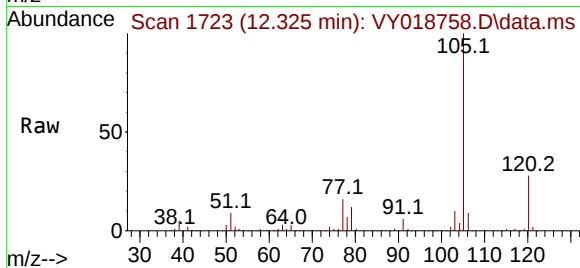
ClientSampleId :

Tgt Ion:105 Resp: 306595

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 54.580 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Tgt Ion: 43 Resp: 65707

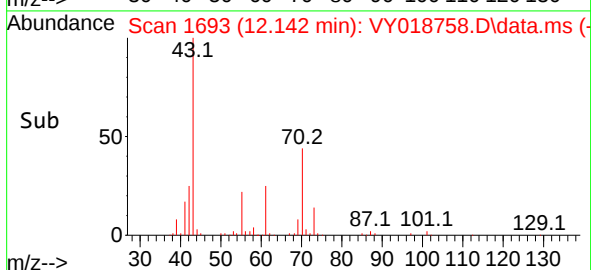
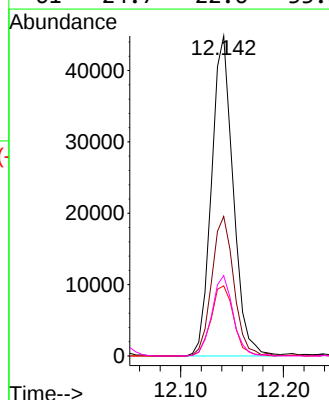
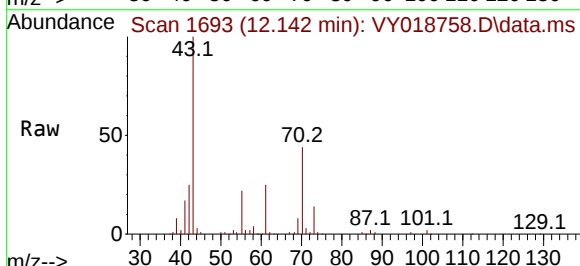
Ion Ratio Lower Upper

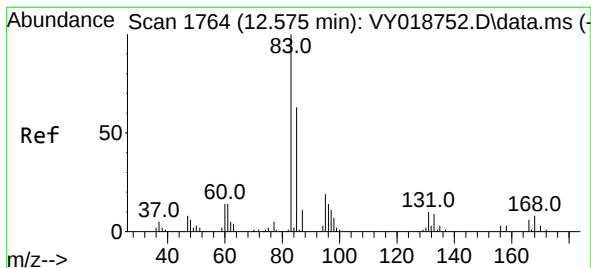
43 100

70 44.6 41.4 62.2

55 22.9 23.3 34.9#

61 24.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.332 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

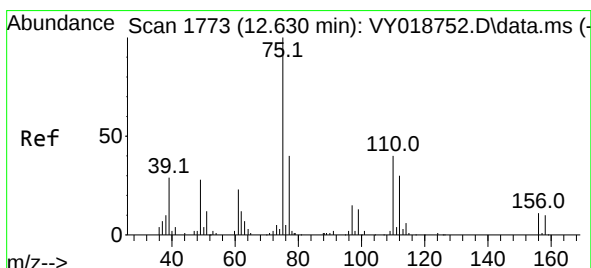
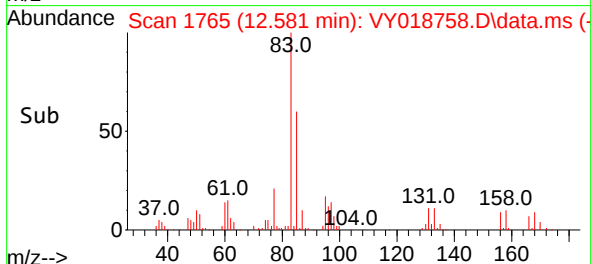
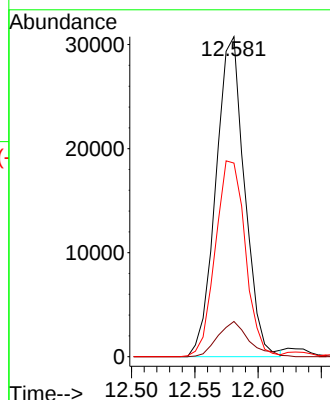
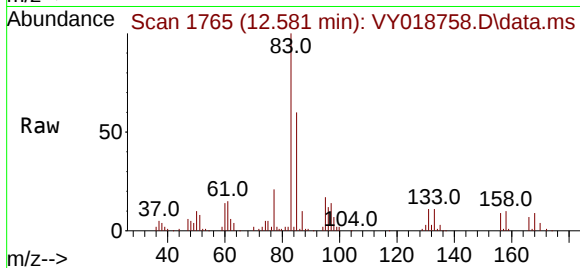
Tgt Ion: 83 Resp: 48564

Ion Ratio Lower Upper

83 100

131 11.9 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 103.464 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018758.D

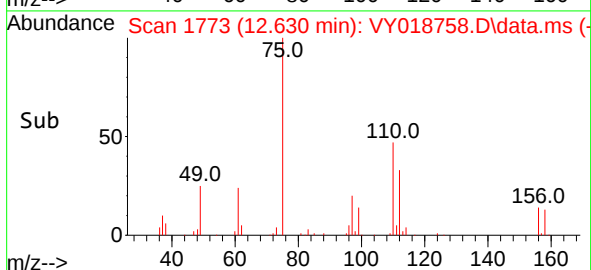
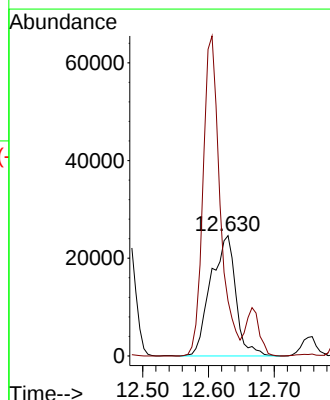
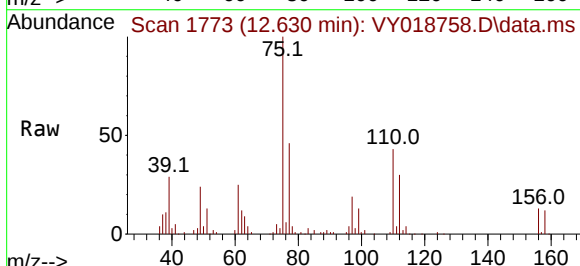
Acq: 10 Jul 2024 10:06

