

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018910.D
 Acq On : 24 Jul 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:30:25 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	7.807	168	92611	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	140673	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.569	117	122308	50.000	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	13.538	152	62242	50.000	ug/l	0.12

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45673	50.118	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.740	113	47078	53.433	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.240	98	166187	49.786	ug/l	0.07
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.575	95	58196	51.052	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29371	37.848	ug/l	99
3) Chloromethane	2.107	50	50089	42.475	ug/l	96
4) Vinyl Chloride	2.241	62	62536	45.333	ug/l	96
5) Bromomethane	2.643	94	44556	46.956	ug/l	97
6) Chloroethane	2.784	64	41640	46.462	ug/l	99
7) Trichlorofluoromethane	3.113	101	88372	49.024	ug/l	95
8) Diethyl Ether	3.521	74	23678	53.892	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	47448	51.302	ug/l	94
10) Methyl Iodide	4.082	142	52764	52.978	ug/l	93
11) Tert butyl alcohol	4.942	59	16616	179.989	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	43942	49.112	ug/l	97
13) Acrolein	3.716	56	7782	105.215	ug/l	91
14) Allyl chloride	4.460	41	57519	51.891	ug/l	95
15) Acrylonitrile	5.149	53	46878	270.461	ug/l	97
16) Acetone	3.936	43	44972	267.673	ug/l	99
17) Carbon Disulfide	4.180	76	115760	46.205	ug/l	96
18) Methyl Acetate	4.460	43	25899	53.052	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	108923	52.478	ug/l	93
20) Methylene Chloride	4.698	84	57391	61.454	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	48098	50.933	ug/l	94
22) Diisopropyl ether	6.112	45	123099	51.053	ug/l #	91
23) Vinyl Acetate	6.051	43	487608	256.690	ug/l	98
24) 1,1-Dichloroethane	6.009	63	80318	52.172	ug/l	97
25) 2-Butanone	6.990	43	61313	260.347	ug/l	92
26) 2,2-Dichloropropane	6.984	77	70830	49.586	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	56529	51.416	ug/l	98
28) Bromochloromethane	7.338	49	31411	50.800	ug/l	97
29) Tetrahydrofuran	7.356	42	38837	268.994	ug/l	93
30) Chloroform	7.521	83	87883	51.222	ug/l	99
31) Cyclohexane	7.801	56	62483	44.628	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	82737	51.858	ug/l	99
36) 1,1-Dichloropropene	7.935	75	59991	49.339	ug/l	98
37) Ethyl Acetate	7.076	43	27281	53.979	ug/l	97
38) Carbon Tetrachloride	7.923	117	73662	50.300	ug/l	98
39) Methylcyclohexane	9.228	83	77461	49.712	ug/l	98
40) Benzene	8.185	78	184306	52.253	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	21926	76.094	ug/l #	27
42) 1,2-Dichloroethane	8.264	62	52585	53.248	ug/l	96
43) Isopropyl Acetate	8.301	43	52023	51.730	ug/l #	82
44) Trichloroethene	8.978	130	53526	53.088	ug/l	96
45) 1,2-Dichloropropane	9.258	63	41171	53.602	ug/l	94
46) Dibromomethane	9.350	93	27128	54.489	ug/l	99
47) Bromodichloromethane	9.545	83	68197	54.832	ug/l	97
48) Methyl methacrylate	9.337	41	24141	52.813	ug/l #	87
49) 1,4-Dioxane	9.344	88	6334	1085.315	ug/l #	99
51) 4-Methyl-2-Pentanone	10.124	43	138700	270.135	ug/l	92
52) Toluene	10.301	92	116696	49.777	ug/l	99
53) t-1,3-Dichloropropene	10.526	75	58480	54.458	ug/l	98
54) cis-1,3-Dichloropropene	9.984	75	68388	54.285	ug/l	92
55) 1,1,2-Trichloroethane	10.709	97	34339	54.467	ug/l	98
56) Ethyl methacrylate	10.575	69	43580	52.504	ug/l #	84
57) 1,3-Dichloropropane	10.855	76	55591	53.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.831	63	105966	267.220	ug/l	93
59) 2-Hexanone	10.898	43	94153	262.115	ug/l	92
60) Dibromochloromethane	11.051	129	47934	55.336	ug/l	99
61) 1,2-Dibromoethane	11.160	107	32670	53.303	ug/l	98
64) Tetrachloroethene	10.782	164	53360	53.900	ug/l	97
65) Chlorobenzene	11.593	112	136881	53.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.666	131	48516	54.577	ug/l	97
67) Ethyl Benzene	11.672	91	231246	51.162	ug/l	98
68) m/p-Xylenes	11.672	106	73885	41.656	ug/l #	21
69) o-Xylene	12.111	106	85147	51.062	ug/l	98
70) Styrene	12.130	104	146012	52.478	ug/l	96
71) Bromoform	12.294	173	28468	58.752	ug/l #	98
73) Isopropylbenzene	12.416	105	228743	50.215	ug/l	98
74) N-amyl acetate	12.233	43	46507	49.922	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.678	83	37019	51.550	ug/l	99
76) 1,2,3-Trichloropropane	12.575	75	32560	66.791	ug/l #	100
77) Bromobenzene	12.703	156	55533	51.066	ug/l	93
78) n-propylbenzene	12.770	91	262803	48.582	ug/l	97
79) 2-Chlorotoluene	12.855	91	150353	49.430	ug/l	97
80) 1,3,5-Trimethylbenzene	12.916	105	185117	49.666	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.422	75	2565	11.776	ug/l #	48
82) 4-Chlorotoluene	12.855	91	150353	48.004	ug/l	97
83) tert-Butylbenzene	13.178	119	170104	49.433	ug/l	96
84) 1,2,4-Trimethylbenzene	13.227	105	180629	48.769	ug/l	98
85) sec-Butylbenzene	13.361	105	244744	50.108	ug/l	97
86) p-Isopropyltoluene	13.483	119	209316	49.641	ug/l	96
87) 1,3-Dichlorobenzene	13.477	146	108418	50.761	ug/l	99
88) 1,4-Dichlorobenzene	13.477	146	108418	51.216	ug/l	99
89) n-Butylbenzene	13.812	91	184788	48.339	ug/l	98
90) Hexachloroethane	14.087	117	40330	51.429	ug/l	95
91) 1,2-Dichlorobenzene	13.855	146	92064	49.899	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.489	75	5692	48.916	ug/l	98
93) 1,2,4-Trichlorobenzene	15.160	180	58295	51.760	ug/l	98
94) Hexachlorobutadiene	15.269	225	33032	50.883	ug/l	98
95) Naphthalene	15.397	128	98205	50.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.598	180	49259	51.117	ug/l	99

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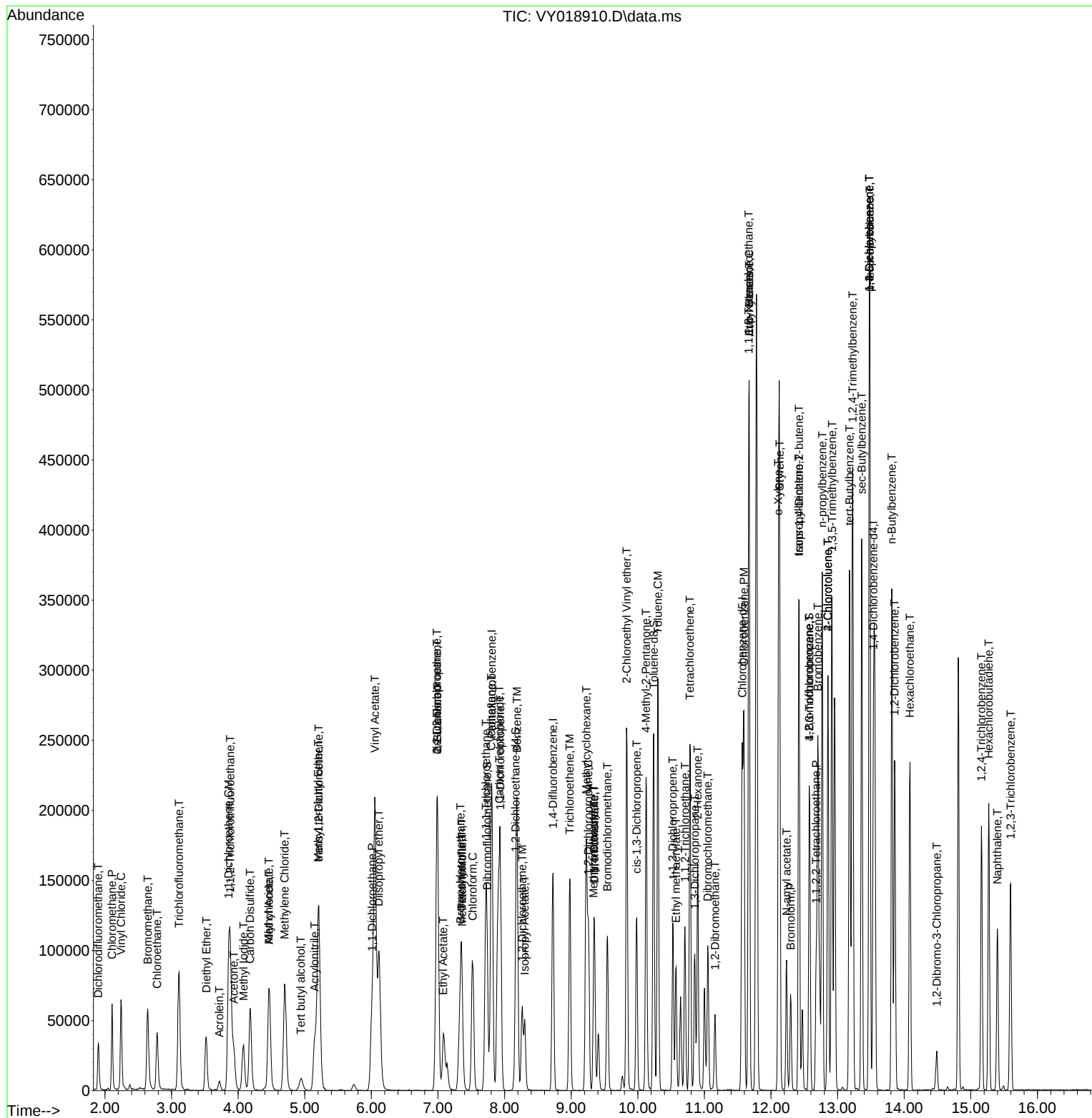
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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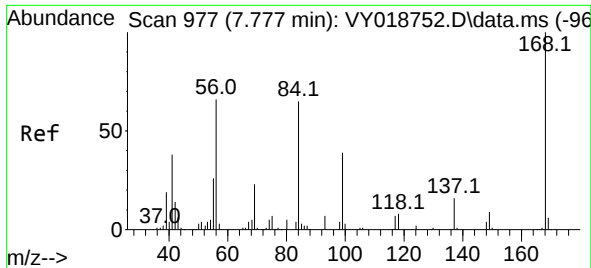
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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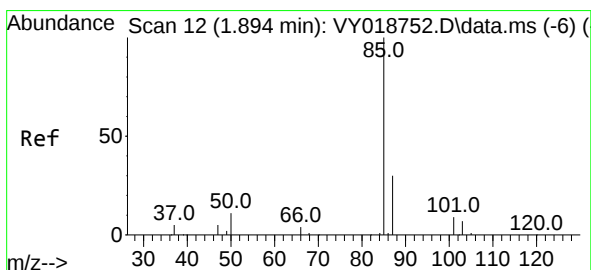
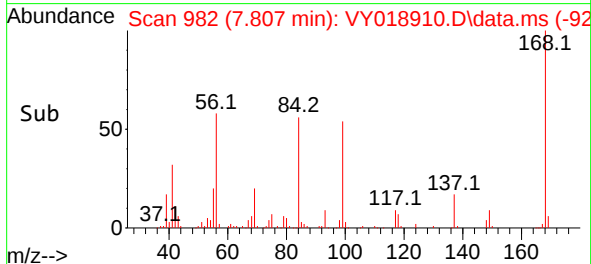
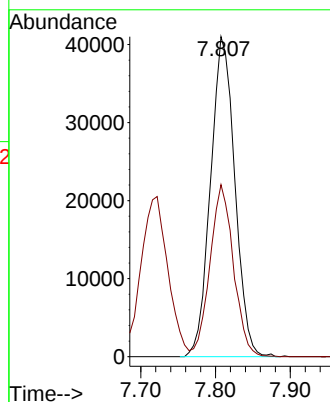
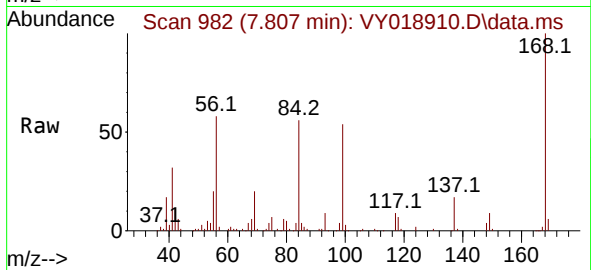




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.030 min
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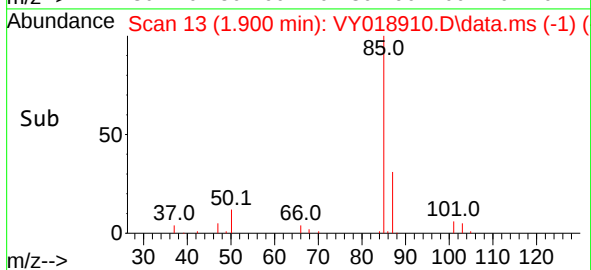
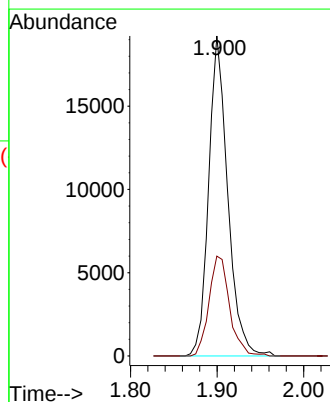
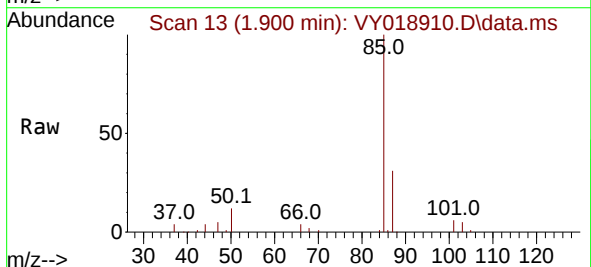
Instrument :
MSVOA_Y
ClientSampleId :

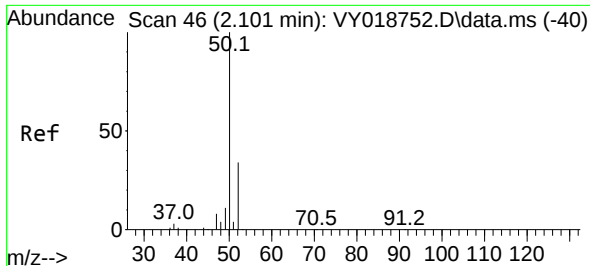
Tgt Ion:168 Resp: 92611
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 37.848 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 85 Resp: 29371
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

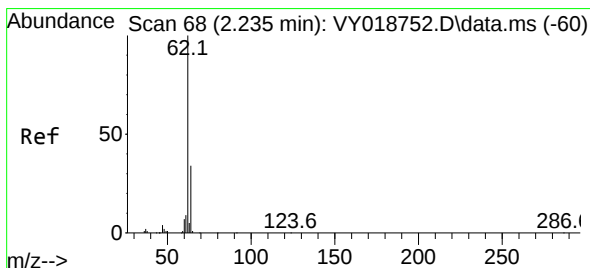
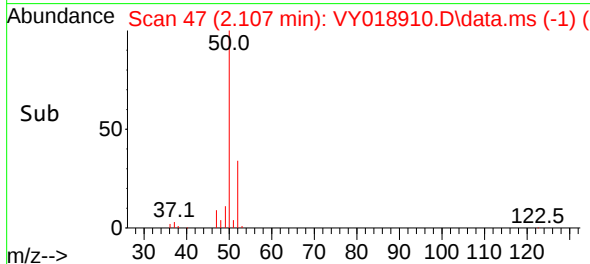
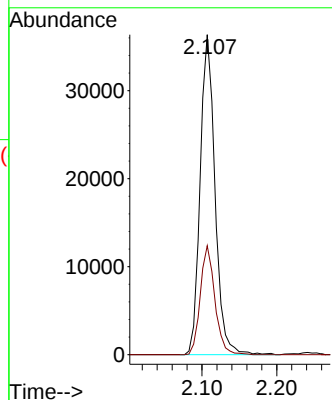
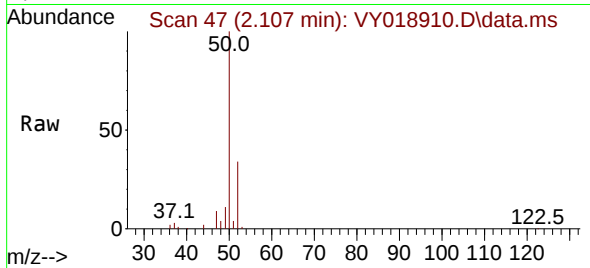




#3
Chloromethane
Concen: 42.475 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

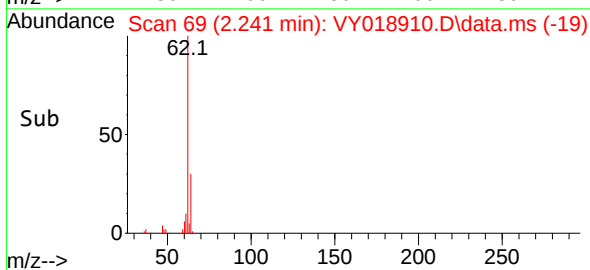
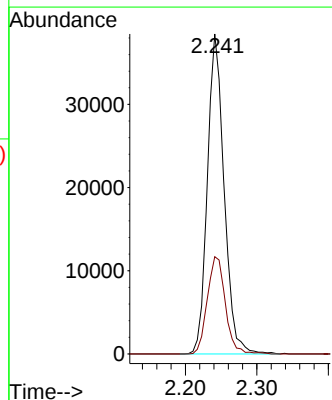
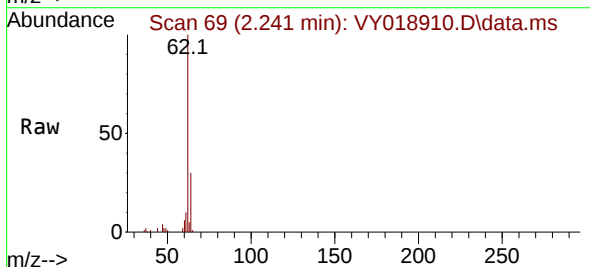
Instrument :
MSVOA_Y
ClientSampleId :

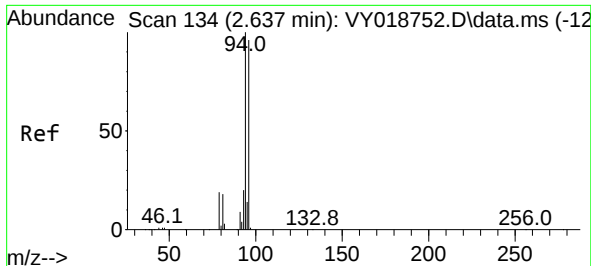
Tgt Ion: 50 Resp: 50089
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4



#4
Vinyl Chloride
Concen: 45.333 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 62 Resp: 62536
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1

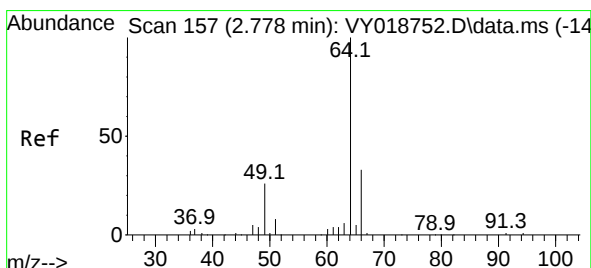
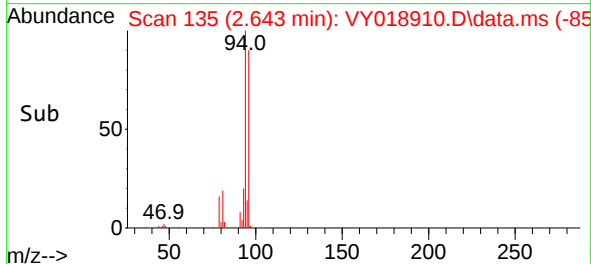
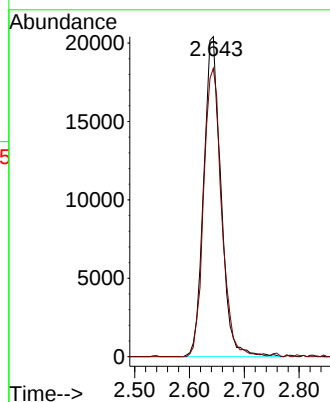
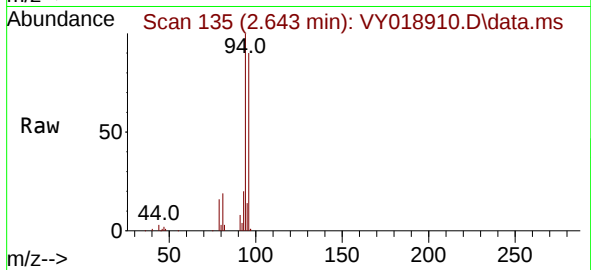




#5
Bromomethane
Concen: 46.956 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

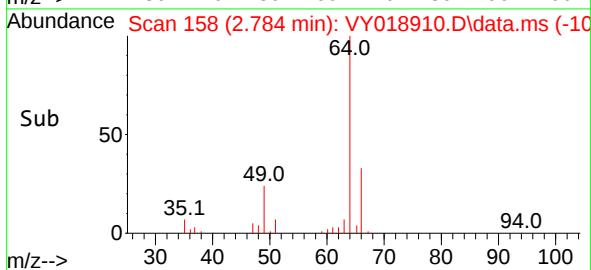
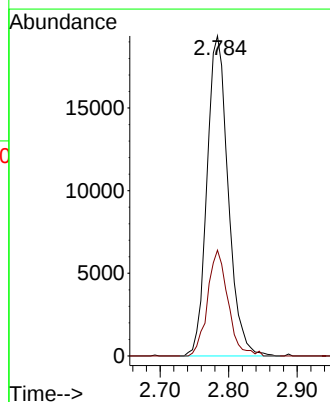
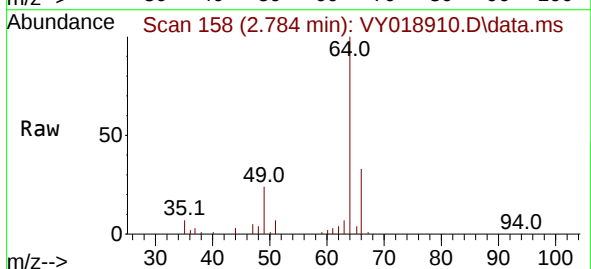
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 44556
Ion Ratio Lower Upper
94 100
96 90.1 74.1 111.1



#6
Chloroethane
Concen: 46.462 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 64 Resp: 41640
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

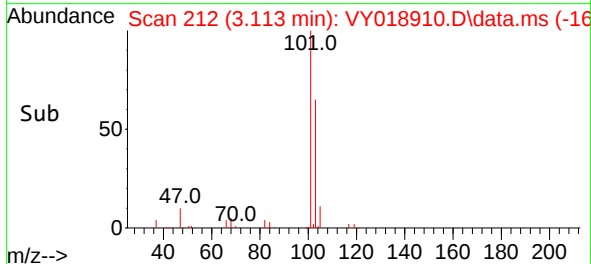
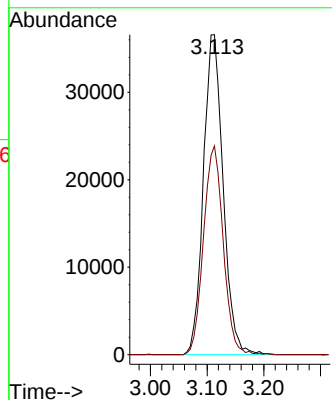
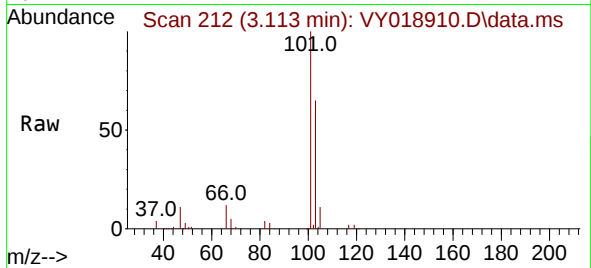




#7
Trichlorofluoromethane
Concen: 49.024 ug/l
RT: 3.113 min Scan# 210
Delta R.T. 0.012 min
Lab File: VY018910.D
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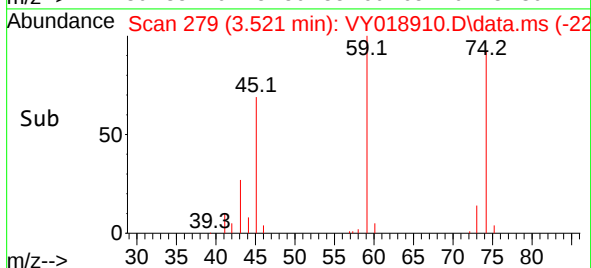
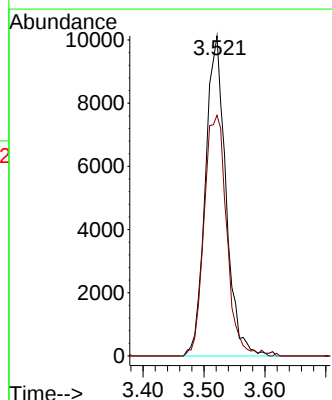
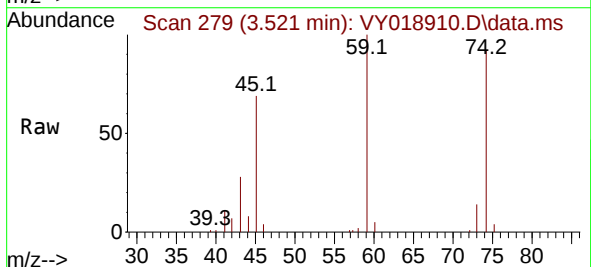
Instrument :
MSVOA_Y
ClientSampleId :

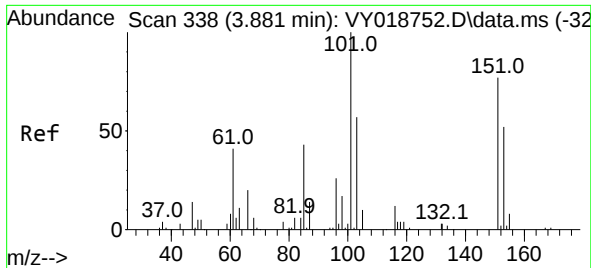
Tgt Ion:101 Resp: 88372
Ion Ratio Lower Upper
101 100
103 65.2 49.3 73.9



