

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018794.D
 Acq On : 12 Jul 2024 13:49
 Operator : SY/MD
 Sample : P3224-33
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	9758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11524	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	3753	39.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.180%
35) Dibromofluoromethane	7.709	113	4315	45.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.178	98	16964	47.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.483	95	7013	57.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.460%

Target Compounds				Qvalue		
5) Bromomethane	2.643	94	177	1.770	ug/l	82
11) Tert butyl alcohol	4.935	59	71	7.299	ug/l #	88
16) Acetone	3.930	43	806	45.530	ug/l	98
17) Carbon Disulfide	4.180	76	922	3.493	ug/l #	76
20) Methylene Chloride	4.698	84	919	4.666	ug/l #	62
25) 2-Butanone	6.984	43	294	11.848	ug/l #	41
29) Tetrahydrofuran	7.368	42	23	1.512	ug/l #	26
31) Cyclohexane	7.764	56	2316	15.700	ug/l #	76
36) 1,1-Dichloropropene	7.770	75	875	6.694	ug/l #	44
38) Carbon Tetrachloride	7.783	117	900	5.717	ug/l #	13
39) Methylcyclohexane	9.172	83	6430	38.385	ug/l #	85
40) Benzene	8.154	78	29775	78.522	ug/l	97
41) Methacrylonitrile	7.356	41	51	1.646	ug/l #	34
42) 1,2-Dichloroethane	8.136	62	120	1.130	ug/l #	71
43) Isopropyl Acetate	8.270	43	317	2.932	ug/l #	47
46) Dibromomethane	9.282	93	135	2.522	ug/l #	1
47) Bromodichloromethane	9.514	83	334	2.498	ug/l #	26
48) Methyl methacrylate	9.227	41	194	3.948	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	1108	20.073	ug/l	93
52) Toluene	10.239	92	67538	267.975	ug/l	99
53) t-1,3-Dichloropropene	10.239	75	805	6.973	ug/l #	1
55) 1,1,2-Trichloroethane	10.678	97	338	4.987	ug/l #	16
56) Ethyl methacrylate	10.502	69	121	1.356	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.794	63	46	1.079	ug/l #	74
59) 2-Hexanone	10.934	43	316	8.183	ug/l	84
60) Dibromochloromethane	11.026	129	151	1.621	ug/l	68
61) 1,2-Dibromoethane	11.056	107	176	2.671	ug/l	92
64) Tetrachloroethene	10.739	164	371	3.977	ug/l #	48
65) Chlorobenzene	11.514	112	279	1.148	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.642	131	172	2.054	ug/l	72
67) Ethyl Benzene	11.593	91	34361	80.685	ug/l	93
68) m/p-Xylenes	11.696	106	57109	341.727	ug/l	99
69) o-Xylene	12.026	106	19816	126.123	ug/l	93
70) Styrene	12.026	104	2613	9.967	ug/l #	1
71) Bromoform	12.202	173	531	11.631	ug/l #	48
73) Isopropylbenzene	12.330	105	3161	12.951	ug/l #	66

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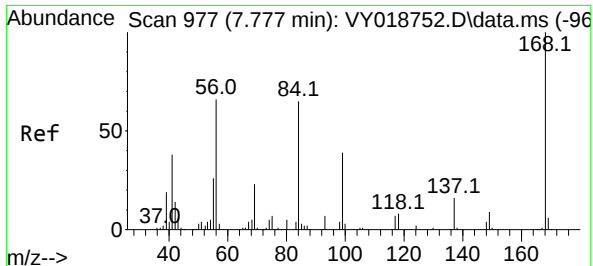
Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:38:00 2024
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 Response via : Initial Calibration

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

74) N-amyl acetate	12.087	43	2010	40.268	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.556	83	774	20.116	ug/l #	48
76) 1,2,3-Trichloropropane	12.532	75	124	4.747	ug/l #	100
78) n-propylbenzene	12.666	91	6896	23.792	ug/l	94
79) 2-Chlorotoluene	12.629	91	412	2.528	ug/l	81
80) 1,3,5-Trimethylbenzene	12.806	105	8193	41.025	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.318	75	85	7.283	ug/l #	1
82) 4-Chlorotoluene	12.599	91	506	3.015	ug/l	74
83) tert-Butylbenzene	13.025	119	343	1.860	ug/l	69
84) 1,2,4-Trimethylbenzene	13.117	105	20393	102.760	ug/l	88
85) sec-Butylbenzene	13.257	105	1060	4.050	ug/l #	1
86) p-Isopropyltoluene	13.367	119	1132	5.010	ug/l #	41
87) 1,3-Dichlorobenzene	13.373	146	174	1.520	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	375	3.306	ug/l #	16
89) n-Butylbenzene	13.696	91	938	4.579	ug/l #	33
90) Hexachloroethane	14.019	117	137	3.261	ug/l	73
91) 1,2-Dichlorobenzene	13.727	146	201	2.033	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.251	75	4470	716.939	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	96	1.591	ug/l #	1
95) Naphthalene	15.238	128	29555	285.489	ug/l	98
96) 1,2,3-Trichlorobenzene	15.403	180	110	2.130	ug/l #	14

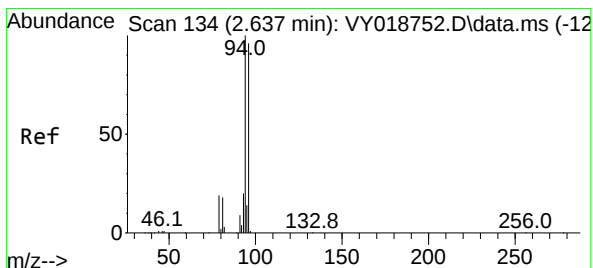
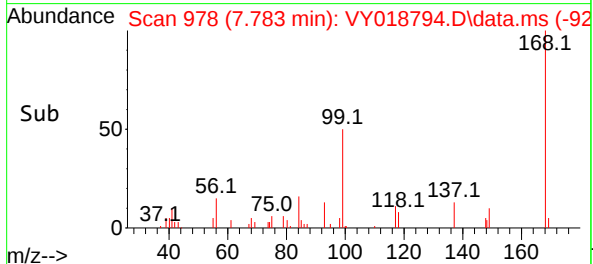
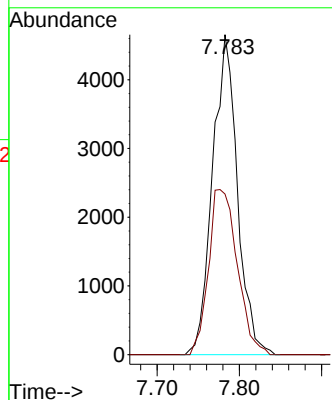
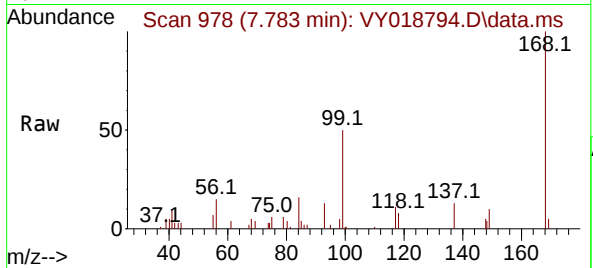
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

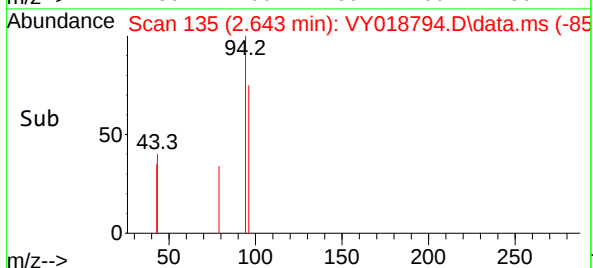
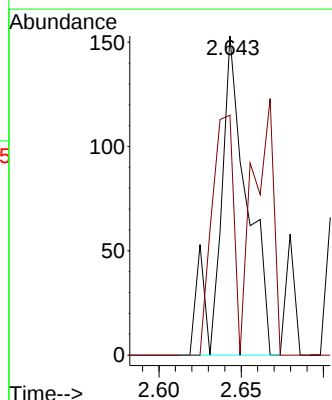
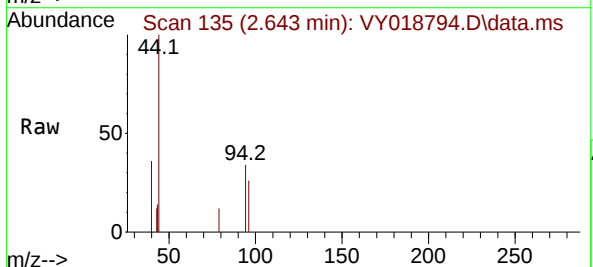
Instrument :
MSVOA_Y
ClientSampleId :

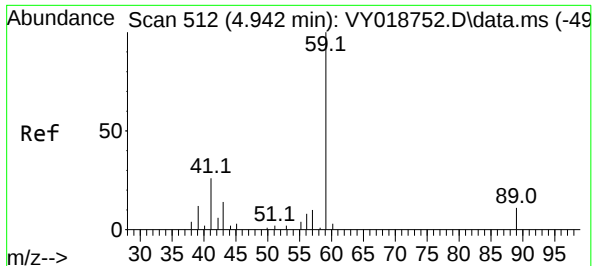
Tgt Ion:168 Resp: 9758
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#5
Bromomethane
Concen: 1.770 ug/l
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 75.2 74.1 111.1

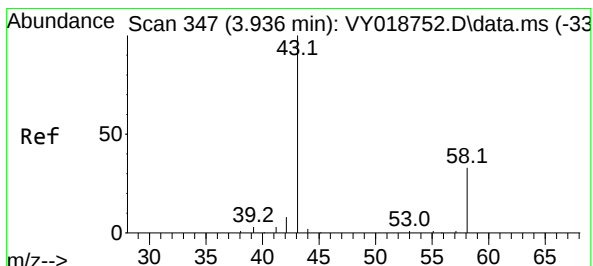
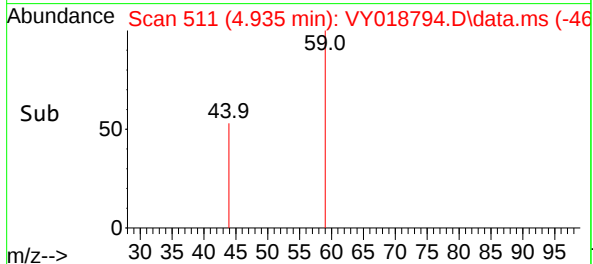
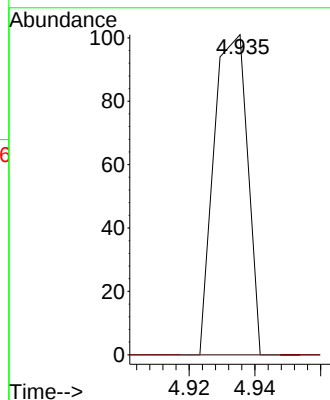
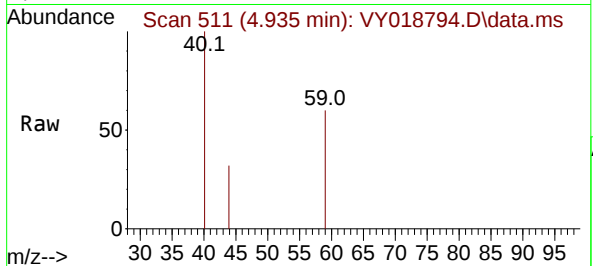




#11
Tert butyl alcohol
Concen: 7.299 ug/l
RT: 4.935 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

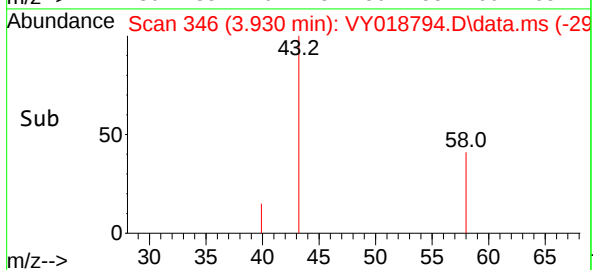
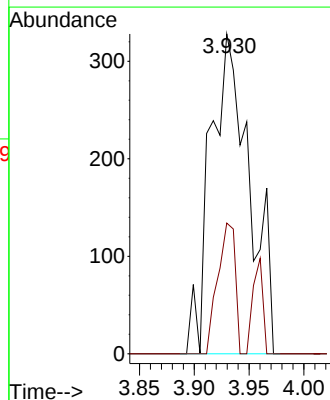
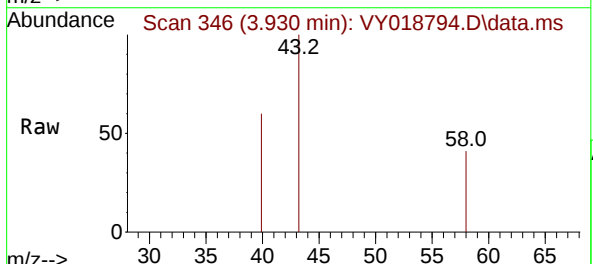
Instrument :
MSVOA_Y
ClientSampleId :

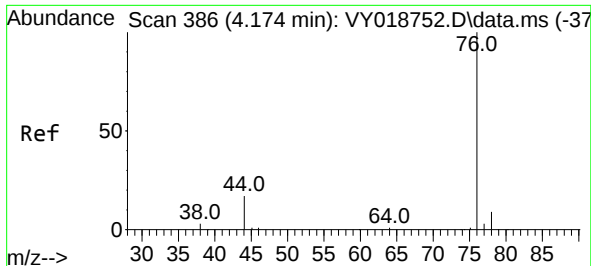
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 45.530 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 40.9 31.7 47.5





#17

Carbon Disulfide

Concen: 3.493 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

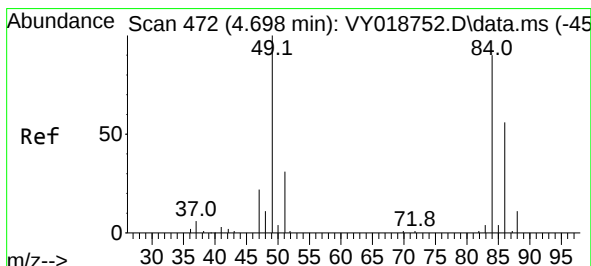
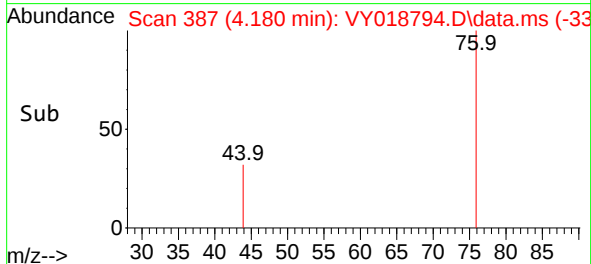
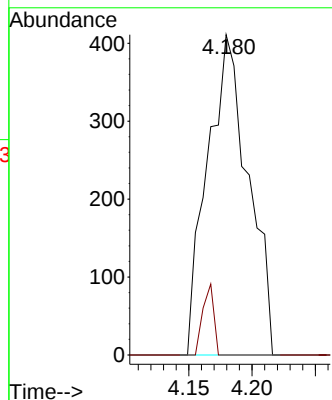
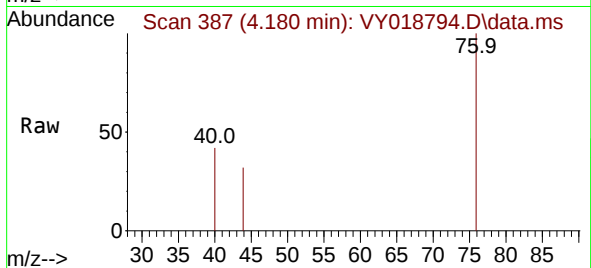
ClientSampleId :

Tgt Ion: 76 Resp: 922

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: 4.666 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Tgt Ion: 84 Resp: 919

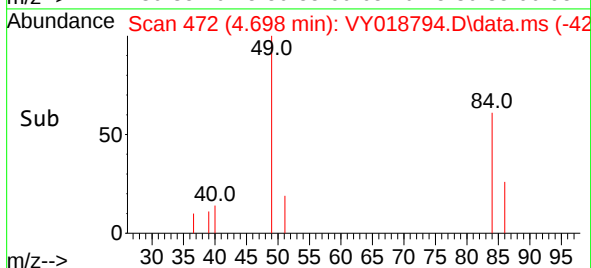
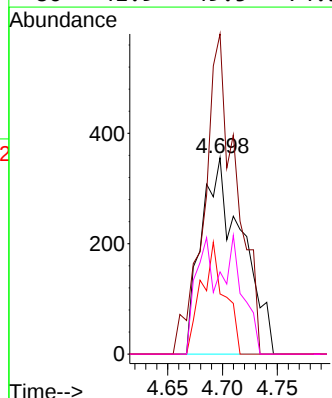
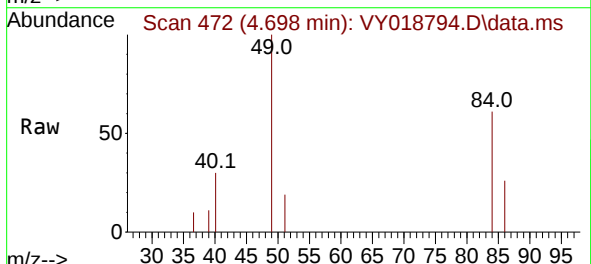
Ion Ratio Lower Upper

