

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018957.D
 Acq On : 09 Aug 2024 10:57
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 09 23:24:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	67834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	105793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	28893	48.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.622	113	31965	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.103	98	123596	47.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.408	95	35137	45.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	9423	20.210	ug/l	99
3) Chloromethane	2.068	50	24541	20.273	ug/l	99
4) Vinyl Chloride	2.196	62	31985	20.470	ug/l	98
5) Bromomethane	2.586	94	28618	22.956	ug/l	98
6) Chloroethane	2.726	64	22279	21.203	ug/l	96
7) Trichlorofluoromethane	3.037	101	42963	20.631	ug/l	93
8) Diethyl Ether	3.446	74	6098	18.996	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	13203	20.293	ug/l	93
10) Methyl Iodide	3.994	142	13435	19.124	ug/l	95
11) Tert butyl alcohol	4.842	59	5780	75.800	ug/l	100
12) 1,1-Dichloroethene	3.775	96	11943	19.431	ug/l #	86
13) Acrolein	3.641	56	6027	93.767	ug/l	97
14) Allyl chloride	4.372	41	16010	19.476	ug/l	86
15) Acrylonitrile	5.037	53	12174	96.735	ug/l	96
16) Acetone	3.860	43	10997	81.346	ug/l #	82
17) Carbon Disulfide	4.092	76	34295	18.770	ug/l	98
18) Methyl Acetate	4.379	43	6477	19.567	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	27379	18.110	ug/l	98
20) Methylene Chloride	4.610	84	14466	16.921	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	13414	19.725	ug/l	89
22) Diisopropyl ether	6.012	45	34292	19.136	ug/l	92
23) Vinyl Acetate	5.945	43	142653	92.238	ug/l	98
24) 1,1-Dichloroethane	5.903	63	22009	20.020	ug/l	98
25) 2-Butanone	6.878	43	16328	84.673	ug/l	94
26) 2,2-Dichloropropane	6.872	77	18087	17.480	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	15271	18.768	ug/l	98
28) Bromochloromethane	7.238	49	10180	20.113	ug/l	93
29) Tetrahydrofuran	7.250	42	10779	94.797	ug/l	87
30) Chloroform	7.409	83	23197	19.725	ug/l	93
31) Cyclohexane	7.695	56	19302	18.331	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	21040	19.793	ug/l	96
36) 1,1-Dichloropropene	7.823	75	16879	18.609	ug/l	97
37) Ethyl Acetate	6.970	43	7822	18.868	ug/l #	92
38) Carbon Tetrachloride	7.811	117	18877	18.152	ug/l	99
39) Methylcyclohexane	9.103	83	21481	17.595	ug/l	95
40) Benzene	8.067	78	49785	18.461	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	2929	14.334	ug/l #	75
42) 1,2-Dichloroethane	8.152	62	12999	19.362	ug/l	96
43) Isopropyl Acetate	8.189	43	14636	17.359	ug/l #	80
44) Trichloroethene	8.859	130	14663	19.075	ug/l	84
45) 1,2-Dichloropropane	9.134	63	11478	19.021	ug/l	92
46) Dibromomethane	9.219	93	8027	20.587	ug/l	90
47) Bromodichloromethane	9.420	83	17577	19.264	ug/l	93
48) Methyl methacrylate	9.219	41	6446	17.501	ug/l #	76
49) 1,4-Dioxane	9.219	88	1685	365.794	ug/l #	79
51) 4-Methyl-2-Pentanone	9.993	43	38624	88.827	ug/l	87
52) Toluene	10.164	92	32633	18.217	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	14613	17.960	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	17476	18.082	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	9589	20.027	ug/l	92
56) Ethyl methacrylate	10.438	69	11174	17.236	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	14051	17.823	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	29951	89.613	ug/l	95
59) 2-Hexanone	10.755	43	25660	82.267	ug/l	86
60) Dibromochloromethane	10.908	129	11492	17.902	ug/l	97
61) 1,2-Dibromoethane	11.012	107	8701	18.820	ug/l	99
64) Tetrachloroethene	10.646	164	15054	20.057	ug/l	87
65) Chlorobenzene	11.438	112	37901	19.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	12346	17.955	ug/l	99
67) Ethyl Benzene	11.518	91	62210	18.278	ug/l	98
68) m/p-Xylenes	11.627	106	49478	35.452	ug/l	98
69) o-Xylene	11.956	106	22898	17.777	ug/l	99
70) Styrene	11.969	104	39016	18.390	ug/l	98
71) Bromoform	12.133	173	6339	17.728	ug/l #	97
73) Isopropylbenzene	12.255	105	59515	18.164	ug/l	96
74) N-amyl acetate	12.072	43	13873	18.348	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	9457	17.885	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	11896	35.375	ug/l #	100
77) Bromobenzene	12.536	156	14550	19.062	ug/l	88
78) n-propylbenzene	12.597	91	72069	18.583	ug/l	96
79) 2-Chlorotoluene	12.682	91	36781	18.320	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	47840	18.631	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	2579	15.803	ug/l #	80
82) 4-Chlorotoluene	12.780	91	38367	18.665	ug/l	96
83) tert-Butylbenzene	12.999	119	45500	18.760	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	47346	18.176	ug/l	97
85) sec-Butylbenzene	13.176	105	65679	18.696	ug/l	100
86) p-Isopropyltoluene	13.292	119	55352	18.196	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	28867	18.514	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	28072	18.461	ug/l	97
89) n-Butylbenzene	13.615	91	46889	17.560	ug/l	97
90) Hexachloroethane	13.877	117	10462	18.226	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	24185	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1138	15.645	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	12947	18.341	ug/l	93
94) Hexachlorobutadiene	15.023	225	7689	19.861	ug/l	99
95) Naphthalene	15.145	128	22799	18.143	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	11072	18.274	ug/l	97

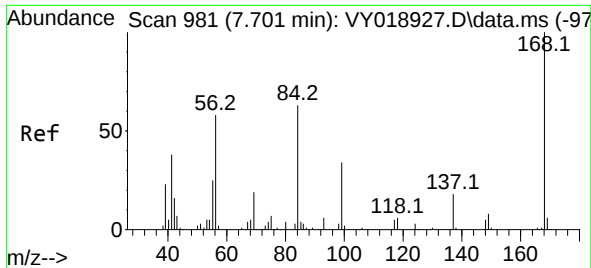
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
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Quant Time: Aug 09 23:24:00 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

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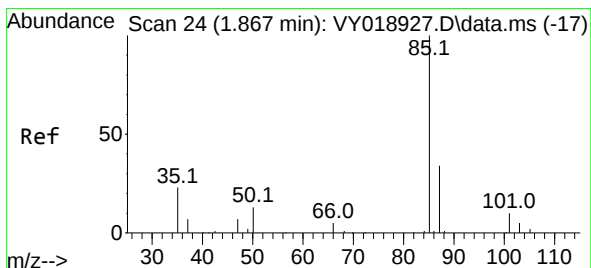
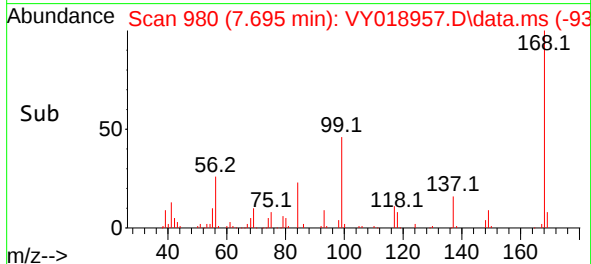
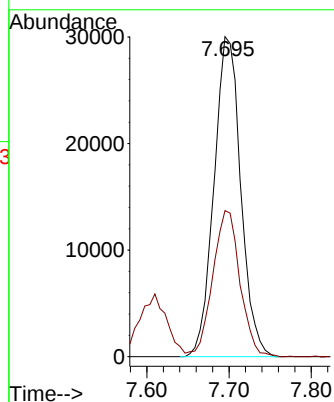
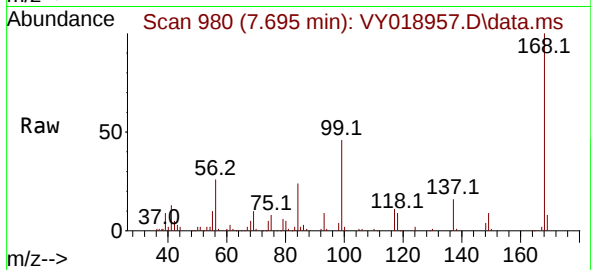
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

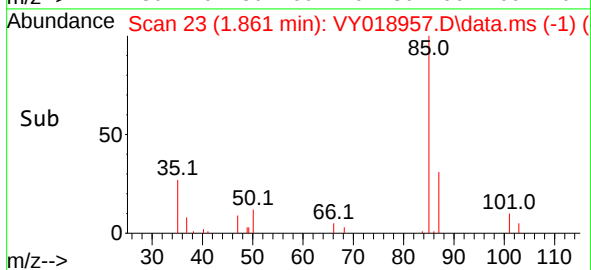
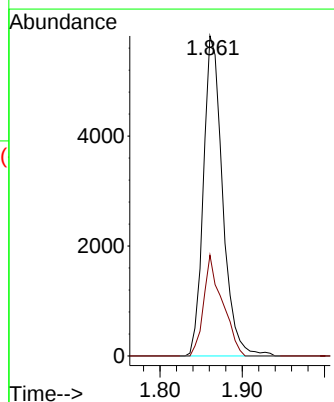
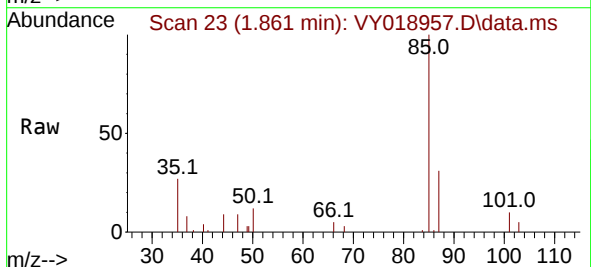
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ClientSampleId :

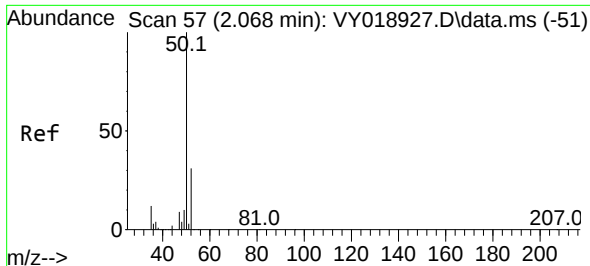
Tgt Ion:168 Resp: 67834
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.210 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

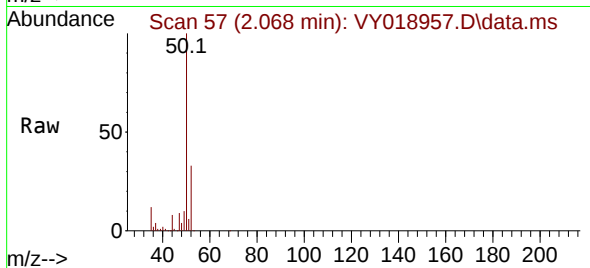
Tgt Ion: 85 Resp: 9423
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0



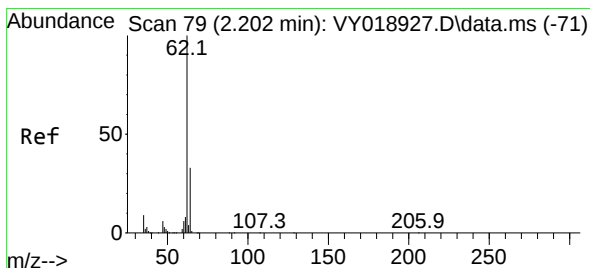
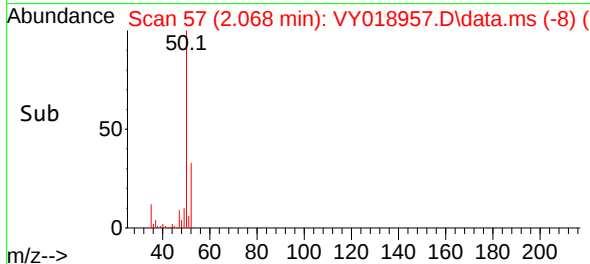
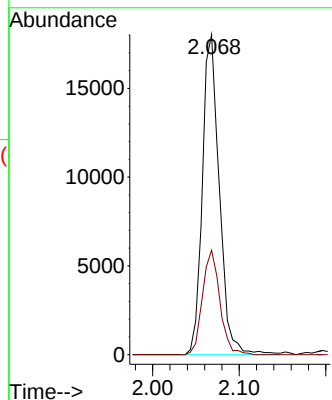


#3
Chloromethane
Concen: 20.273 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Instrument :
MSVOA_Y
ClientSampleId :

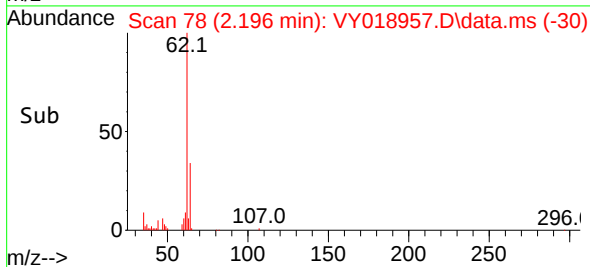
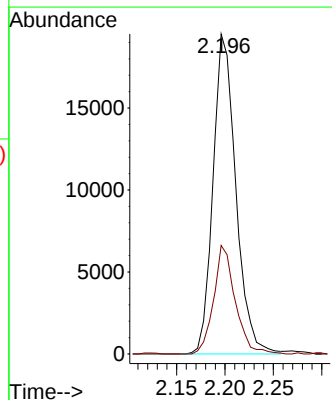
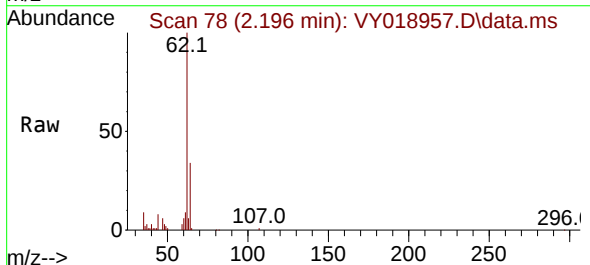


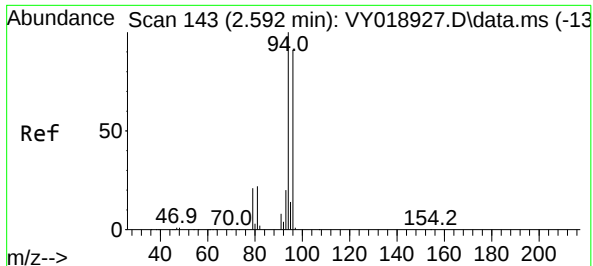
Tgt Ion: 50 Resp: 24541
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 20.470 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 62 Resp: 31985
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

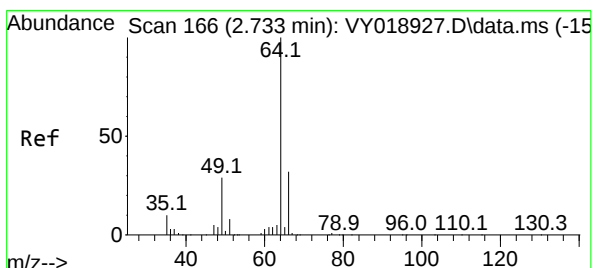
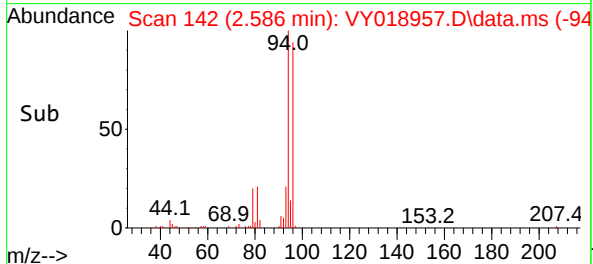
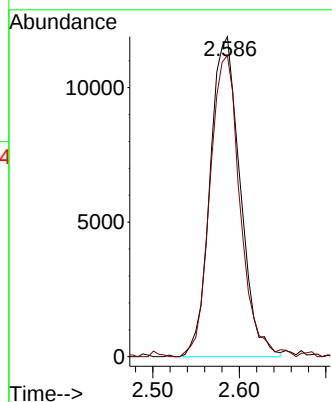
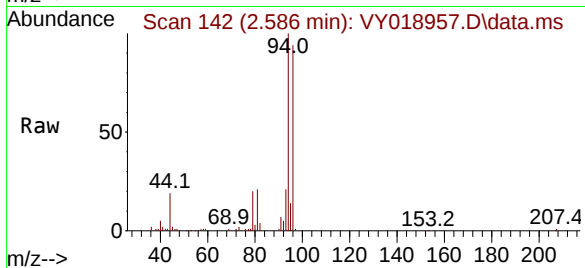




#5
Bromomethane
Concen: 22.956 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

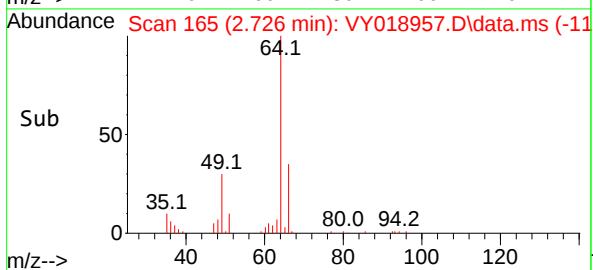
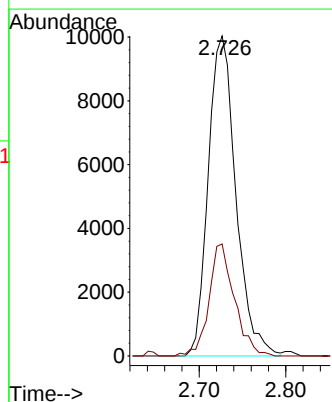
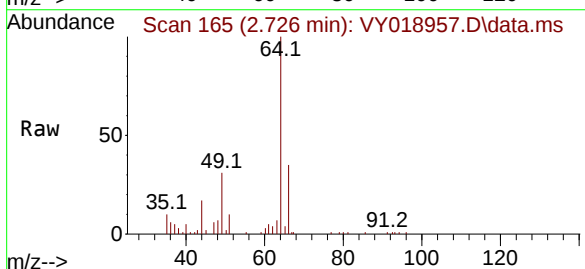
Instrument :
MSVOA_Y
ClientSampleId :

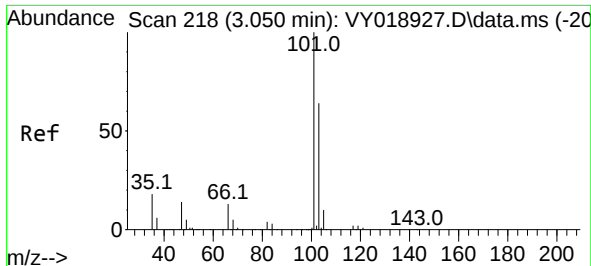
Tgt Ion: 94 Resp: 28618
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 21.203 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 64 Resp: 22279
Ion Ratio Lower Upper
64 100
66 35.0 26.1 39.1

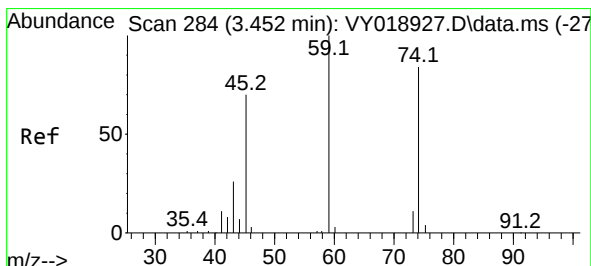
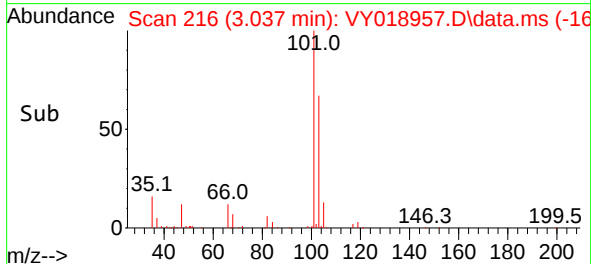
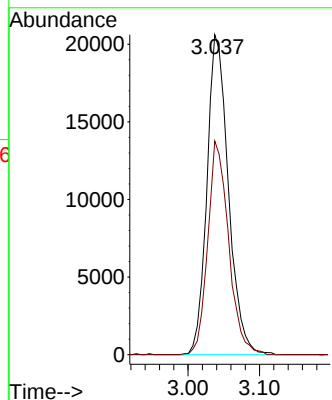
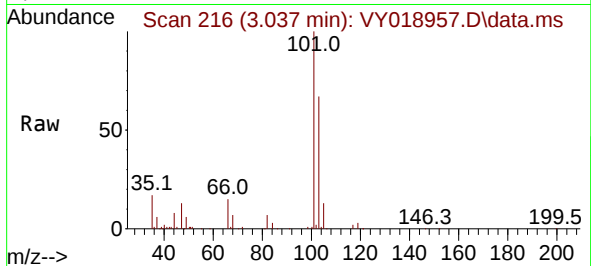




#7
 Trichlorofluoromethane
 Concen: 20.631 ug/l
 RT: 3.037 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

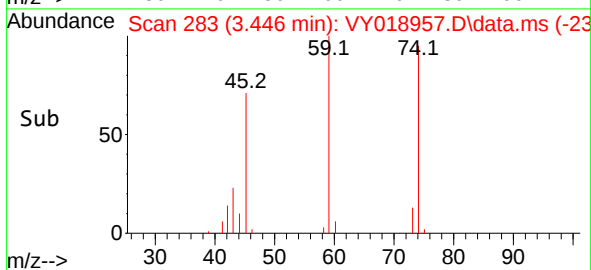
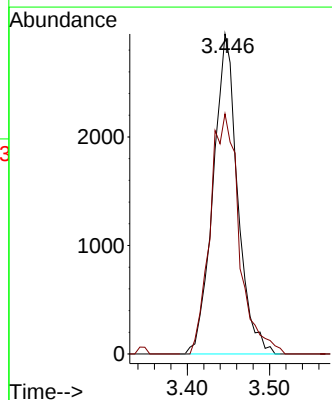
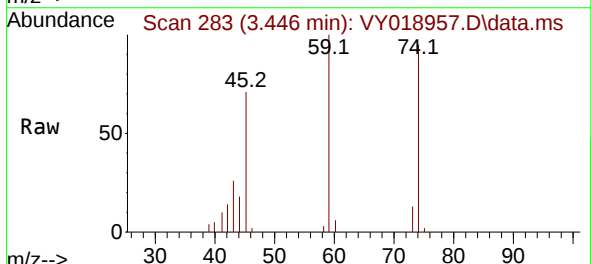
Instrument :
 MSVOA_Y
 ClientSampleId :

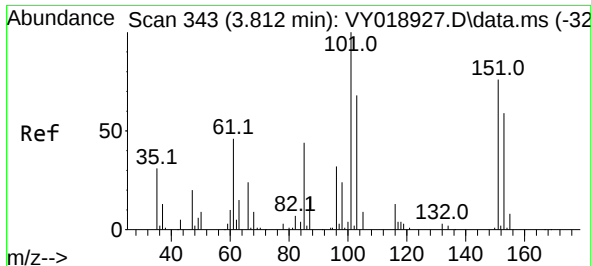
Tgt Ion:101 Resp: 42963
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.996 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

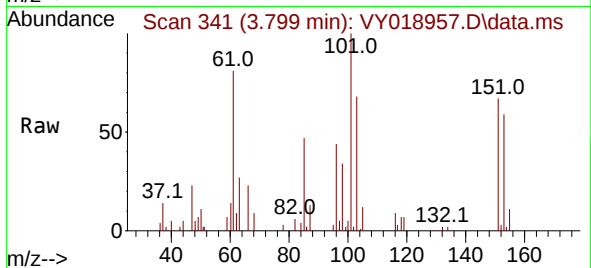
Tgt Ion: 74 Resp: 6098
 Ion Ratio Lower Upper
 74 100
 45 89.4 41.3 124.1



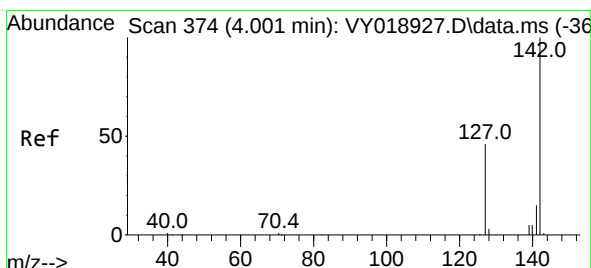
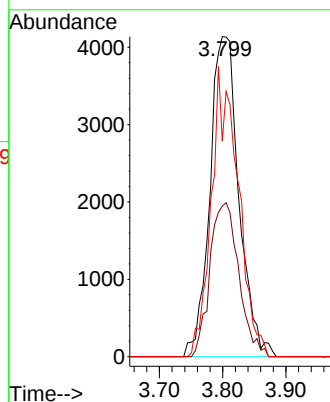
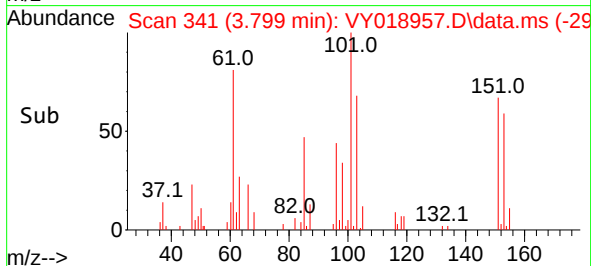


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.293 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

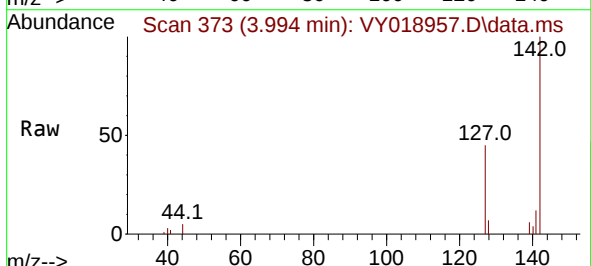
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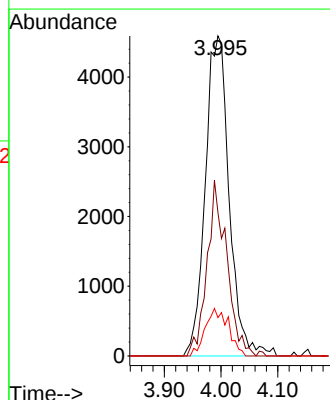
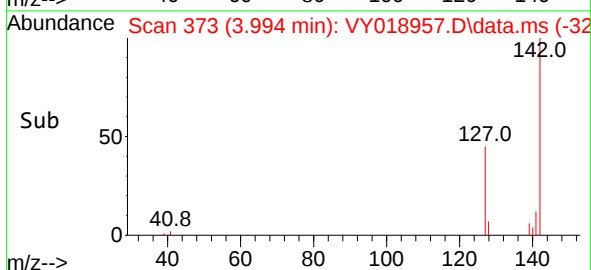
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Ion Ratio Lower Upper
101 100
85 47.7 34.5 51.7
151 83.6 61.7 92.5