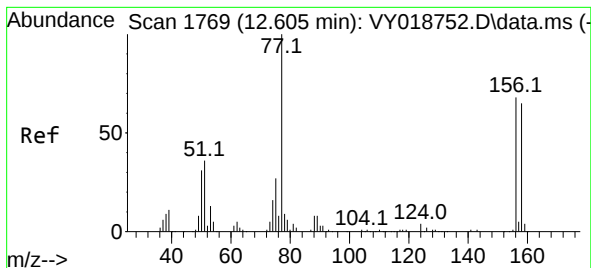
Tgt Ion: 75 Resp: 65179

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.596 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

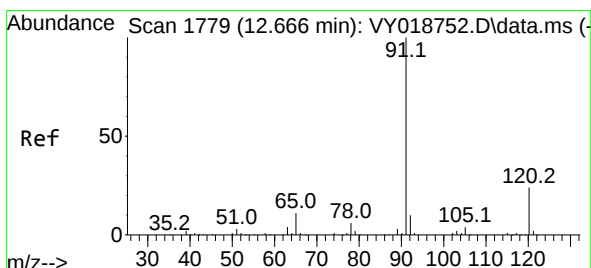
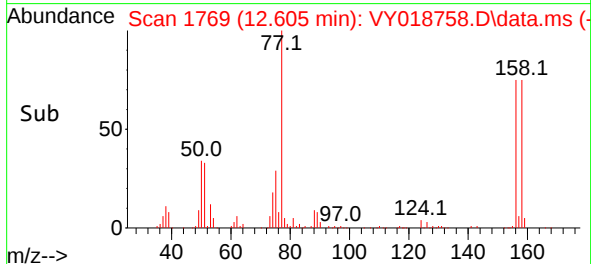
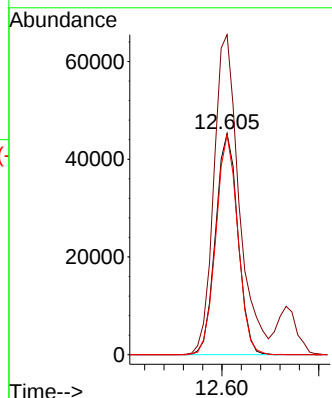
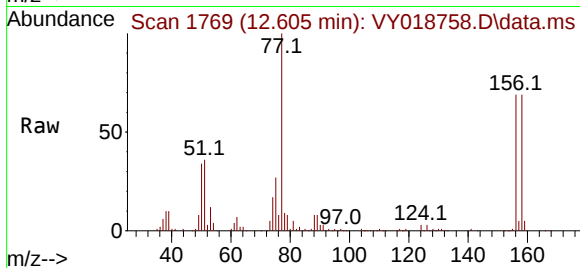
Tgt Ion:156 Resp: 72508

Ion Ratio Lower Upper

156 100

77 163.5 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 51.606 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018758.D

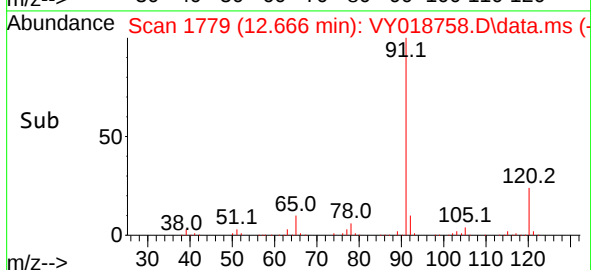
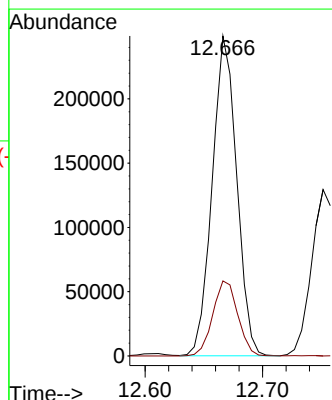
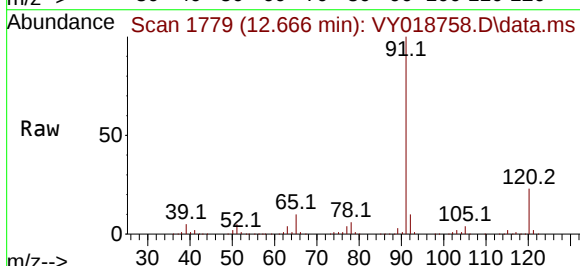
Acq: 10 Jul 2024 10:06

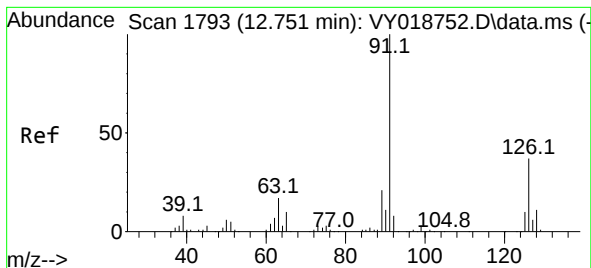
Tgt Ion: 91 Resp: 360752

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.607 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

