

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020354.D
 Acq On : 20 Nov 2024 13:07
 Operator : SY/MD
 Sample : P4924-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:46:36 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	151234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	279418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	114179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95685	55.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.634	113	92970	48.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.109	98	365092	48.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.402	95	125979	52.412	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.820%

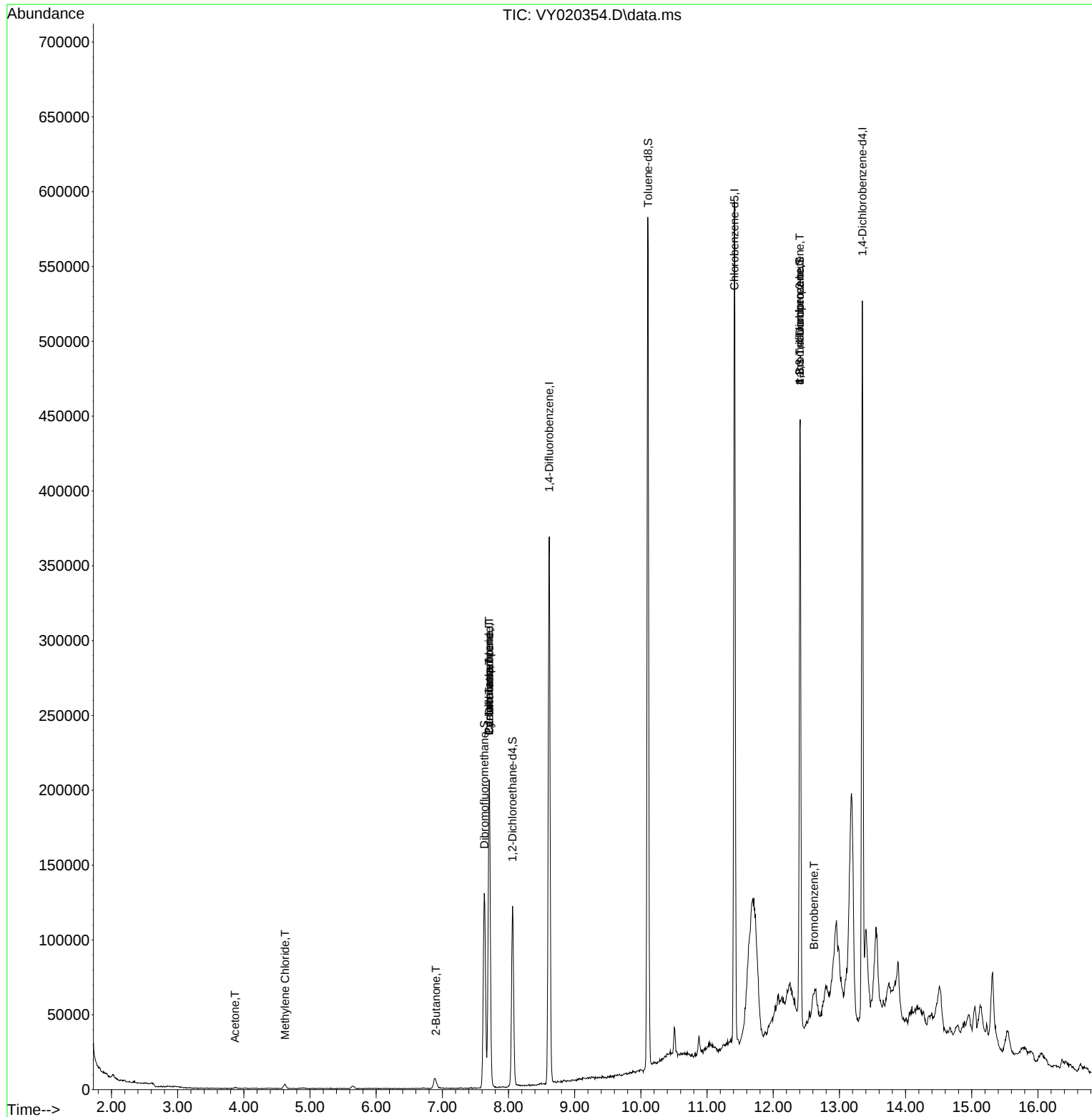
Target Compounds					Qvalue
3) Chloromethane	2.068	50	134	Below Cal	# 41
11) Tert butyl alcohol	4.860	59	71	Below Cal	# 73
16) Acetone	3.867	43	684	1.642	ug/l # 82
20) Methylene Chloride	4.623	84	2048	1.161	ug/l # 90
25) 2-Butanone	6.903	43	577	1.076	ug/l # 50
31) Cyclohexane	7.707	56	3795	1.172	ug/l # 1
36) 1,1-Dichloropropene	7.707	75	13219	4.560	ug/l # 52
38) Carbon Tetrachloride	7.707	117	17029	5.626	ug/l # 15
76) 1,2,3-Trichloropropane	12.402	75	70425	65.440	ug/l # 100
77) Bromobenzene	12.615	156	12221	6.031	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.402	75	70425	128.227	ug/l # 9

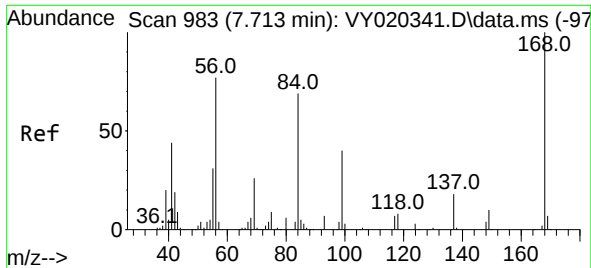
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
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Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

