

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019693.D
 Acq On : 25 Sep 2024 14:27
 Operator : SY/MD
 Sample : P4146-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:00:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	278	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	635	84.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.280%#	
35) Dibromofluoromethane	7.628	113	539	73.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.700%	
50) Toluene-d8	10.103	98	1184	43.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.120%	
62) 4-Bromofluorobenzene	12.420	95	354	33.874	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 67.740%	

Target Compounds					Qvalue	
3) Chloromethane	1.928	50	29	4.301	ug/l #	43
5) Bromomethane	2.312	94	29	6.475	ug/l #	3
6) Chloroethane	2.733	64	186	39.022	ug/l #	42
10) Methyl Iodide	4.013	142	53	5.498	ug/l #	42
13) Acrolein	3.732	56	30	93.265	ug/l #	15
14) Allyl chloride	4.397	41	168	12.956	ug/l #	63
15) Acrylonitrile	5.086	53	22	12.506	ug/l #	18
16) Acetone	3.867	43	39	21.692	ug/l #	36
17) Carbon Disulfide	4.104	76	46	2.355	ug/l #	76
18) Methyl Acetate	4.373	43	58	11.887	ug/l #	46
23) Vinyl Acetate	5.933	43	43	2.827	ug/l #	67
25) 2-Butanone	6.878	43	55	21.509	ug/l #	41
27) cis-1,2-Dichloroethene	7.037	96	21	2.181	ug/l #	1
28) Bromochloromethane	7.043	49	35	5.567	ug/l #	6
29) Tetrahydrofuran	7.183	42	40	25.728	ug/l #	26
30) Chloroform	7.195	83	23	1.508	ug/l #	17
37) Ethyl Acetate	7.012	43	89	17.372	ug/l #	67
41) Methacrylonitrile	7.207	41	23	7.702	ug/l #	29
43) Isopropyl Acetate	8.207	43	91	8.455	ug/l #	47
45) 1,2-Dichloropropane	8.933	63	19	2.524	ug/l #	43
47) Bromodichloromethane	9.414	83	23	2.078	ug/l #	26
48) Methyl methacrylate	9.225	41	142	27.938	ug/l #	7
51) 4-Methyl-2-Pentanone	10.018	43	20	3.694	ug/l #	31
52) Toluene	10.176	92	48	2.423	ug/l #	5
59) 2-Hexanone	10.780	43	80	20.152	ug/l #	19
65) Chlorobenzene	11.554	112	26	2.192	ug/l #	42
67) Ethyl Benzene	11.512	91	27	1.281	ug/l #	44
73) Isopropylbenzene	12.316	105	28	1.388	ug/l #	48
74) N-amyl acetate	12.072	43	77	14.038	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.377	83	22	6.146	ug/l #	26
76) 1,2,3-Trichloropropane	12.420	75	79	30.319	ug/l #	100
78) n-propylbenzene	12.597	91	50	2.092	ug/l #	53
79) 2-Chlorotoluene	12.786	91	139	9.978	ug/l	86
80) 1,3,5-Trimethylbenzene	12.853	105	25	1.525	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.420	75	79	58.203	ug/l #	16
82) 4-Chlorotoluene	12.786	91	139	9.705	ug/l	85

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

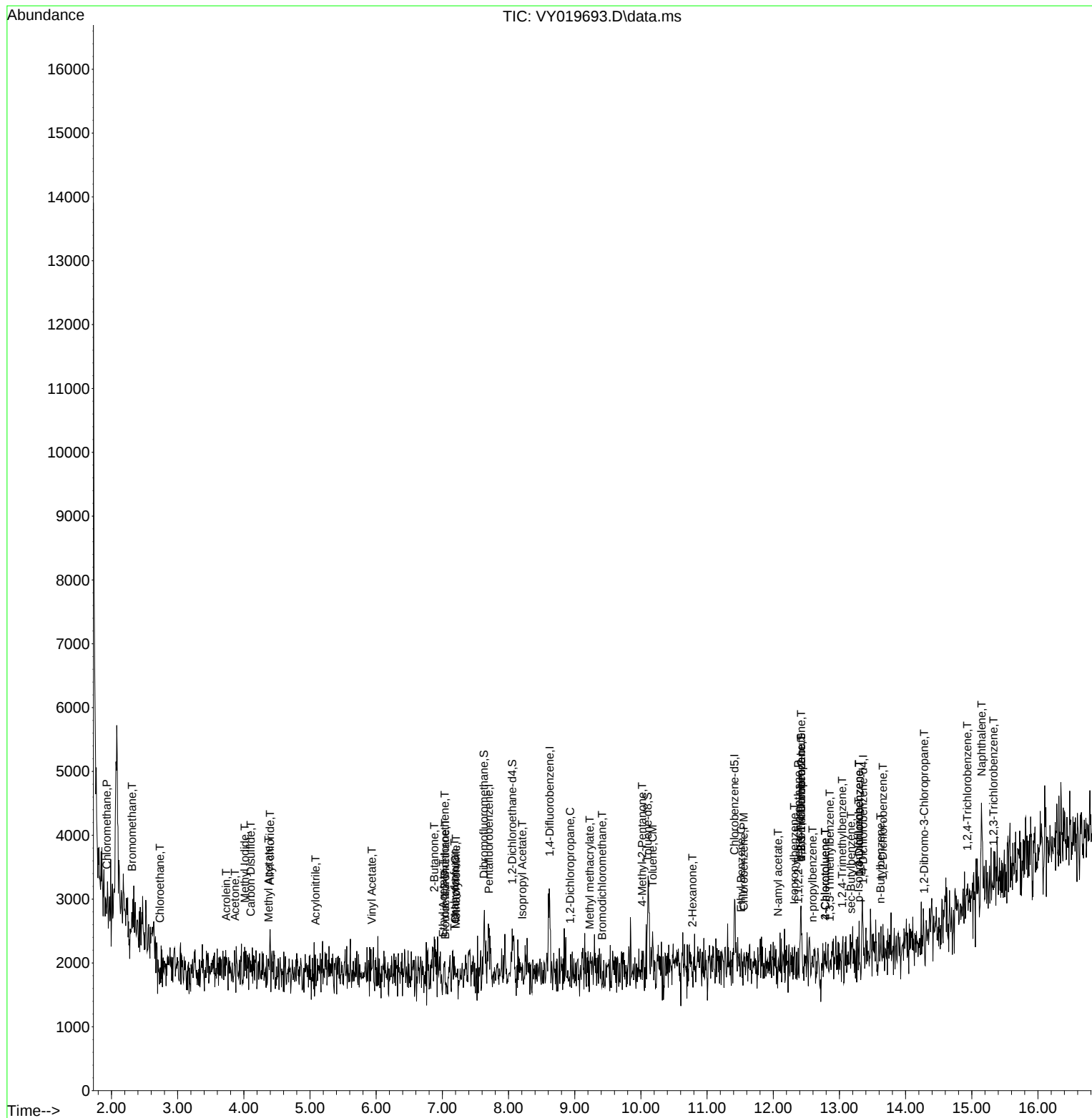
84) 1,2,4-Trimethylbenzene	13.042	105	85	5.237	ug/l #	30
85) sec-Butylbenzene	13.176	105	140	6.493	ug/l #	56
86) p-Isopropyltoluene	13.292	119	22	1.247	ug/l #	51
87) 1,3-Dichlorobenzene	13.298	146	84	9.665	ug/l #	25
88) 1,4-Dichlorobenzene	13.298	146	84	9.738	ug/l #	25
89) n-Butylbenzene	13.621	91	76	4.506	ug/l #	33
91) 1,2-Dichlorobenzene	13.658	146	47	6.060	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.279	75	39	65.370	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.932	180	93	19.715	ug/l #	57
95) Naphthalene	15.151	128	1322	139.942	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.328	180	19	4.709	ug/l #	25

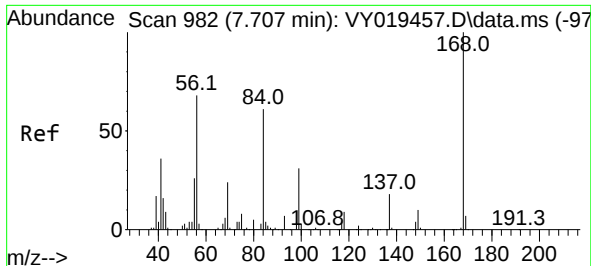
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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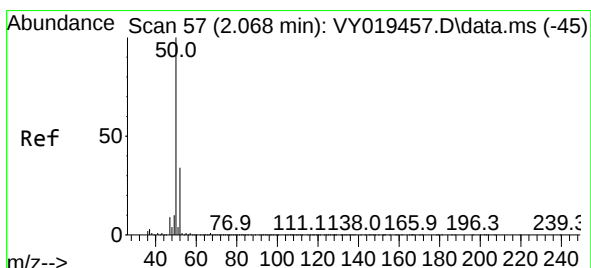
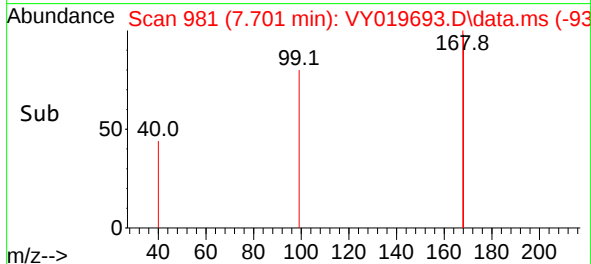
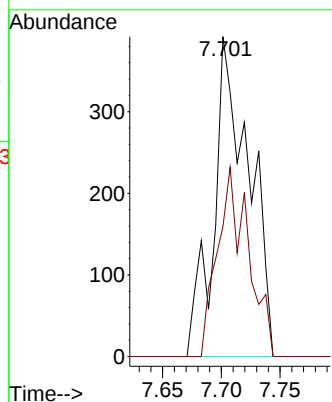
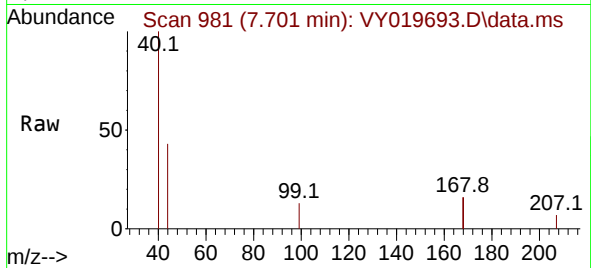




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

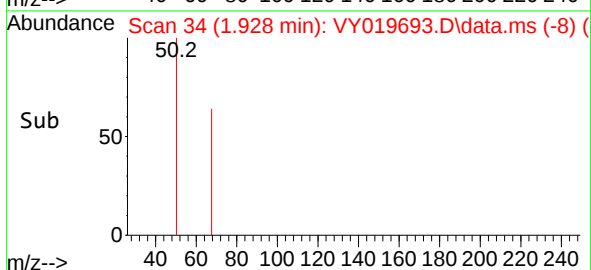
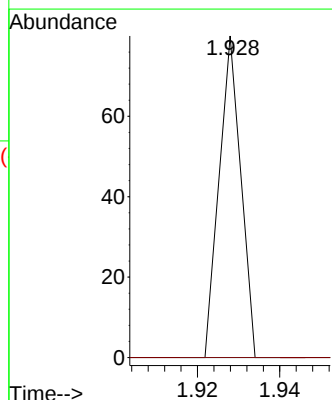
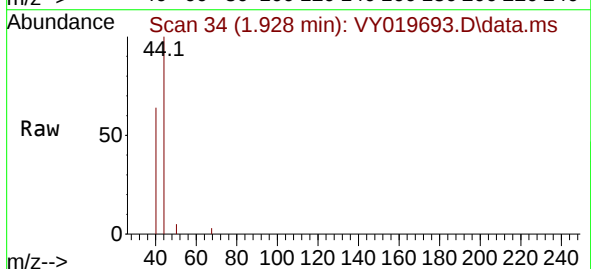
Instrument :
MSVOA_Y
ClientSampleId :

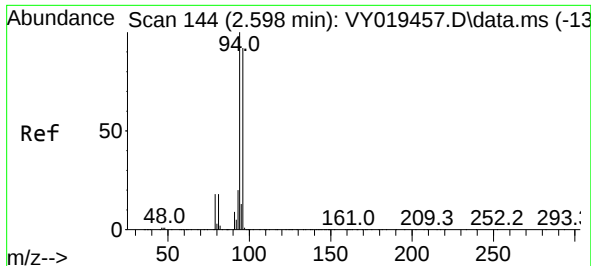
Tgt Ion:168 Resp: 815
Ion Ratio Lower Upper
168 100
99 40.6 39.1 58.7



#3
Chloromethane
Concen: 4.301 ug/l
RT: 1.928 min Scan# 34
Delta R.T. -0.140 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 50 Resp: 29
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

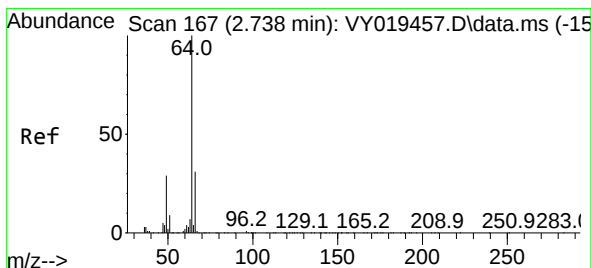
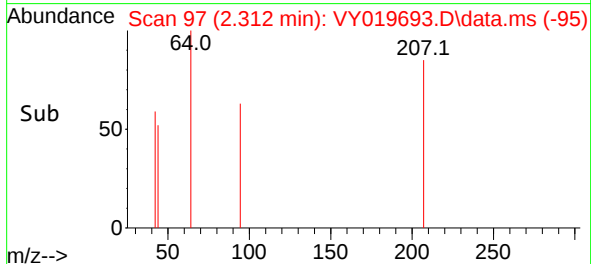
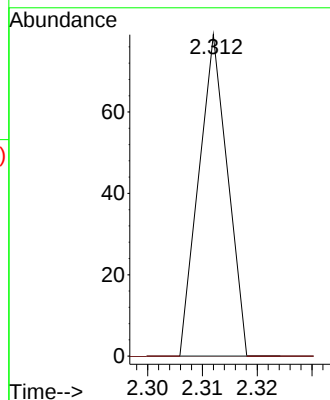
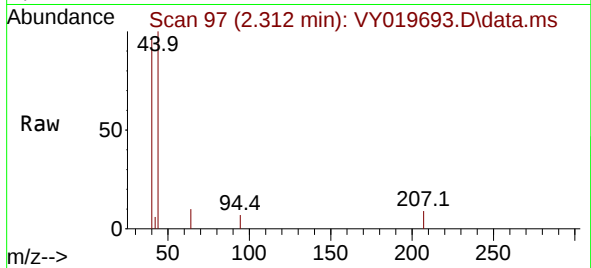




#5
Bromomethane
Concen: 6.475 ug/l
RT: 2.312 min Scan# 91
Delta R.T. -0.286 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

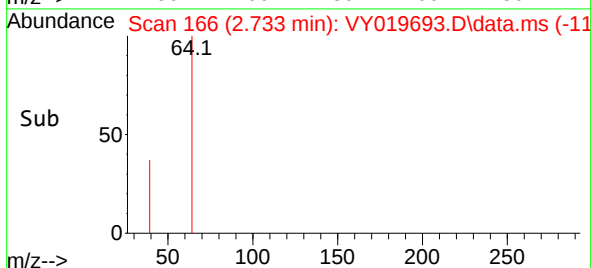
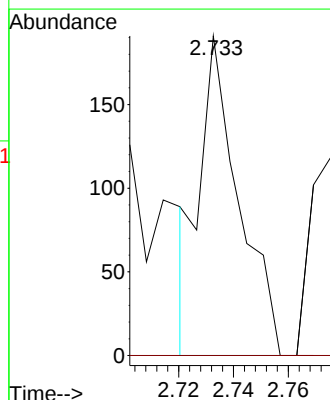
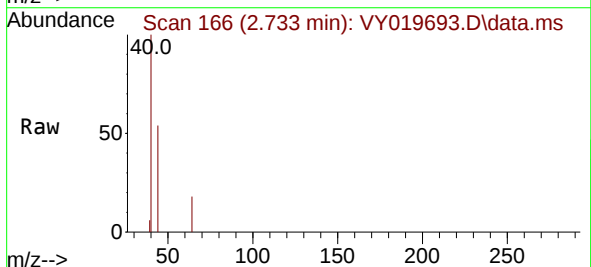
Instrument :
MSVOA_Y
ClientSampleId :