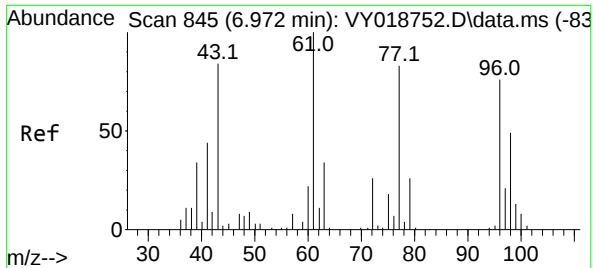
84 100

49 162.9 84.4 126.6#

51 30.6 26.0 39.0

86 41.9 49.5 74.3#





#25

2-Butanone

Concen: 11.848 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

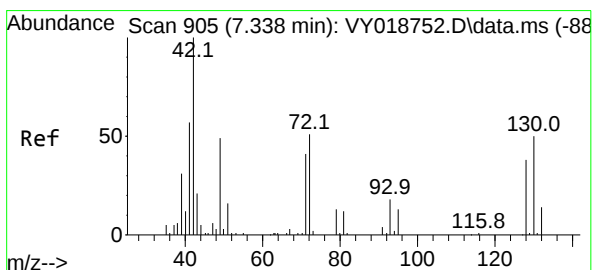
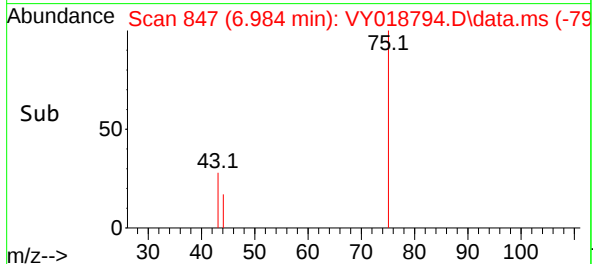
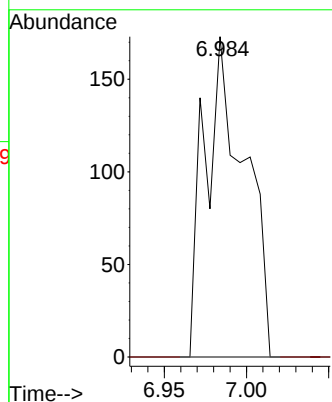
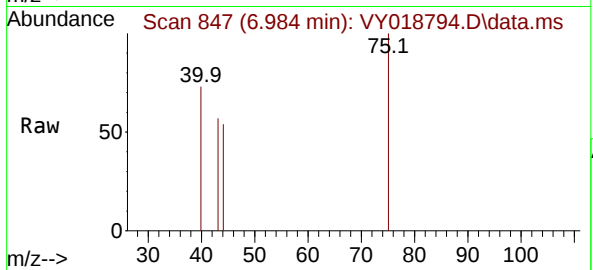
ClientSampleId :

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.512 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.030 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

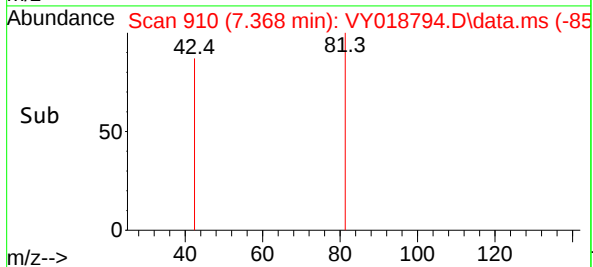
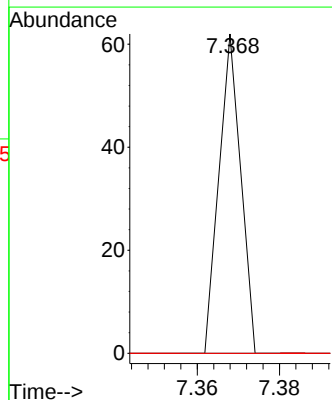
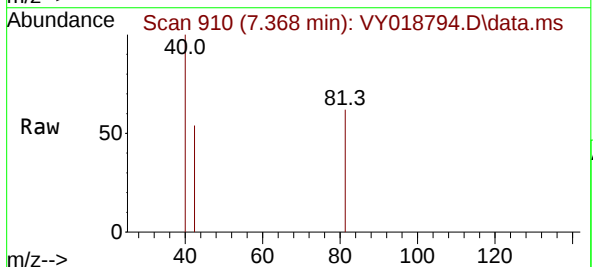
Tgt Ion: 42 Resp: 23

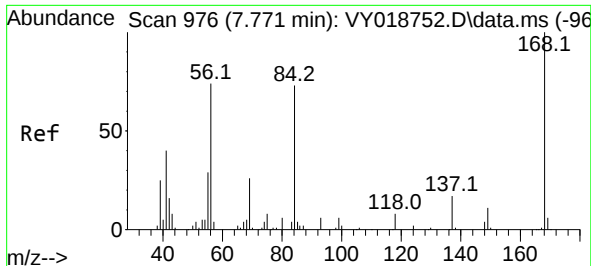
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

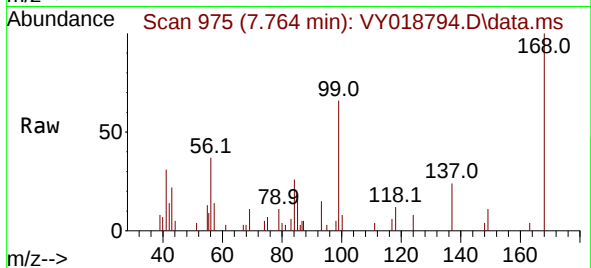
71 0.0 40.8 61.2#



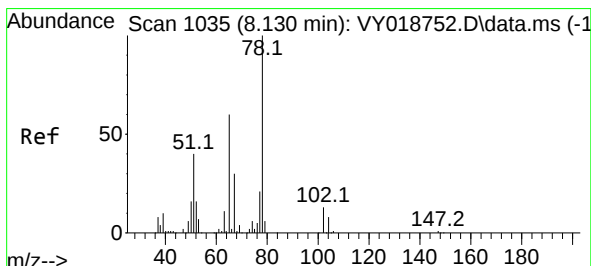
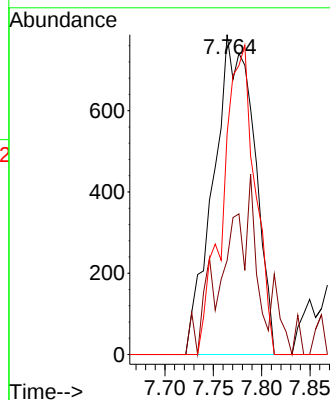
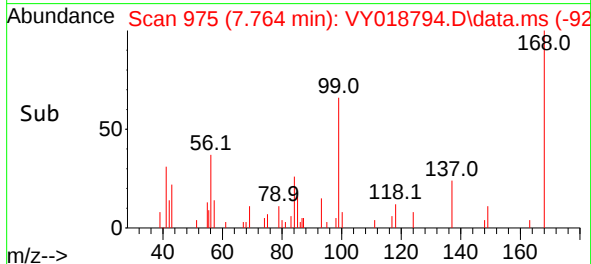


#31
Cyclohexane
Concen: 15.700 ug/l
RT: 7.764 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

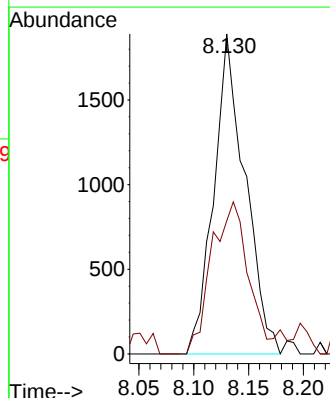
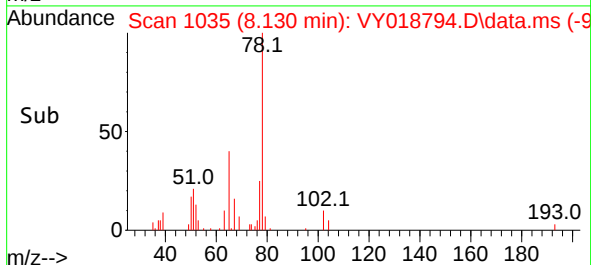
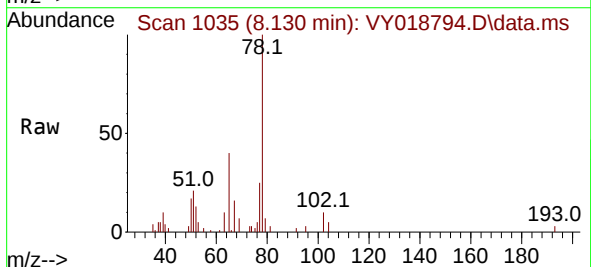


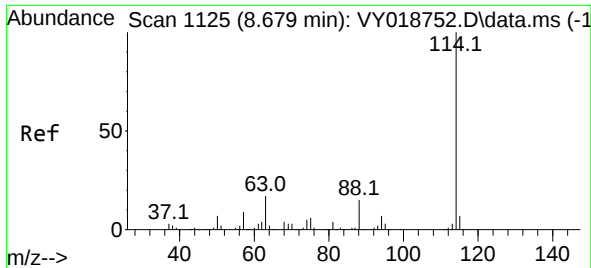
Tgt Ion: 56 Resp: 2316
Ion Ratio Lower Upper
56 100
69 29.4 28.7 43.1
84 68.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 39.085 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 65 Resp: 3753
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

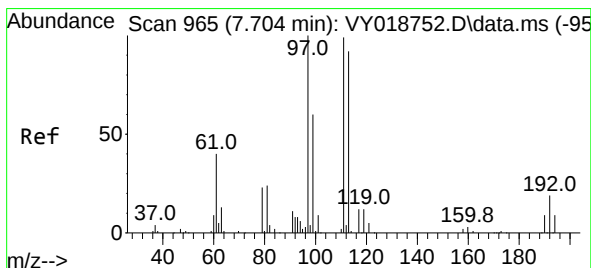
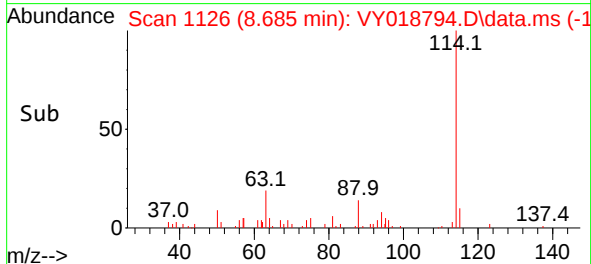
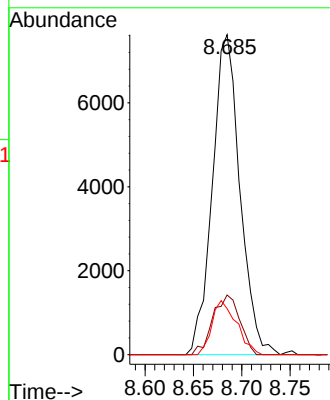
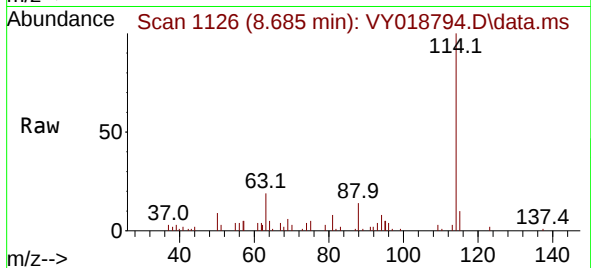




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

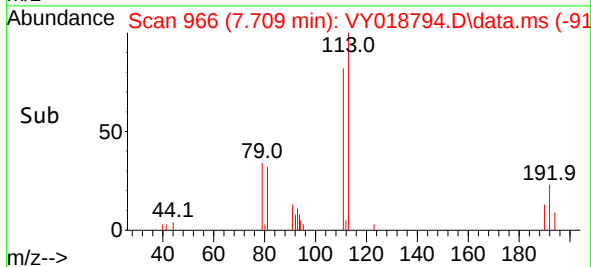
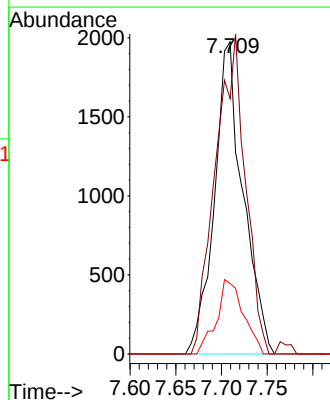
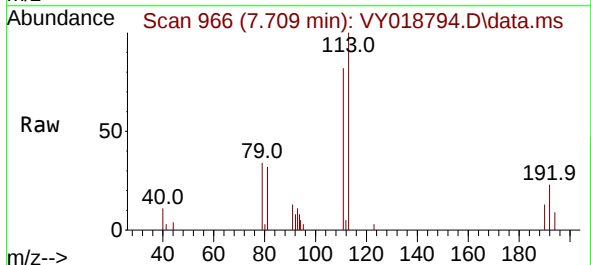
Instrument :
MSVOA_Y
ClientSampleId :

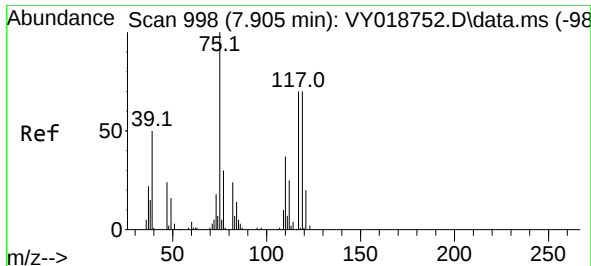
Tgt Ion:114 Resp: 15123
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.556 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion:113 Resp: 4315
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.4
192 22.2 15.9 23.9

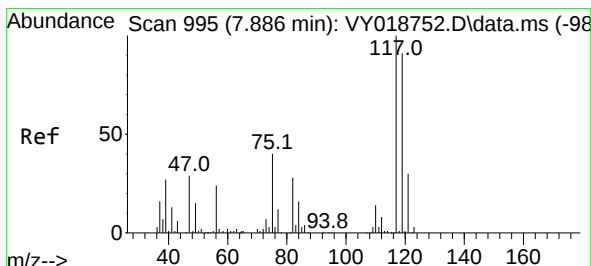
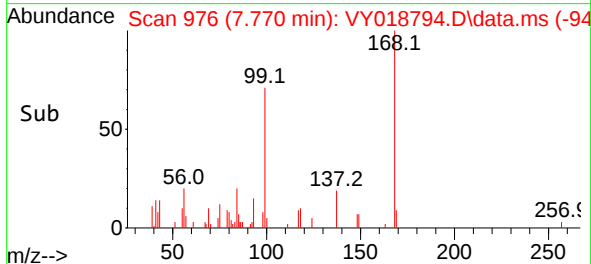
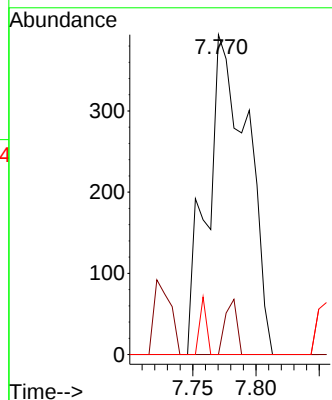
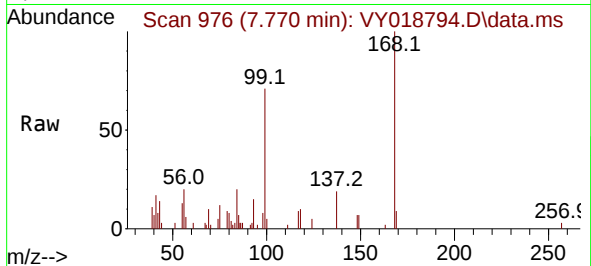




#36
1,1-Dichloropropene
Concen: 6.694 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

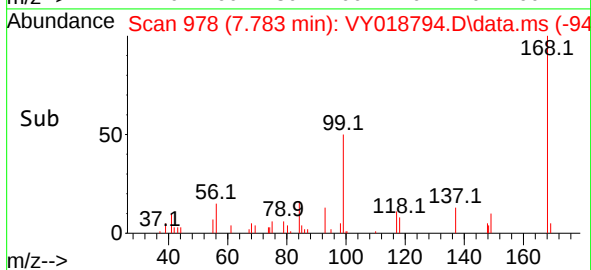
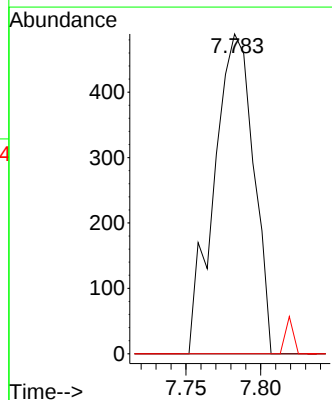
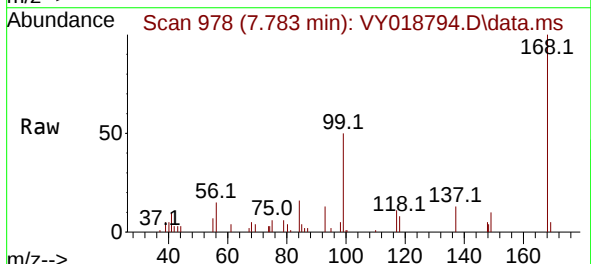
Instrument :
MSVOA_Y
ClientSampleId :

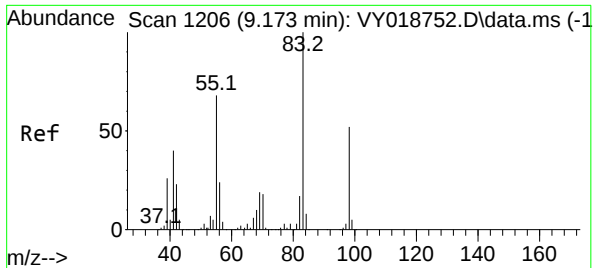
Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
110 5.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 117 Resp: 900
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 38.385 ug/l

RT: 9.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018794.D

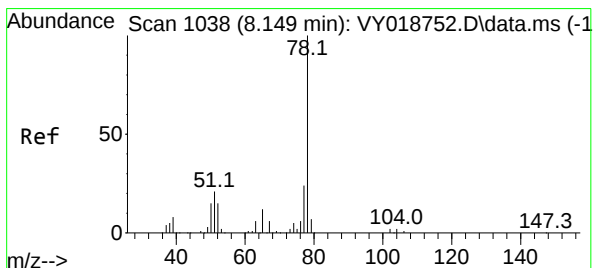
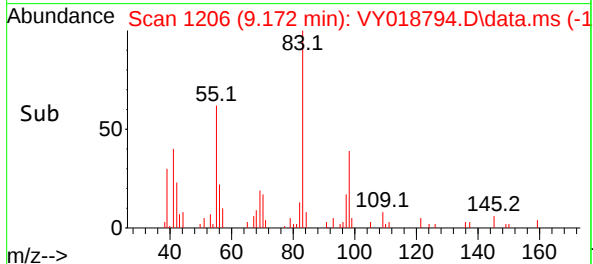
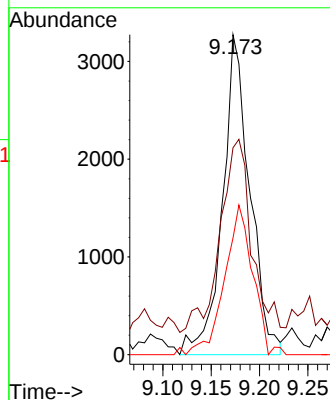
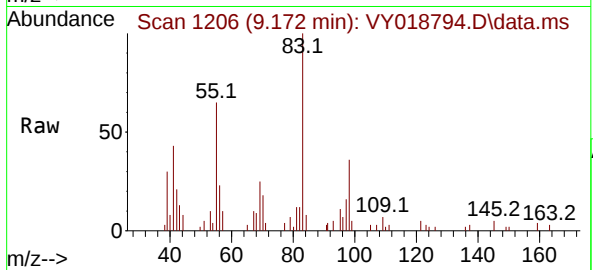
Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 6430
Ion Ratio	Lower Upper
83	100
55	57.7 51.5 77.3
98	34.2 40.5 60.7#