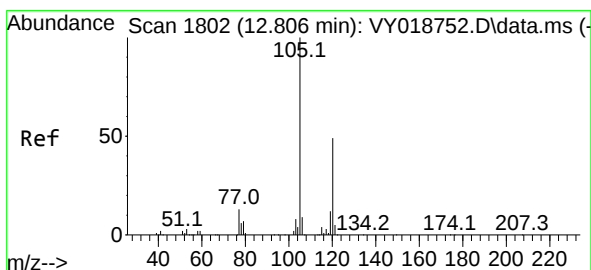
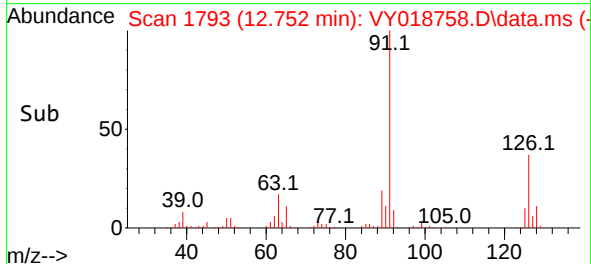
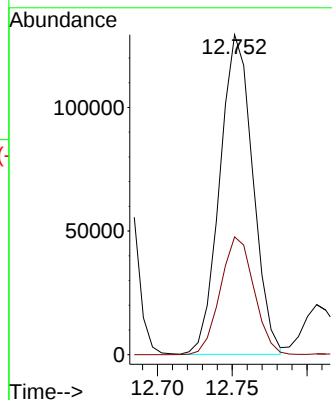
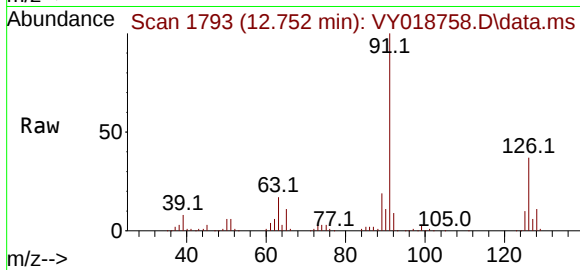
ClientSampleId :

Tgt Ion: 91 Resp: 198919

Ion Ratio Lower Upper

91 100

126 37.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.463 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018758.D

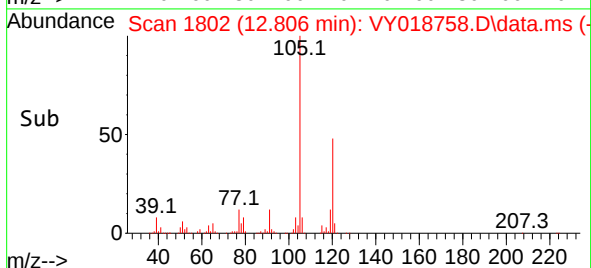
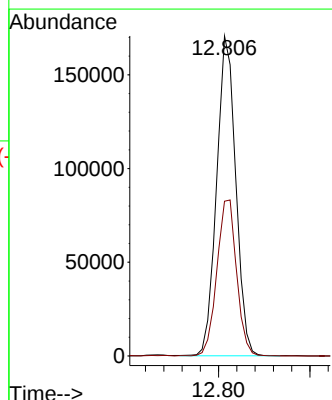
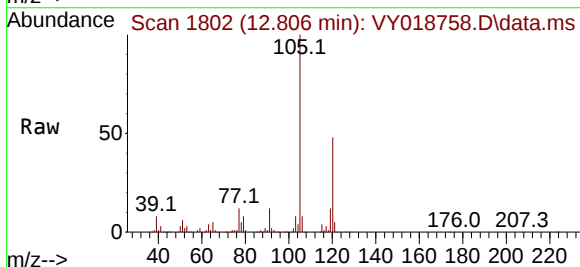
Acq: 10 Jul 2024 10:06

Tgt Ion:105 Resp: 247874

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

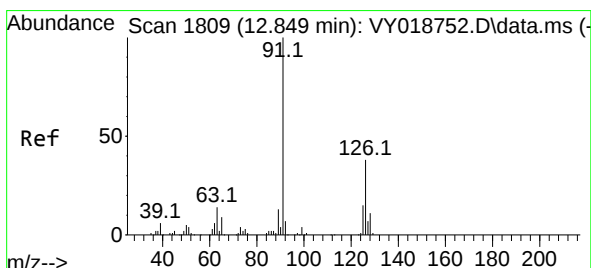
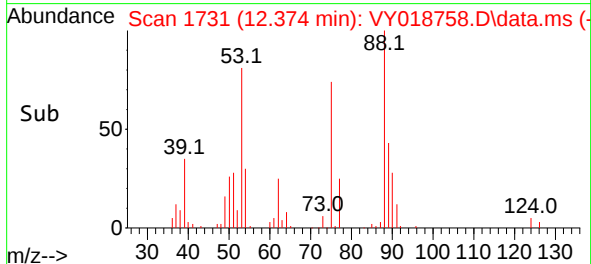
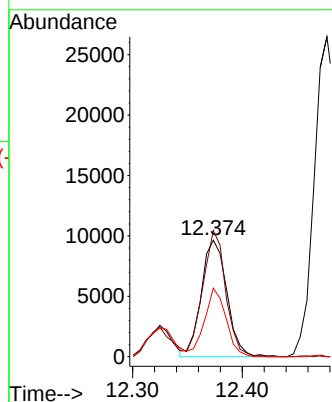
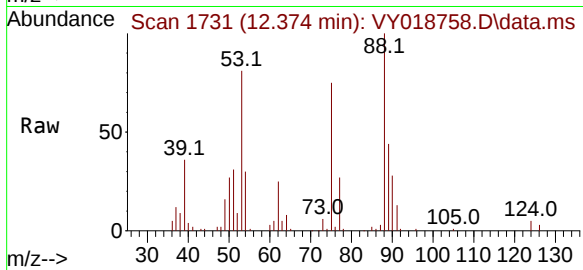




#81
trans-1,4-Dichloro-2-butene
Concen: 55.681 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