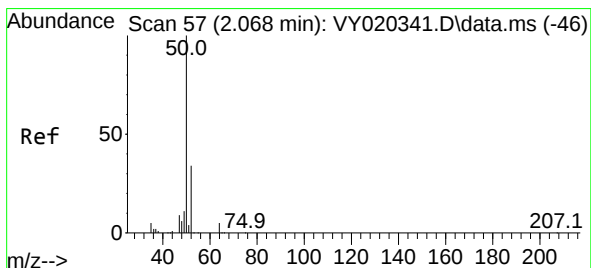
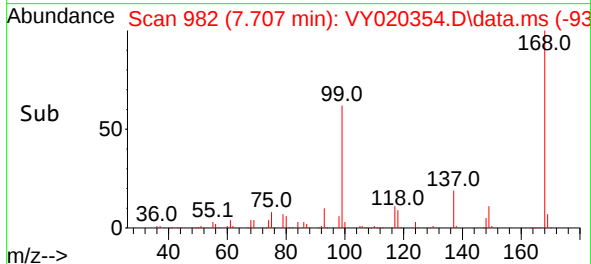
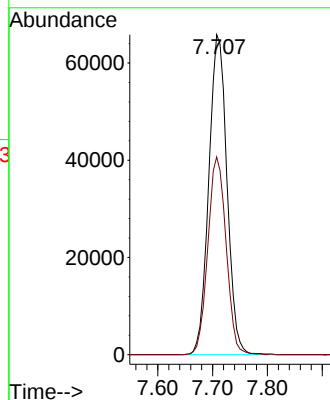
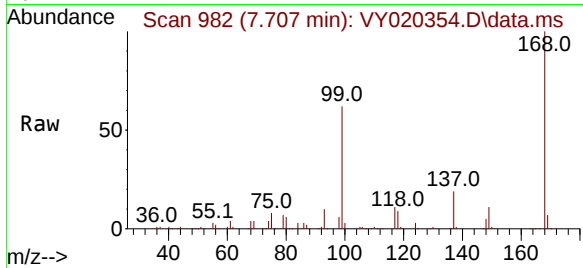




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

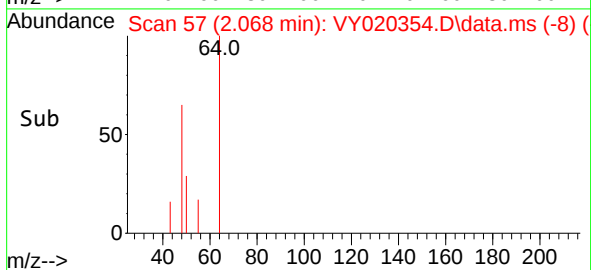
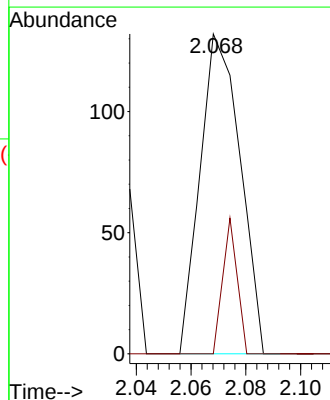
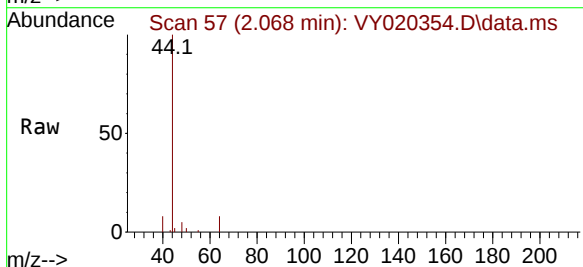
Instrument :
MSVOA_Y
ClientSampleId :

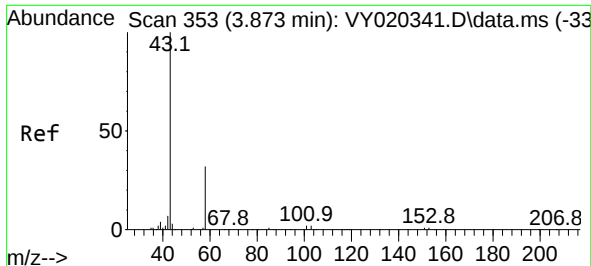
Tgt Ion:168 Resp: 151234
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 50 Resp: 134
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.642 ug/l

RT: 3.867 min Scan# 3

Delta R.T. -0.006 min

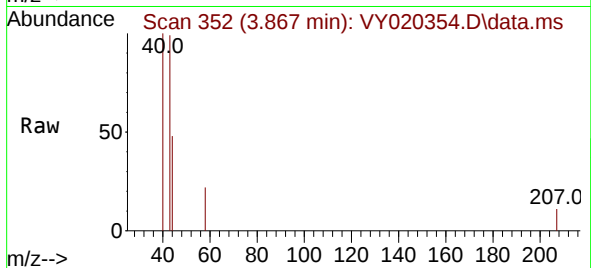
Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