#40

Benzene

Concen: 78.522 ug/l

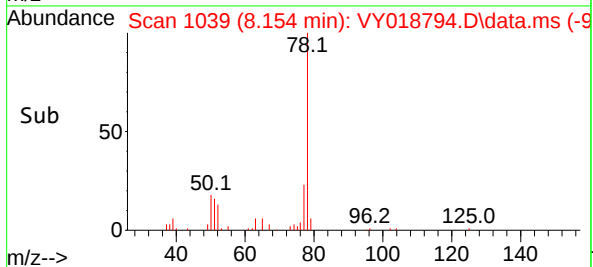
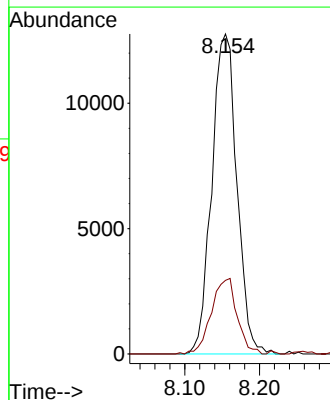
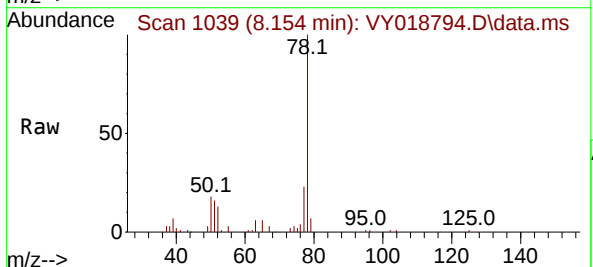
RT: 8.154 min Scan# 1039

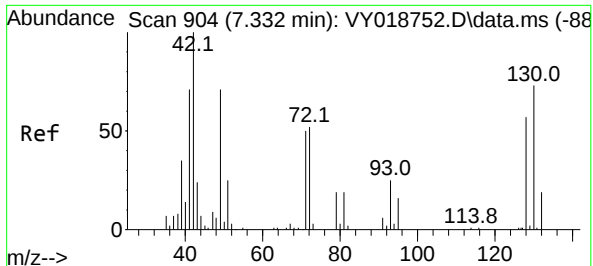
Delta R.T. 0.005 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

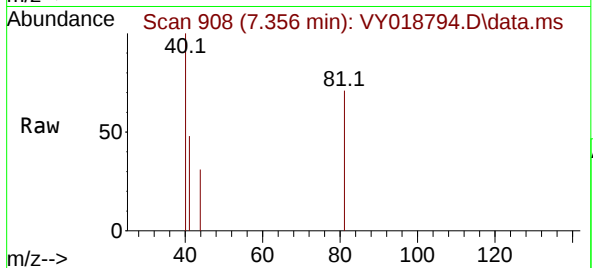
Tgt Ion: 78	Resp: 29775
Ion Ratio	Lower Upper
78	100
77	23.0 19.5 29.3



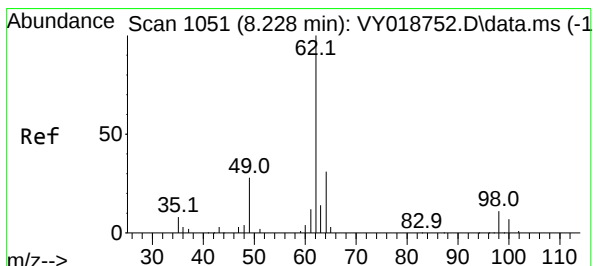
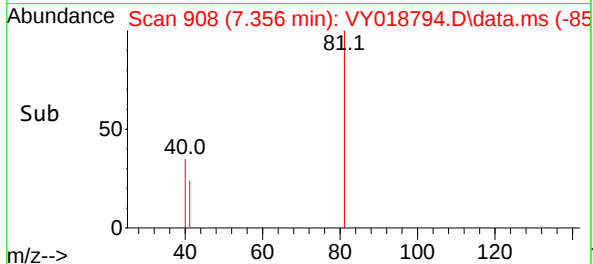
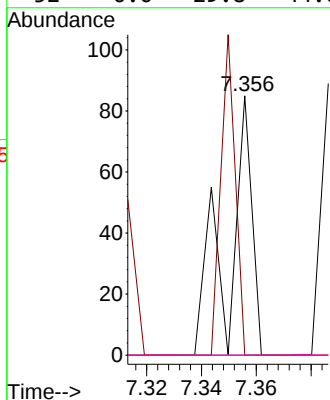


#41
Methacrylonitrile
Concen: 1.646 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

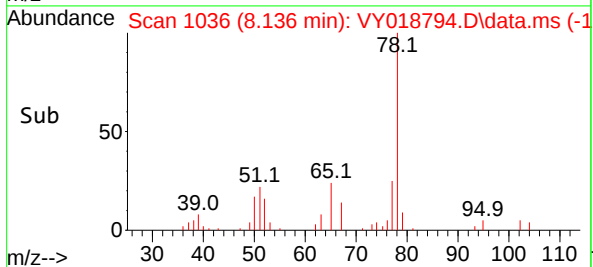
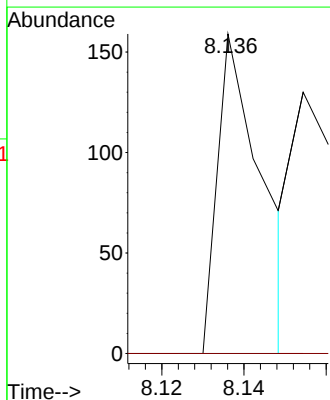
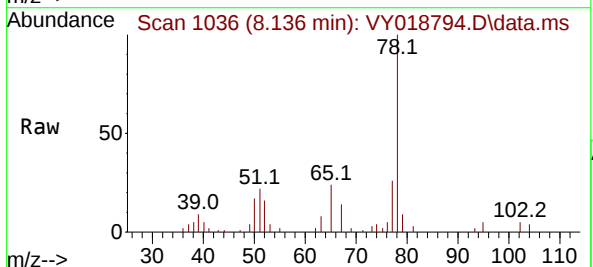


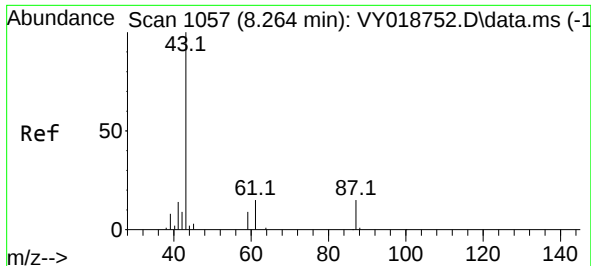
Tgt Ion:	41	Resp:	51
Ion	Ratio	Lower	Upper
41	100		
39	74.5	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 1.130 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.092 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion:	62	Resp:	120
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0

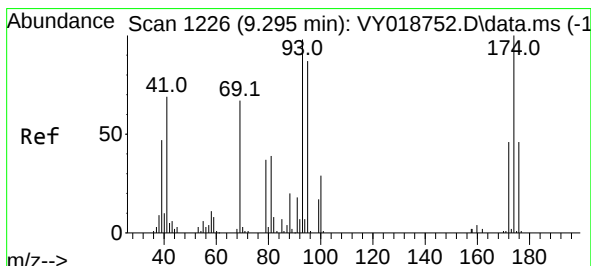
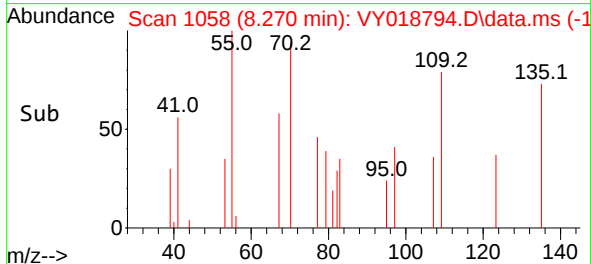
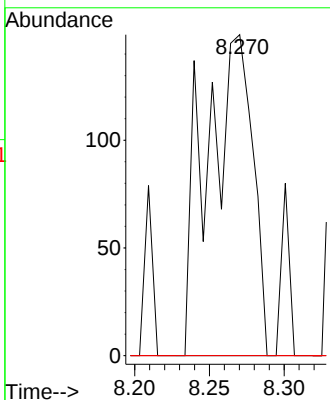
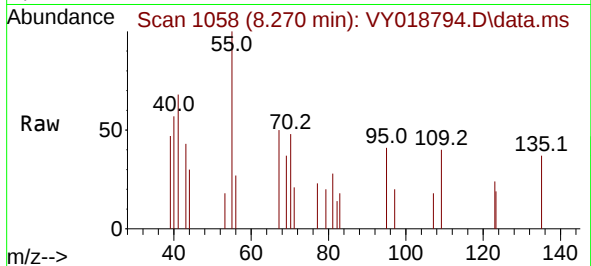




#43
Isopropyl Acetate
Concen: 2.932 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

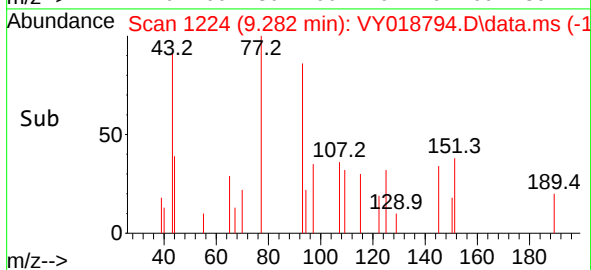
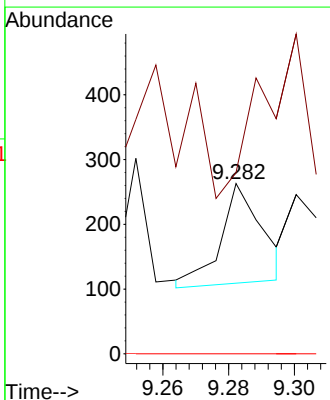
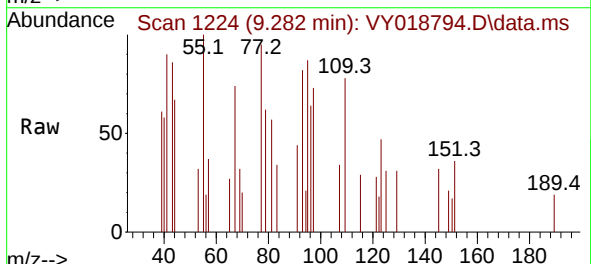
Instrument :
MSVOA_Y
ClientSampleId :

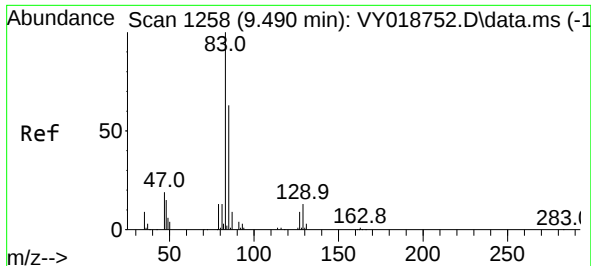
Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#46
Dibromomethane
Concen: 2.522 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.013 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 93 Resp: 135
Ion Ratio Lower Upper
93 100
95 308.9 66.2 99.4#
174 0.0 80.9 121.3#





#47

Bromodichloromethane

Concen: 2.498 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.024 min

Lab File: VY018794.D

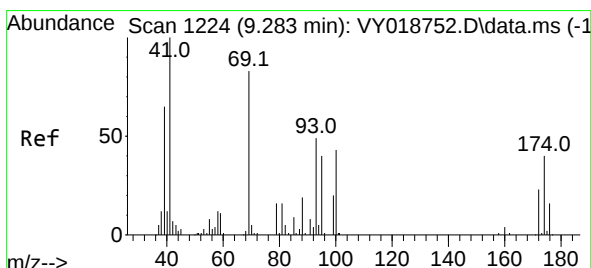
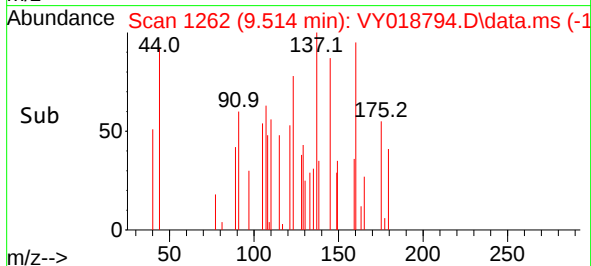
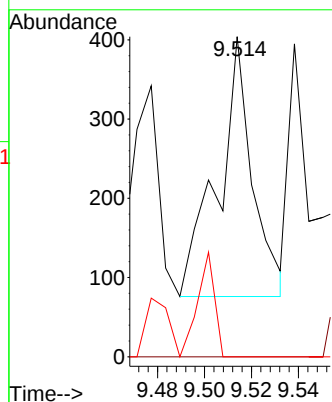
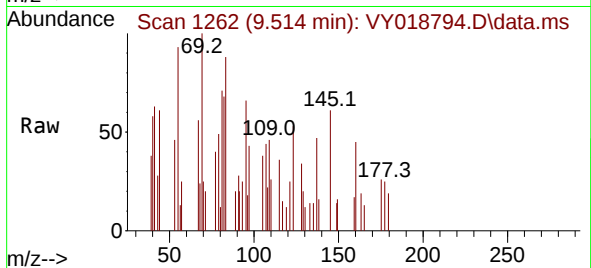
Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	334
Ion Ratio	Lower	Upper
83	100	
85	0.0	50.1 75.1#
127	0.0	7.4 11.0#



#48

Methyl methacrylate

Concen: 3.948 ug/l

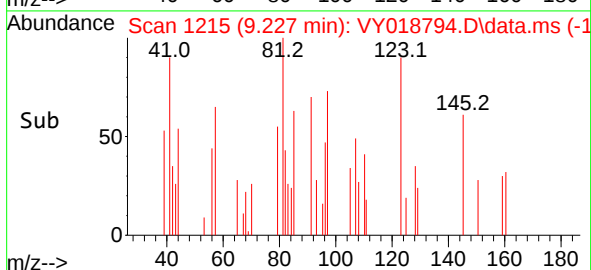
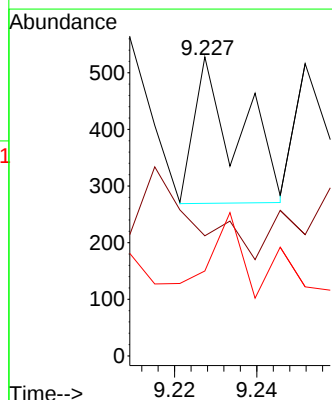
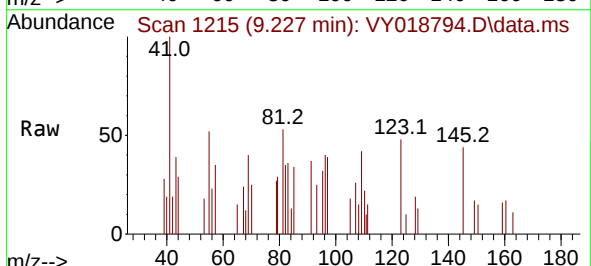
RT: 9.227 min Scan# 1215

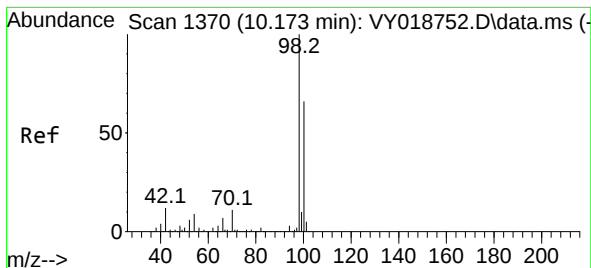
Delta R.T. -0.055 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Tgt Ion: 41	Resp:	194
Ion Ratio	Lower	Upper
41	100	
69	68.0	84.1 126.1#
39	76.8	43.6 65.4#





#50

Toluene-d8

Concen: 47.273 ug/l

RT: 10.178 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

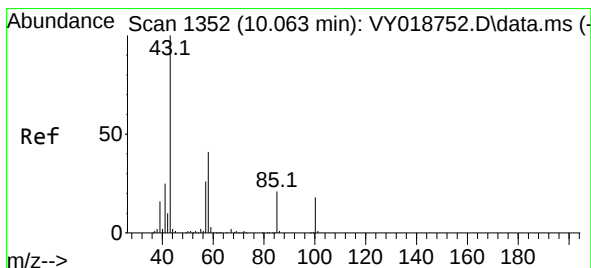
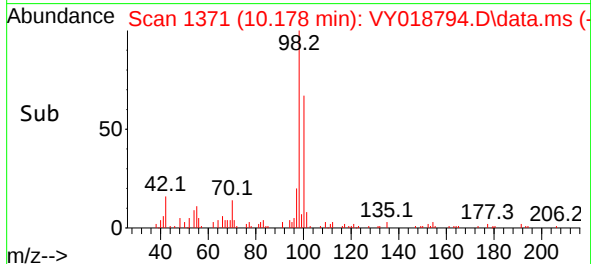
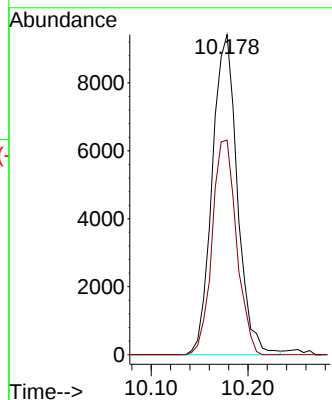
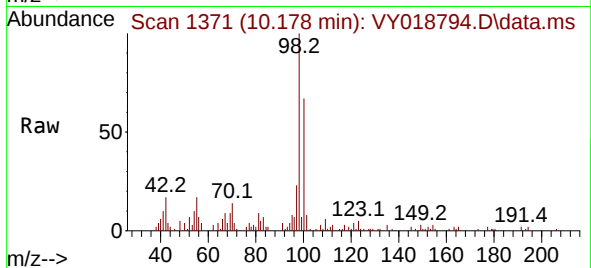
ClientSampleId :

Tgt Ion: 98 Resp: 16964

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 20.073 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY018794.D

