

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020397.D
 Acq On : 21 Nov 2024 19:14
 Operator : SY/MD
 Sample : P4938-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:29:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	155716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	300156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	286323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	117429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95020	53.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.220%
35) Dibromofluoromethane	7.634	113	94215	48.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.109	98	367873	48.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.408	95	127811	52.440	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.880%

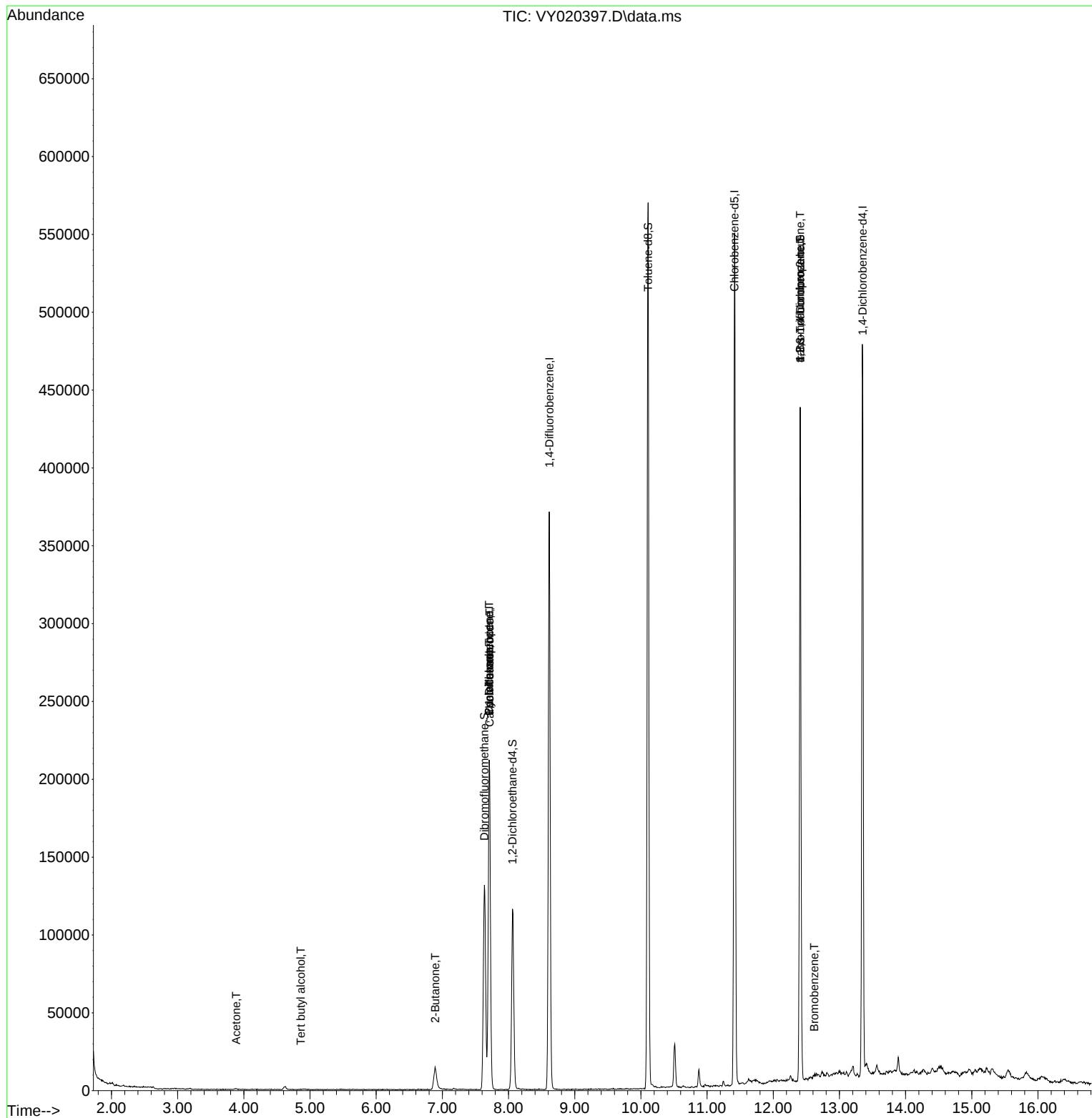
Target Compounds					Qvalue	
3) Chloromethane	2.080	50	60	Below Cal	#	41
11) Tert butyl alcohol	4.860	59	367	1.968	ug/l #	73
16) Acetone	3.885	43	1253	2.922	ug/l #	86
25) 2-Butanone	6.890	43	1003	1.817	ug/l #	50
31) Cyclohexane	7.707	56	3416	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	13097	4.455	ug/l #	51
38) Carbon Tetrachloride	7.713	117	16333	5.321	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	69843	63.103	ug/l #	100
77) Bromobenzene	12.621	156	2212	1.061	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.408	75	69843	123.648	ug/l #	9