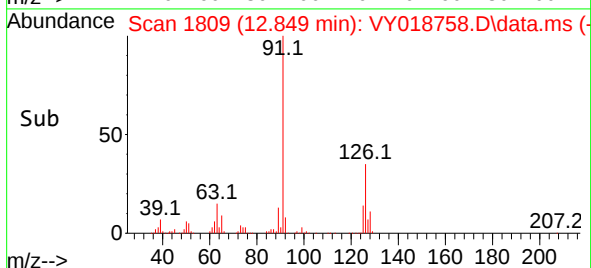
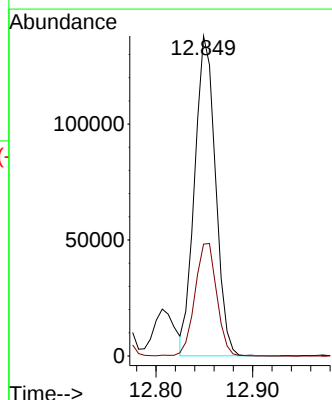
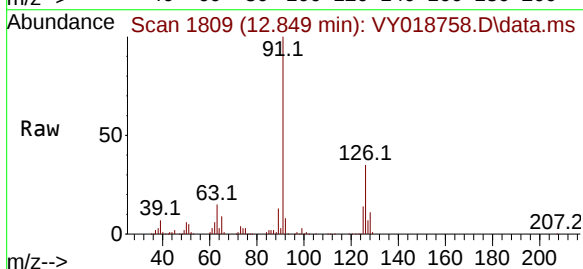
Instrument :
MSVOA_Y
ClientSampleId :

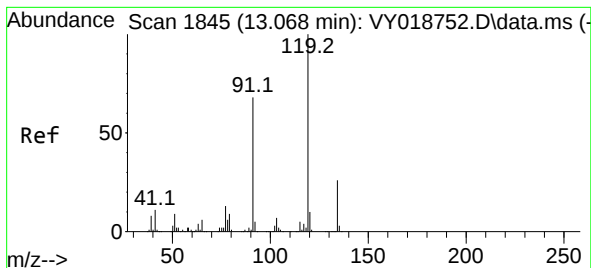
Tgt Ion: 75 Resp: 15673
Ion Ratio Lower Upper
75 100
53 96.8 66.8 100.2
89 49.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.993 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 91 Resp: 206397
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.598 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

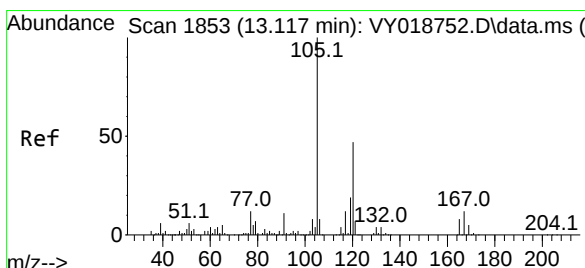
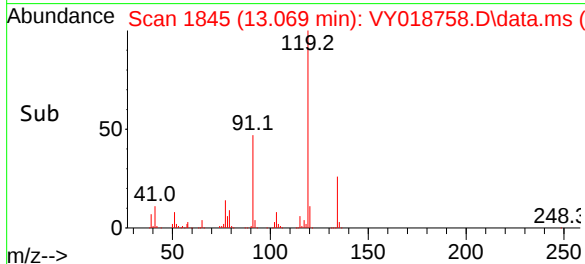
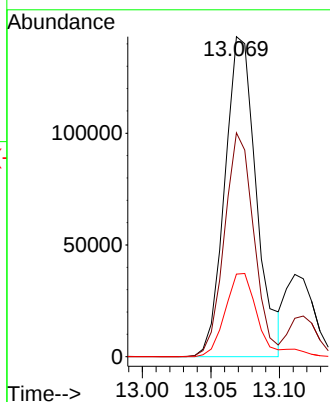
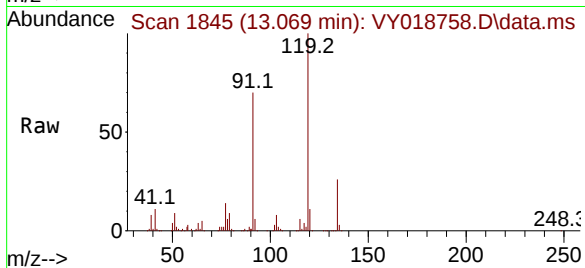
Tgt Ion:119 Resp: 229444

Ion Ratio Lower Upper

119 100

91 65.6 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.718 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018758.D

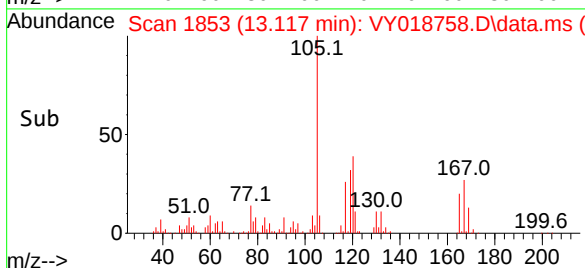
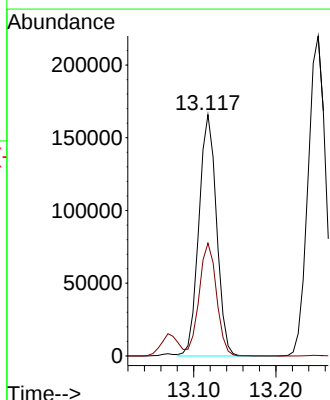
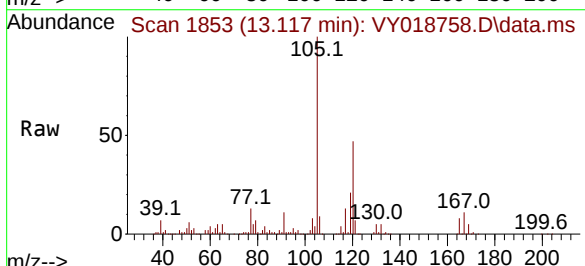
Acq: 10 Jul 2024 10:06

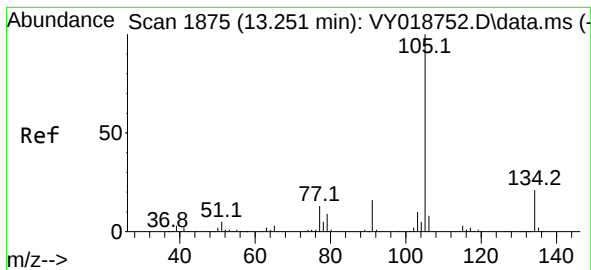
Tgt Ion:105 Resp: 247536

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.143 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

