

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020382.D
 Acq On : 21 Nov 2024 13:23
 Operator : SY/MD
 Sample : P4929-01RE
 Misc : 2.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS520RE

Quant Time: Nov 22 03:18:57 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)

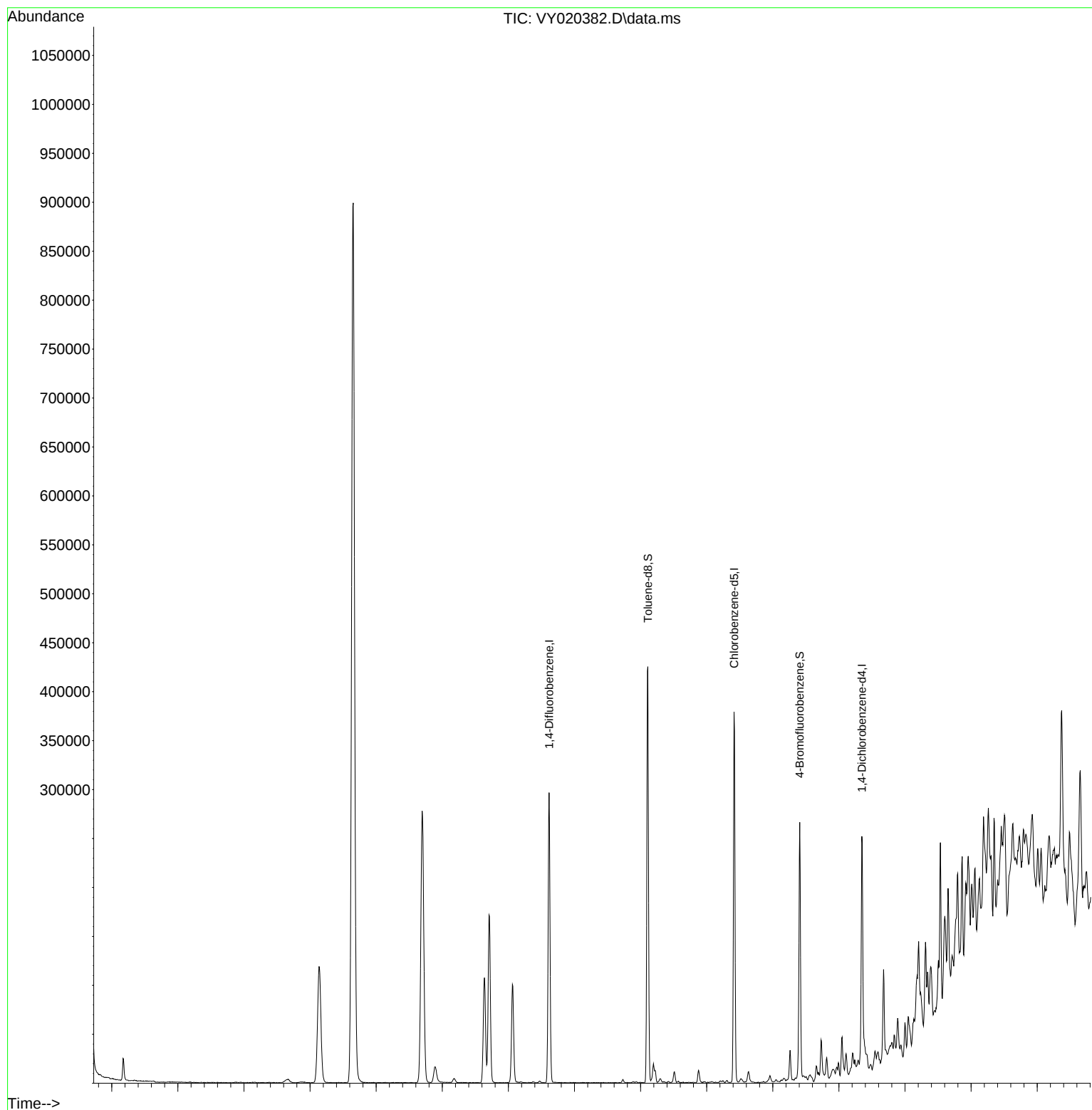
Internal Standards						
1) Pentafluorobenzene	7.713	168	125145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	56108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81339	56.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.634	113	76576	50.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.109	98	274732	45.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.980%
62) 4-Bromofluorobenzene	12.408	95	75717	39.430	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.860%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.737	105	5513	1.435	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	19919	5.230	ug/l	100