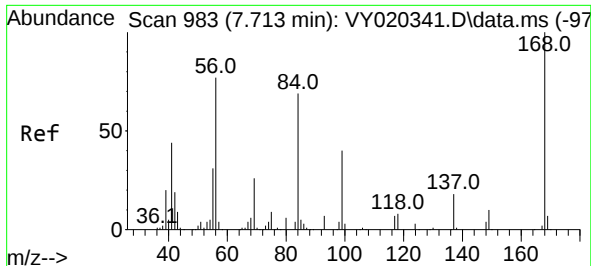
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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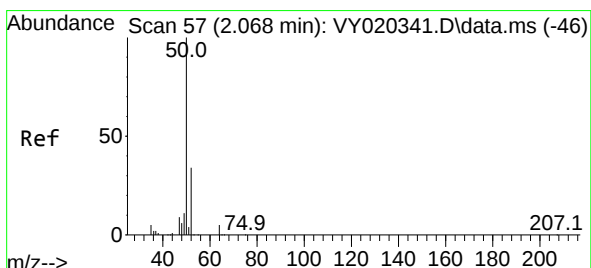
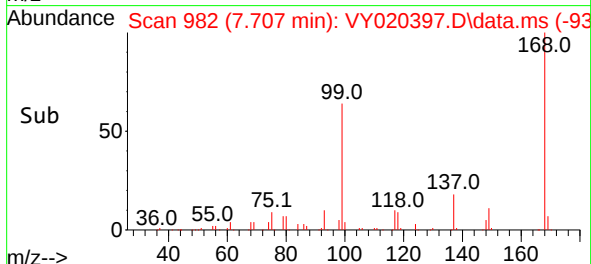
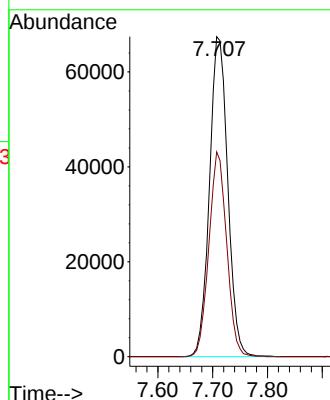
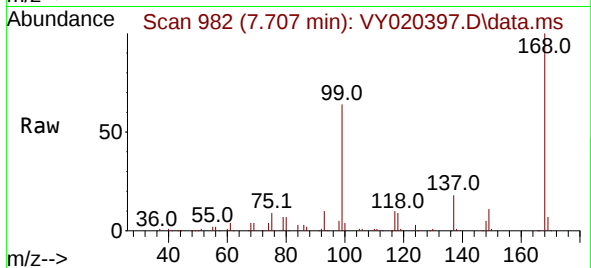




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

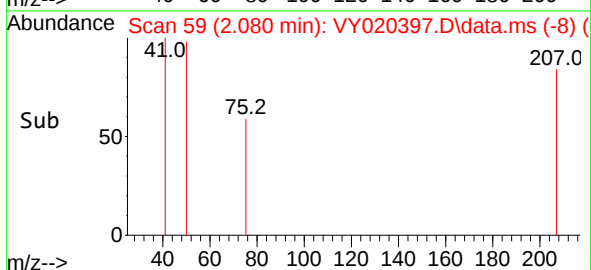
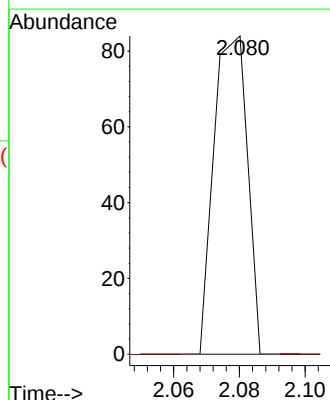
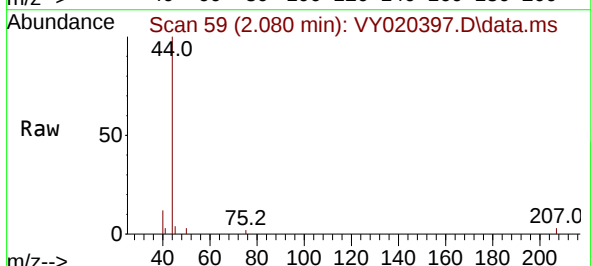
Instrument :
MSVOA_Y
ClientSampleId :

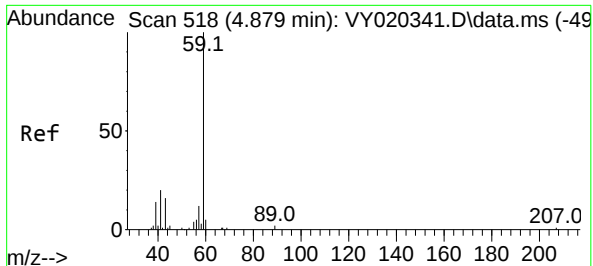
Tgt Ion:168 Resp: 155716
Ion Ratio Lower Upper
168 100
99 64.0 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 50 Resp: 60
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 1.968 ug/l

RT: 4.860 min Scan# 518

Delta R.T. -0.018 min

Lab File: VY020397.D

Acq: 21 Nov 2024 19:14

Instrument :