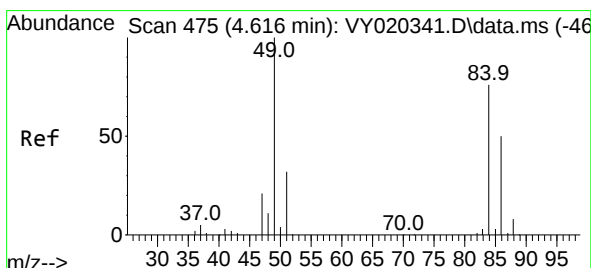
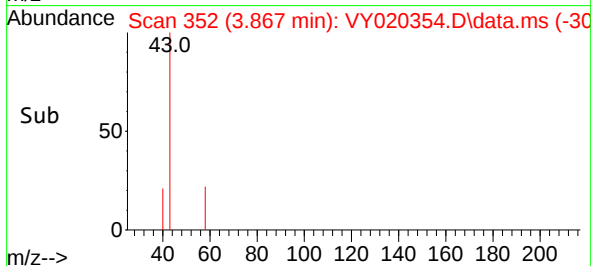
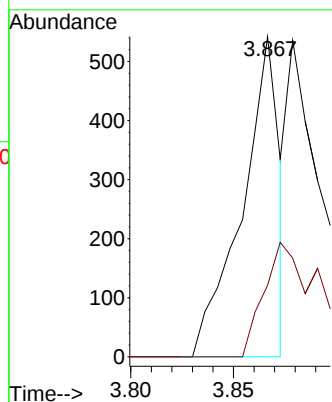


Tgt Ion: 43 Resp: 684

Ion Ratio Lower Upper

43 100

58 22.3 25.7 38.5#



#20

Methylene Chloride

Concen: 1.161 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Tgt Ion: 84 Resp: 2048

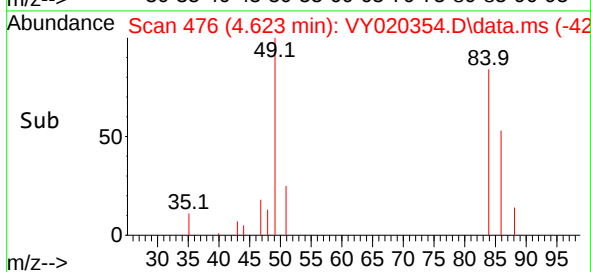
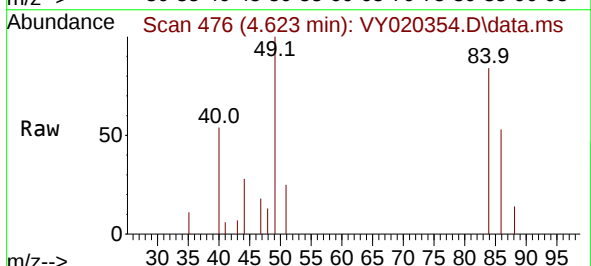
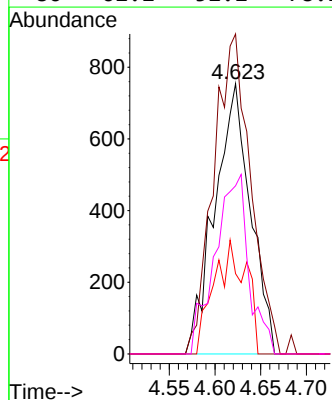
Ion Ratio Lower Upper

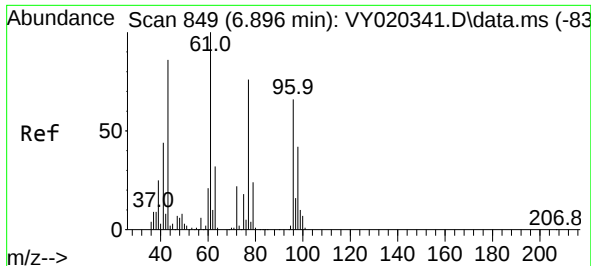
84 100

49 118.4 104.7 157.1

51 29.7 33.4 50.0#

86 62.2 52.2 78.2





#25

2-Butanone

Concen: 1.076 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.006 min

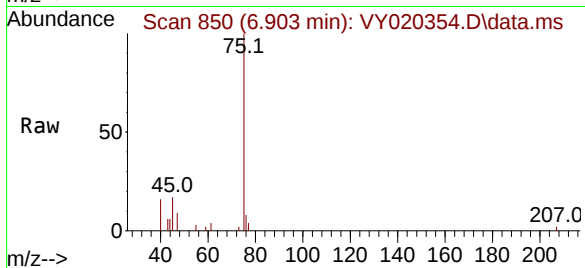
Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

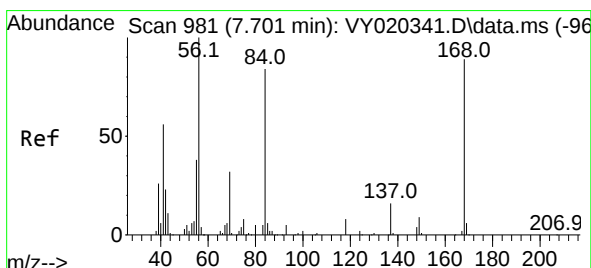
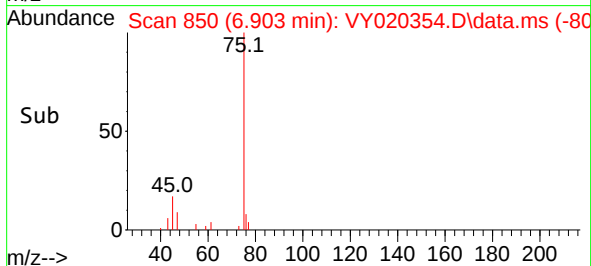
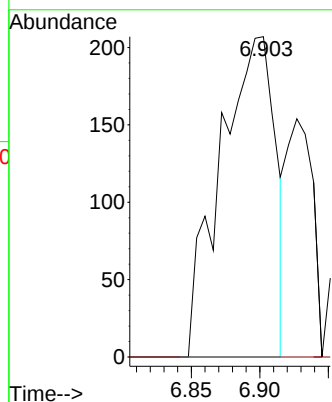


Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.172 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

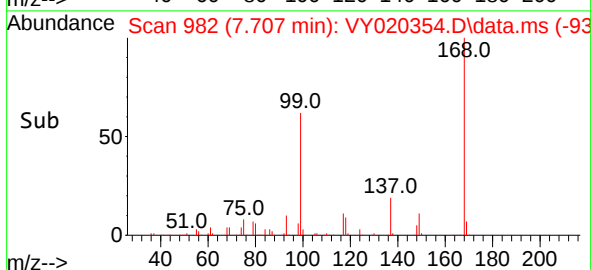
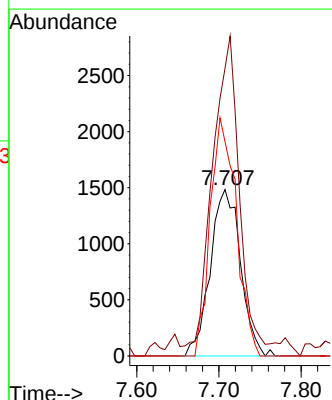
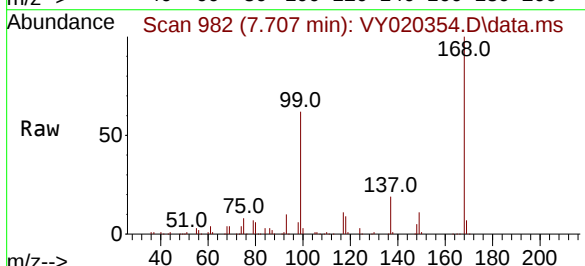
Tgt Ion: 56 Resp: 3795

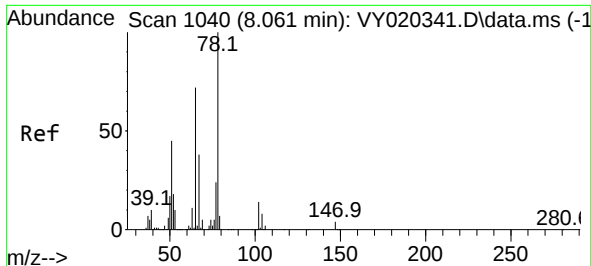
Ion Ratio Lower Upper

56 100

69 167.2 25.3 37.9#

84 128.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.070 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

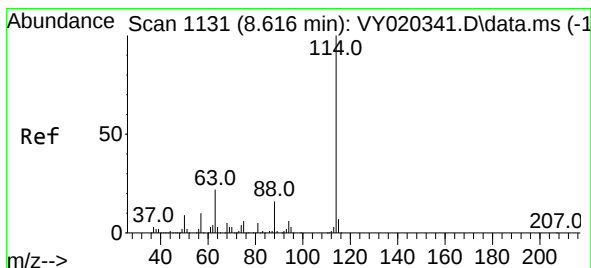
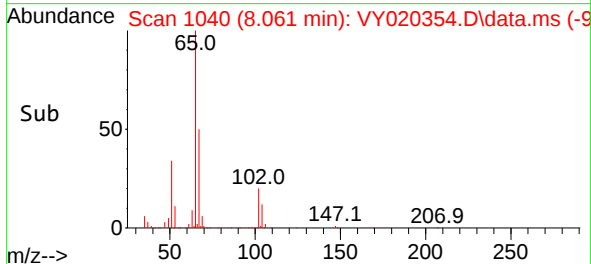
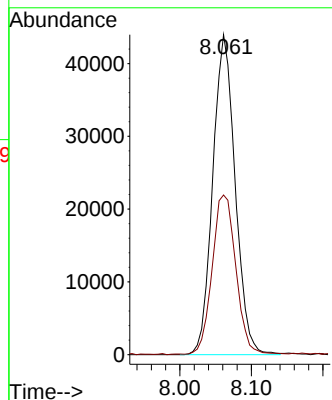
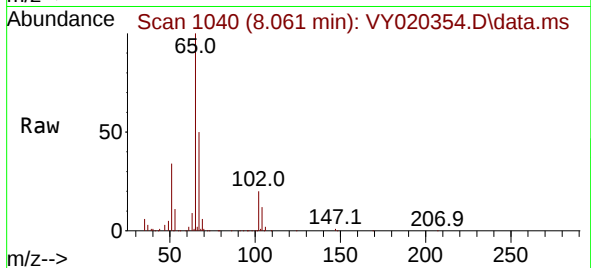
ClientSampleId :

