

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020248.D
 Acq On : 11 Nov 2024 15:12
 Operator : SY/MD
 Sample : P4768-06
 Misc : 2.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-6-2

Quant Time: Nov 11 23:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

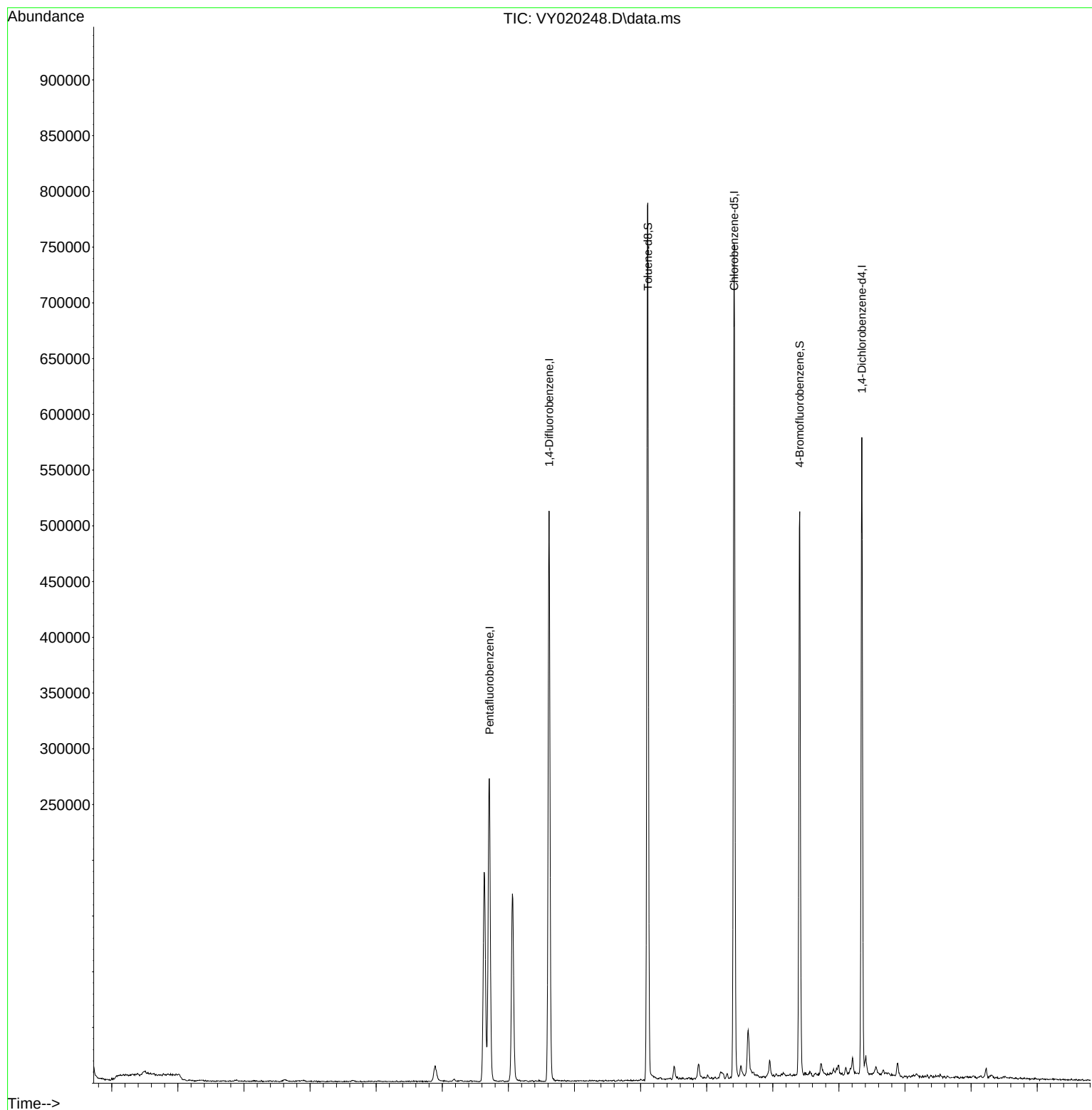
Internal Standards						
1) Pentafluorobenzene	7.713	168	190237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	399773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	365761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135459	57.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.100%
35) Dibromofluoromethane	7.634	113	132702	52.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.109	98	495141	48.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.408	95	151247	46.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.040%
Target Compounds						
68) m/p-Xylenes	11.621	106	10308	1.934	ug/l	Qvalue 93