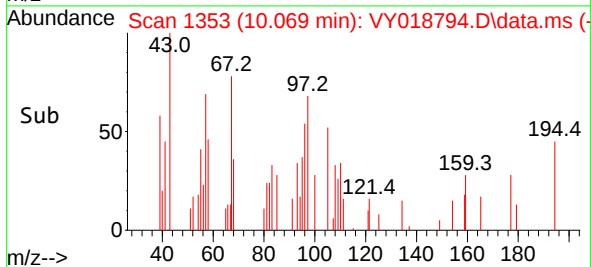
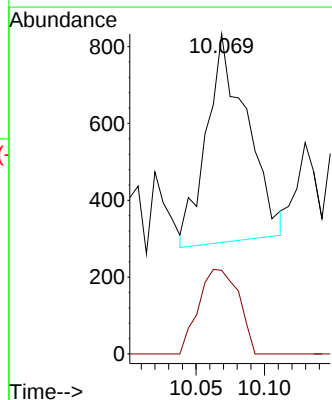
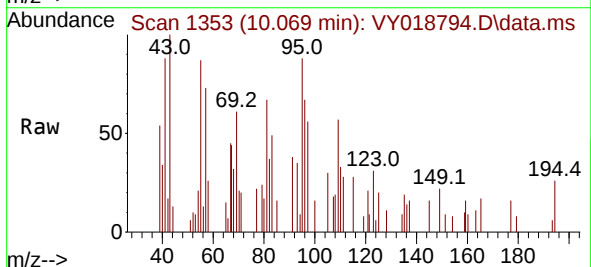
Acq: 12 Jul 2024 13:49

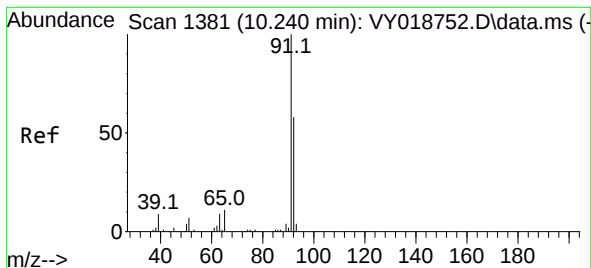
Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

43 100

58 40.3 35.7 53.5





#52

Toluene

Concen: 267.975 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

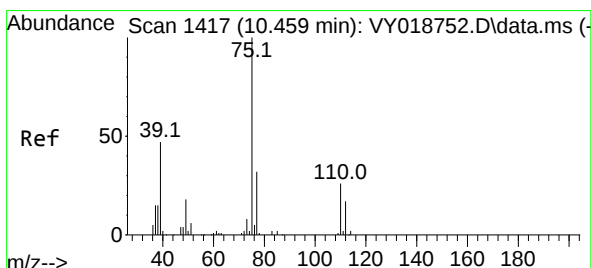
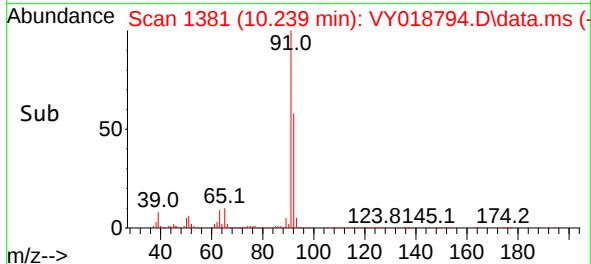
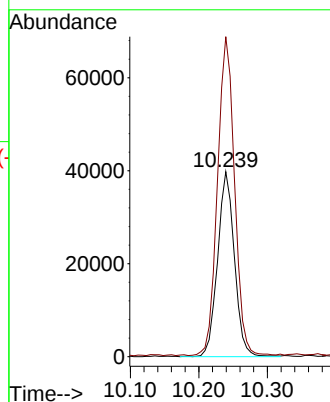
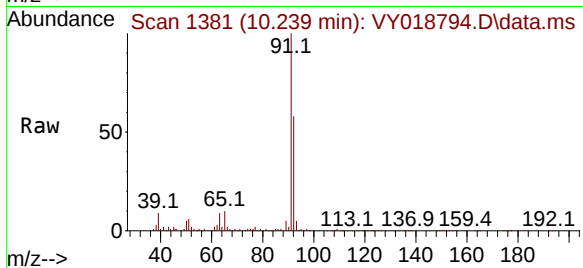
ClientSampleId :

Tgt Ion: 92 Resp: 67538

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 6.973 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.220 min

Lab File: VY018794.D

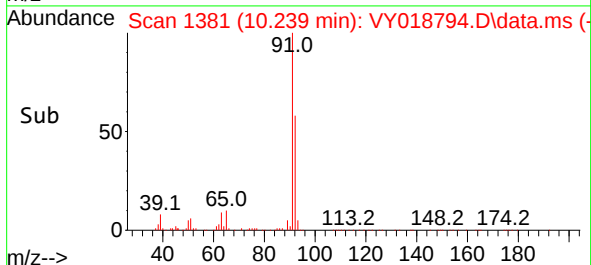
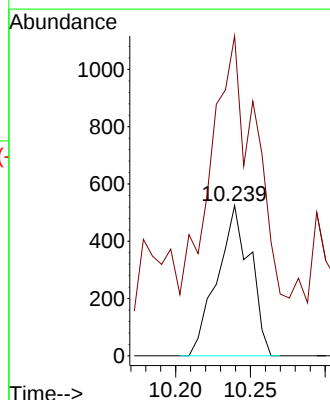
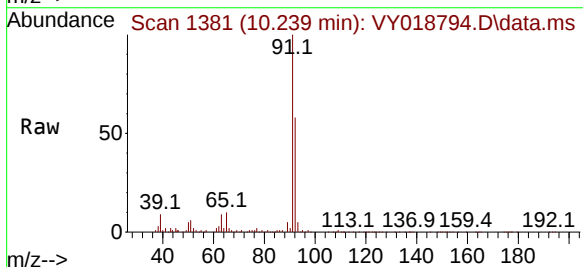
Acq: 12 Jul 2024 13:49

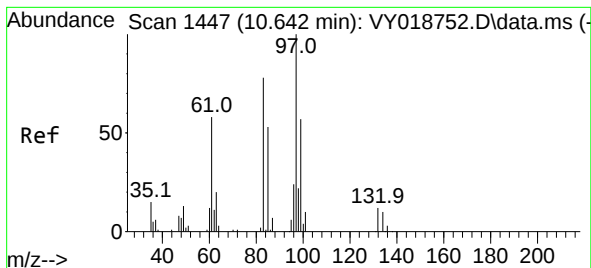
Tgt Ion: 75 Resp: 805

Ion Ratio Lower Upper

75 100

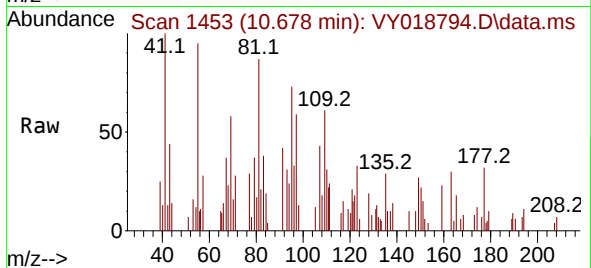
77 172.0 24.1 36.1#



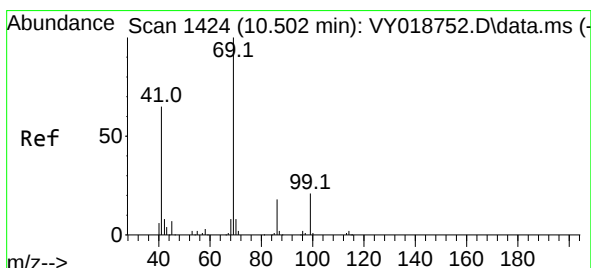
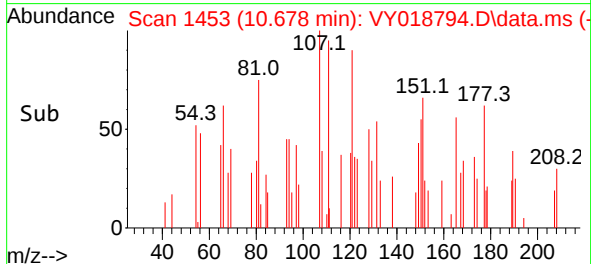
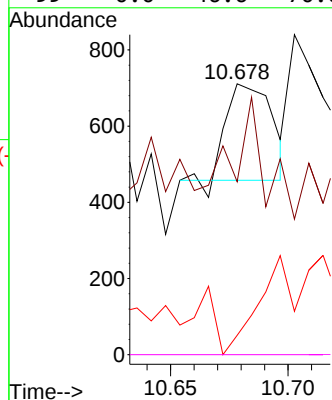


#55
1,1,2-Trichloroethane
Concen: 4.987 ug/l
RT: 10.678 min Scan# 1447
Delta R.T. 0.036 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

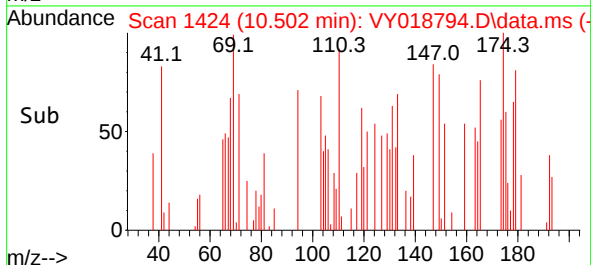
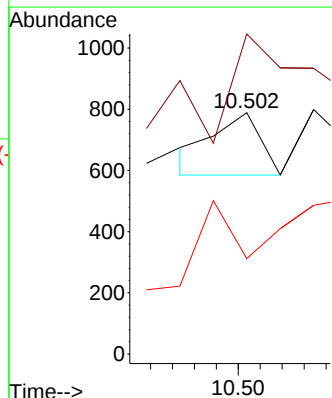
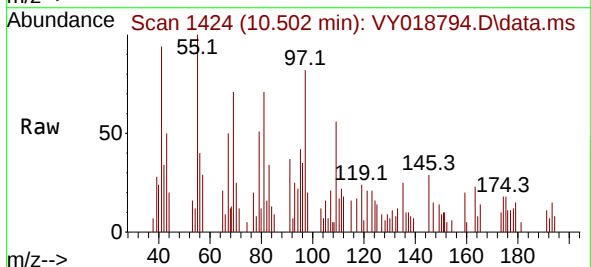


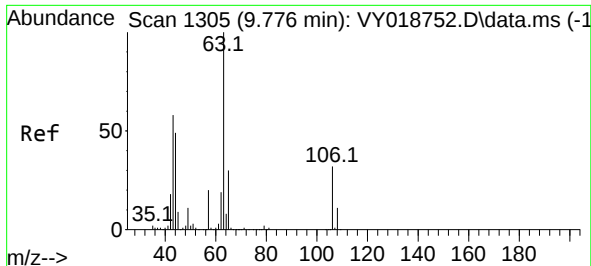
Tgt Ion: 97	Resp: 338
Ion Ratio	Lower Upper
97 100	
83 0.0	67.5 101.3#
85 0.0	42.9 64.3#
99 0.0	46.6 70.0#



#56
Ethyl methacrylate
Concen: 1.356 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 69	Resp: 121
Ion Ratio	Lower Upper
69 100	
41 283.5	42.3 63.5#
39 0.0	22.9 34.3#

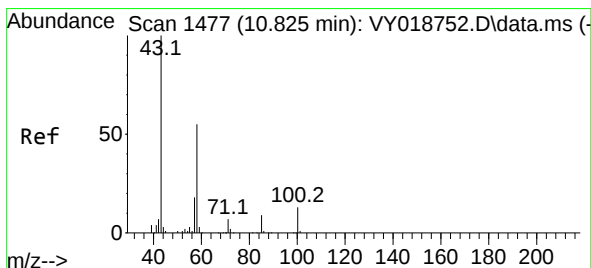
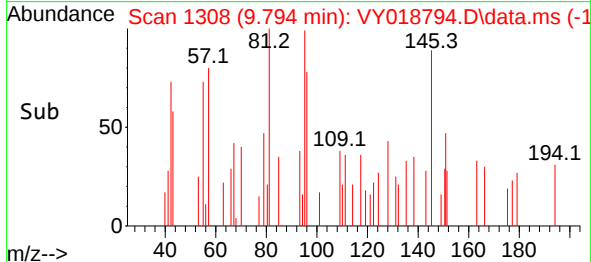
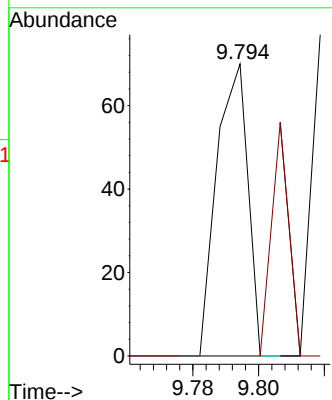
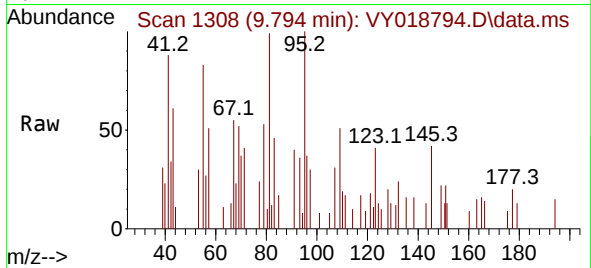




#58
2-Chloroethyl Vinyl ether
Concen: 1.079 ug/l
RT: 9.794 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

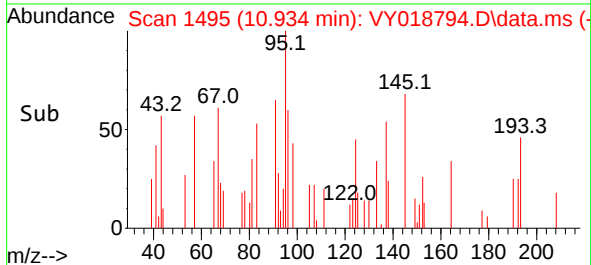
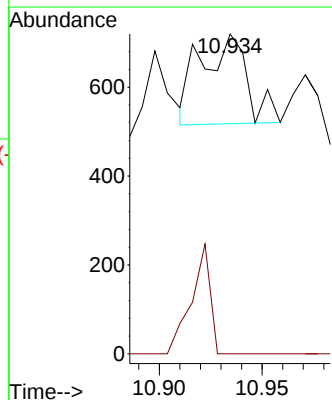
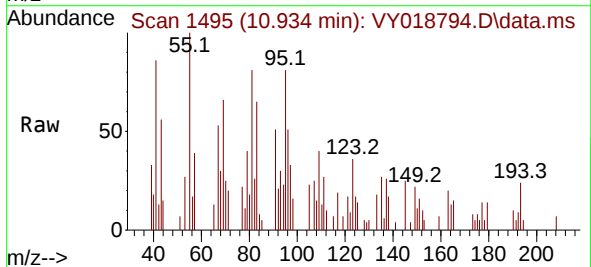
Instrument :
MSVOA_Y
ClientSampleId :

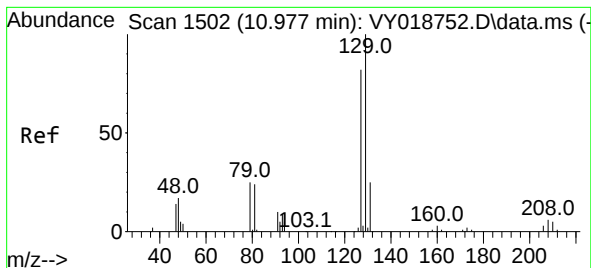
Tgt Ion: 63 Resp: 46
Ion Ratio Lower Upper
63 100
106 43.5 23.7 35.5#



#59
2-Hexanone
Concen: 8.183 ug/l
RT: 10.934 min Scan# 1495
Delta R.T. 0.109 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 50.0 31.4 94.0





#60

Dibromochloromethane

Concen: 1.621 ug/l

RT: 11.026 min Scan# 1510

Delta R.T. 0.048 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

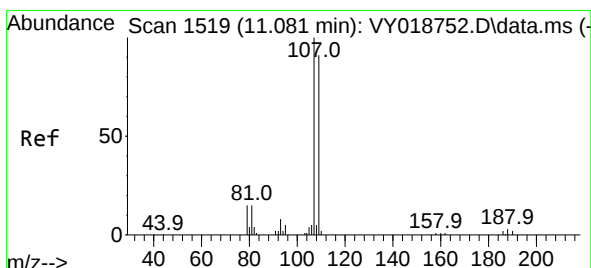
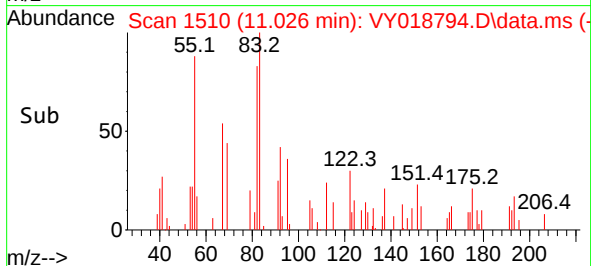
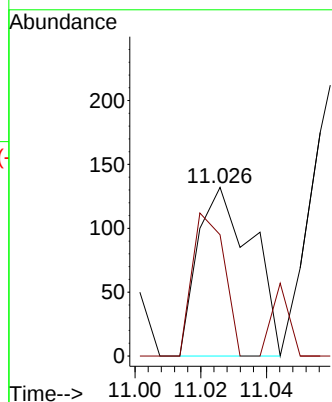
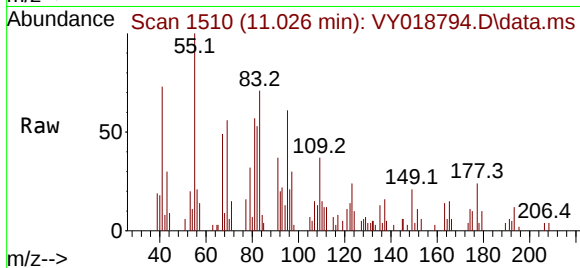
ClientSampleId :

Tgt Ion:129 Resp: 151

Ion Ratio Lower Upper

129 100

127 50.3 39.0 117.0



#61

1,2-Dibromoethane

Concen: 2.671 ug/l

RT: 11.056 min Scan# 1515

Delta R.T. -0.025 min

Lab File: VY018794.D

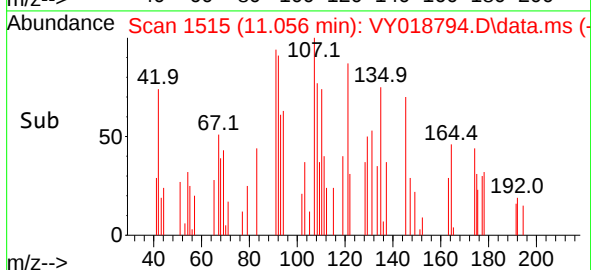
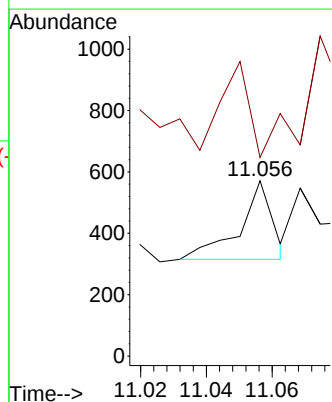
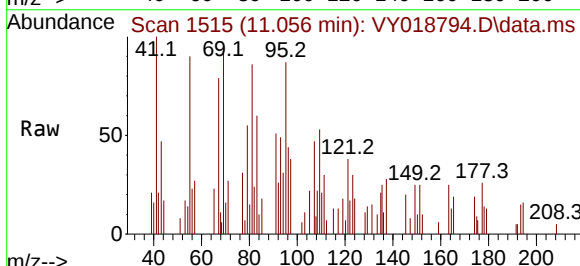
Acq: 12 Jul 2024 13:49