#8
Diethyl Ether
Concen: 53.892 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 74 Resp: 23678
Ion Ratio Lower Upper
74 100
45 82.6 41.3 124.1



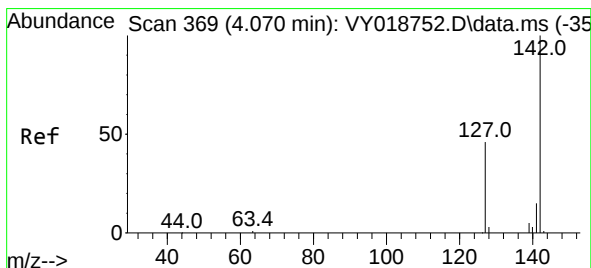
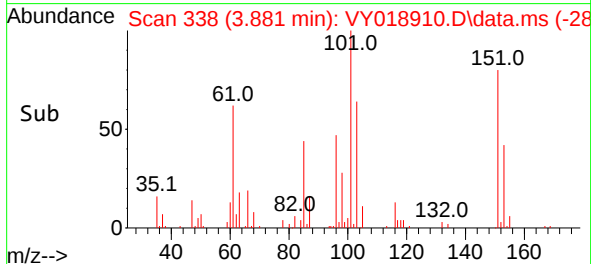
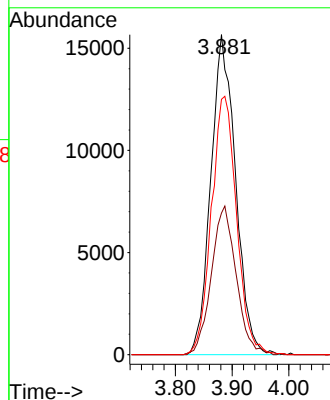
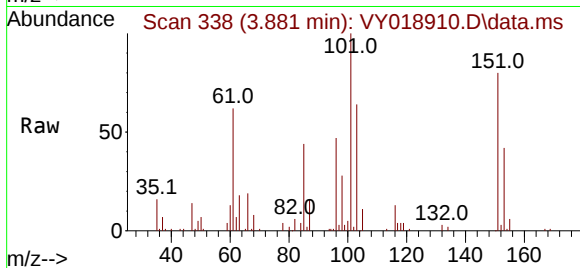


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.302 ug/l
 RT: 3.881 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

Instrument :
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 ClientSampleId :

Tgt Ion:101 Resp: 47448

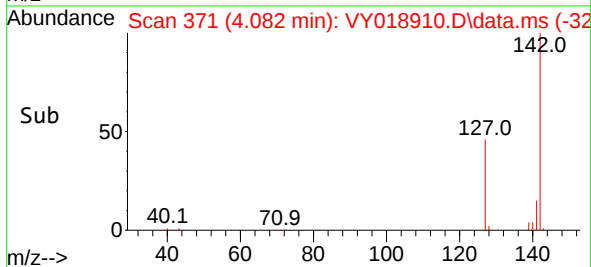
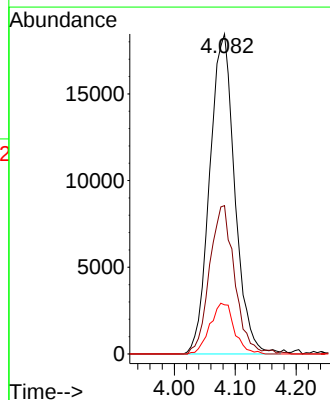
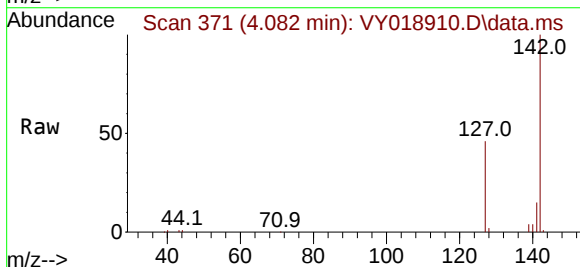
Ion	Ratio	Lower	Upper
101	100		
85	46.7	34.5	51.7
151	82.4	61.7	92.5

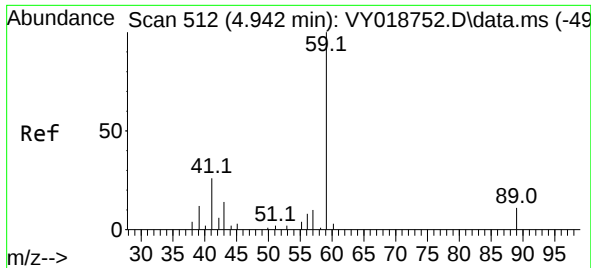


#10
 Methyl Iodide
 Concen: 52.978 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. 0.012 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

Tgt Ion:142 Resp: 52764

Ion	Ratio	Lower	Upper
142	100		
127	46.7	32.8	49.2
141	15.3	11.4	17.2

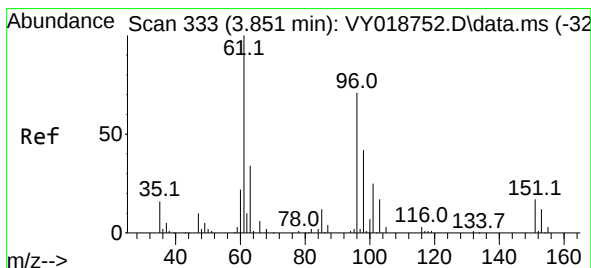
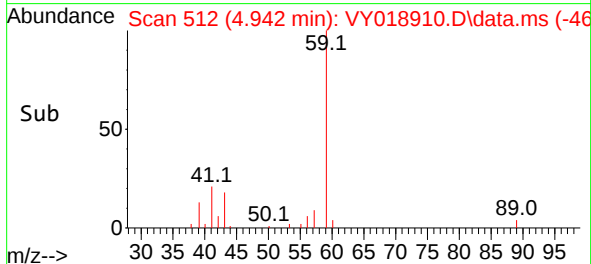
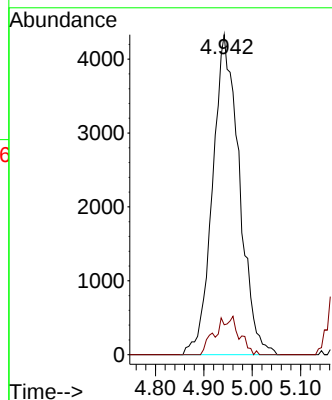
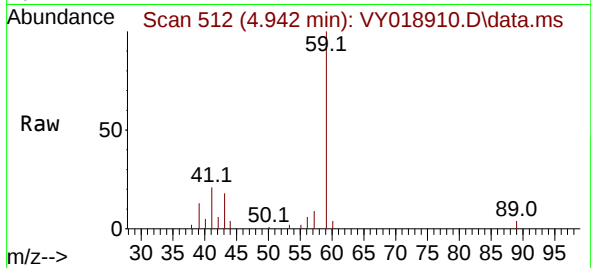




#11
Tert butyl alcohol
Concen: 179.989 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

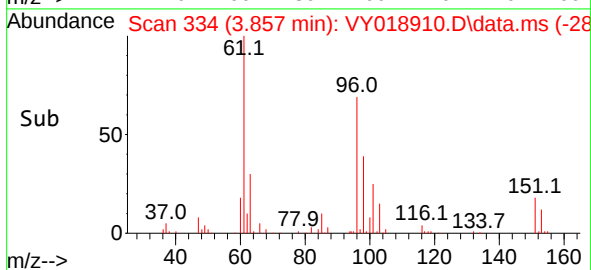
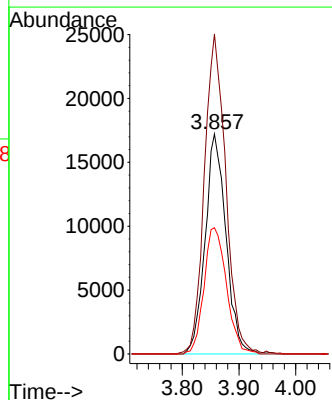
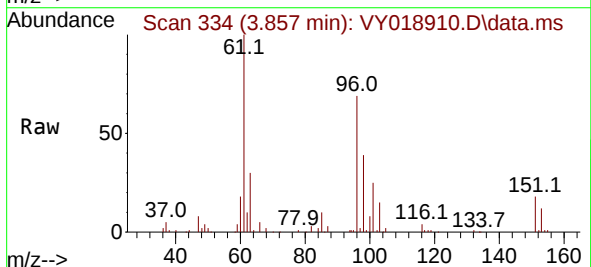
Instrument :
MSVOA_Y
ClientSampleId :

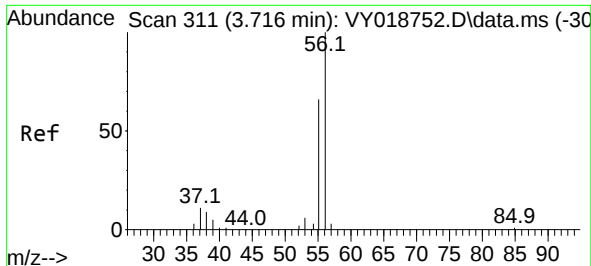
Tgt Ion: 59 Resp: 16616
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.112 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

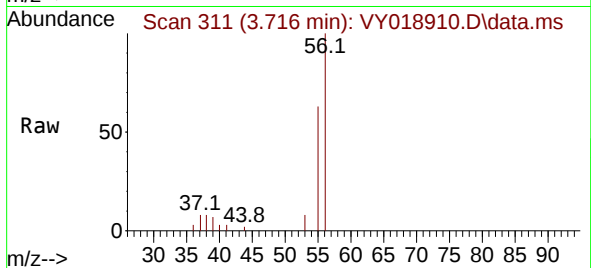
Tgt Ion: 96 Resp: 43942
Ion Ratio Lower Upper
96 100
61 145.0 114.6 171.8
98 57.4 50.8 76.2



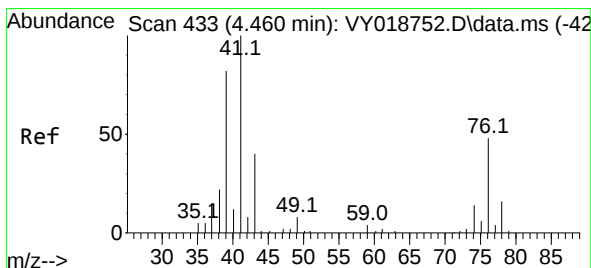
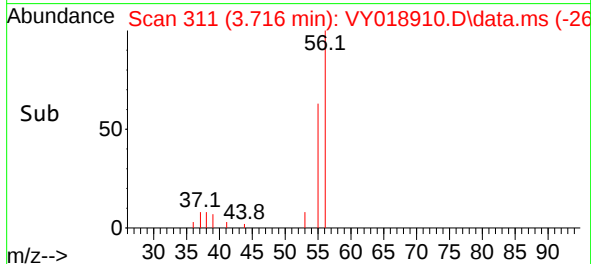
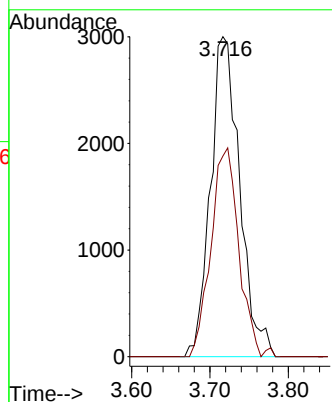


#13
Acrolein
Concen: 105.215 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

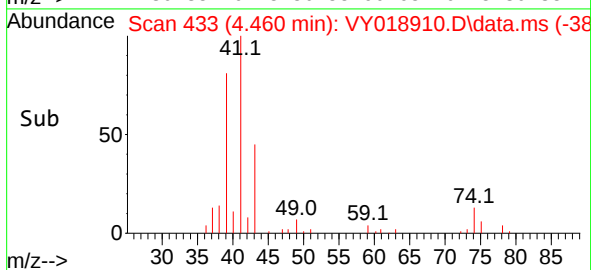
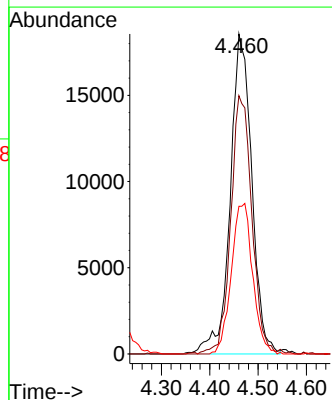
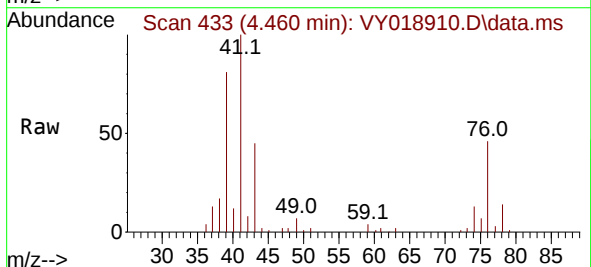


Tgt Ion: 56 Resp: 7782
Ion Ratio Lower Upper
56 100
55 62.3 55.7 83.5



#14
Allyl chloride
Concen: 51.891 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 41 Resp: 57519
Ion Ratio Lower Upper
41 100
39 78.6 58.3 87.5
76 46.6 39.0 58.6

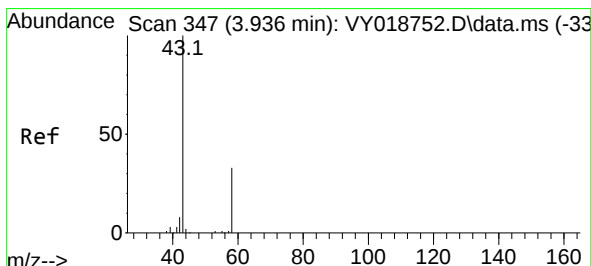
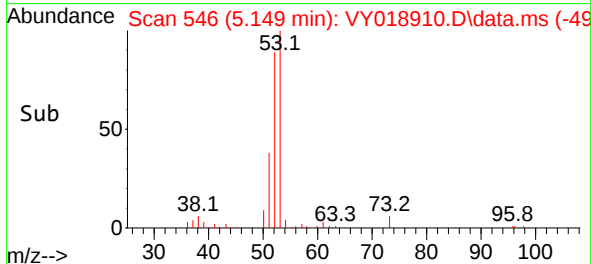
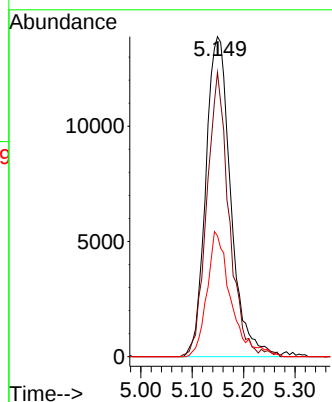
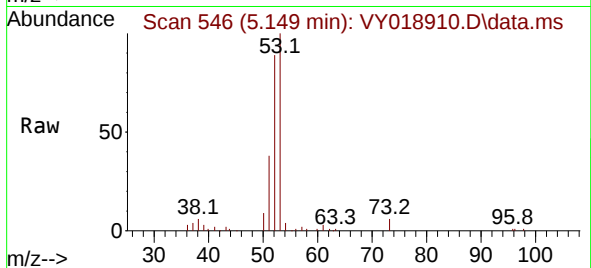




#15
Acrylonitrile
Concen: 270.461 ug/l
RT: 5.149 min Scan# 544
Delta R.T. 0.012 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

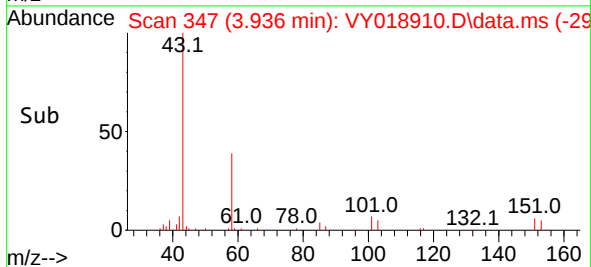
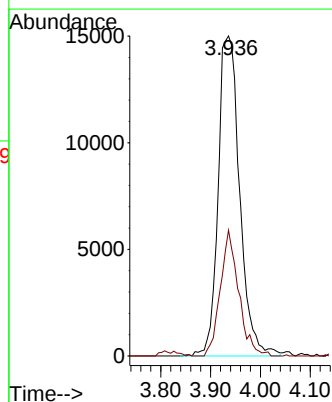
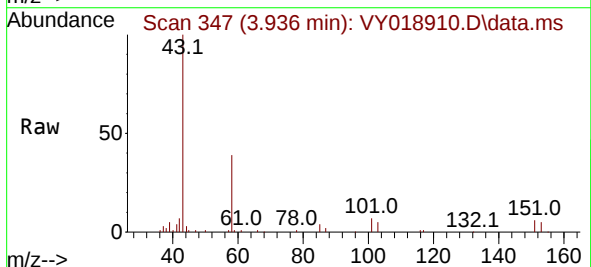
Instrument :
MSVOA_Y
ClientSampleId :

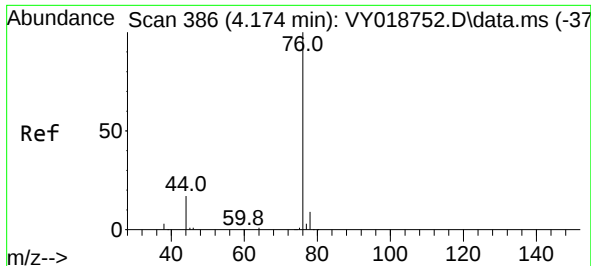
Tgt Ion: 53 Resp: 46878
Ion Ratio Lower Upper
53 100
52 78.4 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 267.673 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 43 Resp: 44972
Ion Ratio Lower Upper
43 100
58 39.3 31.7 47.5

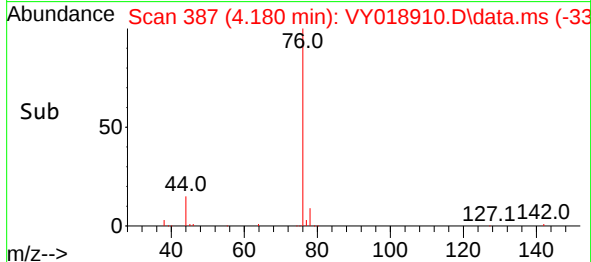
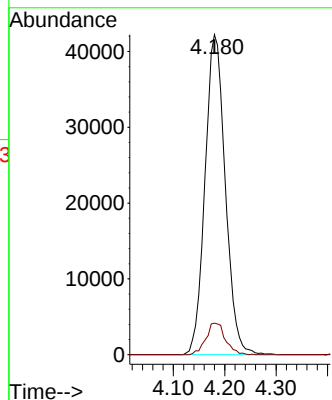
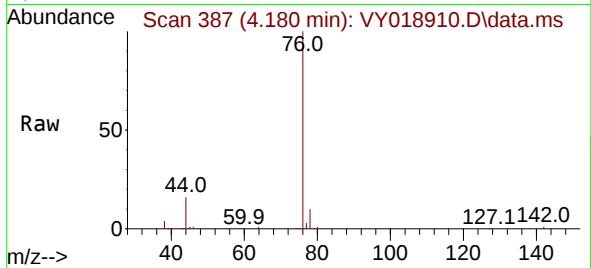




#17
Carbon Disulfide
Concen: 46.205 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

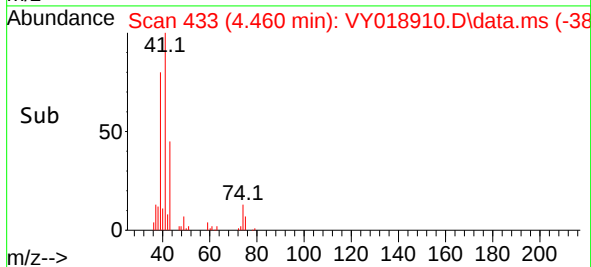
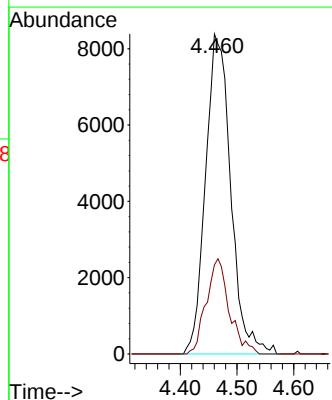
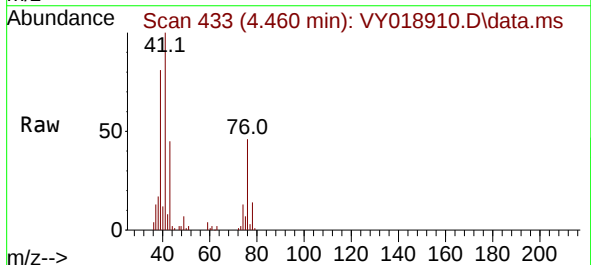
Instrument :
MSVOA_Y
ClientSampleId :

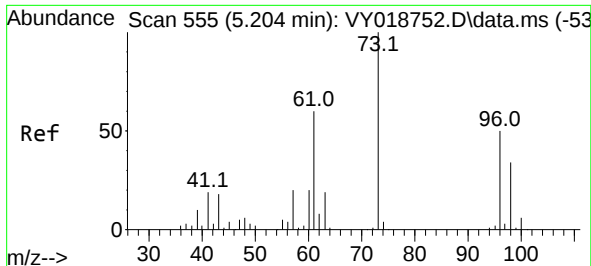
Tgt Ion: 76 Resp: 115760
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 53.052 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 43 Resp: 25899
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 52.478 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

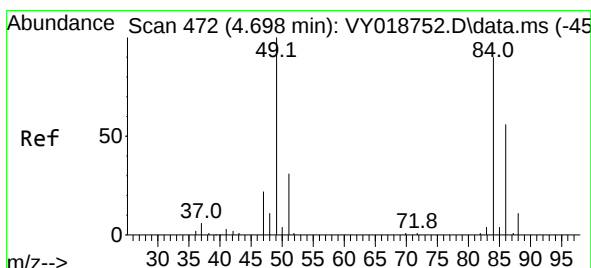
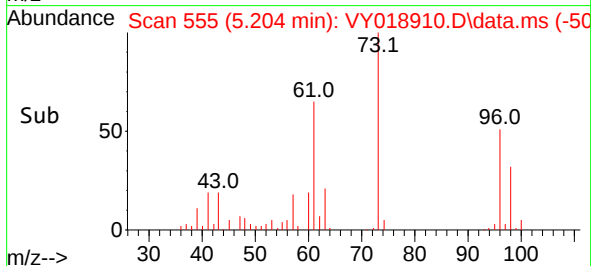
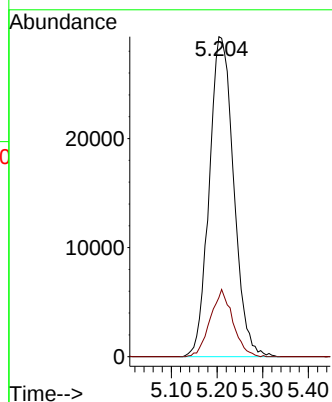
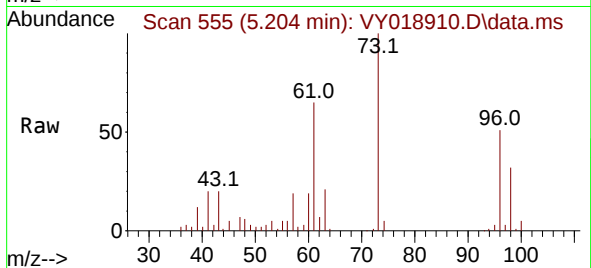
ClientSampleId :

Tgt Ion: 73 Resp: 108923

Ion Ratio Lower Upper

73 100

57 18.5 17.3 25.9



#20

Methylene Chloride

Concen: 61.454 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Tgt Ion: 84 Resp: 57391

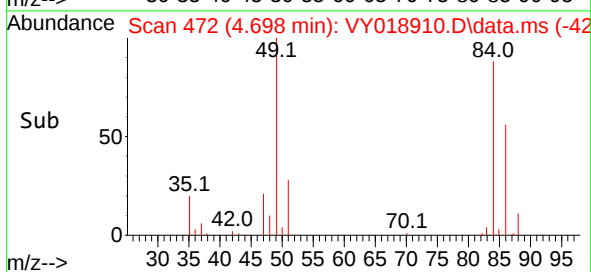
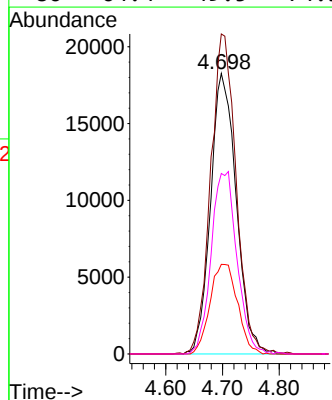
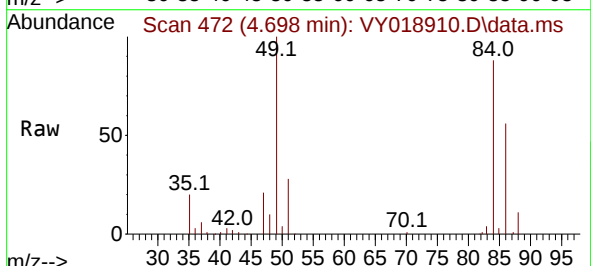
Ion Ratio Lower Upper

84 100

49 113.7 84.4 126.6

51 32.0 26.0 39.0

86 64.4 49.5 74.3

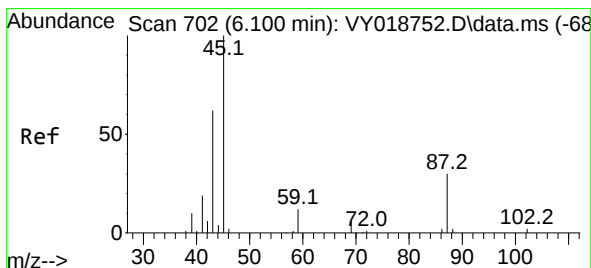
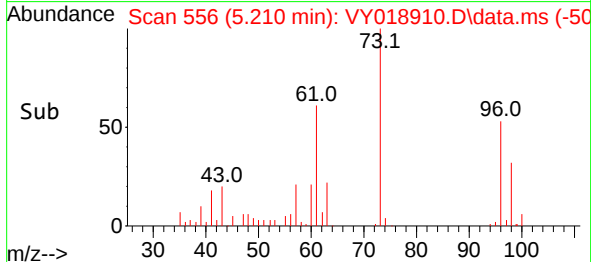
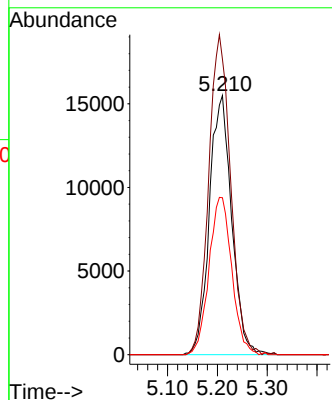
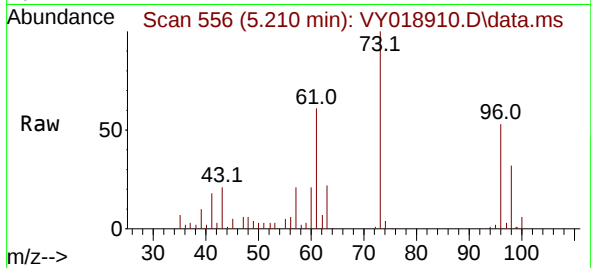