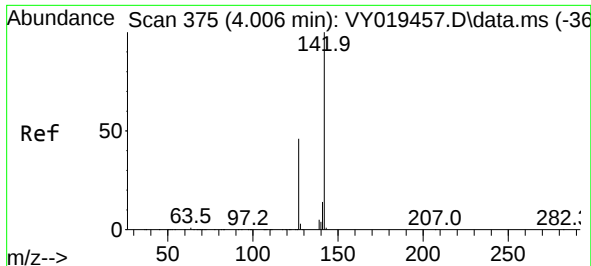
Tgt Ion: 94 Resp: 29
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 39.022 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

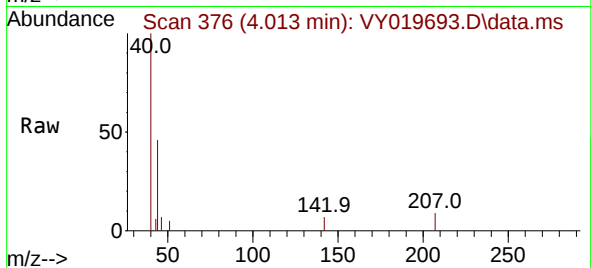
Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



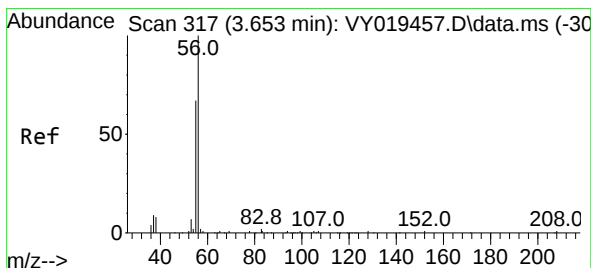
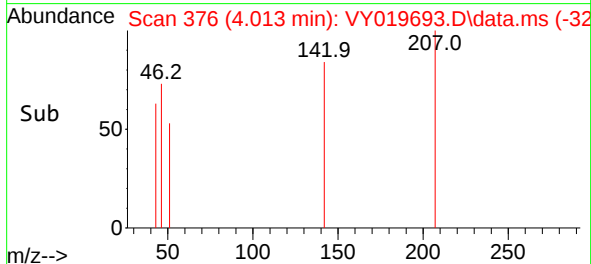
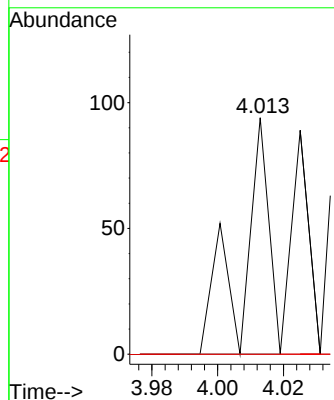


#10
Methyl Iodide
Concen: 5.498 ug/l
RT: 4.013 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

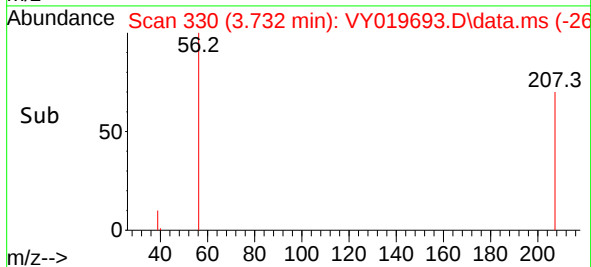
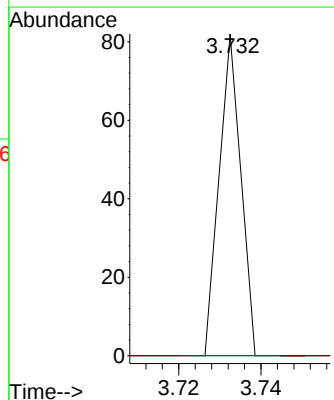
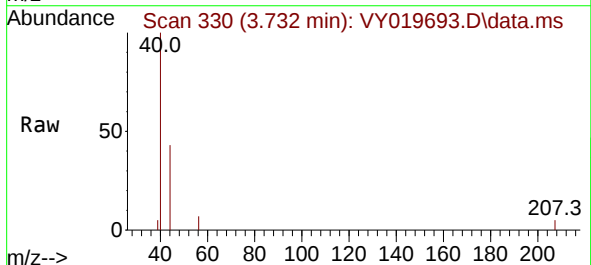


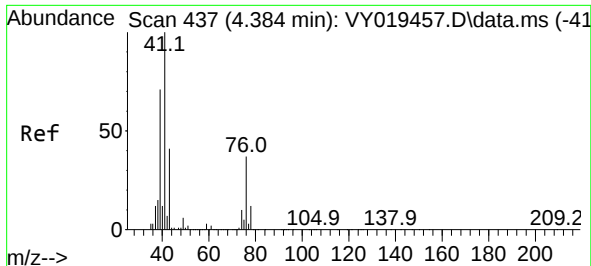
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 93.265 ug/l
RT: 3.732 min Scan# 330
Delta R.T. 0.079 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

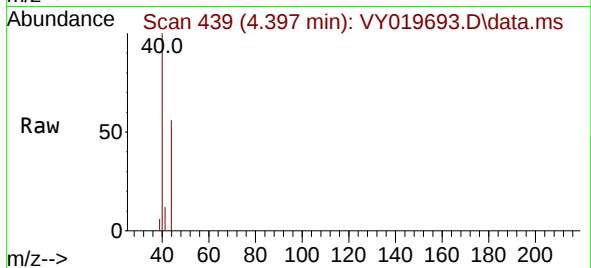
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



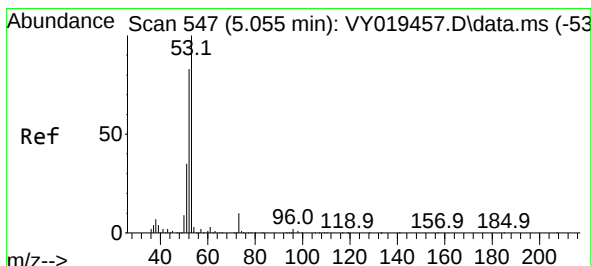
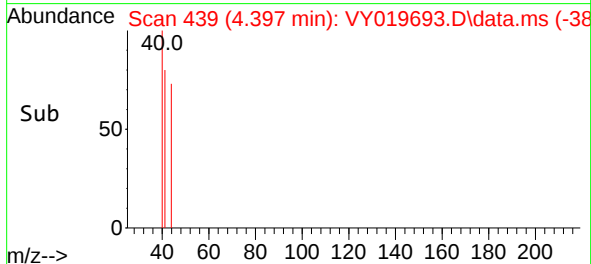
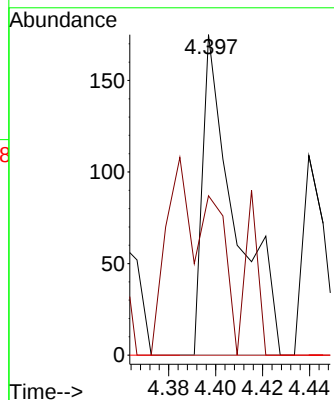


#14
 Allyl chloride
 Concen: 12.956 ug/l
 RT: 4.397 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VY019693.D
 Acq: 25 Sep 2024 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :

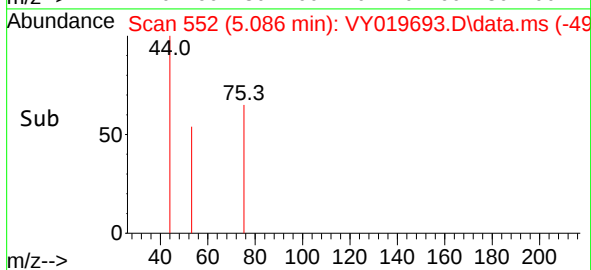
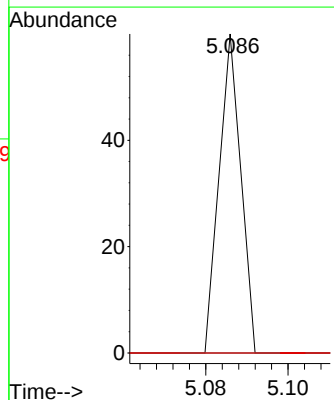
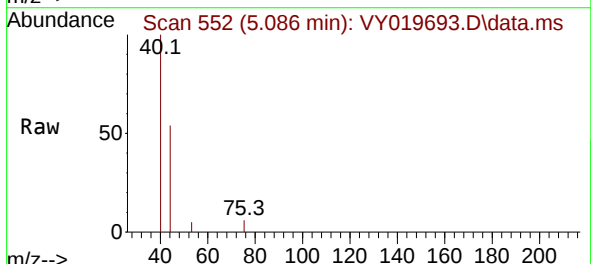


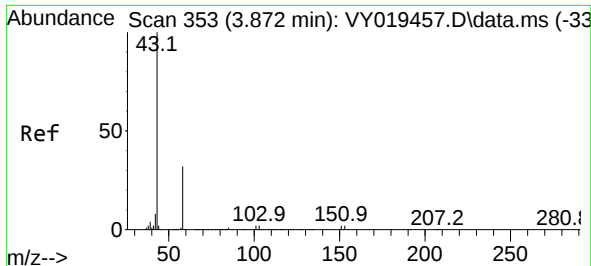
Tgt Ion: 41 Resp: 168
 Ion Ratio Lower Upper
 41 100
 39 85.1 58.3 87.5
 76 0.0 39.0 58.6#



#15
 Acrylonitrile
 Concen: 12.506 ug/l
 RT: 5.086 min Scan# 552
 Delta R.T. 0.031 min
 Lab File: VY019693.D
 Acq: 25 Sep 2024 14:27

Tgt Ion: 53 Resp: 22
 Ion Ratio Lower Upper
 53 100
 52 0.0 64.7 97.1#
 51 0.0 28.4 42.6#

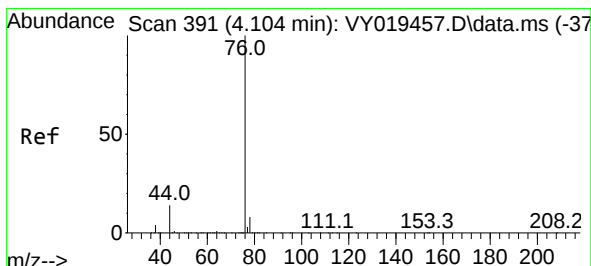
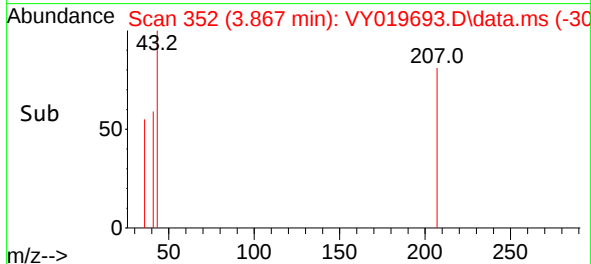
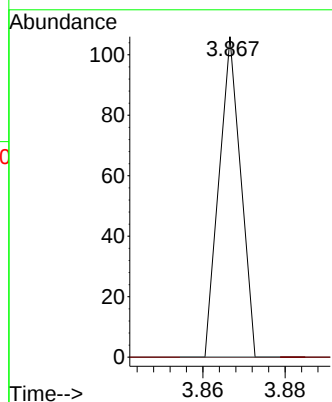
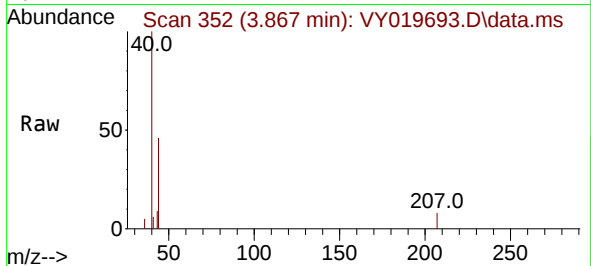




#16
Acetone
Concen: 21.692 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

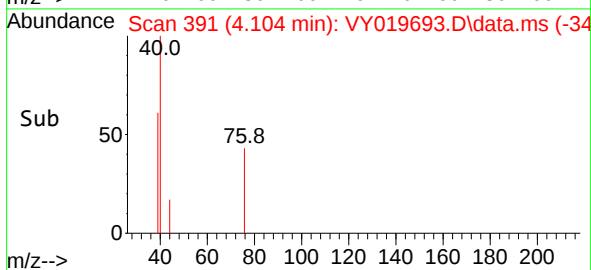
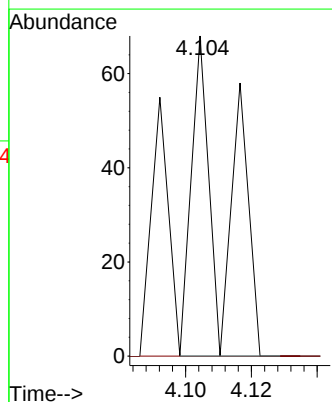
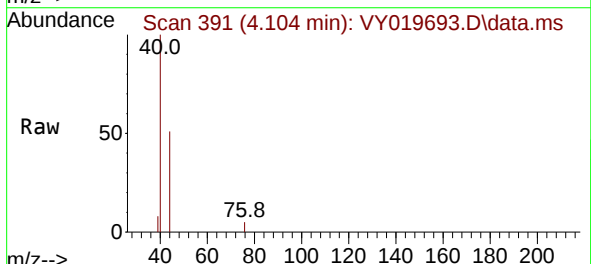
Instrument :
MSVOA_Y
ClientSampleId :

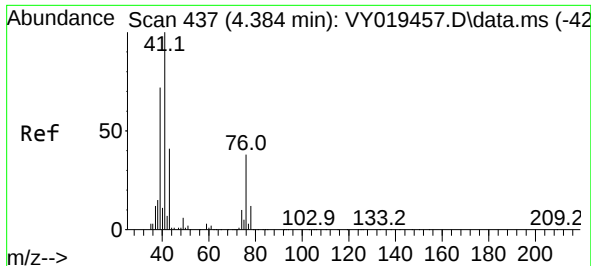
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 2.355 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

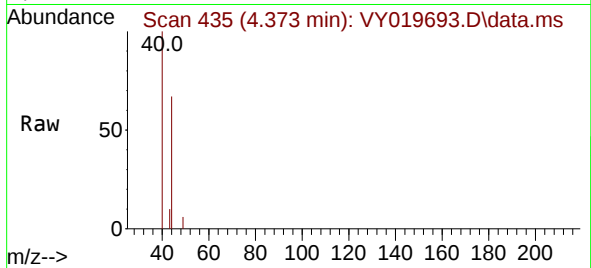
Tgt Ion: 76 Resp: 46
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



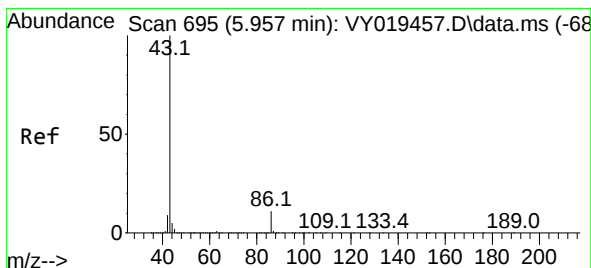
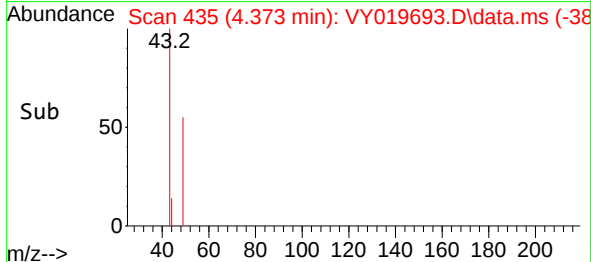
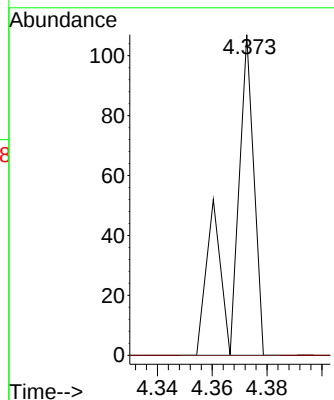