MSVOA_Y

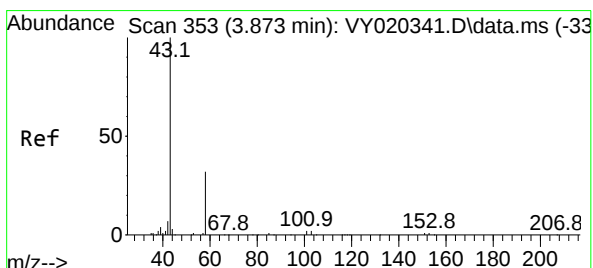
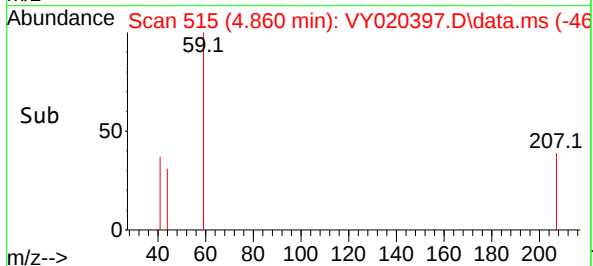
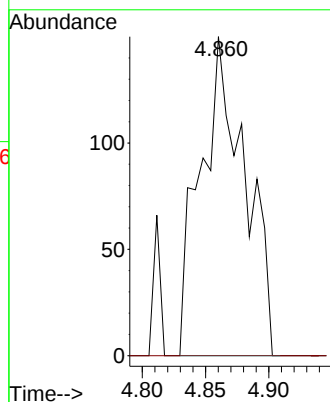
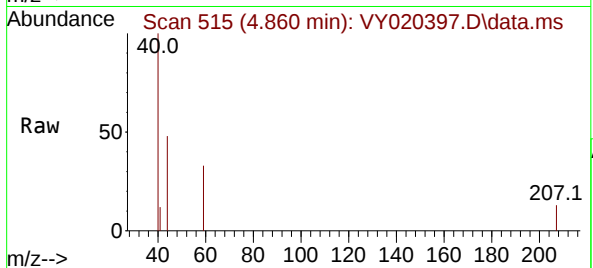
ClientSampleId :

Tgt Ion: 59 Resp: 367

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.922 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020397.D

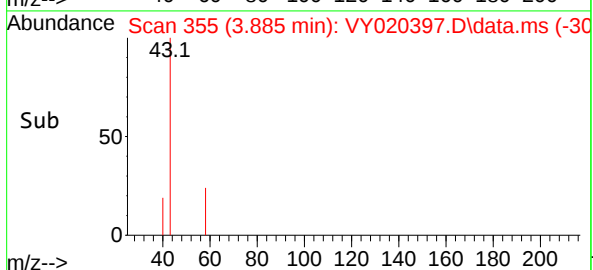
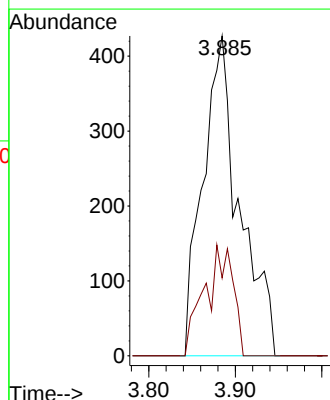
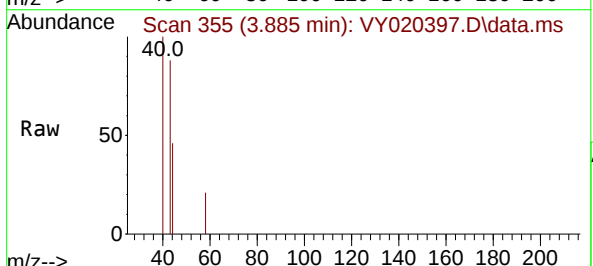
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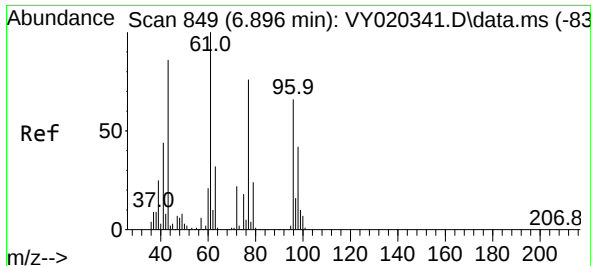
Tgt Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

58 24.4 25.7 38.5#

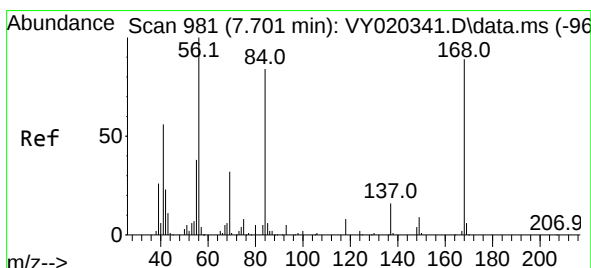
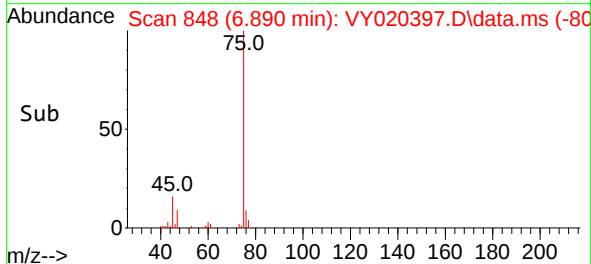
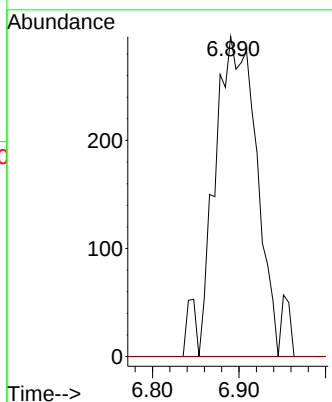
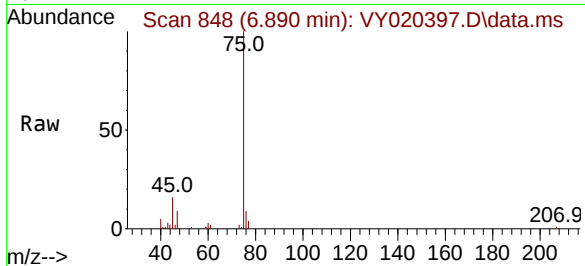




