

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020641.D
 Acq On : 18 Dec 2024 17:14
 Operator : SY/MD
 Sample : P5279-03
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:51:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

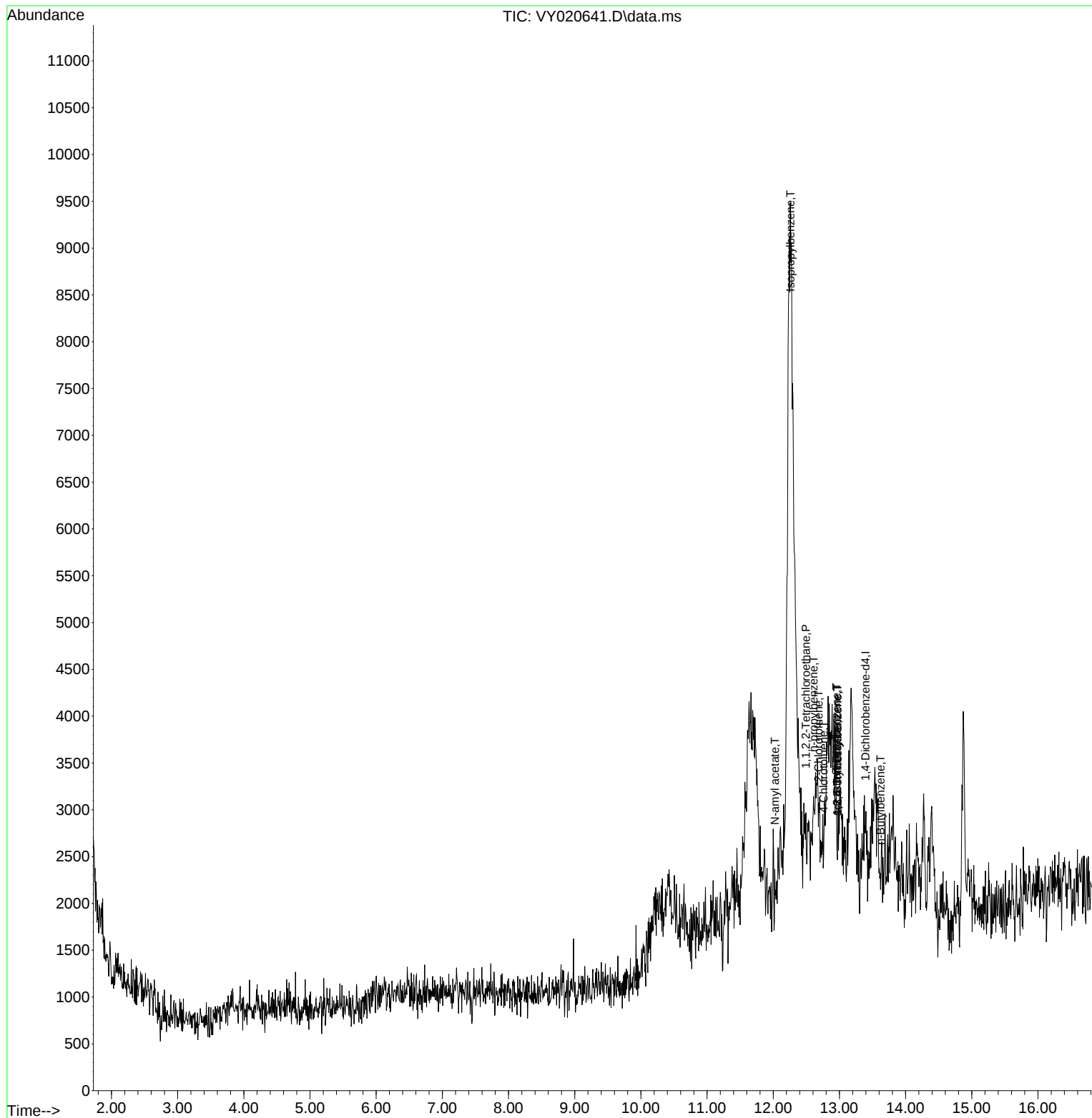
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.71
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.62
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.41
72) 1,4-Dichlorobenzene-d4	13.395	152	19	50.000	ug/l	# 0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.402	95	87	0.000	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
73) Isopropylbenzene	12.261	105	20	12.062	ug/l #	49
74) N-amyl acetate	12.024	43	186	479.340	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.493	83	236	876.880	ug/l #	25
78) n-propylbenzene	12.609	91	104	52.062	ug/l #	54
79) 2-Chlorotoluene	12.682	91	99	88.086	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.969	105	24	17.839	ug/l #	29
82) 4-Chlorotoluene	12.761	91	82	70.326	ug/l #	42
83) tert-Butylbenzene	12.956	119	19	15.594	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.969	105	24	18.187	ug/l #	32
85) sec-Butylbenzene	12.969	105	24	13.547	ug/l #	56
89) n-Butylbenzene	13.621	91	85	61.405	ug/l #	33

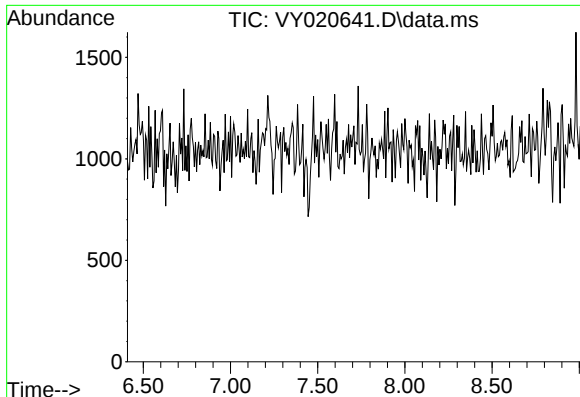
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