#21
trans-1,2-Dichloroethene
Concen: 50.933 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

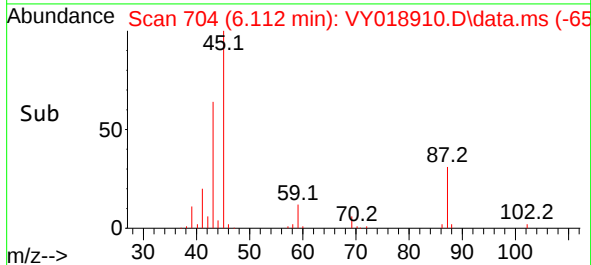
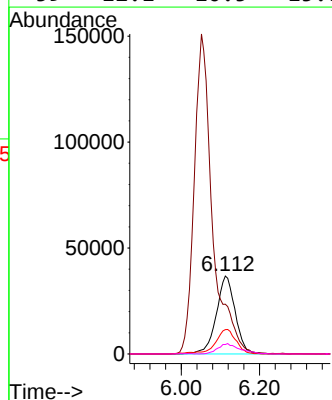
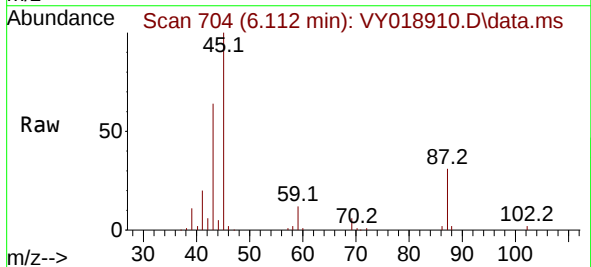
Instrument :
MSVOA_Y
ClientSampleId :

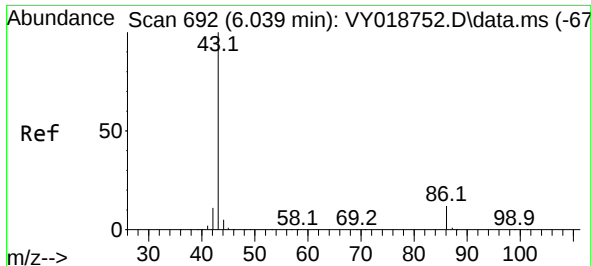
Tgt Ion: 96 Resp: 48098
Ion Ratio Lower Upper
96 100
61 114.0 97.5 146.3
98 60.6 50.5 75.7



#22
Diisopropyl ether
Concen: 51.053 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 45 Resp: 123099
Ion Ratio Lower Upper
45 100
43 63.3 42.2 63.2#
87 31.1 25.0 37.6
59 12.1 10.5 15.7

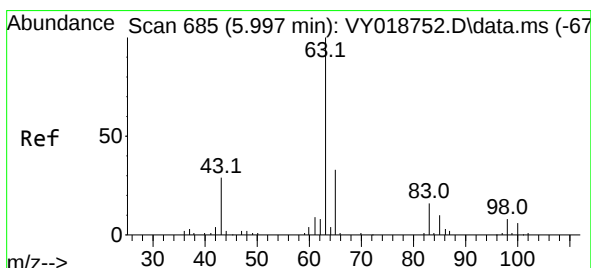
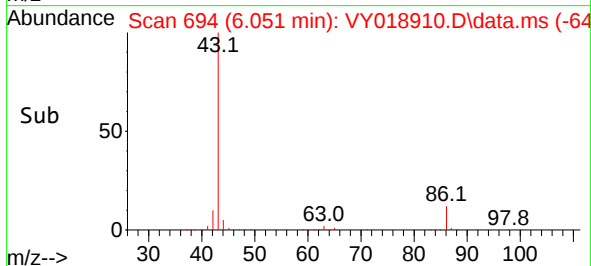
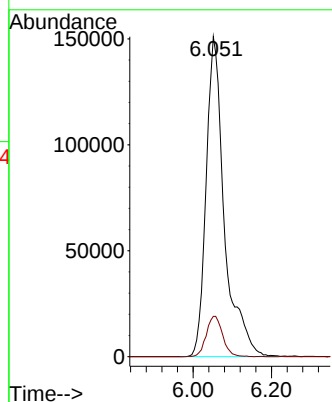
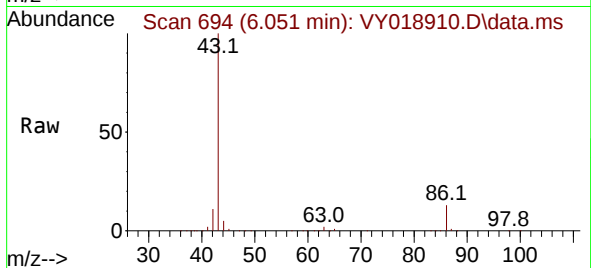




#23
 Vinyl Acetate
 Concen: 256.690 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

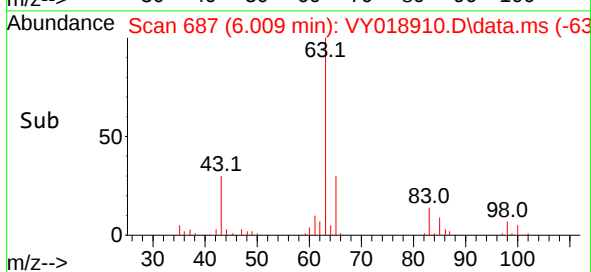
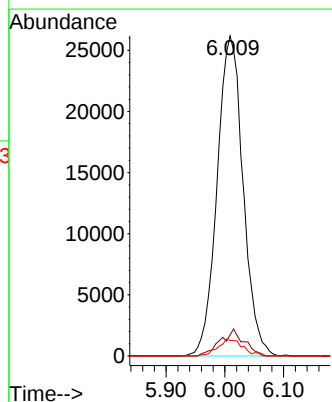
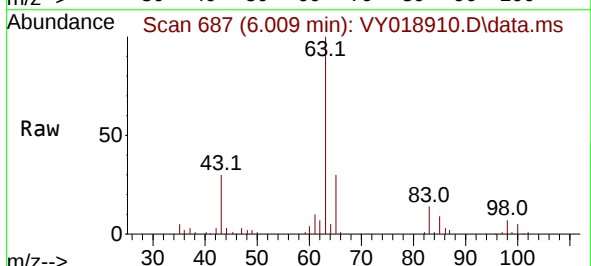
Instrument :
 MSVOA_Y
 ClientSampleId :

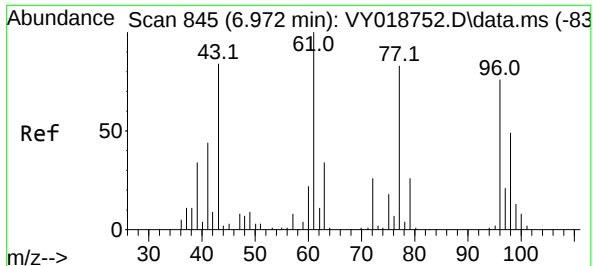
Tgt Ion: 43 Resp: 487608
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.172 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.012 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

Tgt Ion: 63 Resp: 80318
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.8 2.6 8.0

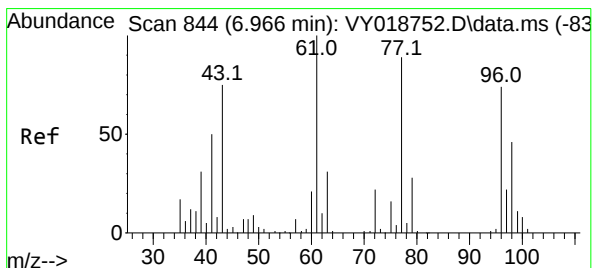
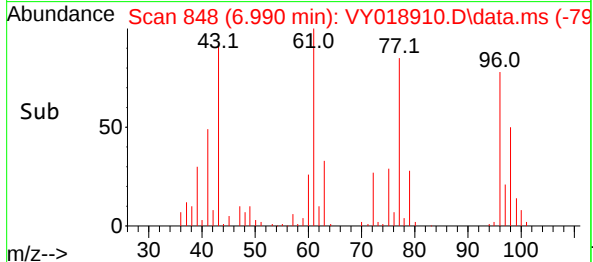
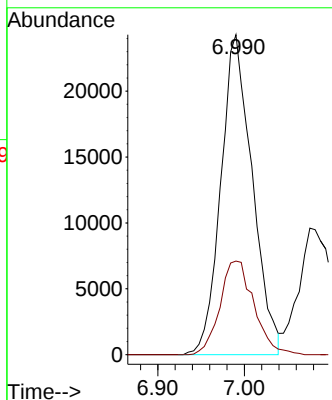
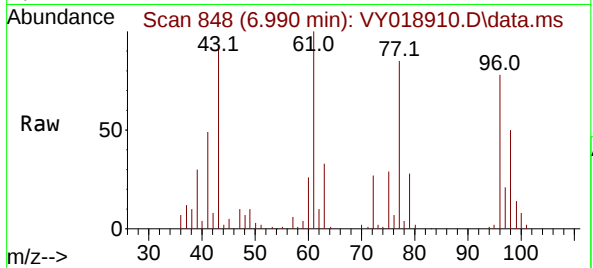




#25
2-Butanone
Concen: 260.347 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.018 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

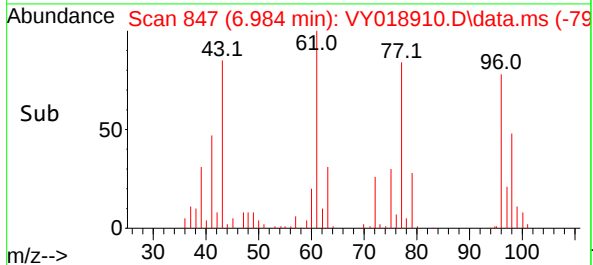
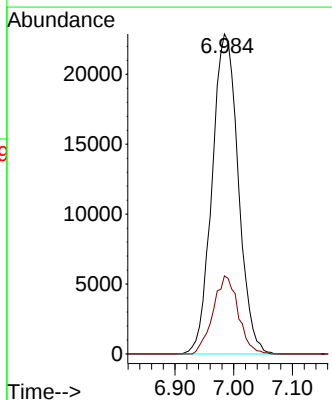
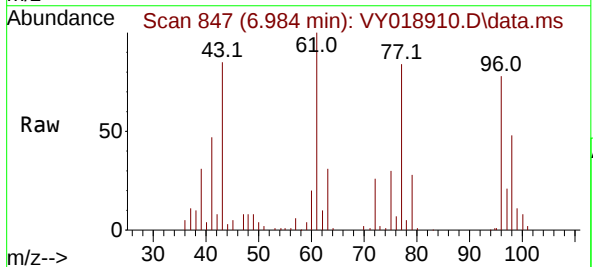
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 61313
Ion Ratio Lower Upper
43 100
72 29.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 49.586 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.018 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 77 Resp: 70830
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.416 ug/l

RT: 6.984 min Scan# 844

Delta R.T. 0.018 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

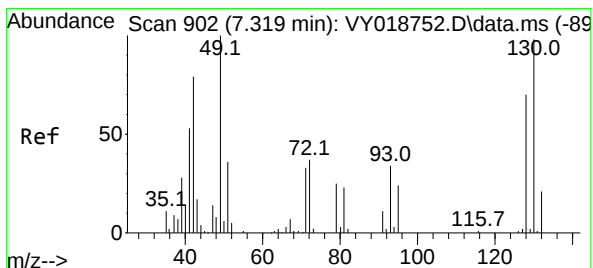
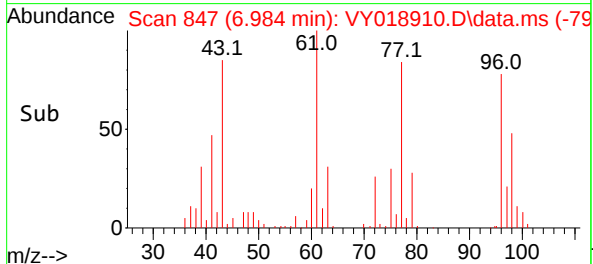
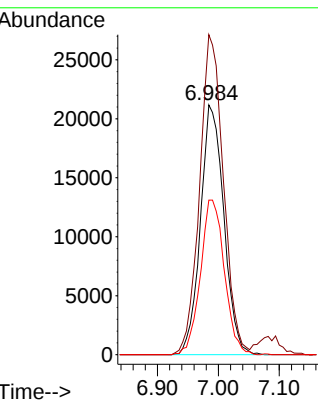
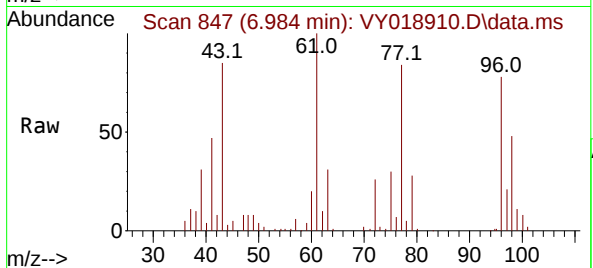
Tgt Ion: 96 Resp: 56529

Ion Ratio Lower Upper

96 100

61 130.3 0.0 256.2

98 63.4 0.0 130.0



#28

Bromochloromethane

Concen: 50.800 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.018 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

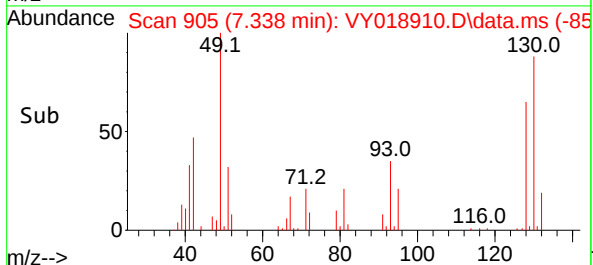
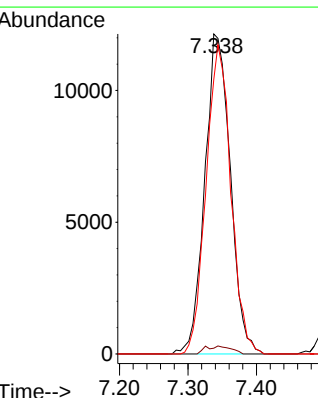
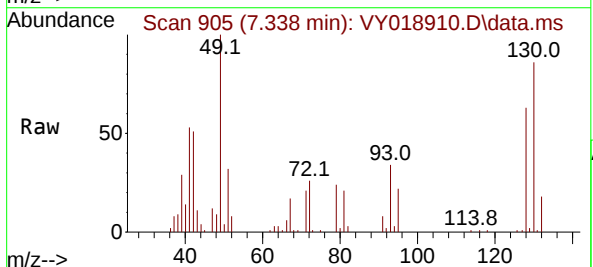
Tgt Ion: 49 Resp: 31411

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 93.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 268.994 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.018 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

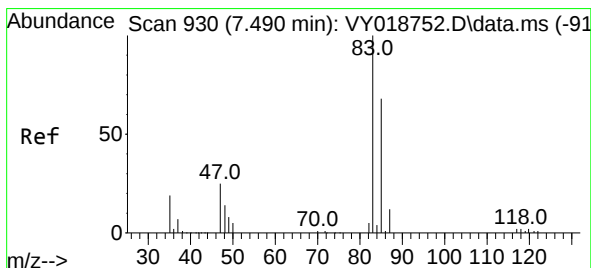
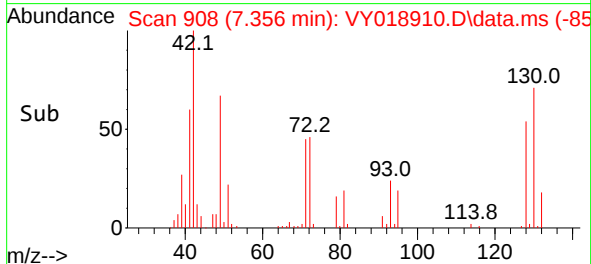
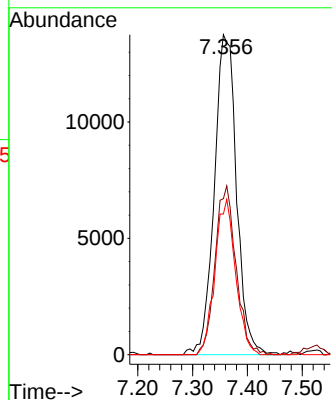
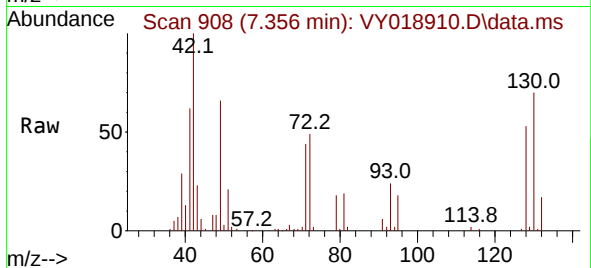
Tgt Ion: 42 Resp: 38837

Ion Ratio Lower Upper

42 100

72 49.6 43.0 64.4

71 44.9 40.8 61.2



#30

Chloroform

Concen: 51.222 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.030 min

Lab File: VY018910.D

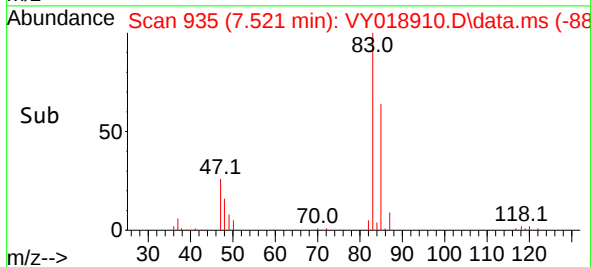
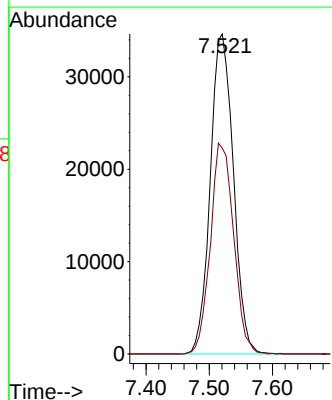
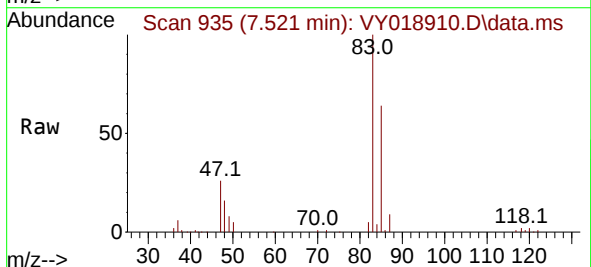
Acq: 24 Jul 2024 16:39

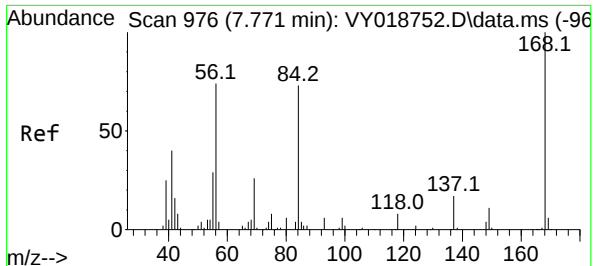
Tgt Ion: 83 Resp: 87883

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

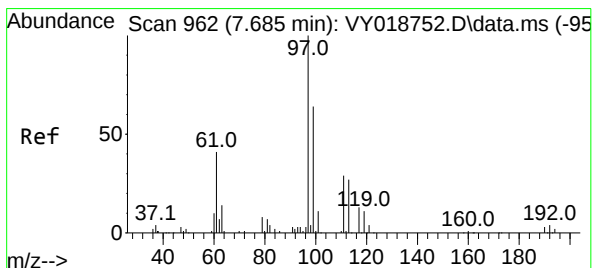
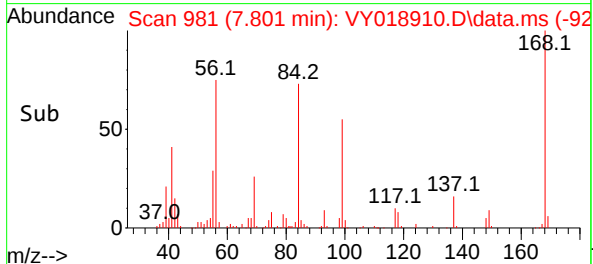
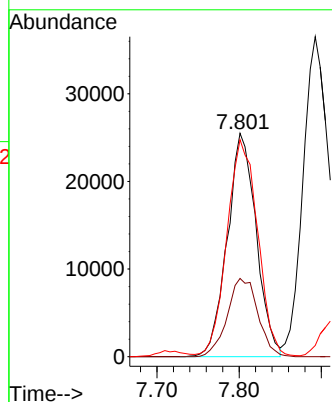
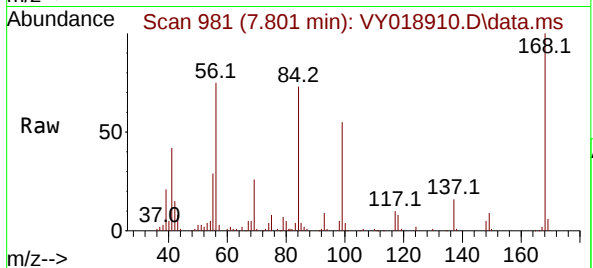




#31
Cyclohexane
Concen: 44.628 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

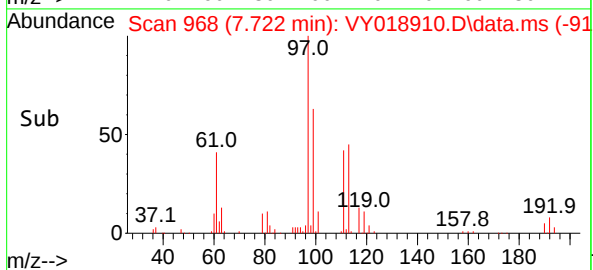
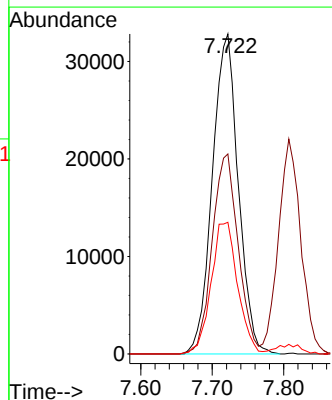
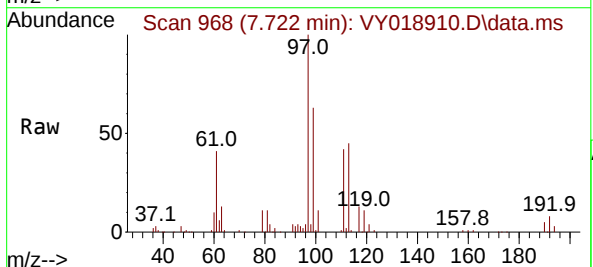
Instrument :
MSVOA_Y
ClientSampleId :

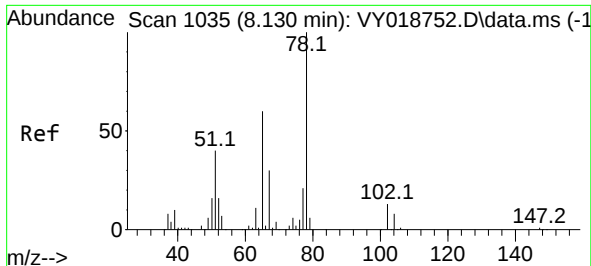
Tgt Ion: 56 Resp: 62483
Ion Ratio Lower Upper
56 100
69 35.1 28.7 43.1
84 95.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.858 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.037 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 97 Resp: 82737
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.118 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.037 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

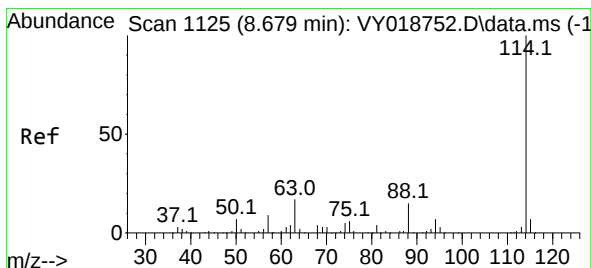
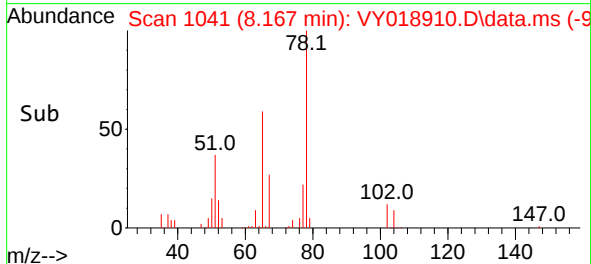
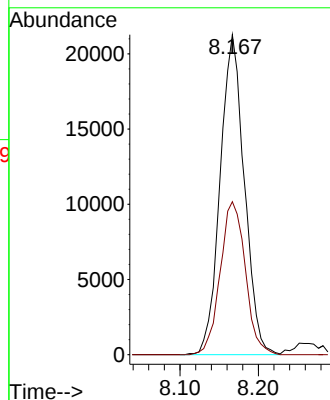
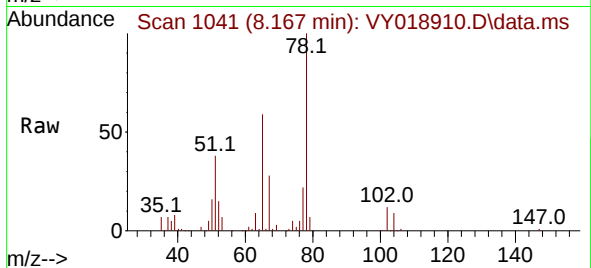
ClientSampleId :