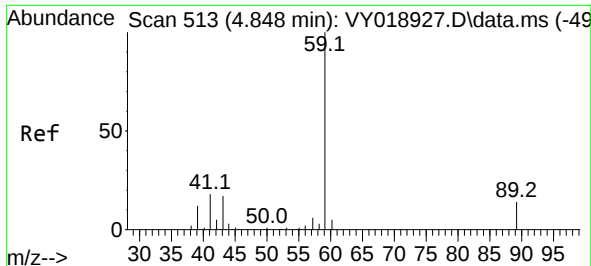


#10
Methyl Iodide
Concen: 19.124 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57



Tgt Ion:142 Resp: 13435
Ion Ratio Lower Upper
142 100
127 45.1 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 75.800 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

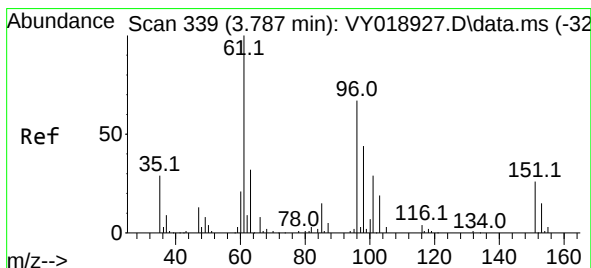
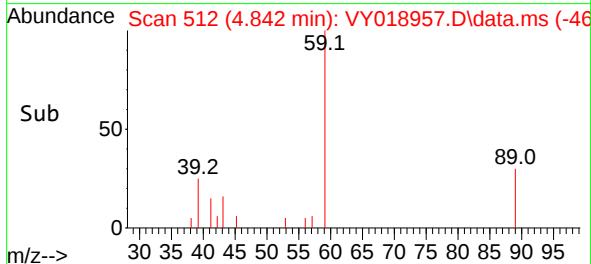
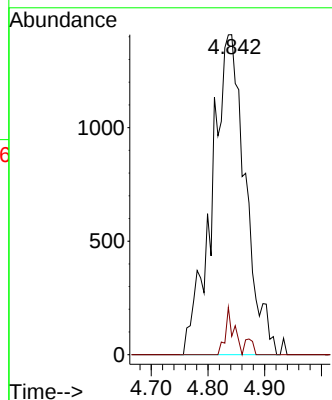
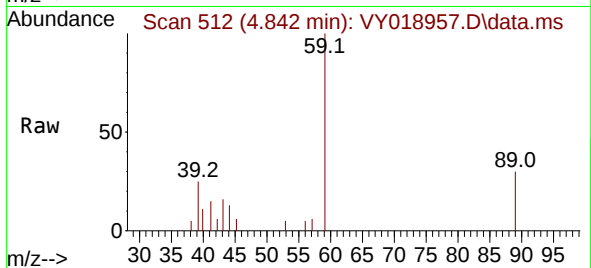
ClientSampleId :

Tgt Ion: 59 Resp: 5780

Ion Ratio Lower Upper

59 100

57 3.7 3.0 4.6



#12

1,1-Dichloroethene

Concen: 19.431 ug/l

RT: 3.775 min Scan# 337

Delta R.T. -0.012 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

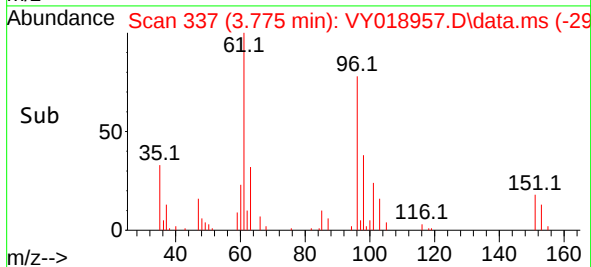
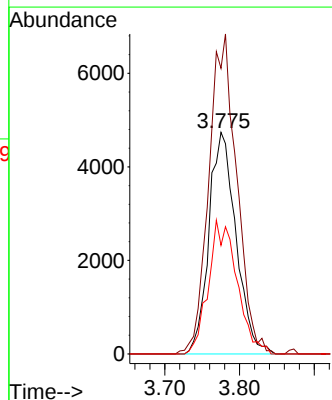
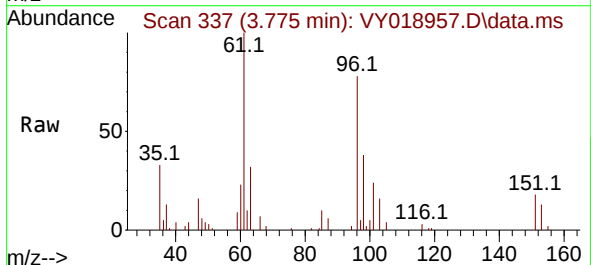
Tgt Ion: 96 Resp: 11943

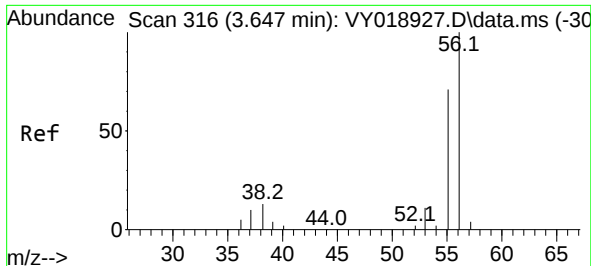
Ion Ratio Lower Upper

96 100

61 128.9 114.6 171.8

98 49.1 50.8 76.2#





#13

Acrolein

Concen: 93.767 ug/l

RT: 3.641 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

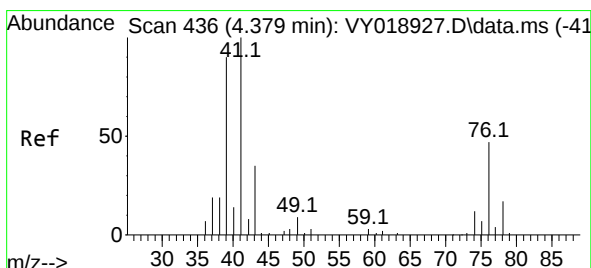
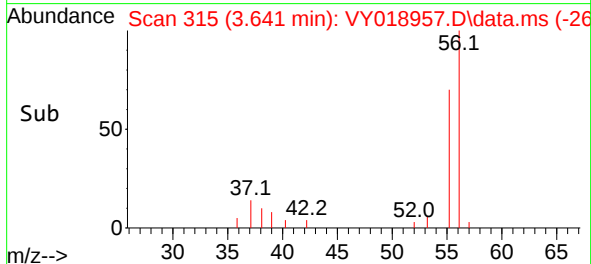
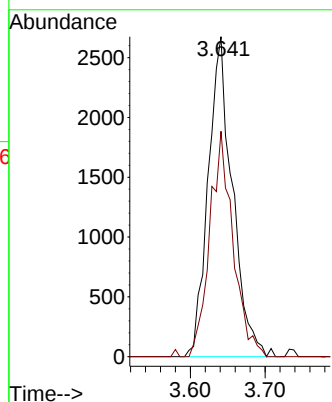
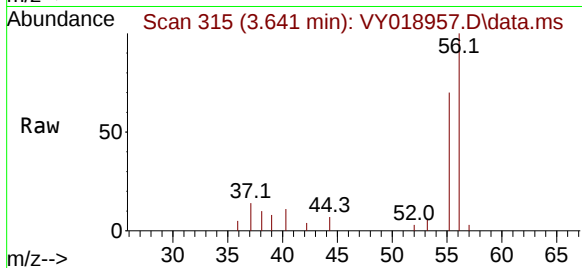
ClientSampleId :

Tgt Ion: 56 Resp: 6027

Ion Ratio Lower Upper

56 100

55 67.5 55.7 83.5



#14

Allyl chloride

Concen: 19.476 ug/l

RT: 4.372 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

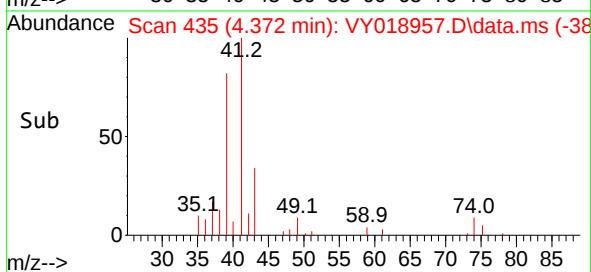
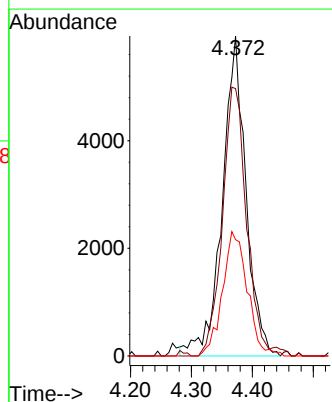
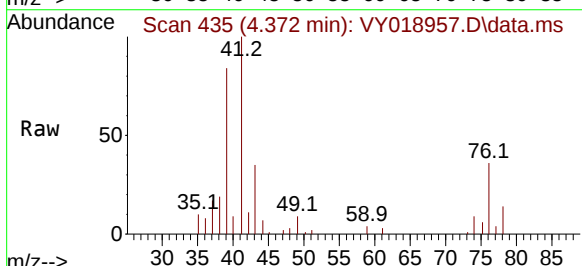
Tgt Ion: 41 Resp: 16010

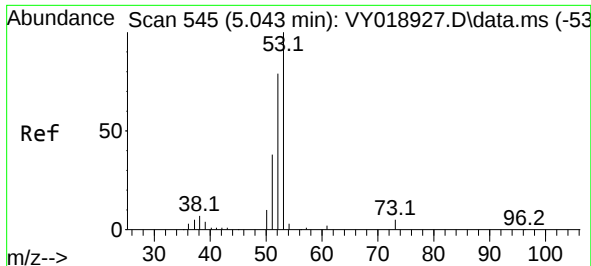
Ion Ratio Lower Upper

41 100

39 86.6 58.3 87.5

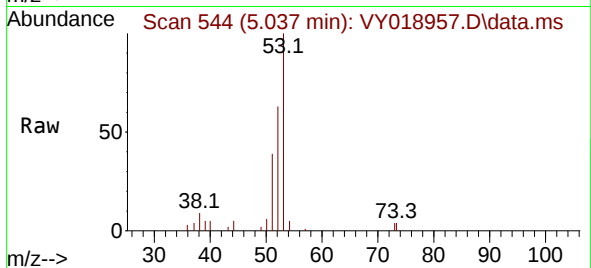
76 41.1 39.0 58.6



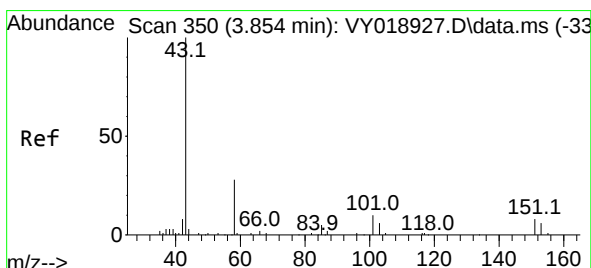
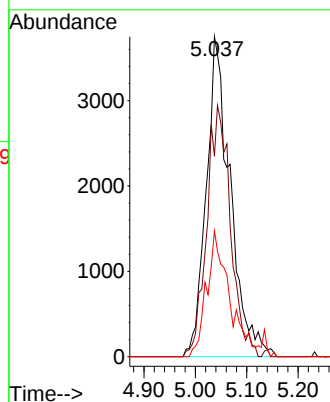
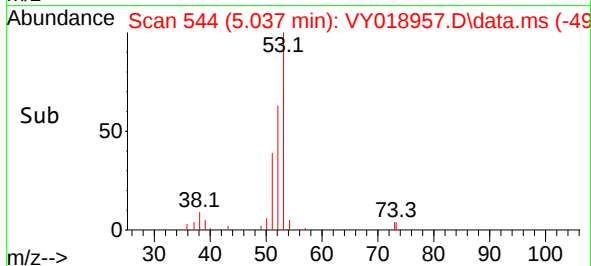


#15
Acrylonitrile
Concen: 96.735 ug/l
RT: 5.037 min Scan# 545
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Instrument :
MSVOA_Y
ClientSampleId :

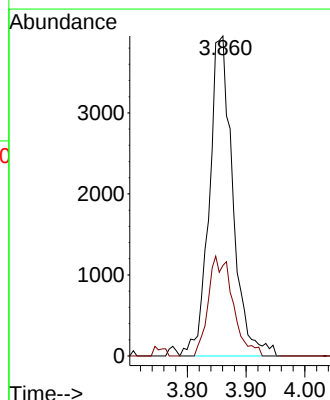
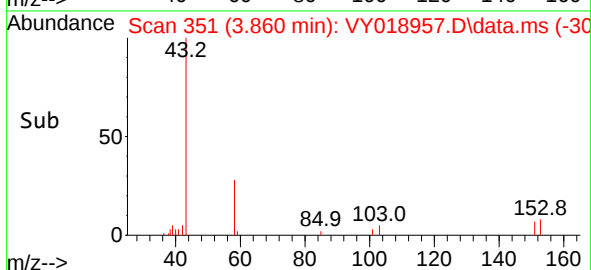
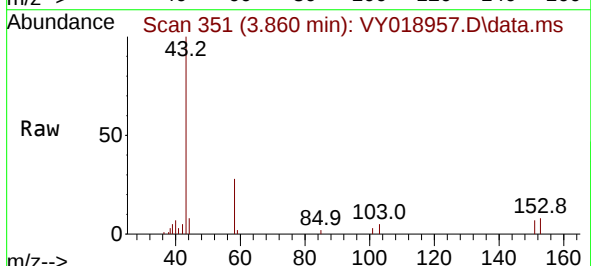


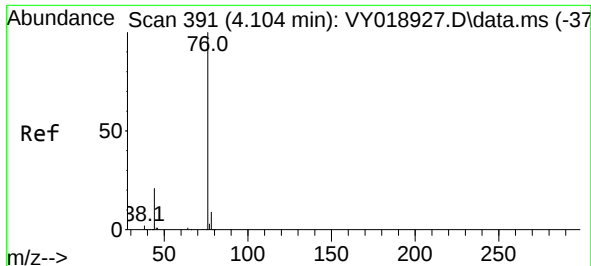
Tgt Ion: 53 Resp: 12174
Ion Ratio Lower Upper
53 100
52 77.2 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 81.346 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 43 Resp: 10997
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#

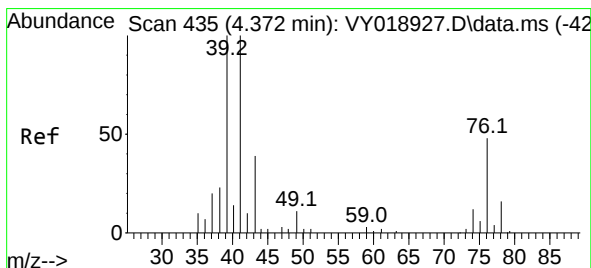
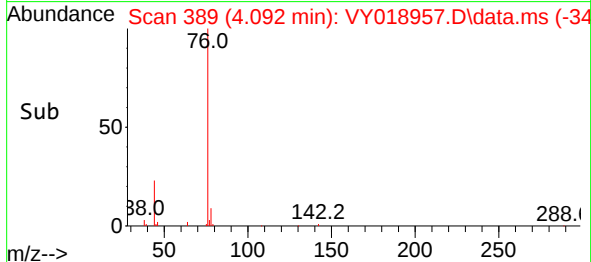
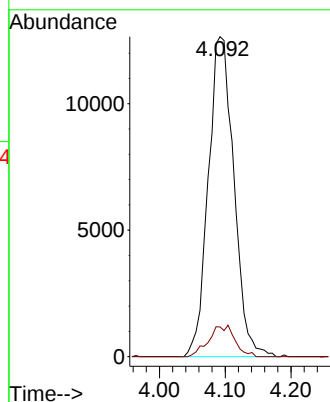
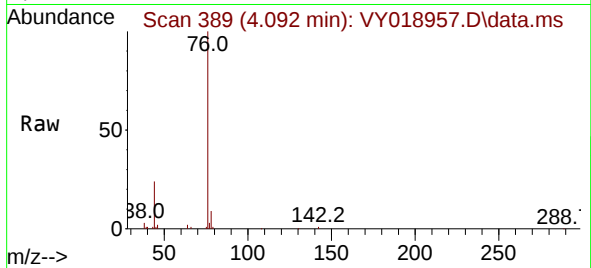




#17
Carbon Disulfide
Concen: 18.770 ug/l
RT: 4.092 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

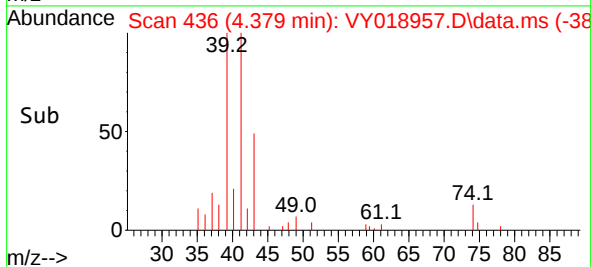
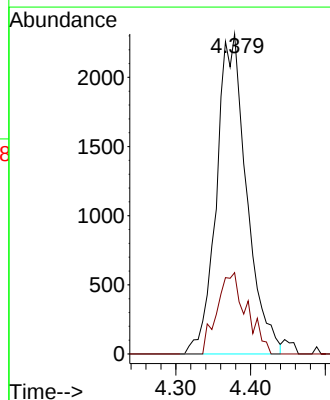
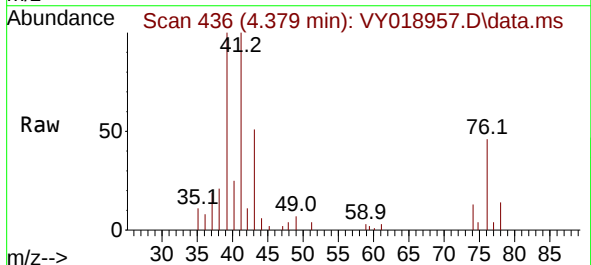
Instrument :
MSVOA_Y
ClientSampleId :

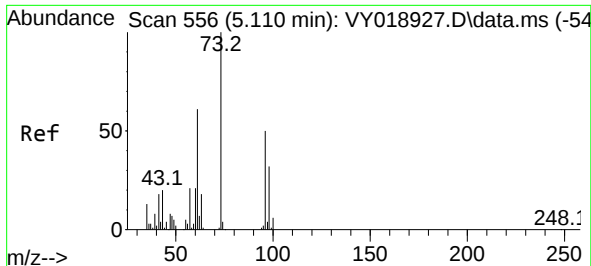
Tgt Ion: 76 Resp: 34295
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 19.567 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 43 Resp: 6477
Ion Ratio Lower Upper
43 100
74 25.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.110 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

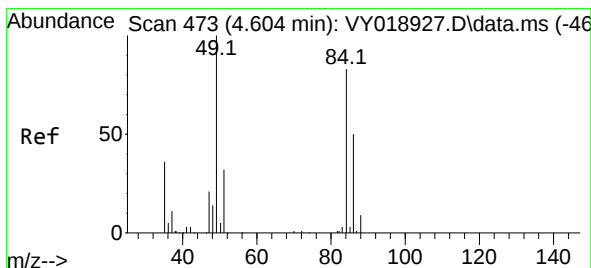
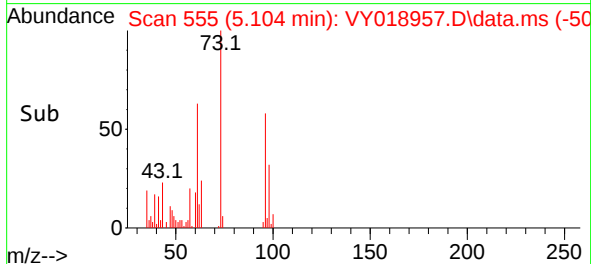
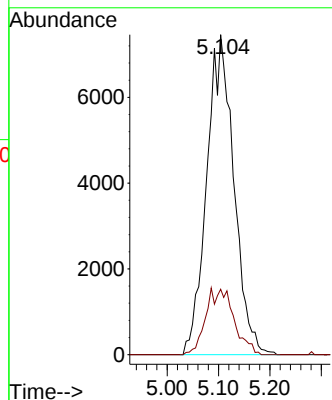
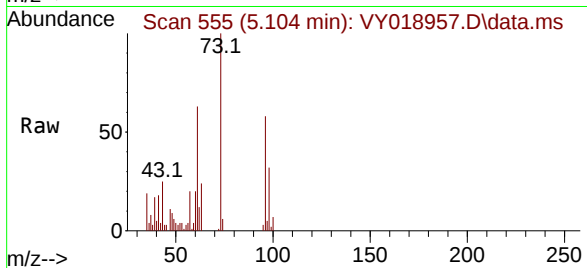
ClientSampleId :

Tgt Ion: 73 Resp: 27379

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 16.921 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Tgt Ion: 84 Resp: 14466

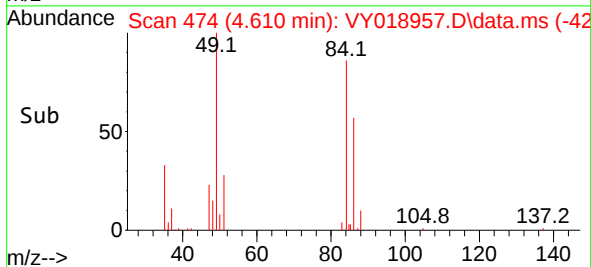
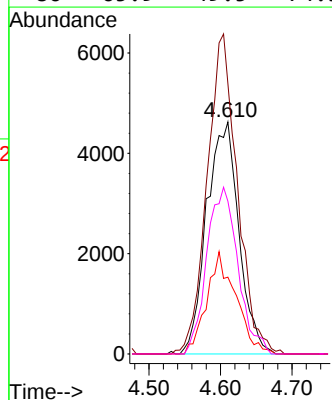
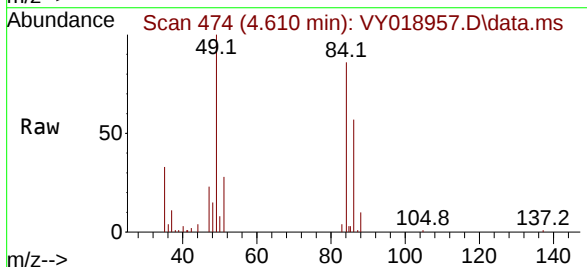
Ion Ratio Lower Upper

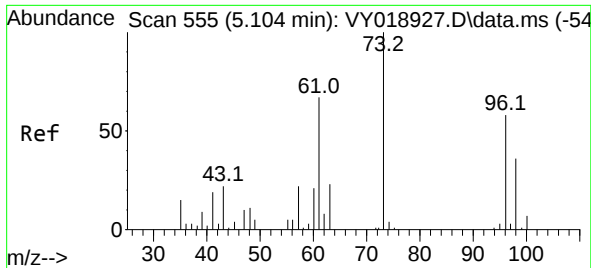
84 100

49 115.0 84.4 126.6

51 33.1 26.0 39.0

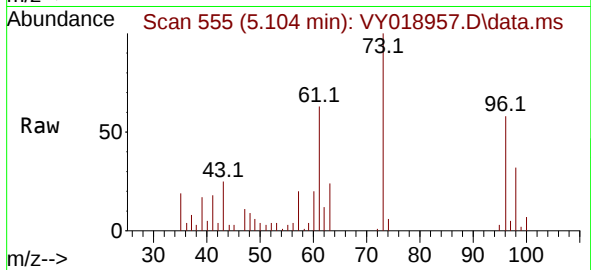
86 65.9 49.5 74.3



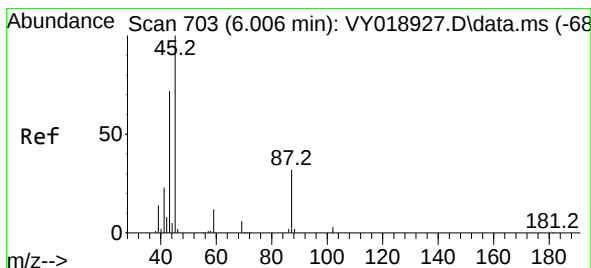
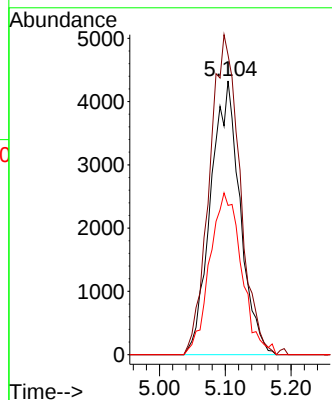
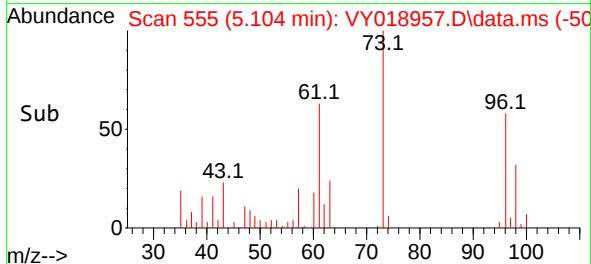


#21
trans-1,2-Dichloroethene
Concen: 19.725 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Instrument :
MSVOA_Y
ClientSampleId :

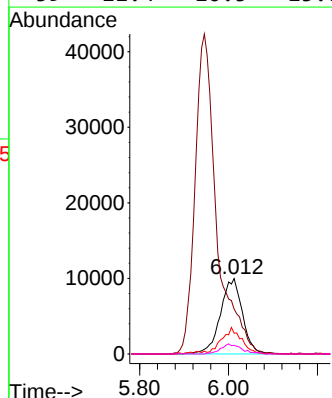
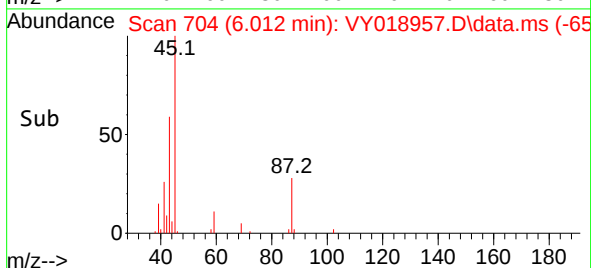
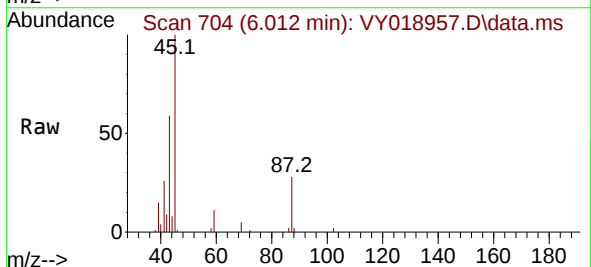