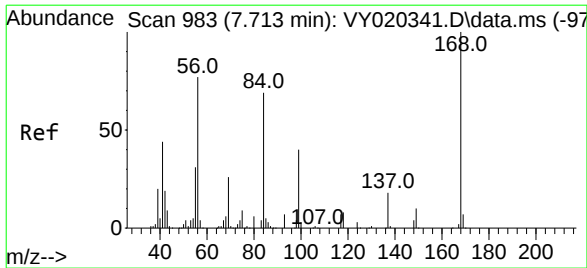
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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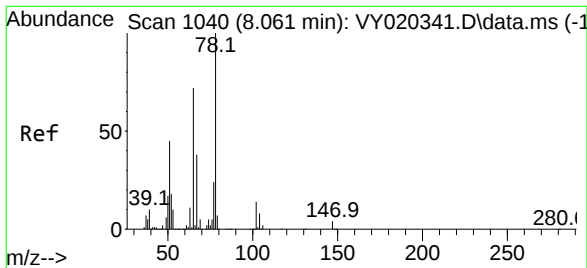
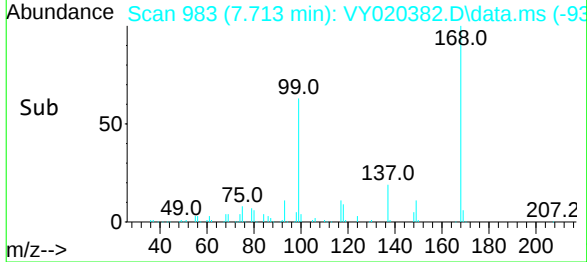
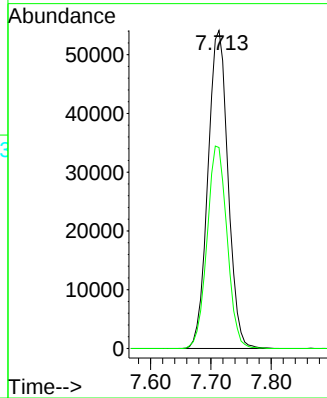
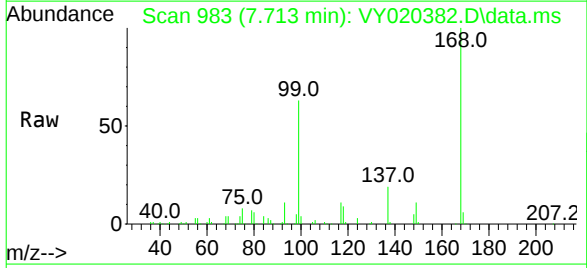




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

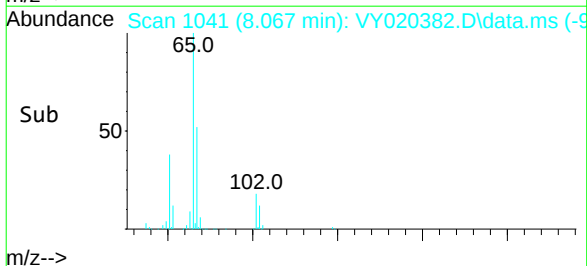
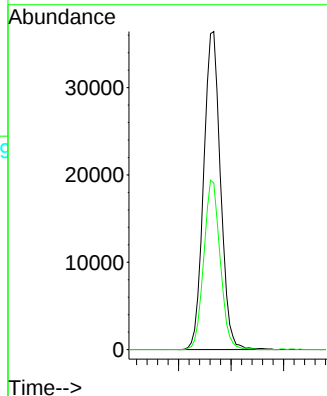
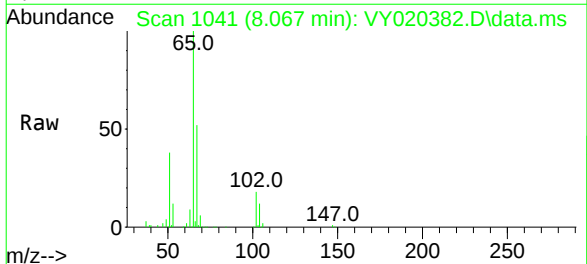
Instrument :
MSVOA_Y
ClientSampleId :
ARS520RE