#18
Methyl Acetate
Concen: 11.887 ug/l
RT: 4.373 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

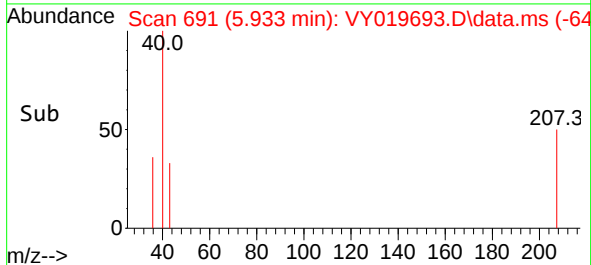
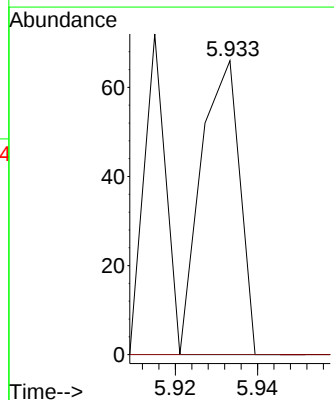
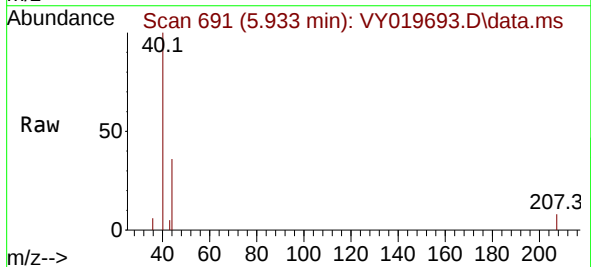


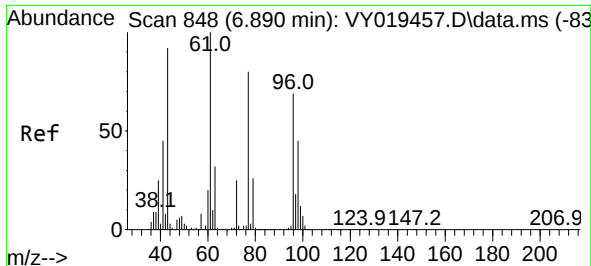
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#23
Vinyl Acetate
Concen: 2.827 ug/l
RT: 5.933 min Scan# 691
Delta R.T. -0.024 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#





#25

2-Butanone

Concen: 21.509 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.012 min

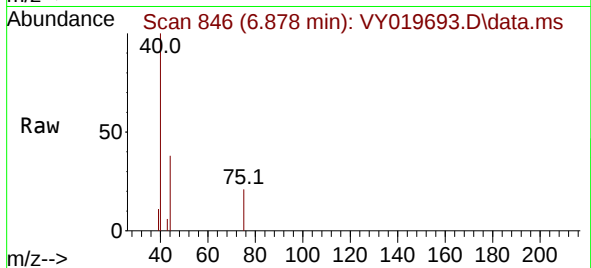
Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

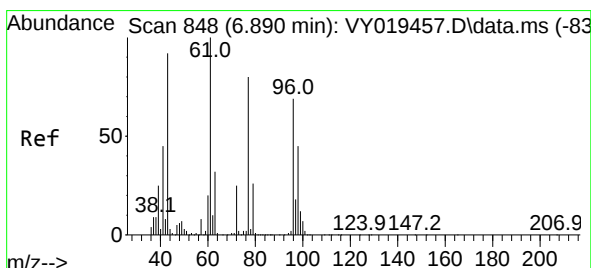
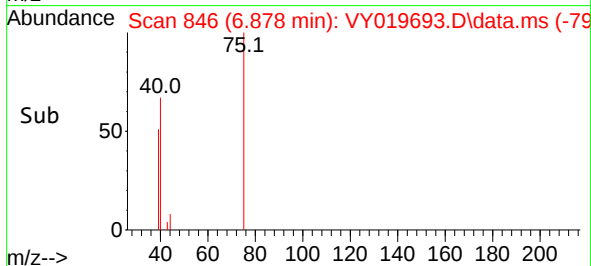
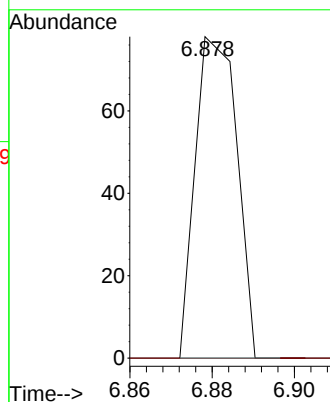


Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#27

cis-1,2-Dichloroethene

Concen: 2.181 ug/l

RT: 7.037 min Scan# 872

Delta R.T. 0.147 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

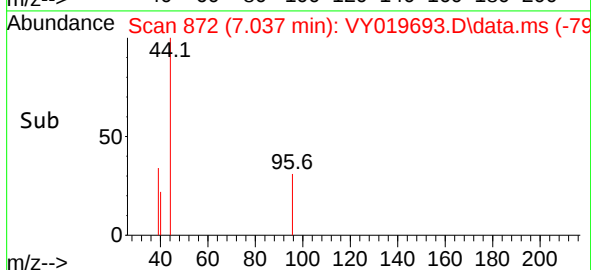
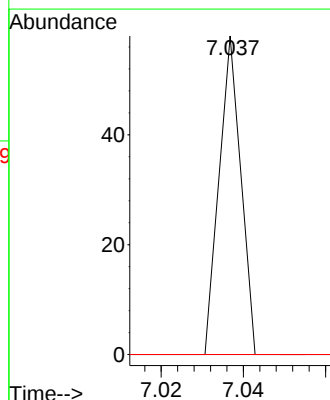
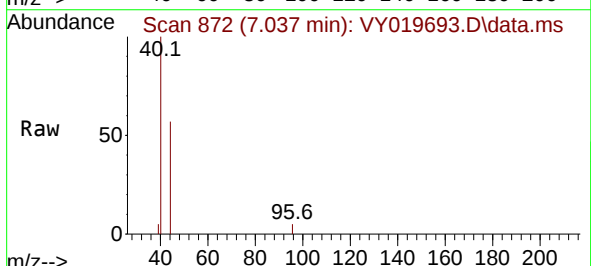
Tgt Ion: 96 Resp: 21

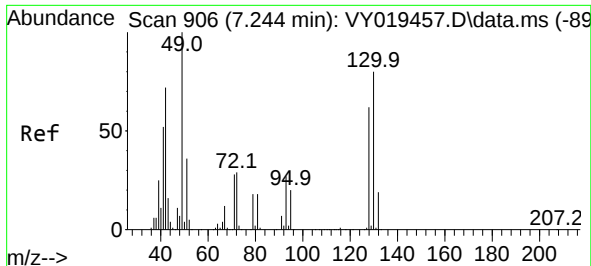
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

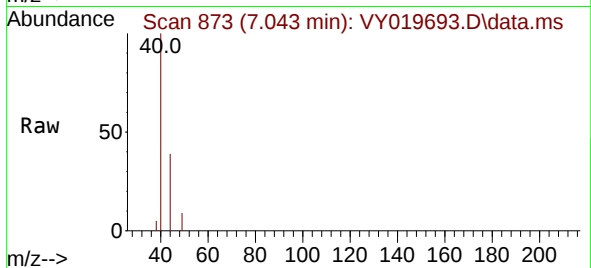
98 0.0 0.0 130.0



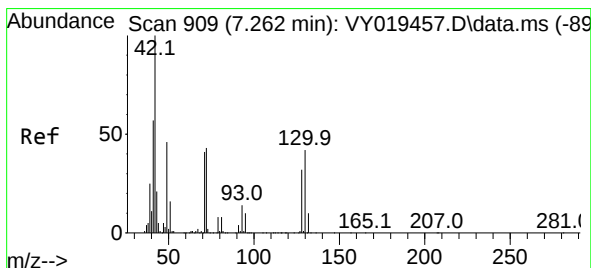
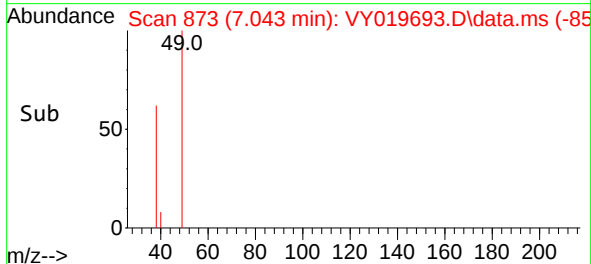
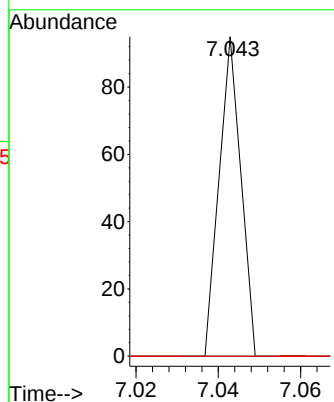


#28
Bromochloromethane
Concen: 5.567 ug/l
RT: 7.043 min Scan# 81
Delta R.T. -0.201 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

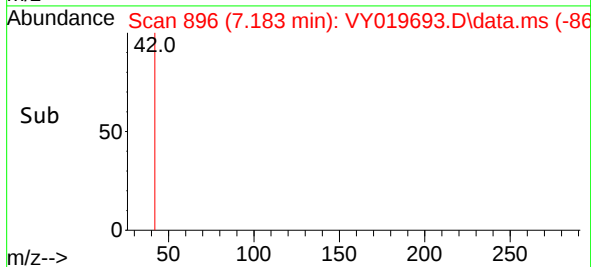
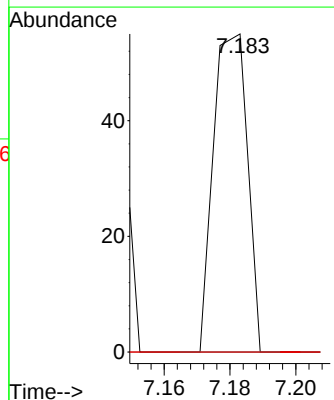
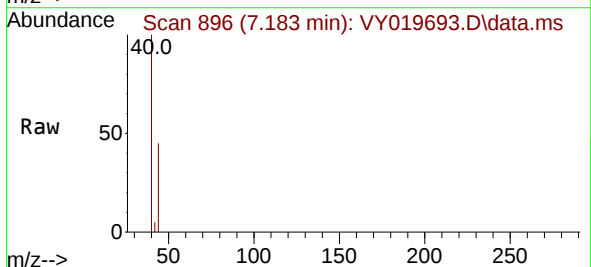


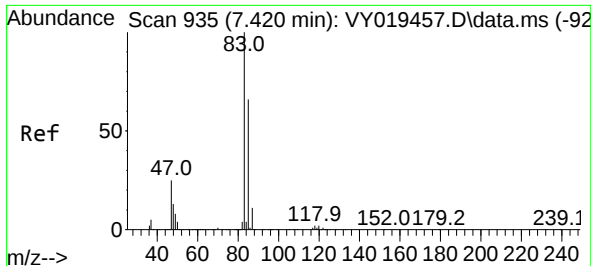
Tgt Ion: 49 Resp: 35
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 25.728 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.079 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

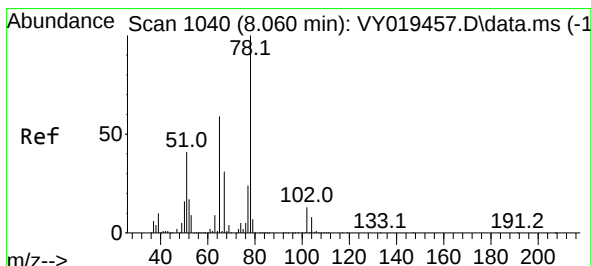
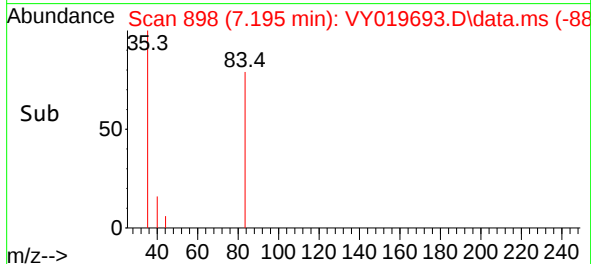
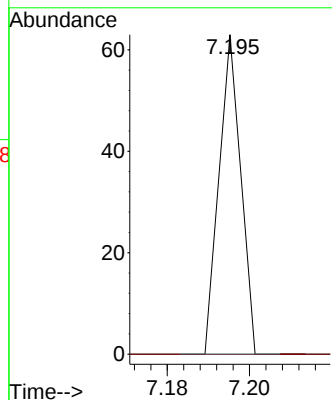
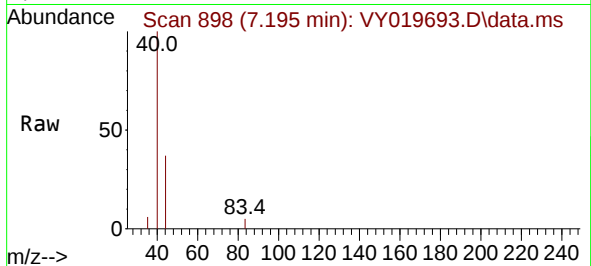




#30
Chloroform
Concen: 1.508 ug/l
RT: 7.195 min Scan# 84
Delta R.T. -0.225 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

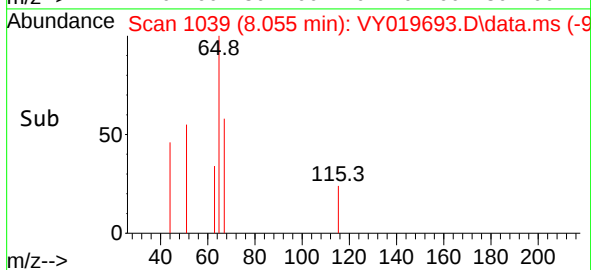
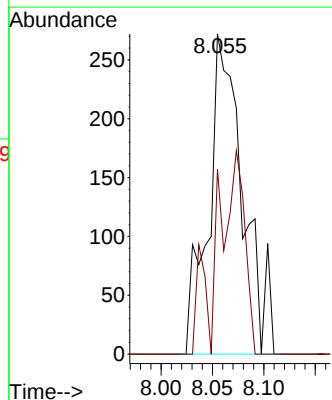
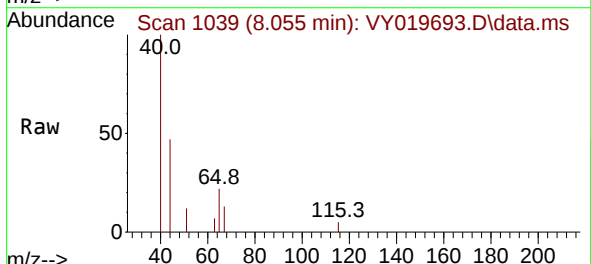
Instrument :
MSVOA_Y
ClientSampleId :

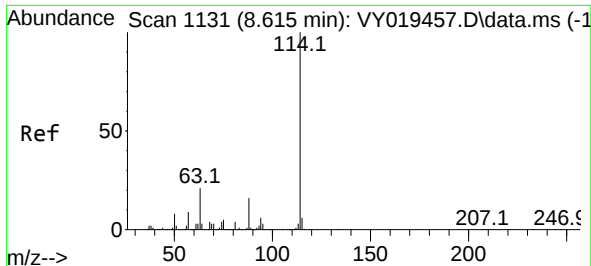
Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#33
1,2-Dichloroethane-d4
Concen: 84.143 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 65 Resp: 635
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