Tgt Ion: 65 Resp: 45673

Ion Ratio Lower Upper

65 100

67 49.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1133

Delta R.T. 0.049 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

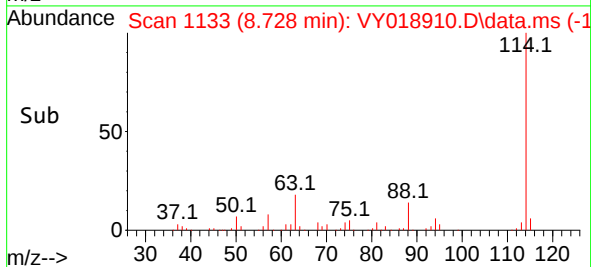
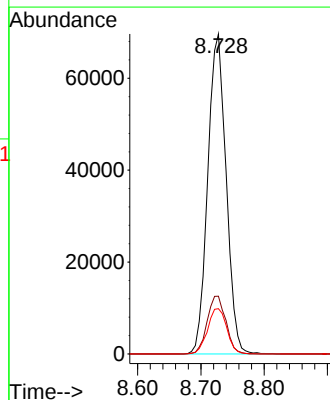
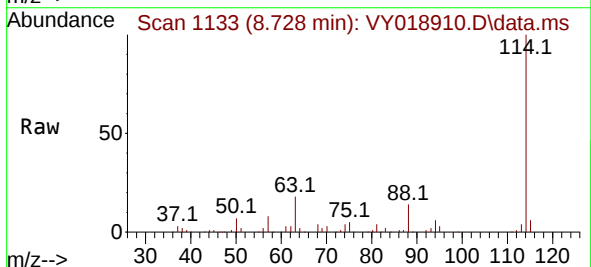
Tgt Ion:114 Resp: 140673

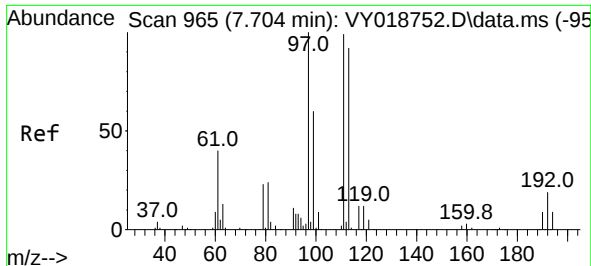
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.2 0.0 27.2

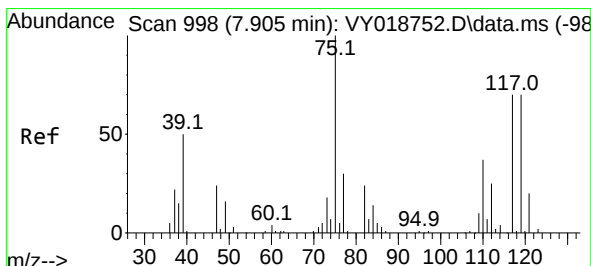
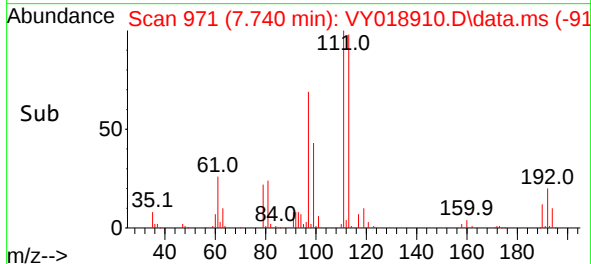
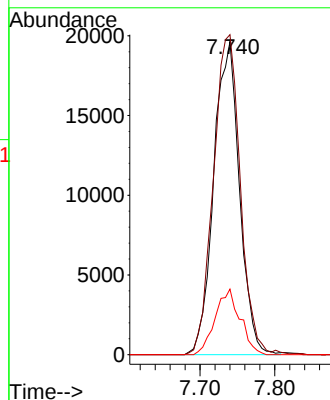
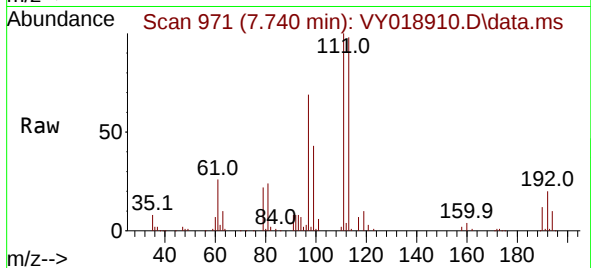




#35
Dibromofluoromethane
Concen: 53.433 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.037 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

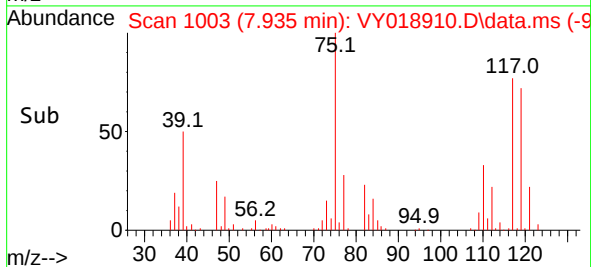
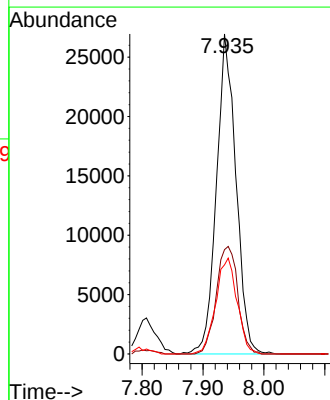
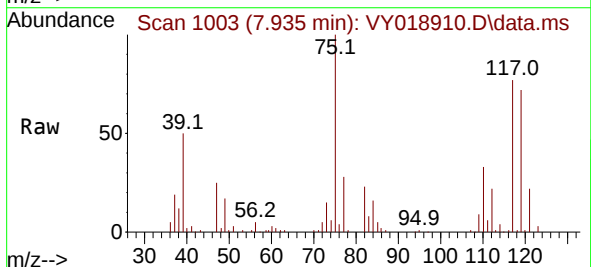
Instrument :
MSVOA_Y
ClientSampleId :

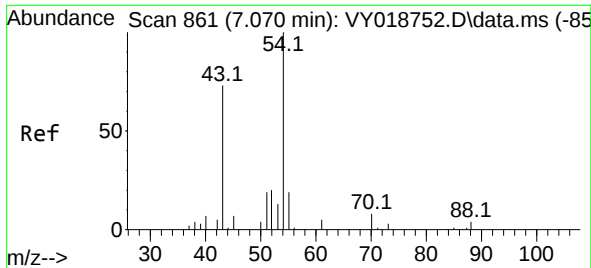
Tgt Ion:113 Resp: 47078
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.339 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.030 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 75 Resp: 59991
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 32.7 25.3 37.9

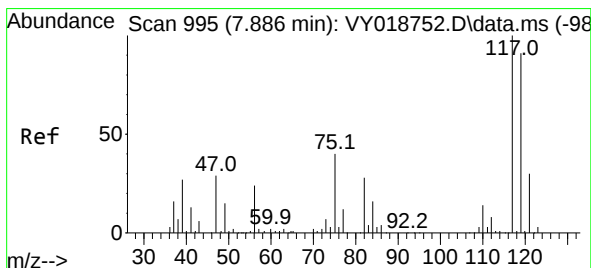
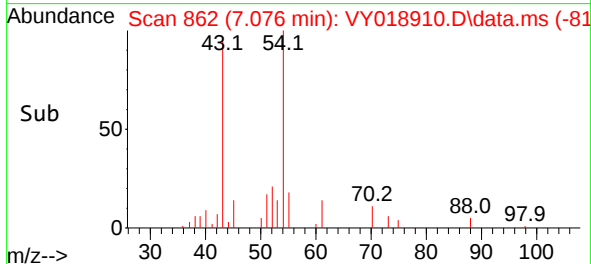
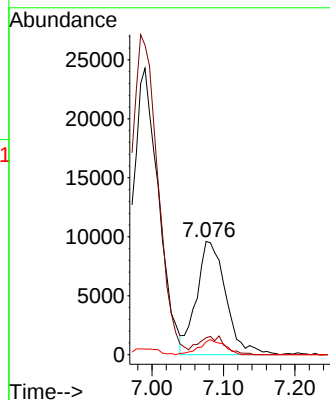
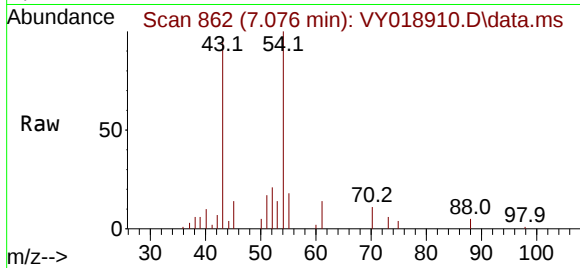




#37
Ethyl Acetate
Concen: 53.979 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

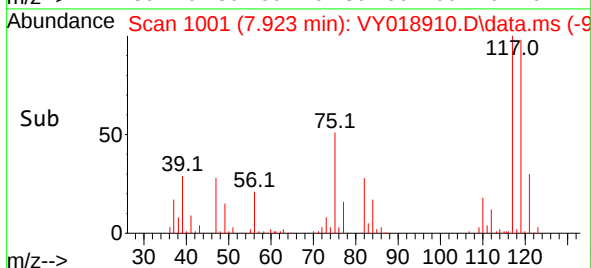
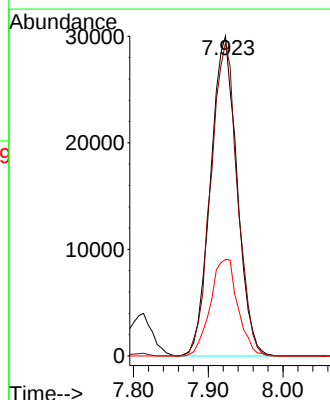
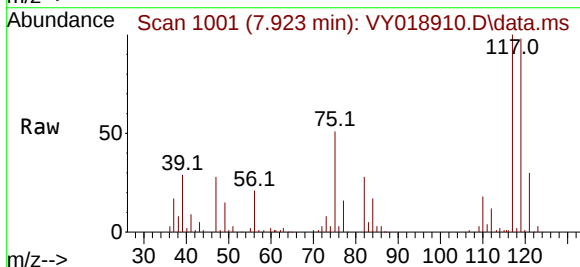
Instrument :
MSVOA_Y
ClientSampleId :

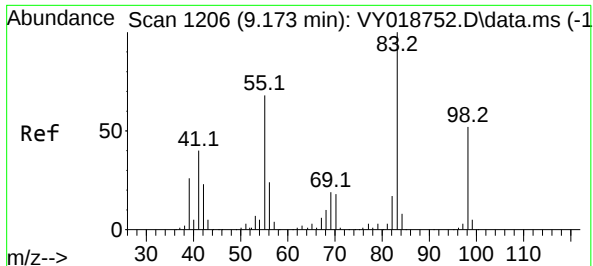
Tgt Ion: 43 Resp: 27281
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 11.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.300 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.037 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 117 Resp: 73662
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.6
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 49.712 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

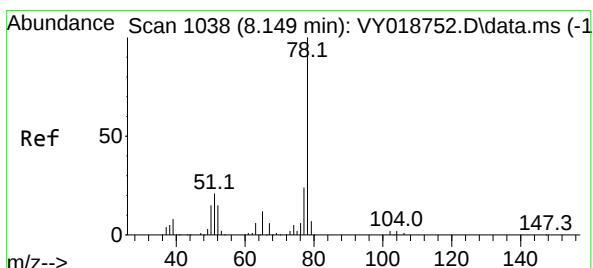
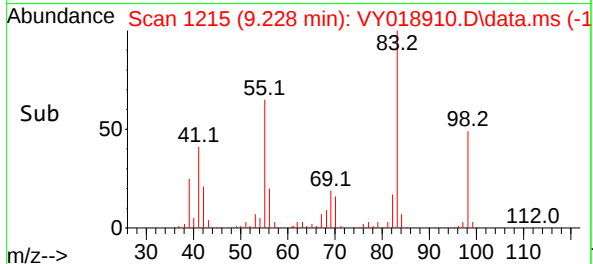
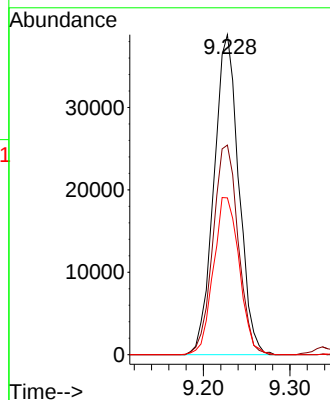
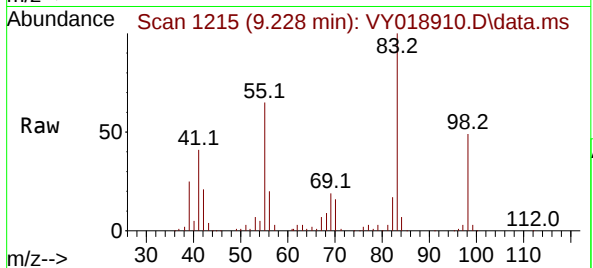
Tgt Ion: 83 Resp: 77461

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 52.253 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.036 min

Lab File: VY018910.D

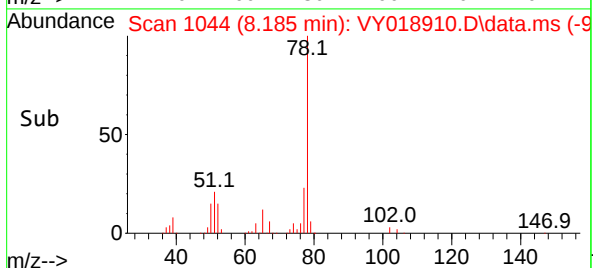
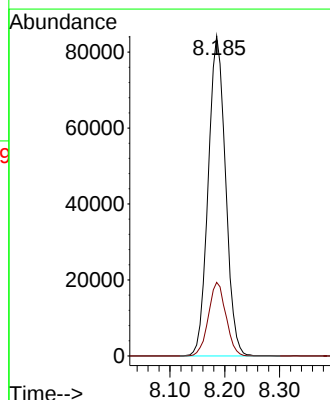
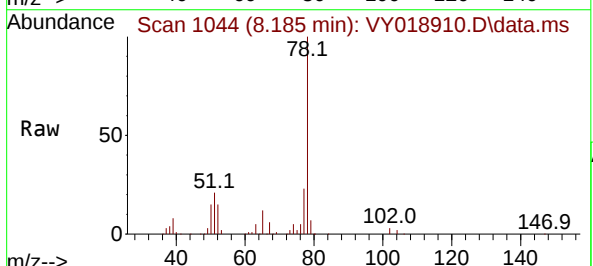
Acq: 24 Jul 2024 16:39

Tgt Ion: 78 Resp: 184306

Ion Ratio Lower Upper

78 100

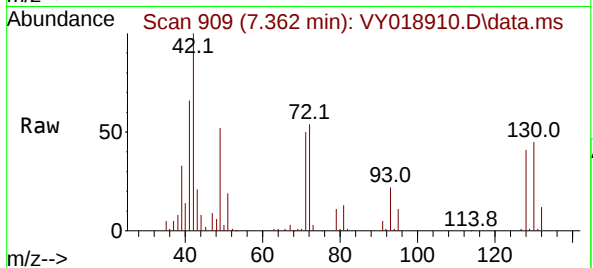
77 23.0 19.5 29.3



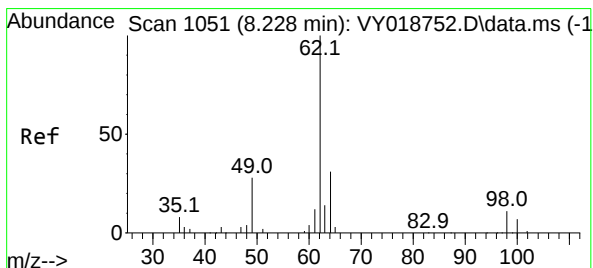
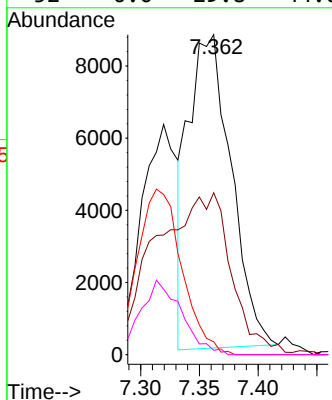
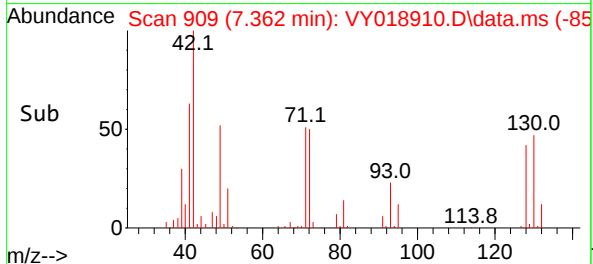


#41
Methacrylonitrile
Concen: 76.094 ug/l
RT: 7.362 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

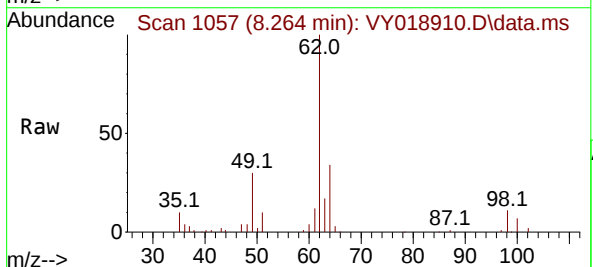
Instrument :
MSVOA_Y
ClientSampleId :



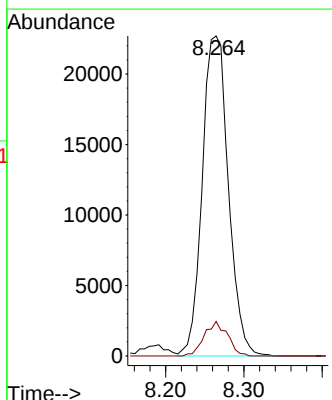
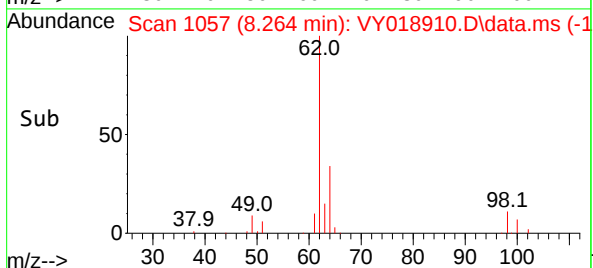
Tgt Ion: 41 Resp: 21926
Ion Ratio Lower Upper
41 100
39 91.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

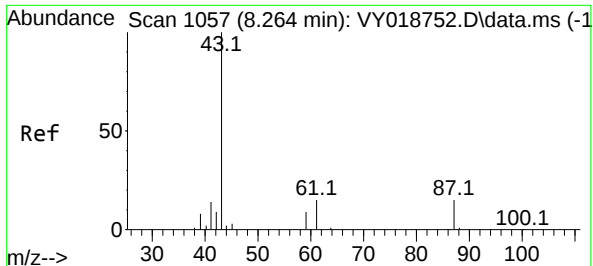


#42
1,2-Dichloroethane
Concen: 53.248 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.036 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39



Tgt Ion: 62 Resp: 52585
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 51.730 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.037 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

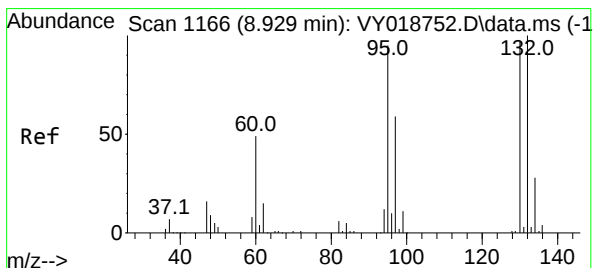
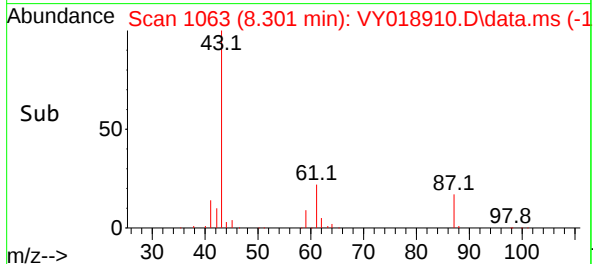
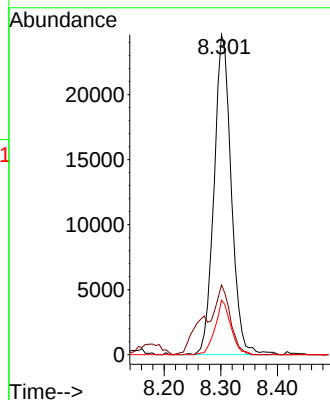
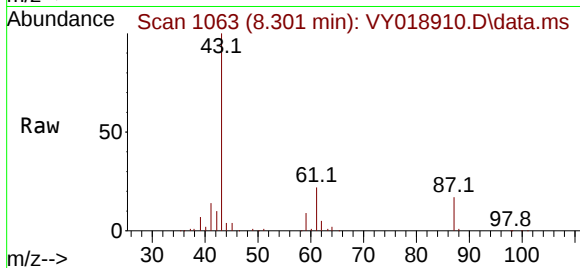
Tgt Ion: 43 Resp: 52023

Ion Ratio Lower Upper

43 100

61 20.4 27.9 41.9#

87 15.5 13.1 19.7



#44

Trichloroethene

Concen: 53.088 ug/l

RT: 8.978 min Scan# 1174

Delta R.T. 0.049 min

Lab File: VY018910.D

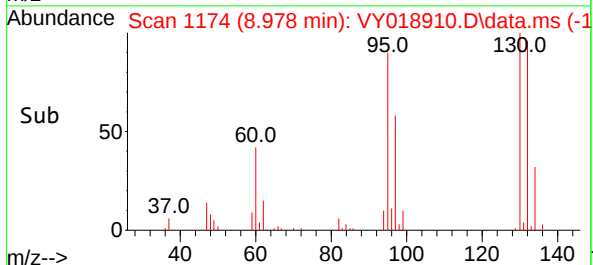
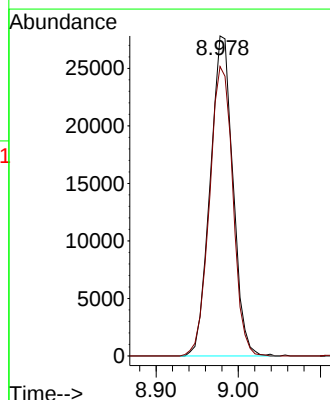
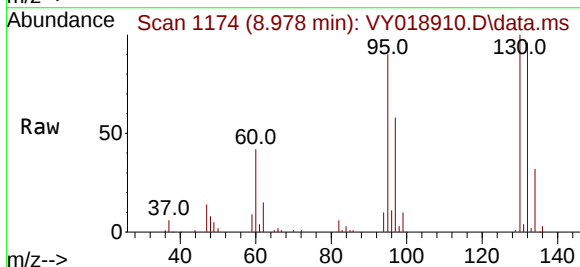
Acq: 24 Jul 2024 16:39

Tgt Ion:130 Resp: 53526

Ion Ratio Lower Upper

130 100

95 90.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.602 ug/l

RT: 9.258 min Scan# 11

Delta R.T. 0.049 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

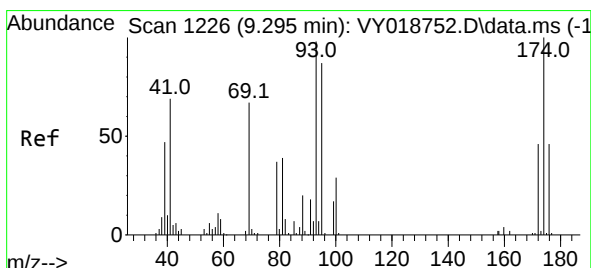
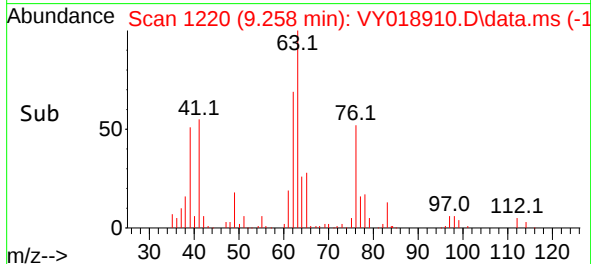
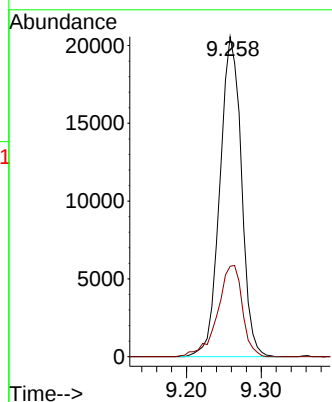
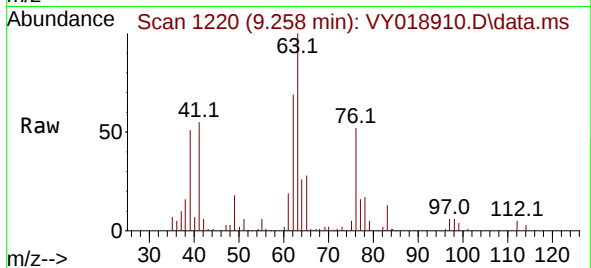
ClientSampleId :

Tgt Ion: 63 Resp: 41171

Ion Ratio Lower Upper

63 100

65 28.2 25.4 38.2



#46

Dibromomethane

Concen: 54.489 ug/l

RT: 9.350 min Scan# 1235

Delta R.T. 0.055 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

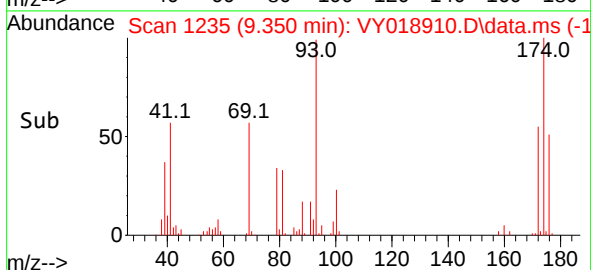
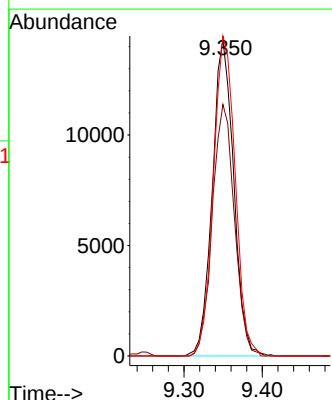
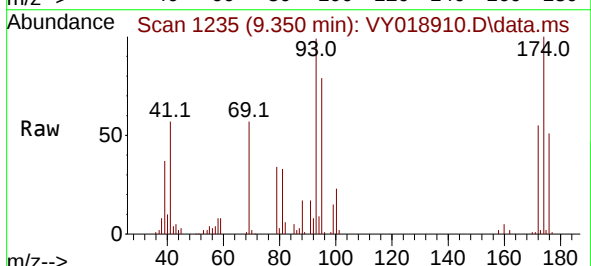
Tgt Ion: 93 Resp: 27128