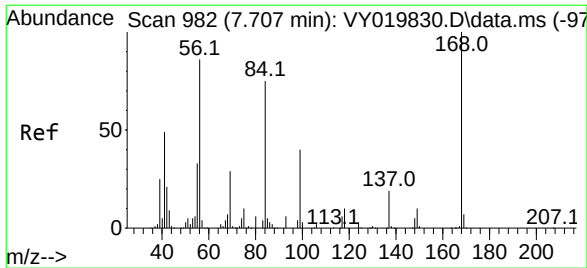
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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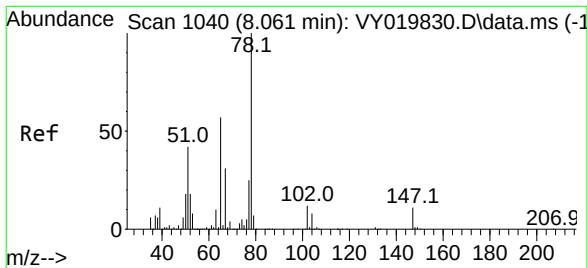
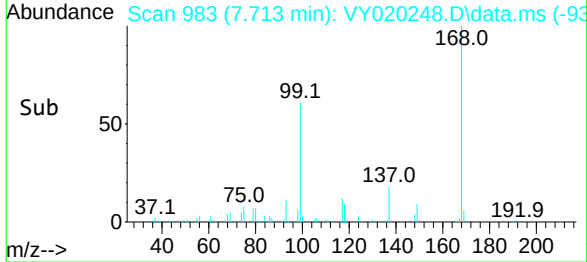
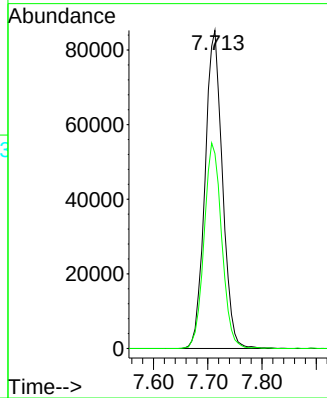
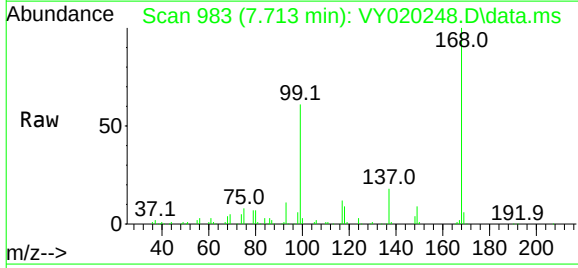




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

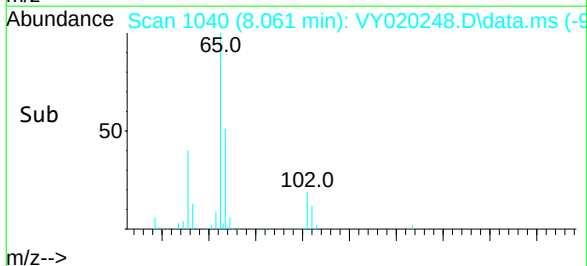
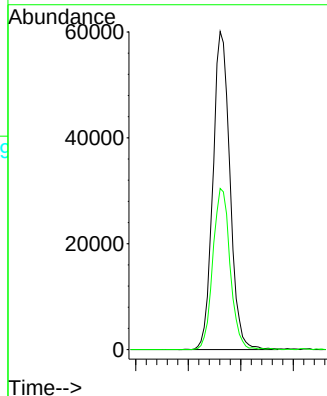
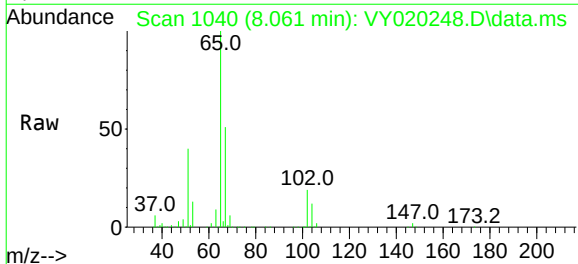
Instrument :
MSVOA_Y
ClientSampleId :
B-6-2

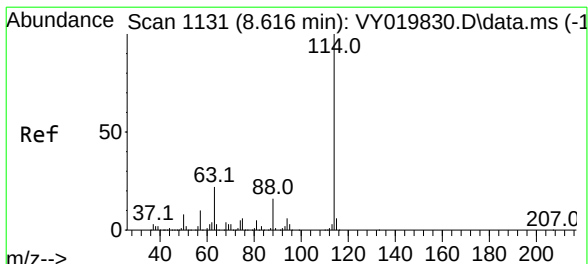
Tgt Ion:168 Resp: 190237
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.053 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 65 Resp: 135459
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