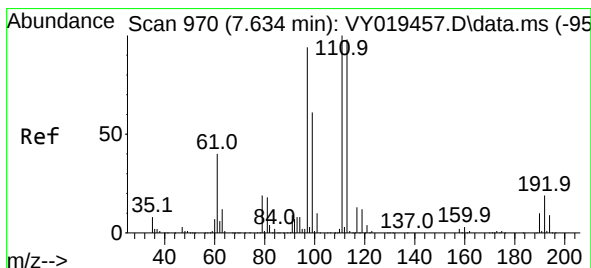
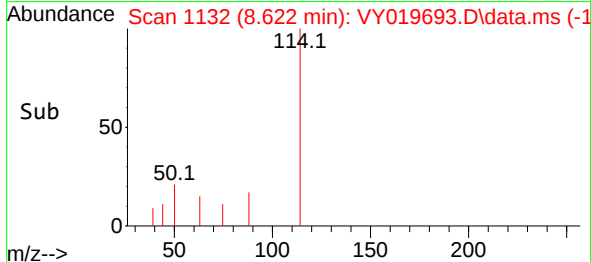
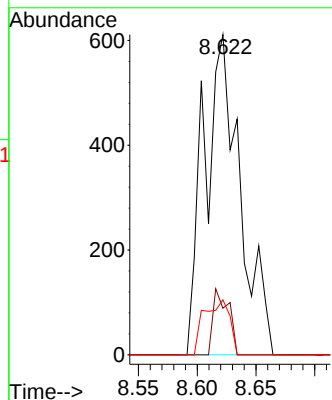
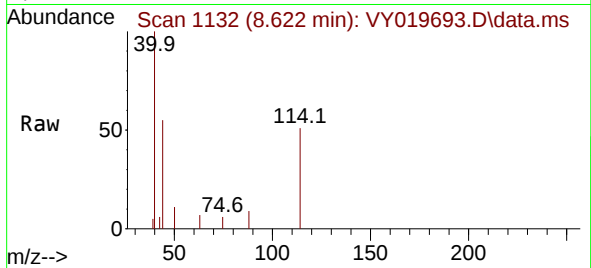




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.007 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

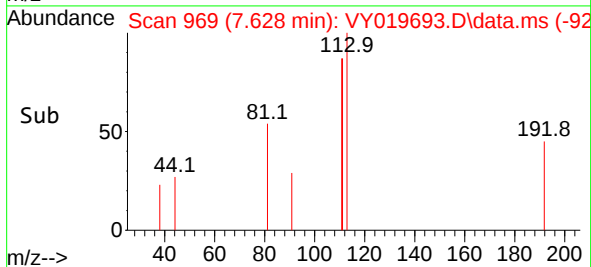
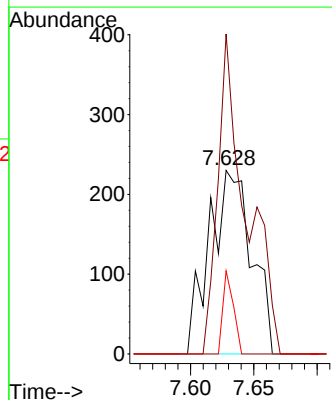
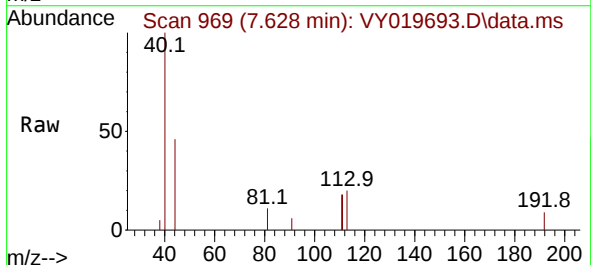
Instrument :
MSVOA_Y
ClientSampleId :

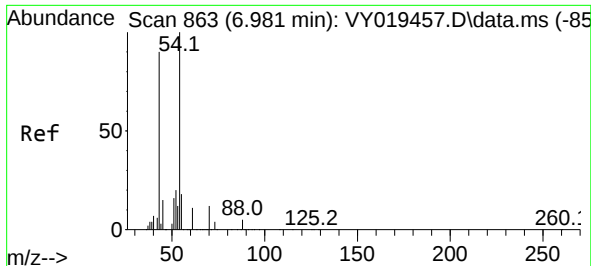
Tgt Ion:114 Resp: 1296
Ion Ratio Lower Upper
114 100
63 14.6 0.0 35.0
88 17.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 73.352 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion:113 Resp: 539
Ion Ratio Lower Upper
113 100
111 116.0 82.2 123.4
192 10.9 15.9 23.9#





#37

Ethyl Acetate

Concen: 17.372 ug/l

RT: 7.012 min Scan# 80

Delta R.T. 0.031 min

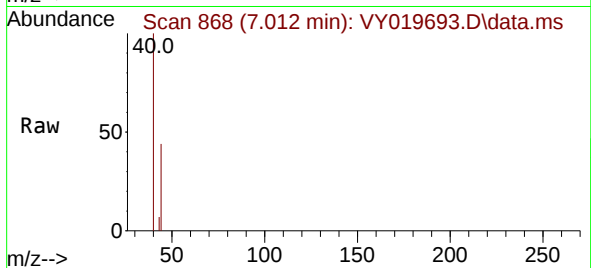
Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

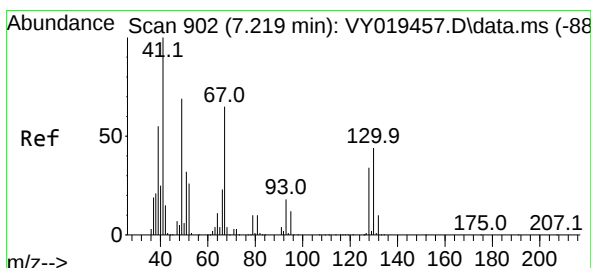
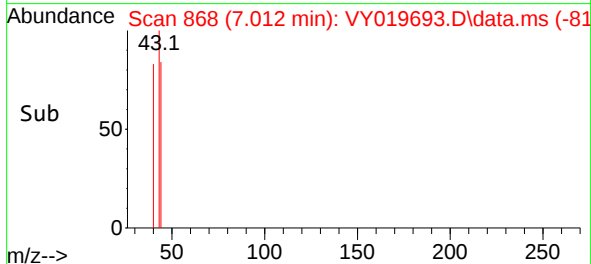
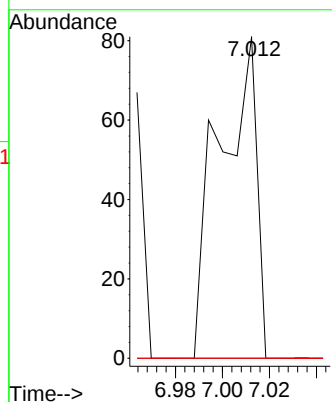
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	89
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#41

Methacrylonitrile

Concen: 7.702 ug/l

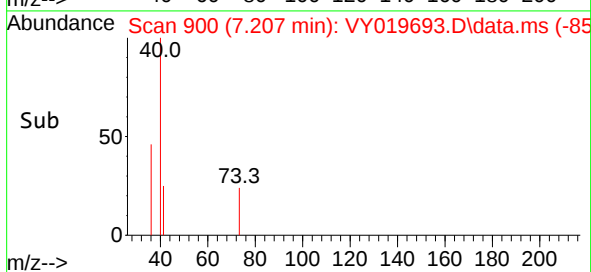
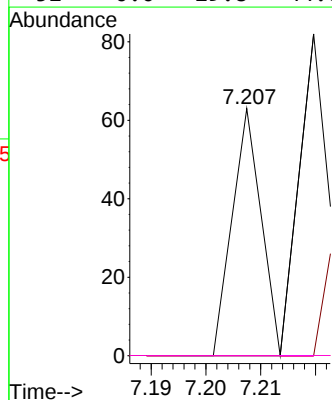
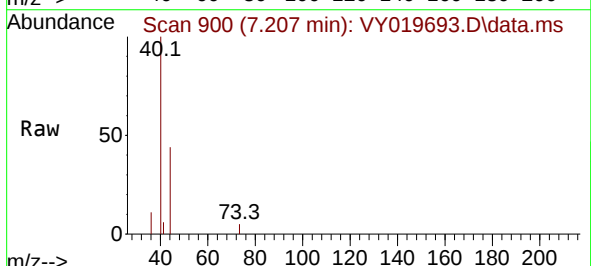
RT: 7.207 min Scan# 900

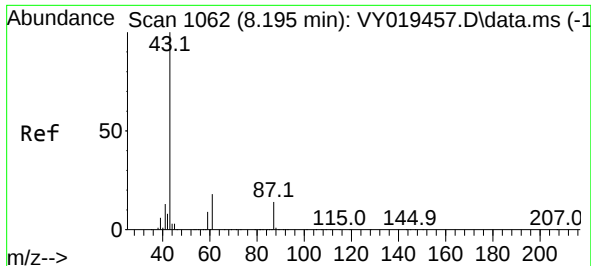
Delta R.T. -0.012 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

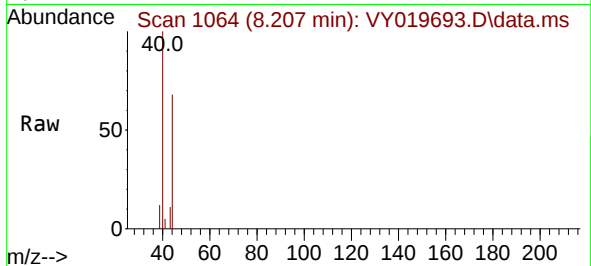
Tgt Ion:	41	Resp:	23
Ion	Ratio	Lower	Upper
41	100		
39	87.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



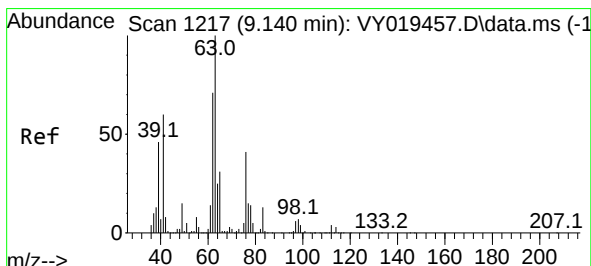
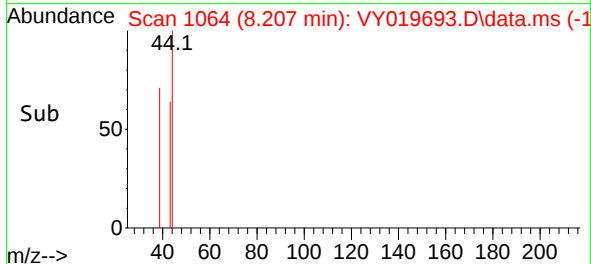
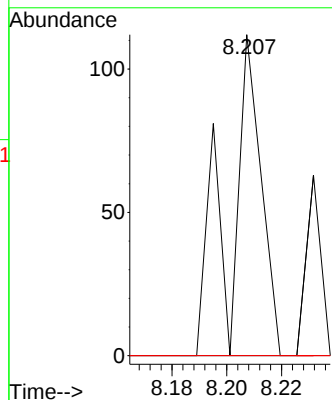


#43
Isopropyl Acetate
Concen: 8.455 ug/l
RT: 8.207 min Scan# 1183
Delta R.T. 0.013 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

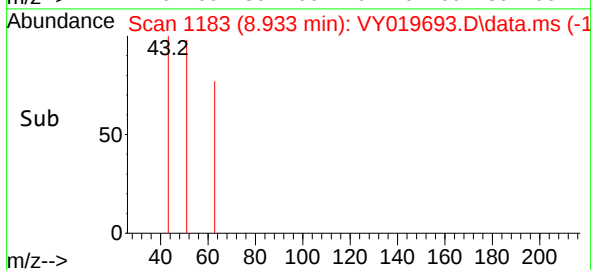
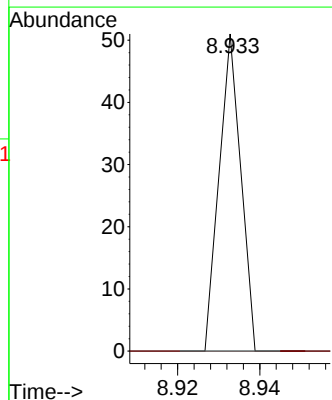
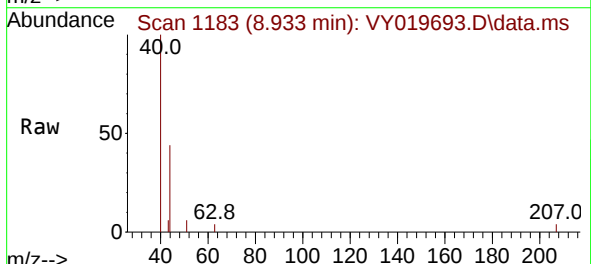


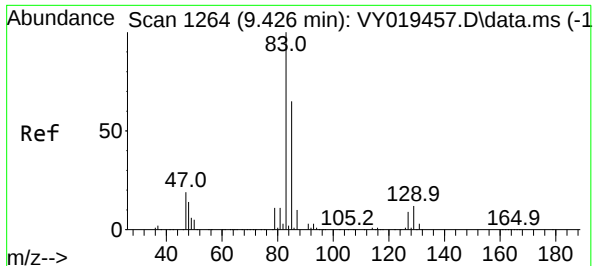
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#45
1,2-Dichloropropane
Concen: 2.524 ug/l
RT: 8.933 min Scan# 1183
Delta R.T. -0.207 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#





#47

Bromodichloromethane

Concen: 2.078 ug/l

RT: 9.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

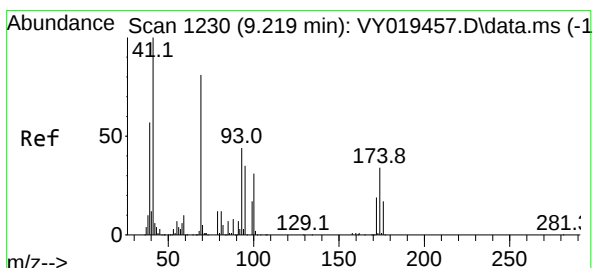
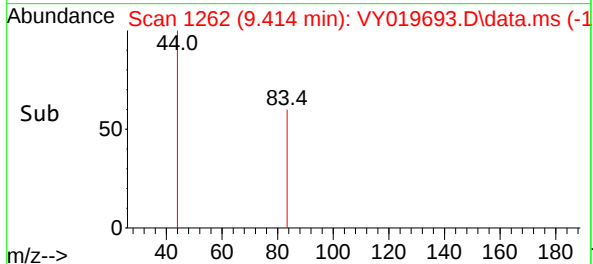
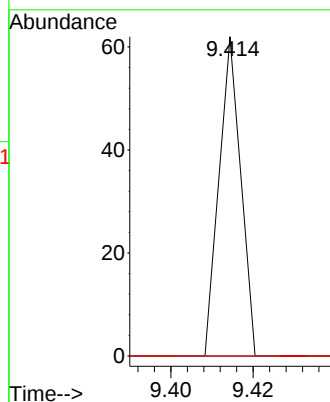
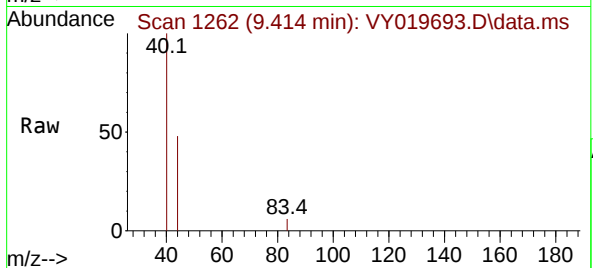
Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 7.4 11.0#



#48

Methyl methacrylate

Concen: 27.938 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.007 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

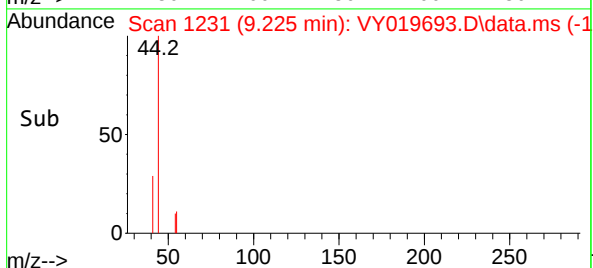
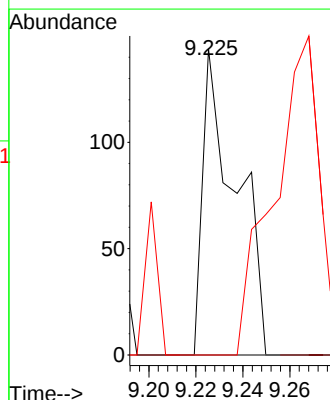
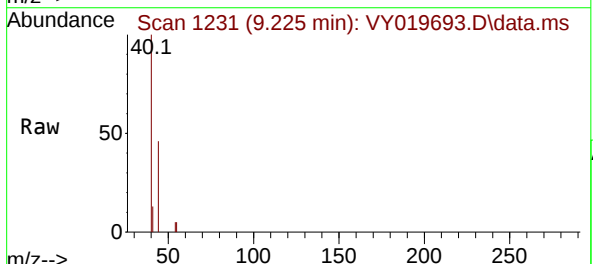
Tgt Ion: 41 Resp: 142