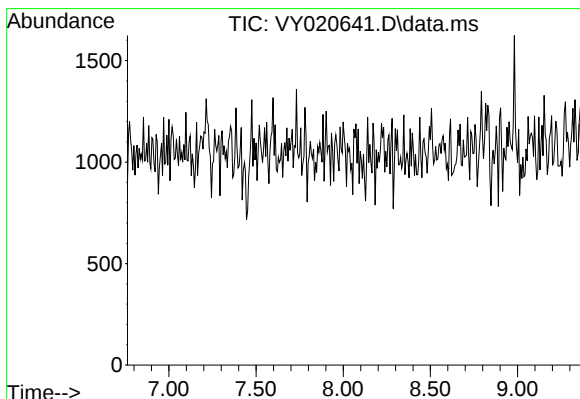
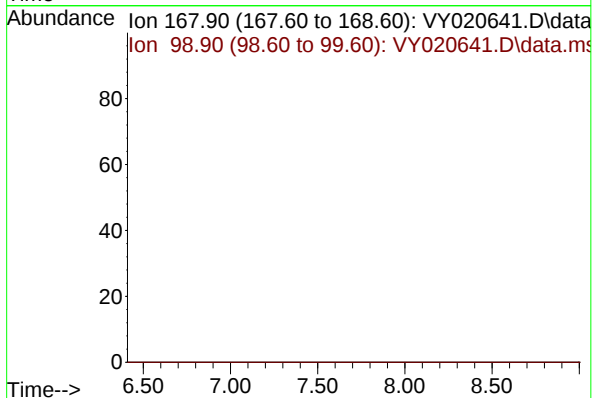




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 7.71 min
 Lab File: VY020641.D
 Acq: 18 Dec 2024 17:14

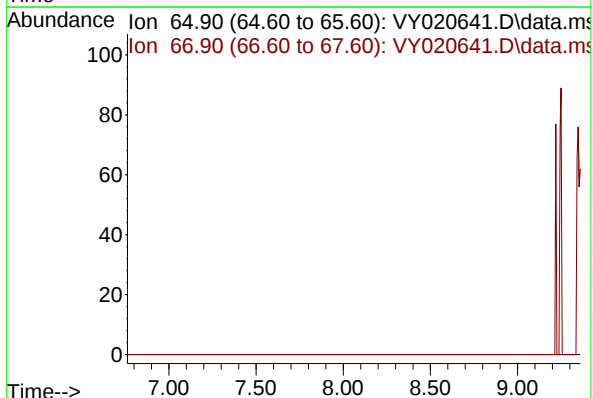
Instrument :
 MSVOA_Y
 ClientSampleId :

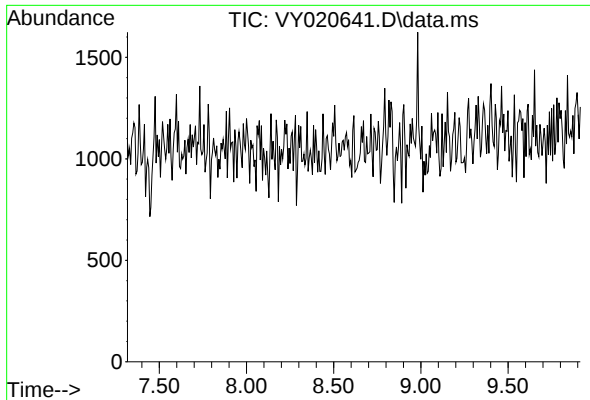
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 58.8



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.06 min
 Lab File: VY020641.D
 Acq: 18 Dec 2024 17:14

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 54.0



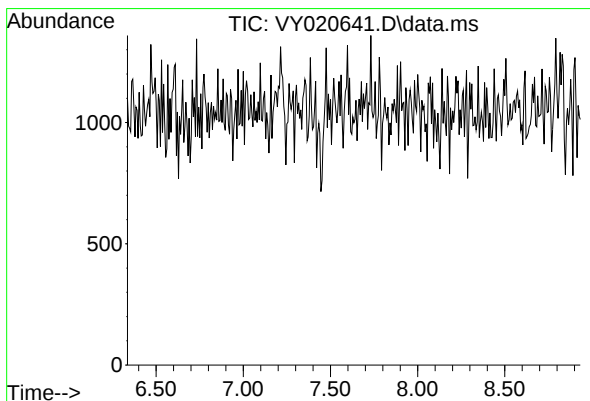
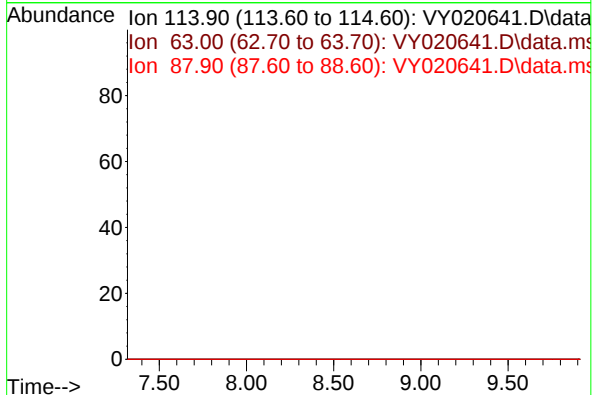


#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 8.62 min

Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Instrument :
MSVOA_Y
ClientSampleId :