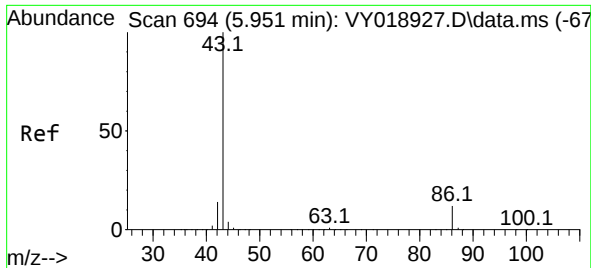
Tgt Ion: 96 Resp: 13414
Ion Ratio Lower Upper
96 100
61 109.5 97.5 146.3
98 54.5 50.5 75.7



#22
Diisopropyl ether
Concen: 19.136 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 45 Resp: 34292
Ion Ratio Lower Upper
45 100
43 58.9 42.2 63.2
87 27.6 25.0 37.6
59 11.4 10.5 15.7

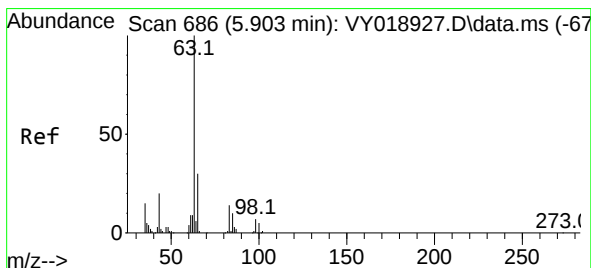
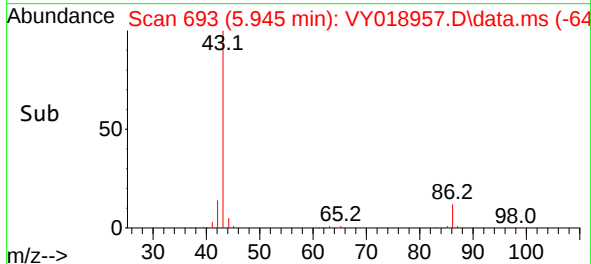
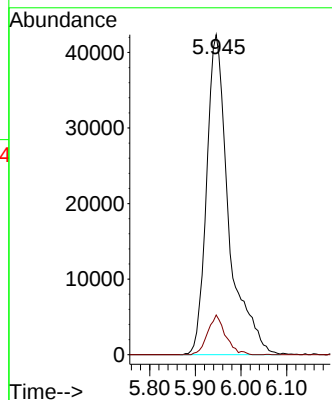
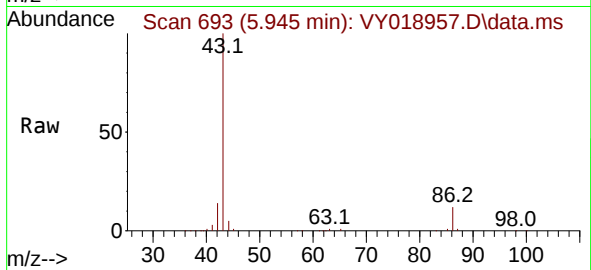




#23
 Vinyl Acetate
 Concen: 92.238 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

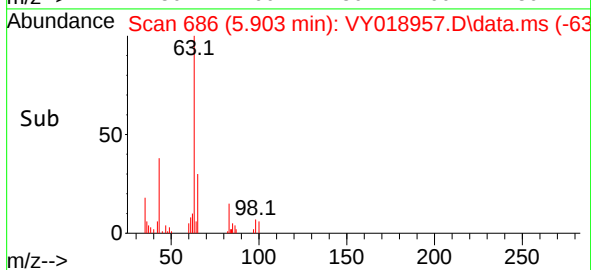
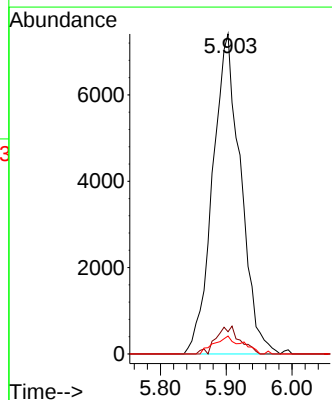
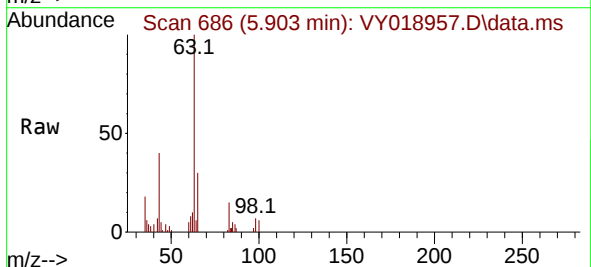
Instrument :
 MSVOA_Y
 ClientSampleId :

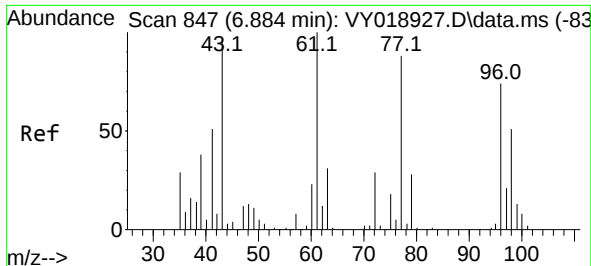
Tgt Ion: 43 Resp: 142653
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.020 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

Tgt Ion: 63 Resp: 22009
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 5.6 2.6 8.0





#25

2-Butanone

Concen: 84.673 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

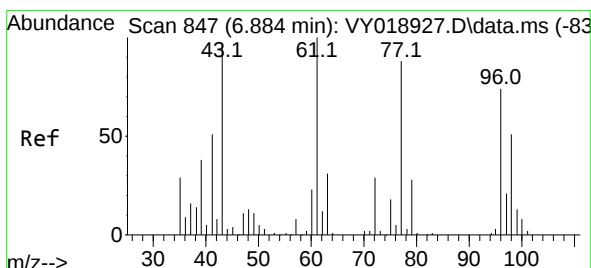
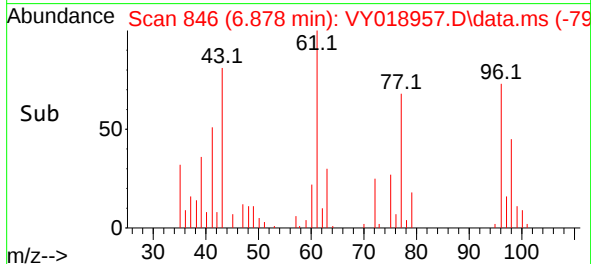
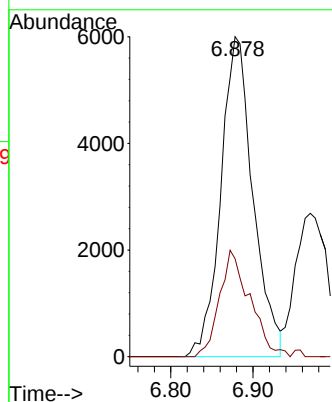
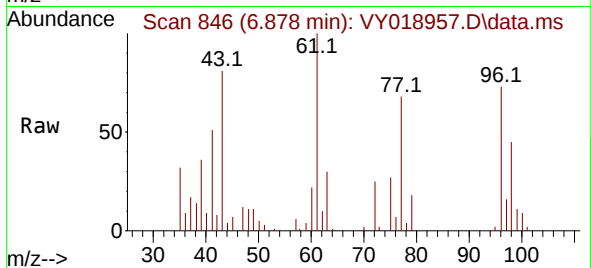
ClientSampleId :

Tgt Ion: 43 Resp: 16328

Ion Ratio Lower Upper

43 100

72 30.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.480 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018957.D

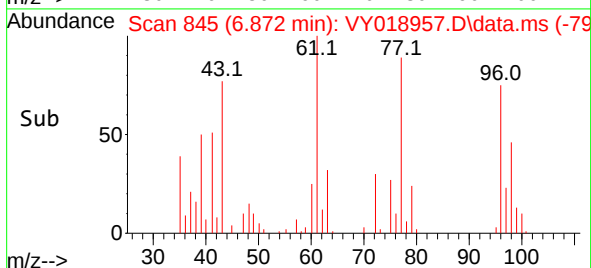
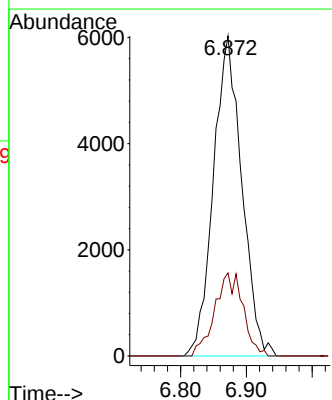
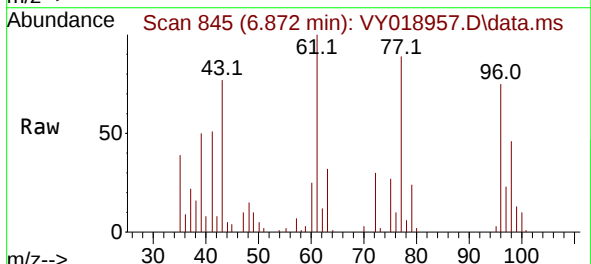
Acq: 09 Aug 2024 10:57

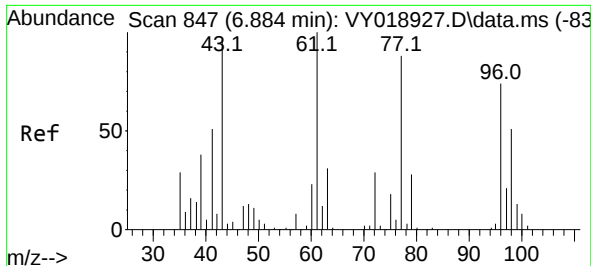
Tgt Ion: 77 Resp: 18087

Ion Ratio Lower Upper

77 100

97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.768 ug/l

RT: 6.878 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

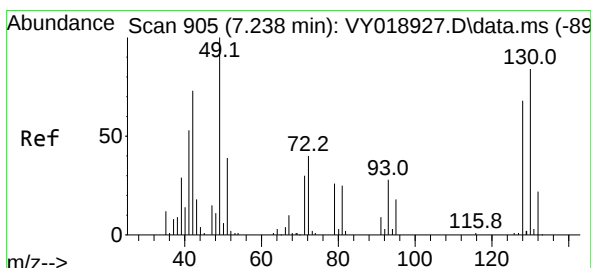
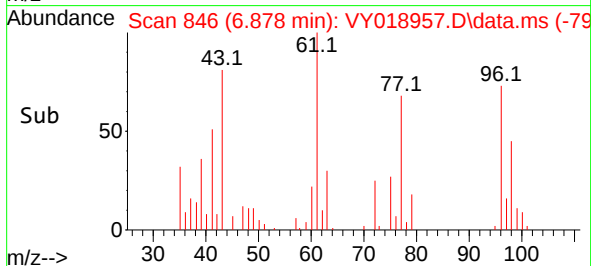
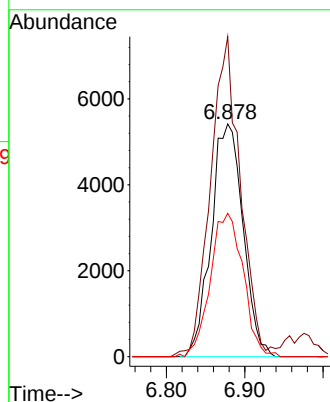
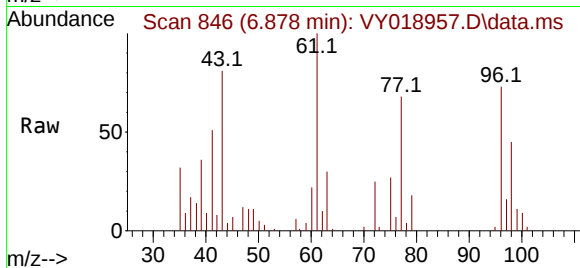
Tgt Ion: 96 Resp: 15271

Ion Ratio Lower Upper

96 100

61 130.0 0.0 256.2

98 63.5 0.0 130.0



#28

Bromochloromethane

Concen: 20.113 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

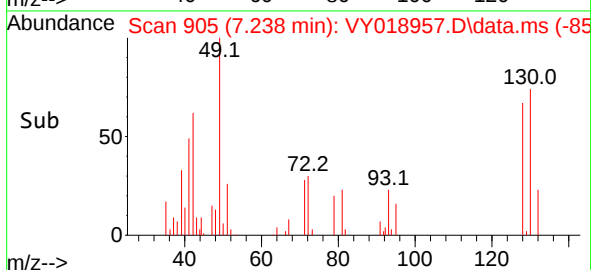
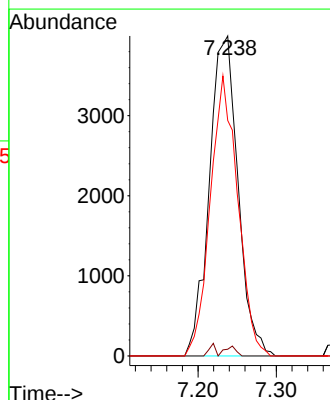
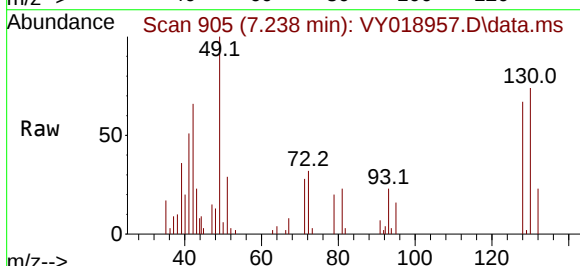
Tgt Ion: 49 Resp: 10180

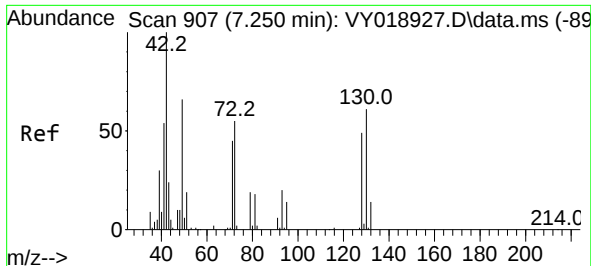
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 83.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 94.797 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

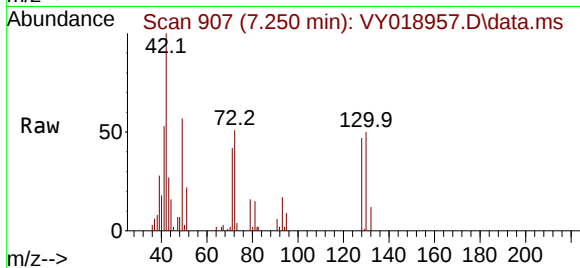
Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :



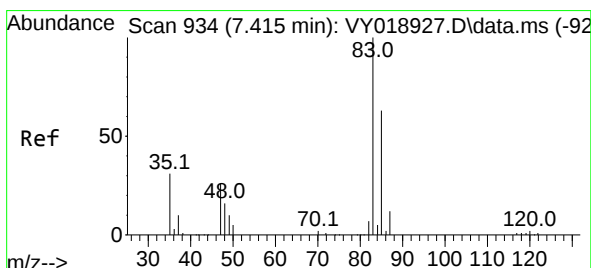
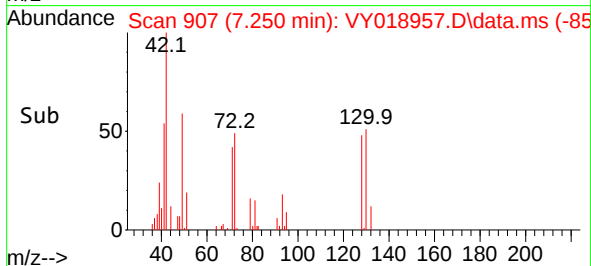
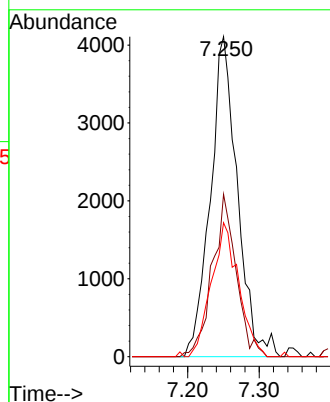
Tgt Ion: 42 Resp: 10779

Ion Ratio Lower Upper

42 100

72 44.8 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 19.725 ug/l

RT: 7.409 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY018957.D

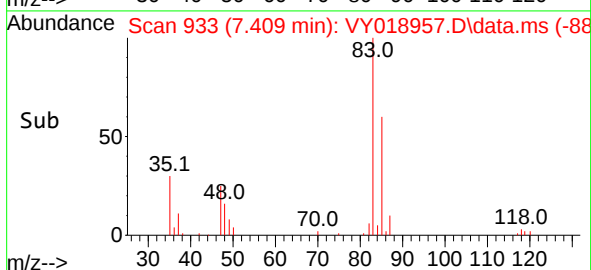
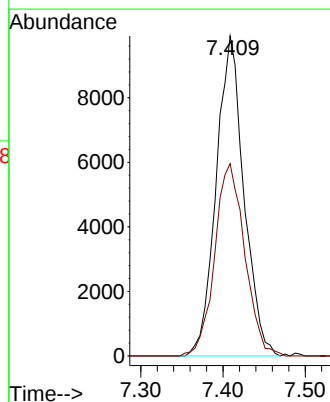
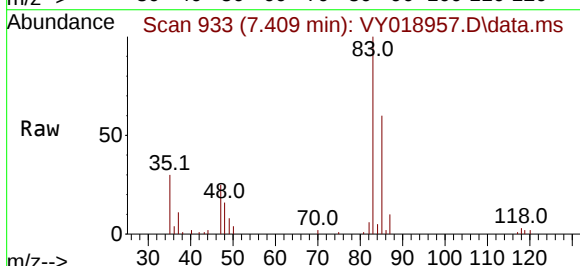
Acq: 09 Aug 2024 10:57

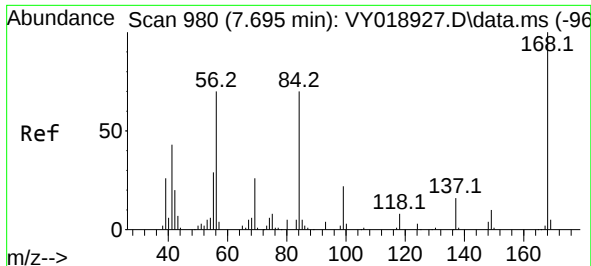
Tgt Ion: 83 Resp: 23197

Ion Ratio Lower Upper

83 100

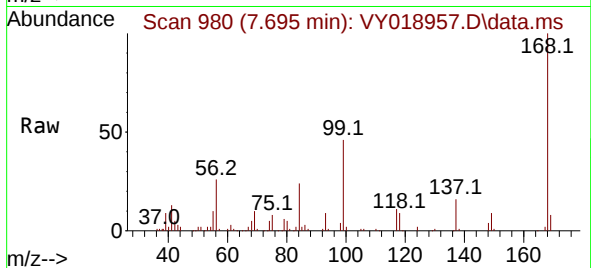
85 60.1 52.2 78.4



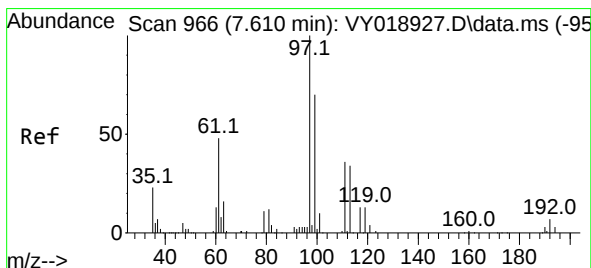
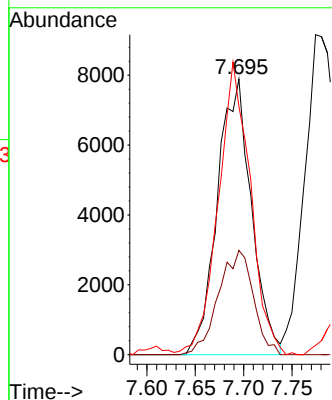
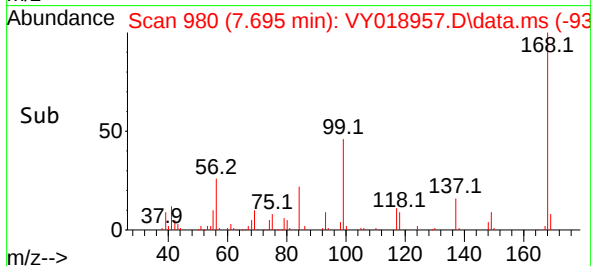


#31
Cyclohexane
Concen: 18.331 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Instrument :
MSVOA_Y
ClientSampleId :

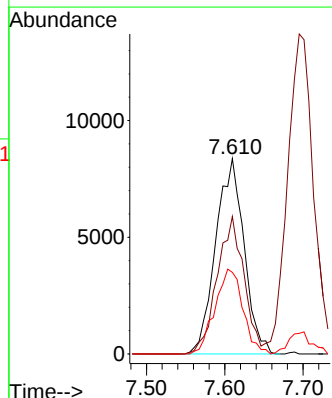
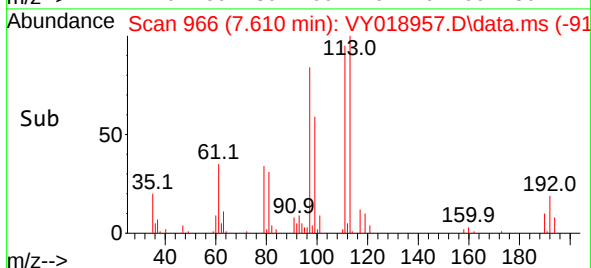
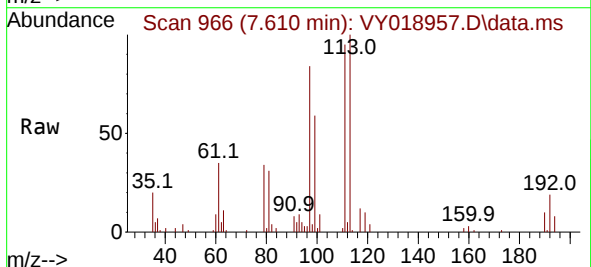


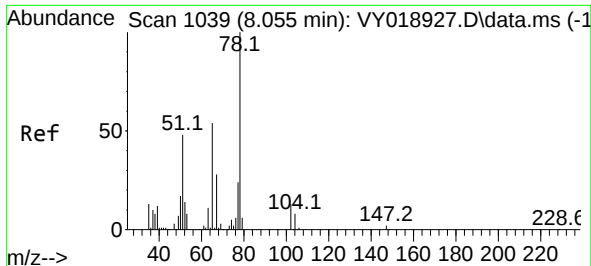
Tgt Ion: 56 Resp: 19302
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 88.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.793 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 97 Resp: 21040
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.513 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

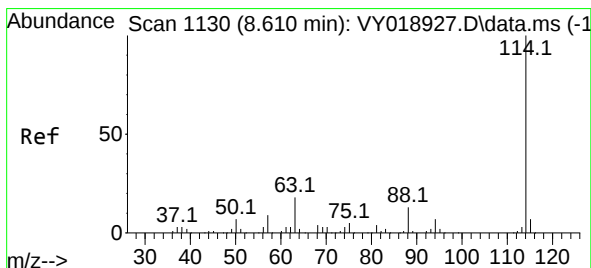
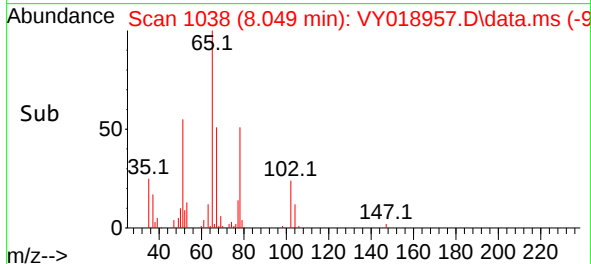
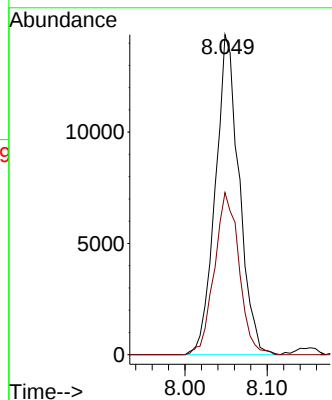
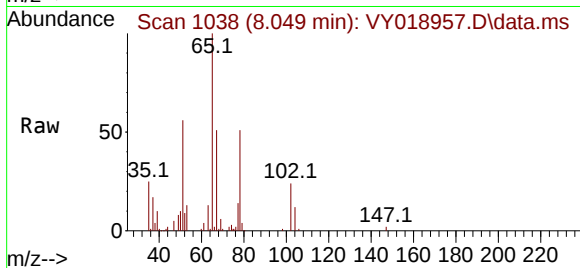
ClientSampleId :

Tgt Ion: 65 Resp: 28893

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

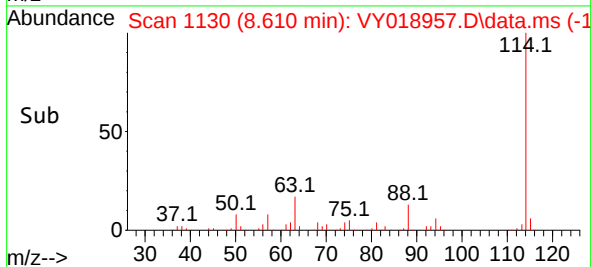
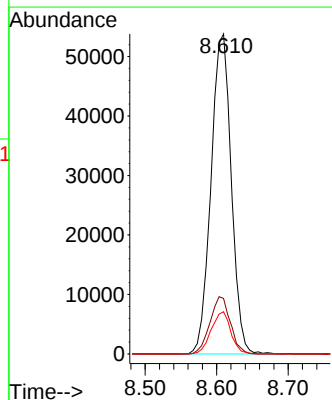
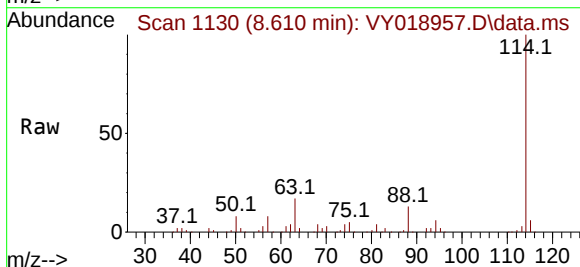
Tgt Ion: 114 Resp: 105793

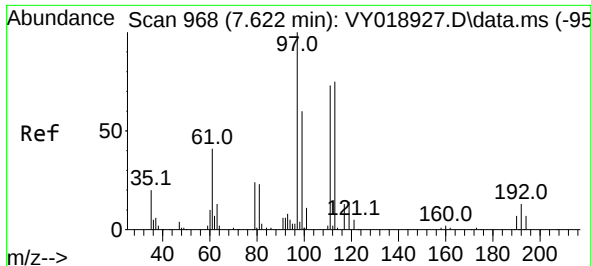
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.622 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