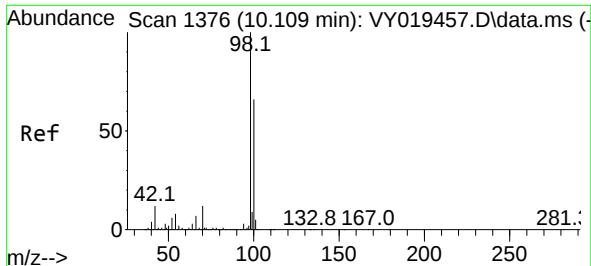
Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 0.0 43.6 65.4#





#50

Toluene-d8

Concen: 43.563 ug/l

RT: 10.103 min Scan# 1184

Delta R.T. -0.006 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

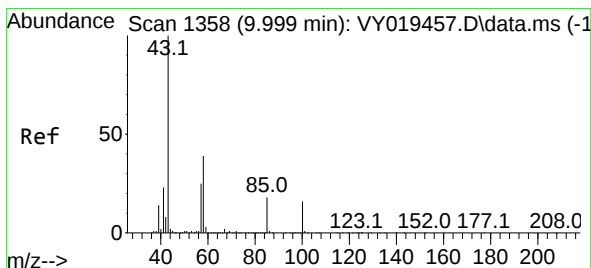
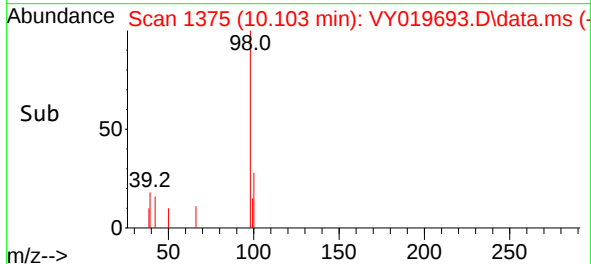
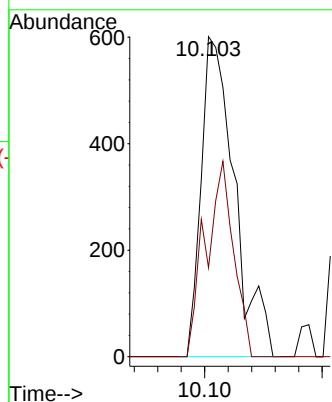
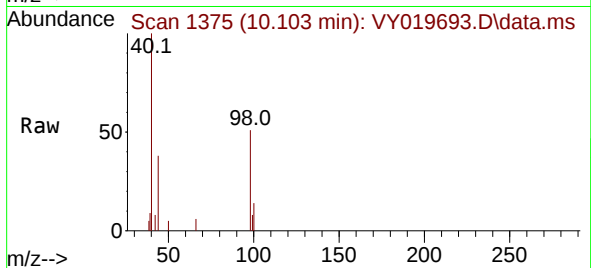
ClientSampleId :

Tgt Ion: 98 Resp: 1184

Ion Ratio Lower Upper

98 100

100 51.4 52.0 78.0#



#51

4-Methyl-2-Pentanone

Concen: 3.694 ug/l

RT: 10.018 min Scan# 1361

Delta R.T. 0.019 min

Lab File: VY019693.D

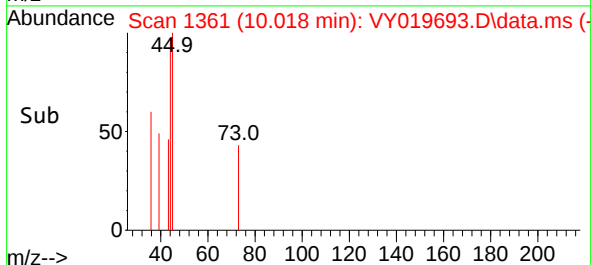
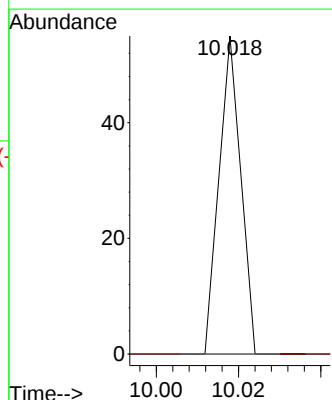
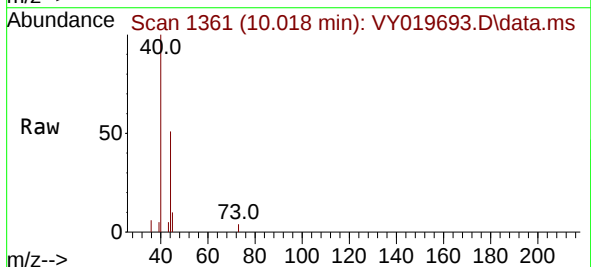
Acq: 25 Sep 2024 14:27

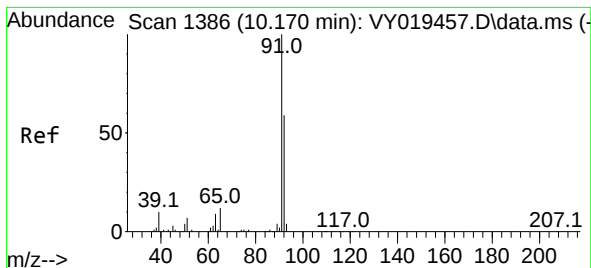
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#





#52

Toluene

Concen: 2.423 ug/l

RT: 10.176 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

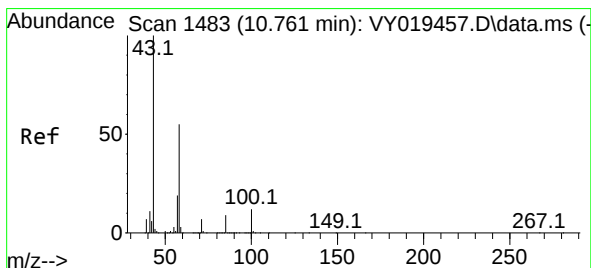
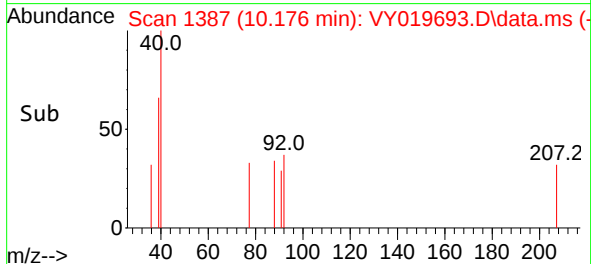
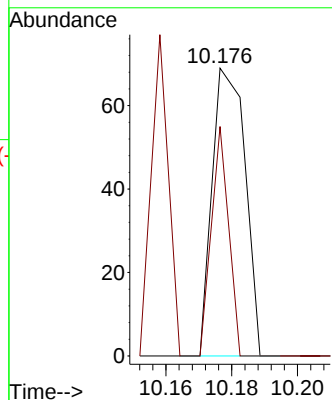
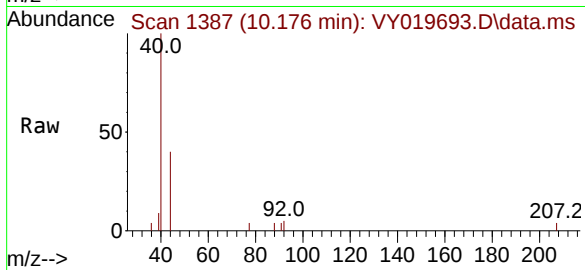
ClientSampleId :

Tgt Ion: 92 Resp: 48

Ion Ratio Lower Upper

92 100

91 41.7 139.0 208.6#



#59

2-Hexanone

Concen: 20.152 ug/l

RT: 10.780 min Scan# 1486

Delta R.T. 0.019 min

Lab File: VY019693.D

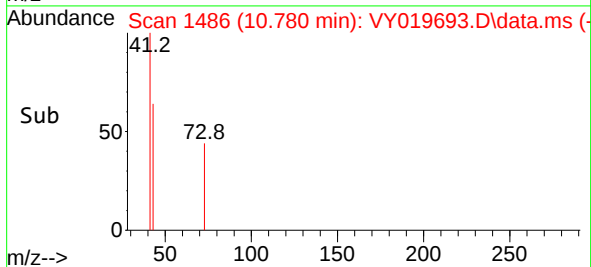
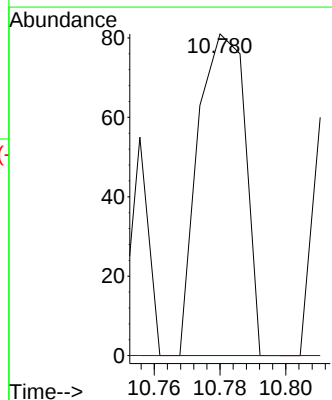
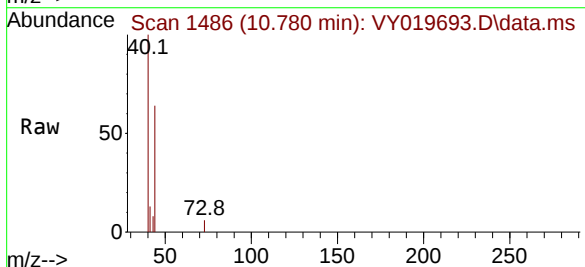
Acq: 25 Sep 2024 14:27

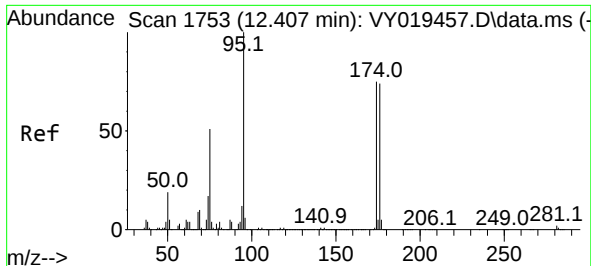
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

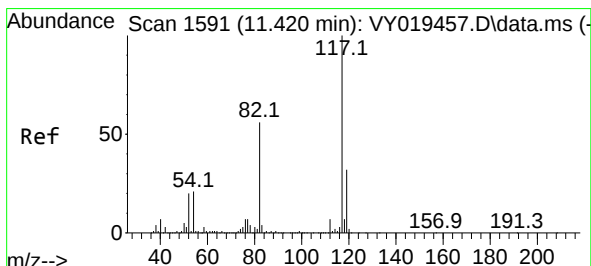
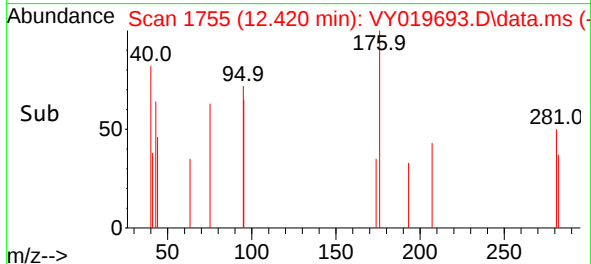
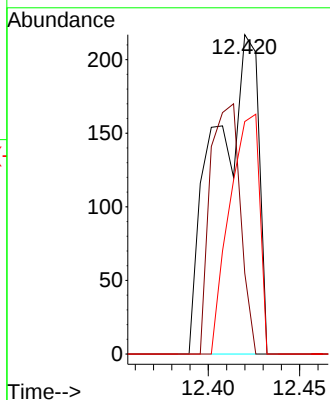
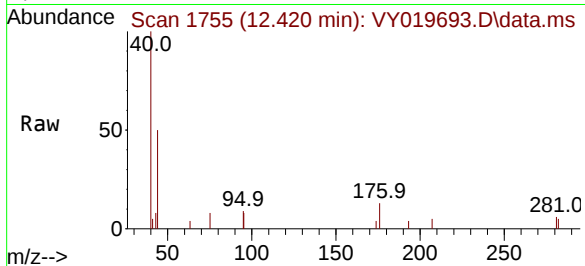




#62
4-Bromofluorobenzene
Concen: 33.874 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.013 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

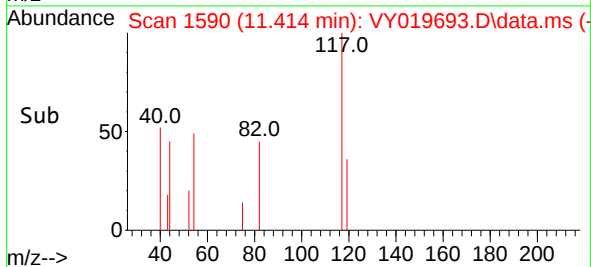
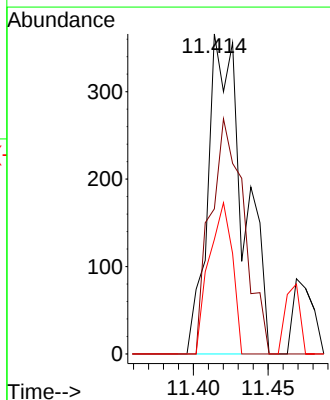
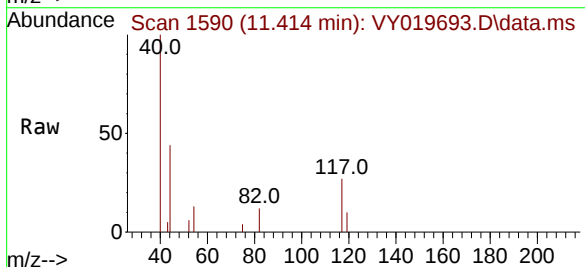
Instrument :
MSVOA_Y
ClientSampleId :

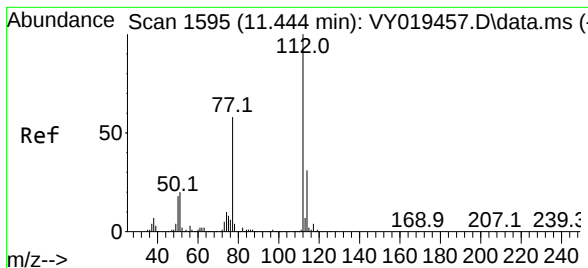
Tgt Ion: 95 Resp: 354
Ion Ratio Lower Upper
95 100
174 54.8 0.0 175.6
176 52.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 117 Resp: 603
Ion Ratio Lower Upper
117 100
82 45.4 42.4 63.6
119 35.8 25.9 38.9





#65

Chlorobenzene

Concen: 2.192 ug/l

RT: 11.554 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

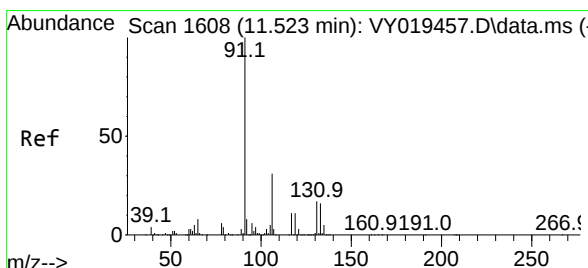
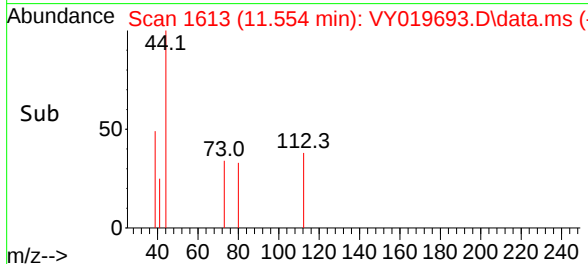
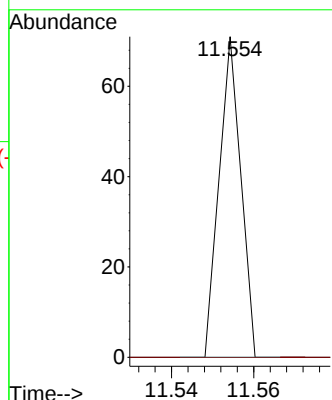
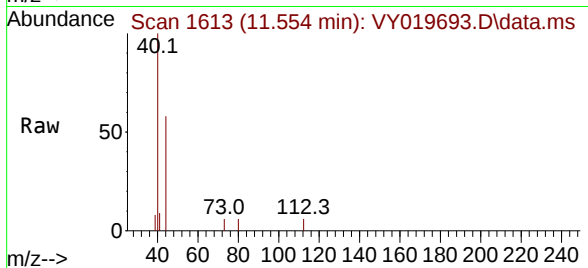
ClientSampleId :