Tgt Ion: 65 Resp: 95685

Ion Ratio Lower Upper

65 100

67 52.6 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: VY020354.D

Acq: 20 Nov 2024 13:07

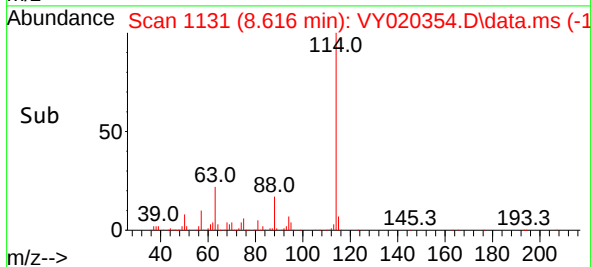
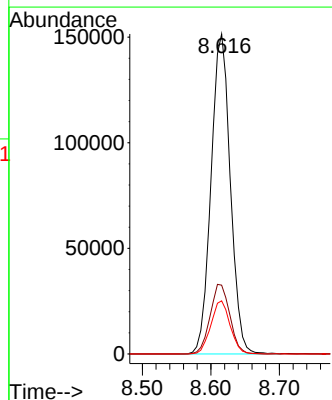
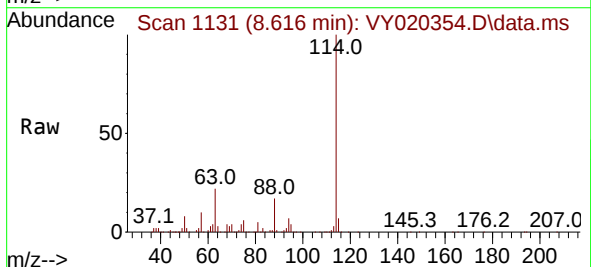
Tgt Ion: 114 Resp: 296010

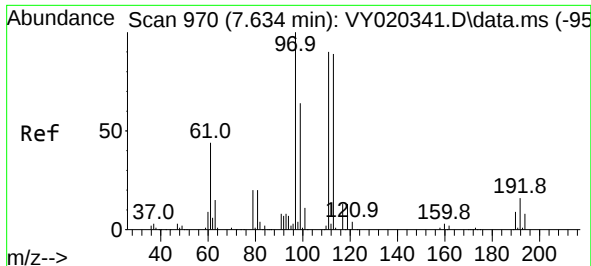
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 16.6 0.0 32.0

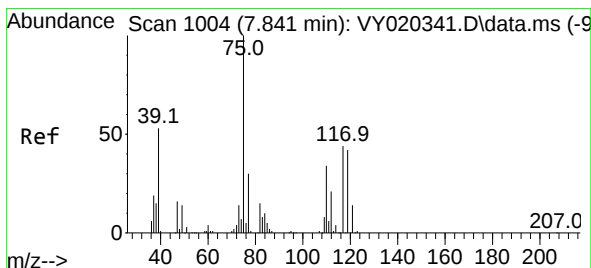
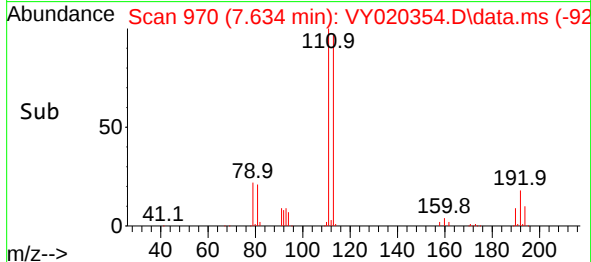
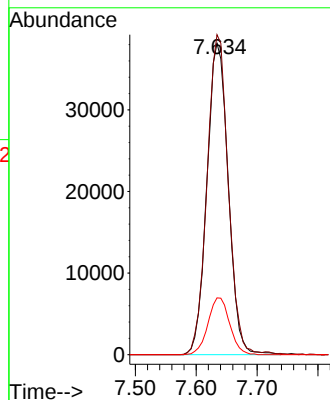
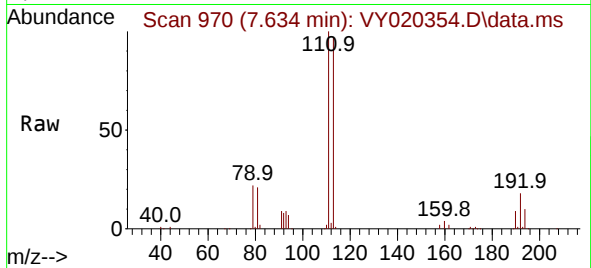




#35
Dibromofluoromethane
Concen: 48.981 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

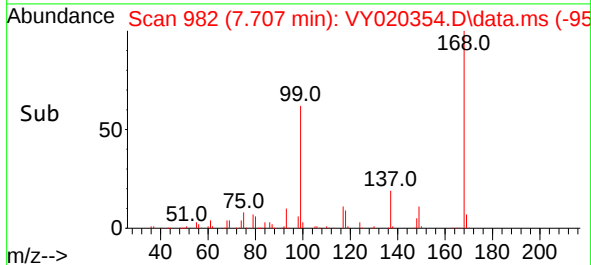
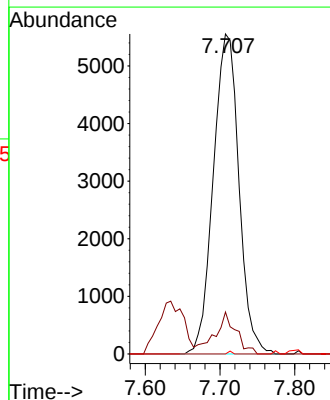
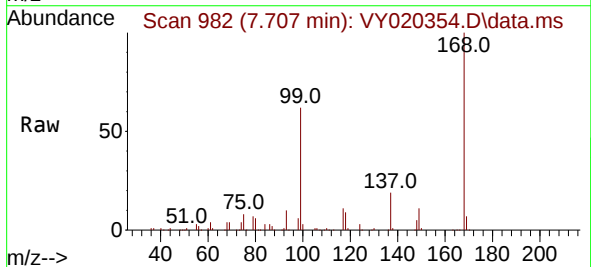
Instrument :
MSVOA_Y
ClientSampleId :