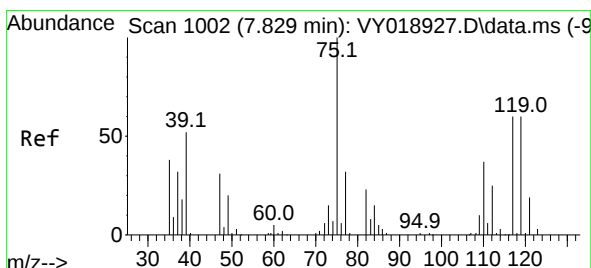
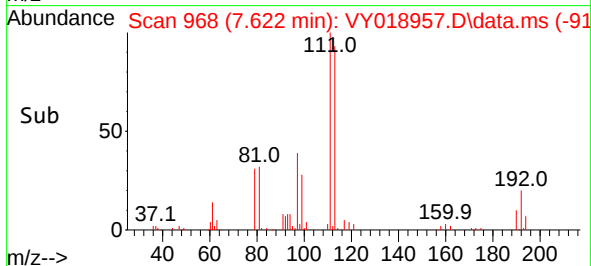
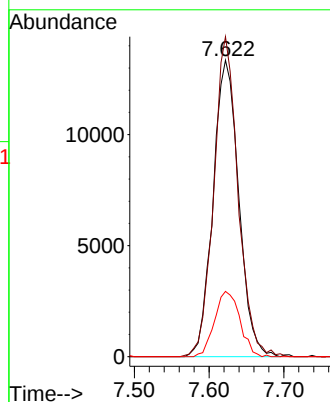
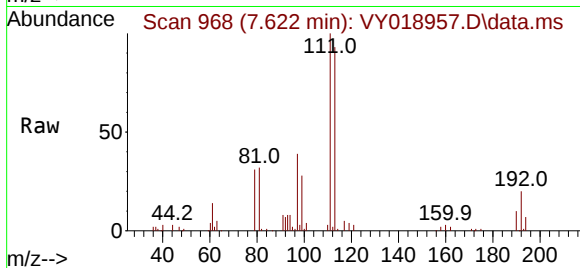
Tgt Ion:113 Resp: 31965

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 21.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.609 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

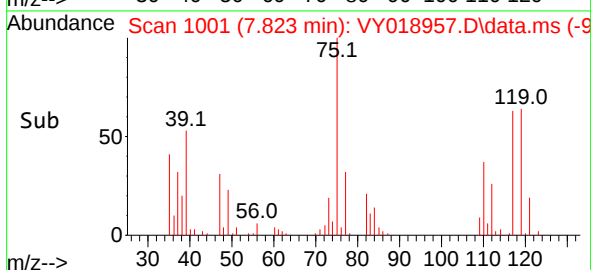
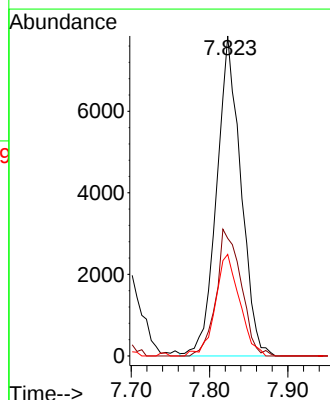
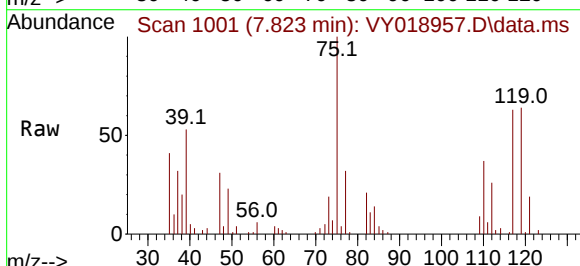
Tgt Ion: 75 Resp: 16879

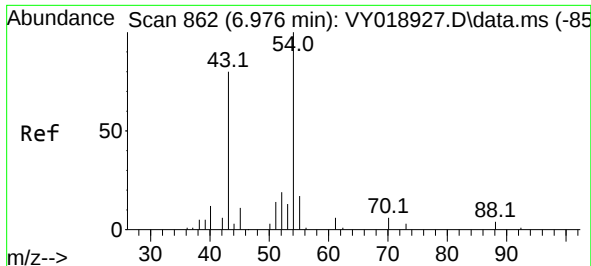
Ion Ratio Lower Upper

75 100

110 40.5 19.0 57.0

77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 18.868 ug/l

RT: 6.970 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

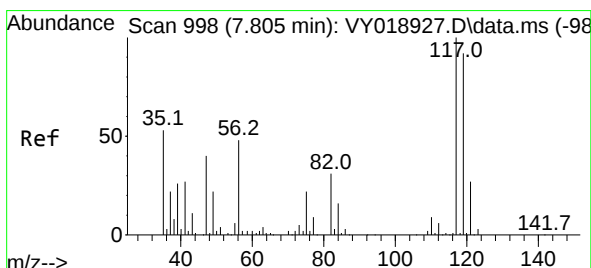
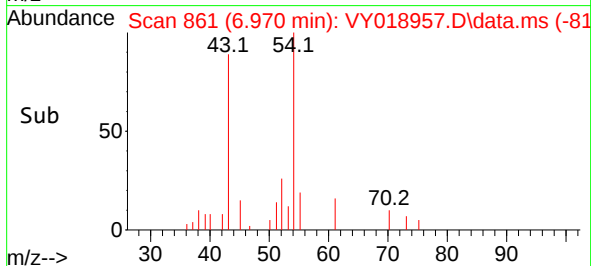
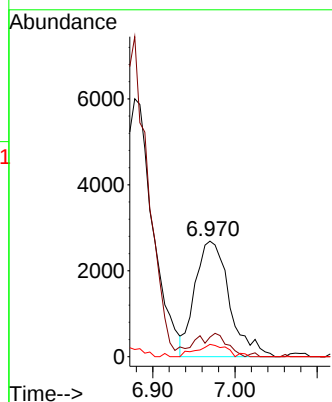
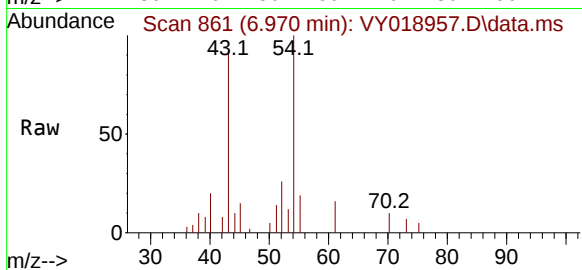
Tgt Ion: 43 Resp: 7822

Ion Ratio Lower Upper

43 100

61 10.5 12.6 19.0#

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.152 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

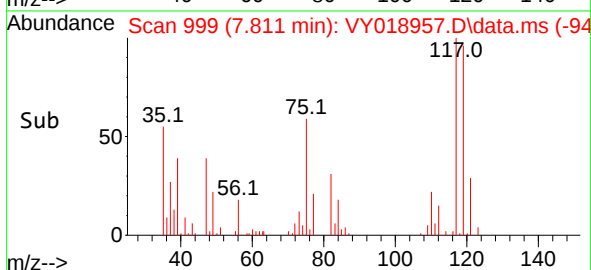
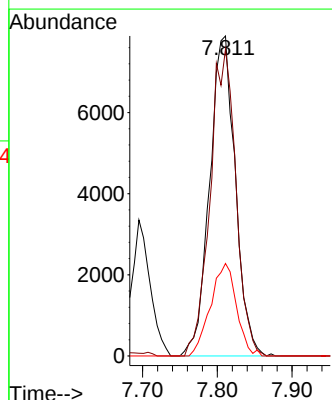
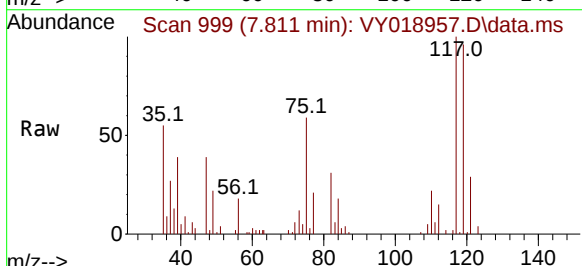
Tgt Ion: 117 Resp: 18877

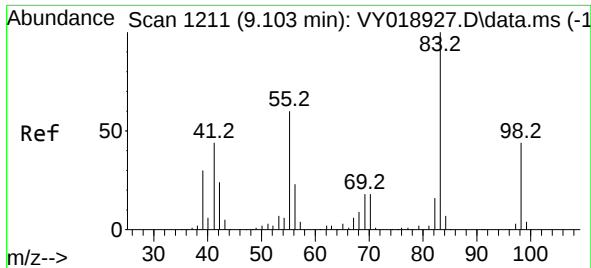
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 28.9 24.0 36.0





#39

Methylcyclohexane

Concen: 17.595 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

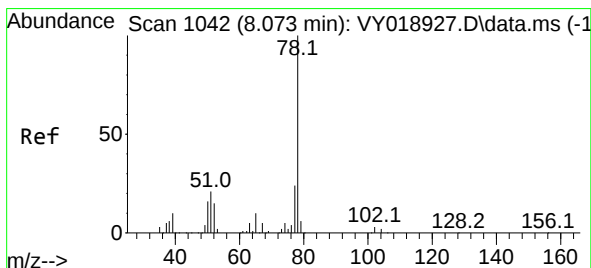
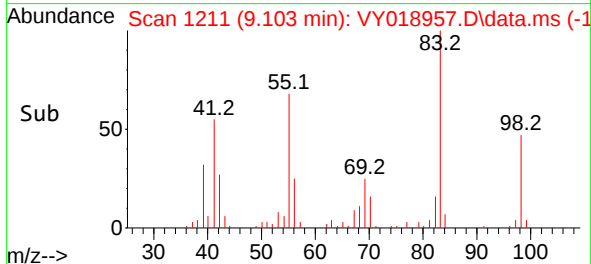
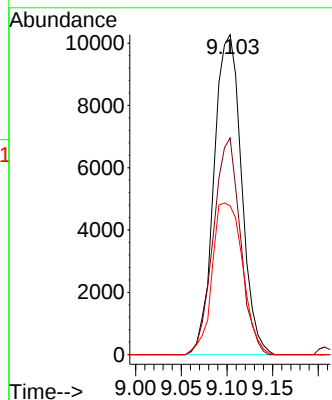
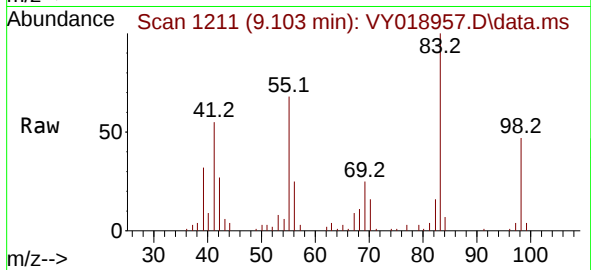
Tgt Ion: 83 Resp: 21481

Ion Ratio Lower Upper

83 100

55 67.7 51.5 77.3

98 46.5 40.5 60.7



#40

Benzene

Concen: 18.461 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY018957.D

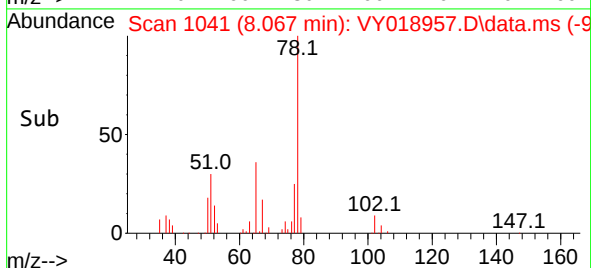
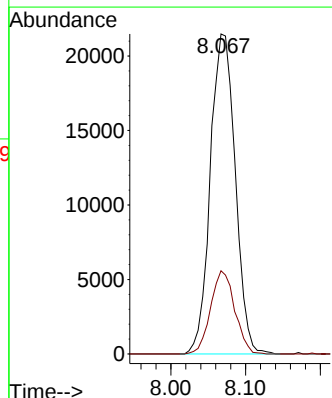
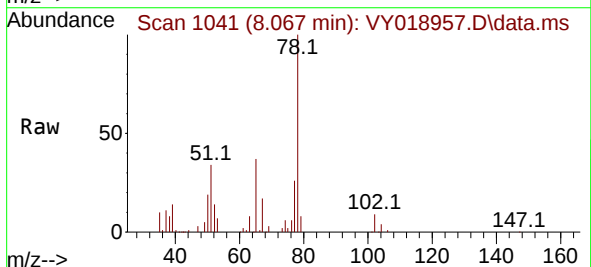
Acq: 09 Aug 2024 10:57

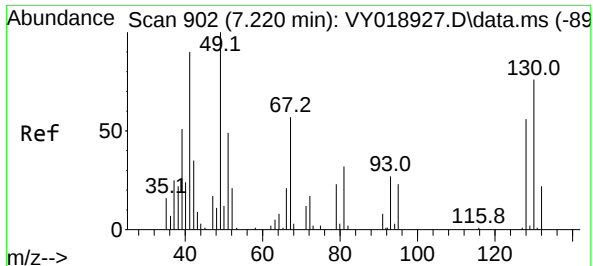
Tgt Ion: 78 Resp: 49785

Ion Ratio Lower Upper

78 100

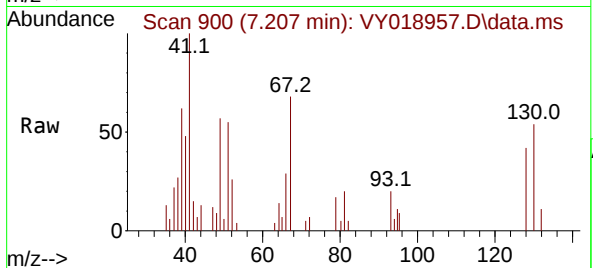
77 26.0 19.5 29.3



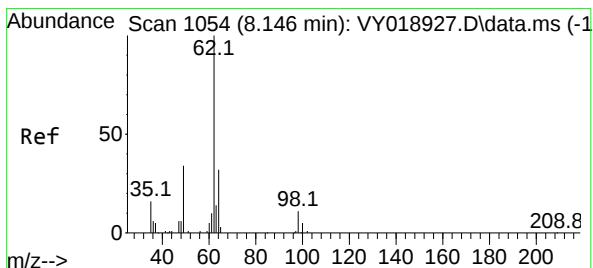
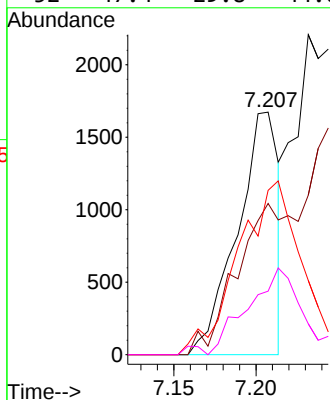
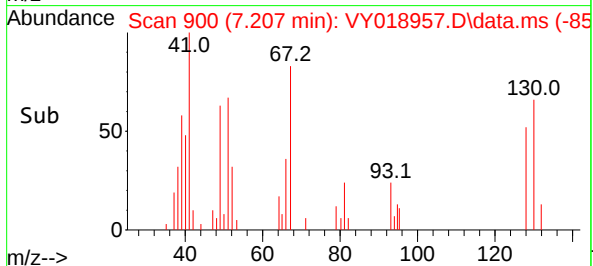


#41
Methacrylonitrile
Concen: 14.334 ug/l
RT: 7.207 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

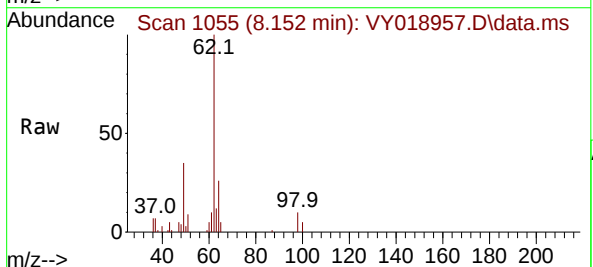
Instrument :
MSVOA_Y
ClientSampleId :



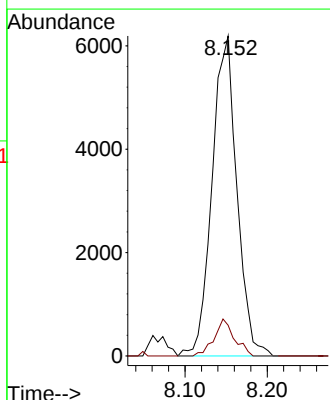
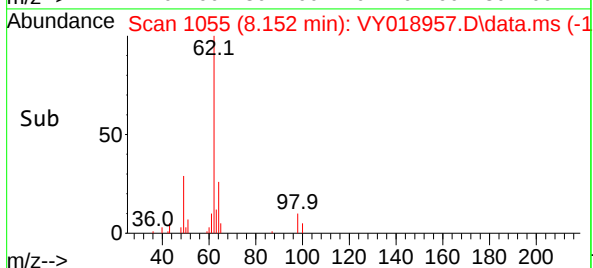
Tgt Ion:	41	Resp:	2929
Ion	Ratio	Lower	Upper
41	100		
39	89.0	48.0	72.0#
67	112.6	75.1	112.7
52	47.4	29.8	44.6#

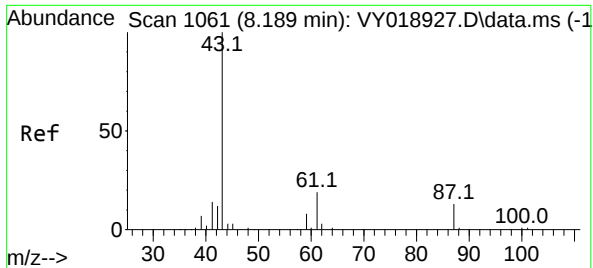


#42
1,2-Dichloroethane
Concen: 19.362 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57



Tgt Ion:	62	Resp:	12999
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0

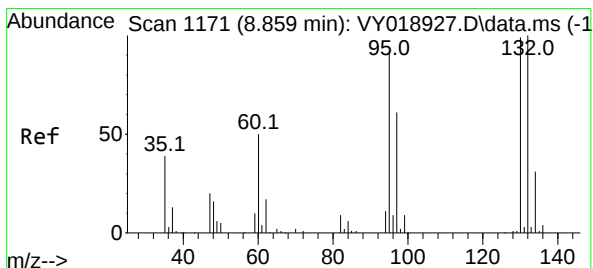
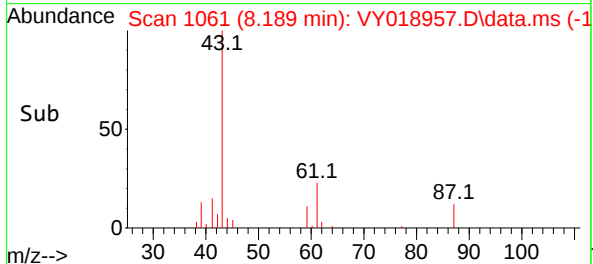
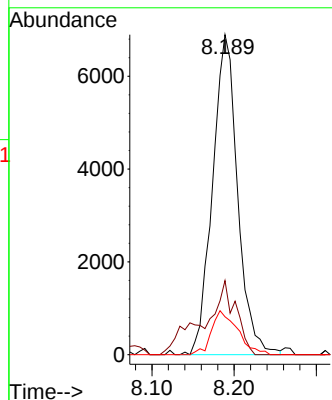
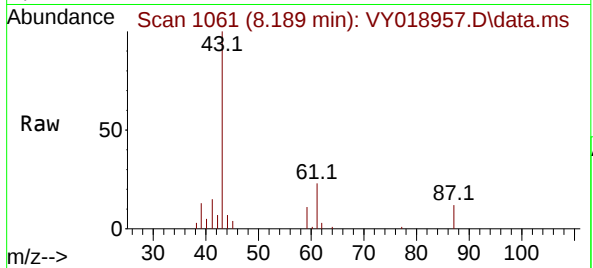




#43
Isopropyl Acetate
Concen: 17.359 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

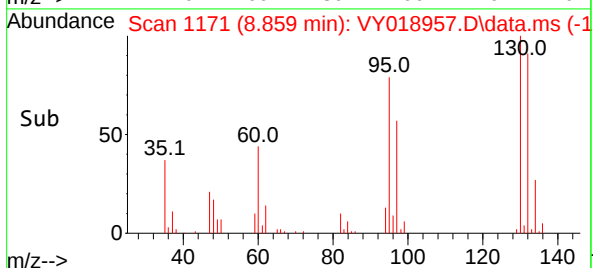
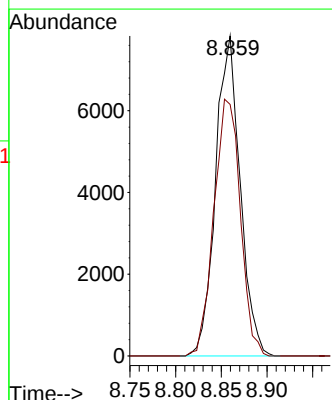
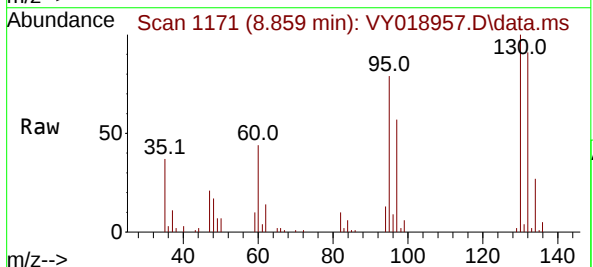
Instrument :
MSVOA_Y
ClientSampleId :

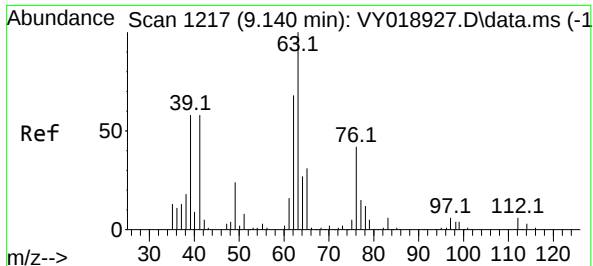
Tgt Ion: 43 Resp: 14636
Ion Ratio Lower Upper
43 100
61 19.3 27.9 41.9#
87 14.3 13.1 19.7



#44
Trichloroethene
Concen: 19.075 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion:130 Resp: 14663
Ion Ratio Lower Upper
130 100
95 78.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.021 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

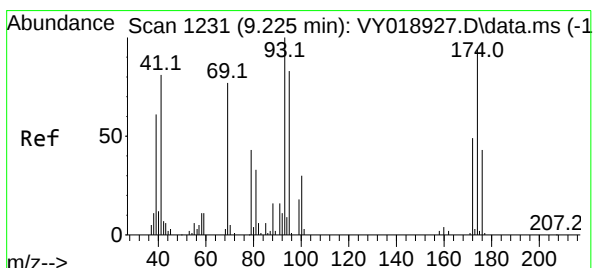
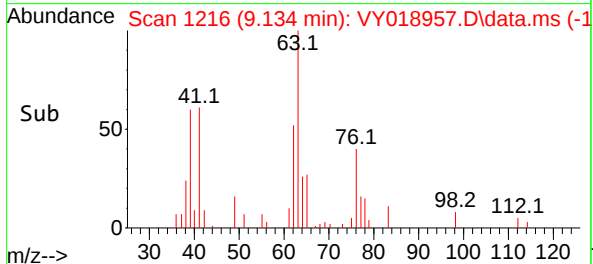
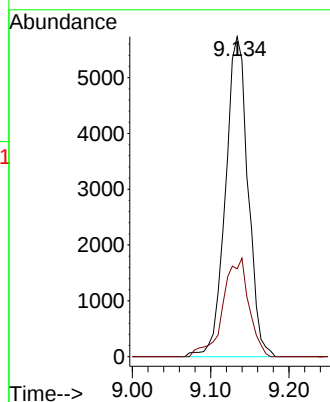
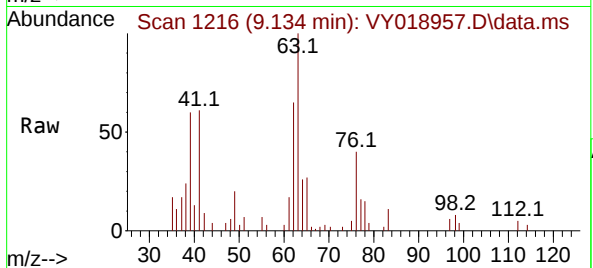
ClientSampleId :

Tgt Ion: 63 Resp: 11478

Ion Ratio Lower Upper

63 100

65 27.5 25.4 38.2



#46

Dibromomethane

Concen: 20.587 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

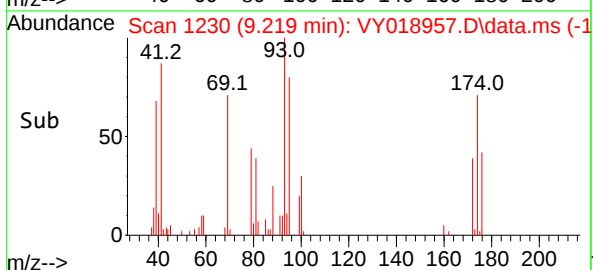
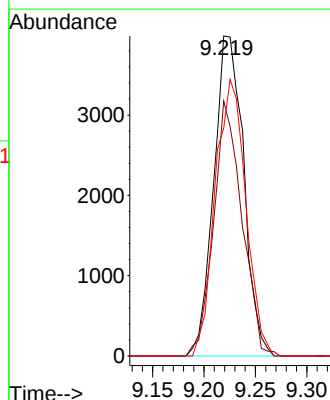
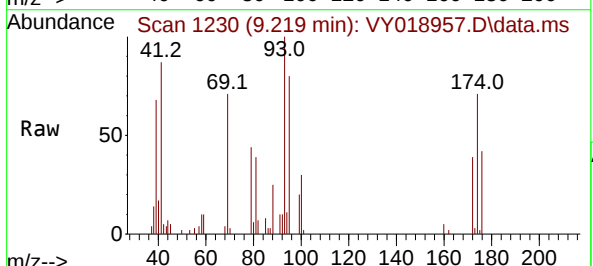
Tgt Ion: 93 Resp: 8027