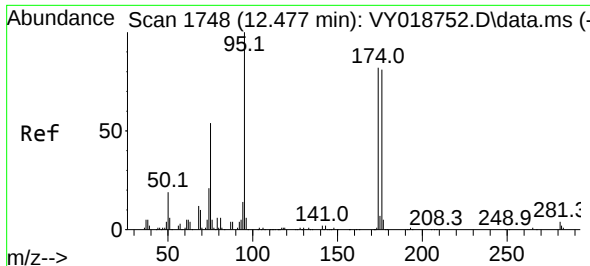
Tgt Ion:107 Resp: 176

Ion Ratio Lower Upper

107 100

109 102.8 75.9 113.9

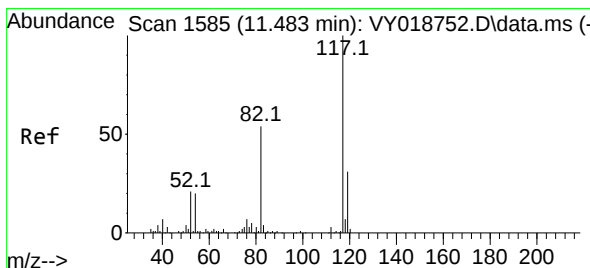
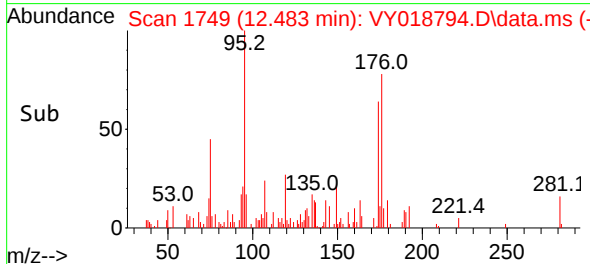
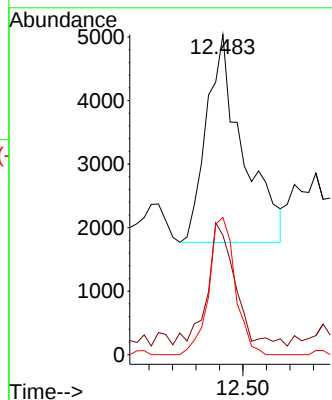
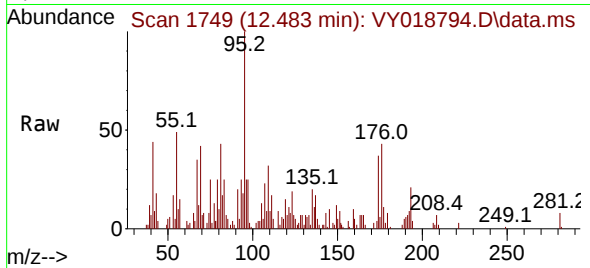




#62
4-Bromofluorobenzene
Concen: 57.226 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

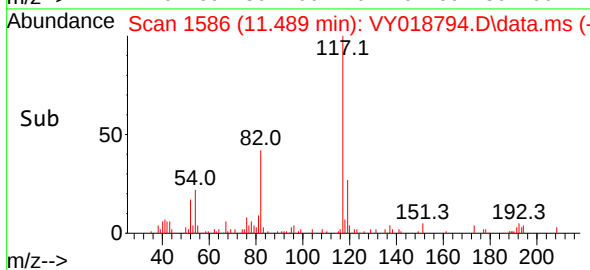
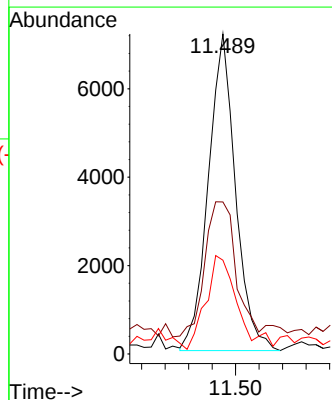
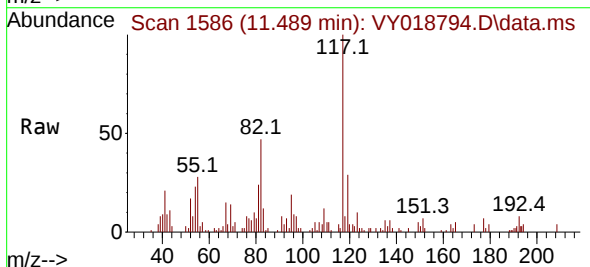
Instrument :
MSVOA_Y
ClientSampleId :

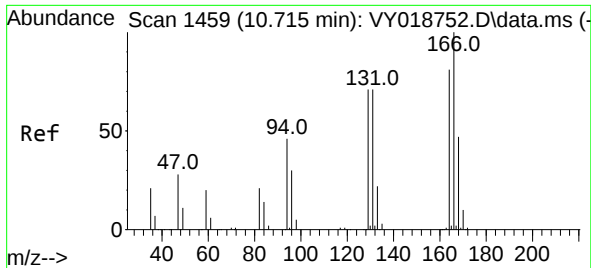
Tgt Ion: 95	Resp: 7013
Ion Ratio	Lower Upper
95 100	
174 42.9	0.0 175.6
176 47.8	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

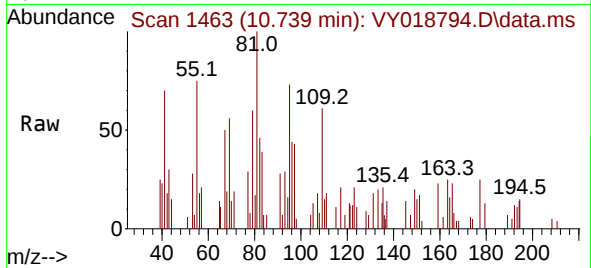
Tgt Ion: 117	Resp: 11524
Ion Ratio	Lower Upper
117 100	
82 42.4	42.4 63.6#
119 26.2	25.9 38.9



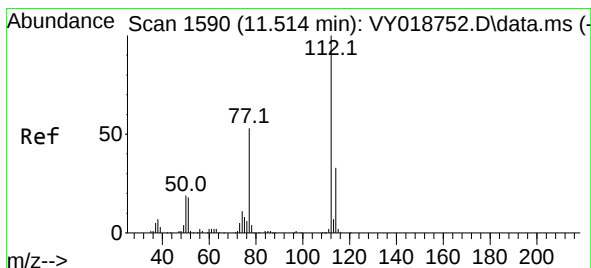
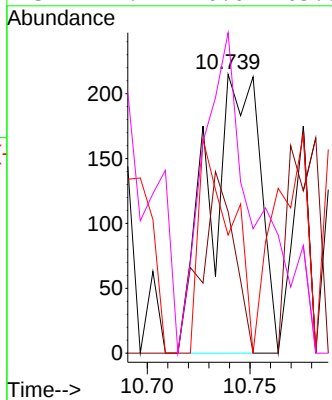
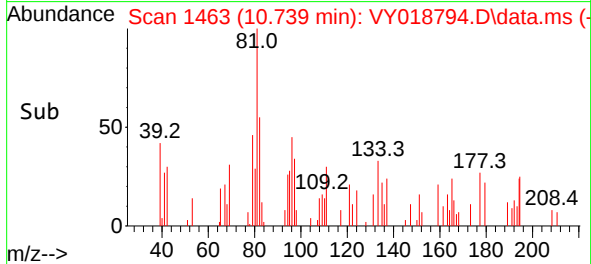


#64
Tetrachloroethene
Concen: 3.977 ug/l
RT: 10.739 min Scan# 1459
Delta R.T. 0.024 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

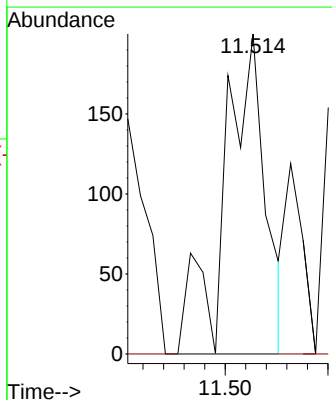
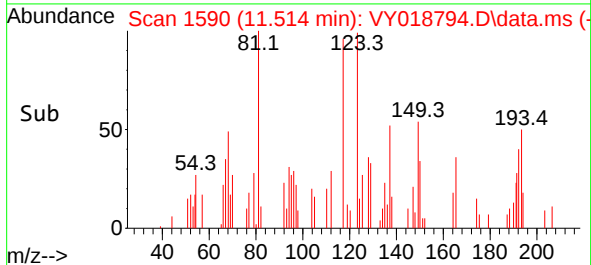
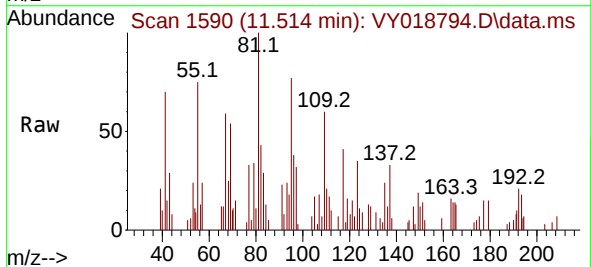


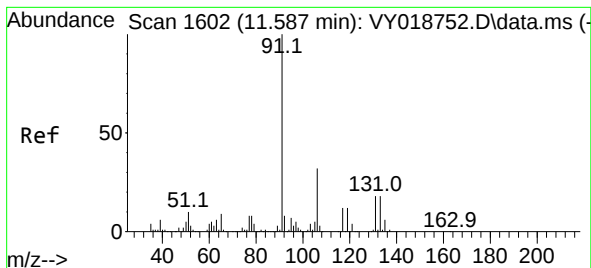
Tgt Ion:164 Resp: 371
Ion Ratio Lower Upper
164 100
166 50.7 102.6 154.0#
129 42.3 72.0 108.0#
131 114.9 70.0 105.0#



#65
Chlorobenzene
Concen: 1.148 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion:112 Resp: 279
Ion Ratio Lower Upper
112 100
114 0.0 26.4 39.6#

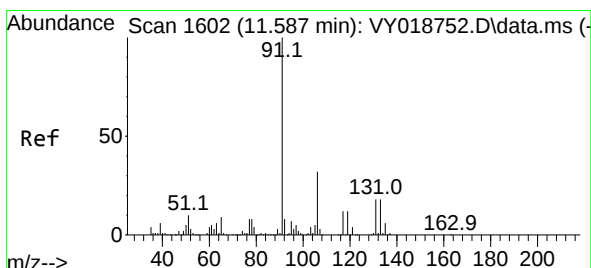
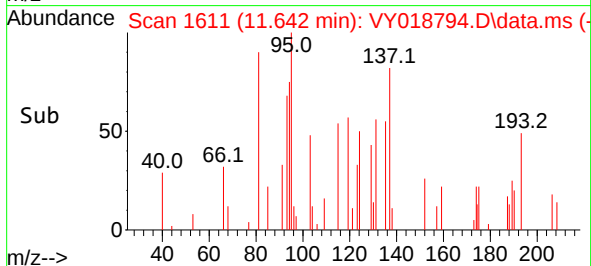
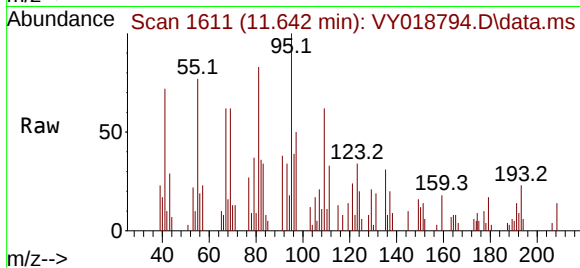




#66
1,1,1,2-Tetrachloroethane
Concen: 2.054 ug/l
RT: 11.642 min Scan# 1
Delta R.T. 0.055 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

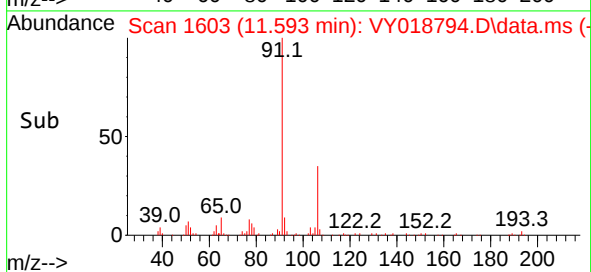
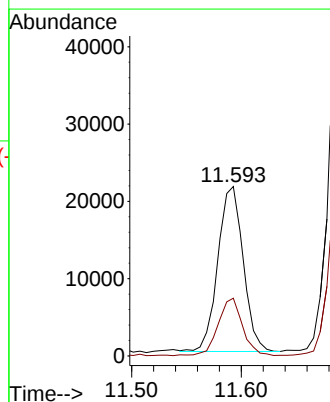
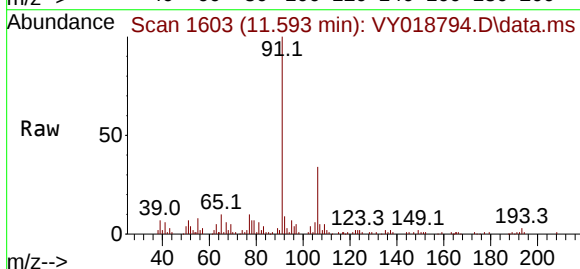
Instrument :
MSVOA_Y
ClientSampleId :

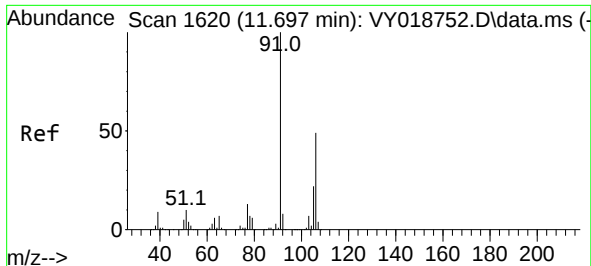
Tgt Ion:131 Resp: 172
Ion Ratio Lower Upper
131 100
133 125.0 47.8 143.3
119 89.0 34.1 102.2



#67
Ethyl Benzene
Concen: 80.685 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 91 Resp: 34361
Ion Ratio Lower Upper
91 100
106 34.7 24.5 36.7

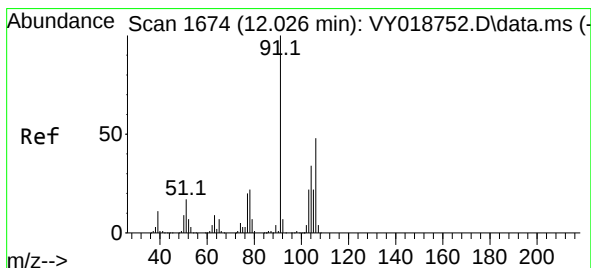
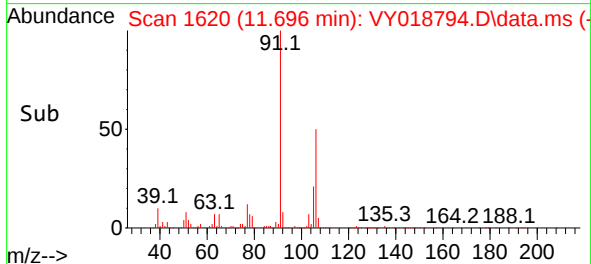
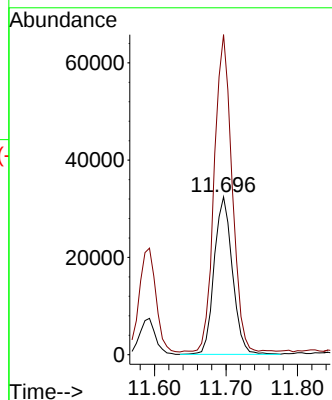
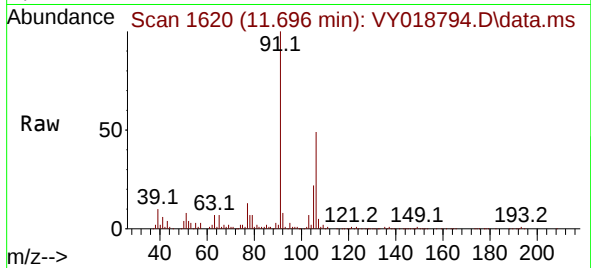




#68
m/p-Xylenes
Concen: 341.727 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

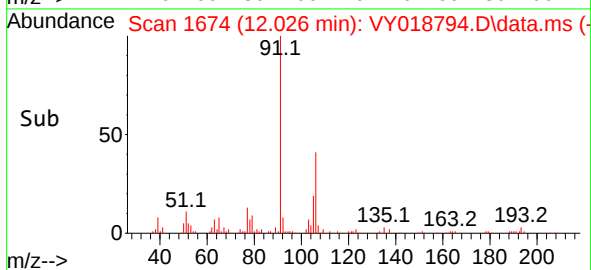
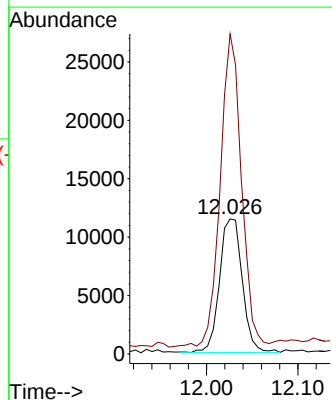
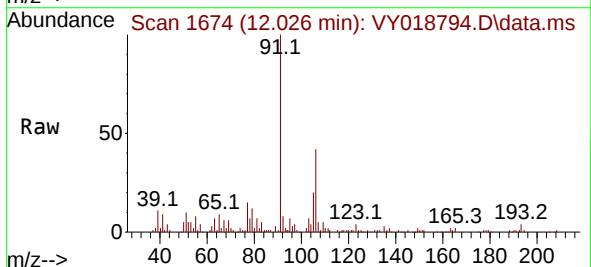
Instrument :
MSVOA_Y
ClientSampleId :