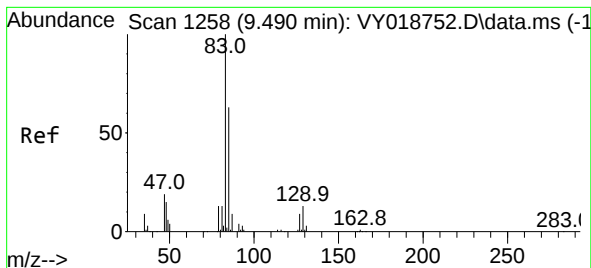
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 103.0 80.9 121.3





#47

Bromodichloromethane

Concen: 54.832 ug/l

RT: 9.545 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

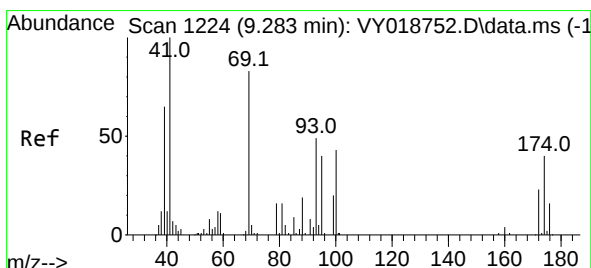
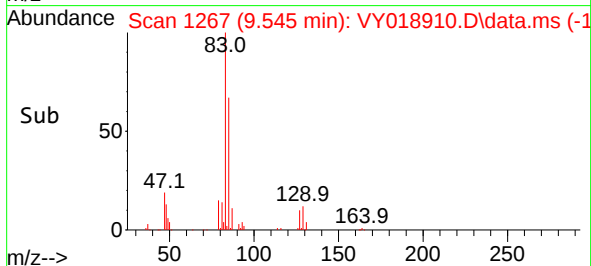
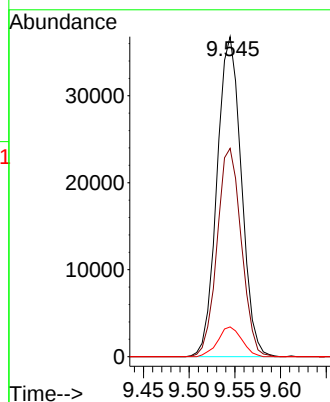
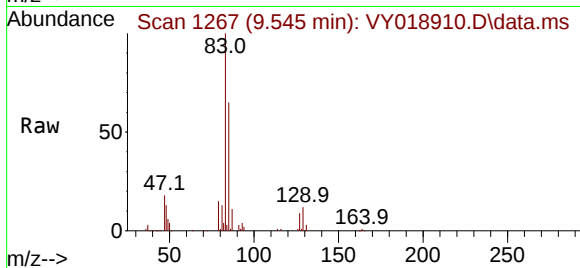
Tgt Ion: 83 Resp: 68197

Ion Ratio Lower Upper

83 100

85 65.1 50.1 75.1

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 52.813 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.055 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

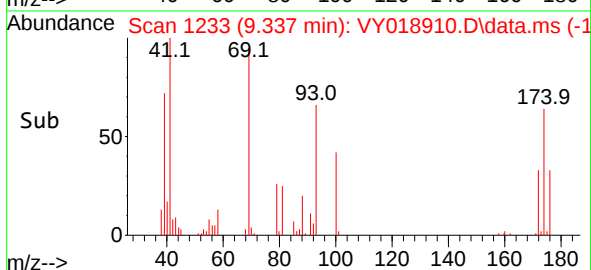
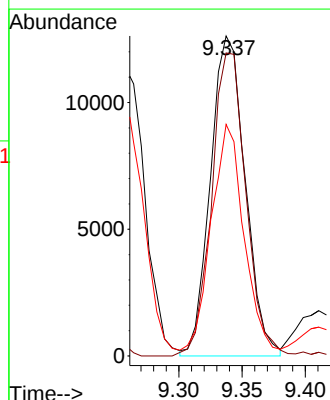
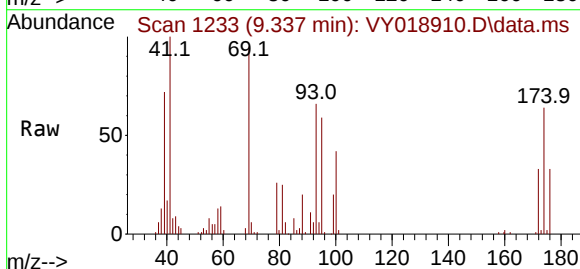
Tgt Ion: 41 Resp: 24141

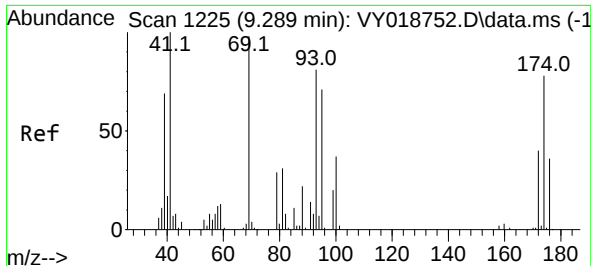
Ion Ratio Lower Upper

41 100

69 93.3 84.1 126.1

39 66.2 43.6 65.4#





#49

1,4-Dioxane

Concen: 1085.315 ug/l

RT: 9.344 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

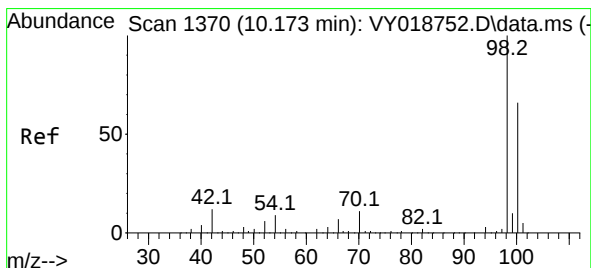
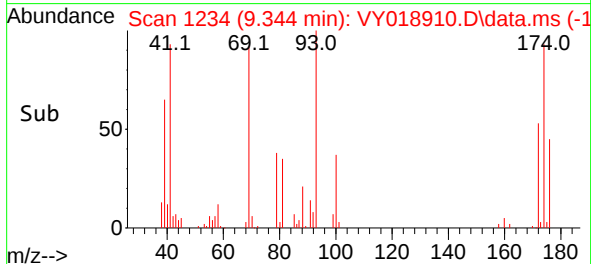
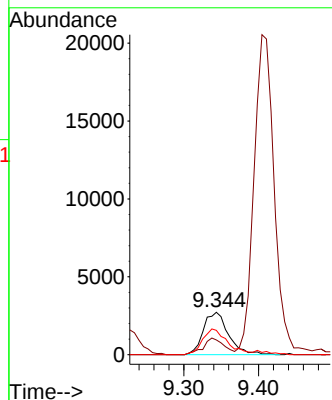
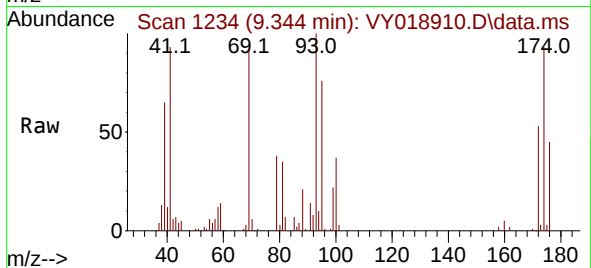
Tgt Ion: 88 Resp: 6334

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 60.6 49.3 73.9



#50

Toluene-d8

Concen: 49.786 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.067 min

Lab File: VY018910.D

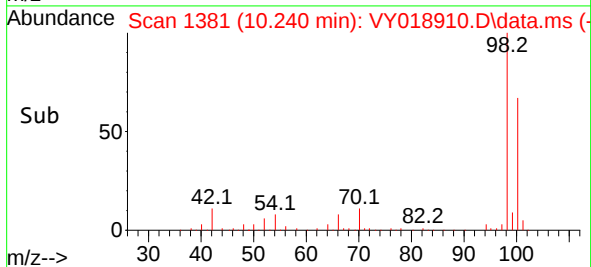
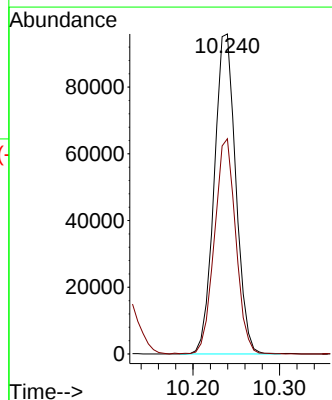
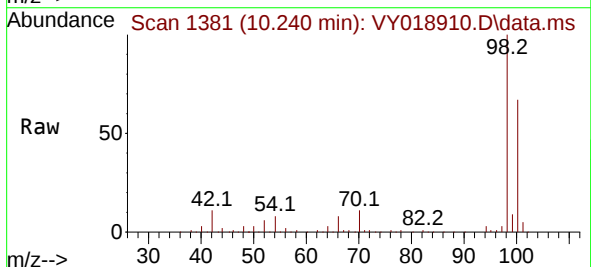
Acq: 24 Jul 2024 16:39

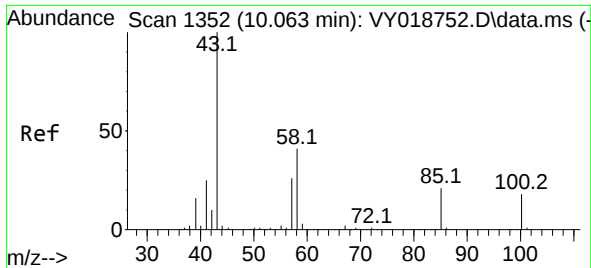
Tgt Ion: 98 Resp: 166187

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0

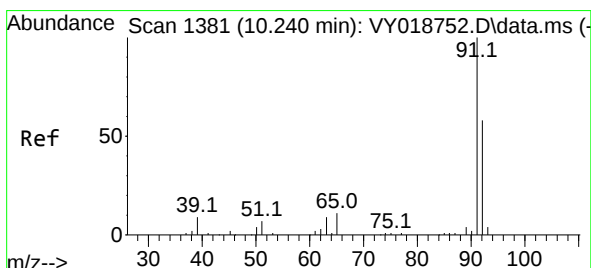
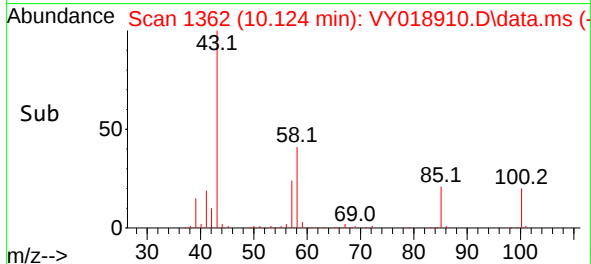
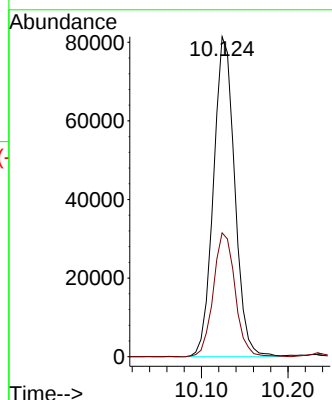
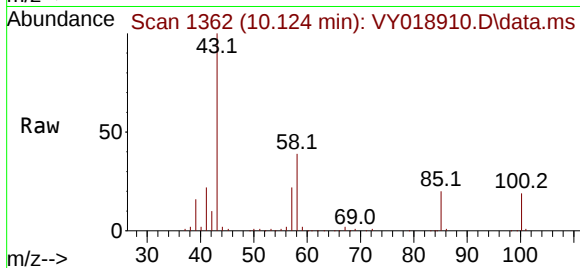




#51
4-Methyl-2-Pentanone
Concen: 270.135 ug/l
RT: 10.124 min Scan# 1362
Delta R.T. 0.061 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

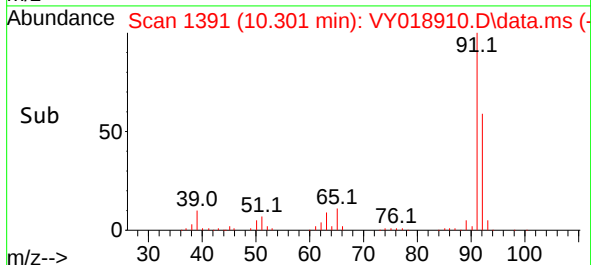
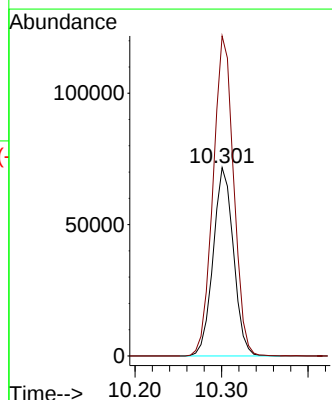
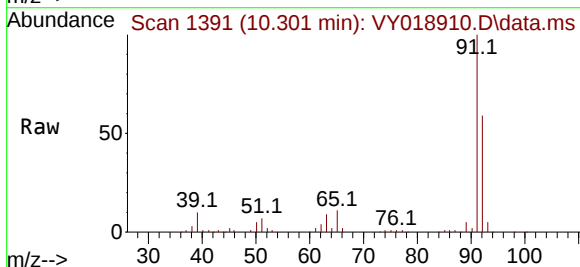
Instrument :
MSVOA_Y
ClientSampleId :

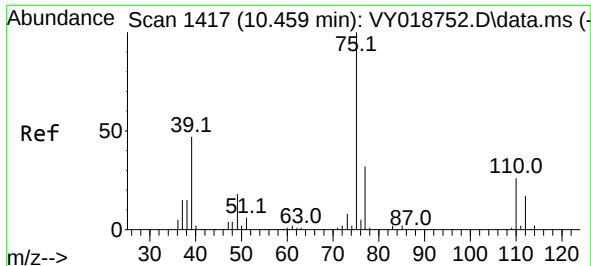
Tgt Ion: 43 Resp: 138700
Ion Ratio Lower Upper
43 100
58 39.7 35.7 53.5



#52
Toluene
Concen: 49.777 ug/l
RT: 10.301 min Scan# 1391
Delta R.T. 0.061 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 92 Resp: 116696
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

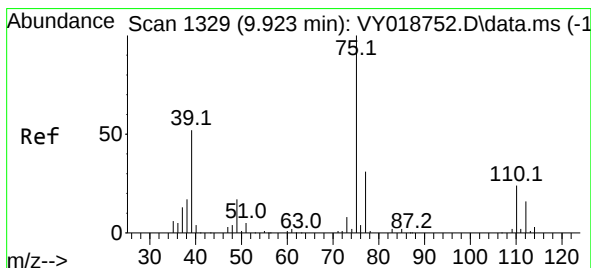
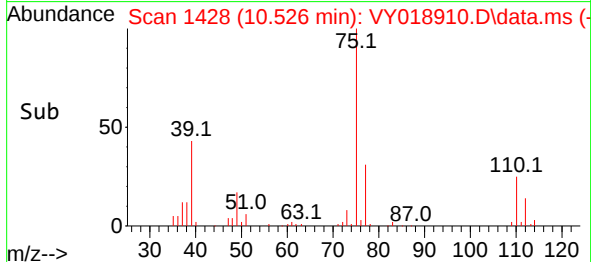
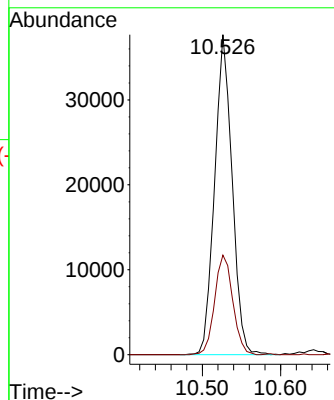
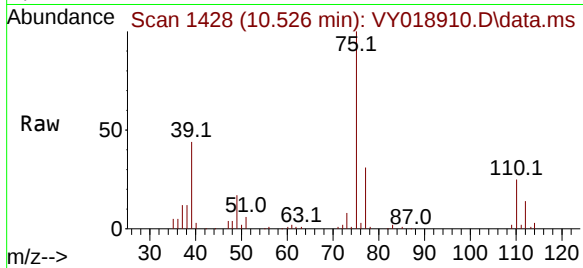




#53
 t-1,3-Dichloropropene
 Concen: 54.458 ug/l
 RT: 10.526 min Scan# 1417
 Delta R.T. 0.067 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

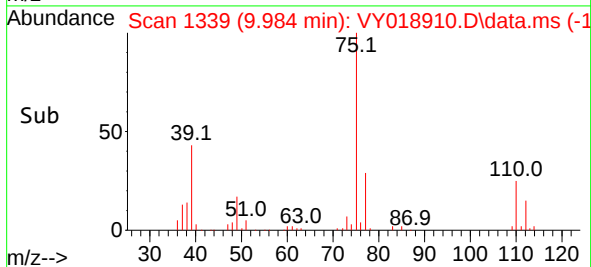
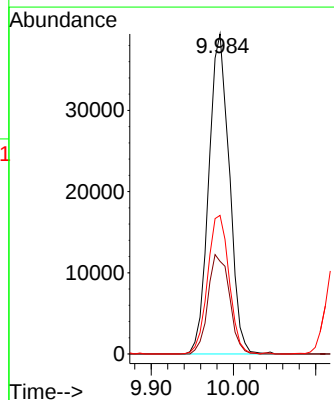
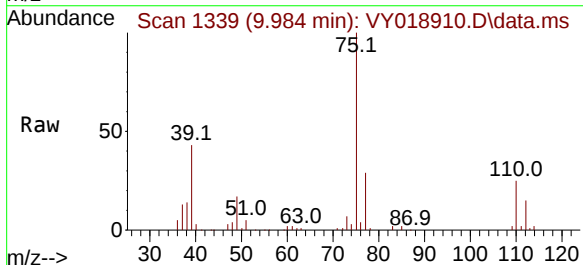
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 58480
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.285 ug/l
 RT: 9.984 min Scan# 1339
 Delta R.T. 0.061 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

Tgt Ion: 75 Resp: 68388
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.4 38.0
 39 43.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.467 ug/l

RT: 10.709 min Scan# 1447

Delta R.T. 0.067 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 34339

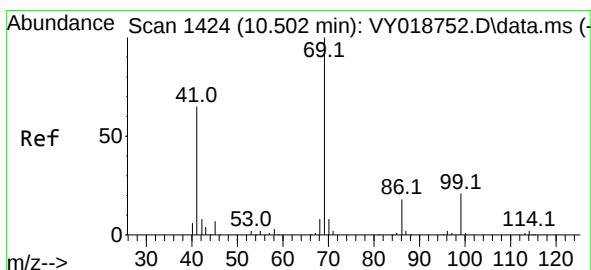
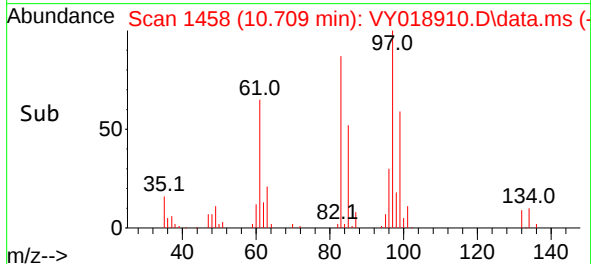
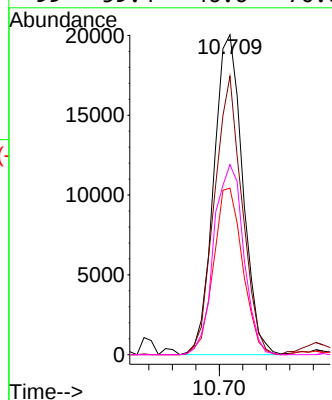
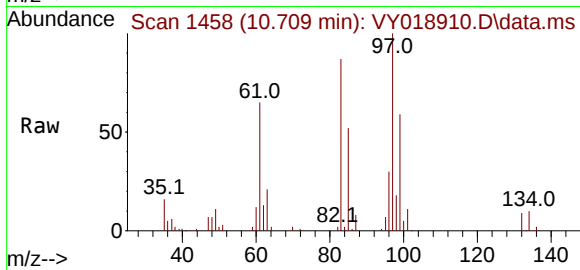
Ion Ratio Lower Upper

97 100

83 87.0 67.5 101.3

85 52.1 42.9 64.3

99 59.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.504 ug/l

RT: 10.575 min Scan# 1436

Delta R.T. 0.073 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

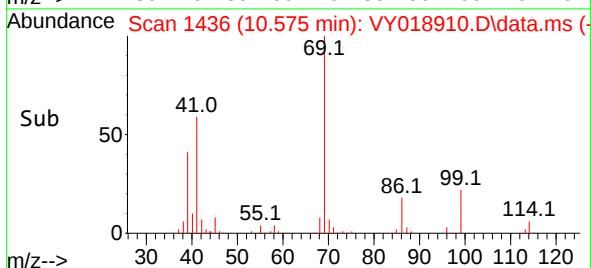
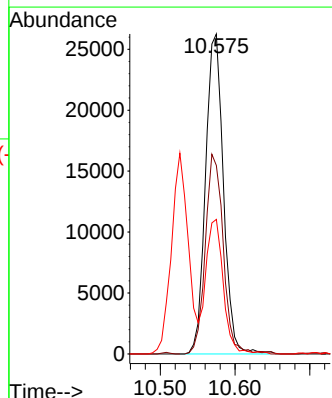
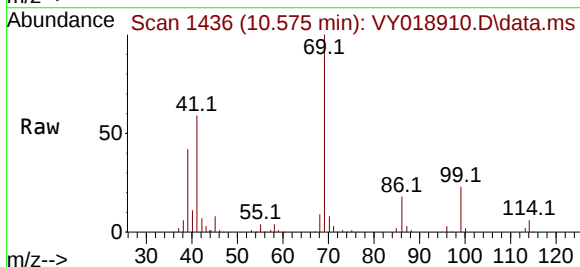
Tgt Ion: 69 Resp: 43580

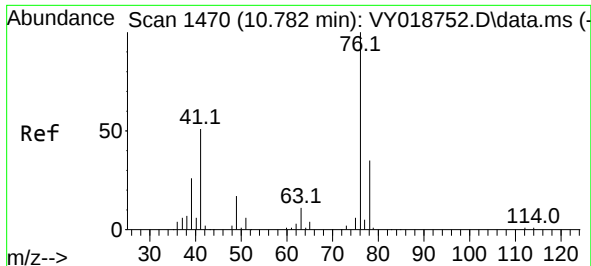
Ion Ratio Lower Upper

69 100

41 62.5 42.3 63.5

39 40.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.192 ug/l

RT: 10.855 min Scan# 1470

Delta R.T. 0.073 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

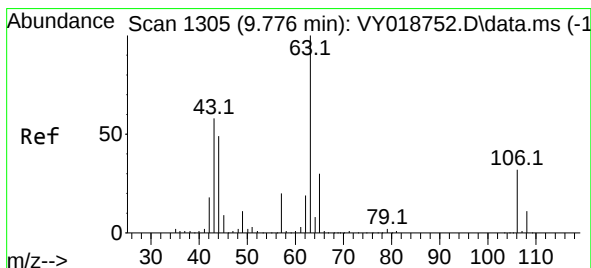
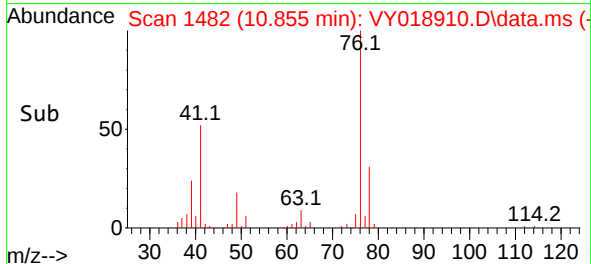
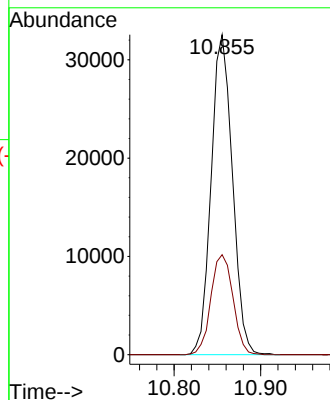
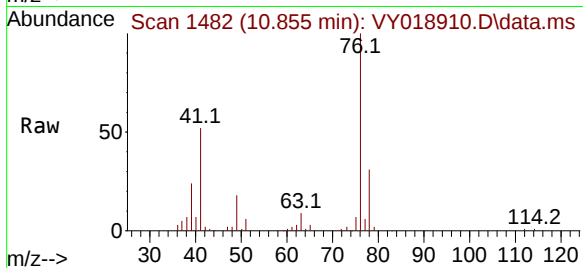
ClientSampleId :

Tgt Ion: 76 Resp: 55591

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.220 ug/l

RT: 9.831 min Scan# 1314

Delta R.T. 0.055 min

Lab File: VY018910.D

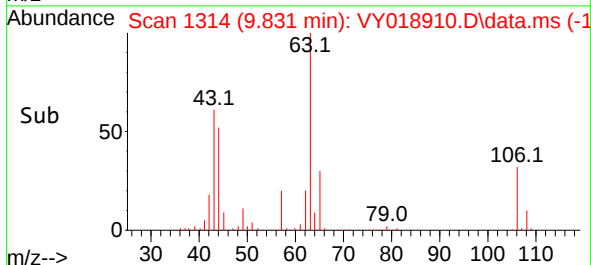
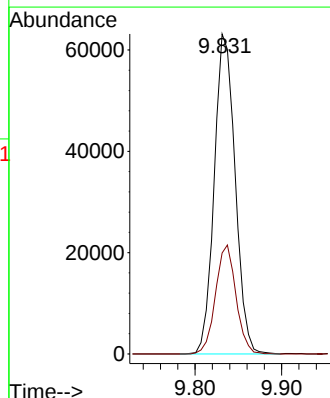
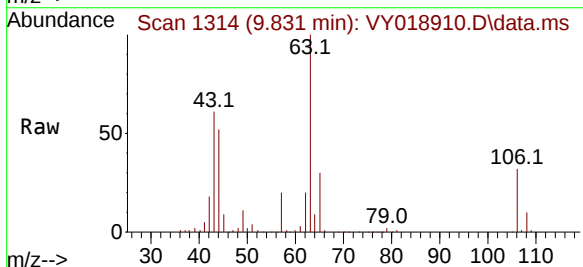
Acq: 24 Jul 2024 16:39