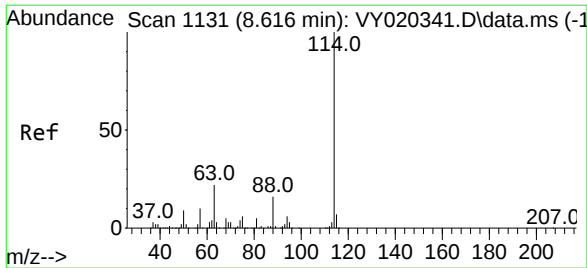
Tgt Ion:168 Resp: 125145
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.573 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Tgt Ion: 65 Resp: 81339
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ARS520RE

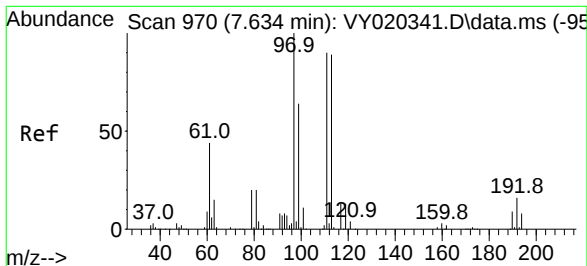
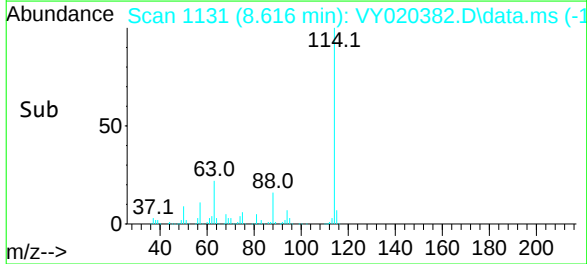
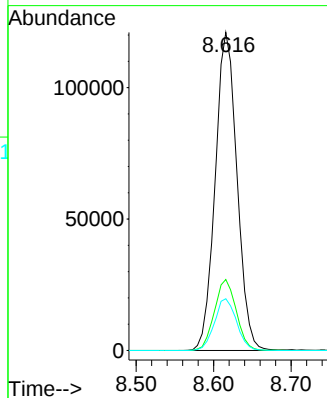
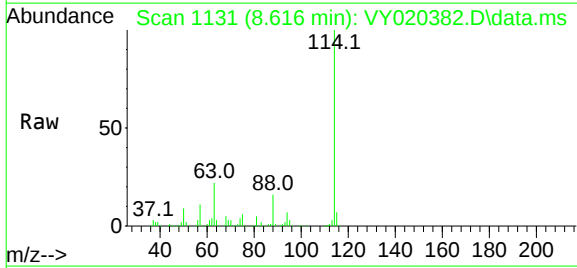
Tgt Ion:114 Resp: 236487

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

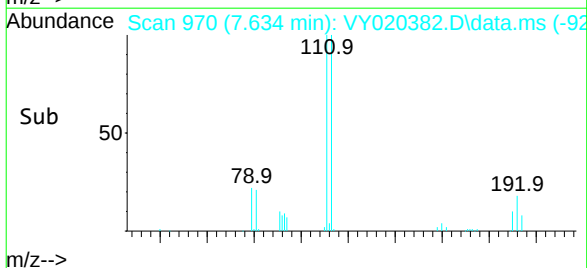
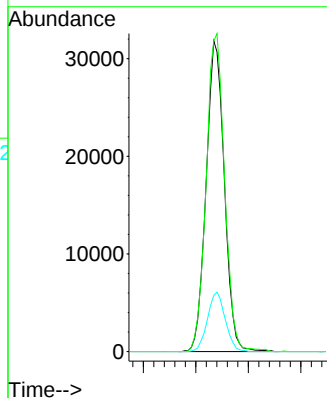
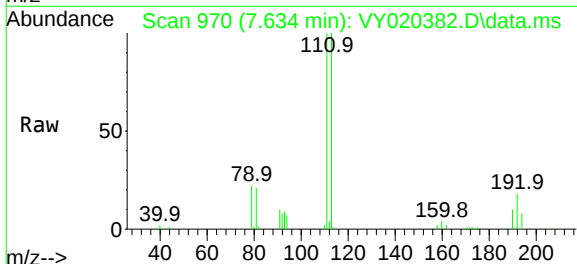
Tgt Ion:113 Resp: 76576