#25
2-Butanone
Concen: 1.817 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

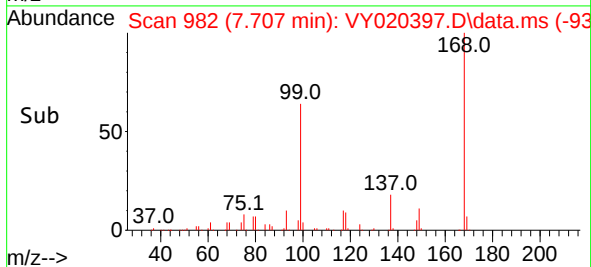
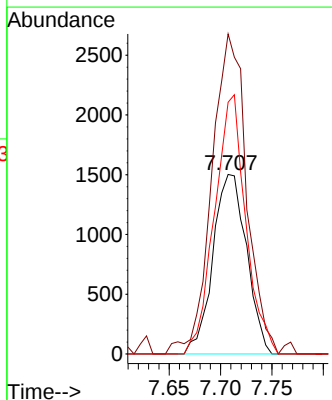
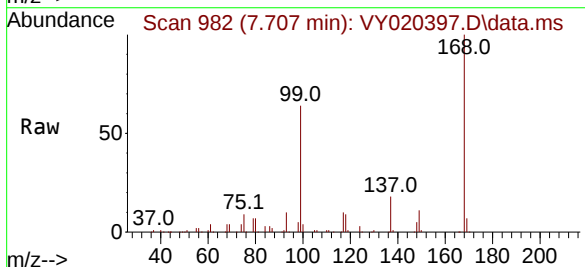
Instrument :
MSVOA_Y
ClientSampleId :

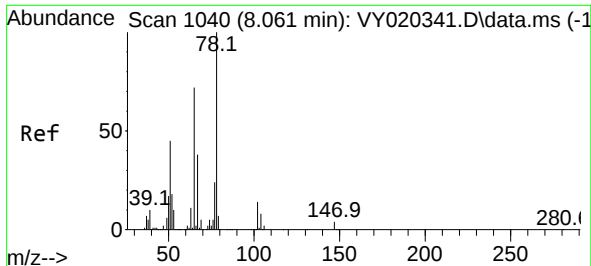
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 178.3 25.3 37.9#
84 140.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.114 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020397.D

Acq: 21 Nov 2024 19:14

Instrument :

MSVOA_Y

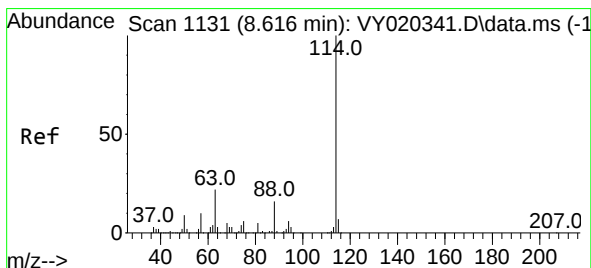
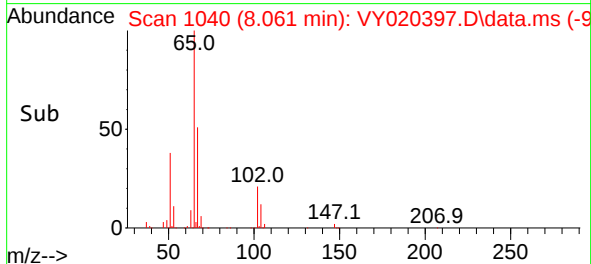
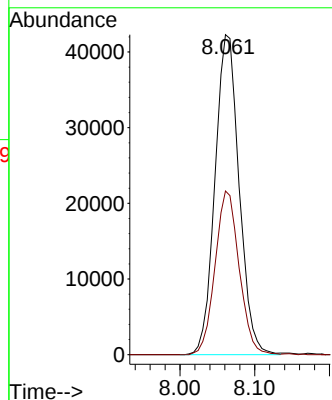
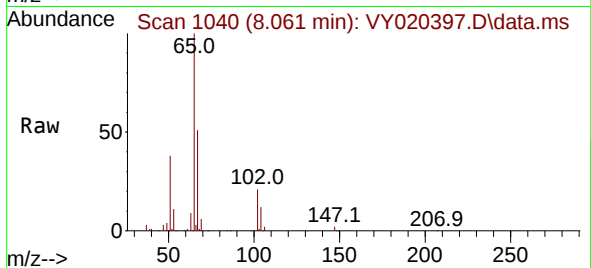
ClientSampleId :