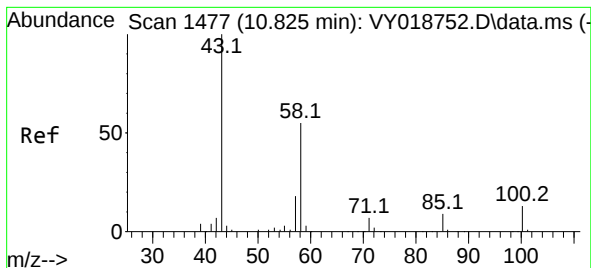
Tgt Ion: 63 Resp: 105966

Ion Ratio Lower Upper

63 100

106 33.3 23.7 35.5

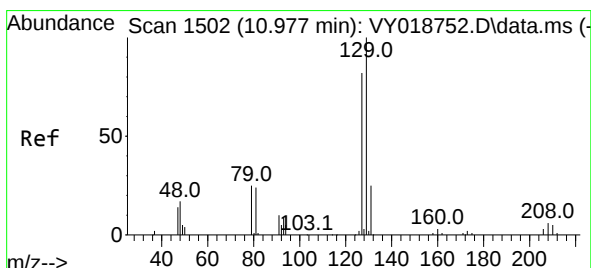
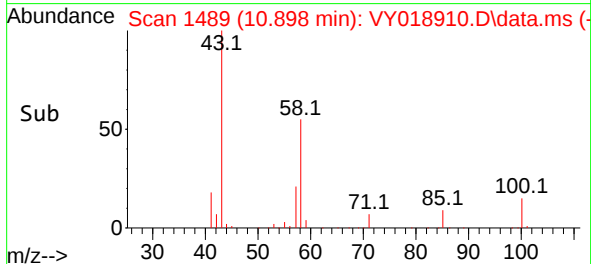
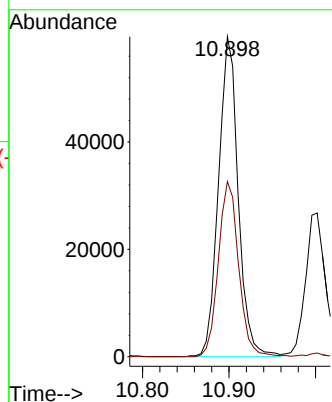
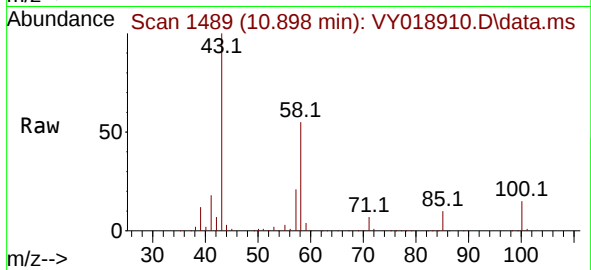




#59
2-Hexanone
Concen: 262.115 ug/l
RT: 10.898 min Scan# 1477
Delta R.T. 0.073 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

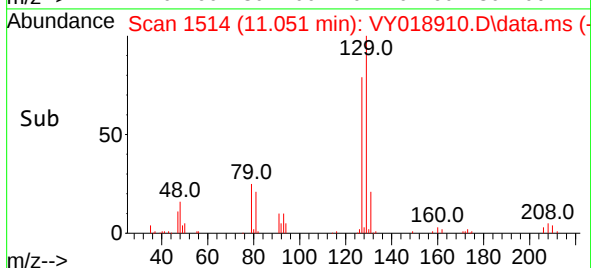
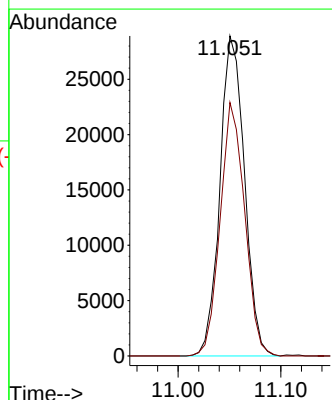
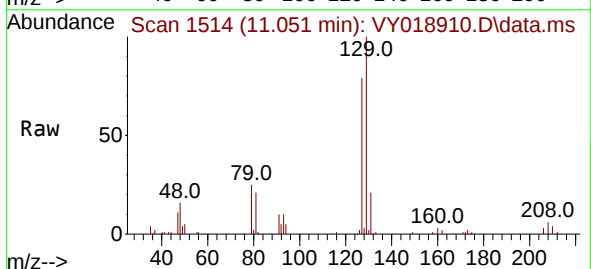
Instrument :
MSVOA_Y
ClientSampleId :

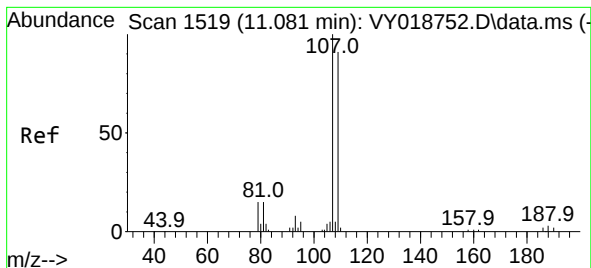
Tgt Ion: 43 Resp: 94153
Ion Ratio Lower Upper
43 100
58 56.4 31.4 94.0



#60
Dibromochloromethane
Concen: 55.336 ug/l
RT: 11.051 min Scan# 1514
Delta R.T. 0.073 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 129 Resp: 47934
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0

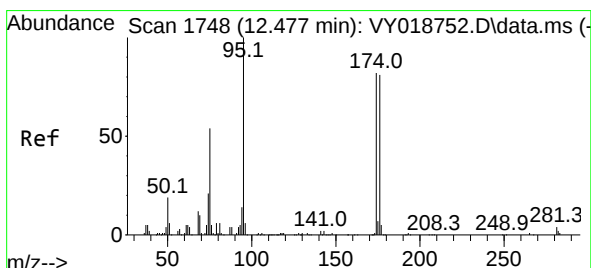
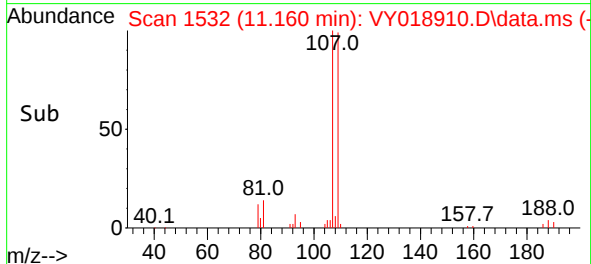
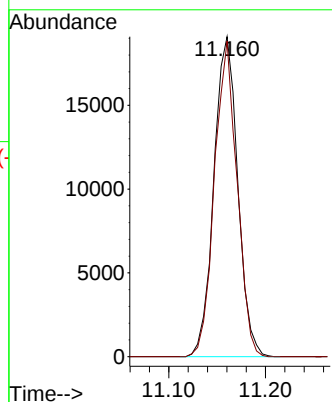
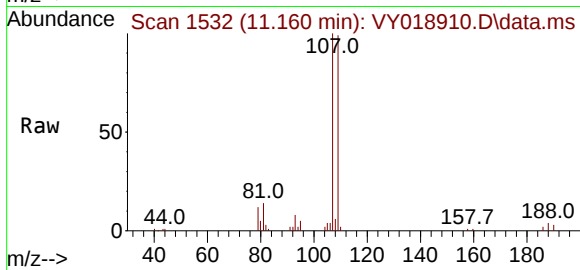




#61
1,2-Dibromoethane
Concen: 53.303 ug/l
RT: 11.160 min Scan# 1532
Delta R.T. 0.079 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

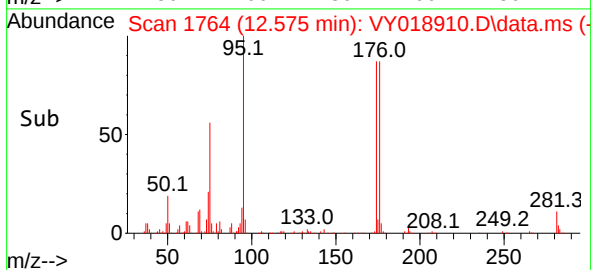
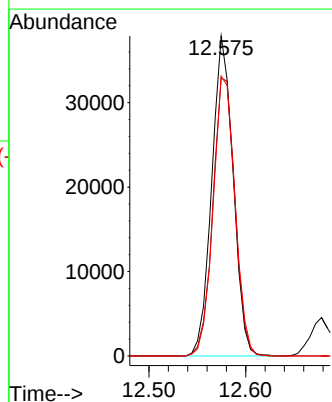
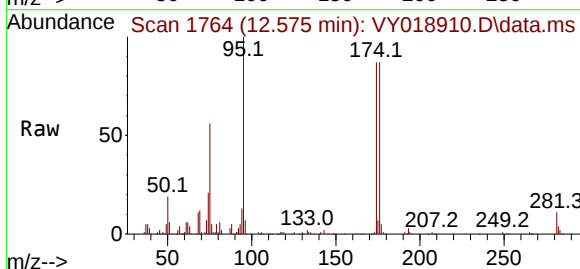
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 32670
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.052 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.098 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 95 Resp: 58196
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 89.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.569 min Scan# 11

Delta R.T. 0.085 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

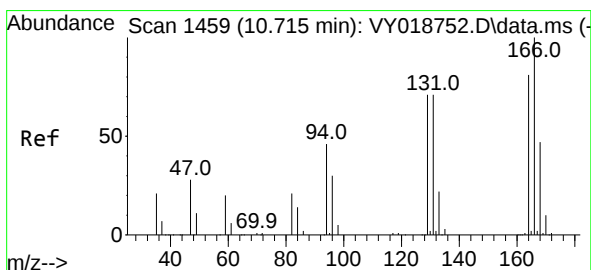
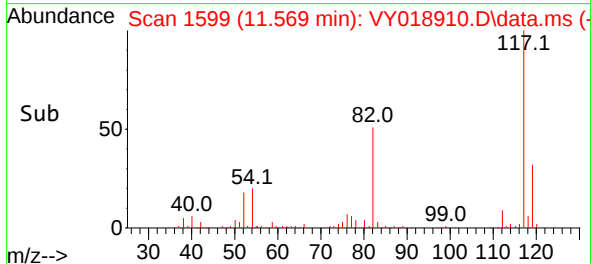
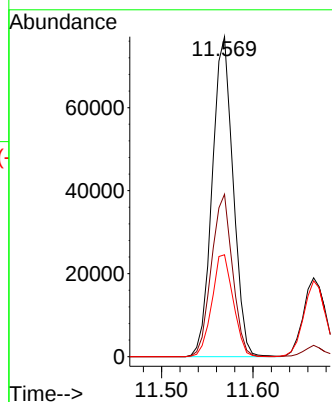
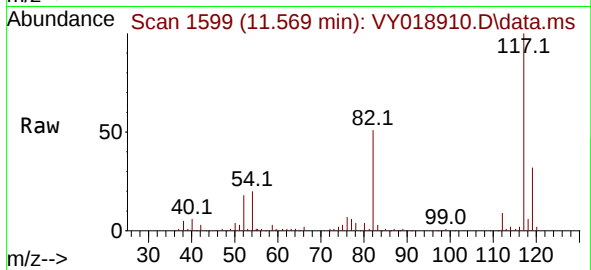
Tgt Ion:117 Resp: 122308

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 53.900 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.067 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Tgt Ion:164 Resp: 53360

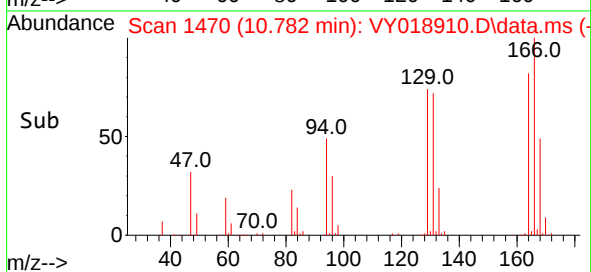
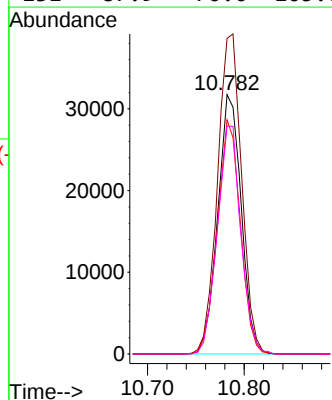
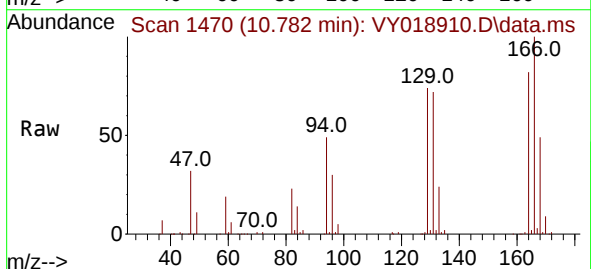
Ion Ratio Lower Upper

164 100

166 121.8 102.6 154.0

129 90.3 72.0 108.0

131 87.9 70.0 105.0





#65

Chlorobenzene

Concen: 53.053 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.079 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

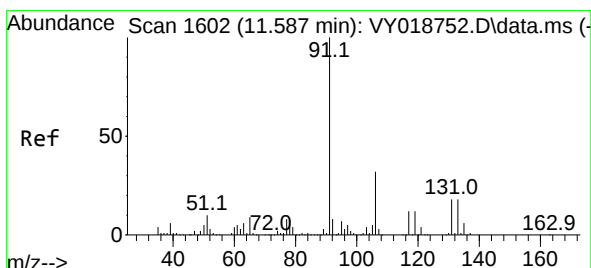
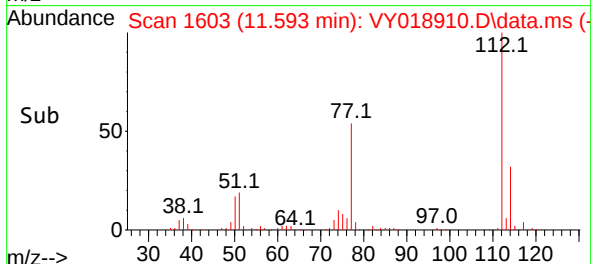
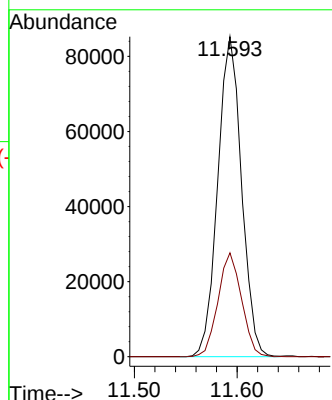
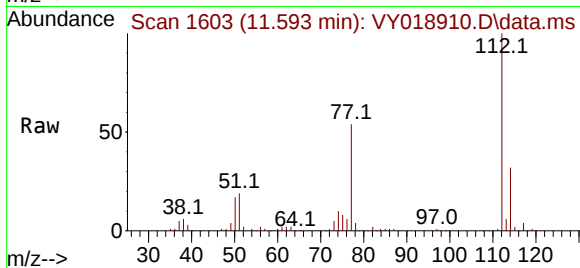
ClientSampleId :

Tgt Ion:112 Resp: 136881

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.577 ug/l

RT: 11.666 min Scan# 1615

Delta R.T. 0.079 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

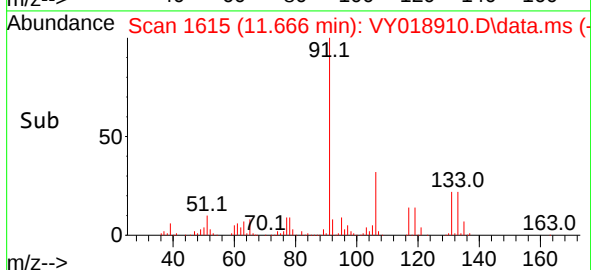
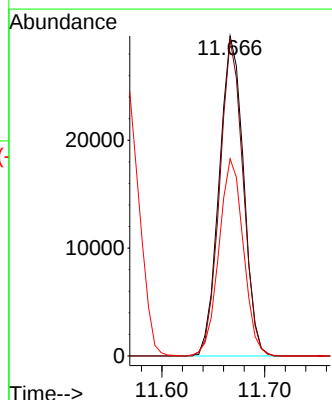
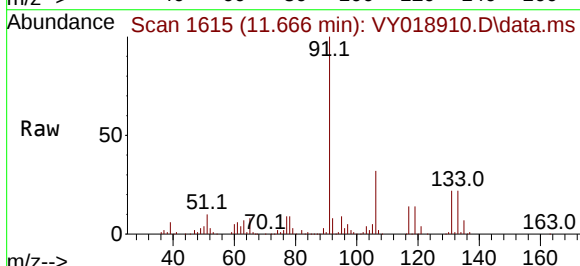
Tgt Ion:131 Resp: 48516

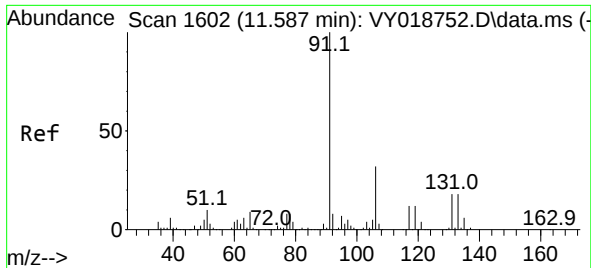
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 62.1 34.1 102.2

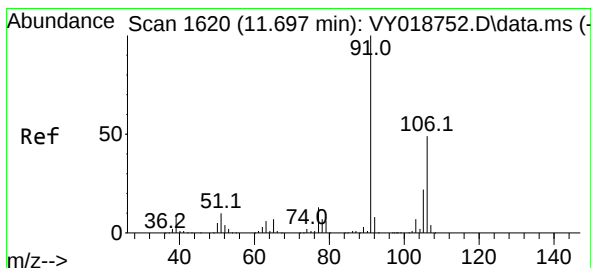
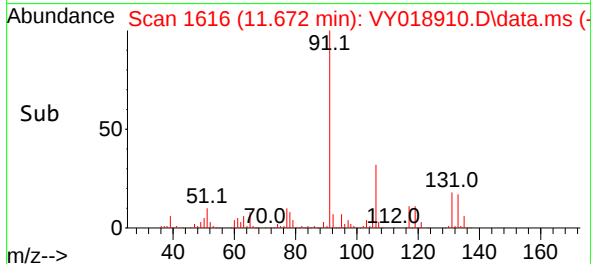
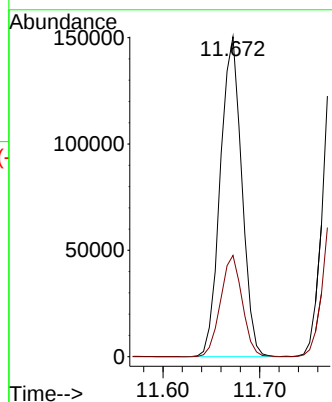
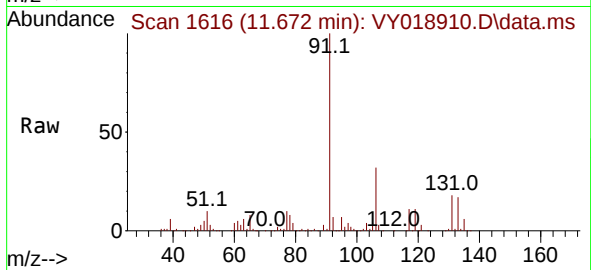




#67
Ethyl Benzene
Concen: 51.162 ug/l
RT: 11.672 min Scan# 1616
Delta R.T. 0.085 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

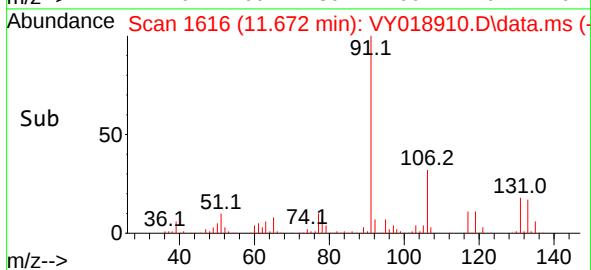
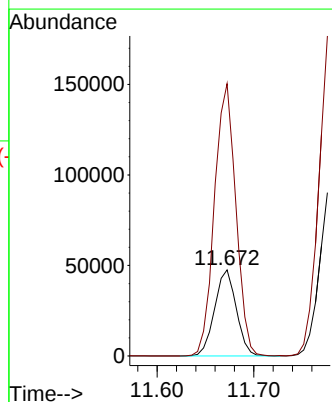
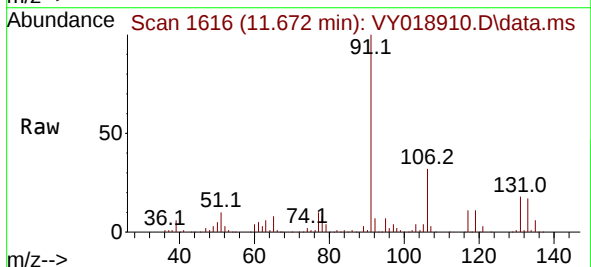
Instrument :
MSVOA_Y
ClientSampleId :

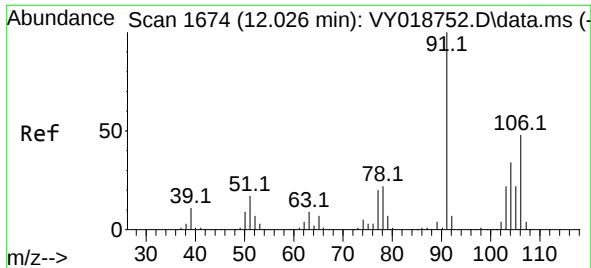
Tgt Ion: 91 Resp: 231246
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 41.656 ug/l
RT: 11.672 min Scan# 1616
Delta R.T. -0.024 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion:106 Resp: 73885
Ion Ratio Lower Upper
106 100
91 313.0 156.0 234.0#

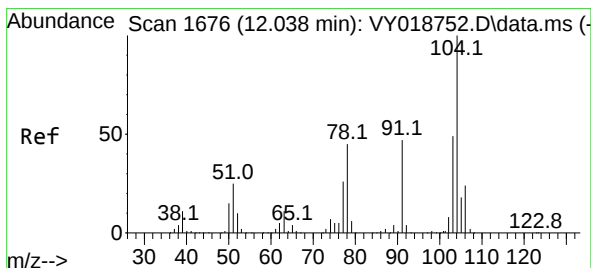
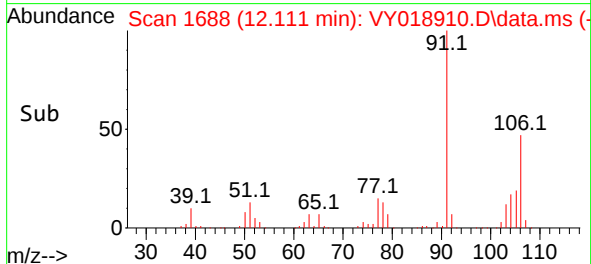
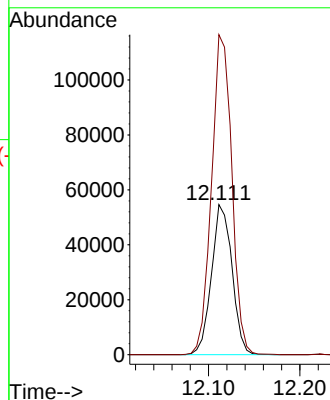
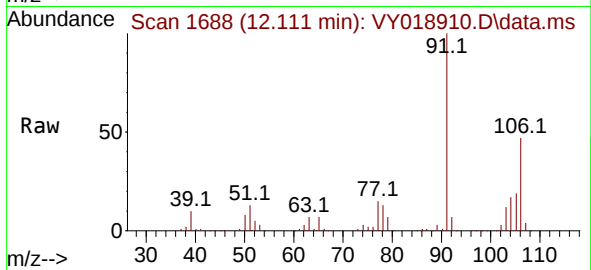




#69
o-Xylene
Concen: 51.062 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. 0.085 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

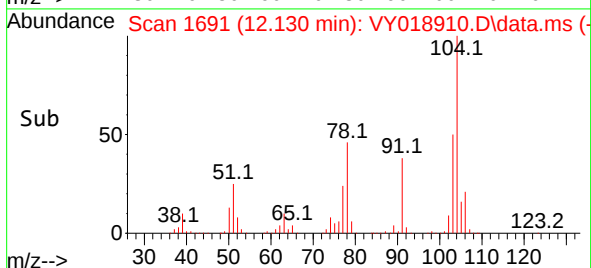
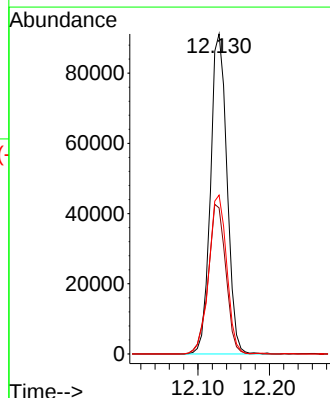
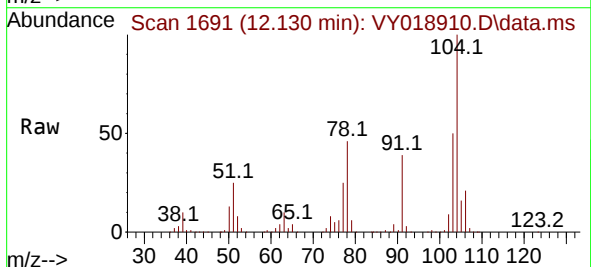
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 85147
Ion Ratio Lower Upper
106 100
91 210.7 103.6 310.8



#70
Styrene
Concen: 52.478 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. 0.091 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion:104 Resp: 146012
Ion Ratio Lower Upper
104 100
78 49.9 37.0 55.4
103 53.8 44.2 66.2





#71

Bromoform

Concen: 58.752 ug/l

RT: 12.294 min Scan# 1

Delta R.T. 0.091 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

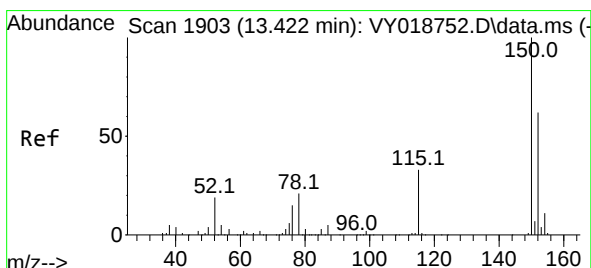
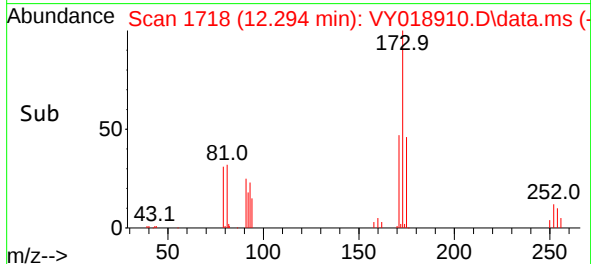
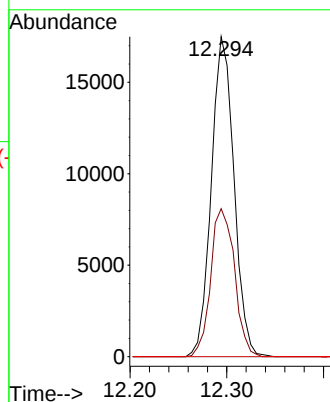
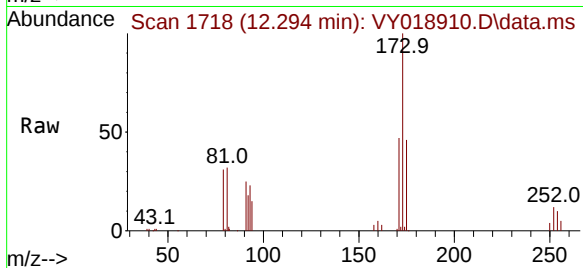
Tgt Ion:173 Resp: 28468