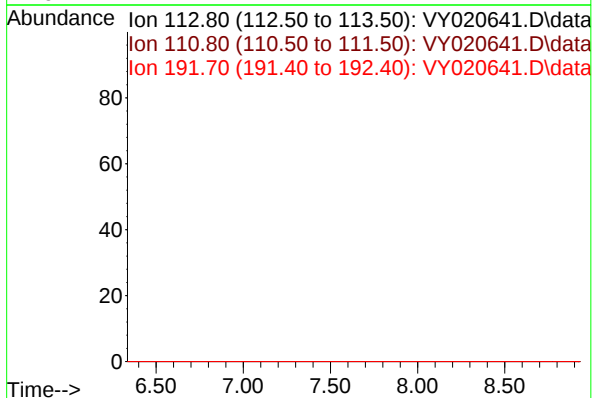
Tgt Ion: 114
Sig Exp Ratio
114 100
63 22.0
88 16.4

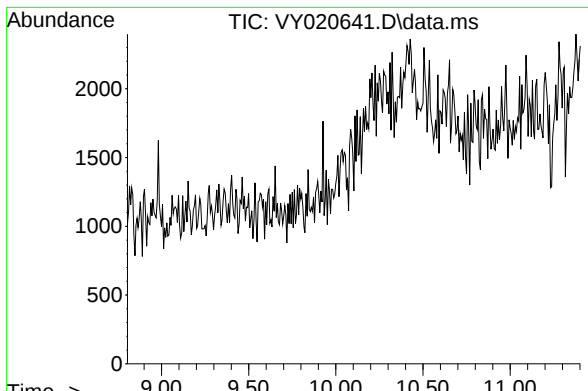


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.63 min

Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.6
192 19.6

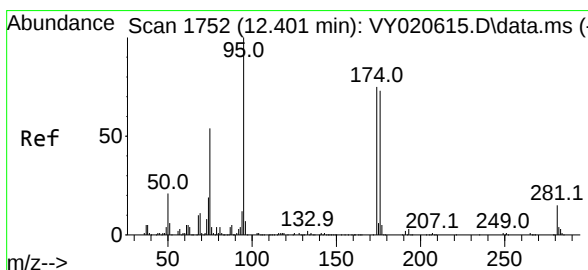
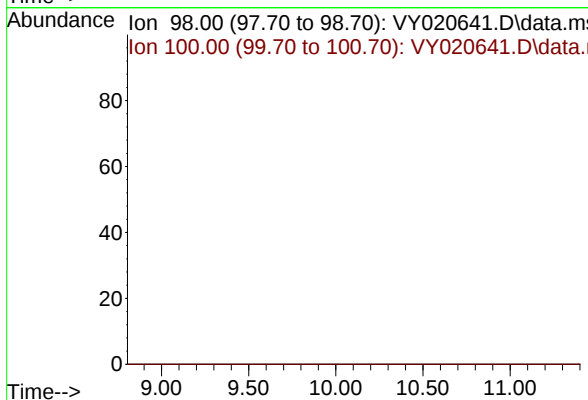




#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.10 min
 Lab File: VY020641.D
 Acq: 18 Dec 2024 17:14

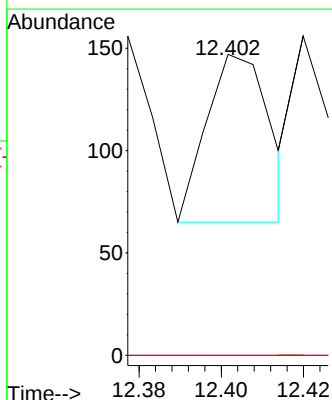
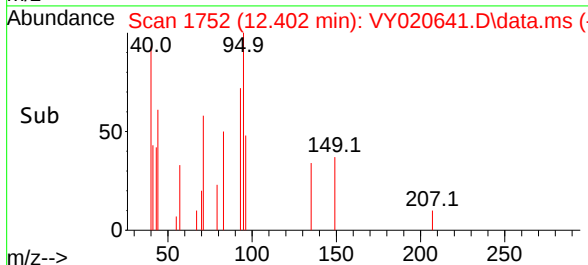
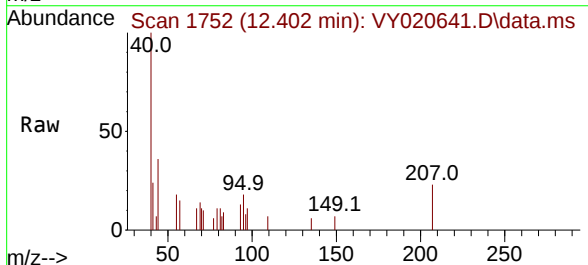
Instrument :
 MSVOA_Y
 ClientSampleId :

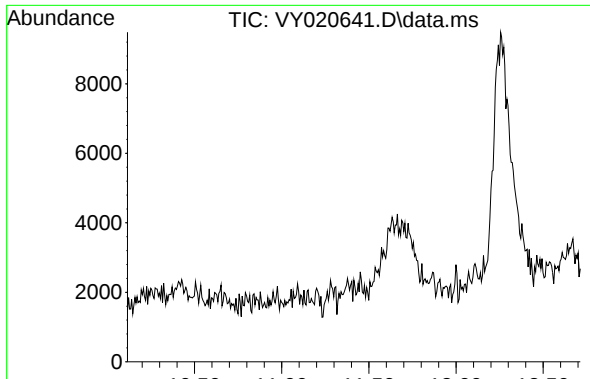
Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.1



#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: VY020641.D
 Acq: 18 Dec 2024 17:14

Tgt Ion: 95 Resp: 87
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 161.8
 176 0.0 0.0 156.6