Tgt Ion: 65 Resp: 95020

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020397.D

Acq: 21 Nov 2024 19:14

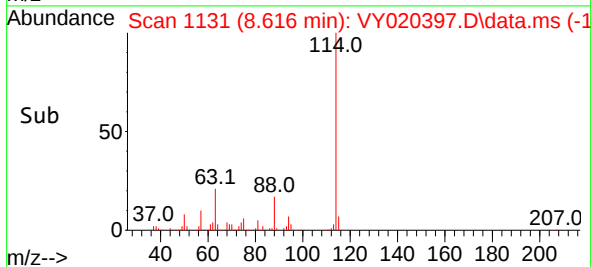
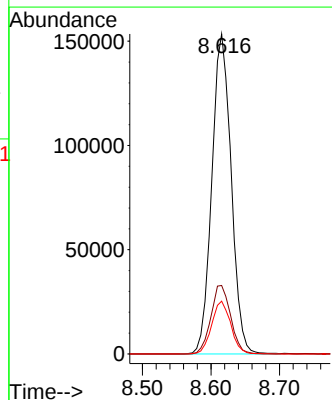
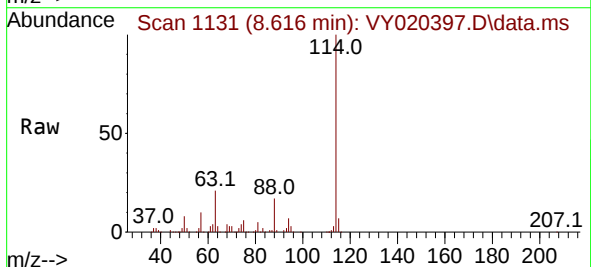
Tgt Ion:114 Resp: 300156

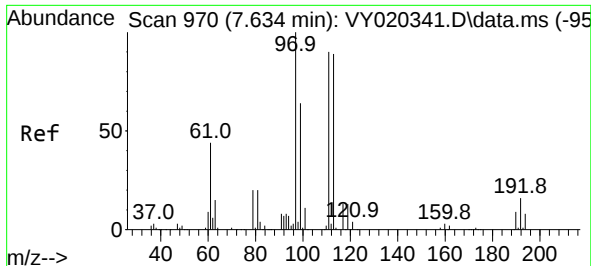
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

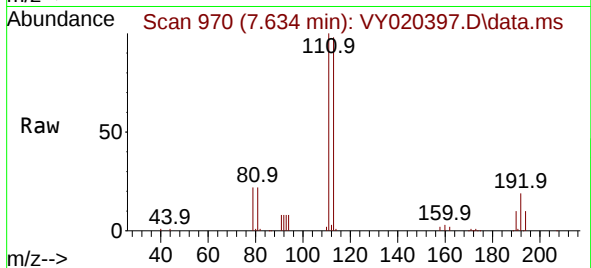
88 16.5 0.0 32.0



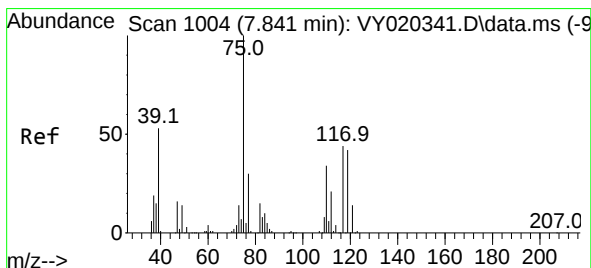
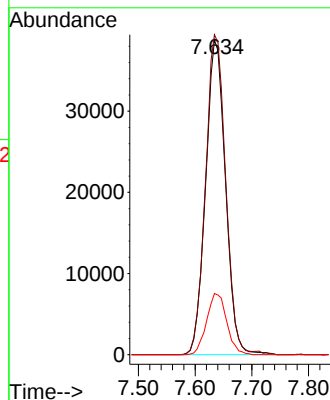
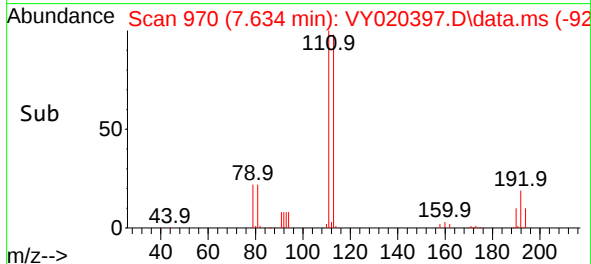


#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

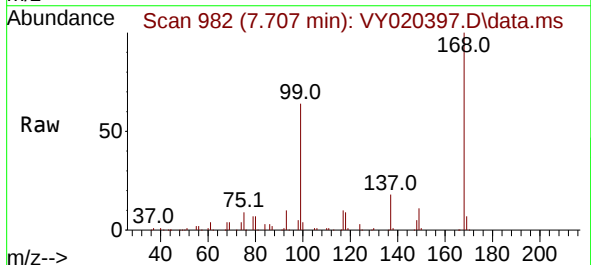
Instrument :
MSVOA_Y
ClientSampleId :



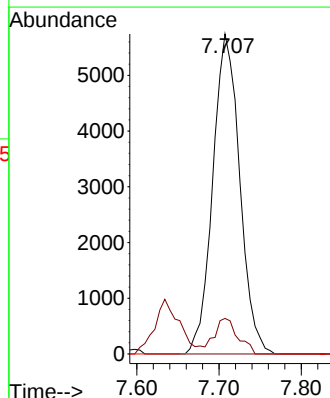
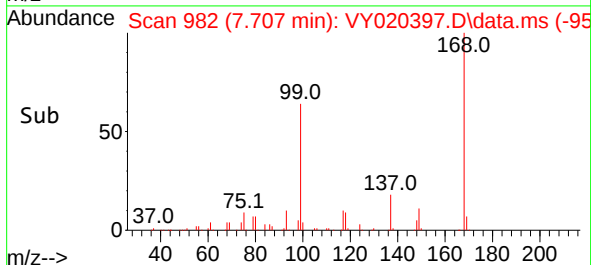
Tgt Ion:113 Resp: 94215
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.7 15.1 22.7