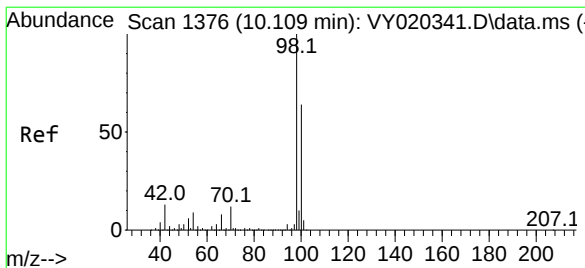
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.7 15.1 22.7





#50

Toluene-d8

Concen: 45.992 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

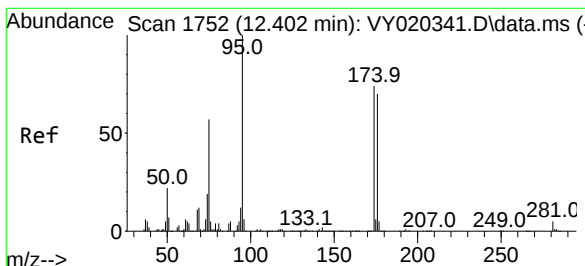
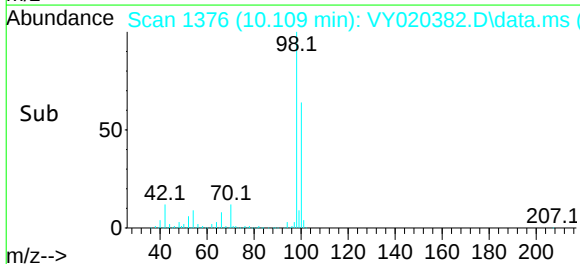
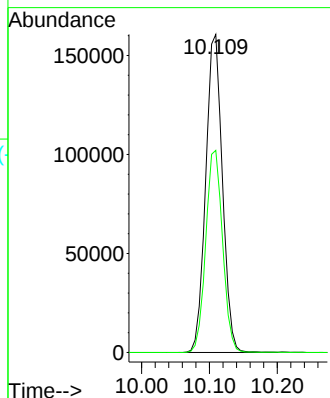
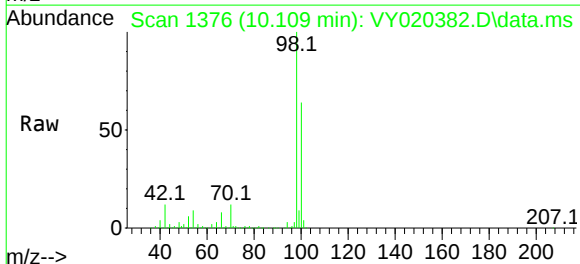
ARS520RE

Tgt Ion: 98 Resp: 274732

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 39.430 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