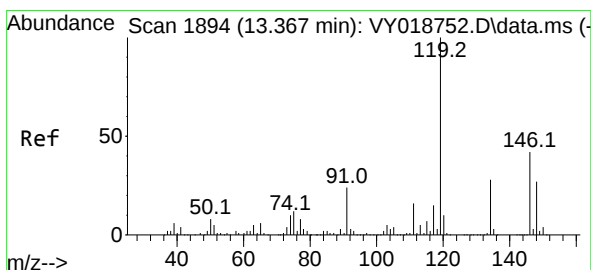
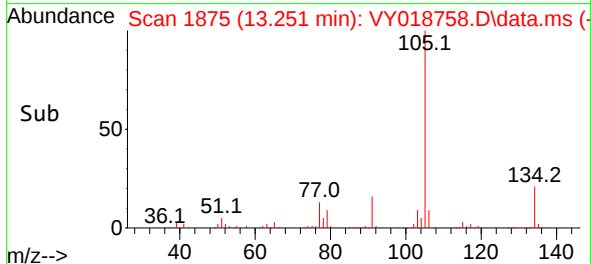
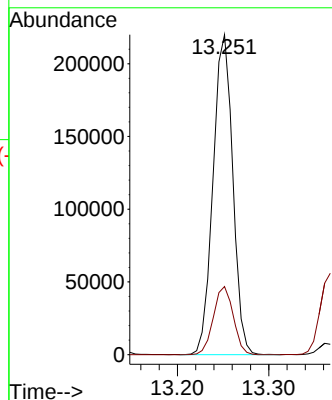
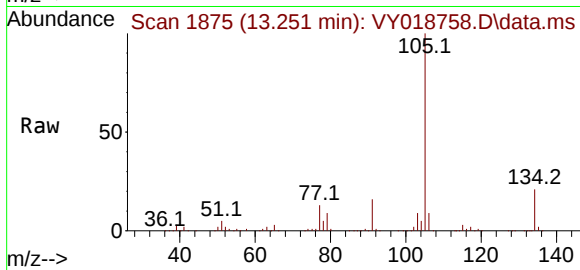
ClientSampleId :

Tgt Ion:105 Resp: 329115

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.181 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

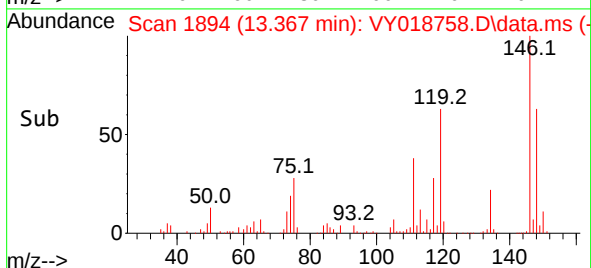
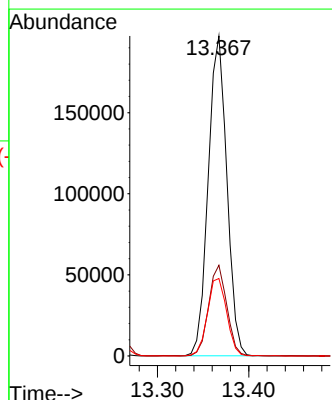
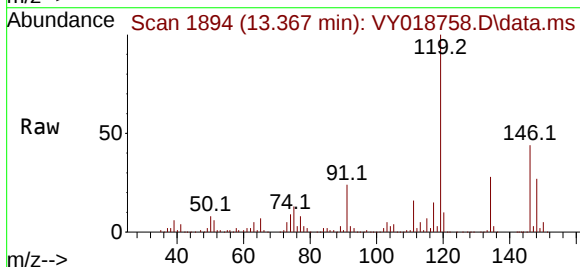
Tgt Ion:119 Resp: 278885

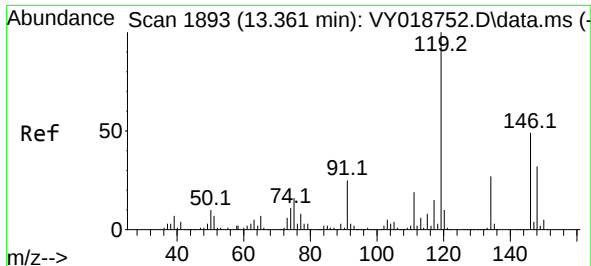
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.385 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

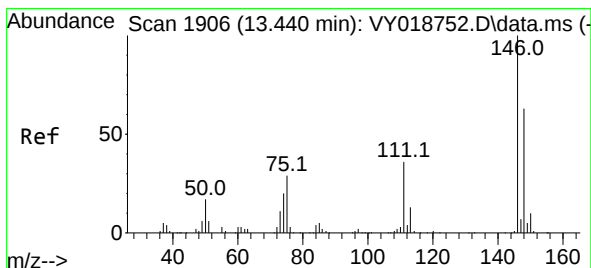
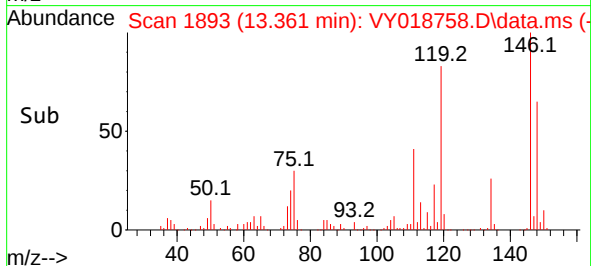
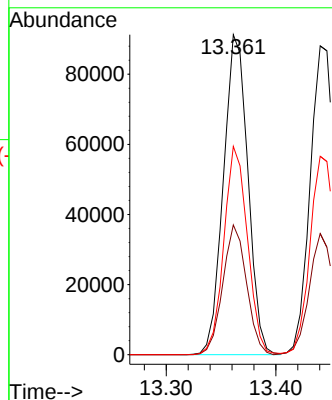
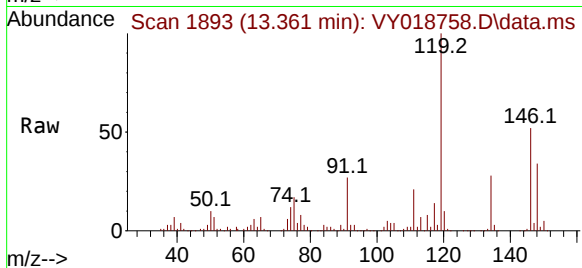
Tgt Ion:146 Resp: 141828