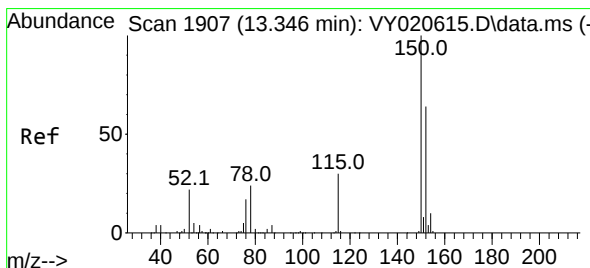
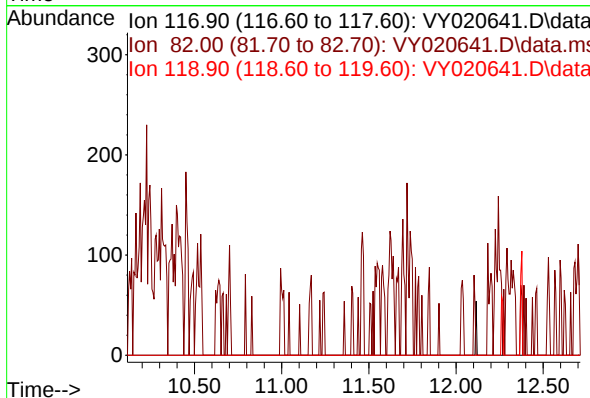


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.41 min

Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

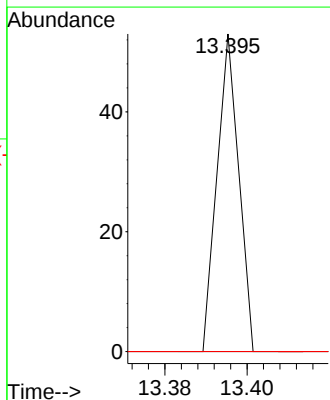
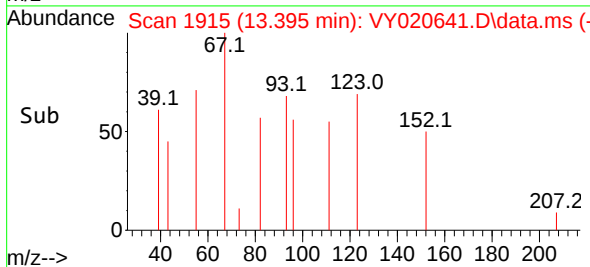
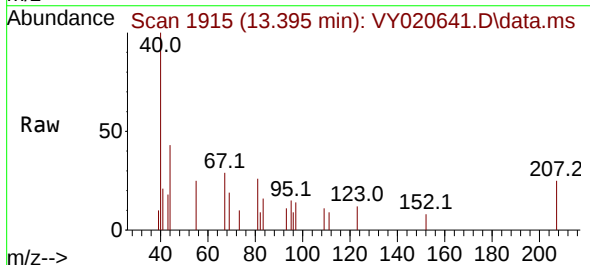
Instrument :
MSVOA_Y
ClientSampleId :

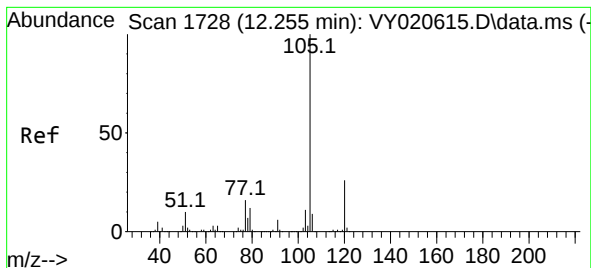
Tgt Ion: 117
Sig Exp Ratio
117 100
82 57.2
119 31.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.395 min Scan# 1915
Delta R.T. 0.049 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Tgt Ion: 152 Resp: 19
Ion Ratio Lower Upper
152 100
115 0.0 30.2 90.6#
150 0.0 0.0 355.4





#73

Isopropylbenzene

Concen: 12.062 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020641.D

Acq: 18 Dec 2024 17:14

Instrument :

MSVOA_Y

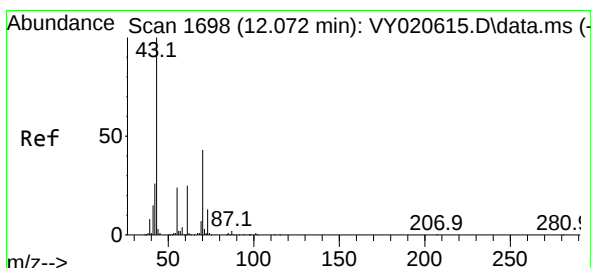
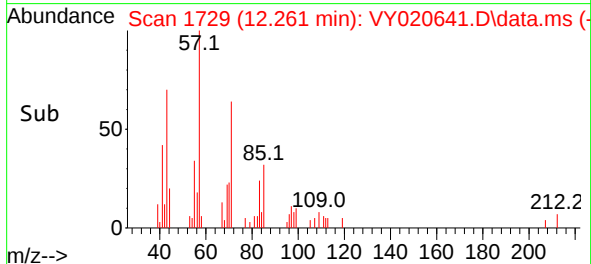
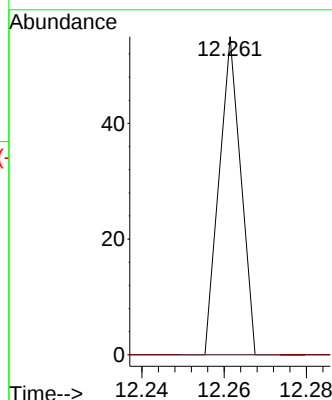
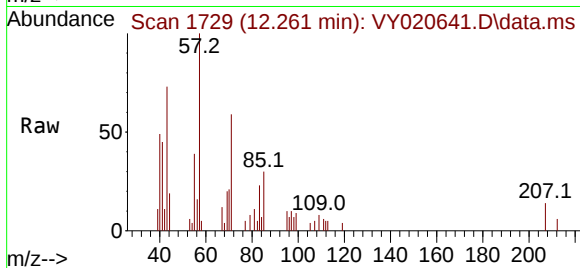
ClientSampleId :