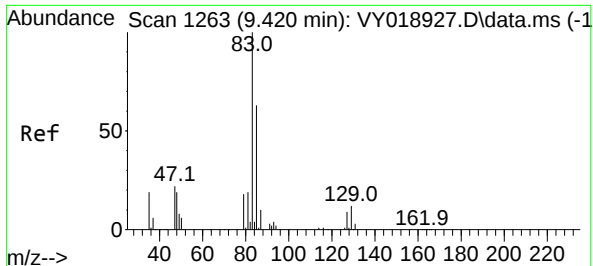
Ion Ratio Lower Upper

93 100

95 75.8 66.2 99.4

174 88.6 80.9 121.3





#47

Bromodichloromethane

Concen: 19.264 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

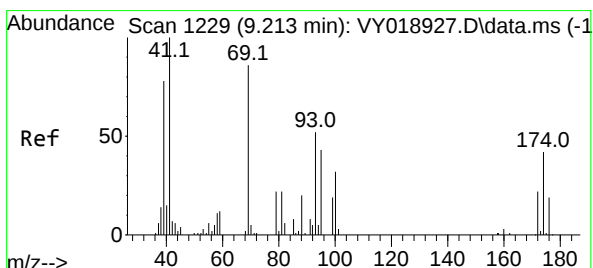
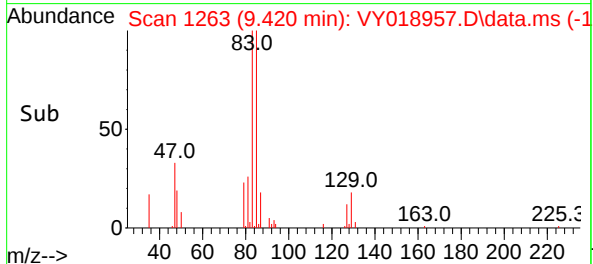
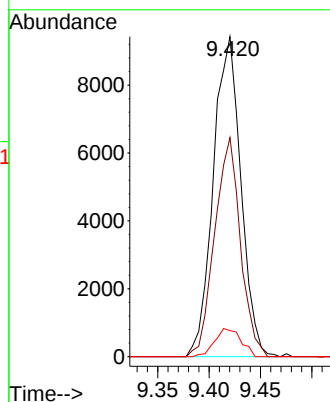
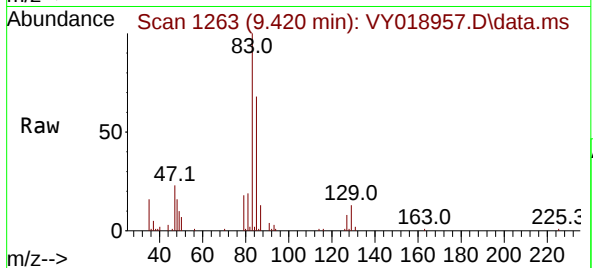
Tgt Ion: 83 Resp: 17577

Ion Ratio Lower Upper

83 100

85 68.4 50.1 75.1

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 17.501 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

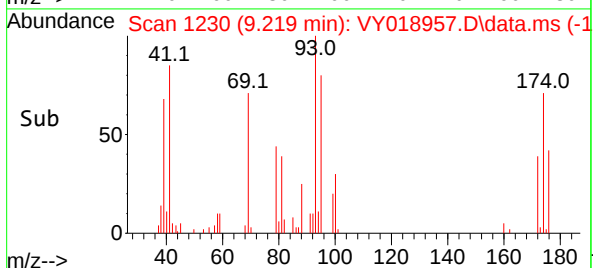
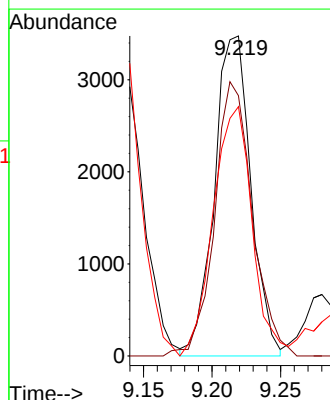
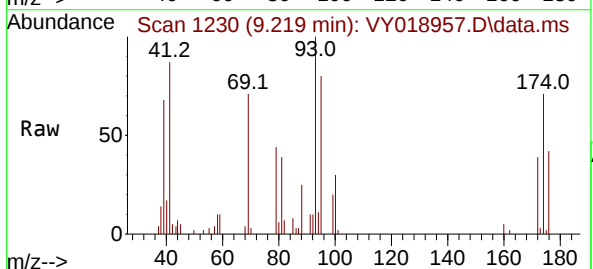
Tgt Ion: 41 Resp: 6446

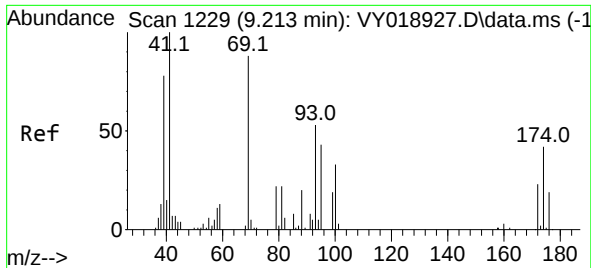
Ion Ratio Lower Upper

41 100

69 88.5 84.1 126.1

39 82.9 43.6 65.4#

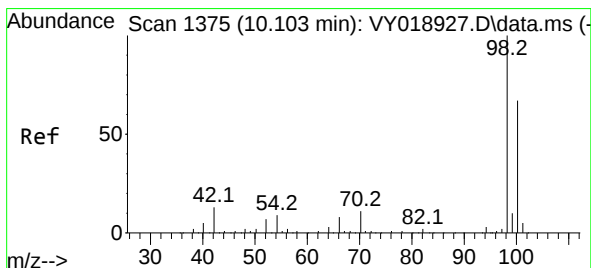
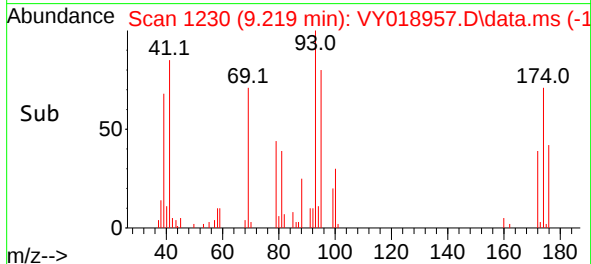
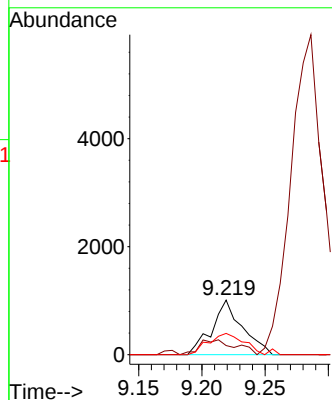
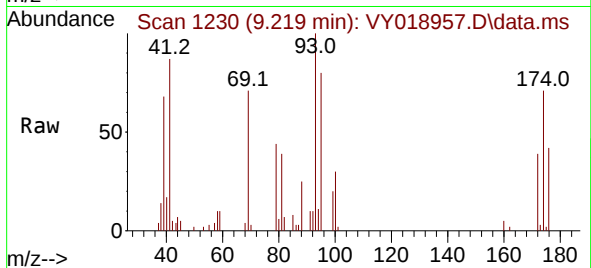




#49
1,4-Dioxane
Concen: 365.794 ug/l
RT: 9.219 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

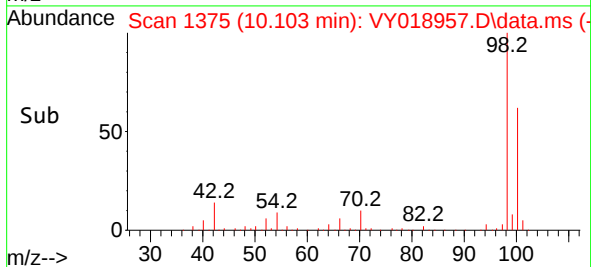
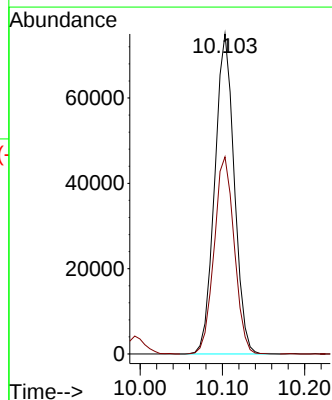
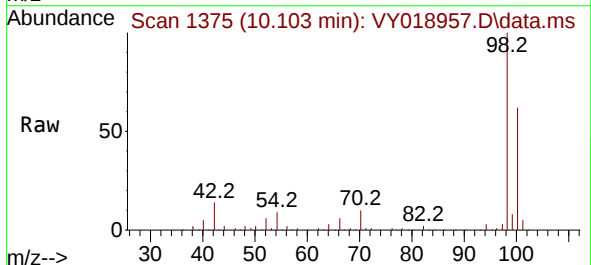
Instrument :
MSVOA_Y
ClientSampleId :

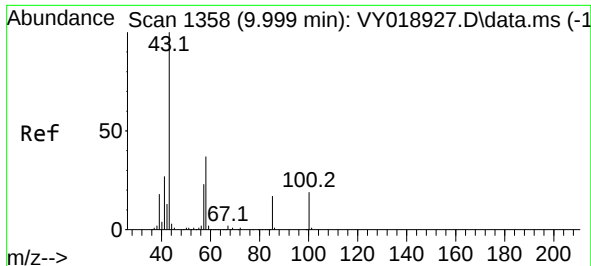
Tgt Ion: 88 Resp: 1685
Ion Ratio Lower Upper
88 100
43 32.6 0.0 0.0#
58 45.5 49.3 73.9#



#50
Toluene-d8
Concen: 47.622 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 98 Resp: 123596
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 88.827 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

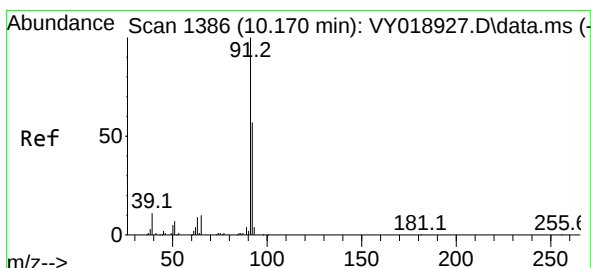
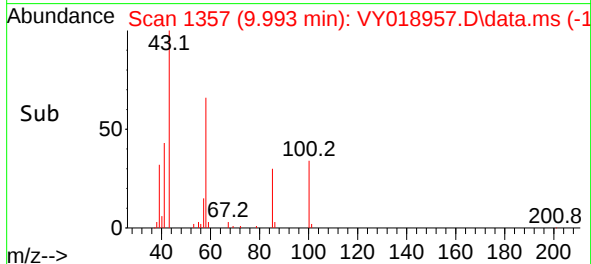
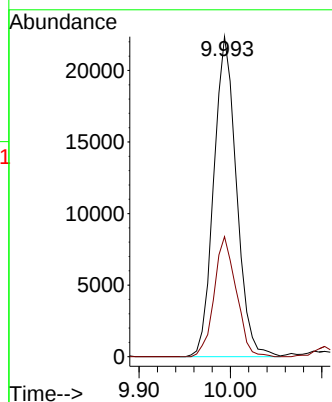
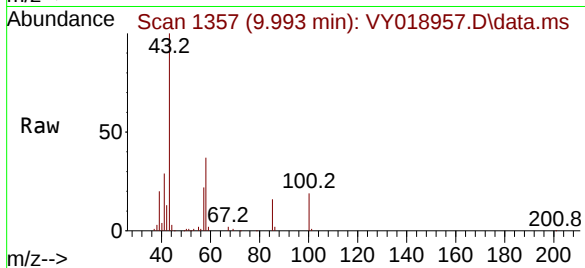
ClientSampleId :

Tgt Ion: 43 Resp: 38624

Ion Ratio Lower Upper

43 100

58 36.4 35.7 53.5



#52

Toluene

Concen: 18.217 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY018957.D

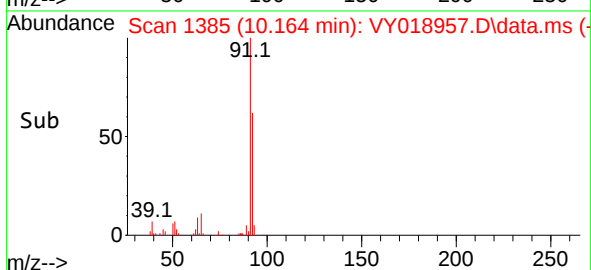
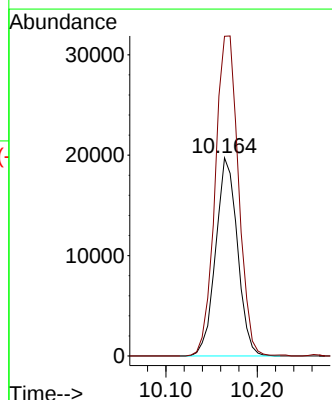
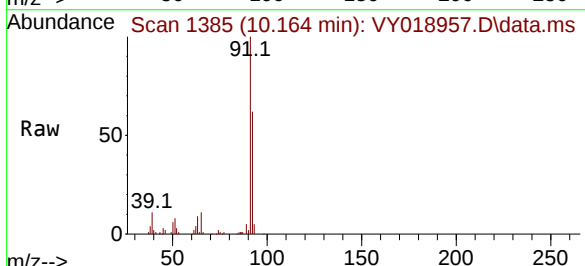
Acq: 09 Aug 2024 10:57

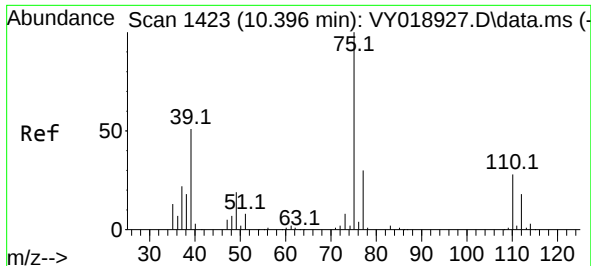
Tgt Ion: 92 Resp: 32633

Ion Ratio Lower Upper

92 100

91 173.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 17.960 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

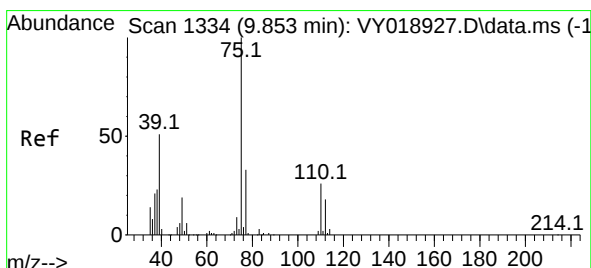
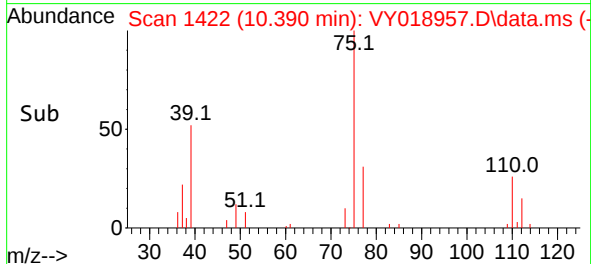
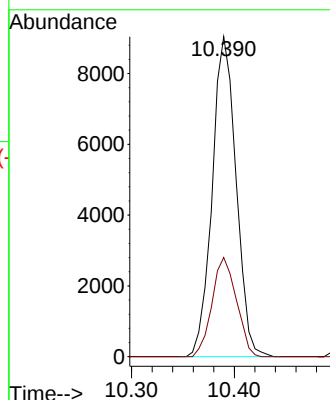
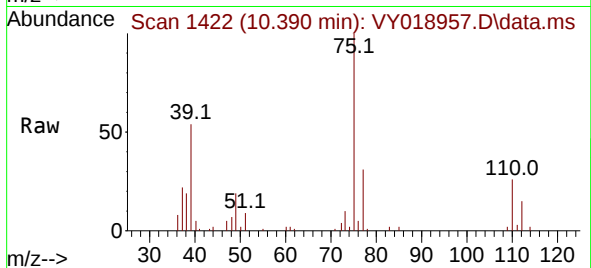
ClientSampleId :

Tgt Ion: 75 Resp: 14613

Ion Ratio Lower Upper

75 100

77 31.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.082 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

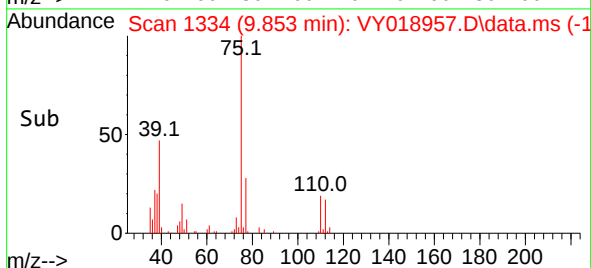
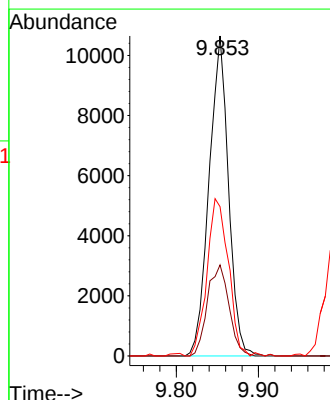
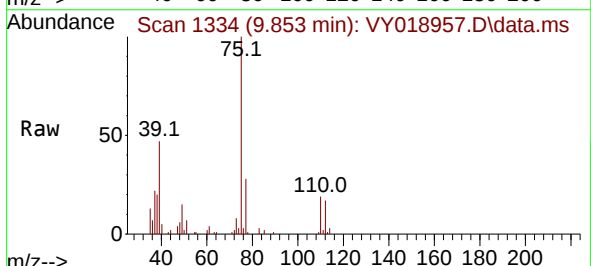
Tgt Ion: 75 Resp: 17476

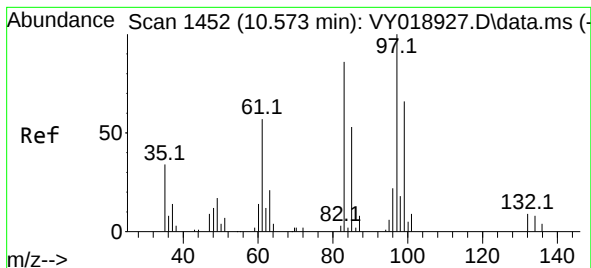
Ion Ratio Lower Upper

75 100

77 28.4 25.4 38.0

39 46.6 29.8 44.6#

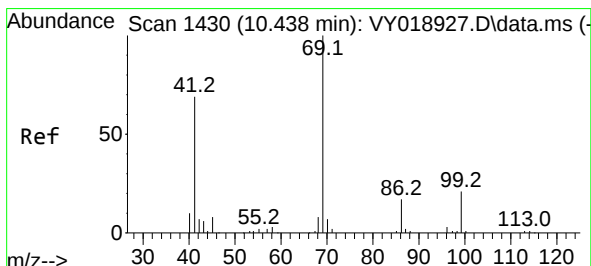
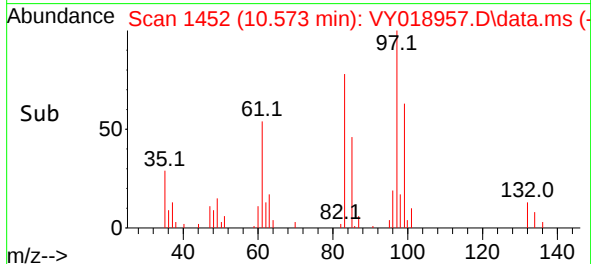
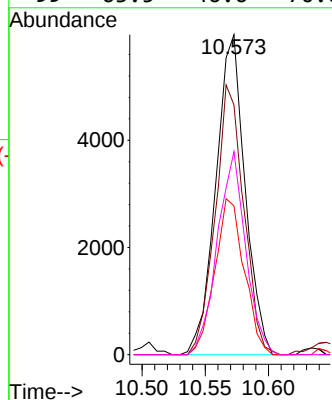
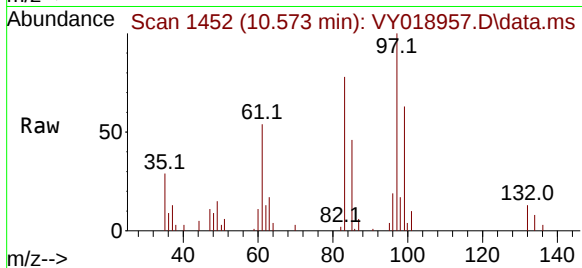




#55
1,1,2-Trichloroethane
Concen: 20.027 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

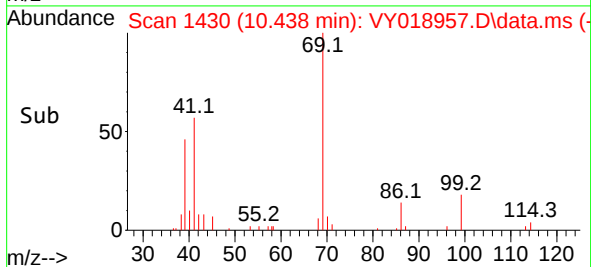
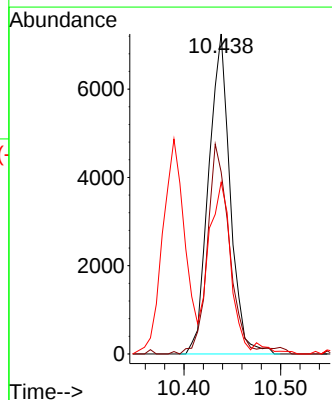
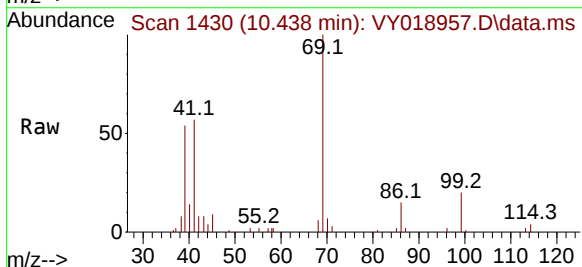
Instrument :
MSVOA_Y
ClientSampleId :

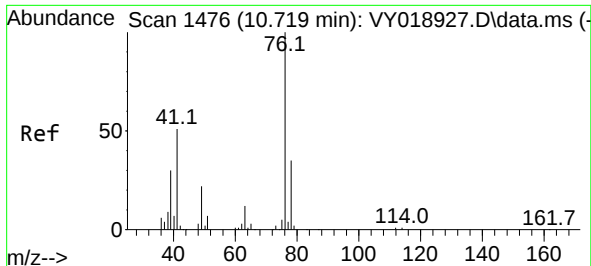
Tgt Ion:	97	Resp:	9589
Ion	Ratio	Lower	Upper
97	100		
83	78.1	67.5	101.3
85	46.5	42.9	64.3
99	63.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 17.236 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

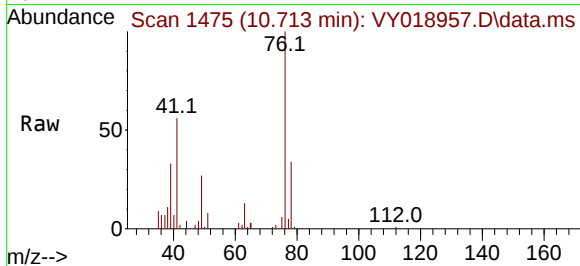
Tgt Ion:	69	Resp:	11174
Ion	Ratio	Lower	Upper
69	100		
41	66.2	42.3	63.5#
39	52.9	22.9	34.3#



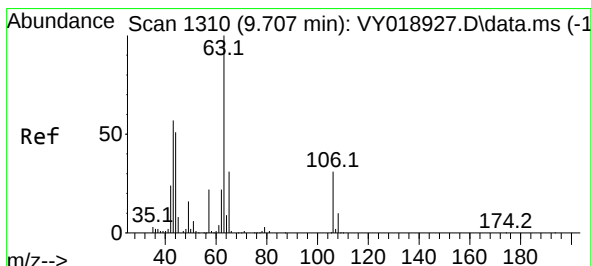
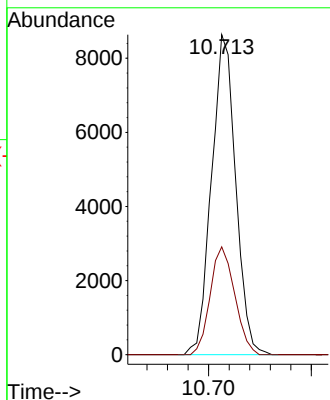
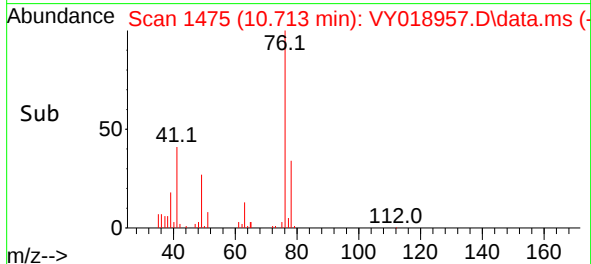


#57
1,3-Dichloropropane
Concen: 17.823 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Instrument :
MSVOA_Y
ClientSampleId :

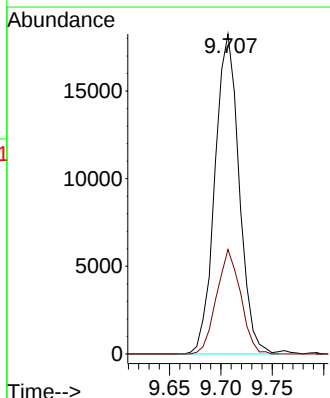
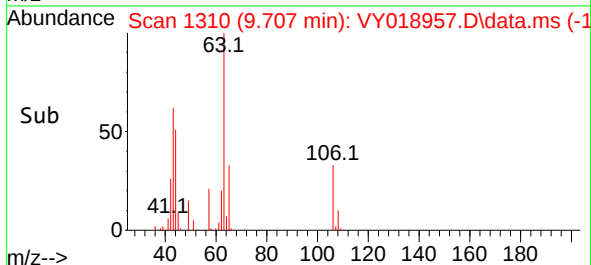
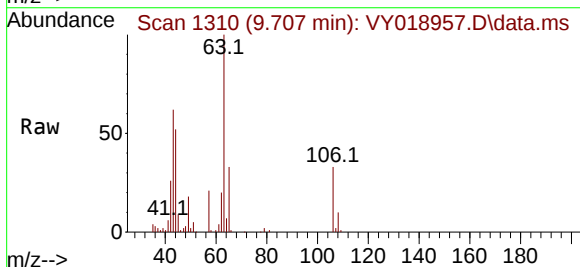


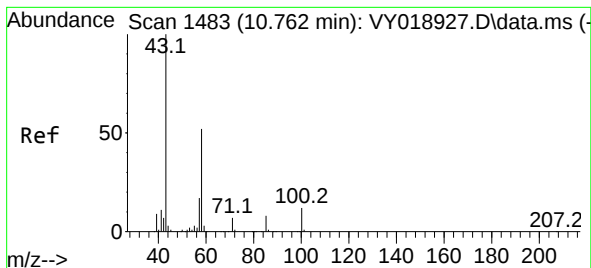
Tgt Ion: 76 Resp: 14051
Ion Ratio Lower Upper
76 100
78 34.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 89.613 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 63 Resp: 29951
Ion Ratio Lower Upper
63 100
106 32.2 23.7 35.5