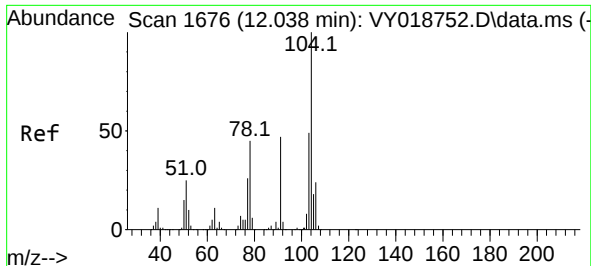
Tgt Ion:106 Resp: 57109
Ion Ratio Lower Upper
106 100
91 197.1 156.0 234.0



#69
o-Xylene
Concen: 126.123 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion:106 Resp: 19816
Ion Ratio Lower Upper
106 100
91 217.4 103.6 310.8

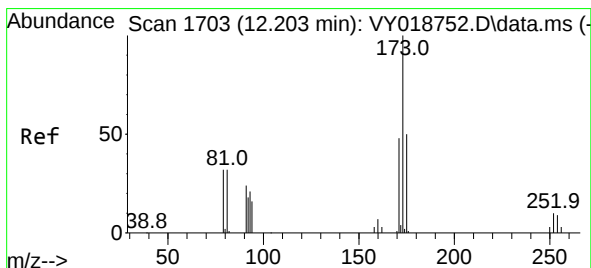
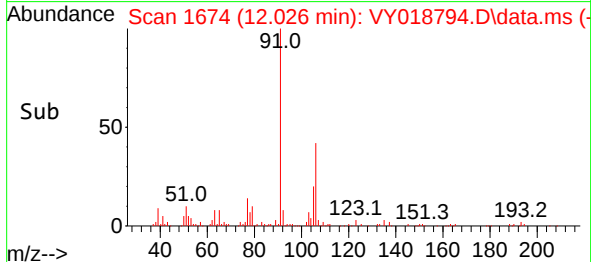
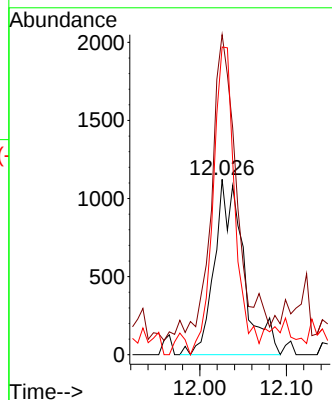
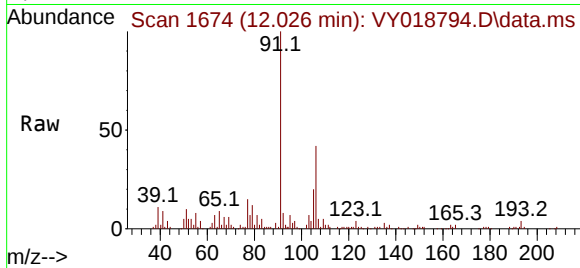




#70
Styrene
Concen: 9.967 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

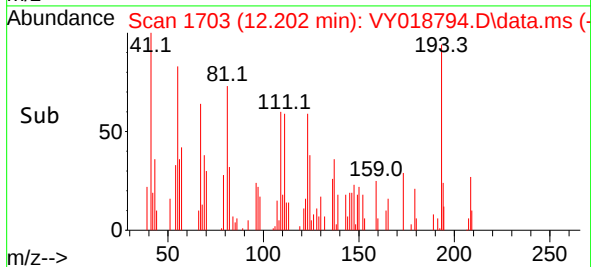
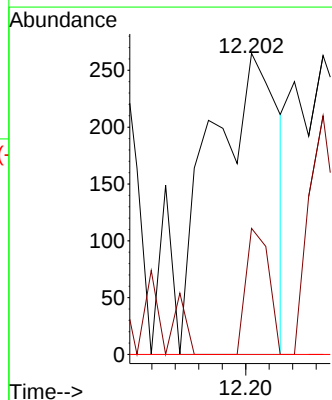
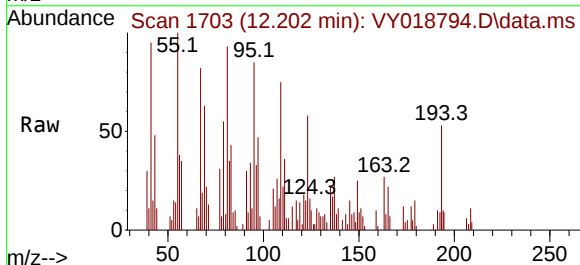
Instrument :
MSVOA_Y
ClientSampleId :

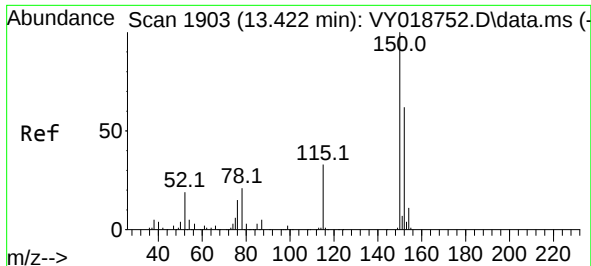
Tgt Ion:104 Resp: 2613
Ion Ratio Lower Upper
104 100
78 163.9 37.0 55.4#
103 132.8 44.2 66.2#



#71
Bromoform
Concen: 11.631 ug/l
RT: 12.202 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

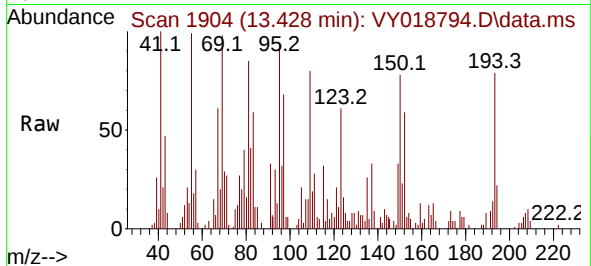
Tgt Ion:173 Resp: 531
Ion Ratio Lower Upper
173 100
175 14.1 25.1 75.3#
254 0.0 0.0 0.0



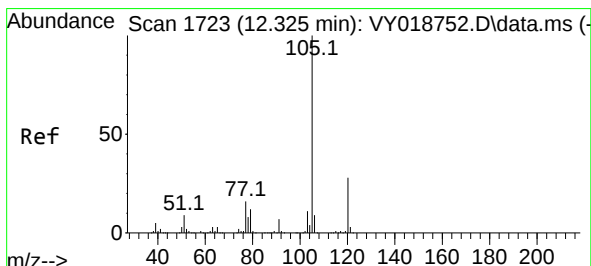
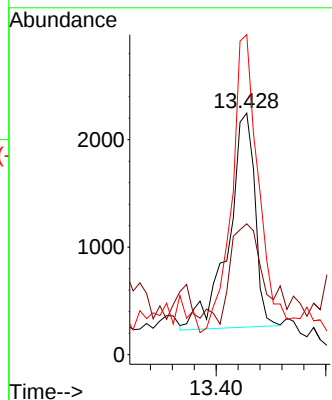
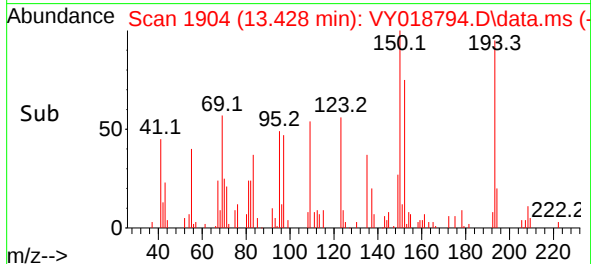


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

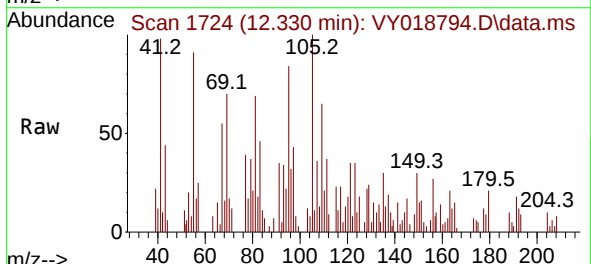
Instrument :
MSVOA_Y
ClientSampleId :



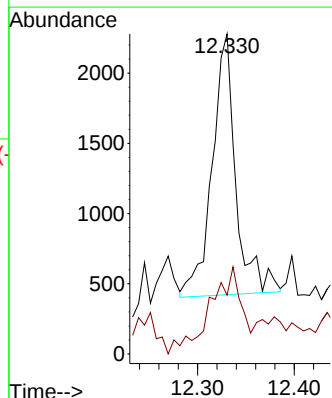
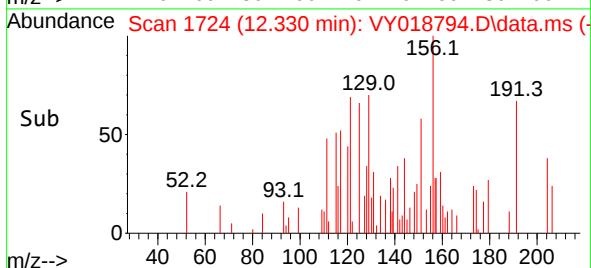
Tgt Ion:152 Resp: 3335
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 143.1 0.0 345.6

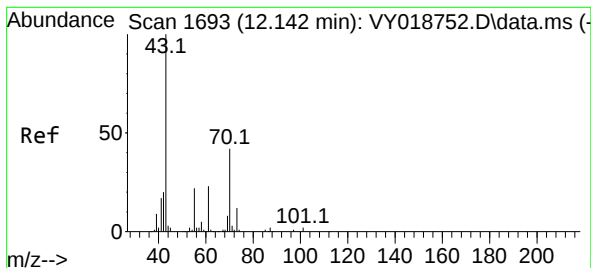


#73
Isopropylbenzene
Concen: 12.951 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49



Tgt Ion:105 Resp: 3161
Ion Ratio Lower Upper
105 100
120 44.4 13.4 40.1#





#74

N-amy1 acetate

Concen: 40.268 ug/l

RT: 12.087 min Scan# 1

Delta R.T. -0.055 min

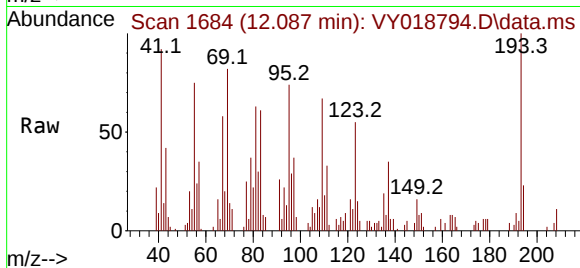
Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 2010

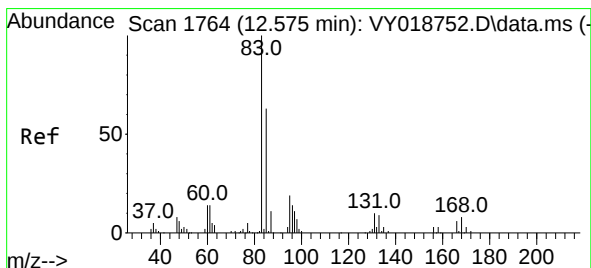
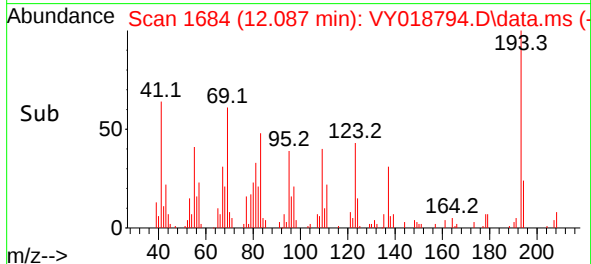
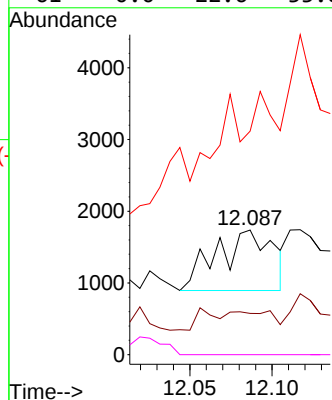
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 26.3 23.3 34.9

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 20.116 ug/l

RT: 12.556 min Scan# 1761

Delta R.T. -0.019 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

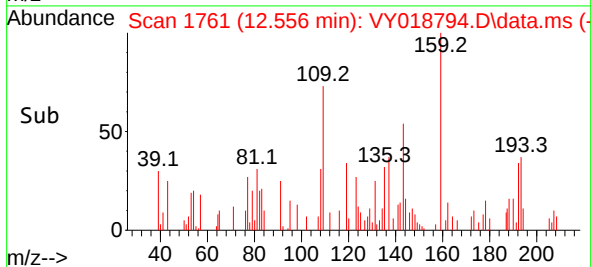
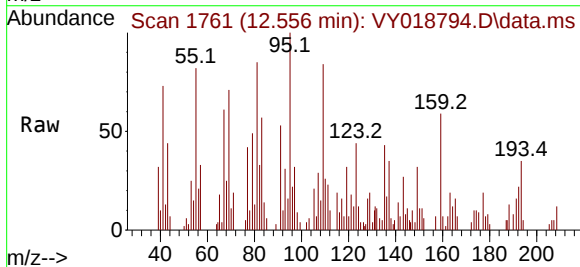
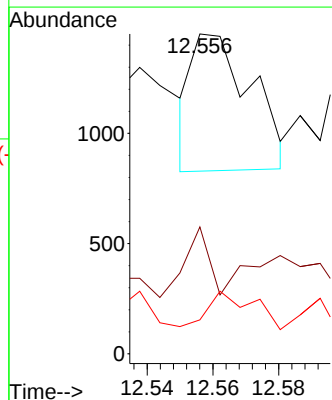
Tgt Ion: 83 Resp: 774

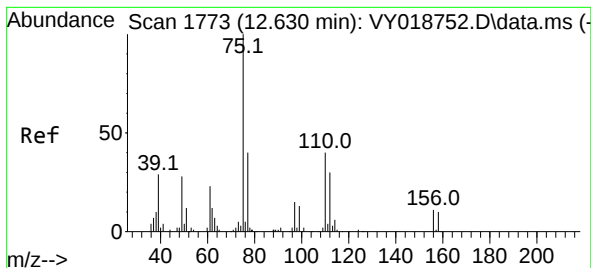
Ion Ratio Lower Upper

83 100

131 23.0 5.0 14.9#

85 21.6 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 4.747 ug/l

RT: 12.532 min Scan# 1757

Delta R.T. -0.098 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

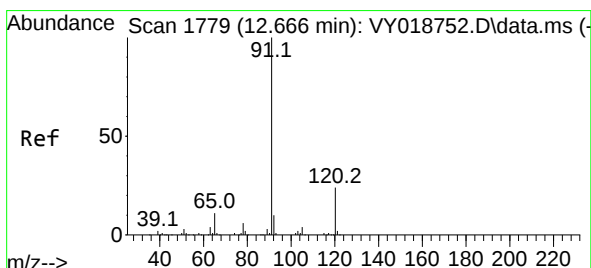
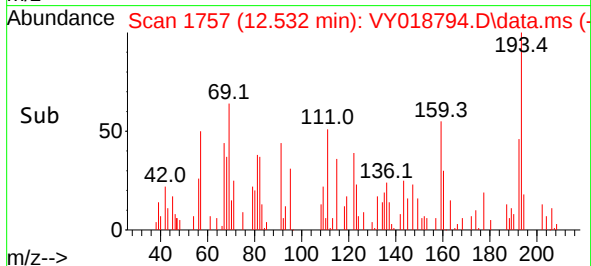
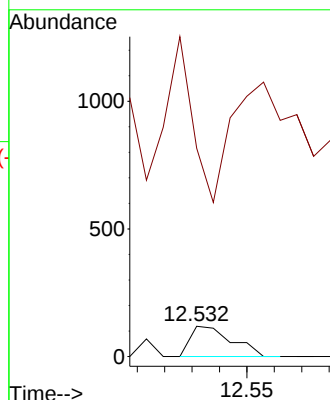
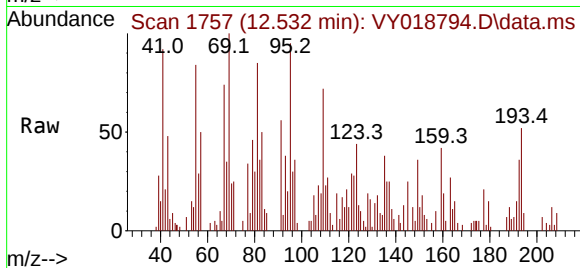
ClientSampleId :

Tgt Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

77 579.0 0.0 0.0#



#78

n-propylbenzene

Concen: 23.792 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018794.D

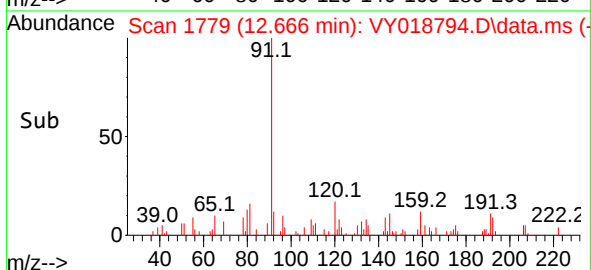
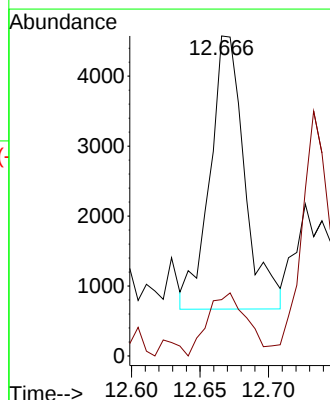
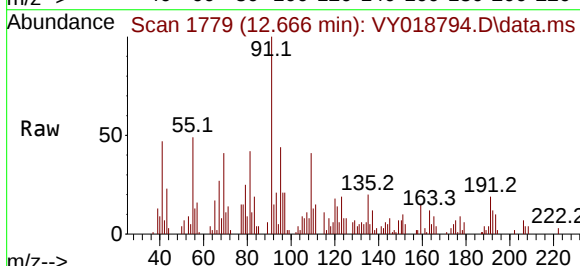
Acq: 12 Jul 2024 13:49