Tgt Ion:105 Resp: 20

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.1#



#74

N-ethyl acetate

Concen: 479.340 ug/l

RT: 12.024 min Scan# 1690

Delta R.T. -0.048 min

Lab File: VY020641.D

Acq: 18 Dec 2024 17:14

Tgt Ion: 43 Resp: 186

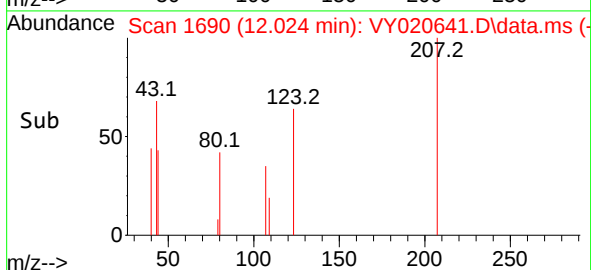
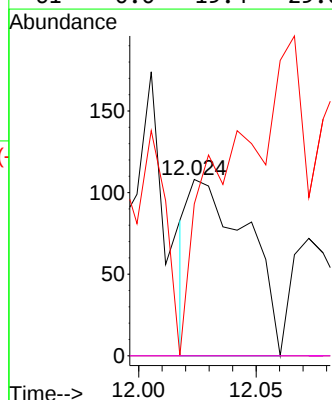
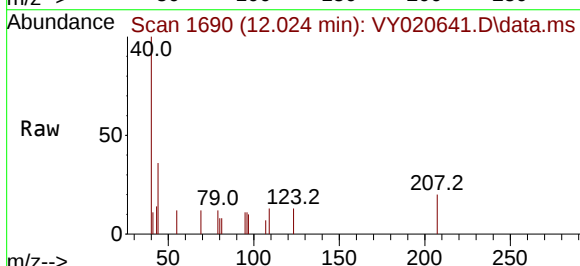
Ion Ratio Lower Upper

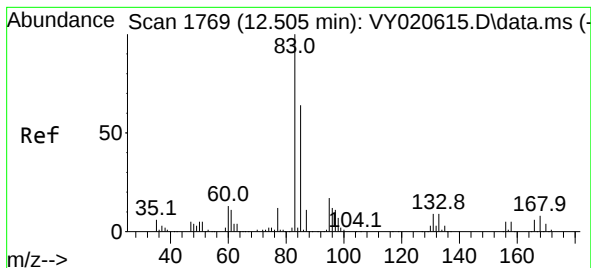
43 100

70 0.0 34.2 51.2#

55 0.0 19.6 29.4#

61 0.0 19.4 29.0#

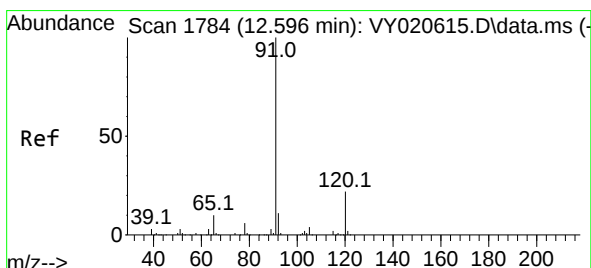
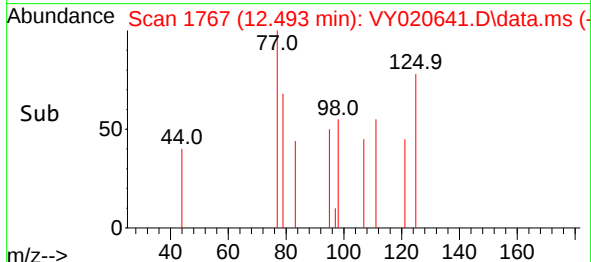
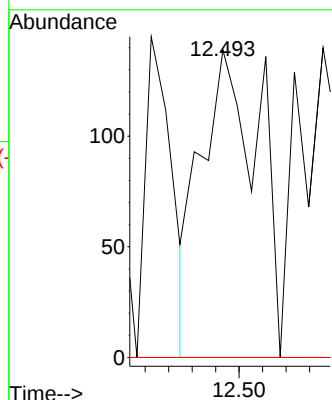
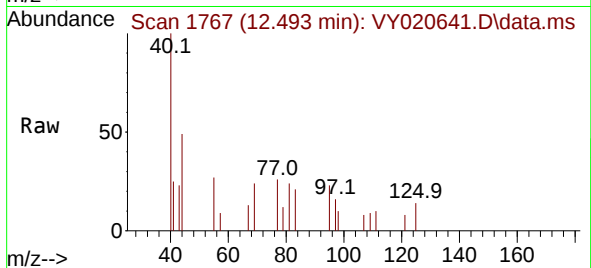




#75
1,1,2,2-Tetrachloroethane
Concen: 876.880 ug/l
RT: 12.493 min Scan# 1767
Delta R.T. -0.012 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