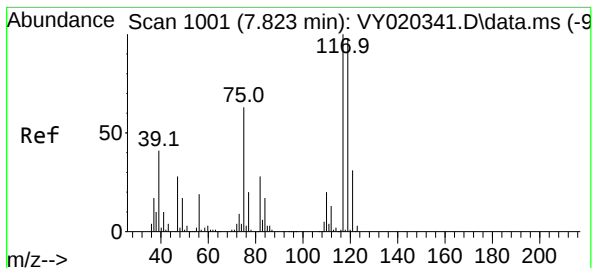


#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14



Tgt Ion: 75 Resp: 13097
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.321 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY020397.D

Acq: 21 Nov 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

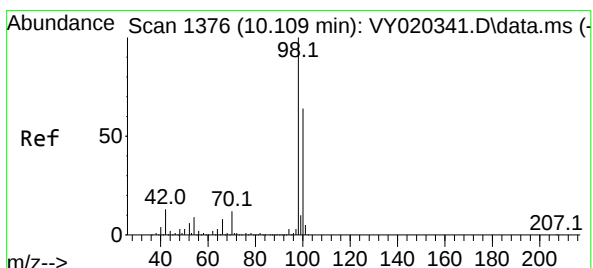
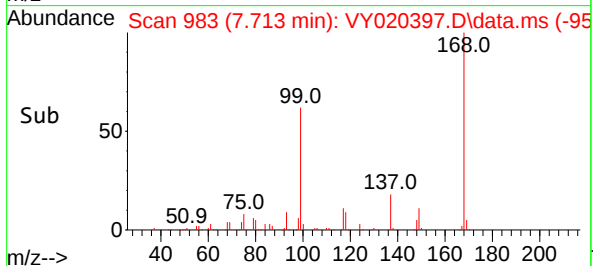
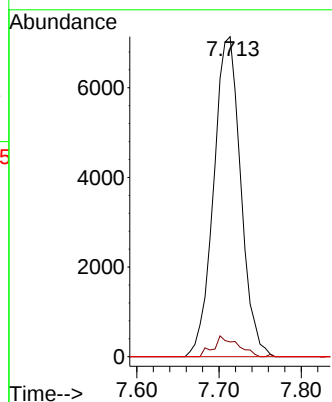
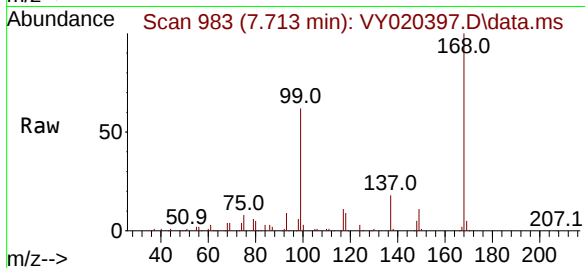
Tgt Ion:117 Resp: 16333

Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 48.521 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020397.D

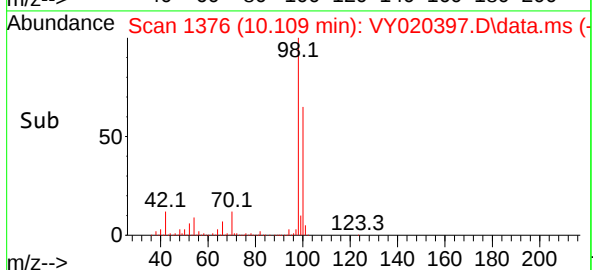
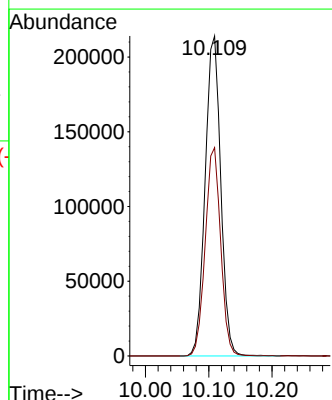
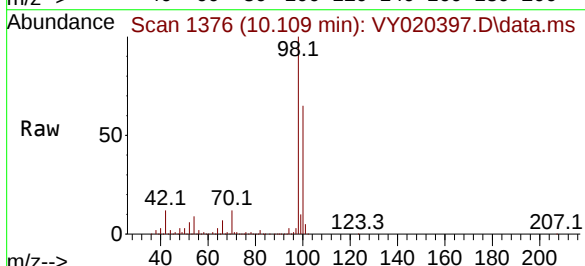
Acq: 21 Nov 2024 19:14