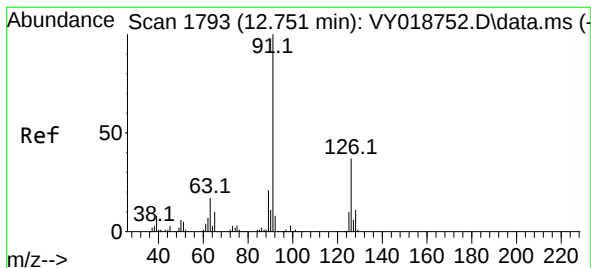
Tgt Ion: 91 Resp: 6896

Ion Ratio Lower Upper

91 100

120 25.9 11.5 34.4

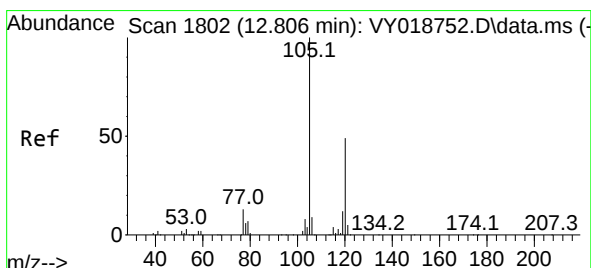
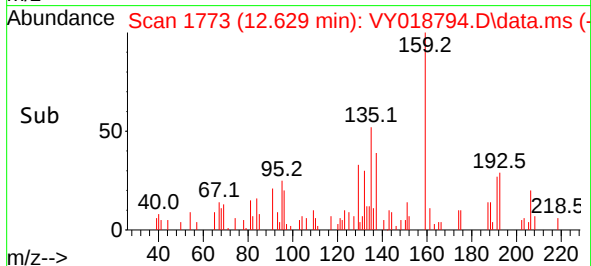
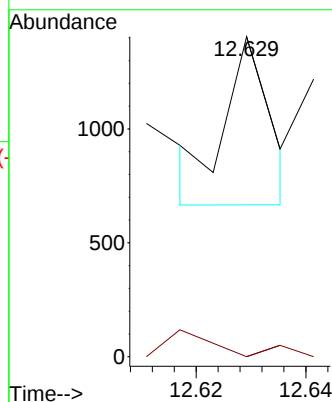
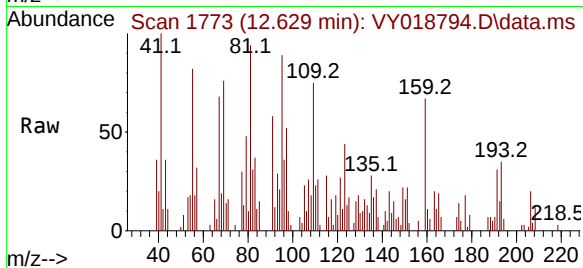




#79
2-Chlorotoluene
Concen: 2.528 ug/l
RT: 12.629 min Scan# 11
Delta R.T. -0.122 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

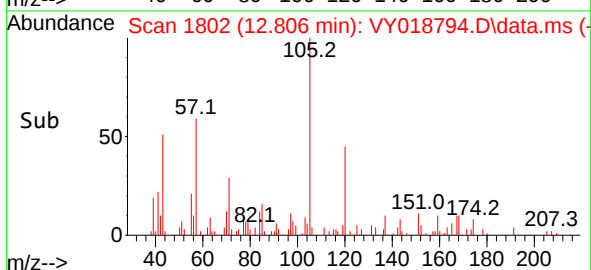
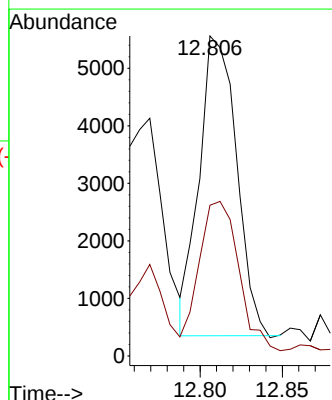
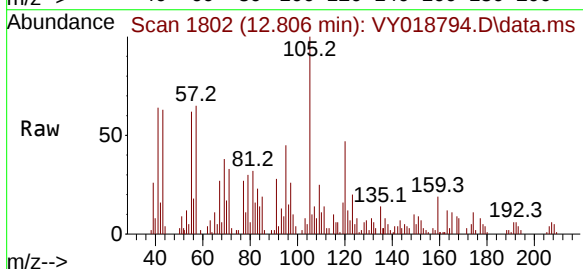
Instrument :
MSVOA_Y
ClientSampleId :

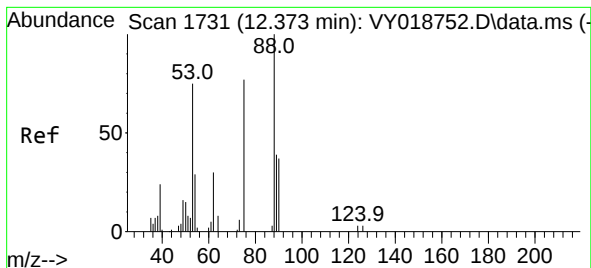
Tgt Ion: 91 Resp: 412
Ion Ratio Lower Upper
91 100
126 24.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 41.025 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 105 Resp: 8193
Ion Ratio Lower Upper
105 100
120 53.2 25.1 75.2

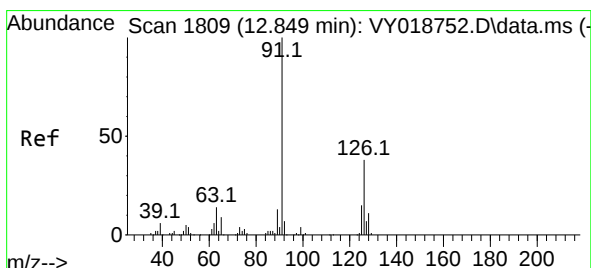
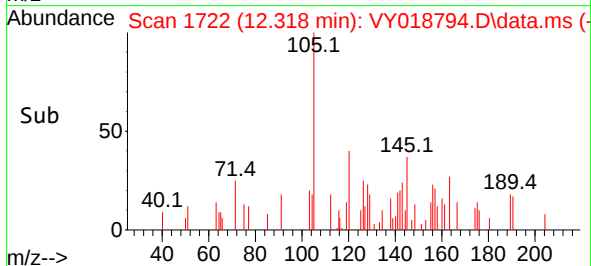
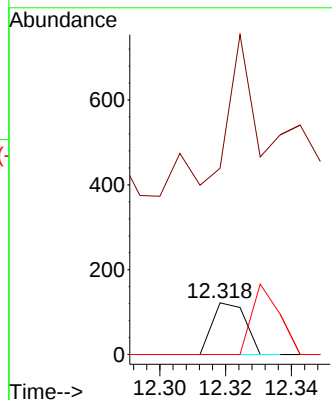
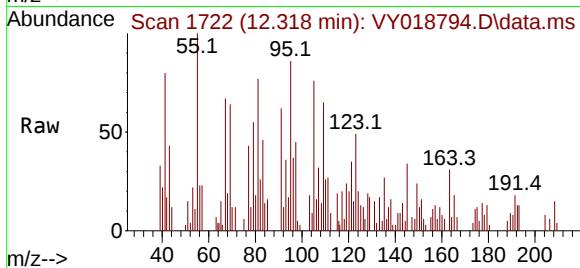




#81
trans-1,4-Dichloro-2-butene
Concen: 7.283 ug/l
RT: 12.318 min Scan# 11
Delta R.T. -0.055 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

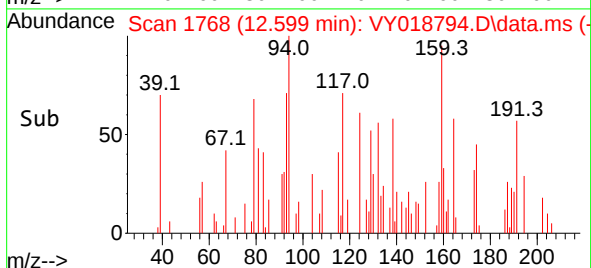
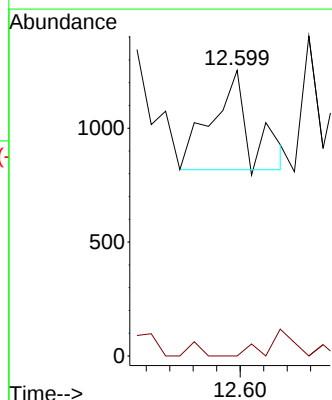
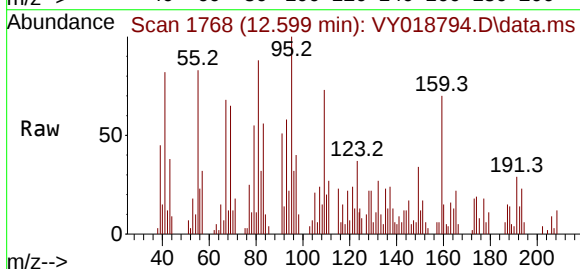
Instrument :
MSVOA_Y
ClientSampleId :

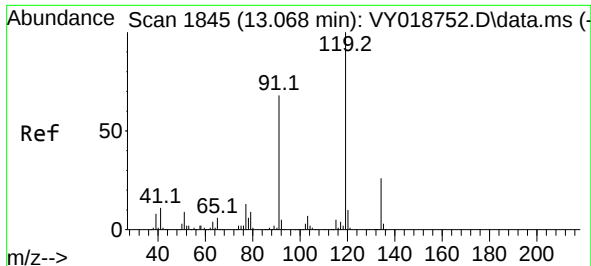
Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
53 349.4 66.8 100.2#
89 111.8 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.015 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.250 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion: 91 Resp: 506
Ion Ratio Lower Upper
91 100
126 20.2 17.6 52.9

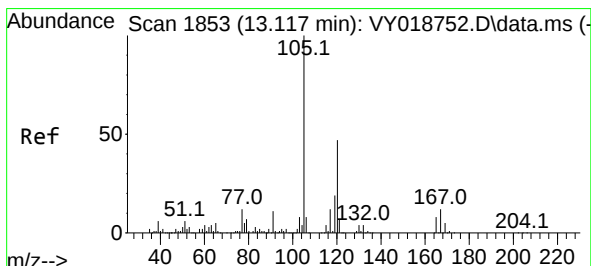
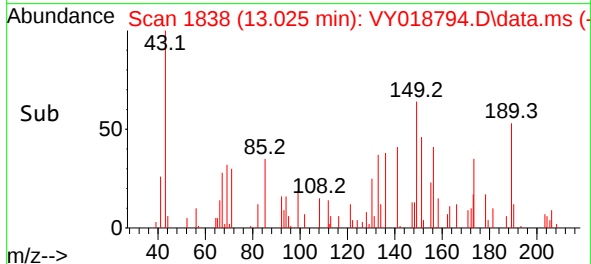
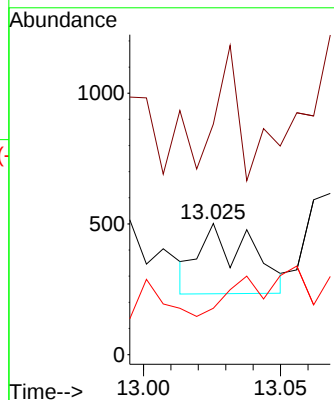
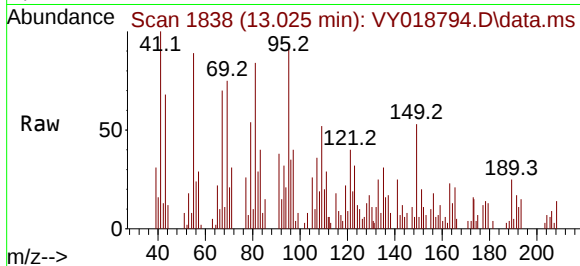




#83
tert-Butylbenzene
Concen: 1.860 ug/l
RT: 13.025 min Scan# 1838
Delta R.T. -0.043 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

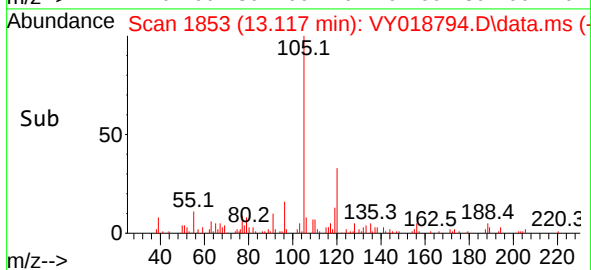
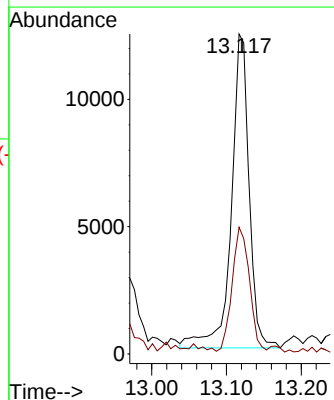
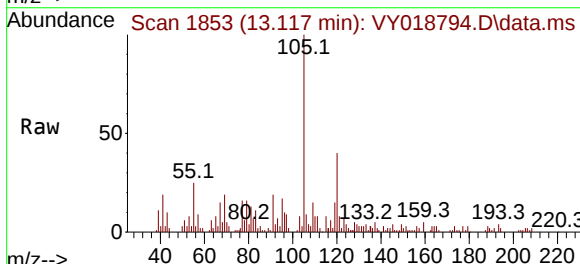
Instrument :
MSVOA_Y
ClientSampleId :

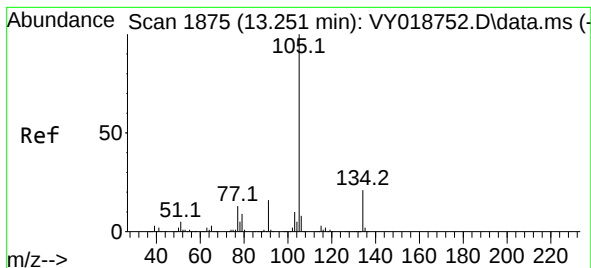
Tgt Ion:119 Resp: 343
Ion Ratio Lower Upper
119 100
91 89.8 31.3 93.8
134 37.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 102.760 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

Tgt Ion:105 Resp: 20393
Ion Ratio Lower Upper
105 100
120 38.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.050 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

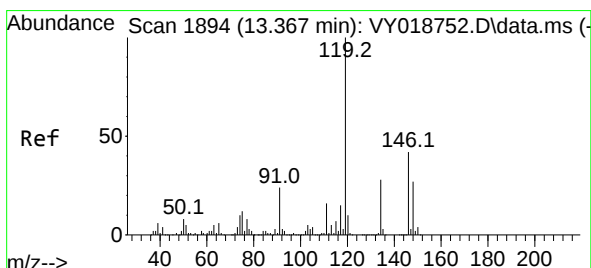
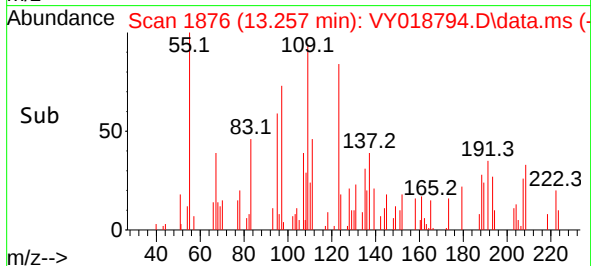
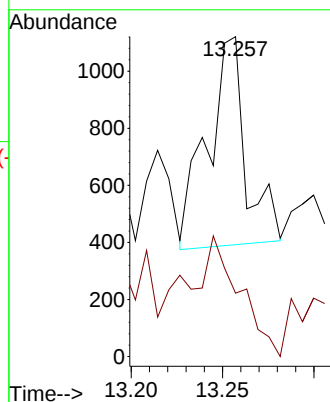
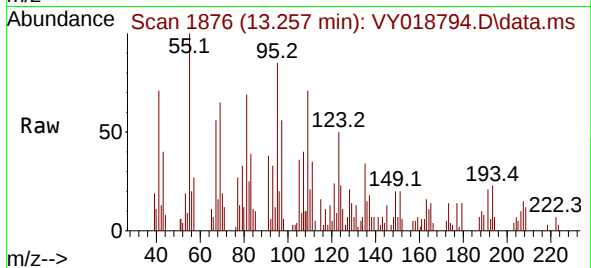
ClientSampleId :

Tgt Ion:105 Resp: 1060

Ion Ratio Lower Upper

105 100

134 73.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 5.010 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

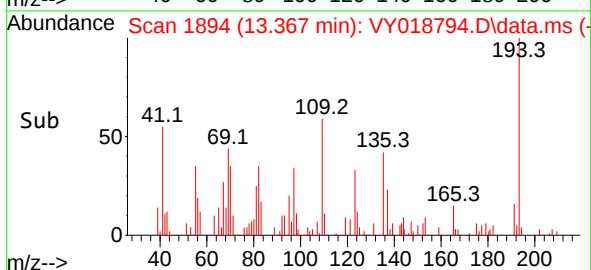
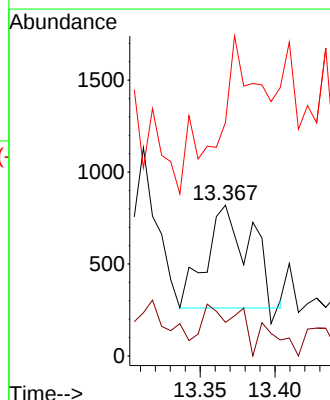
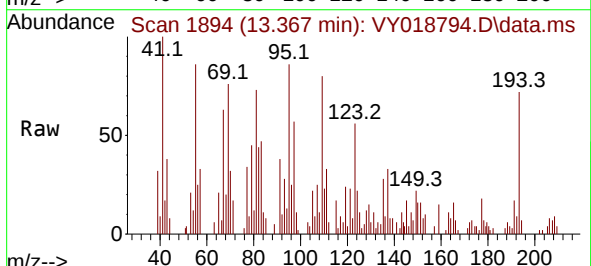
Tgt Ion:119 Resp: 1132