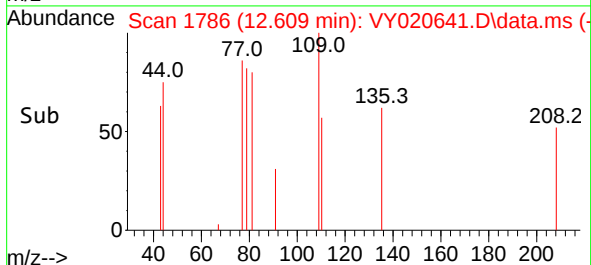
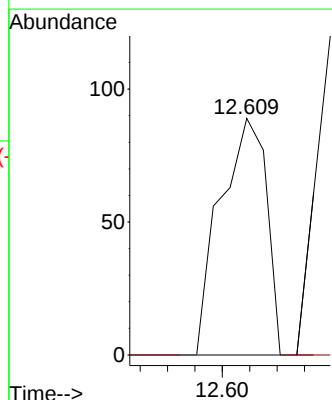
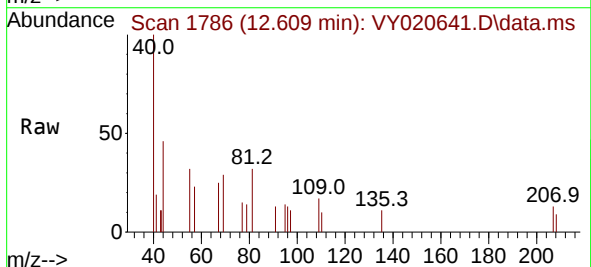
Instrument :
MSVOA_Y
ClientSampleId :

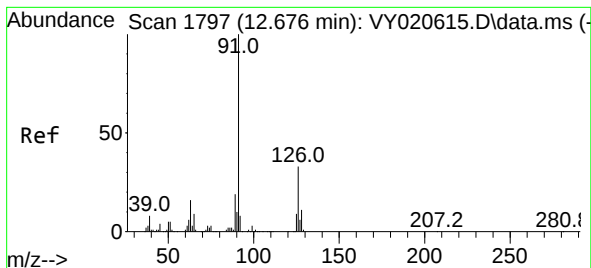
Tgt Ion: 83 Resp: 236
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 0.0 32.5 97.4#



#78
n-propylbenzene
Concen: 52.062 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.013 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Tgt Ion: 91 Resp: 104
Ion Ratio Lower Upper
91 100
120 0.0 11.1 33.1#

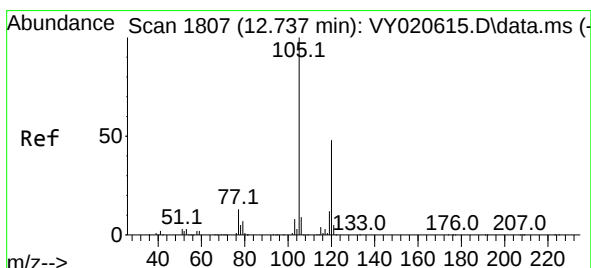
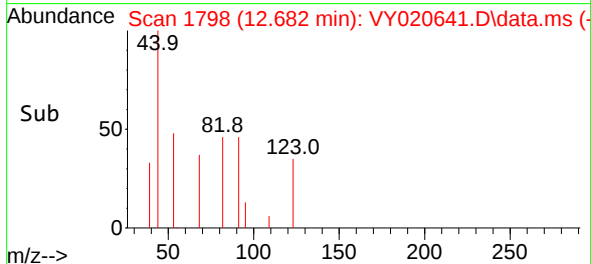
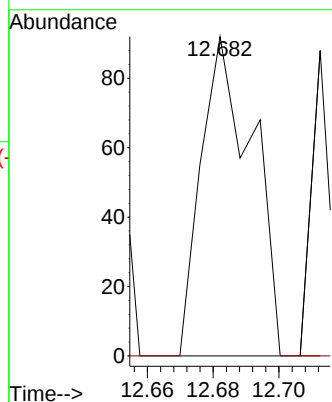
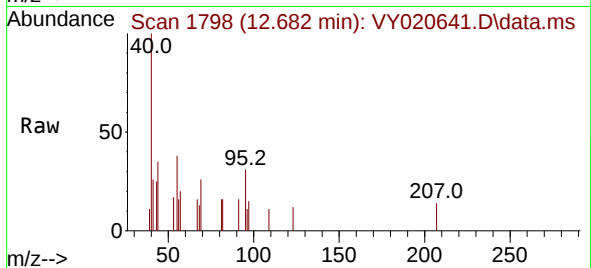




#79
2-Chlorotoluene
Concen: 88.086 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

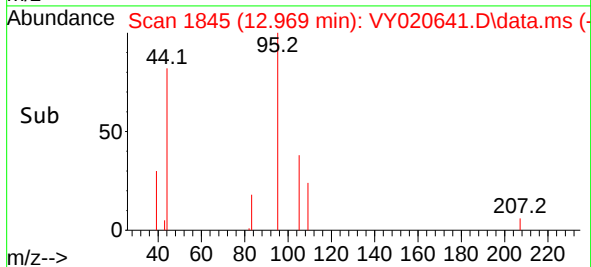
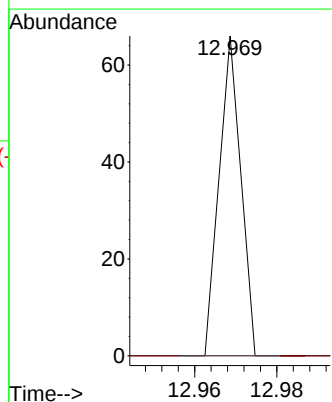
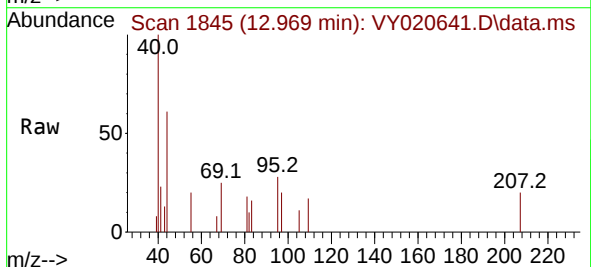
Instrument :
MSVOA_Y
ClientSampleId :