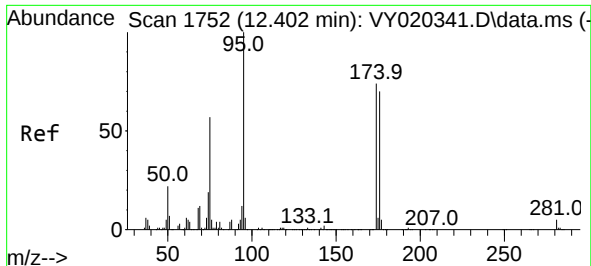
Tgt Ion: 98 Resp: 367873

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

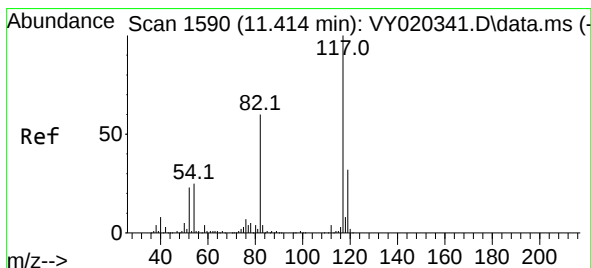
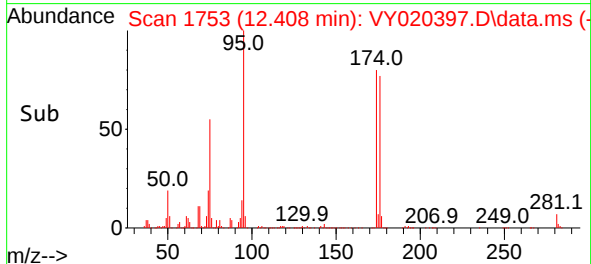
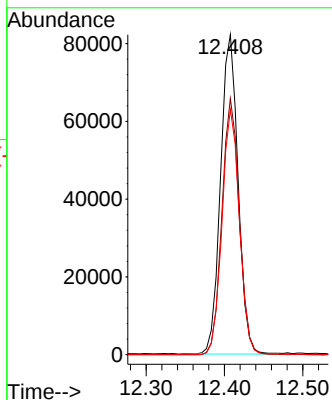
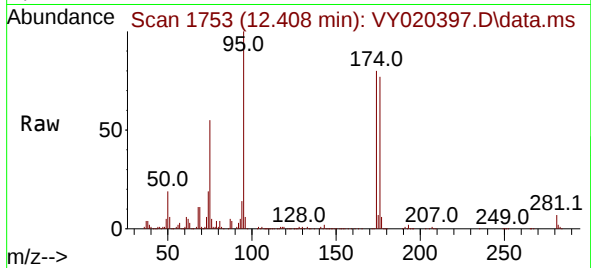




#62
4-Bromofluorobenzene
Concen: 52.440 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

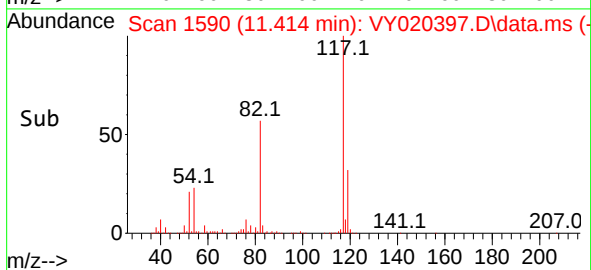
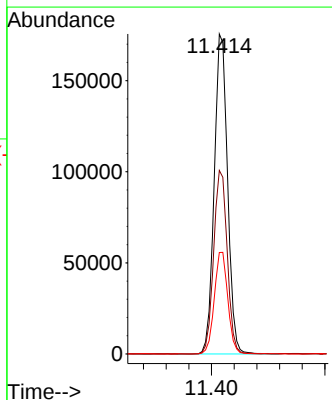
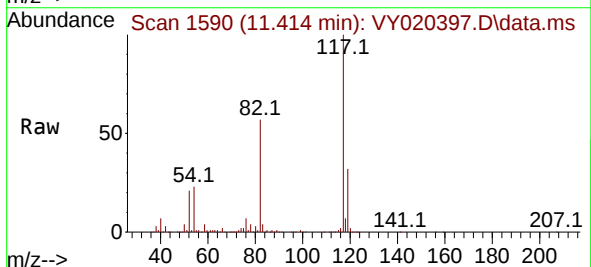
Instrument :
MSVOA_Y
ClientSampleId :

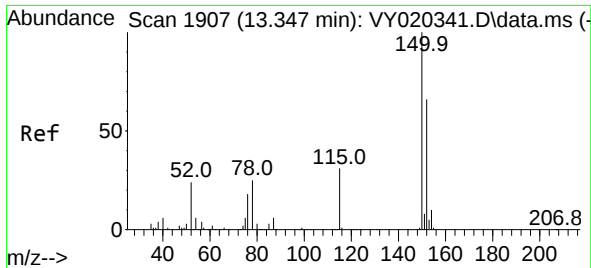
Tgt Ion: 95 Resp: 127811
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.8
176 76.3 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 117 Resp: 286323
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.4
119 31.6 25.8 38.8

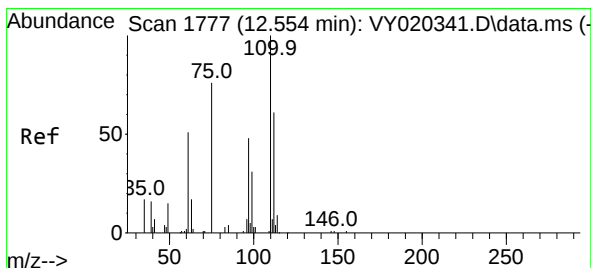
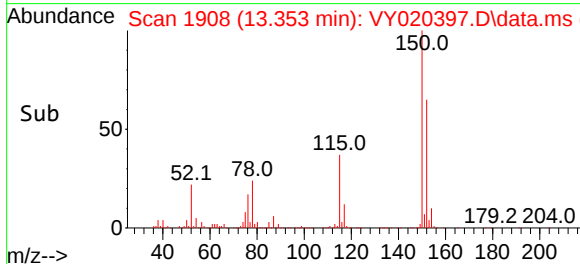
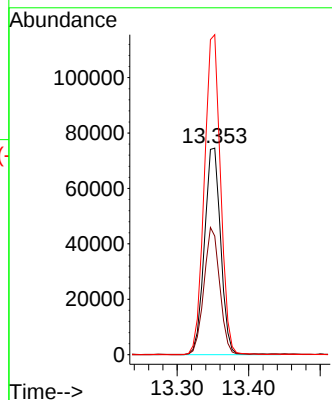
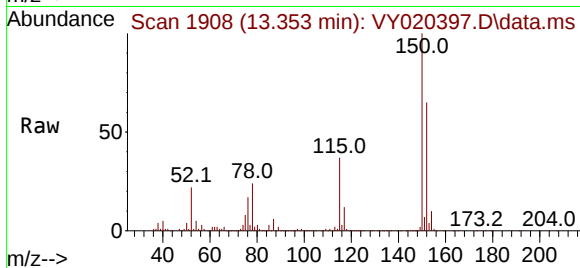