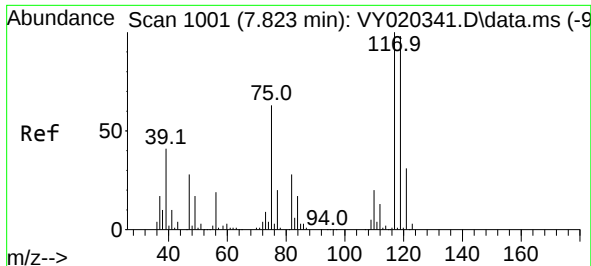
Tgt Ion:113 Resp: 92970
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.6 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

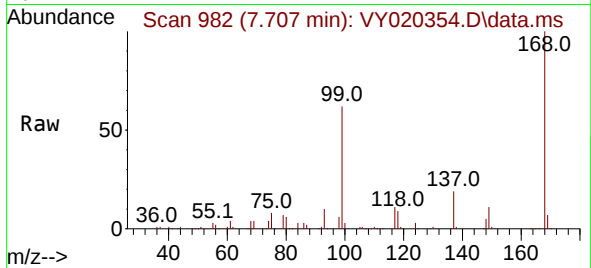
Tgt Ion: 75 Resp: 13219
Ion Ratio Lower Upper
75 100
110 10.5 16.7 50.0#
77 0.1 24.6 36.8#



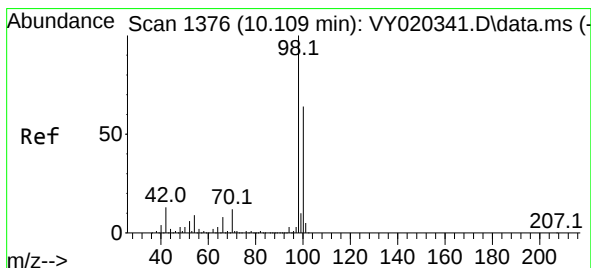
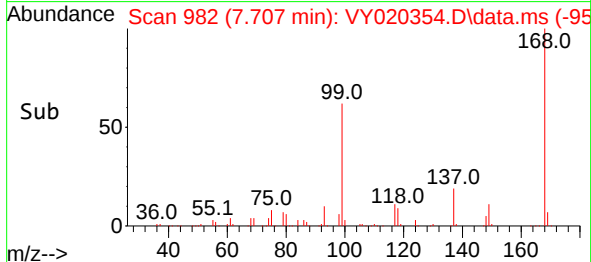
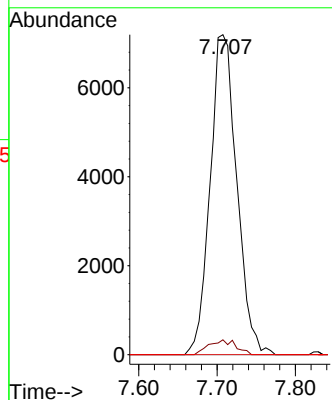


#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Instrument :
MSVOA_Y
ClientSampleId :

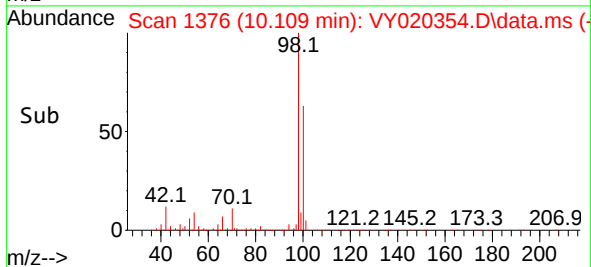
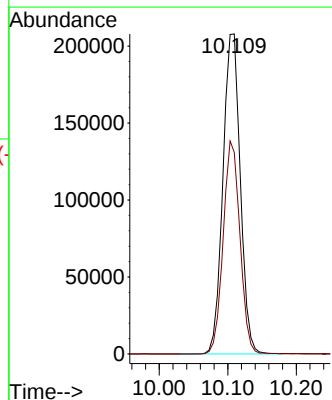
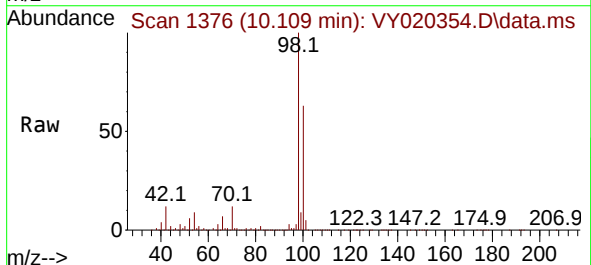


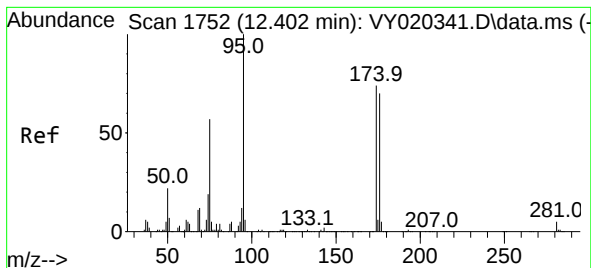
Tgt Ion:117 Resp: 17029
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.828 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 98 Resp: 365092
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9