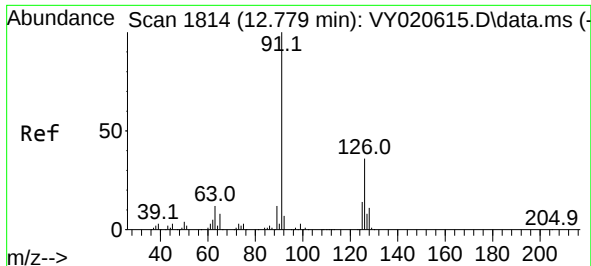
Tgt Ion: 91 Resp: 99
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 17.839 ug/l
RT: 12.969 min Scan# 1845
Delta R.T. 0.232 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Tgt Ion: 105 Resp: 24
Ion Ratio Lower Upper
105 100
120 0.0 23.9 71.7#

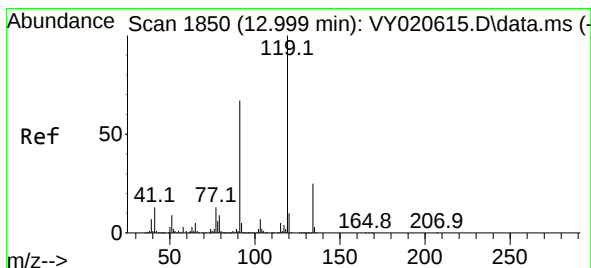
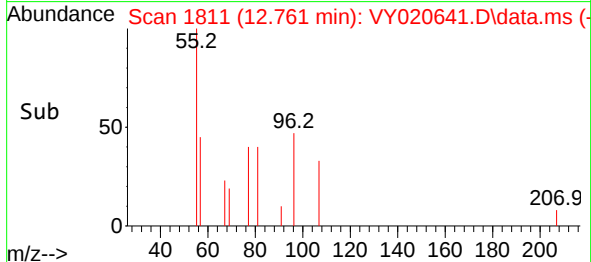
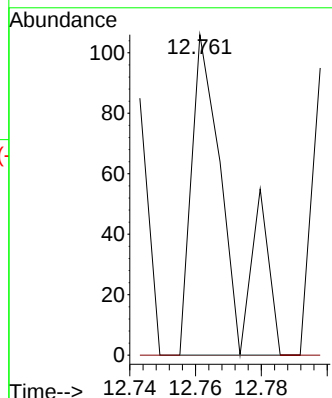
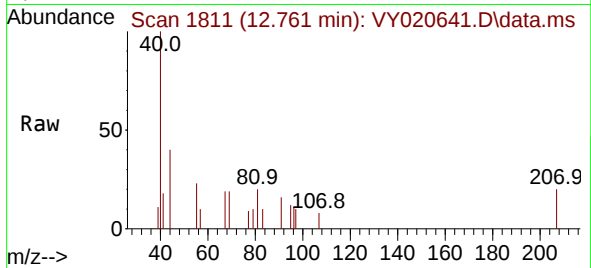




#82
4-Chlorotoluene
Concen: 70.326 ug/l
RT: 12.761 min Scan# 1811
Delta R.T. -0.018 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

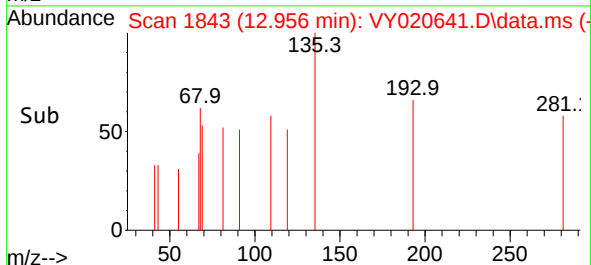
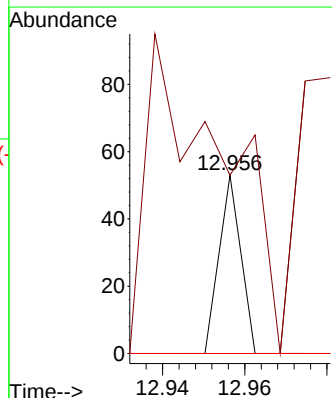
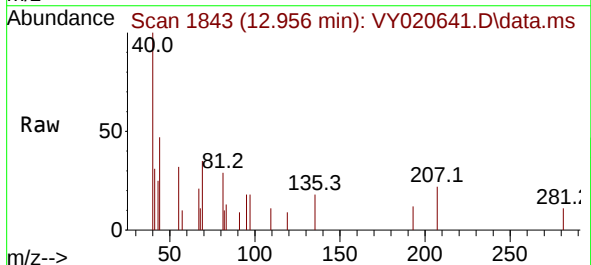
Instrument :
MSVOA_Y
ClientSampleId :

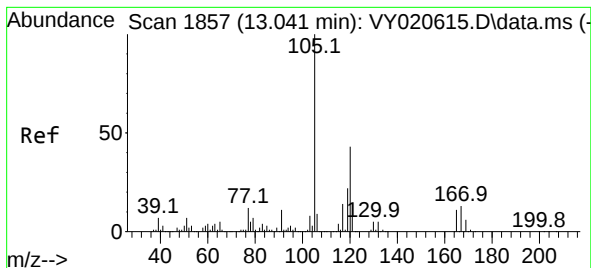
Tgt Ion: 91 Resp: 82
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#83
tert-Butylbenzene
Concen: 15.594 ug/l
RT: 12.956 min Scan# 1843
Delta R.T. -0.042 min
Lab File: VY020641.D
Acq: 18 Dec 2024 17:14

Tgt Ion: 119 Resp: 19
Ion Ratio Lower Upper
119 100
91 652.6 32.9 98.6#
134 0.0 13.1 39.1#