Tgt Ion:112 Resp: 26

Ion Ratio Lower Upper

112 100

114 0.0 26.4 39.6#



#67

Ethyl Benzene

Concen: 1.281 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY019693.D

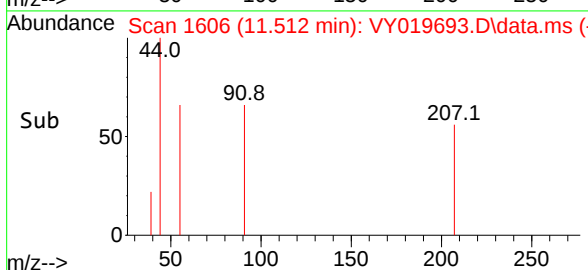
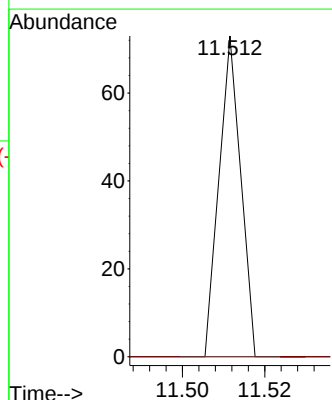
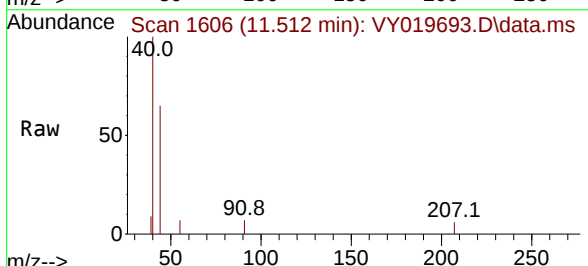
Acq: 25 Sep 2024 14:27

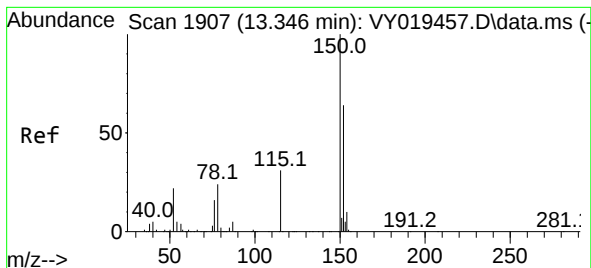
Tgt Ion: 91 Resp: 27

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

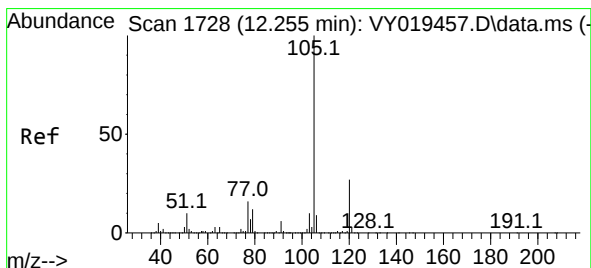
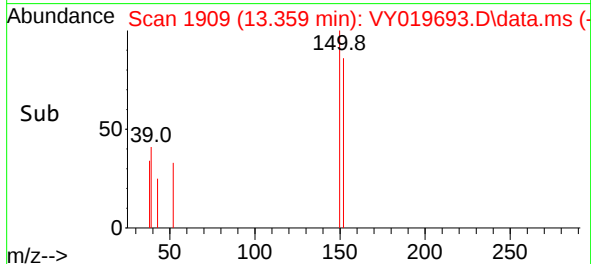
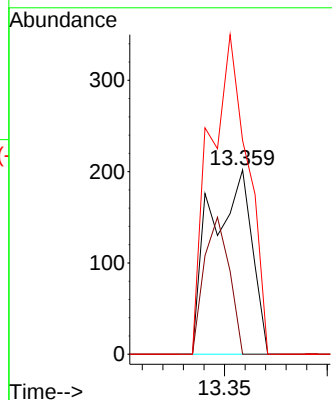
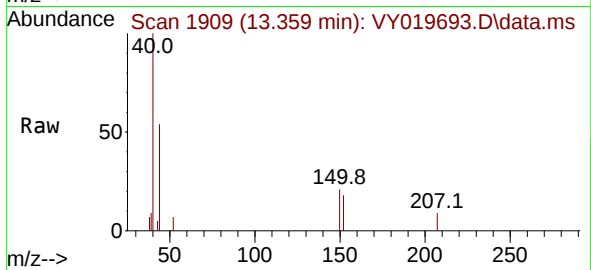
Tgt Ion:152 Resp: 278

Ion Ratio Lower Upper

152 100

115 46.0 28.2 84.7

150 162.2 0.0 345.6



#73

Isopropylbenzene

Concen: 1.388 ug/l

RT: 12.316 min Scan# 1738

Delta R.T. 0.061 min

Lab File: VY019693.D

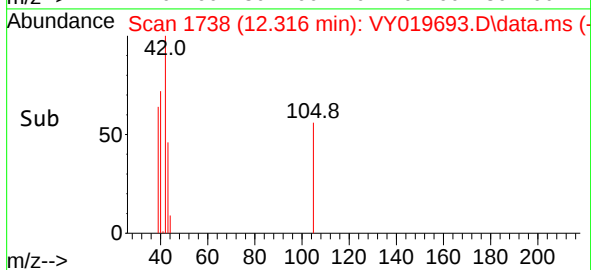
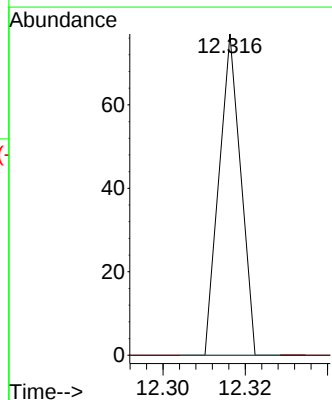
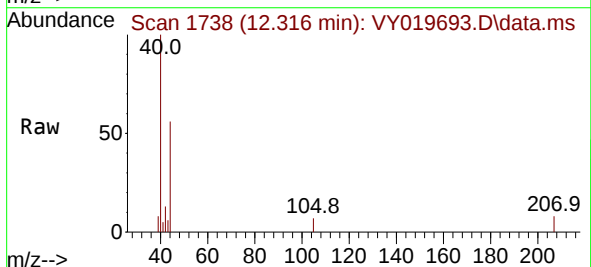
Acq: 25 Sep 2024 14:27

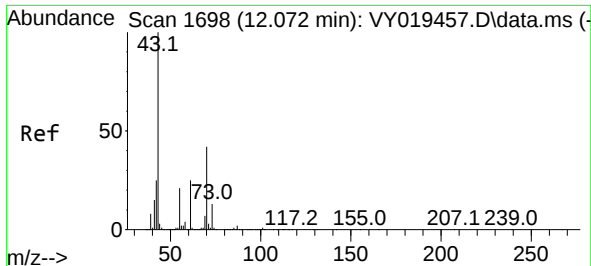
Tgt Ion:105 Resp: 28

Ion Ratio Lower Upper

105 100

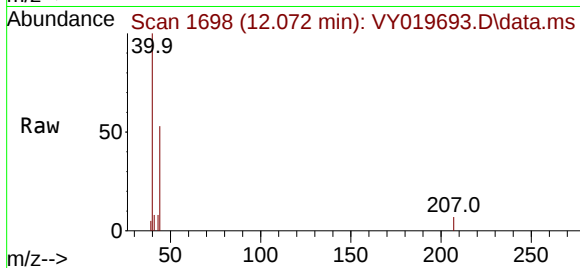
120 0.0 13.4 40.1#



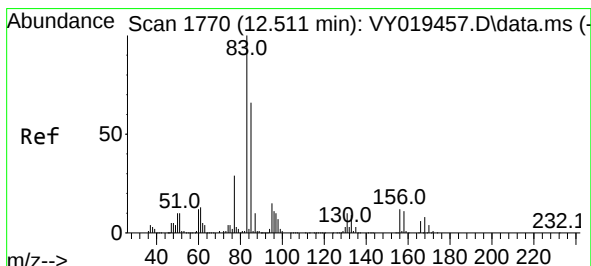
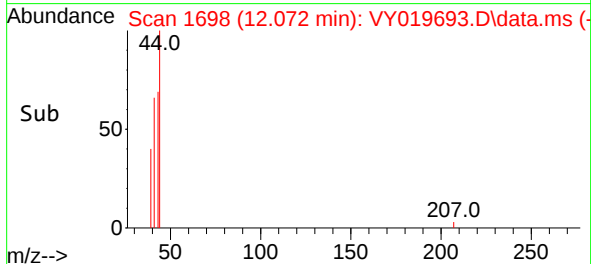
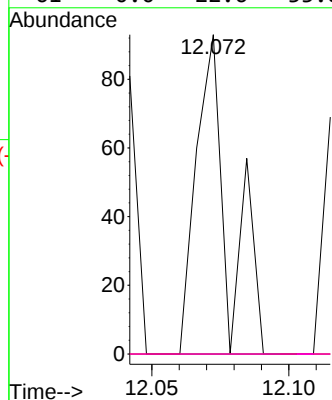


#74
N-amy1 acetate
Concen: 14.038 ug/l
RT: 12.072 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

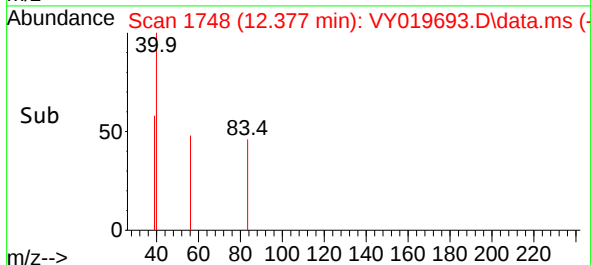
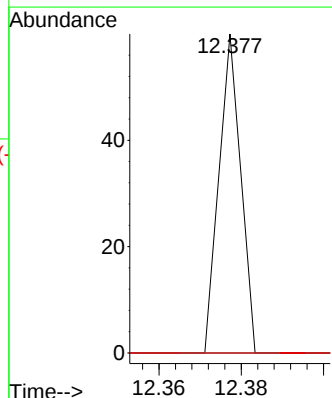
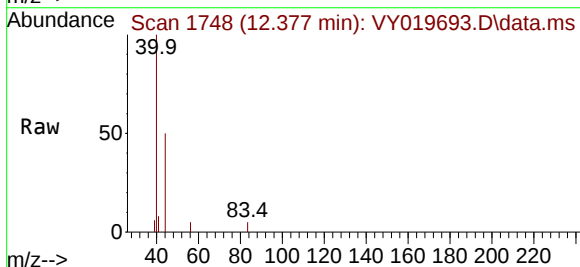


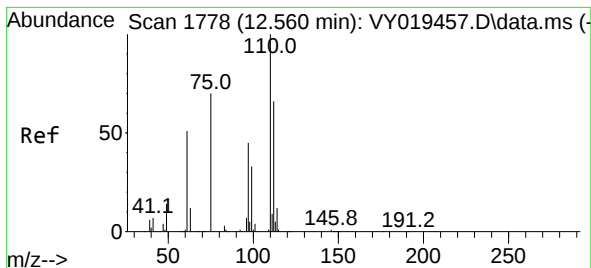
Tgt Ion: 43	Resp:	77
Ion	Ratio	Lower Upper
43	100	
70	0.0	41.4 62.2#
55	0.0	23.3 34.9#
61	0.0	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.146 ug/l
RT: 12.377 min Scan# 1748
Delta R.T. -0.134 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 83	Resp:	22
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.0 14.9#
85	0.0	32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 30.319 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.140 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

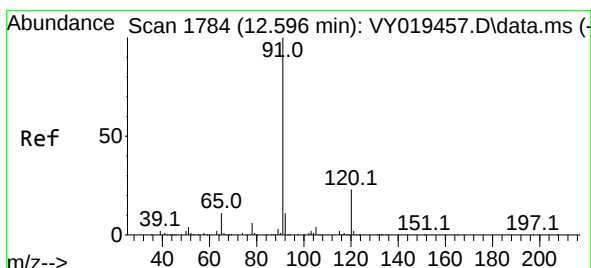
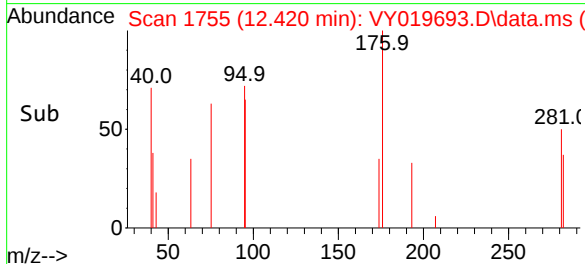
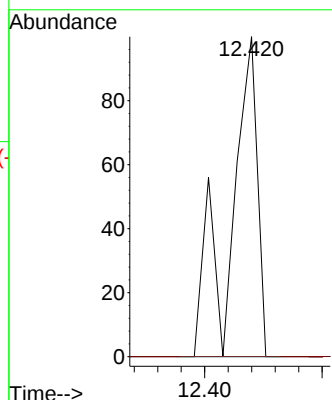
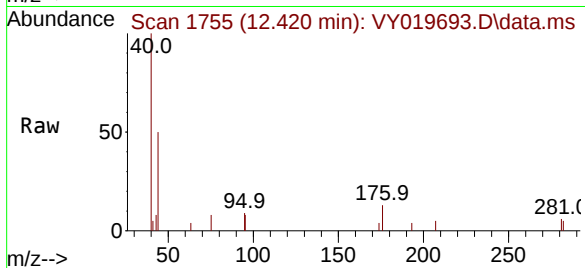
ClientSampleId :

Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#78

n-propylbenzene

Concen: 2.092 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019693.D

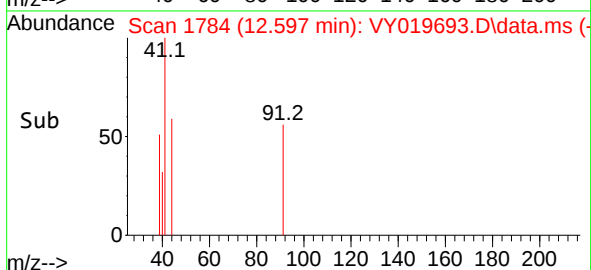
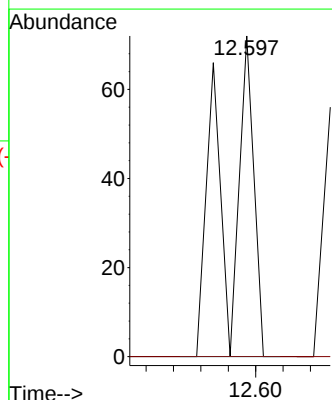
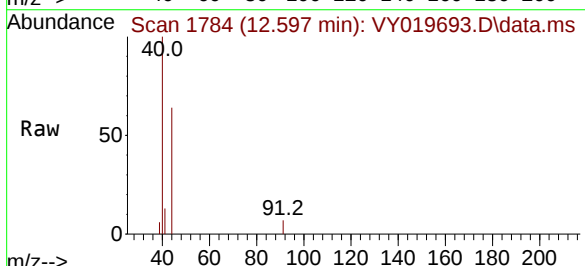
Acq: 25 Sep 2024 14:27