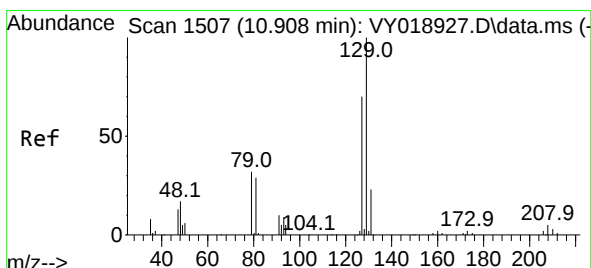
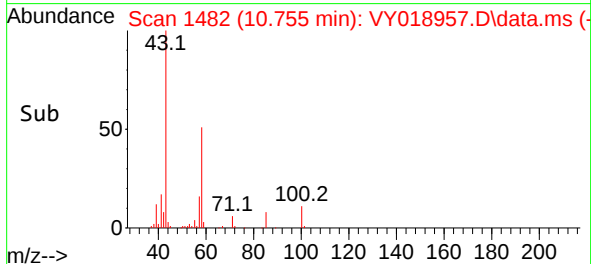
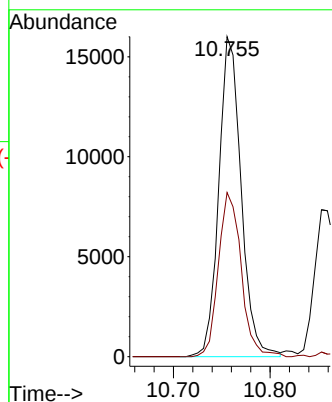
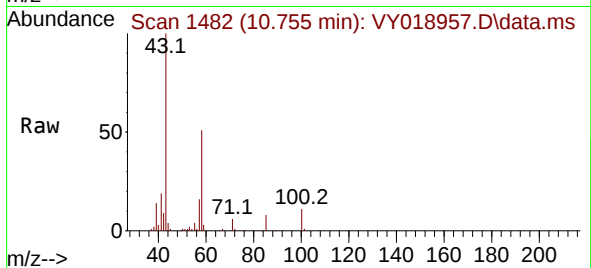




#59
2-Hexanone
Concen: 82.267 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

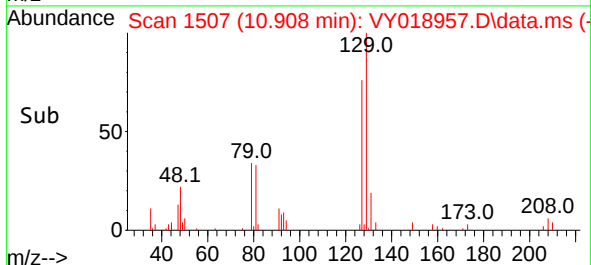
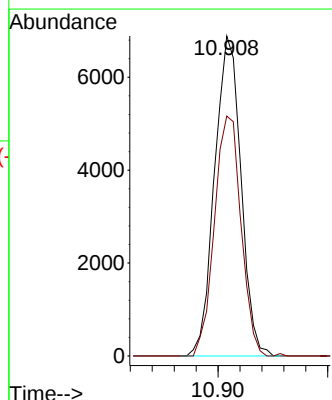
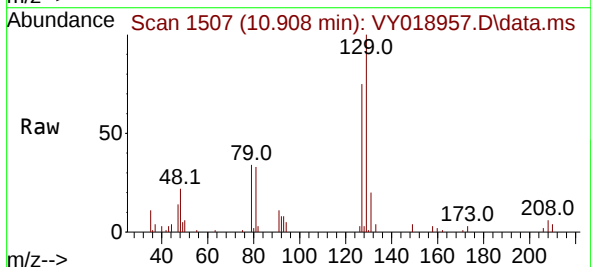
Instrument :
MSVOA_Y
ClientSampleId :

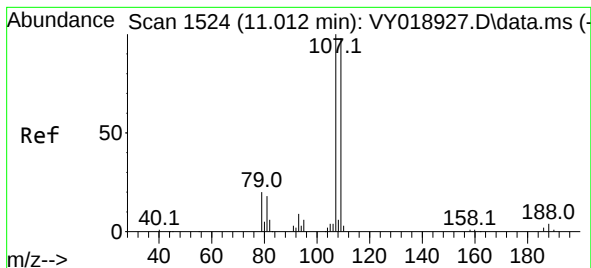
Tgt Ion: 43 Resp: 25660
Ion Ratio Lower Upper
43 100
58 52.2 31.4 94.0



#60
Dibromochloromethane
Concen: 17.902 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 129 Resp: 11492
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

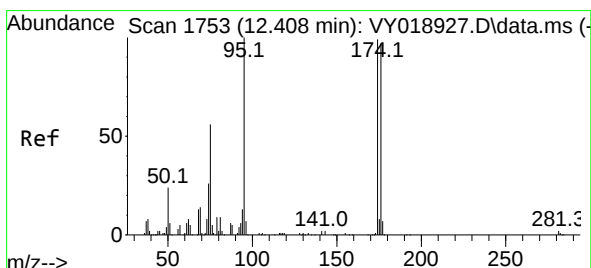
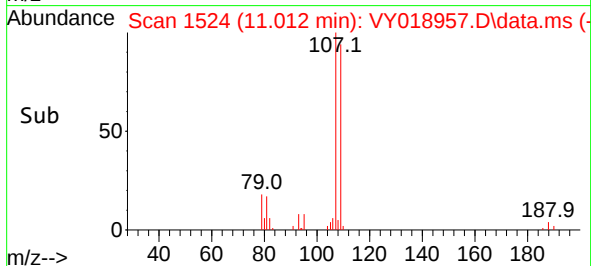
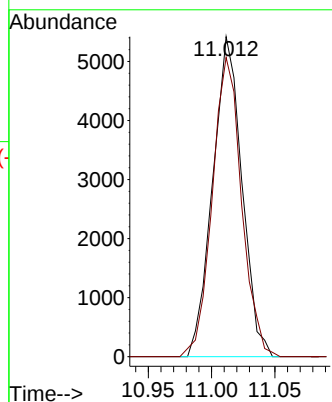
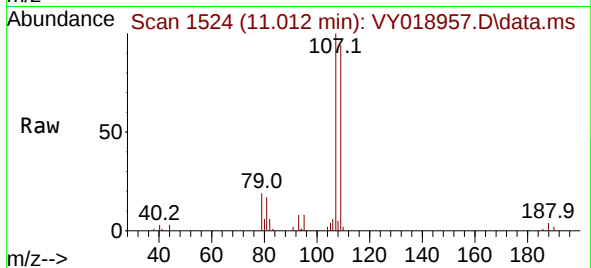




#61
1,2-Dibromoethane
Concen: 18.820 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

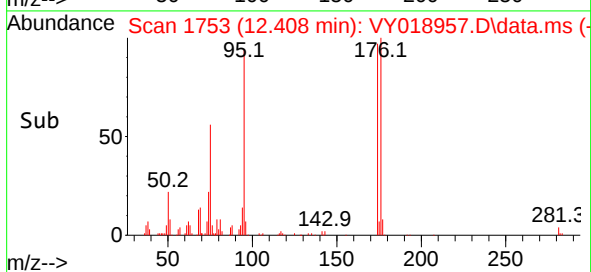
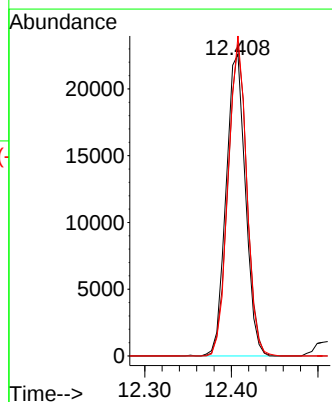
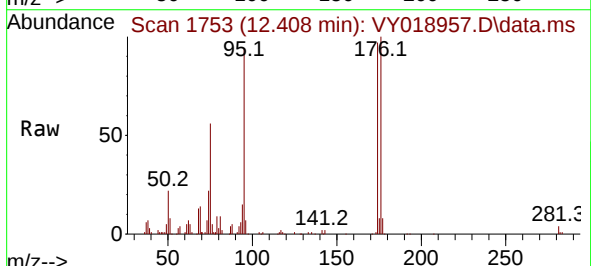
Instrument :
MSVOA_Y
ClientSampleId :

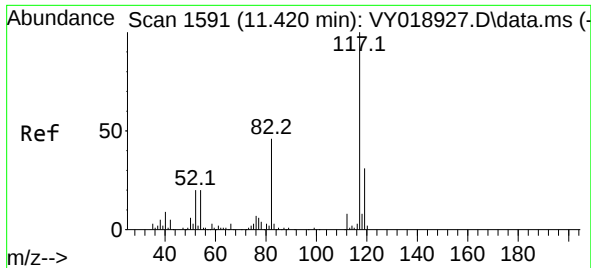
Tgt Ion:107 Resp: 8701
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.633 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 95 Resp: 35137
Ion Ratio Lower Upper
95 100
174 100.6 0.0 175.6
176 100.5 0.0 171.4

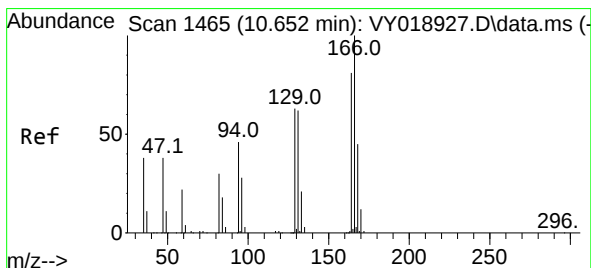
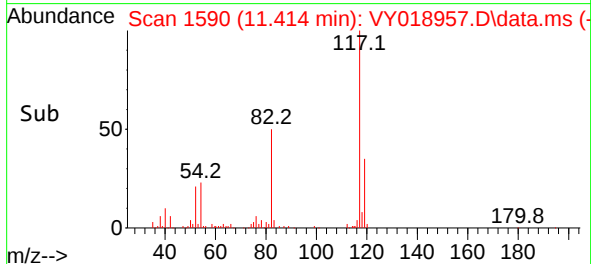
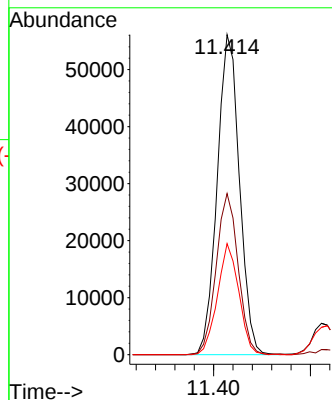
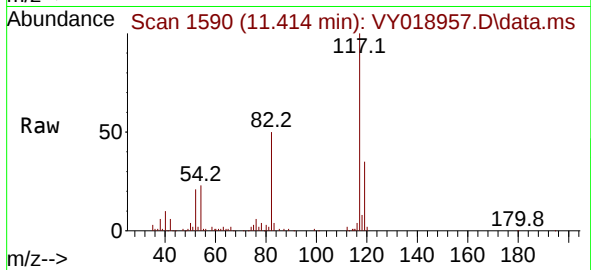




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

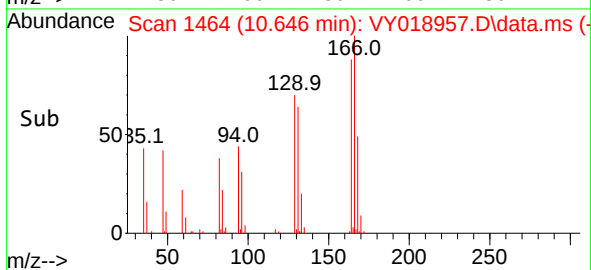
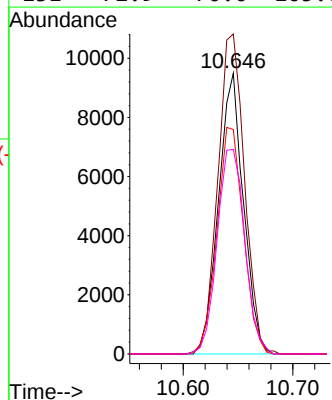
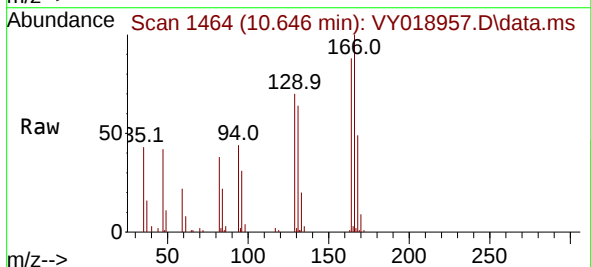
Instrument :
MSVOA_Y
ClientSampleId :

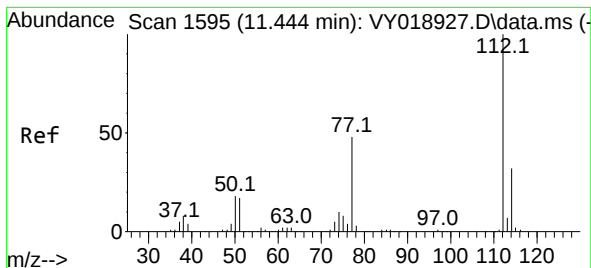
Tgt Ion:117 Resp: 89535
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 34.7 25.9 38.9



#64
Tetrachloroethene
Concen: 20.057 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion:164 Resp: 15054
Ion Ratio Lower Upper
164 100
166 113.9 102.6 154.0
129 79.9 72.0 108.0
131 72.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.280 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

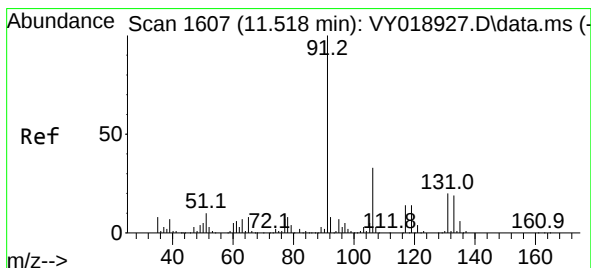
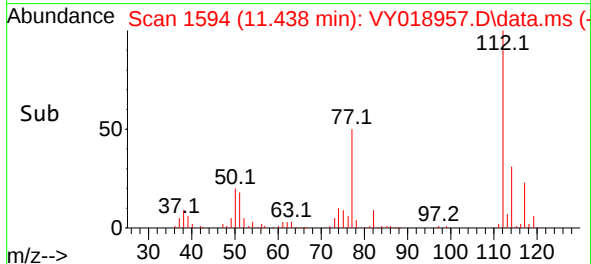
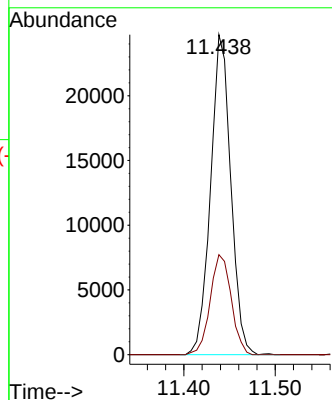
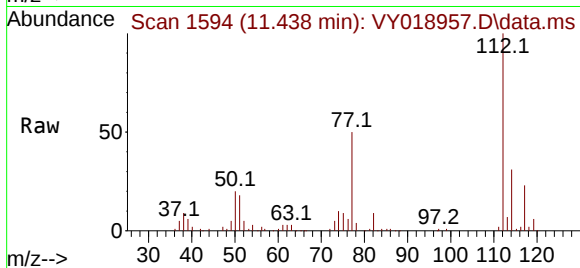
ClientSampleId :

Tgt Ion:112 Resp: 37901

Ion Ratio Lower Upper

112 100

114 31.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 17.955 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

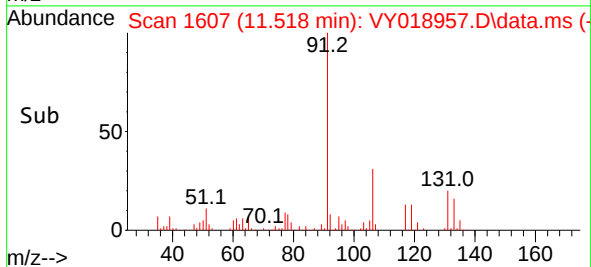
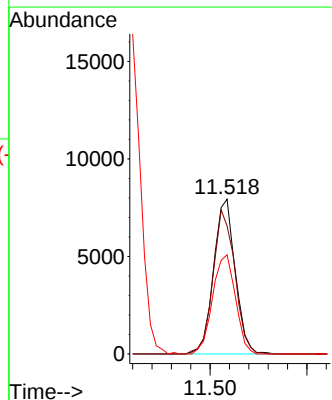
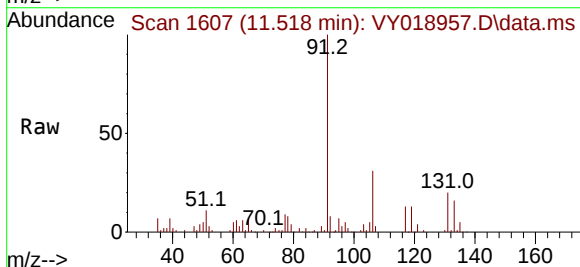
Tgt Ion:131 Resp: 12346

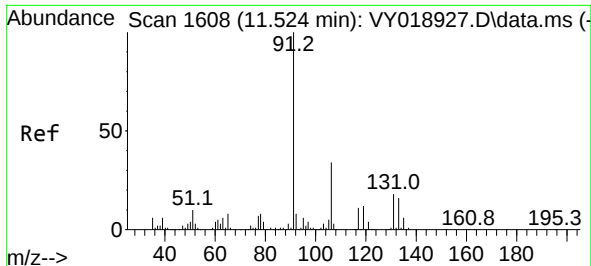
Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 18.278 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

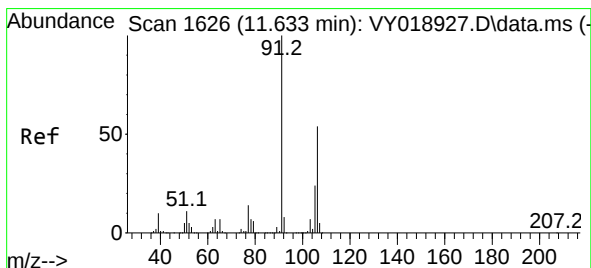
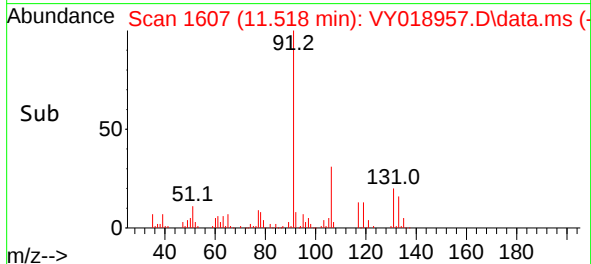
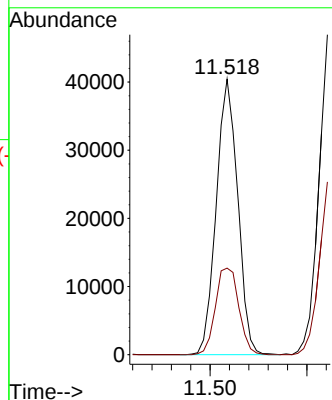
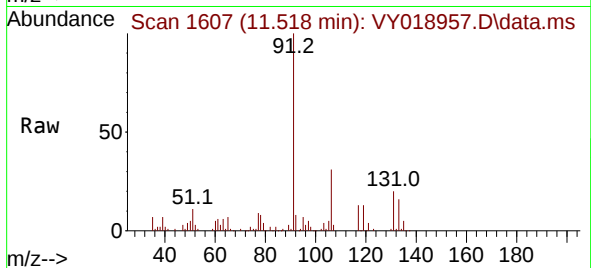
ClientSampleId :

Tgt Ion: 91 Resp: 62210

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 35.452 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY018957.D

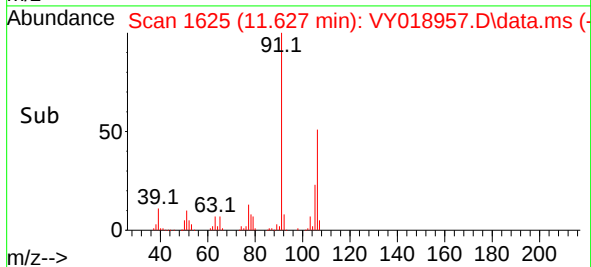
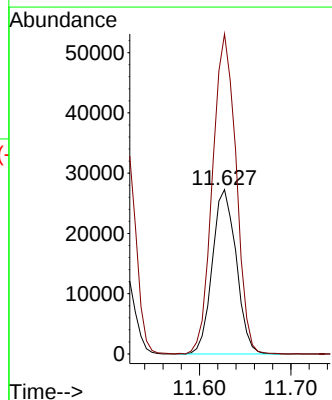
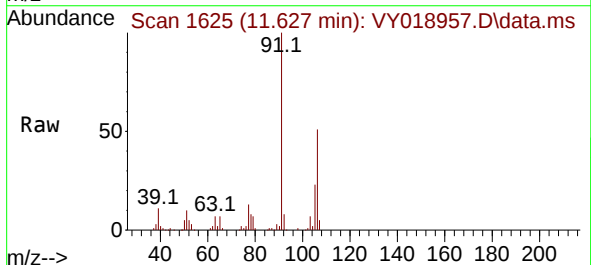
Acq: 09 Aug 2024 10:57

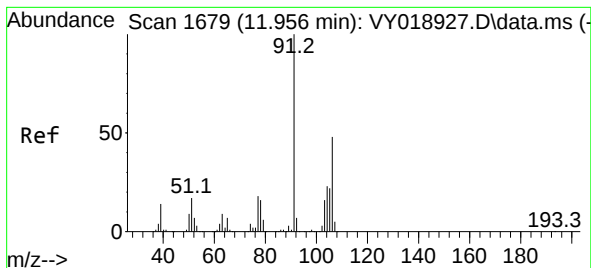
Tgt Ion:106 Resp: 49478

Ion Ratio Lower Upper

106 100

91 192.3 156.0 234.0





#69

o-Xylene

Concen: 17.777 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

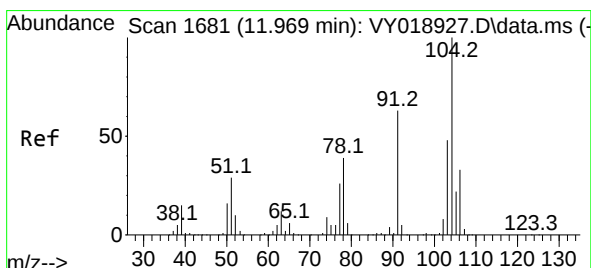
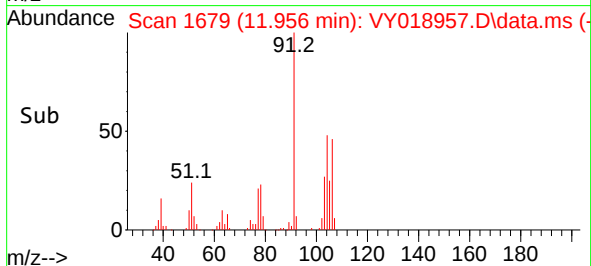
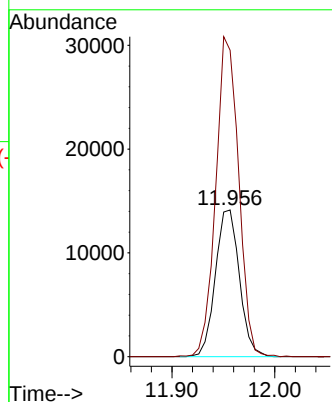
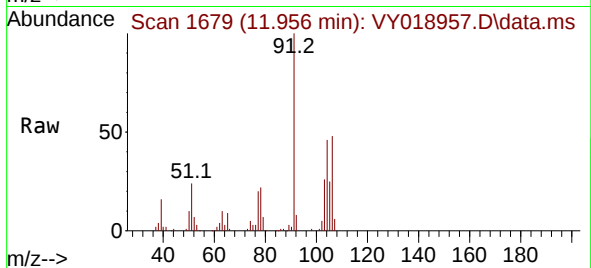
ClientSampleId :

Tgt Ion:106 Resp: 22898

Ion Ratio Lower Upper

106 100

91 208.3 103.6 310.8



#70

Styrene

Concen: 18.390 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

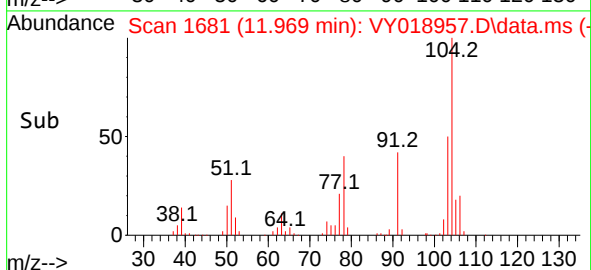
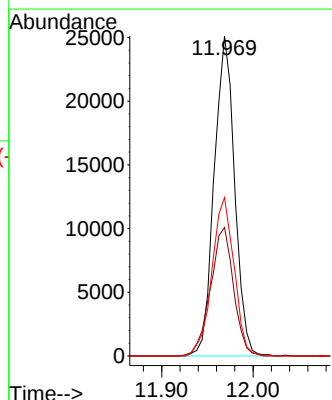
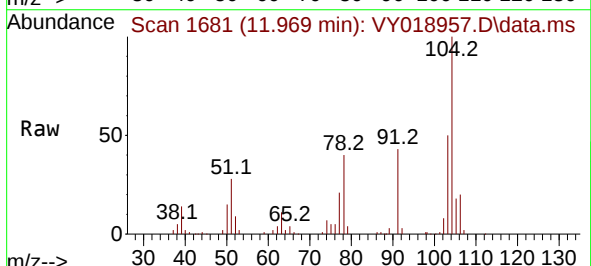
Tgt Ion:104 Resp: 39016

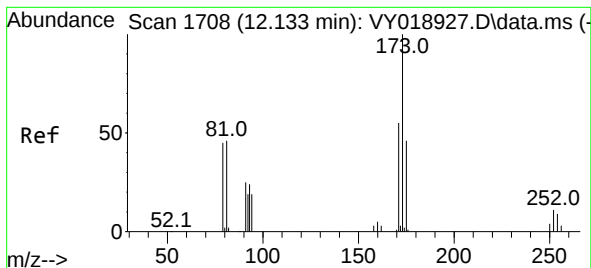
Ion Ratio Lower Upper

104 100

78 45.2 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 17.728 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