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.538 min Scan# 1922

Delta R.T. 0.116 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

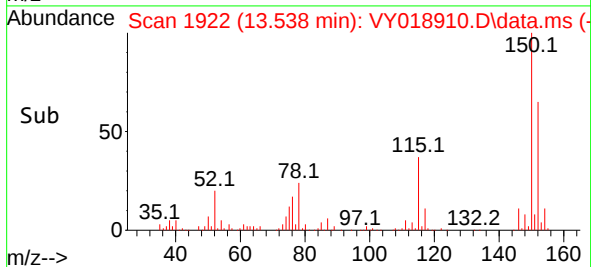
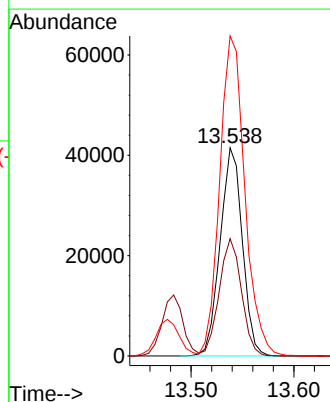
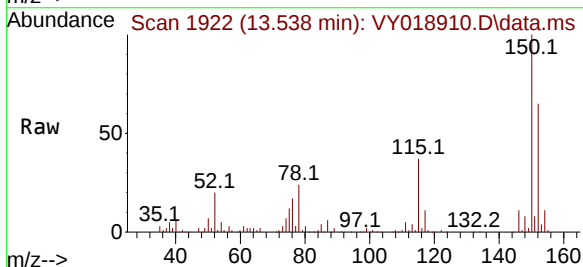
Tgt Ion:152 Resp: 62242

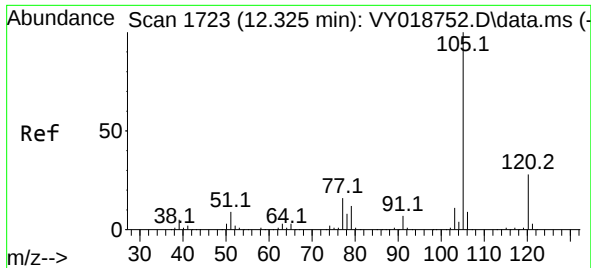
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 173.6 0.0 345.6

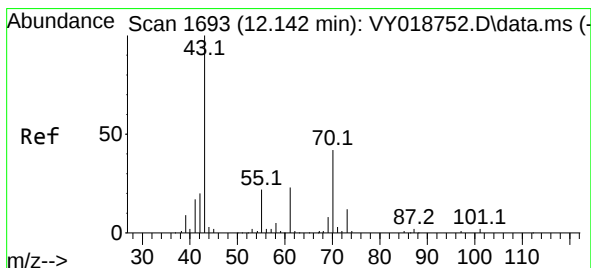
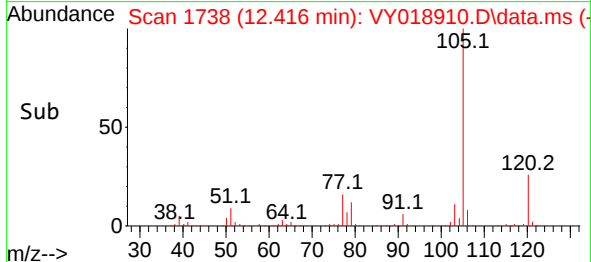
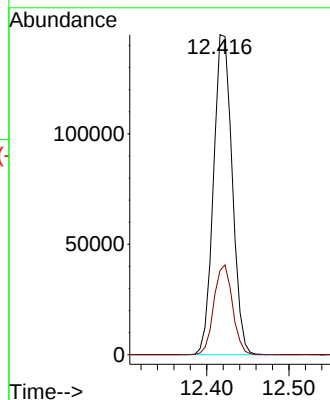
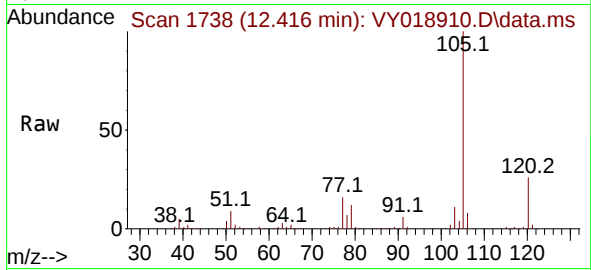




#73
Isopropylbenzene
Concen: 50.215 ug/l
RT: 12.416 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

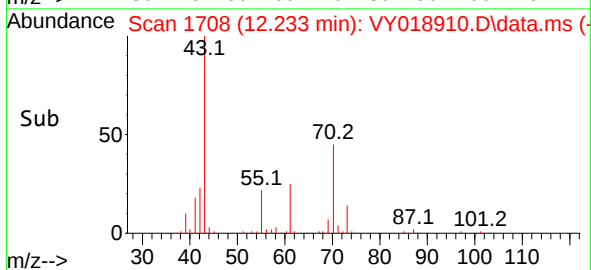
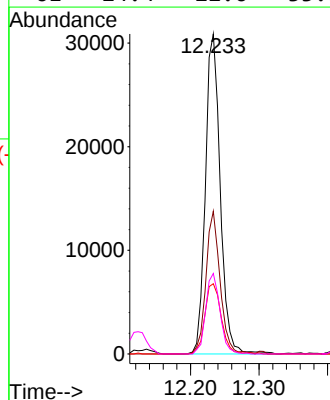
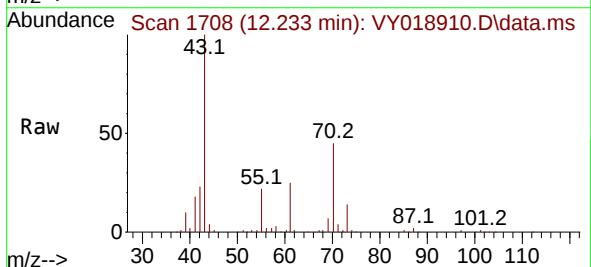
Instrument :
MSVOA_Y
ClientSampleId :

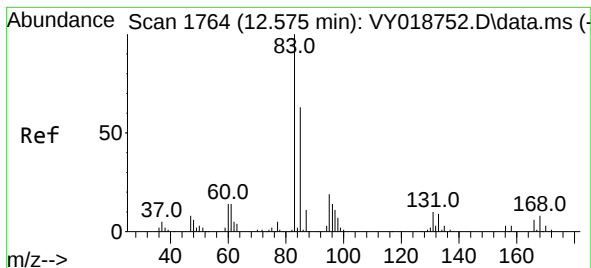
Tgt Ion:105 Resp: 228743
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 49.922 ug/l
RT: 12.233 min Scan# 1708
Delta R.T. 0.091 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 43 Resp: 46507
Ion Ratio Lower Upper
43 100
70 42.8 41.4 62.2
55 24.4 23.3 34.9
61 24.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.550 ug/l

RT: 12.678 min Scan# 1

Delta R.T. 0.104 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

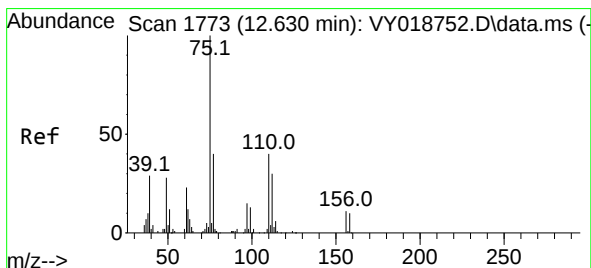
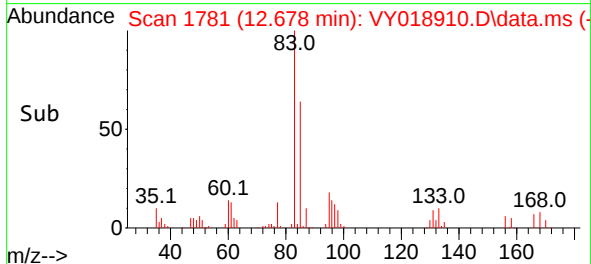
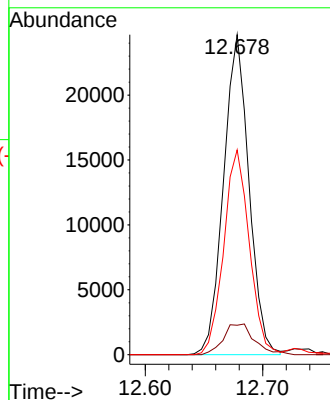
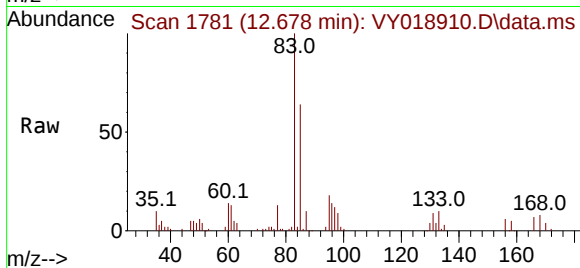
Tgt Ion: 83 Resp: 37019

Ion Ratio Lower Upper

83 100

131 11.8 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 66.791 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.055 min

Lab File: VY018910.D

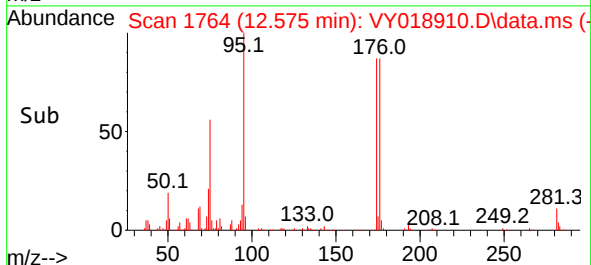
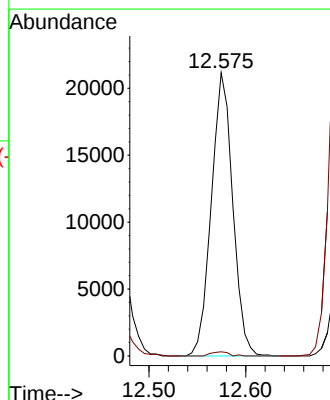
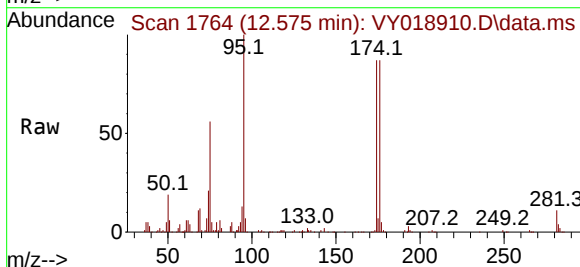
Acq: 24 Jul 2024 16:39

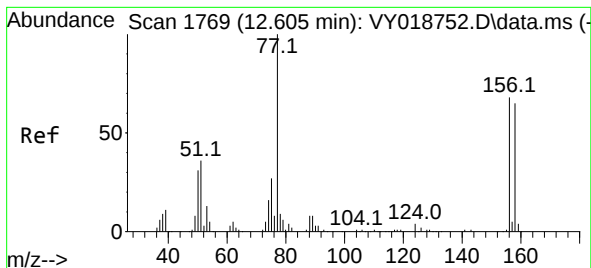
Tgt Ion: 75 Resp: 32560

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.066 ug/l

RT: 12.703 min Scan# 1785

Delta R.T. 0.098 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

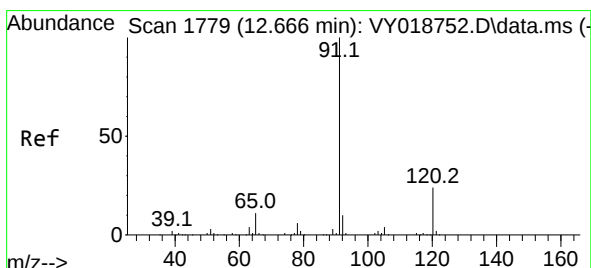
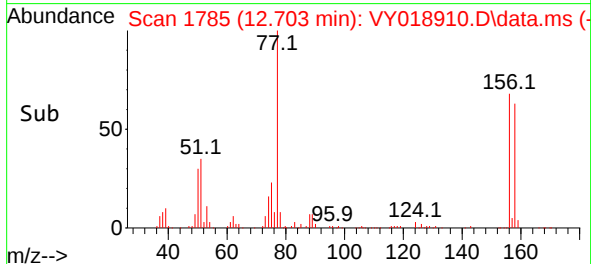
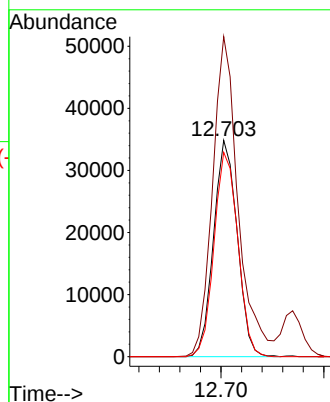
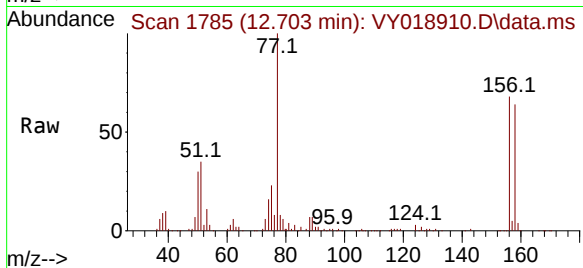
Tgt Ion:156 Resp: 55533

Ion Ratio Lower Upper

156 100

77 160.7 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 48.582 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.104 min

Lab File: VY018910.D

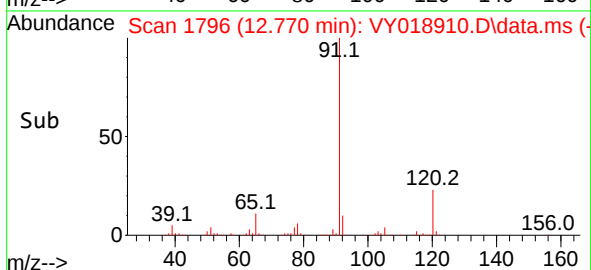
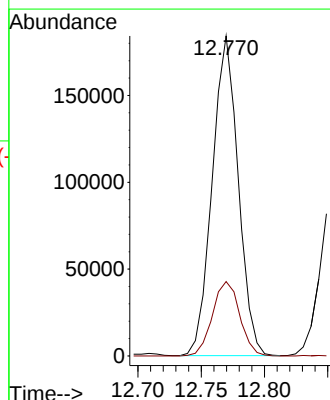
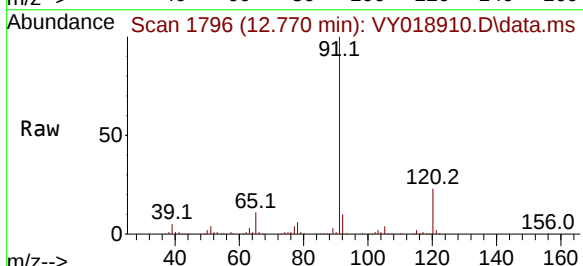
Acq: 24 Jul 2024 16:39

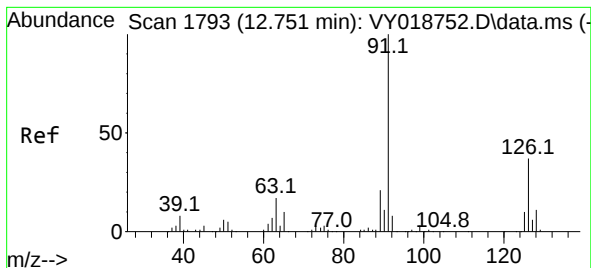
Tgt Ion: 91 Resp: 262803

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

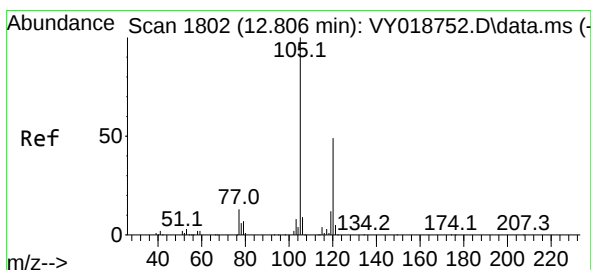
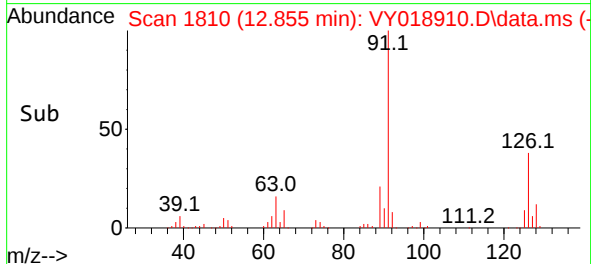
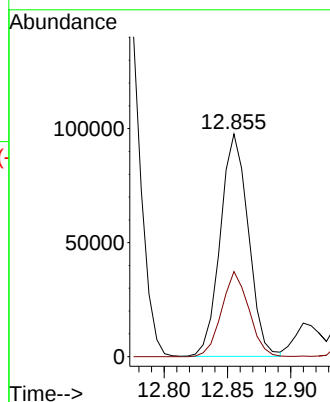
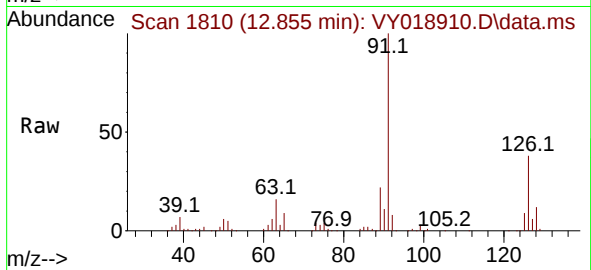




#79
2-Chlorotoluene
Concen: 49.430 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.104 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

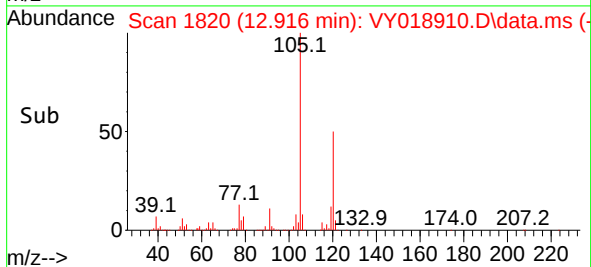
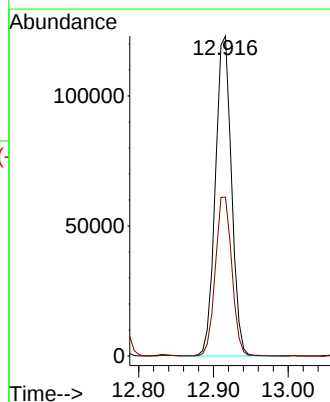
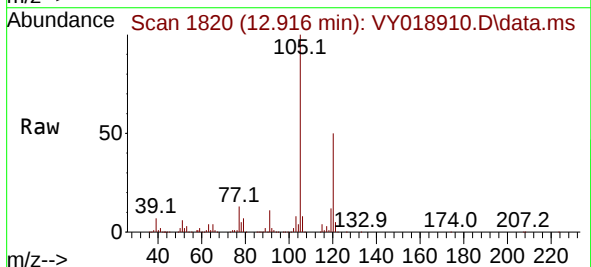
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 150353
Ion Ratio Lower Upper
91 100
126 37.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.666 ug/l
RT: 12.916 min Scan# 1820
Delta R.T. 0.110 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion:105 Resp: 185117
Ion Ratio Lower Upper
105 100
120 50.8 25.1 75.2

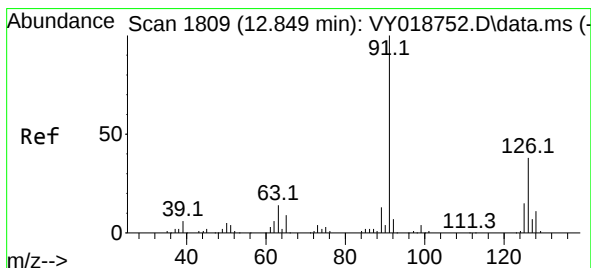
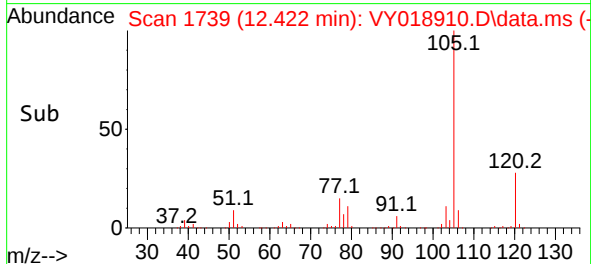
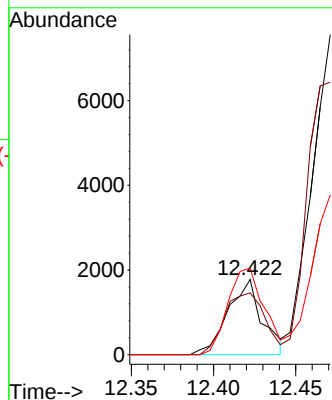
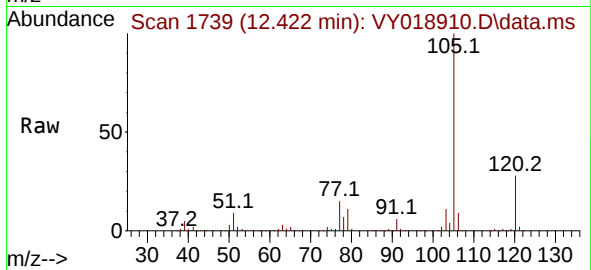




#81
trans-1,4-Dichloro-2-butene
Concen: 11.776 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

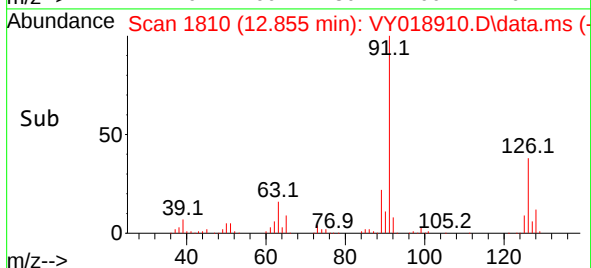
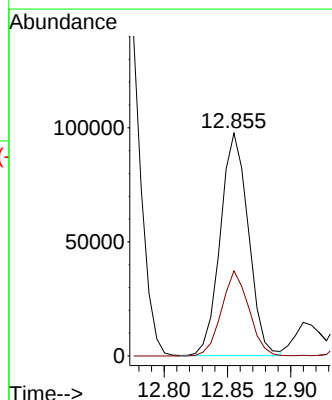
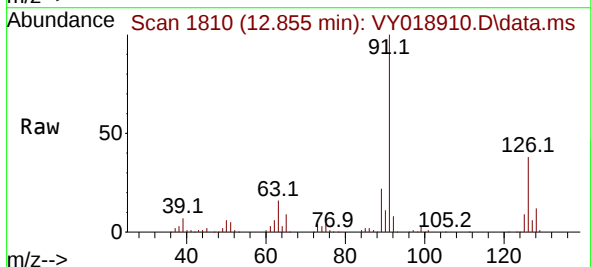
Instrument :
MSVOA_Y
ClientSampleId :

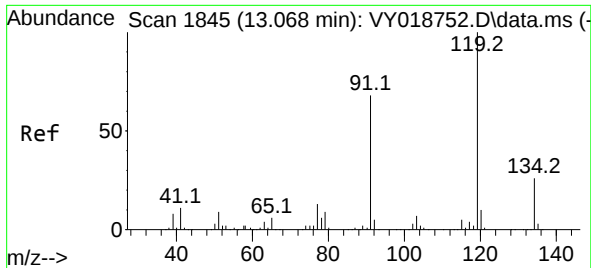
Tgt Ion: 75 Resp: 2565
Ion Ratio Lower Upper
75 100
53 97.7 66.8 100.2
89 122.6 35.8 53.6#



#82
4-Chlorotoluene
Concen: 48.004 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 91 Resp: 150353
Ion Ratio Lower Upper
91 100
126 37.3 17.6 52.9

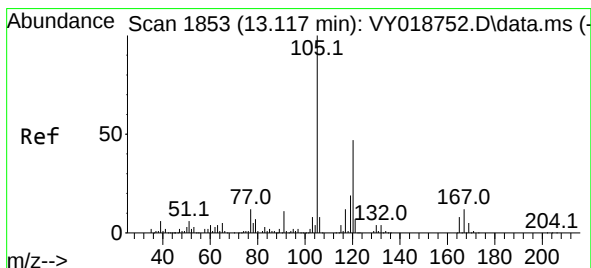
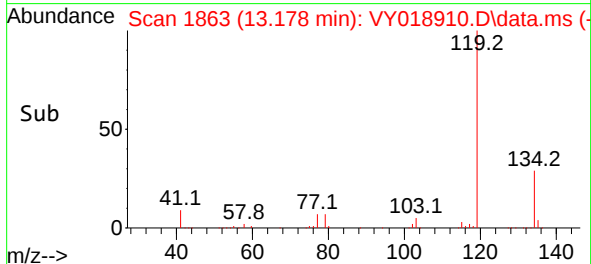
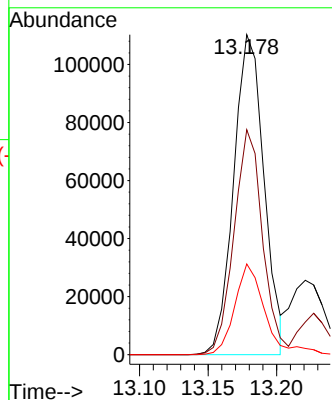
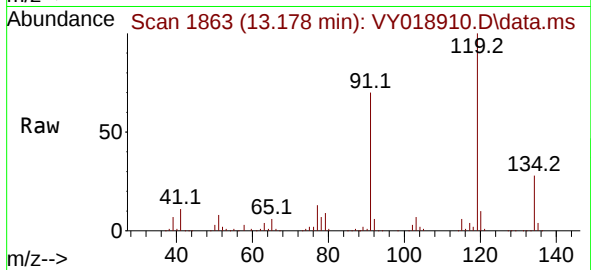




#83
tert-Butylbenzene
Concen: 49.433 ug/l
RT: 13.178 min Scan# 1863
Delta R.T. 0.110 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