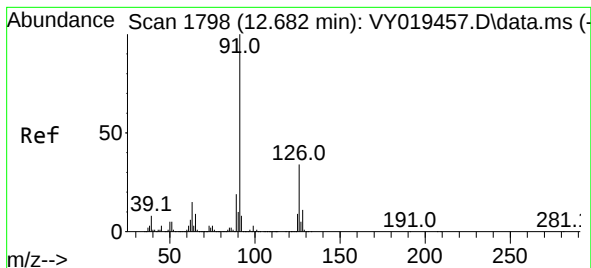
Tgt Ion: 91 Resp: 50

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#

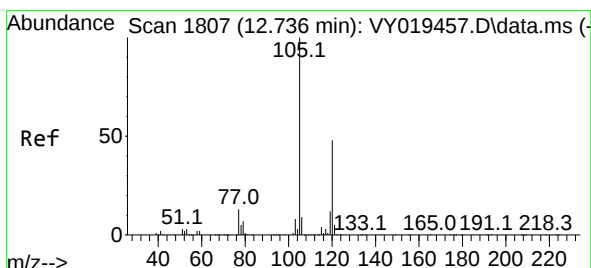
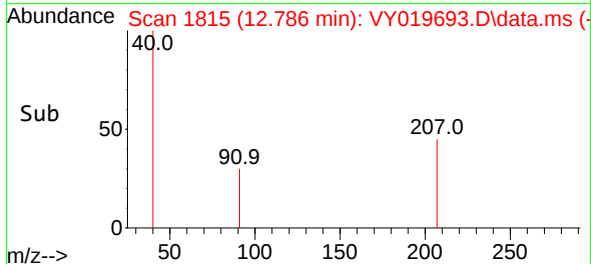
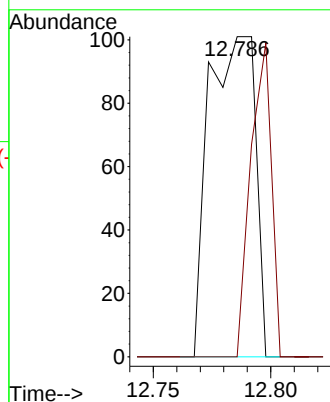
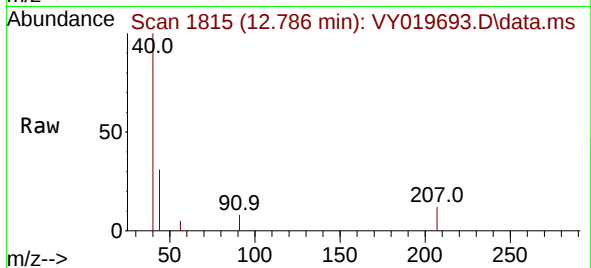




#79
2-Chlorotoluene
Concen: 9.978 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.104 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

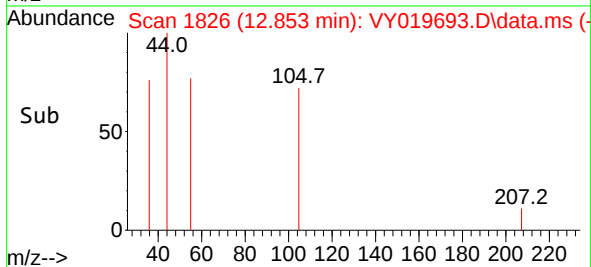
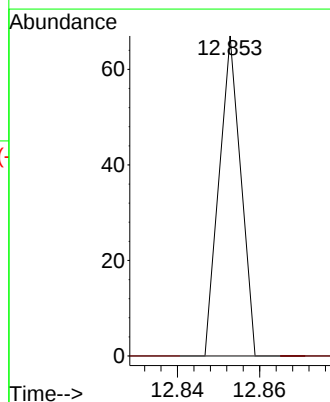
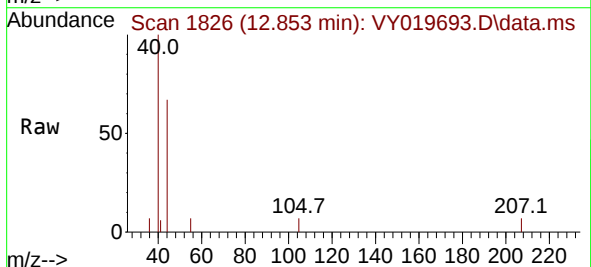
Instrument :
MSVOA_Y
ClientSampleId :

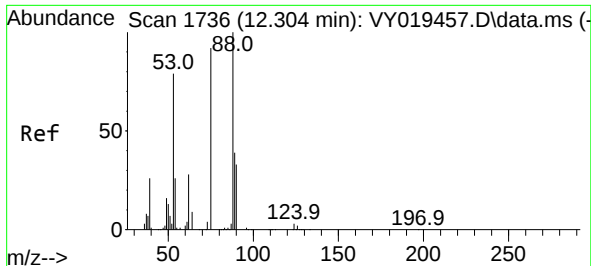
Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 43.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 1.525 ug/l
RT: 12.853 min Scan# 1826
Delta R.T. 0.116 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 105 Resp: 25
Ion Ratio Lower Upper
105 100
120 0.0 25.1 75.2#

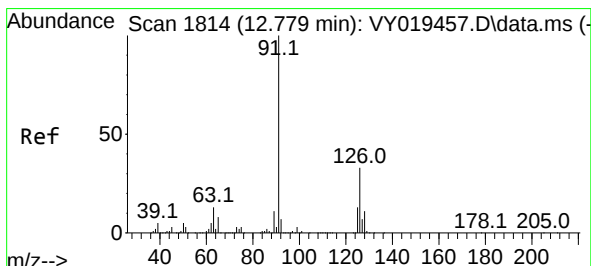
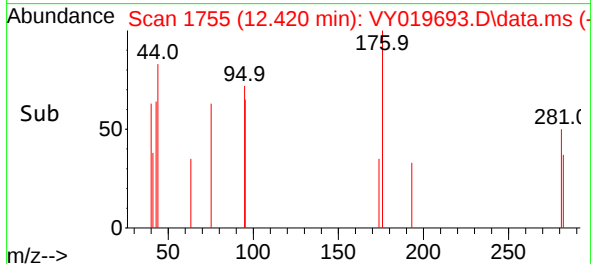
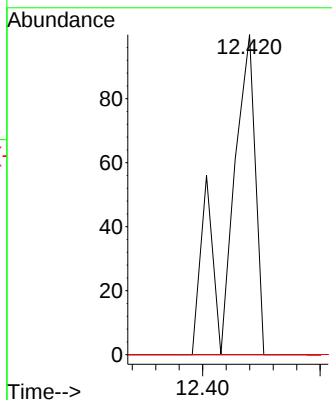
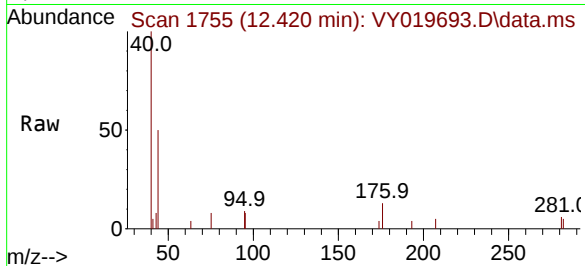




#81
trans-1,4-Dichloro-2-butene
Concen: 58.203 ug/l
RT: 12.420 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

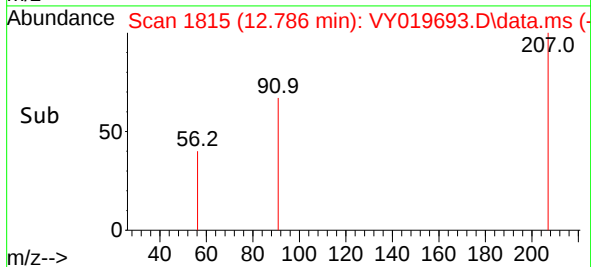
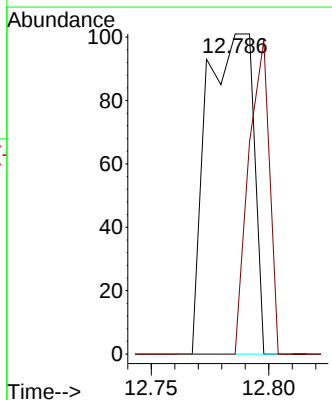
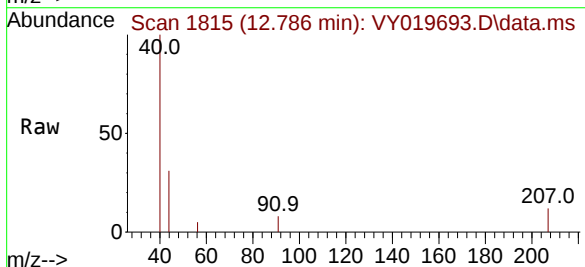
Instrument :
MSVOA_Y
ClientSampleId :

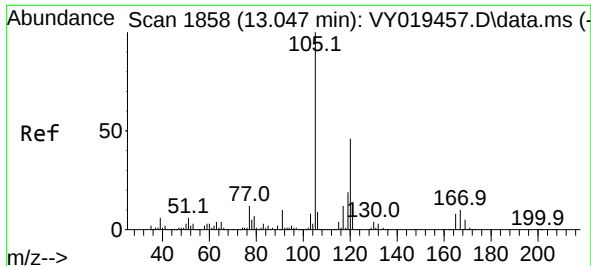
Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 9.705 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 43.9 17.6 52.9

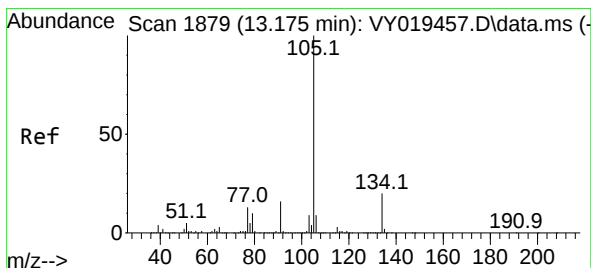
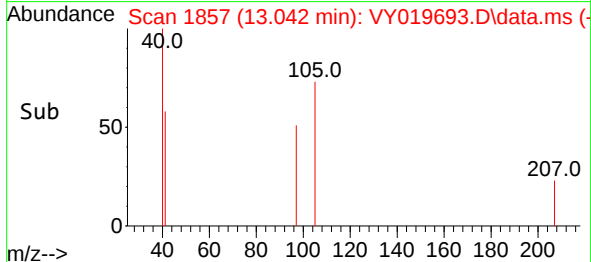
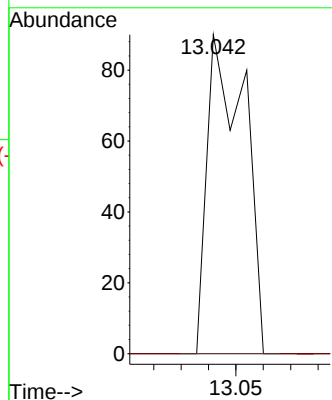
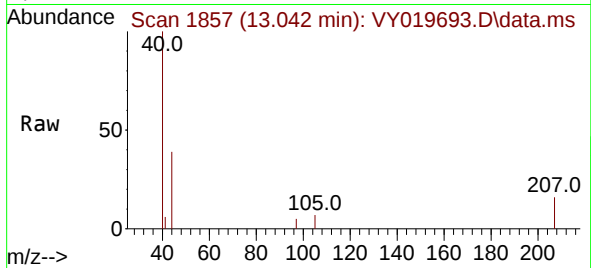




#84
1,2,4-Trimethylbenzene
Concen: 5.237 ug/l
RT: 13.042 min Scan# 1858
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

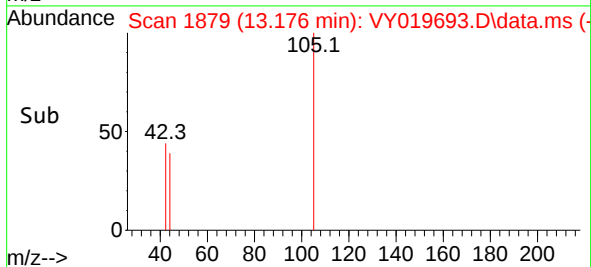
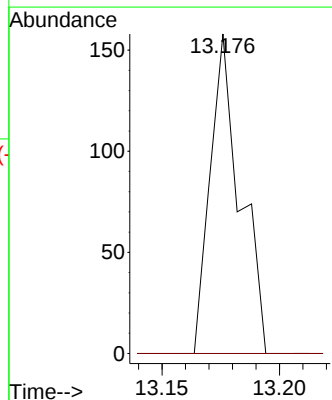
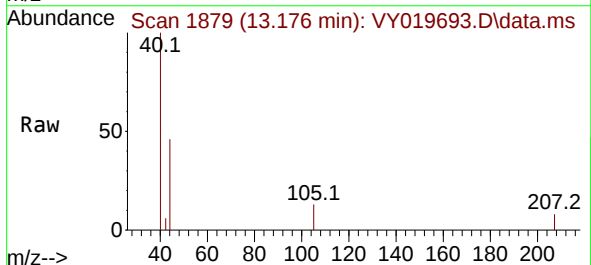
Instrument :
MSVOA_Y
ClientSampleId :

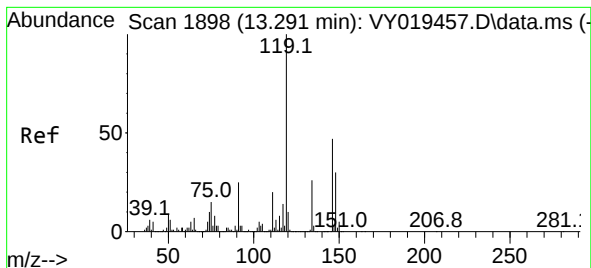
Tgt Ion:105 Resp: 85
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#85
sec-Butylbenzene
Concen: 6.493 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion:105 Resp: 140
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

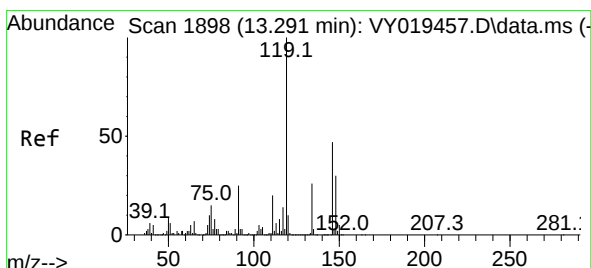
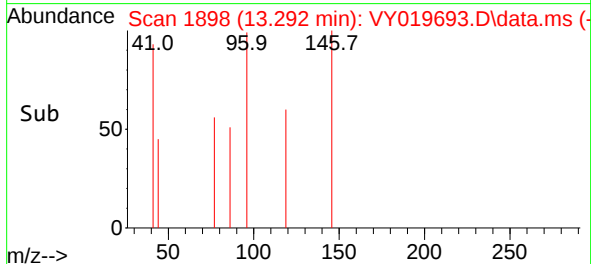
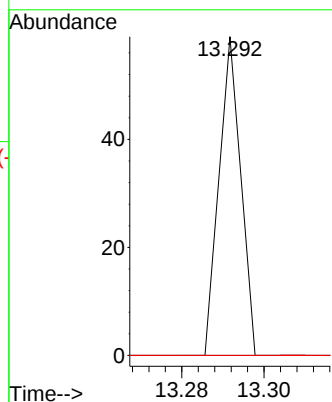
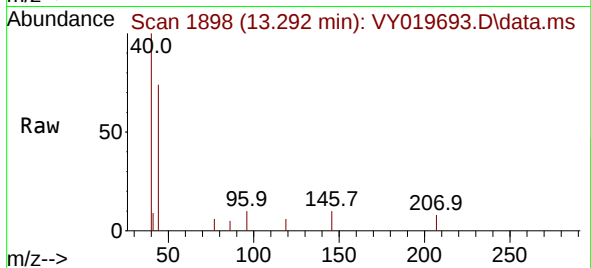




#86
 p-Isopropyltoluene
 Concen: 1.247 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019693.D
 Acq: 25 Sep 2024 14:27