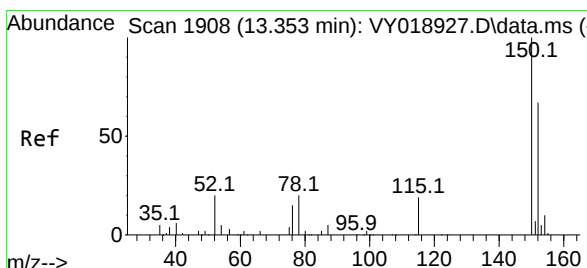
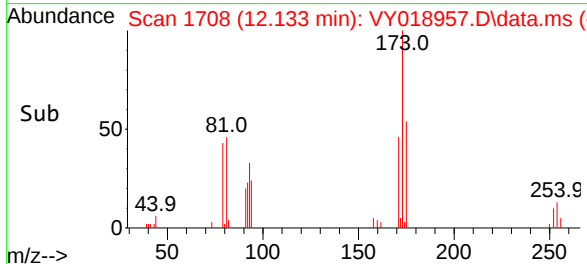
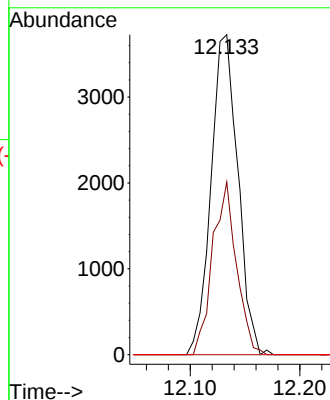
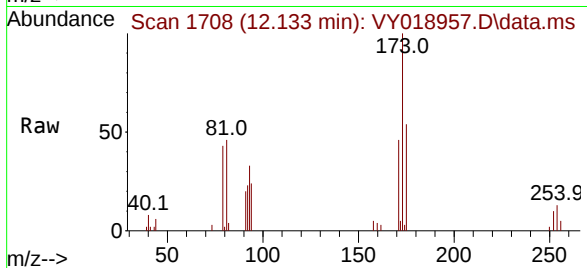
Tgt Ion:173 Resp: 6339

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

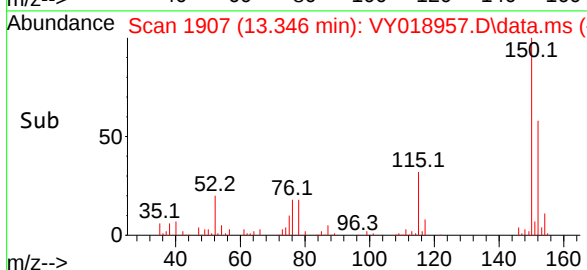
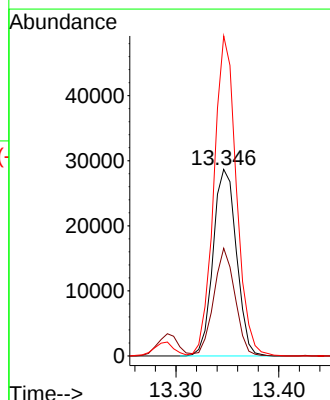
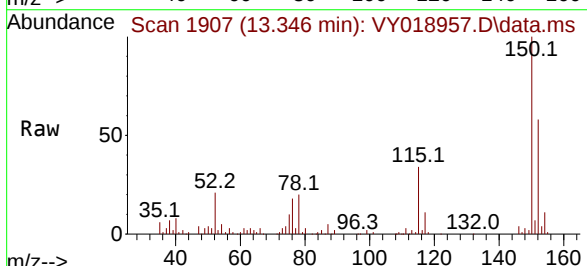
Tgt Ion:152 Resp: 45140

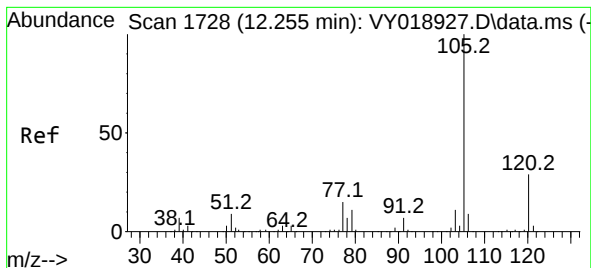
Ion Ratio Lower Upper

152 100

115 52.8 28.2 84.7

150 165.9 0.0 345.6





#73

Isopropylbenzene

Concen: 18.164 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

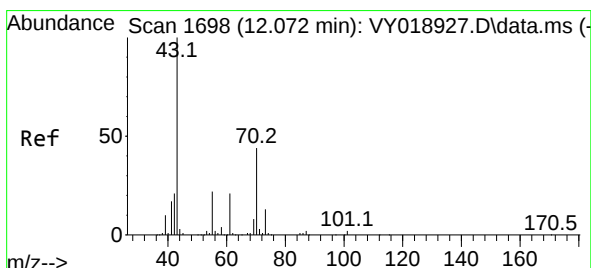
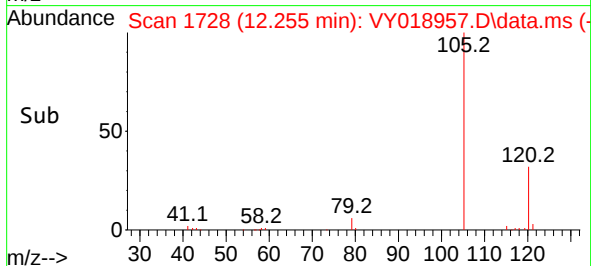
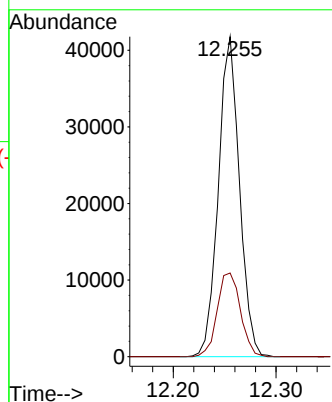
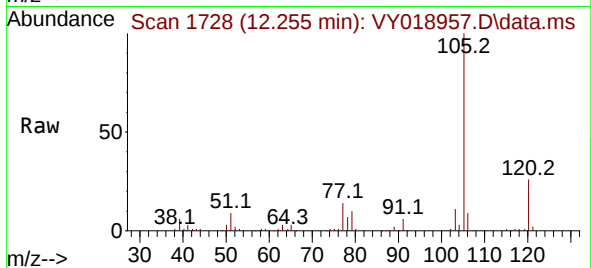
ClientSampleId :

Tgt Ion:105 Resp: 59515

Ion Ratio Lower Upper

105 100

120 28.8 13.4 40.1



#74

N-ethyl acetate

Concen: 18.348 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Tgt Ion: 43 Resp: 13873

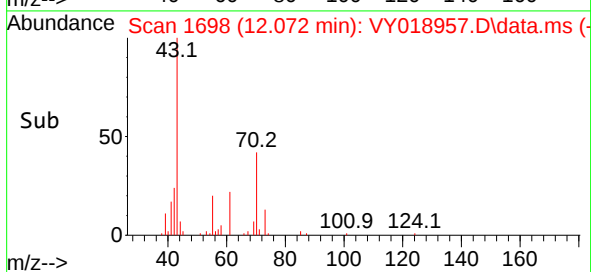
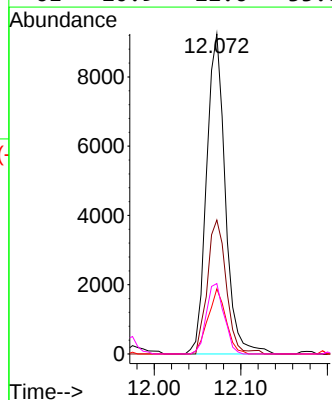
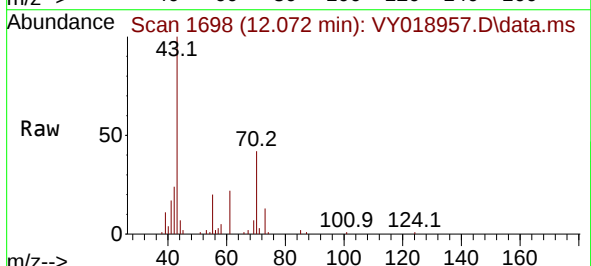
Ion Ratio Lower Upper

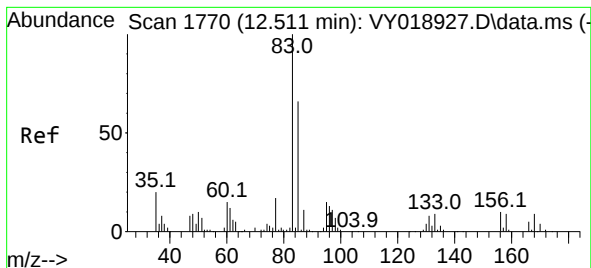
43 100

70 42.4 41.4 62.2

55 19.6 23.3 34.9#

61 20.9 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 17.885 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

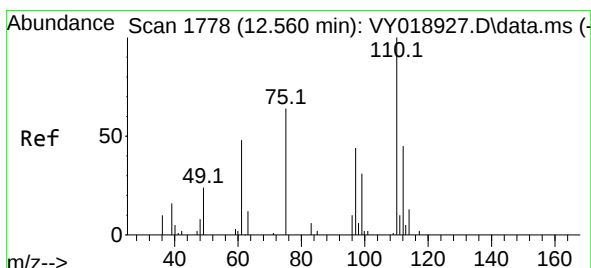
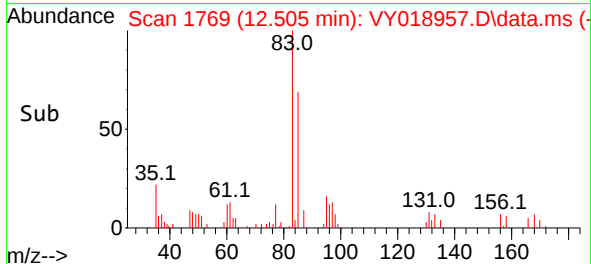
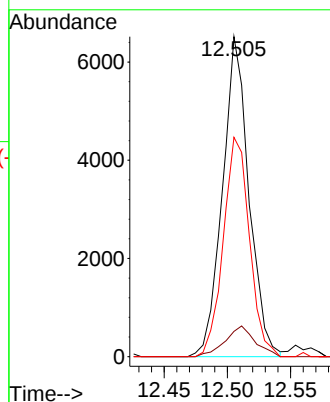
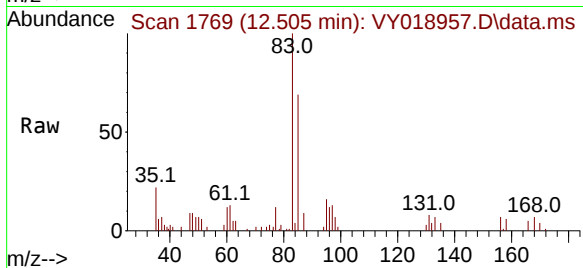
Tgt Ion: 83 Resp: 9457

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 67.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.375 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY018957.D

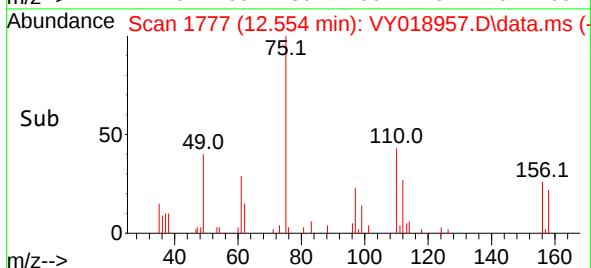
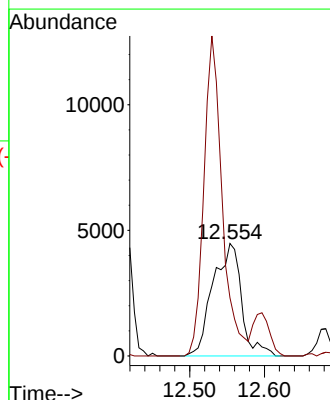
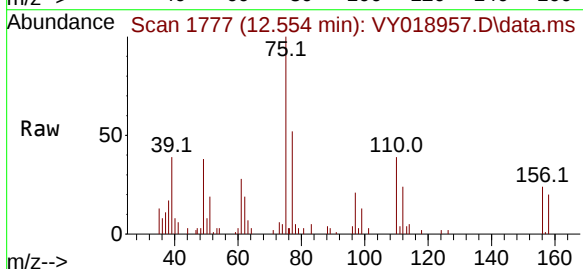
Acq: 09 Aug 2024 10:57

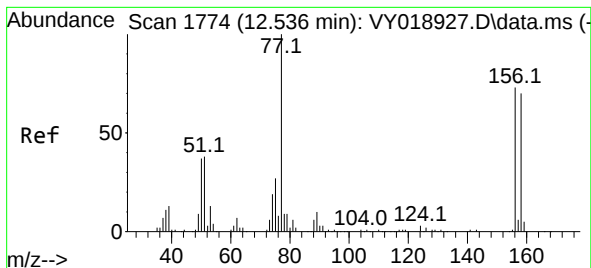
Tgt Ion: 75 Resp: 11896

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.062 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

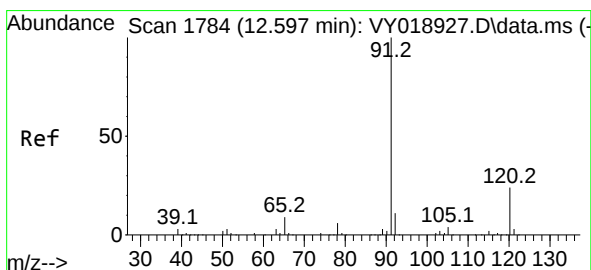
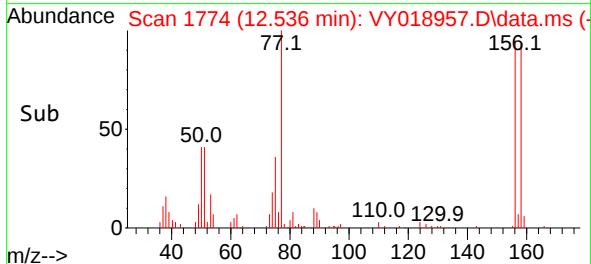
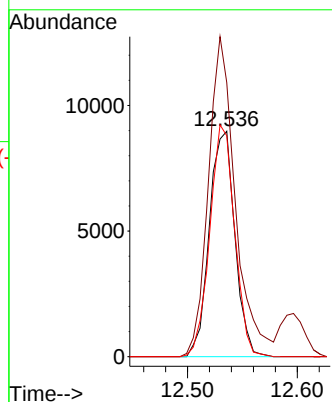
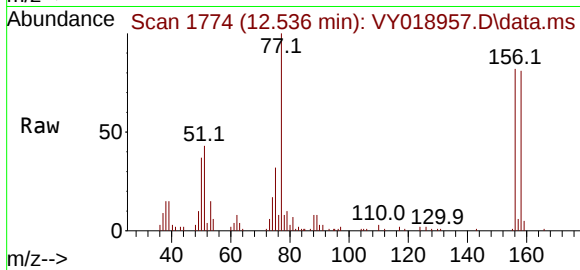
Tgt Ion:156 Resp: 14550

Ion Ratio Lower Upper

156 100

77 149.8 87.1 261.3

158 100.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.583 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY018957.D

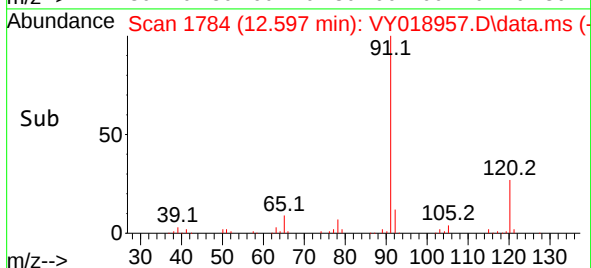
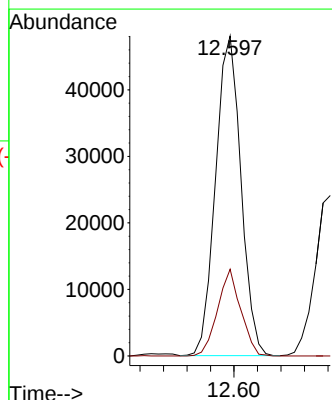
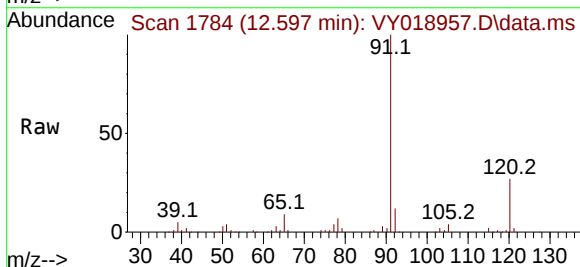
Acq: 09 Aug 2024 10:57

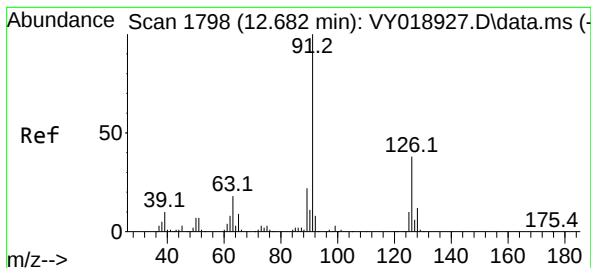
Tgt Ion: 91 Resp: 72069

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.320 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

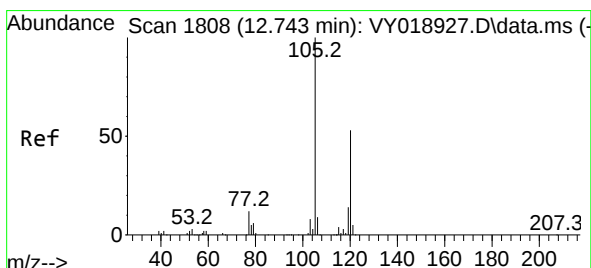
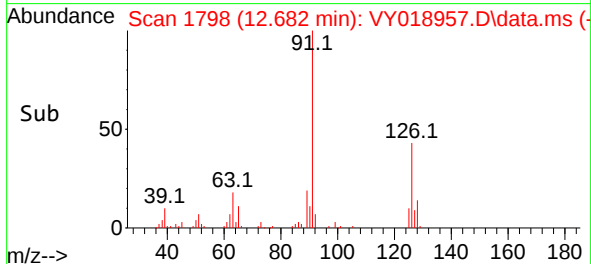
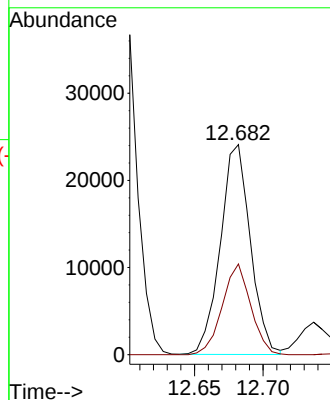
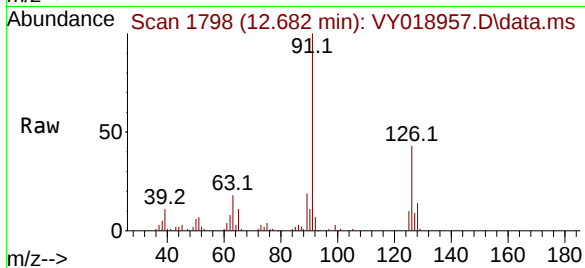
ClientSampleId :

Tgt Ion: 91 Resp: 36781

Ion Ratio Lower Upper

91 100

126 40.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.631 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY018957.D

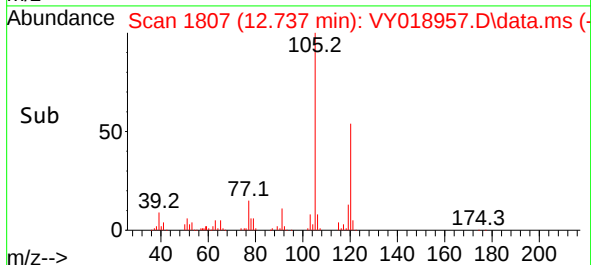
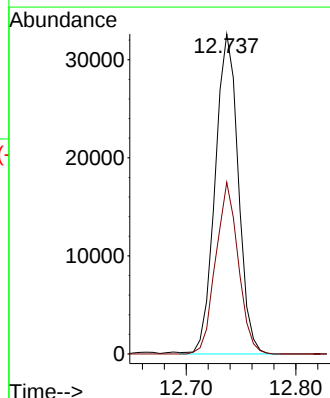
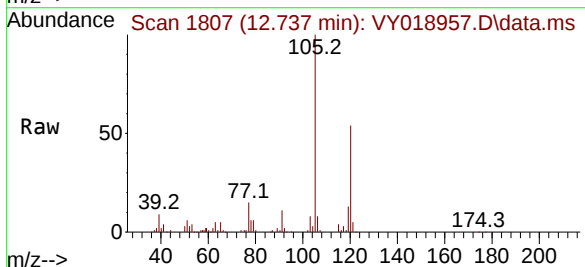
Acq: 09 Aug 2024 10:57

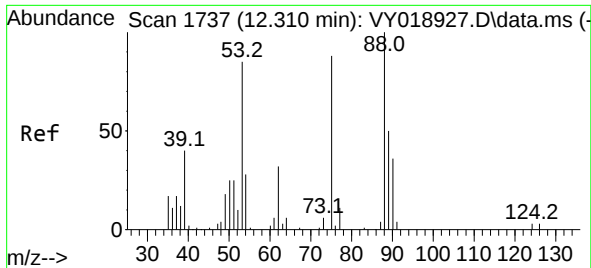
Tgt Ion: 105 Resp: 47840

Ion Ratio Lower Upper

105 100

120 52.3 25.1 75.2

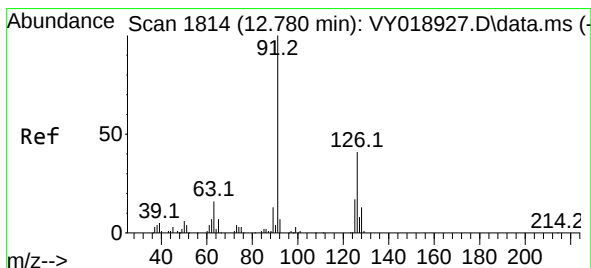
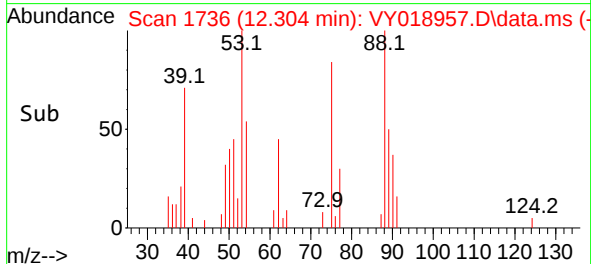
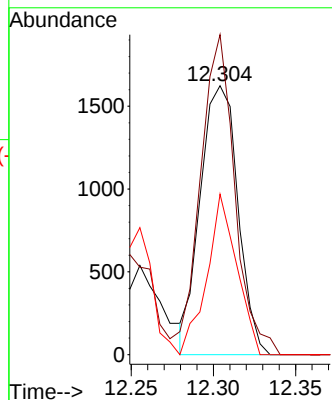
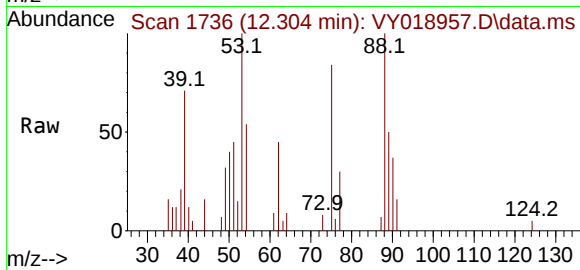




#81
trans-1,4-Dichloro-2-butene
Concen: 15.803 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

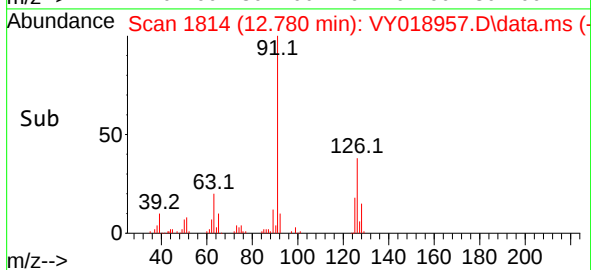
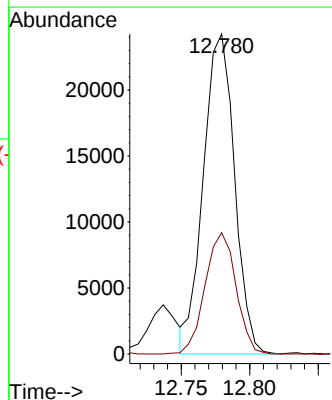
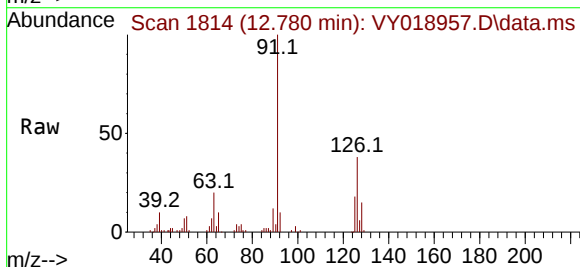
Instrument :
MSVOA_Y
ClientSampleId :

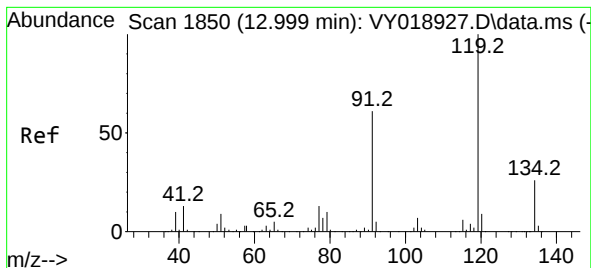
Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
53 108.6 66.8 100.2#
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.665 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion: 91 Resp: 38367
Ion Ratio Lower Upper
91 100
126 37.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.760 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY018957.D

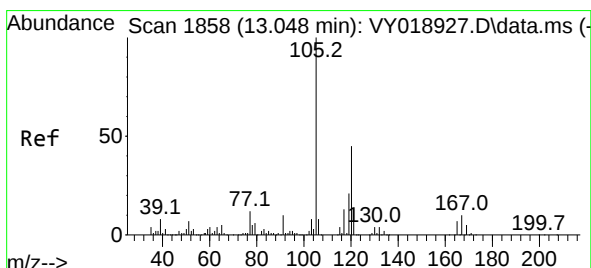
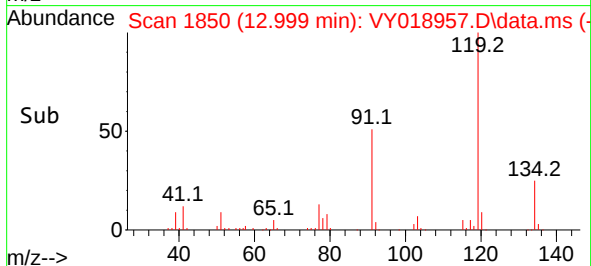
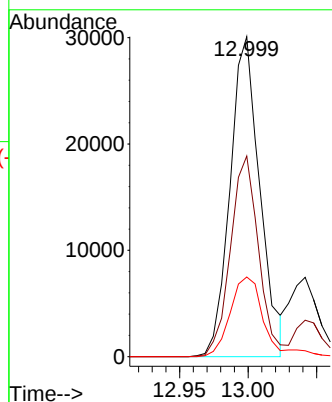
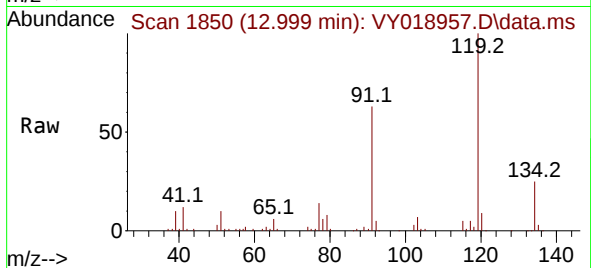
Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	45500
Ion	Ratio	Lower Upper
119	100	
91	59.9	31.3 93.8
134	28.4	13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.176 ug/l