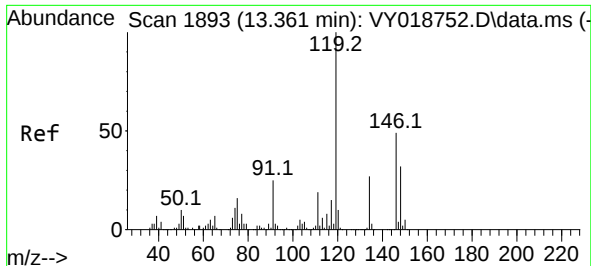
Ion Ratio Lower Upper

119 100

134 42.2 13.1 39.3#

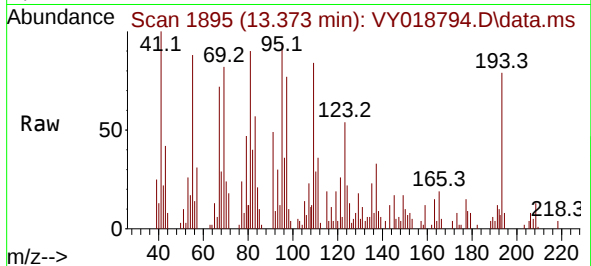
91 64.8 10.7 32.1#



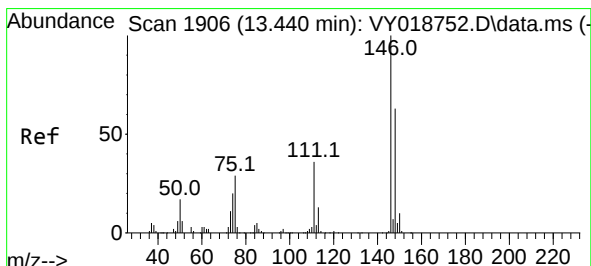
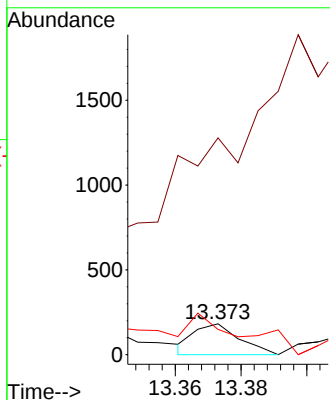
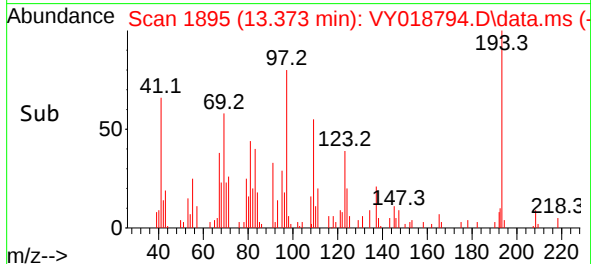


#87
1,3-Dichlorobenzene
Concen: 1.520 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.012 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

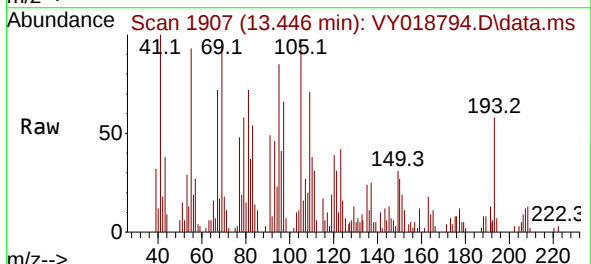
Instrument :
MSVOA_Y
ClientSampleId :



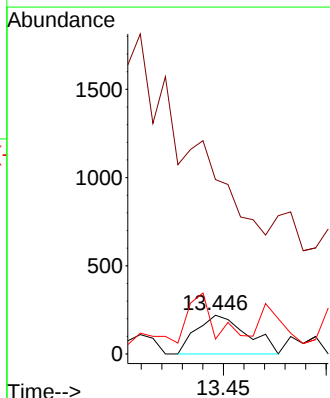
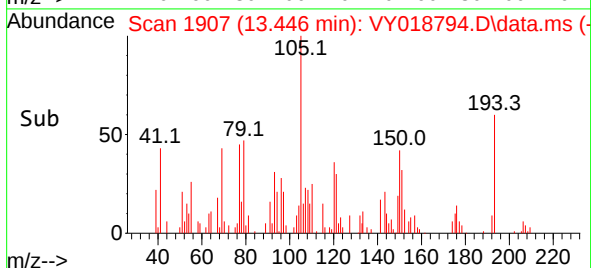
Tgt Ion:146 Resp: 174
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 159.2 31.7 95.1#

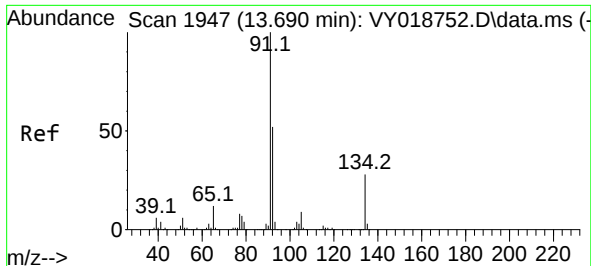


#88
1,4-Dichlorobenzene
Concen: 3.306 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49



Tgt Ion:146 Resp: 375
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.4#
148 140.3 32.4 97.2#





#89

n-Butylbenzene

Concen: 4.579 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018794.D

Acq: 12 Jul 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

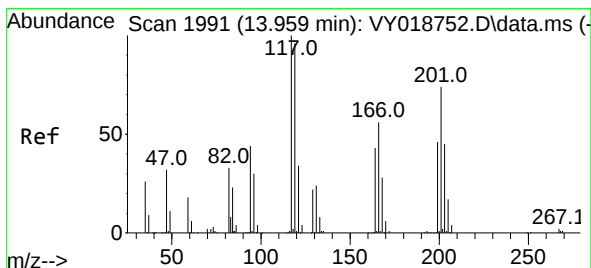
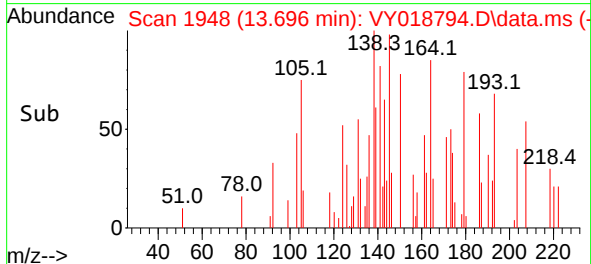
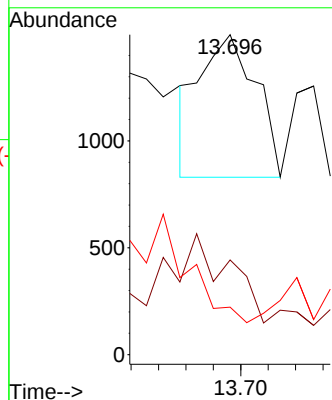
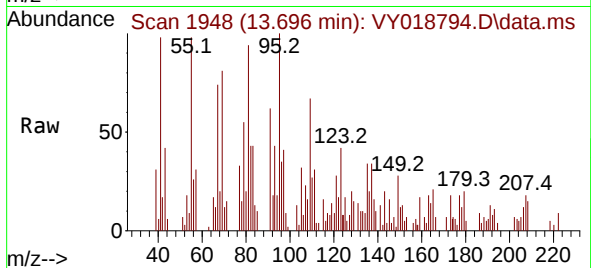
Tgt Ion: 91 Resp: 938

Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 0.0 12.9 38.7#



#90

Hexachloroethane

Concen: 3.261 ug/l

RT: 14.019 min Scan# 2001

Delta R.T. 0.061 min

Lab File: VY018794.D

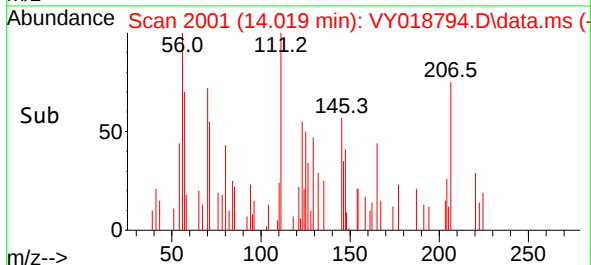
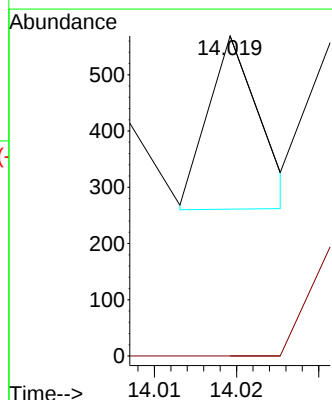
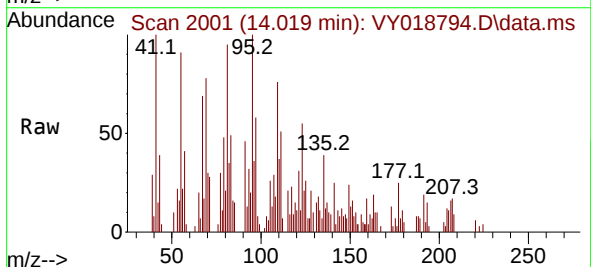
Acq: 12 Jul 2024 13:49

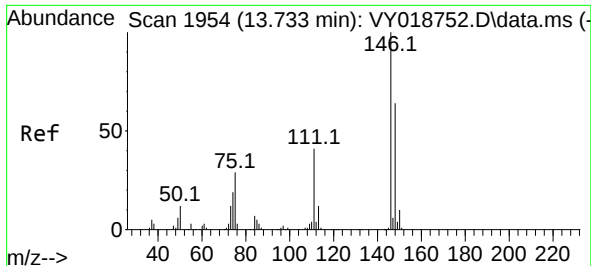
Tgt Ion: 117 Resp: 137

Ion Ratio Lower Upper

117 100

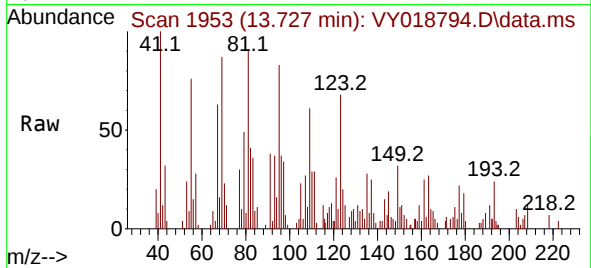
201 51.8 37.4 112.2



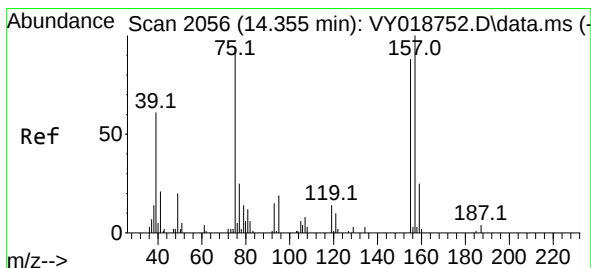
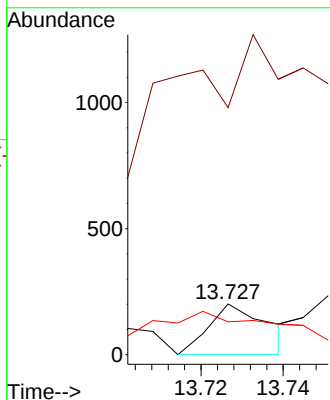
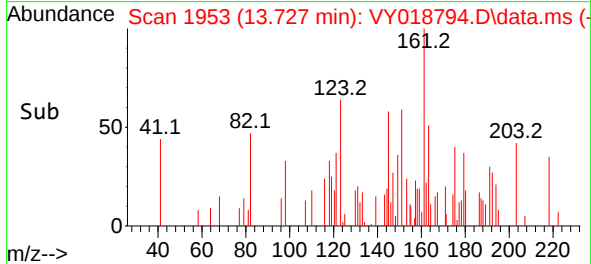


#91
1,2-Dichlorobenzene
Concen: 2.033 ug/l
RT: 13.727 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49

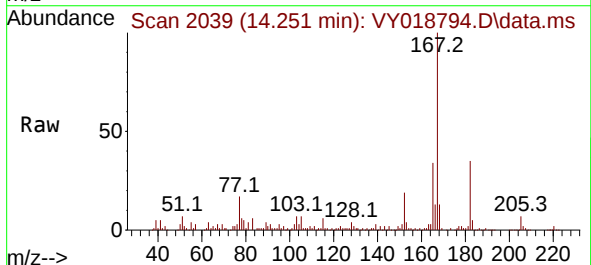
Instrument :
MSVOA_Y
ClientSampleId :



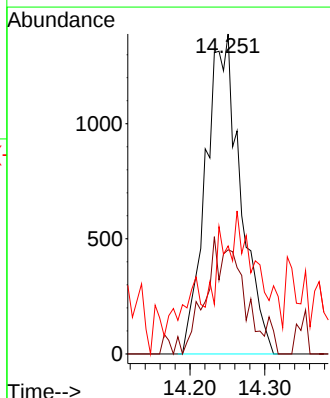
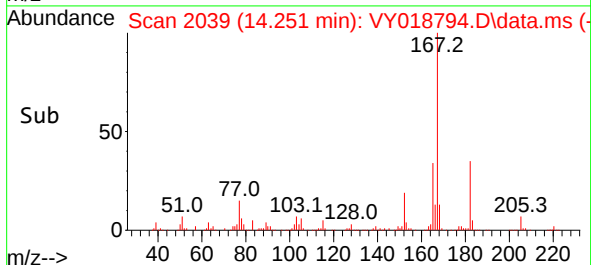
Tgt Ion:146 Resp: 201
Ion Ratio Lower Upper
146 100
111 483.1 19.9 59.7#
148 194.5 31.8 95.4#

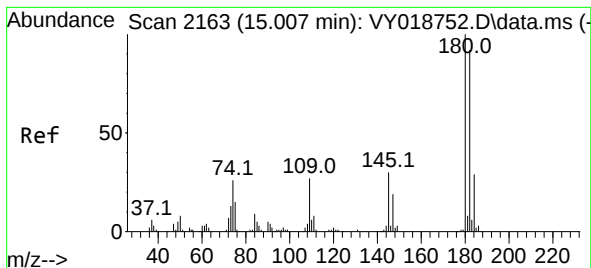


#92
1,2-Dibromo-3-Chloropropane
Concen: 716.939 ug/l
RT: 14.251 min Scan# 2039
Delta R.T. -0.104 min
Lab File: VY018794.D
Acq: 12 Jul 2024 13:49



Tgt Ion: 75 Resp: 4470
Ion Ratio Lower Upper
75 100
155 15.6 48.6 145.8#
157 9.6 62.7 188.2#

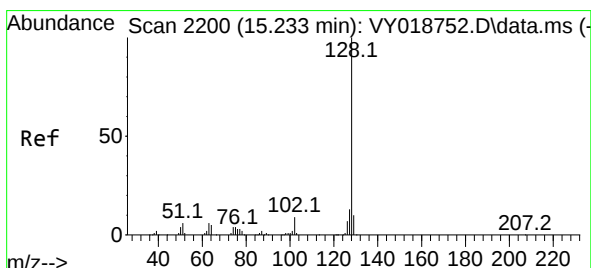
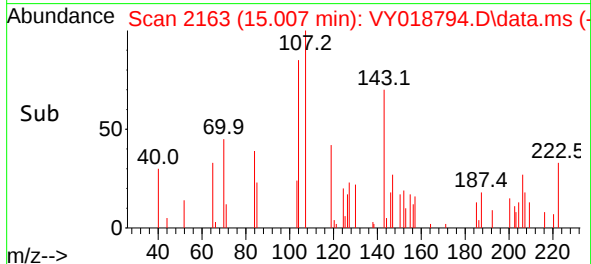
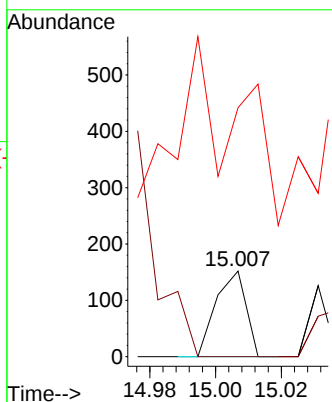
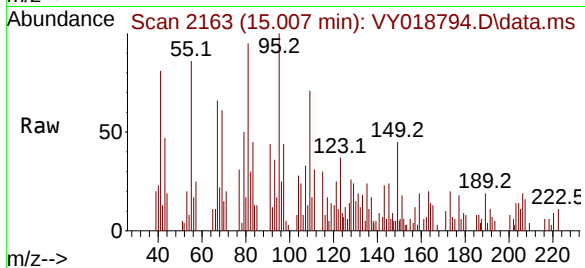




#93
 1,2,4-Trichlorobenzene
 Concen: 1.591 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY018794.D
 Acq: 12 Jul 2024 13:49

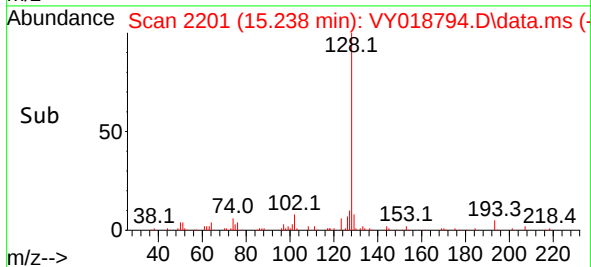
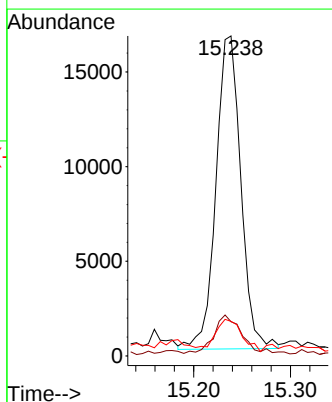
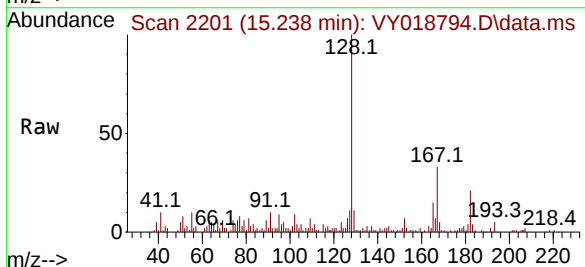
Instrument :
 MSVOA_Y
 ClientSampleId :

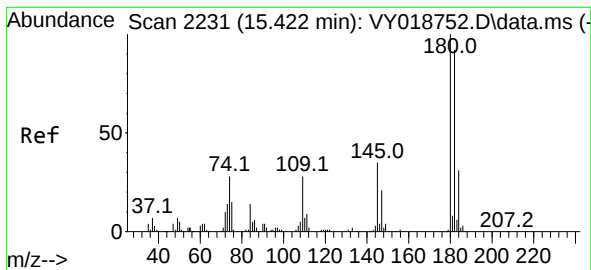
Tgt Ion:180 Resp: 96
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 784.4 14.2 42.6#



#95
 Naphthalene
 Concen: 285.489 ug/l
 RT: 15.238 min Scan# 2201
 Delta R.T. 0.006 min
 Lab File: VY018794.D
 Acq: 12 Jul 2024 13:49

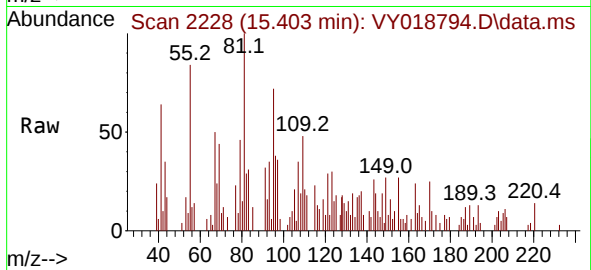
Tgt Ion:128 Resp: 29555
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.6 16.0
 129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.130 ug/l
 RT: 15.403 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: VY018794.D
 Acq: 12 Jul 2024 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 110
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 58.2 15.4 46.1#