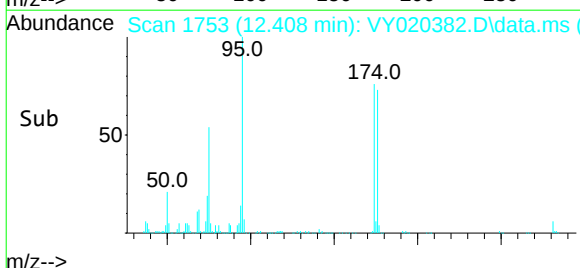
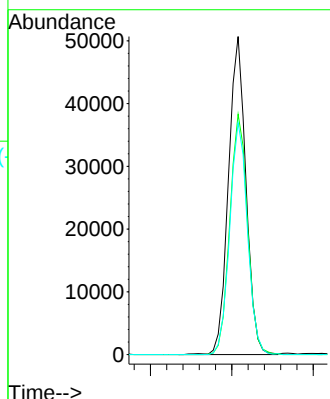
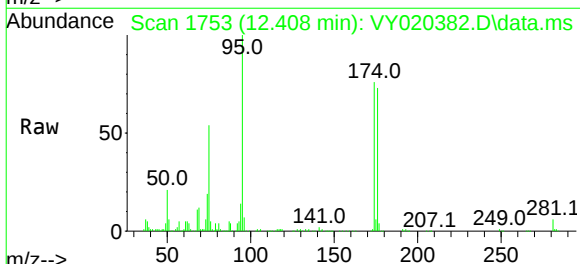
Tgt Ion: 95 Resp: 75717

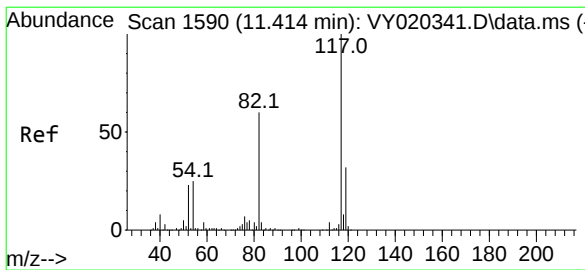
Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.8

176 73.5 0.0 152.0

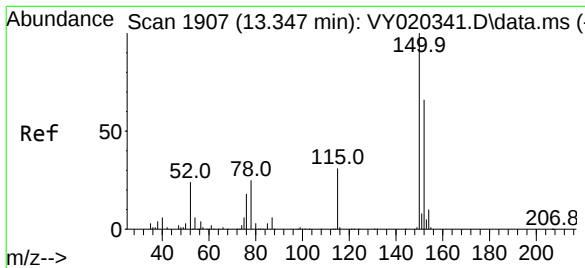
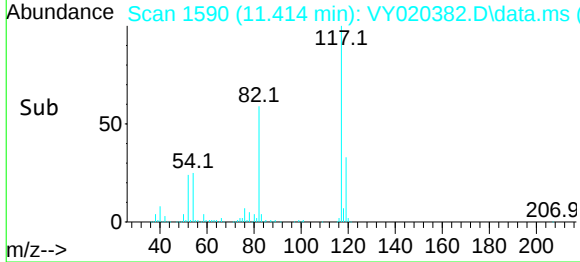
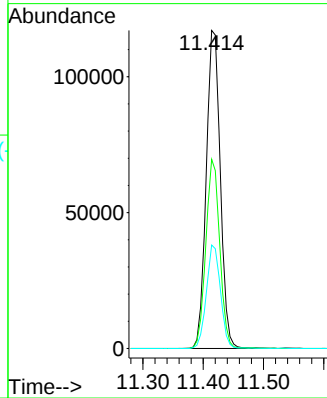
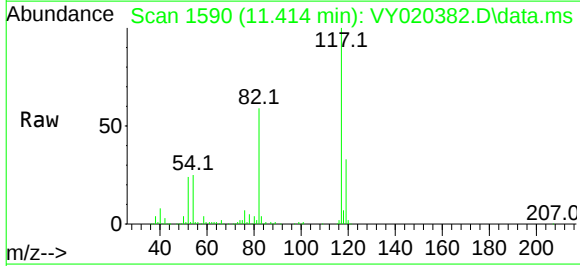