#84

1,2,4-Trimethylbenzene

Concen: 18.187 ug/l

RT: 12.969 min Scan# 1845

Delta R.T. -0.073 min

Lab File: VY020641.D

Acq: 18 Dec 2024 17:14

Instrument :

MSVOA_Y

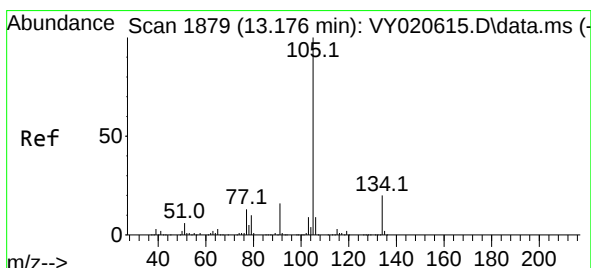
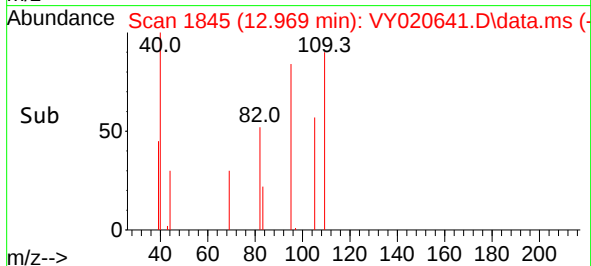
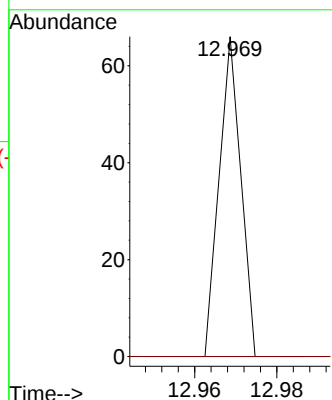
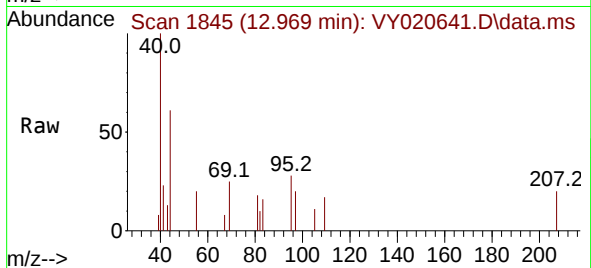
ClientSampleId :

Tgt Ion:105 Resp: 24

Ion Ratio Lower Upper

105 100

120 0.0 21.8 65.4#



#85

sec-Butylbenzene

Concen: 13.547 ug/l

RT: 12.969 min Scan# 1845

Delta R.T. -0.207 min

Lab File: VY020641.D

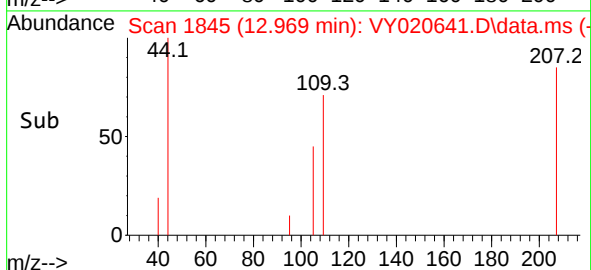
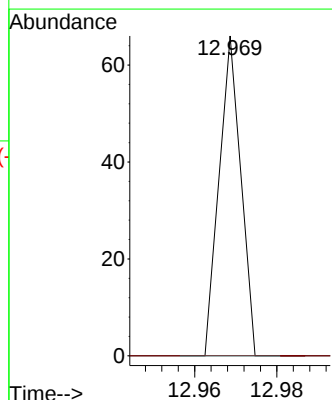
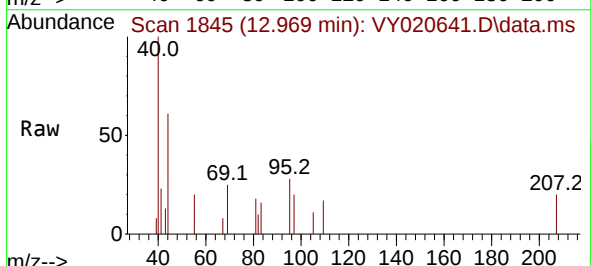
Acq: 18 Dec 2024 17:14

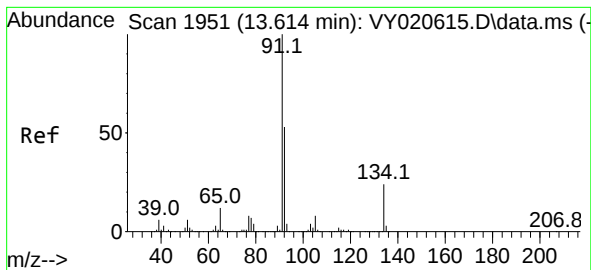
Tgt Ion:105 Resp: 24

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#





#89

n-Butylbenzene

Concen: 61.405 ug/l

RT: 13.621 min Scan# 19

Delta R.T. 0.006 min

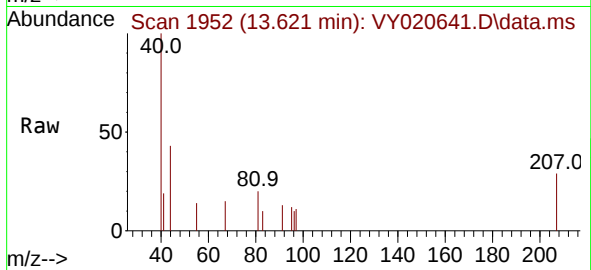
Lab File: VY020641.D

Acq: 18 Dec 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 91 Resp: 85

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.4#

134 0.0 12.5 37.5#