Ion Ratio Lower Upper

146 100

111 39.3 19.0 57.0

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.228 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

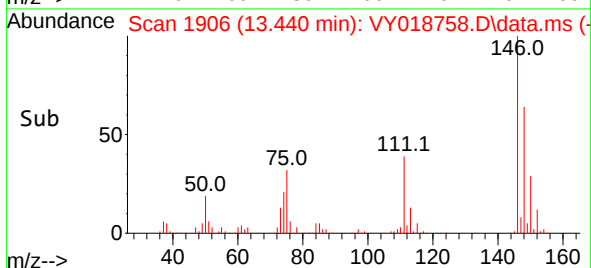
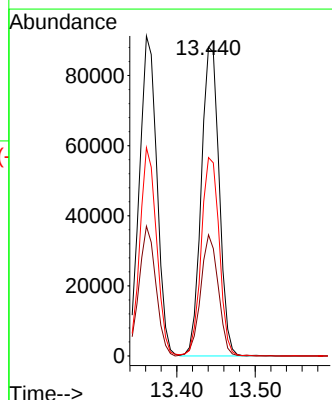
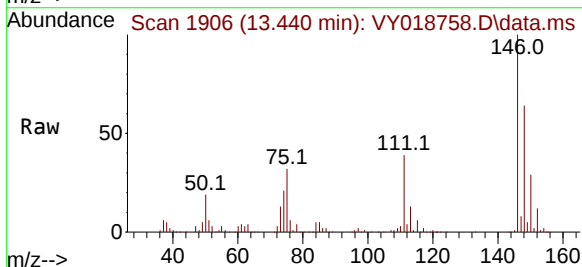
Tgt Ion:146 Resp: 140139

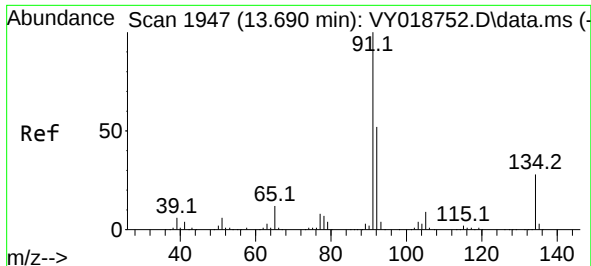
Ion Ratio Lower Upper

146 100

111 38.5 18.4 55.4

148 64.6 32.4 97.2

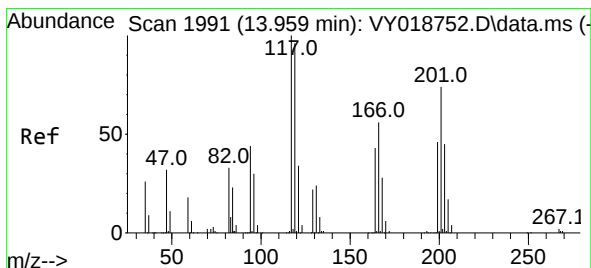
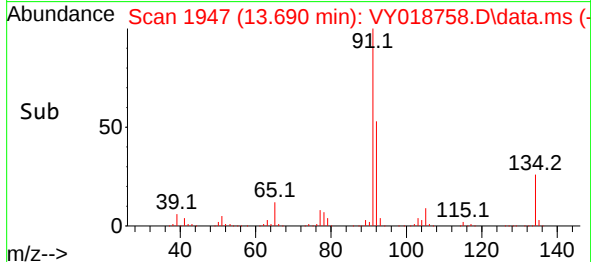
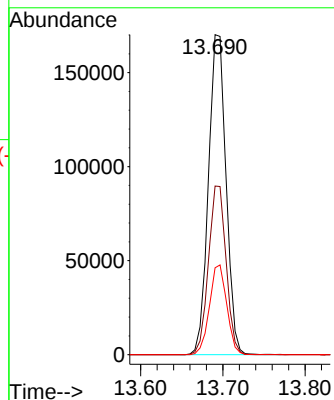
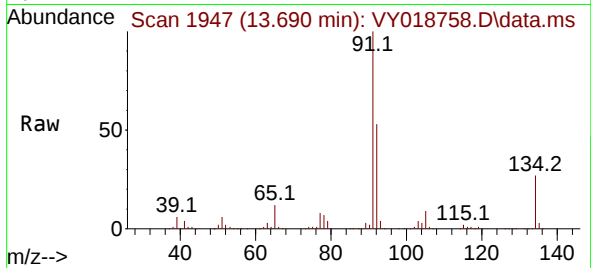




#89
n-Butylbenzene
Concen: 51.203 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

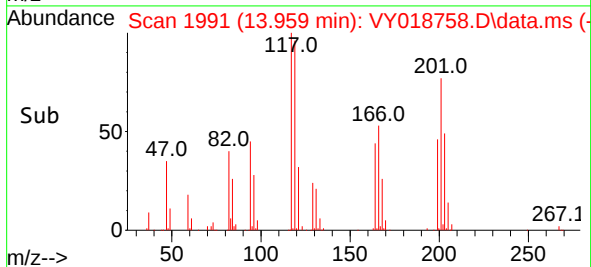
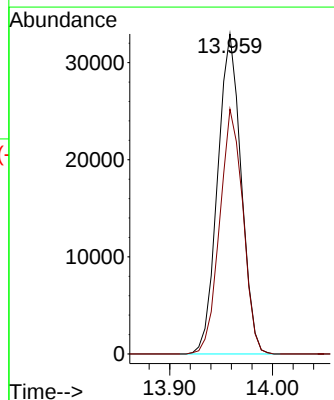
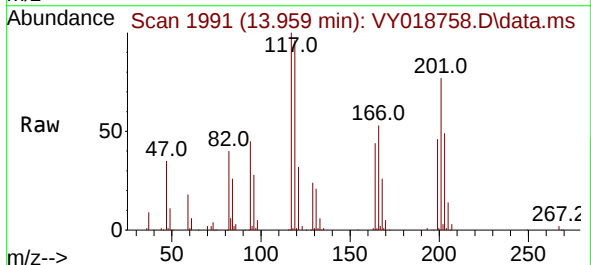
Instrument :
MSVOA_Y
ClientSampleId :