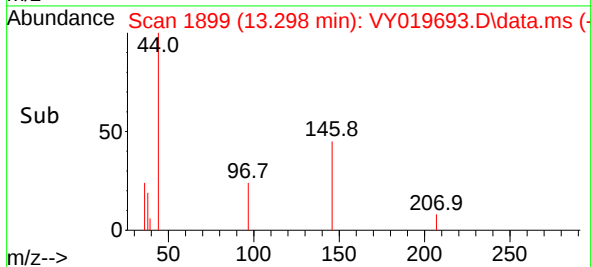
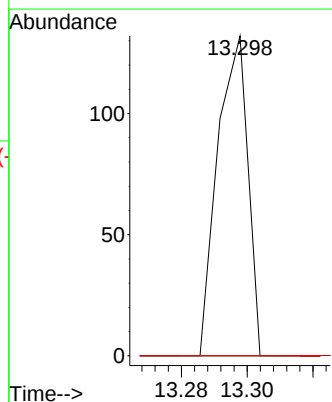
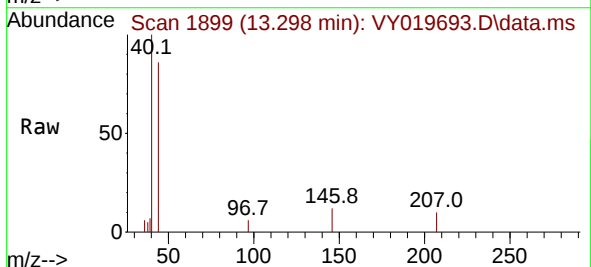
Instrument :
 MSVOA_Y
 ClientSampleId :

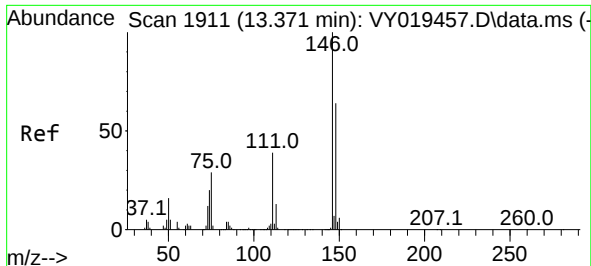
Tgt Ion:119 Resp: 22
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 0.0 10.7 32.1#



#87
 1,3-Dichlorobenzene
 Concen: 9.665 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.007 min
 Lab File: VY019693.D
 Acq: 25 Sep 2024 14:27

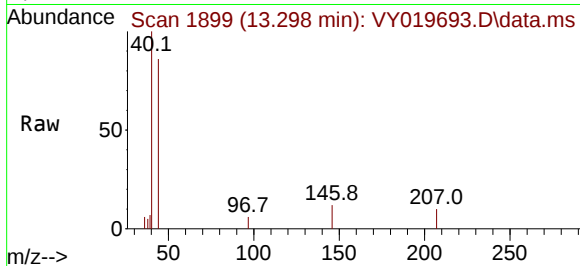
Tgt Ion:146 Resp: 84
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 0.0 31.7 95.1#



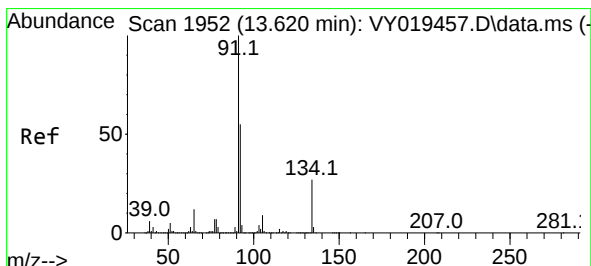
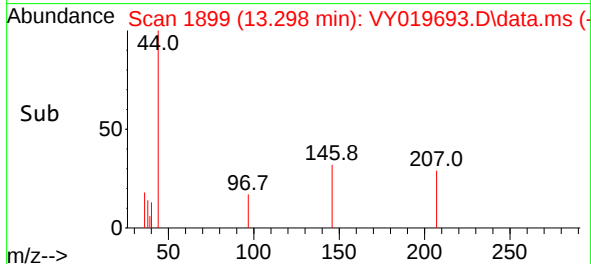
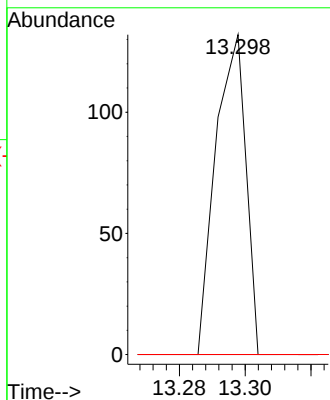


#88
1,4-Dichlorobenzene
Concen: 9.738 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.073 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

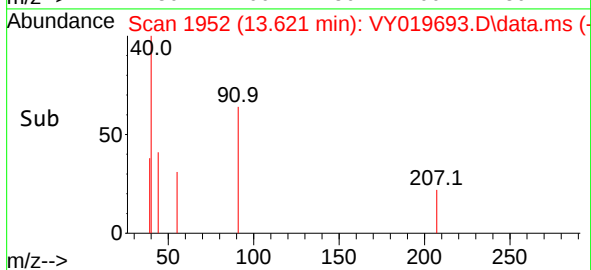
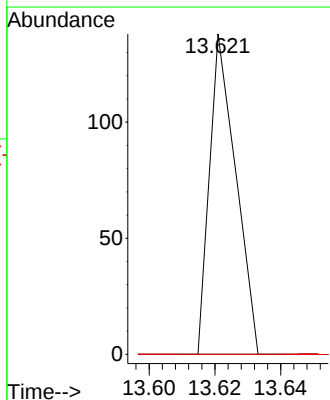
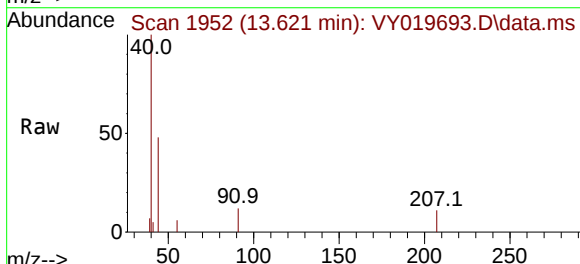


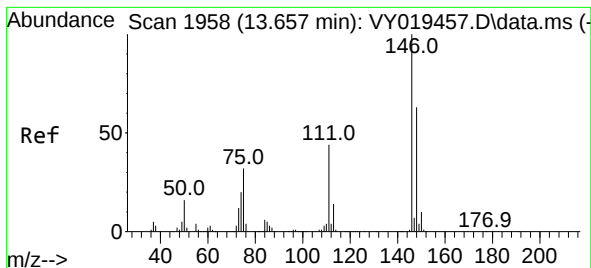
Tgt Ion:146 Resp: 84
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.4#
148 0.0 32.4 97.2#



#89
n-Butylbenzene
Concen: 4.506 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 91 Resp: 76
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#





#91

1,2-Dichlorobenzene

Concen: 6.060 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019693.D

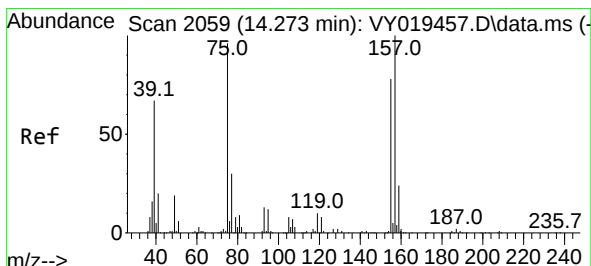
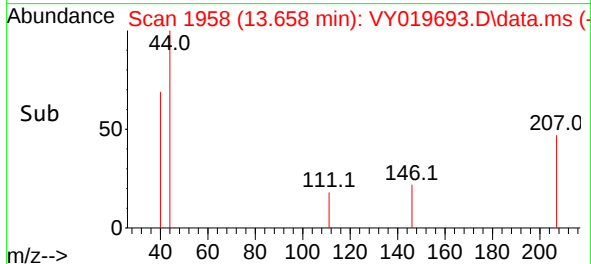
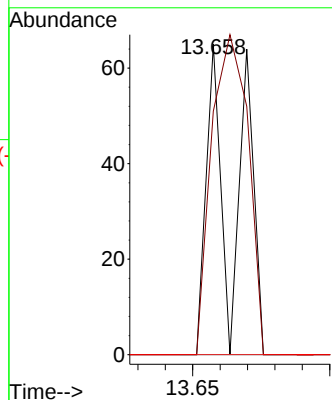
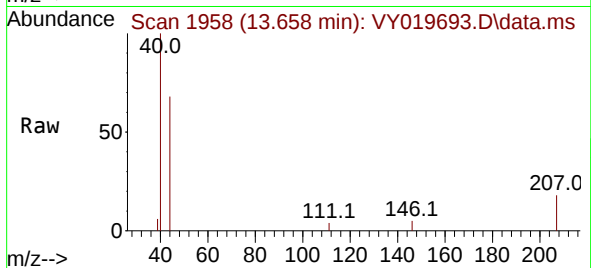
Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	47
Ion	Ratio	Lower Upper
146	100	
111	131.9	19.9 59.7#
148	0.0	31.8 95.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.370 ug/l

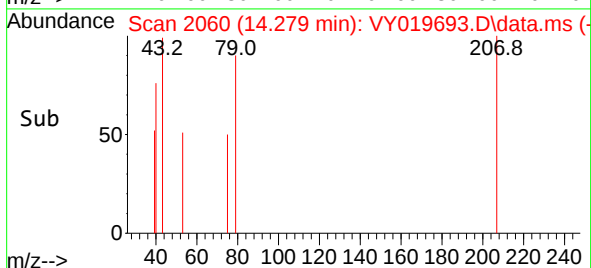
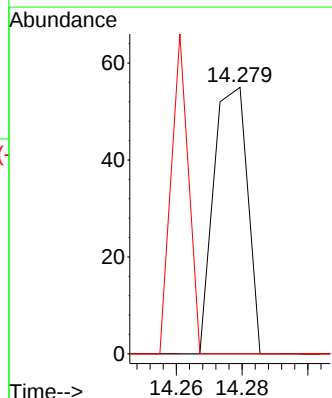
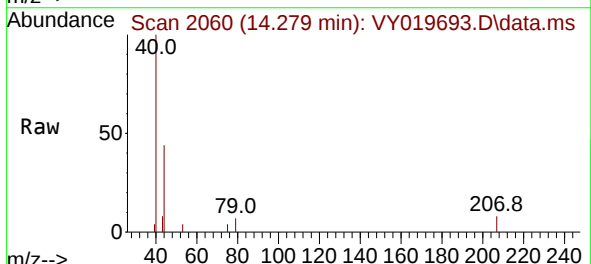
RT: 14.279 min Scan# 2060

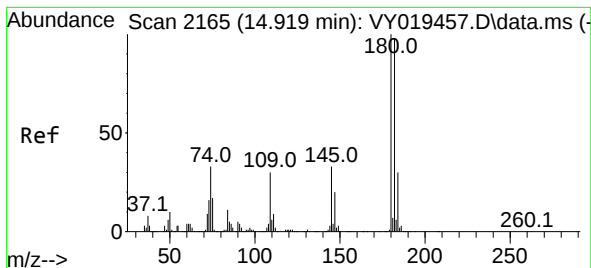
Delta R.T. 0.007 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Tgt Ion: 75	Resp:	39
Ion	Ratio	Lower Upper
75	100	
155	0.0	48.6 145.8#
157	61.5	62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 19.715 ug/l

RT: 14.932 min Scan# 2165

Delta R.T. 0.013 min

Lab File: VY019693.D

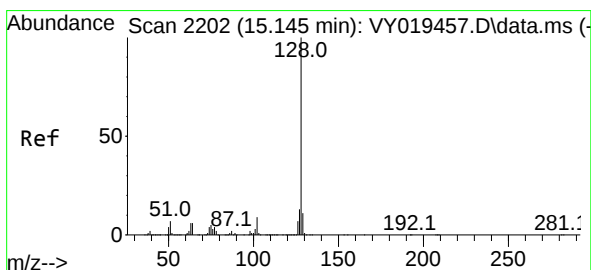
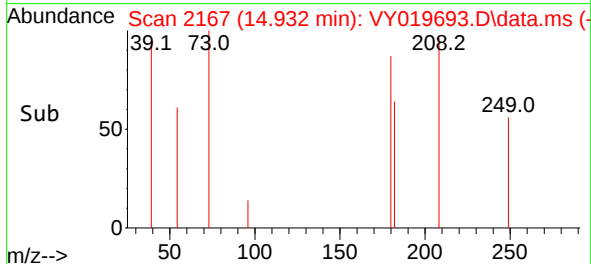
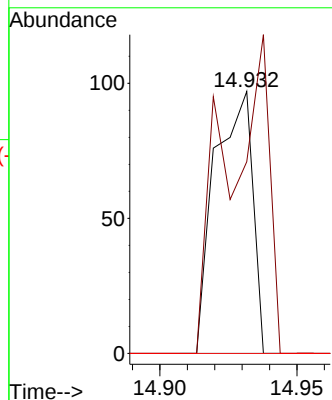
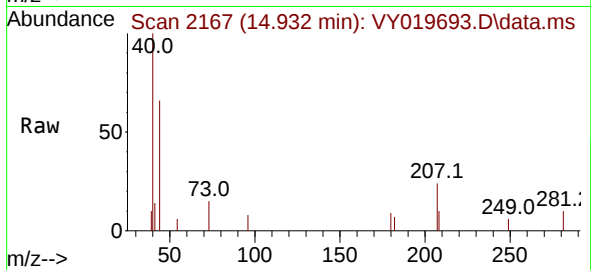
Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	93
Ion	Ratio	Lower Upper
180	100	
182	134.4	47.9 143.8
145	0.0	14.2 42.6#



#95

Naphthalene

Concen: 139.942 ug/l

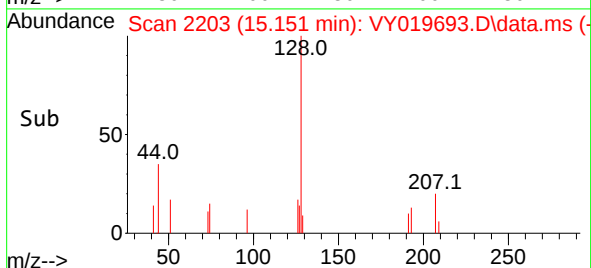
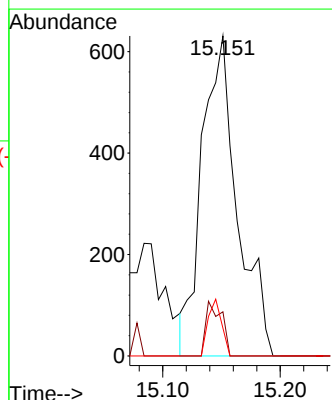
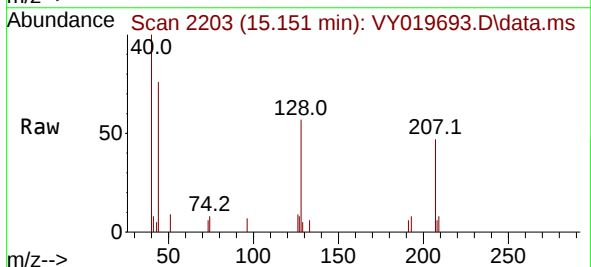
RT: 15.151 min Scan# 2203

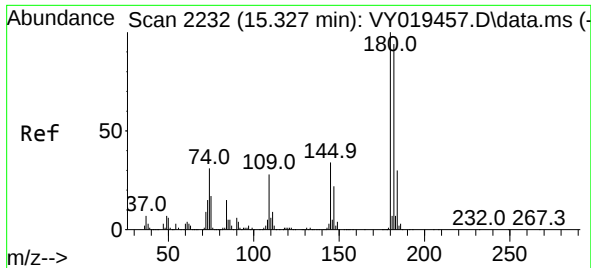
Delta R.T. 0.007 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

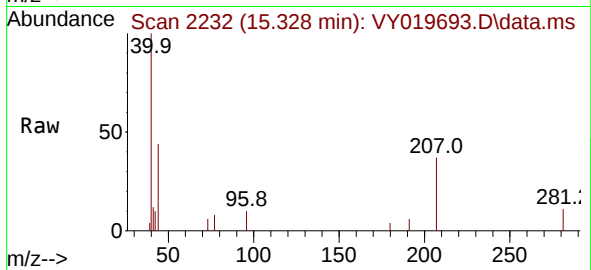
Tgt Ion:128	Resp:	1322
Ion	Ratio	Lower Upper
128	100	
127	7.6	10.6 16.0#
129	6.8	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.709 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019693.D
 Acq: 25 Sep 2024 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	19
Ion	Ratio	Lower	Upper
180	100		
182	152.6	47.6	142.9#
145	100.0	15.4	46.1#