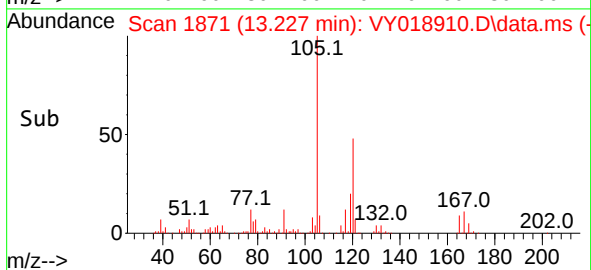
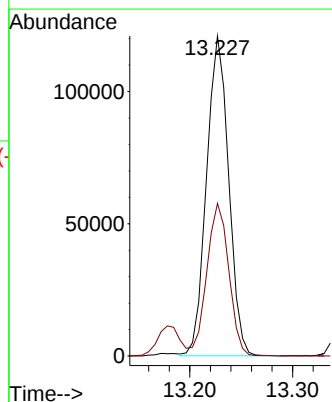
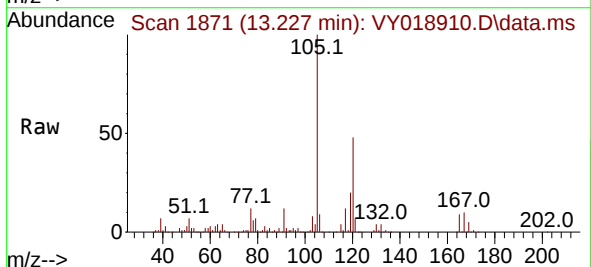
Instrument :
MSVOA_Y
ClientSampleId :

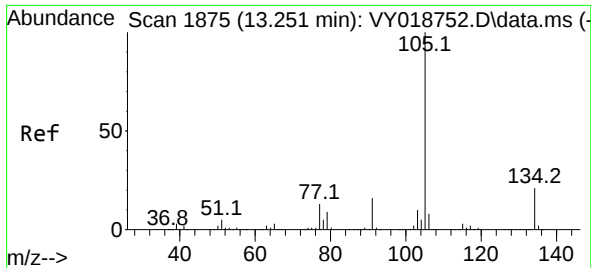
Tgt Ion:119 Resp: 170104
Ion Ratio Lower Upper
119 100
91 66.3 31.3 93.8
134 28.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.769 ug/l
RT: 13.227 min Scan# 1871
Delta R.T. 0.110 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion:105 Resp: 180629
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6

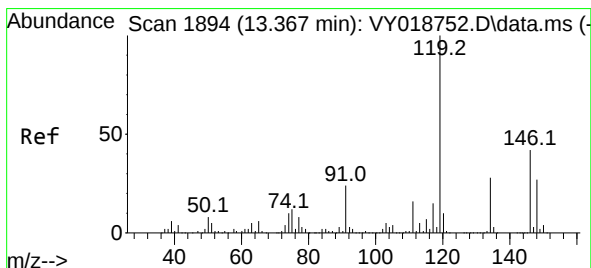
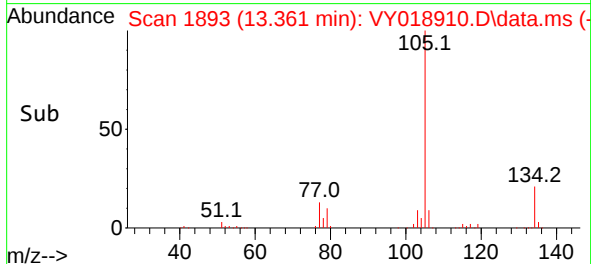
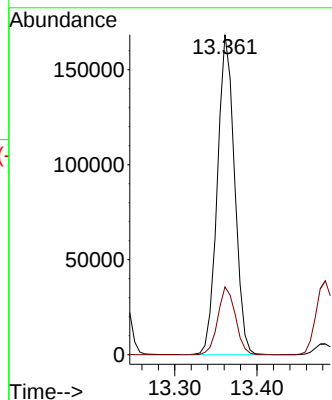
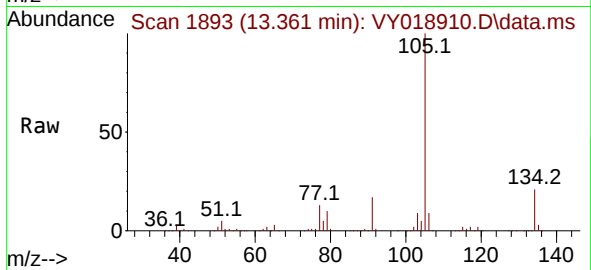




#85
 sec-Butylbenzene
 Concen: 50.108 ug/l
 RT: 13.361 min Scan# 1875
 Delta R.T. 0.110 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

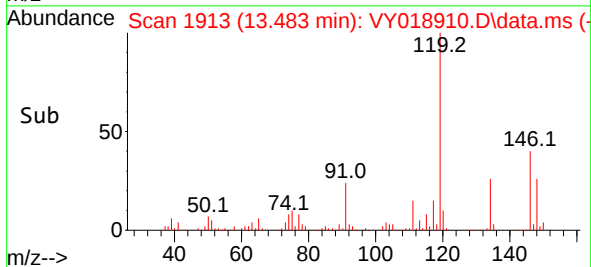
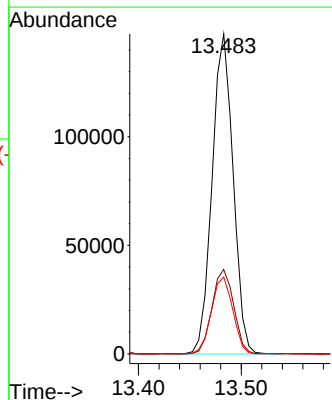
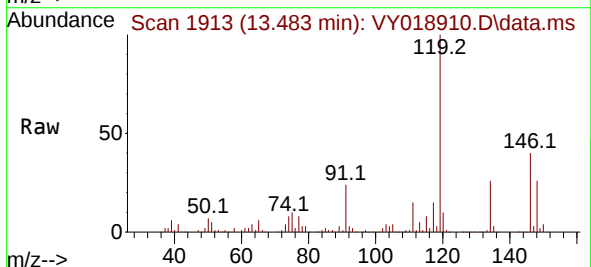
Instrument :
 MSVOA_Y
 ClientSampleId :

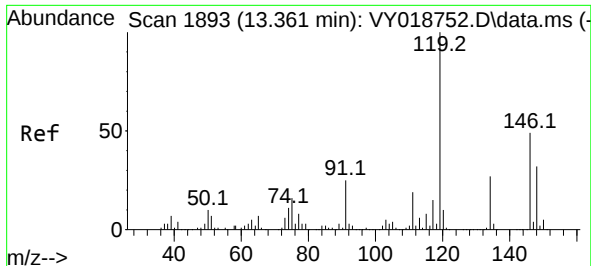
Tgt Ion:105 Resp: 244744
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.641 ug/l
 RT: 13.483 min Scan# 1913
 Delta R.T. 0.116 min
 Lab File: VY018910.D
 Acq: 24 Jul 2024 16:39

Tgt Ion:119 Resp: 209316
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.761 ug/l

RT: 13.477 min Scan# 1912

Delta R.T. 0.116 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

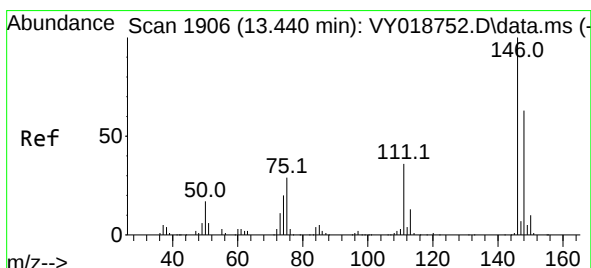
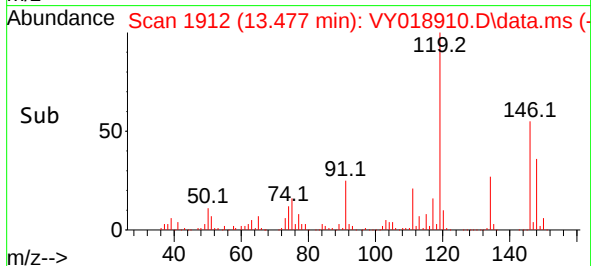
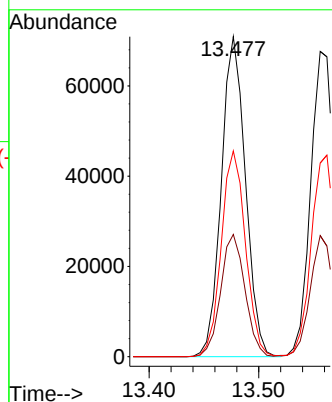
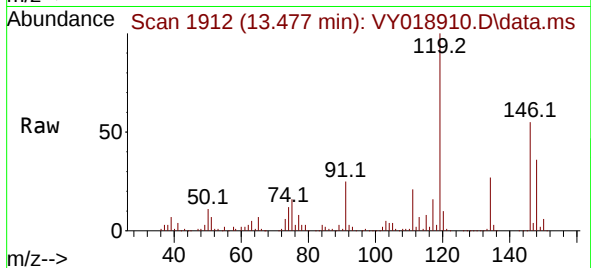
Tgt Ion:146 Resp: 108418

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.216 ug/l

RT: 13.477 min Scan# 1912

Delta R.T. 0.037 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

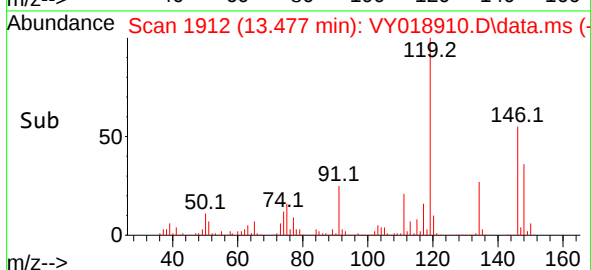
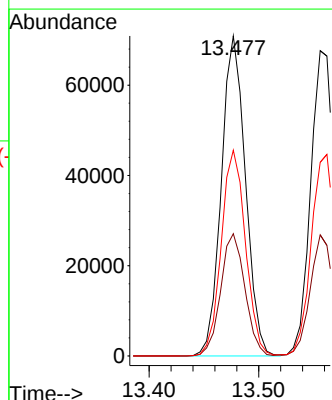
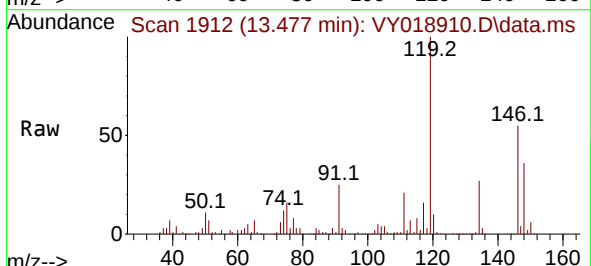
Tgt Ion:146 Resp: 108418

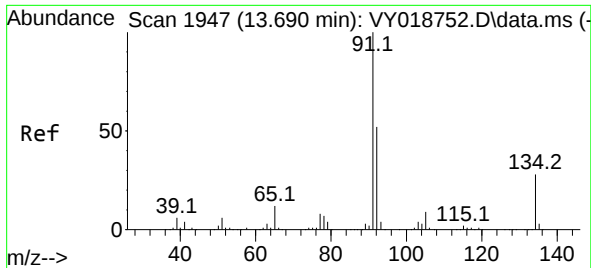
Ion Ratio Lower Upper

146 100

111 38.5 18.4 55.4

148 64.6 32.4 97.2

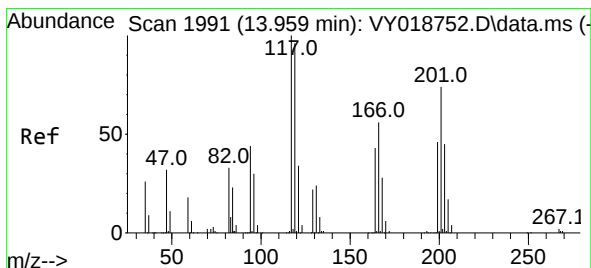
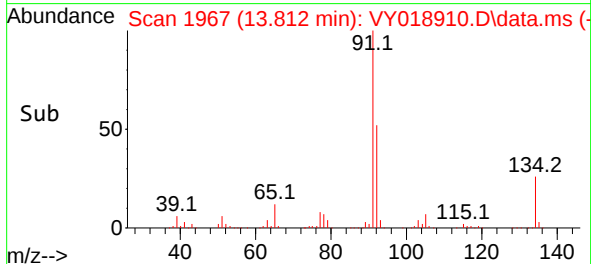
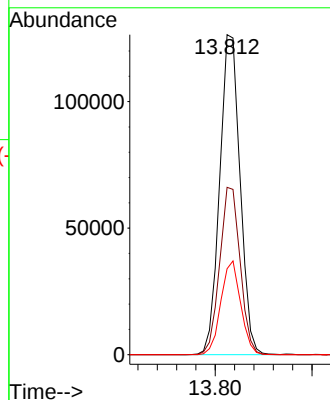
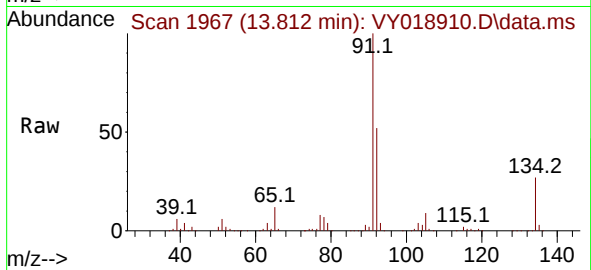




#89
n-Butylbenzene
Concen: 48.339 ug/l
RT: 13.812 min Scan# 1947
Delta R.T. 0.122 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

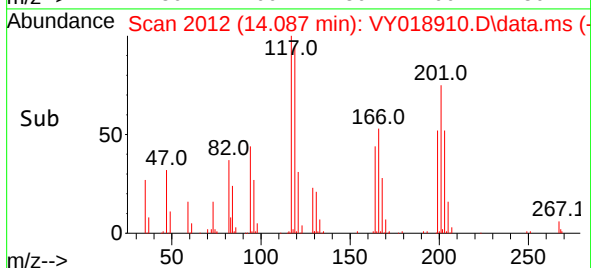
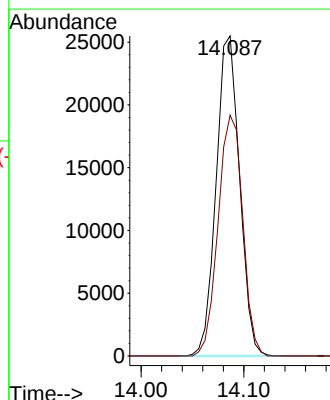
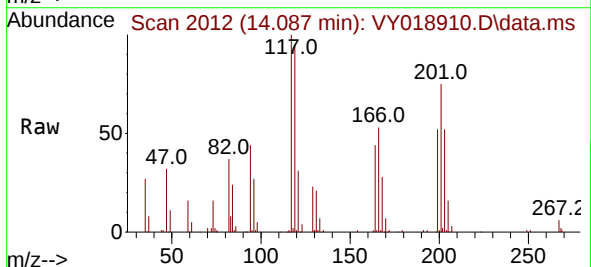
Instrument :
MSVOA_Y
ClientSampleId :

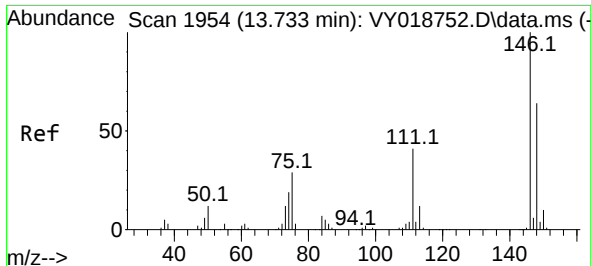
Tgt Ion: 91 Resp: 184788
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 28.5 12.9 38.7



#90
Hexachloroethane
Concen: 51.429 ug/l
RT: 14.087 min Scan# 2012
Delta R.T. 0.128 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion: 117 Resp: 40330
Ion Ratio Lower Upper
117 100
201 78.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.899 ug/l

RT: 13.855 min Scan# 1954

Delta R.T. 0.122 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

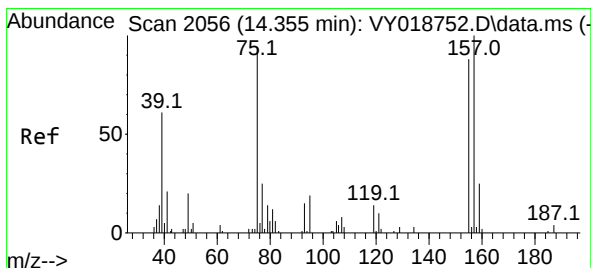
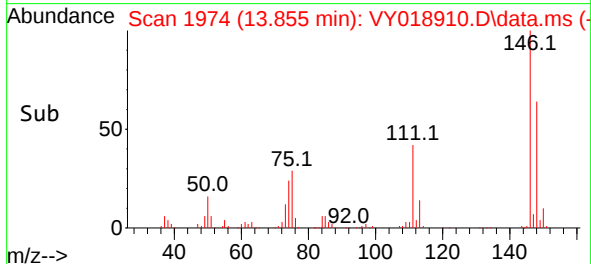
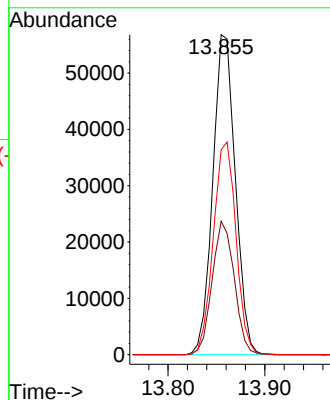
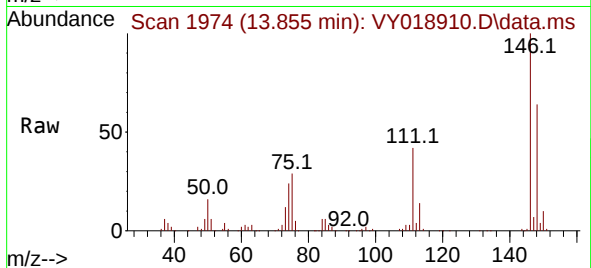
Tgt Ion:146 Resp: 92064

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.7

148 66.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.916 ug/l

RT: 14.489 min Scan# 2078

Delta R.T. 0.134 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

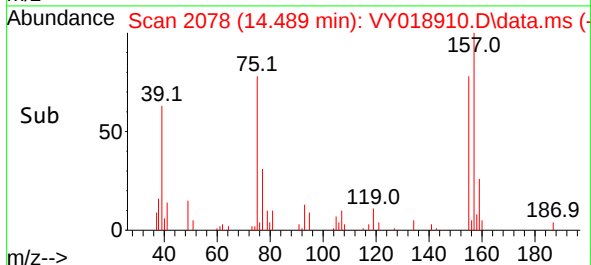
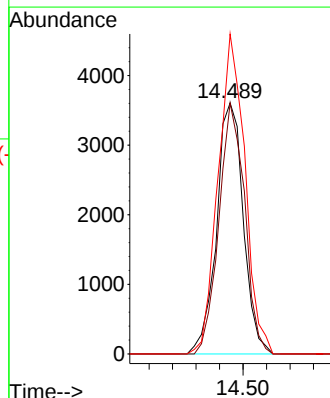
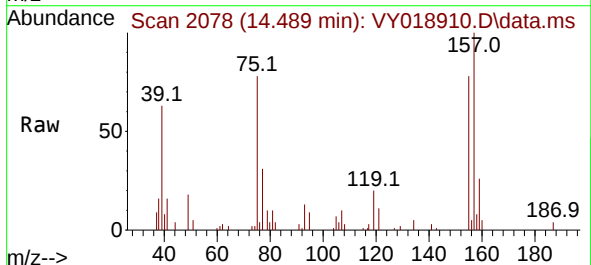
Tgt Ion: 75 Resp: 5692

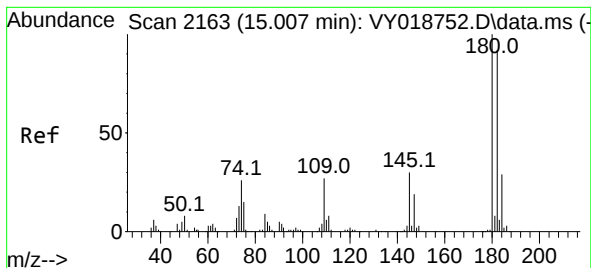
Ion Ratio Lower Upper

75 100

155 96.0 48.6 145.8

157 127.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.760 ug/l

RT: 15.160 min Scan# 21

Delta R.T. 0.152 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

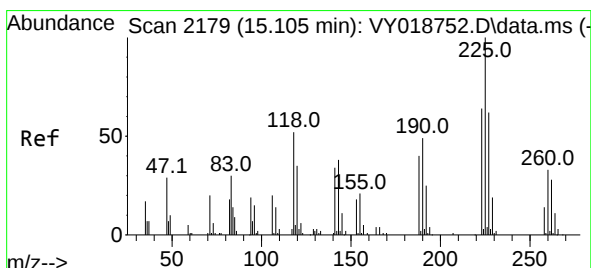
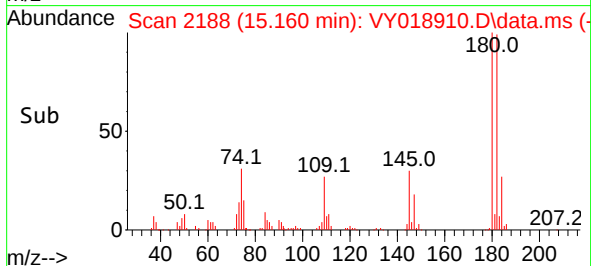
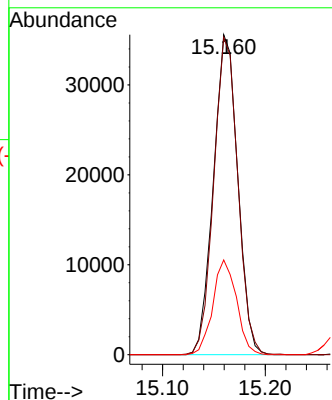
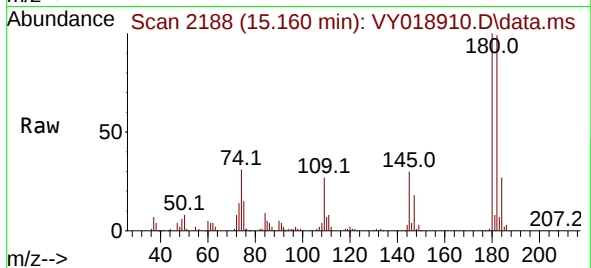
Tgt Ion:180 Resp: 58295

Ion Ratio Lower Upper

180 100

182 98.0 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.883 ug/l

RT: 15.269 min Scan# 2206

Delta R.T. 0.165 min

Lab File: VY018910.D

Acq: 24 Jul 2024 16:39

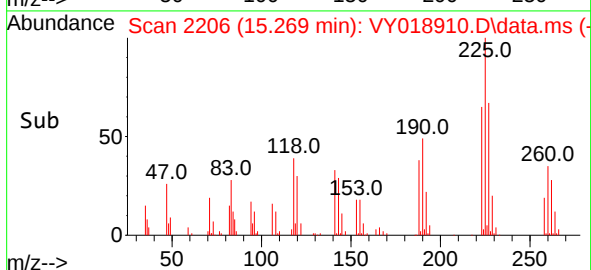
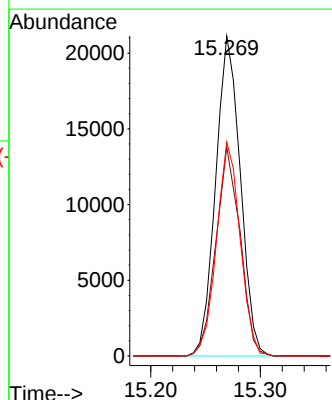
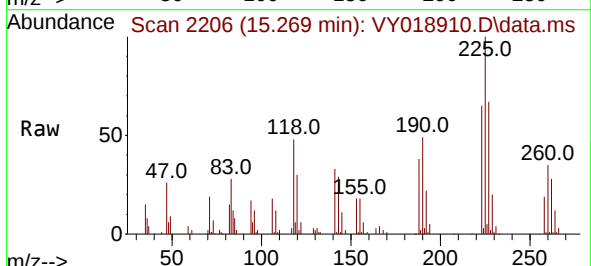
Tgt Ion:225 Resp: 33032

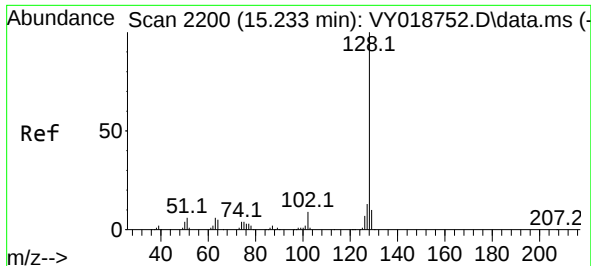
Ion Ratio Lower Upper

225 100

223 63.9 30.4 91.2

227 64.2 31.9 95.9

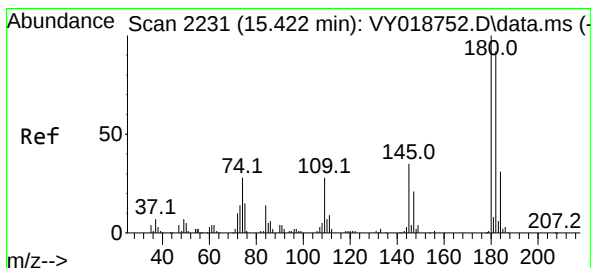
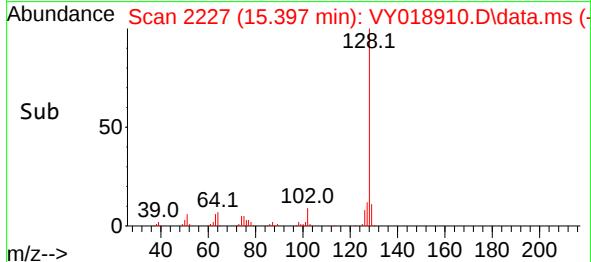
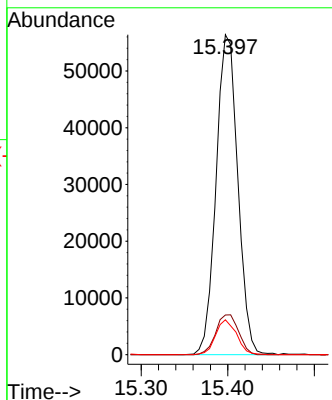
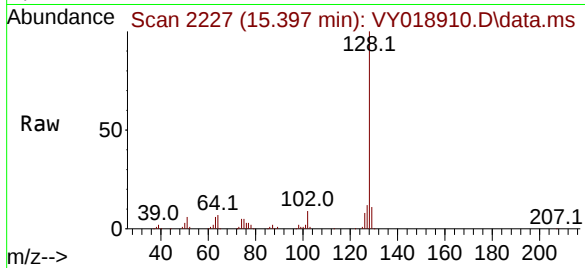




#95
Naphthalene
Concen: 50.828 ug/l
RT: 15.397 min Scan# 21
Delta R.T. 0.165 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.117 ug/l
RT: 15.598 min Scan# 2260
Delta R.T. 0.177 min
Lab File: VY018910.D
Acq: 24 Jul 2024 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	30.7	15.4	46.1