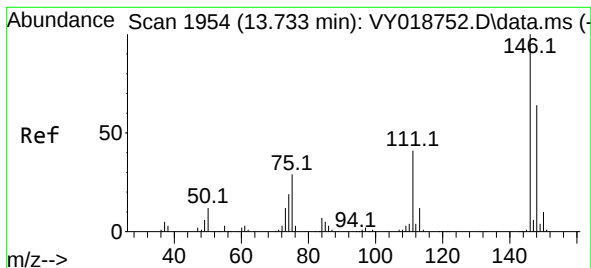
Tgt Ion: 91 Resp: 252944
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 27.6 12.9 38.7



#90
Hexachloroethane
Concen: 51.666 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018758.D
Acq: 10 Jul 2024 10:06

Tgt Ion: 117 Resp: 52357
Ion Ratio Lower Upper
117 100
201 75.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.152 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

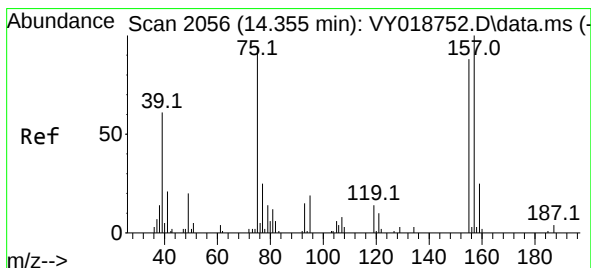
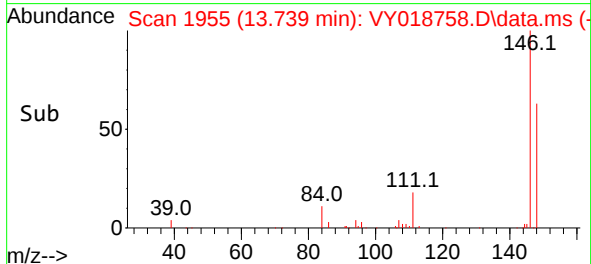
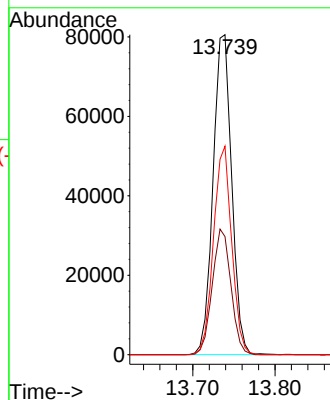
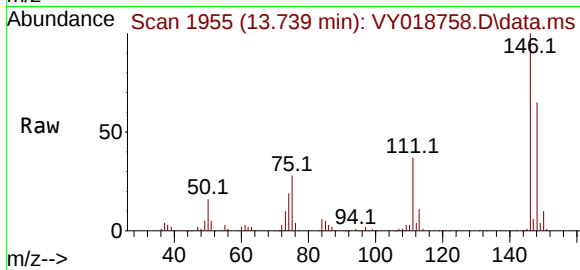
Tgt Ion:146 Resp: 126726

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.186 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

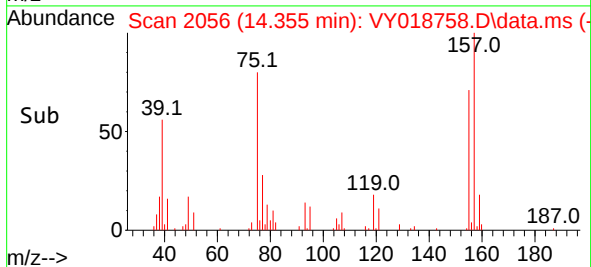
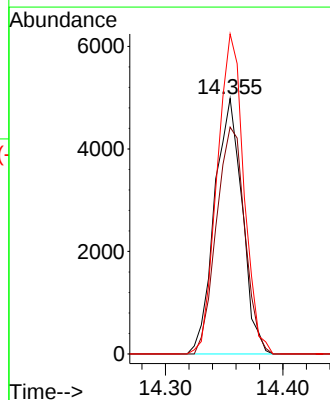
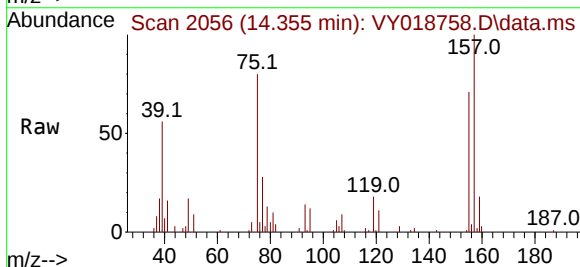
Tgt Ion: 75 Resp: 8148

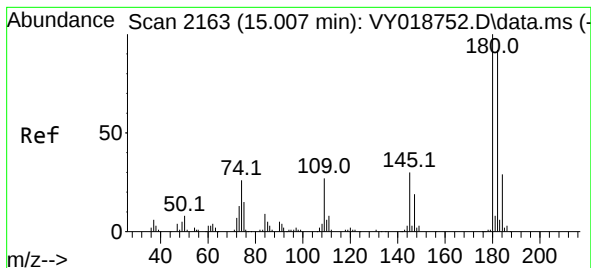
Ion Ratio Lower Upper

75 100

155 91.1 48.6 145.8

157 121.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.619 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