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

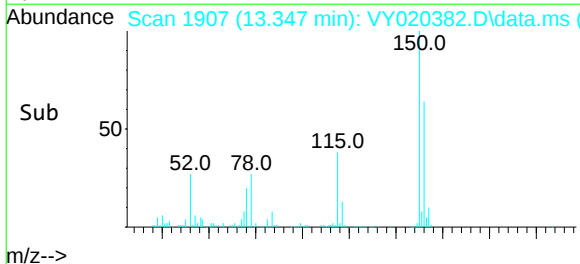
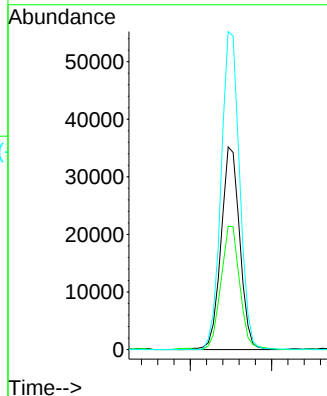
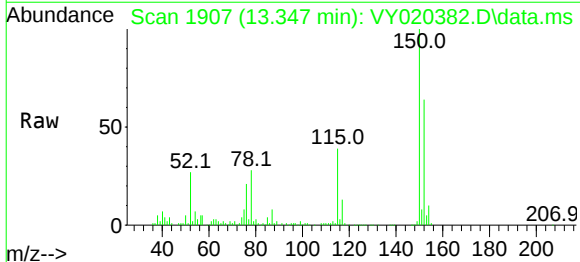
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ClientSampleId :
ARS520RE

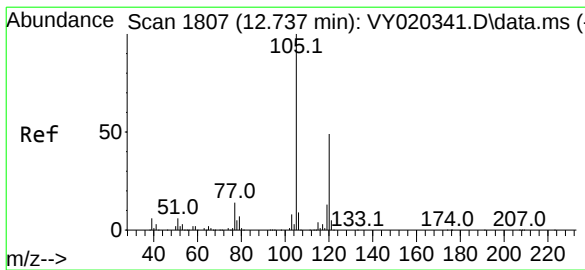
Tgt Ion:	117	Resp:	190022
Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.2	72.4
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Tgt Ion:	152	Resp:	56108
Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.0	90.0
150	154.8	0.0	348.2





#80

1,3,5-Trimethylbenzene

Concen: 1.435 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

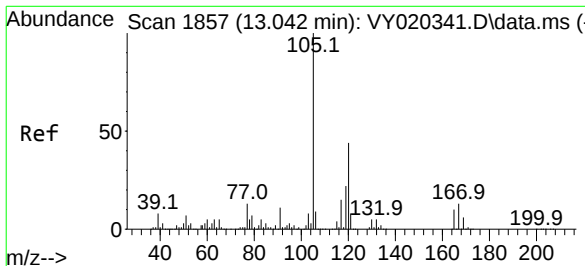
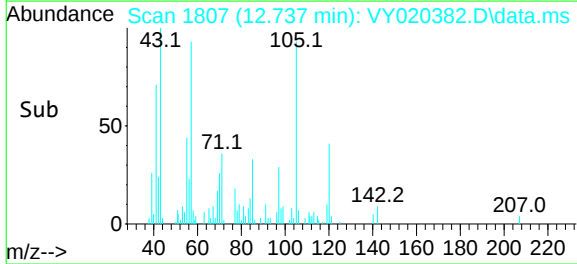
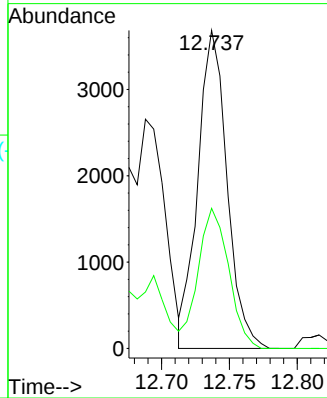
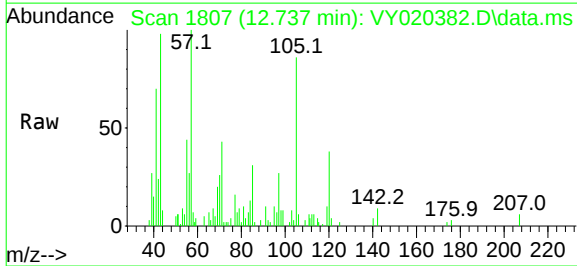
ARS520RE

Tgt Ion:105 Resp: 5513

Ion Ratio Lower Upper

105 100

120 46.2 24.3 72.8



#84

1,2,4-Trimethylbenzene

Concen: 5.230 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

Tgt Ion:105 Resp: 19919

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0