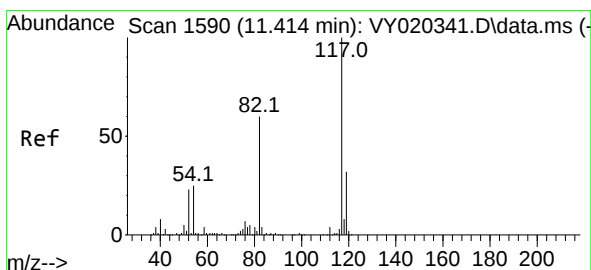
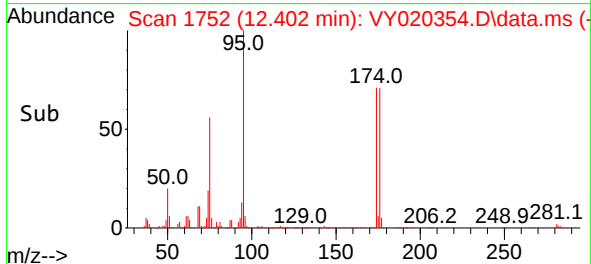
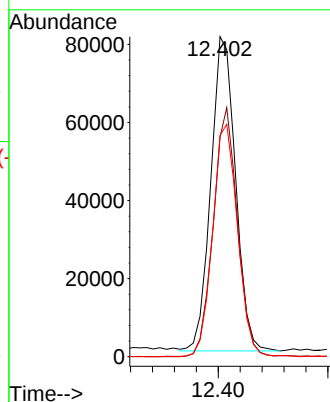
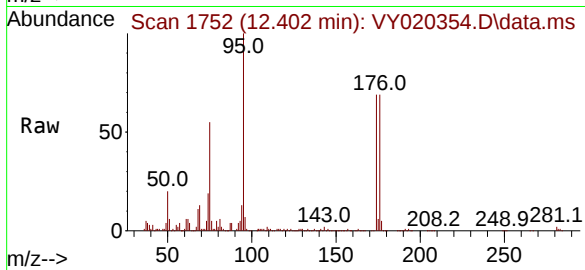




#62
4-Bromofluorobenzene
Concen: 52.412 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

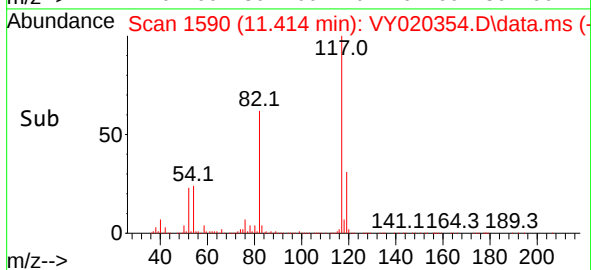
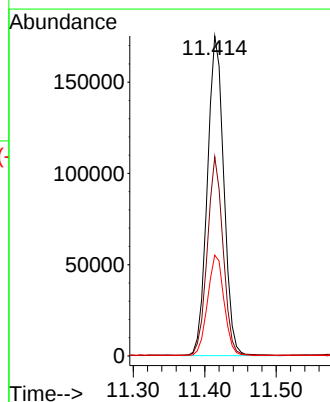
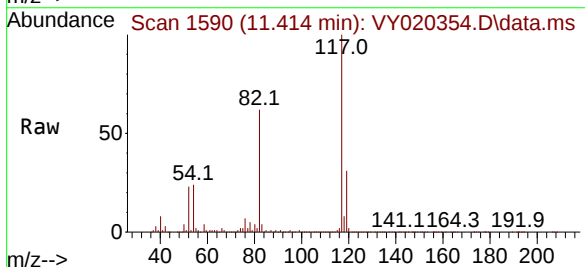
Instrument :
MSVOA_Y
ClientSampleId :

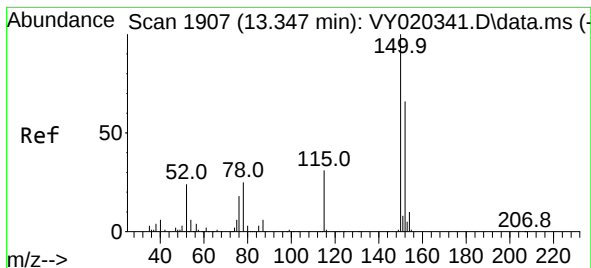
Tgt Ion: 95 Resp: 125979
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.8
176 74.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Tgt Ion:117 Resp: 279418
Ion Ratio Lower Upper
117 100
82 62.1 48.2 72.4
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

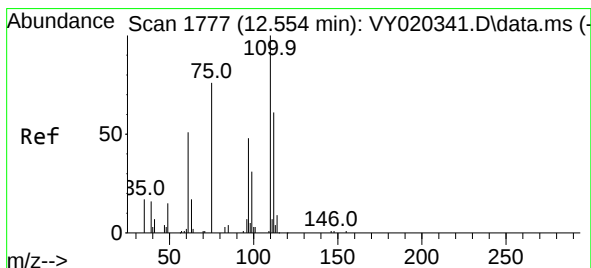
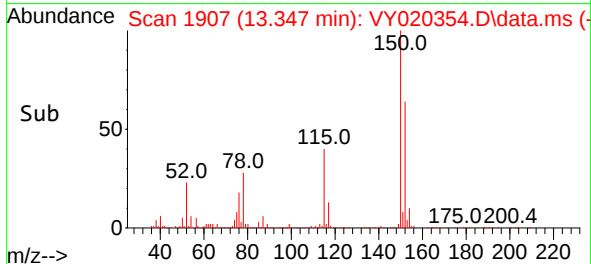
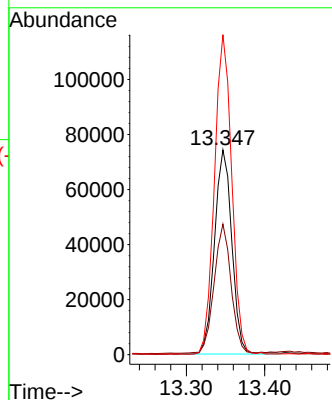
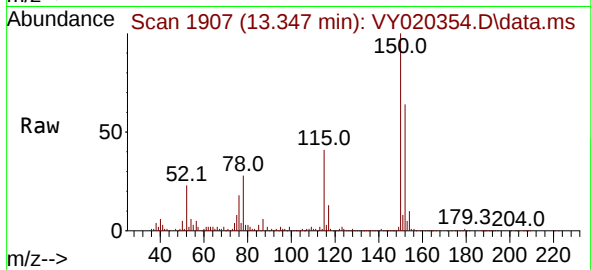
Tgt Ion:152 Resp: 114179