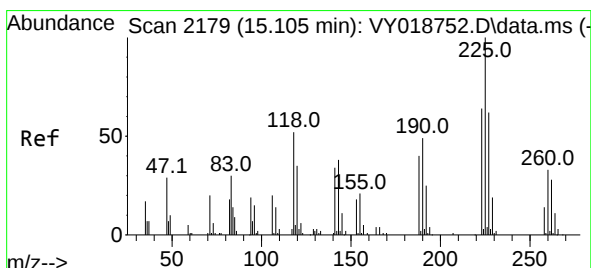
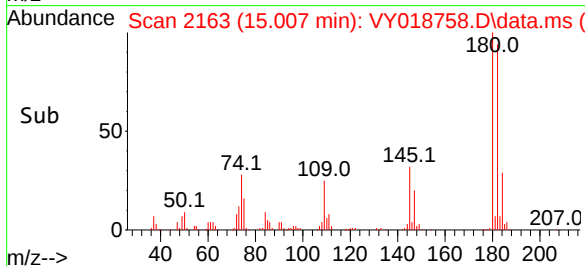
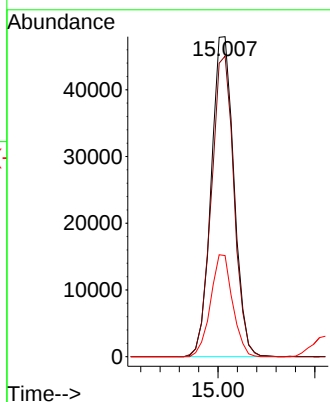
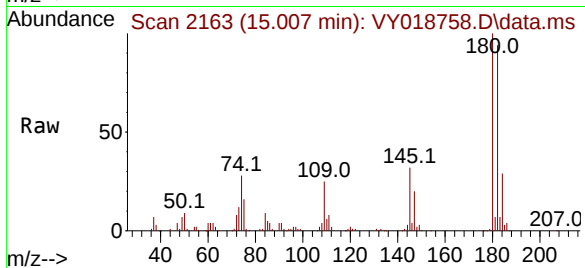
Tgt Ion:180 Resp: 78038

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.137 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

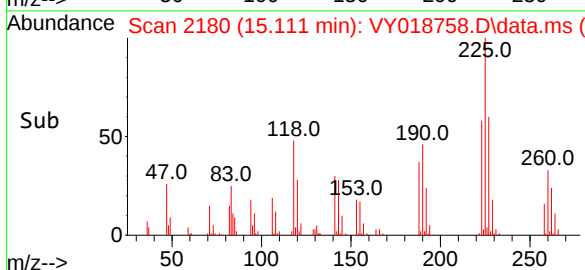
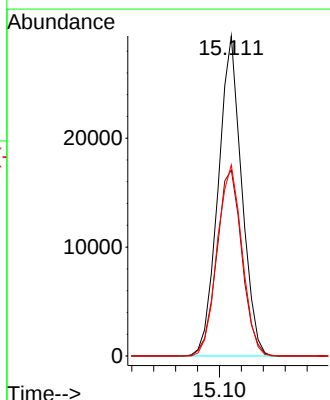
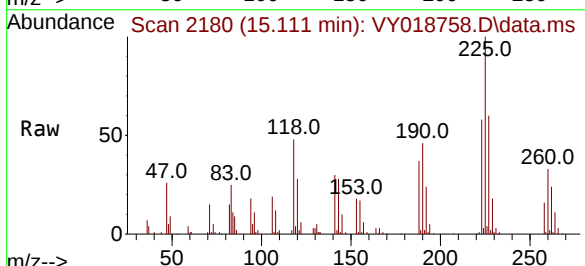
Tgt Ion:225 Resp: 43738

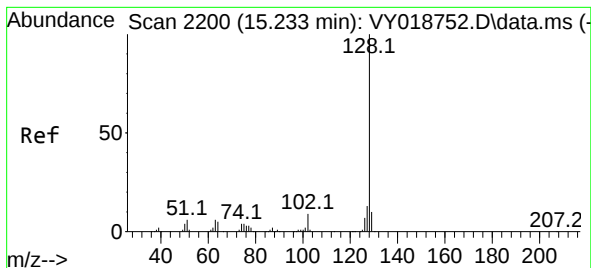
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 55.847 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

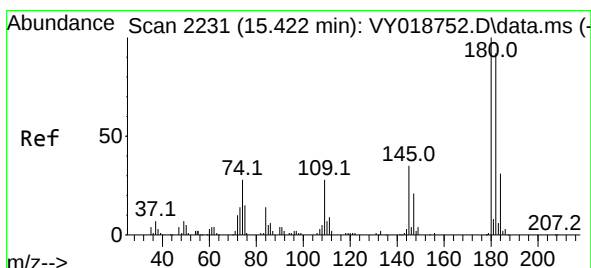
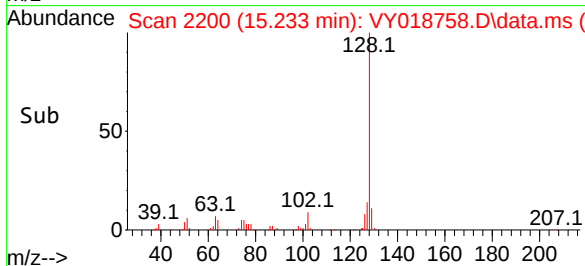
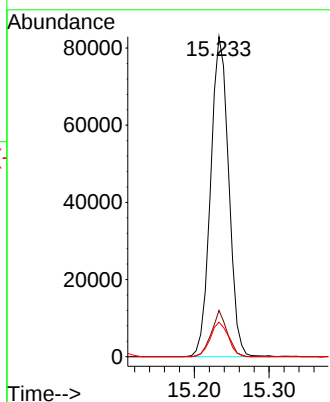
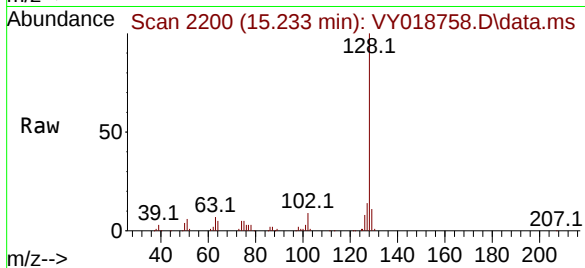
Tgt Ion:128 Resp: 139437

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.798 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018758.D

Acq: 10 Jul 2024 10:06

Tgt Ion:180 Resp: 65749

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 32.6 15.4 46.1