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

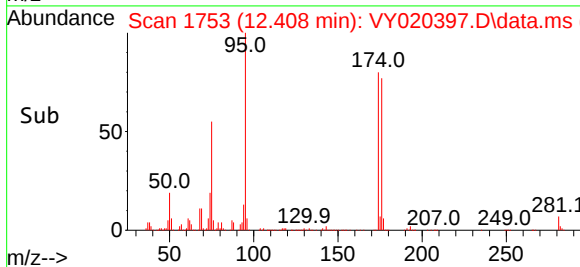
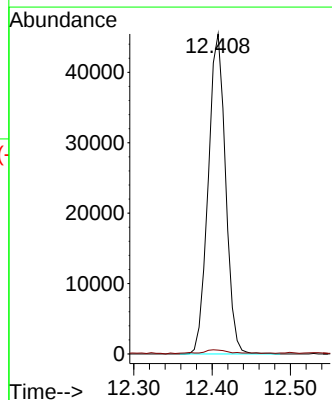
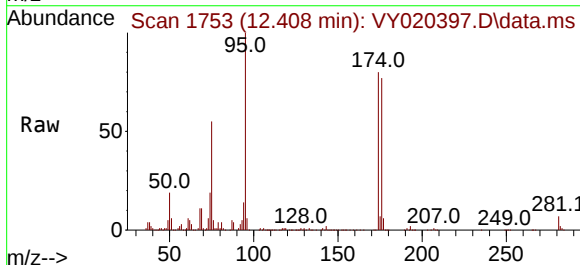
Instrument :
MSVOA_Y
ClientSampleId :

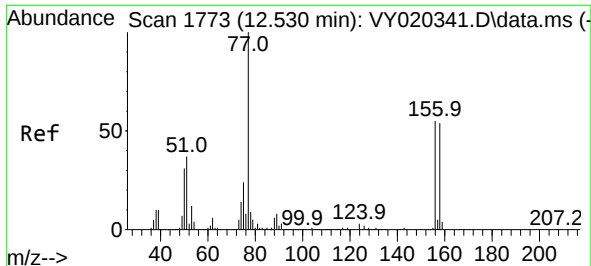
Tgt Ion:152 Resp: 117429
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 154.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 63.103 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 75 Resp: 69843
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

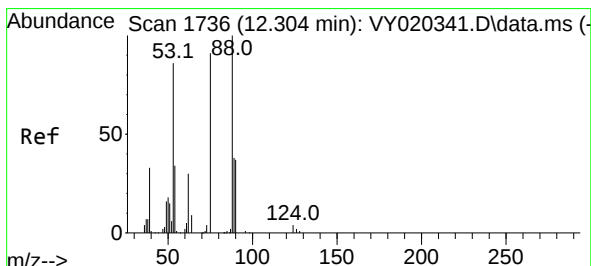
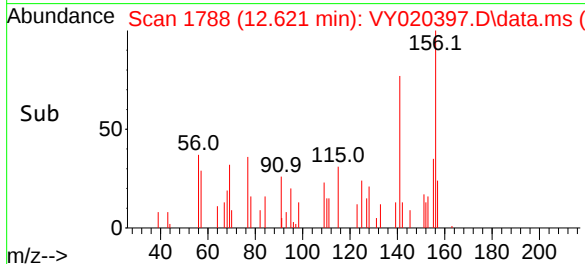
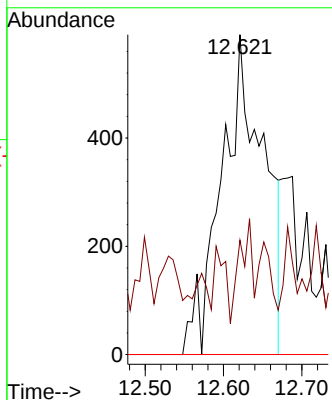
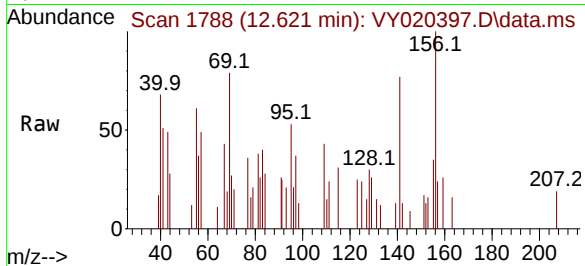




#77
Bromobenzene
Concen: 1.061 ug/l
RT: 12.621 min Scan# 1753
Delta R.T. 0.091 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 2212
Ion Ratio Lower Upper
156 100
77 9.6 97.2 291.6#
158 0.0 47.8 143.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.648 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020397.D
Acq: 21 Nov 2024 19:14

Tgt Ion: 75 Resp: 69843
Ion Ratio Lower Upper
75 100
53 0.1 81.1 121.7#
89 0.0 35.1 52.7#