Ion Ratio Lower Upper

152 100

115 61.5 30.0 90.0

150 155.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 65.440 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY020354.D

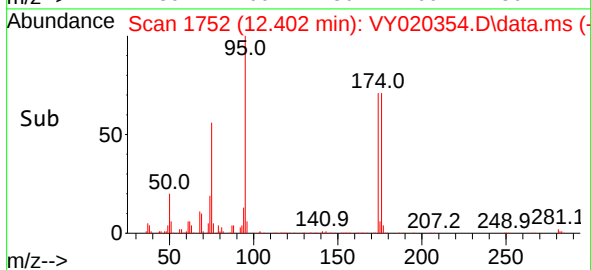
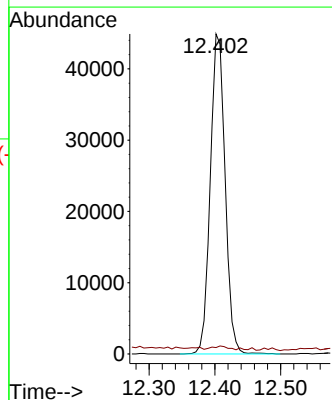
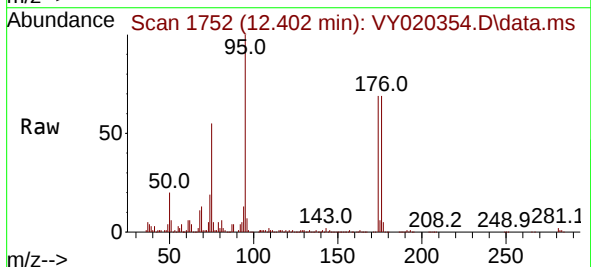
Acq: 20 Nov 2024 13:07

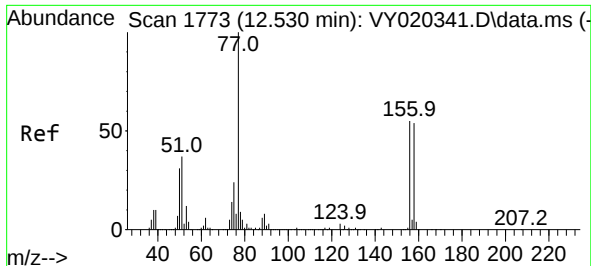
Tgt Ion: 75 Resp: 70425

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

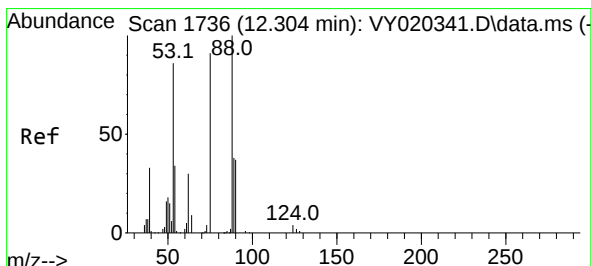
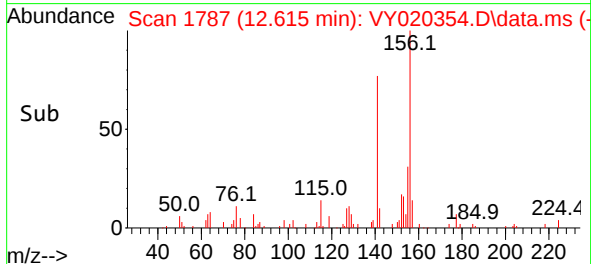
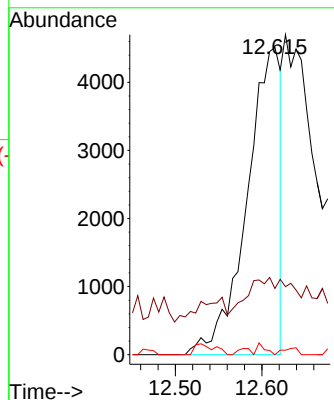
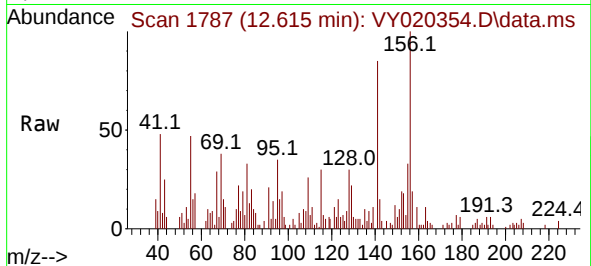




#77
Bromobenzene
Concen: 6.031 ug/l
RT: 12.615 min Scan# 1752
Delta R.T. 0.085 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 12221
Ion Ratio Lower Upper
156 100
77 6.7 97.2 291.6#
158 0.9 47.8 143.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.227 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 75 Resp: 70425
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