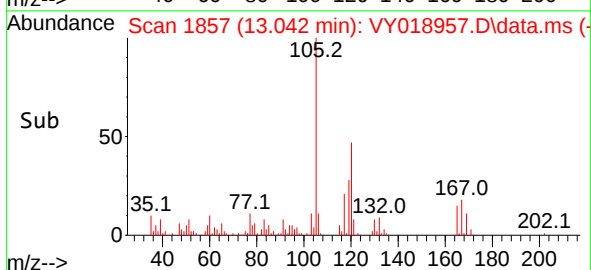
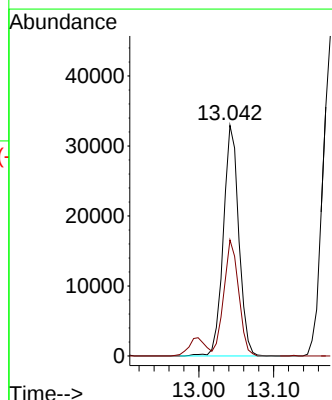
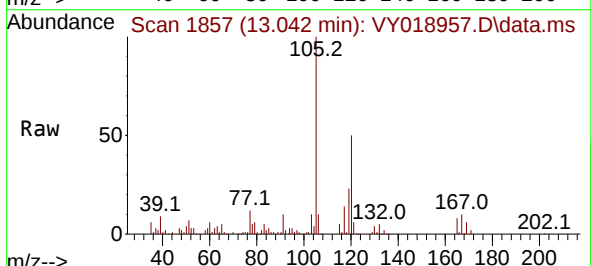
RT: 13.042 min Scan# 1857

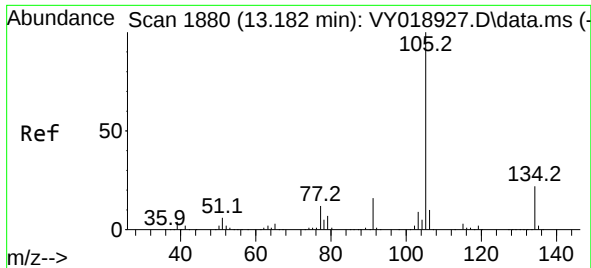
Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Tgt Ion:105	Resp:	47346
Ion	Ratio	Lower Upper
105	100	
120	48.4	23.2 69.6

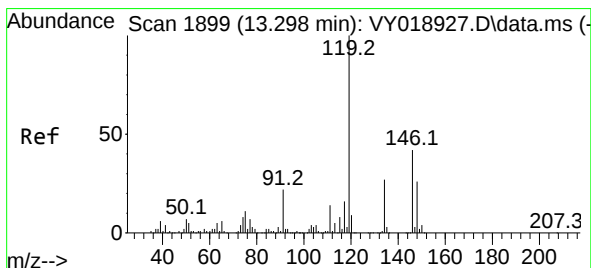
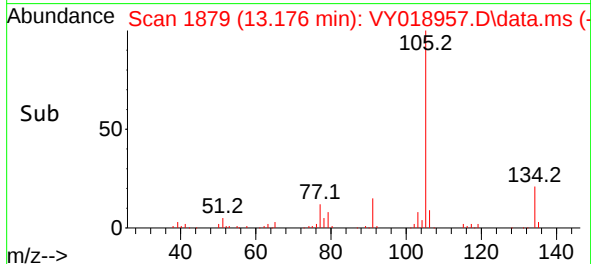
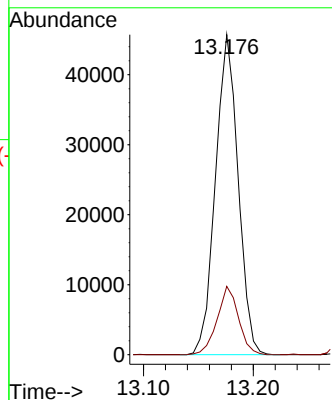
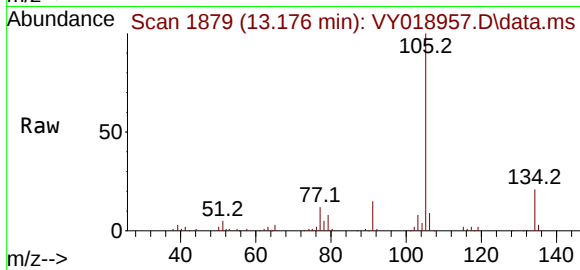




#85
 sec-Butylbenzene
 Concen: 18.696 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

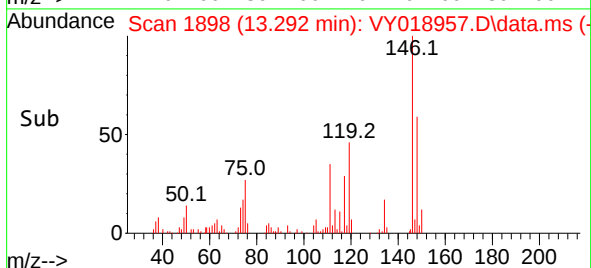
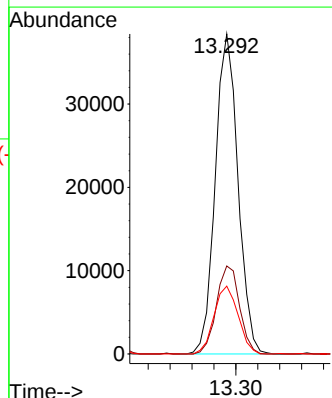
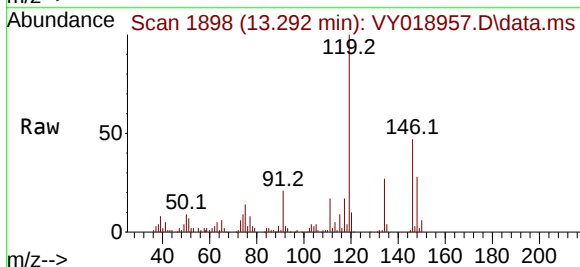
Instrument :
 MSVOA_Y
 ClientSampleId :

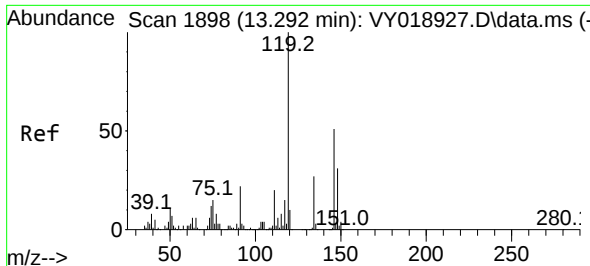
Tgt Ion:105 Resp: 65679
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.196 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY018957.D
 Acq: 09 Aug 2024 10:57

Tgt Ion:119 Resp: 55352
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 22.4 10.7 32.1

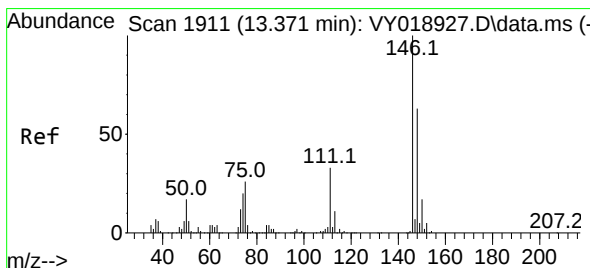
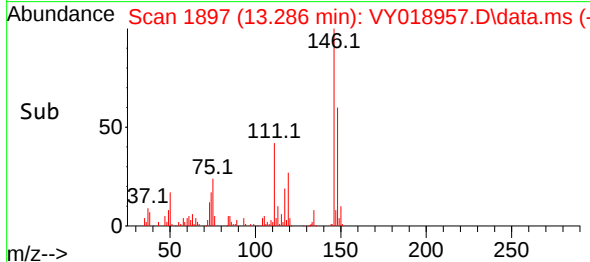
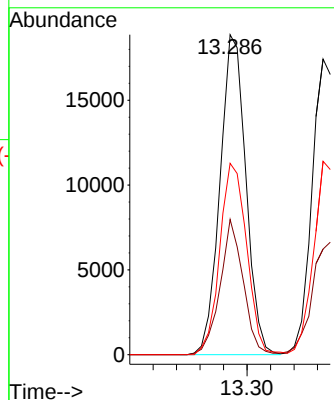
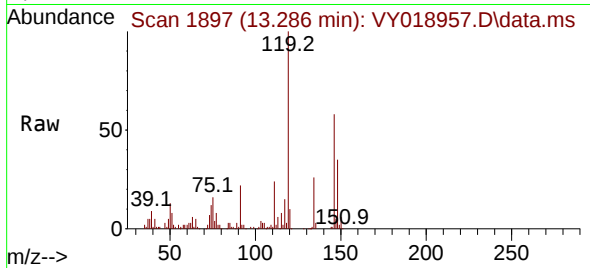




#87
1,3-Dichlorobenzene
Concen: 18.514 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

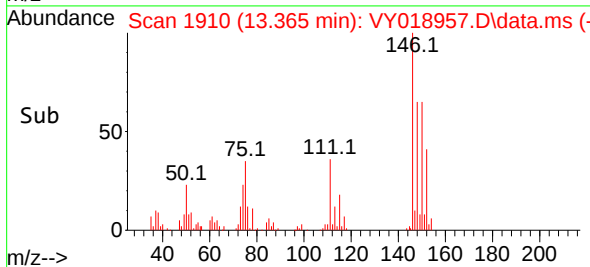
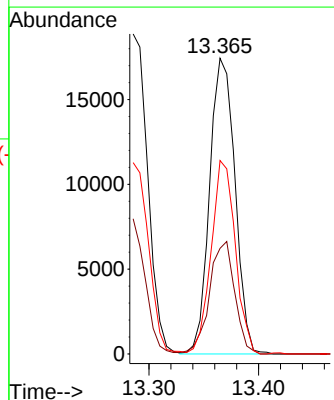
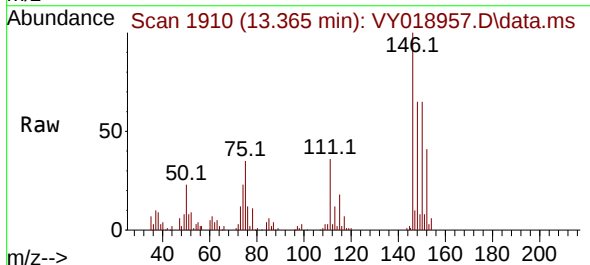
Instrument :
MSVOA_Y
ClientSampleId :

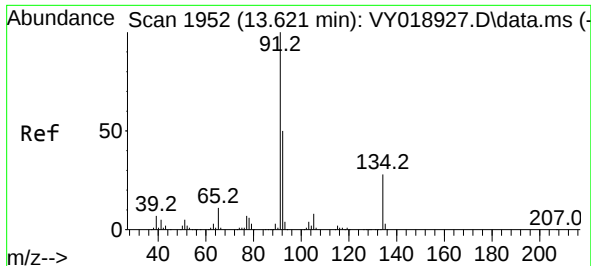
Tgt Ion:146 Resp: 28867
Ion Ratio Lower Upper
146 100
111 37.7 19.0 57.0
148 62.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 18.461 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY018957.D
Acq: 09 Aug 2024 10:57

Tgt Ion:146 Resp: 28072
Ion Ratio Lower Upper
146 100
111 37.9 18.4 55.4
148 62.3 32.4 97.2





#89

n-Butylbenzene

Concen: 17.560 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY018957.D

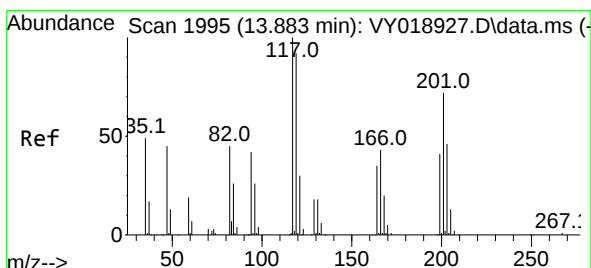
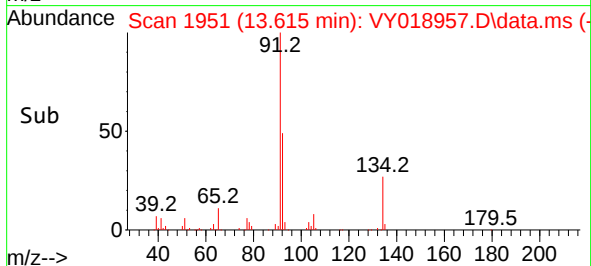
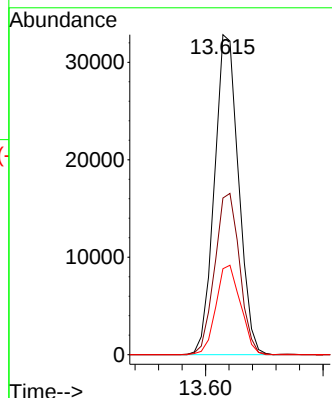
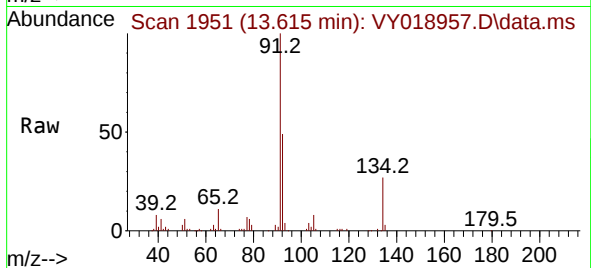
Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	46889
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.6	79.7
134	28.5	12.9	38.7



#90

Hexachloroethane

Concen: 18.226 ug/l

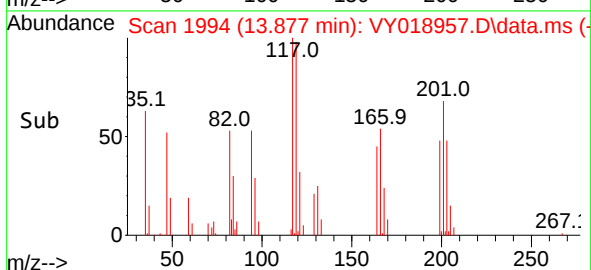
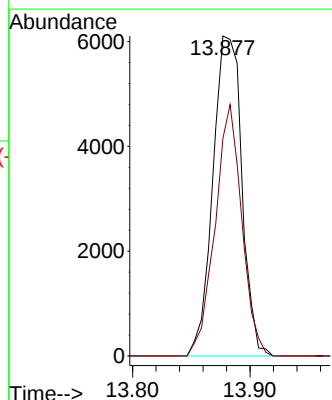
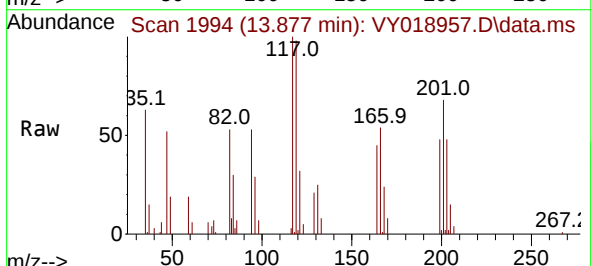
RT: 13.877 min Scan# 1994

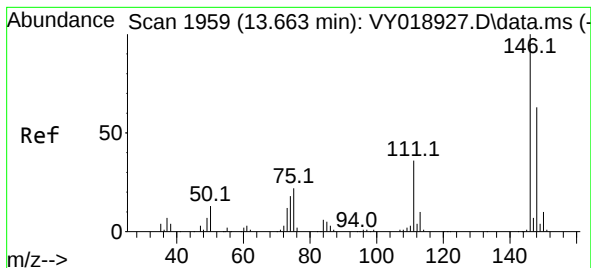
Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Tgt Ion:	117	Resp:	10462
Ion	Ratio	Lower	Upper
117	100		
201	72.5	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 18.866 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

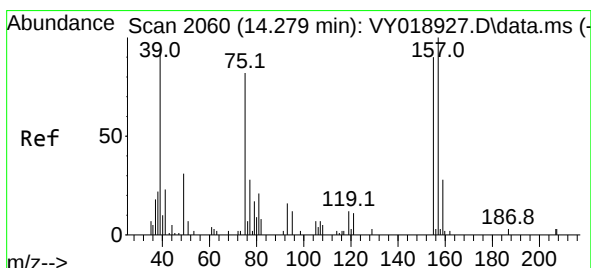
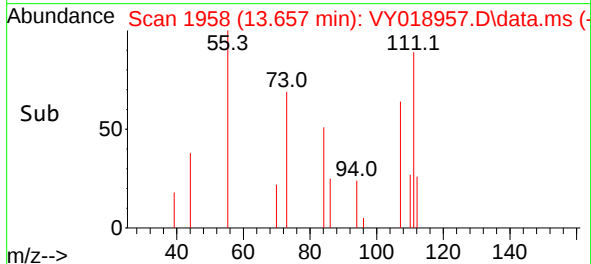
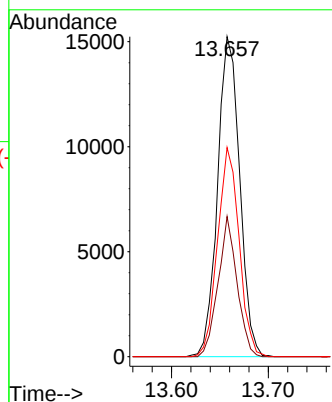
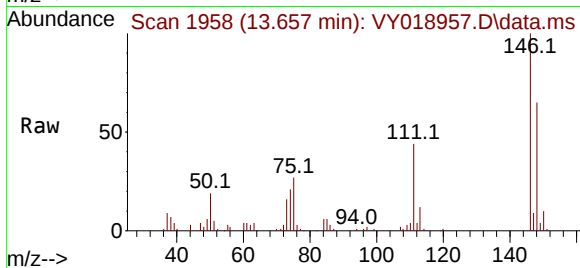
Tgt Ion:146 Resp: 24185

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.645 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

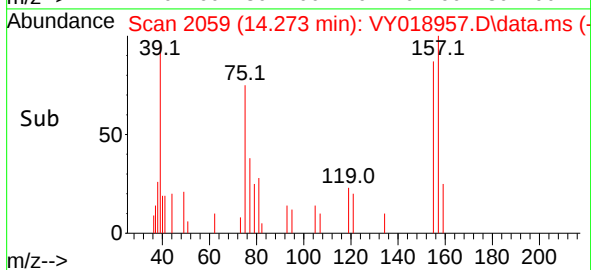
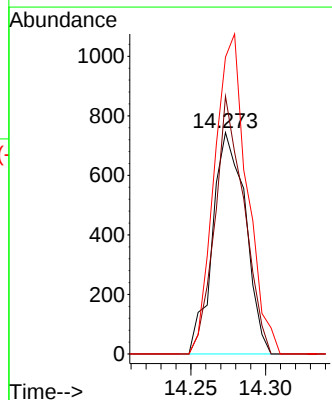
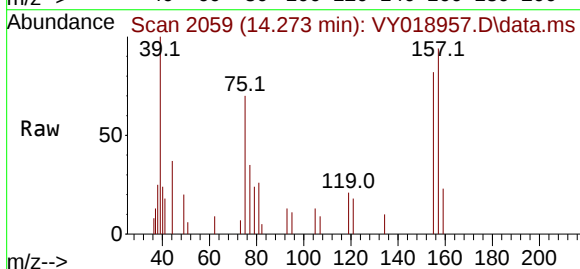
Tgt Ion: 75 Resp: 1138

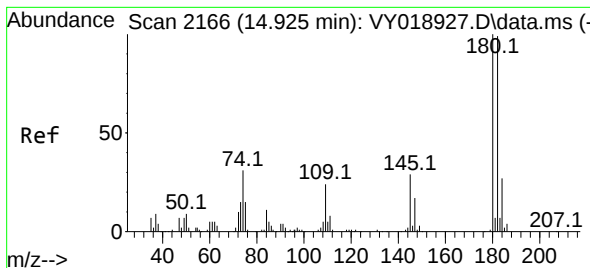
Ion Ratio Lower Upper

75 100

155 103.4 48.6 145.8

157 143.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.341 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

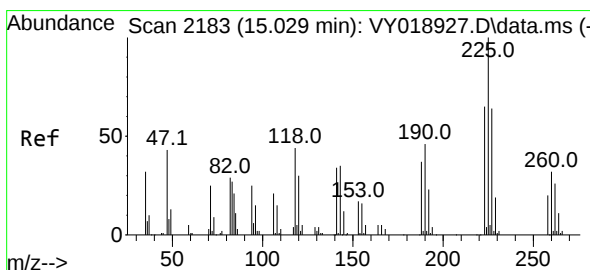
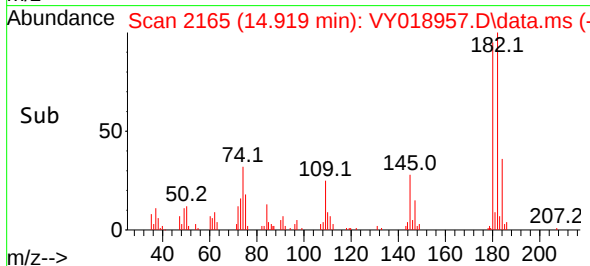
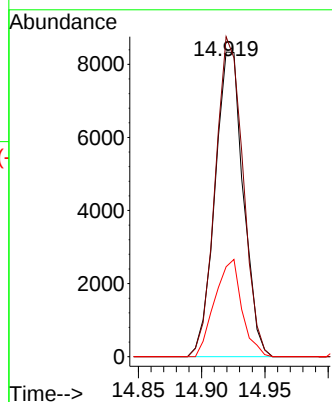
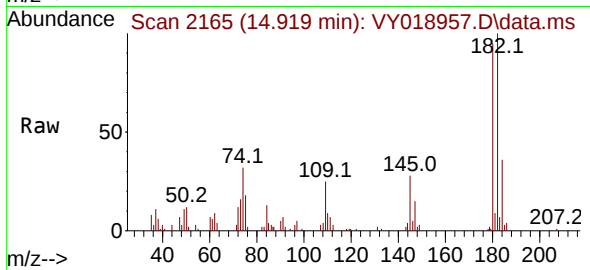
Tgt Ion:180 Resp: 12947

Ion Ratio Lower Upper

180 100

182 103.1 47.9 143.8

145 30.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.861 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

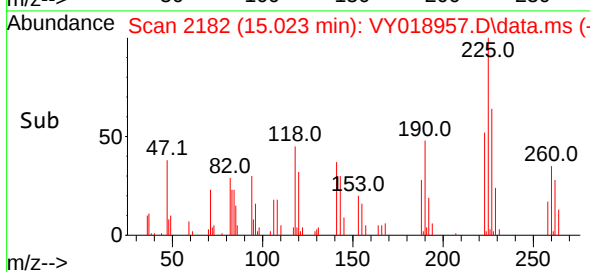
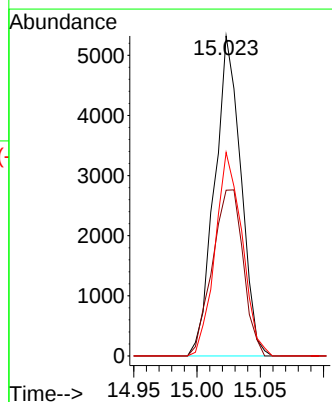
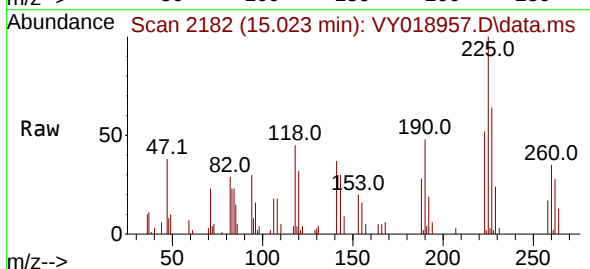
Tgt Ion:225 Resp: 7689

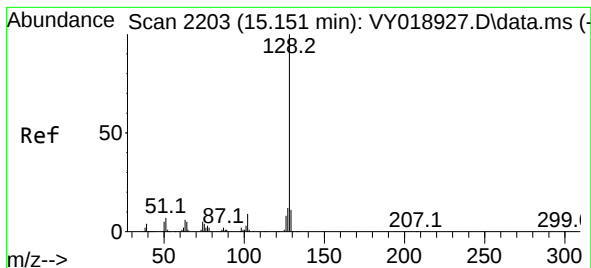
Ion Ratio Lower Upper

225 100

223 60.8 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 18.143 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Instrument :

MSVOA_Y

ClientSampleId :

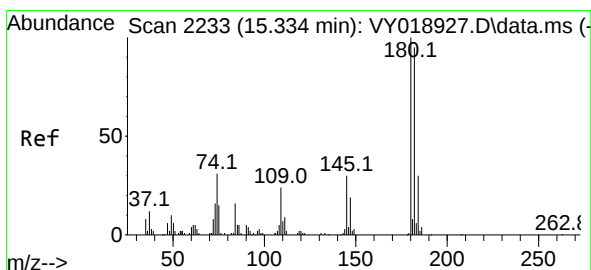
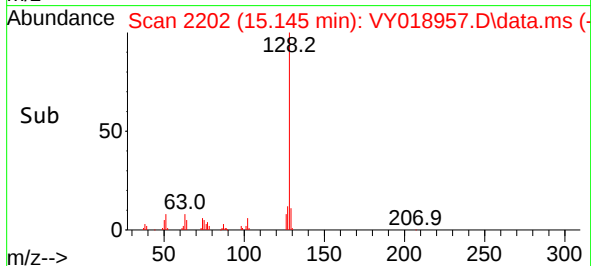
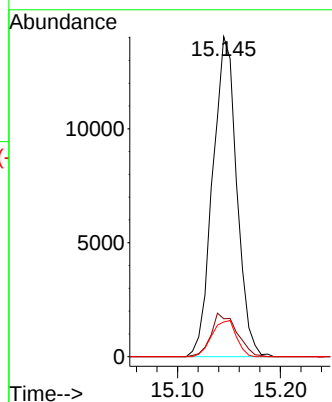
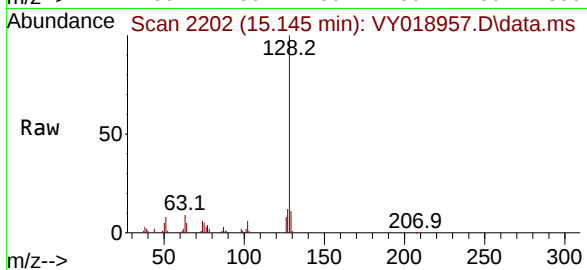
Tgt Ion:128 Resp: 22799

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.274 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY018957.D

Acq: 09 Aug 2024 10:57

Tgt Ion:180 Resp: 11072

Ion Ratio Lower Upper

180 100

182 97.8 47.6 142.9

145 29.0 15.4 46.1