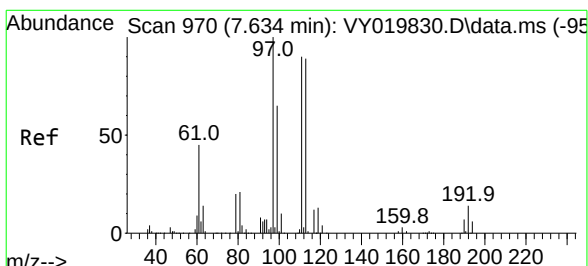
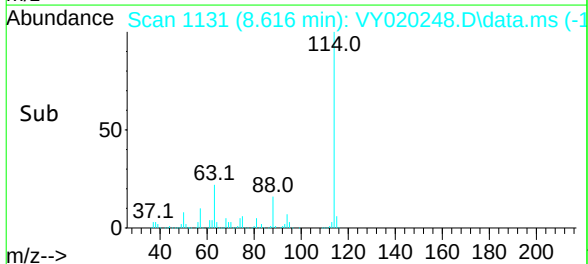
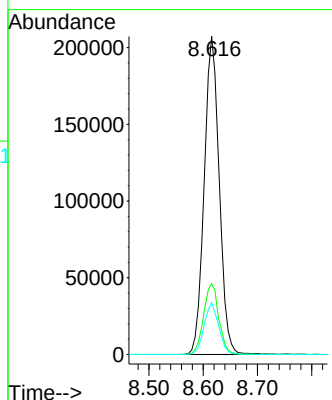
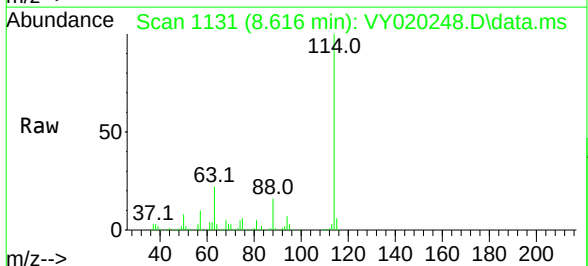




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

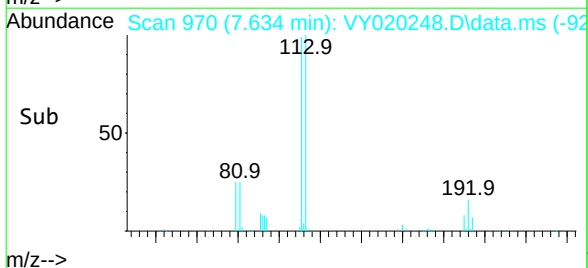
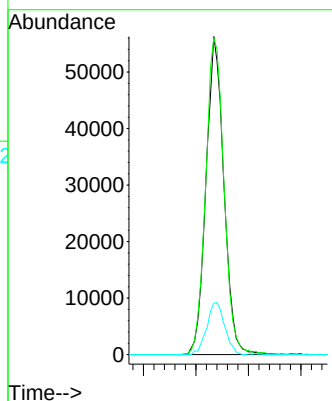
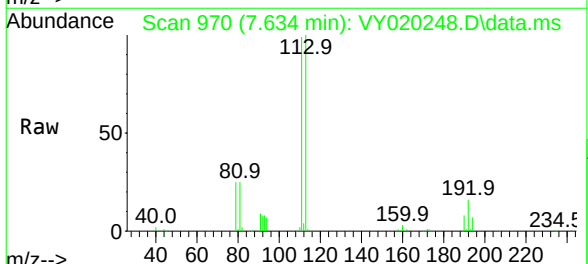
Instrument :
MSVOA_Y
ClientSampleId :
B-6-2

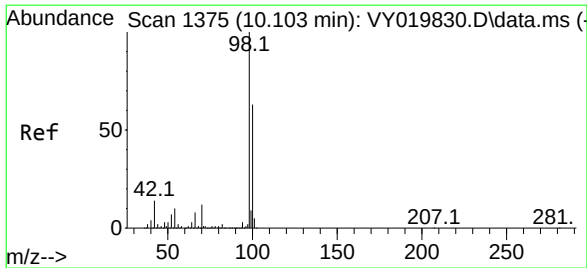
Tgt Ion:	114	Resp:	399773
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.0
88	16.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 52.209 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion:	113	Resp:	132702
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	16.5	15.9	23.9





#50

Toluene-d8

Concen: 48.940 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020248.D

Acq: 11 Nov 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

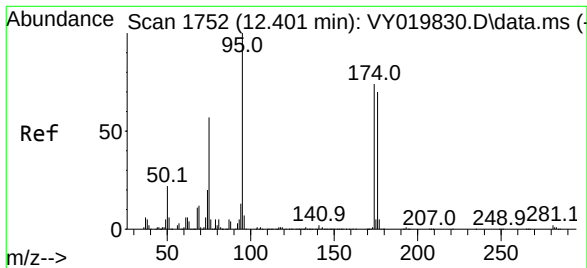
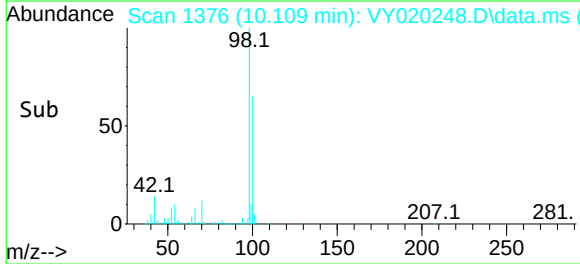
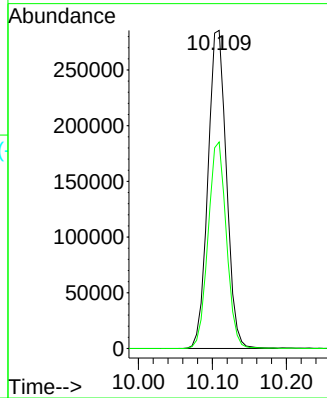
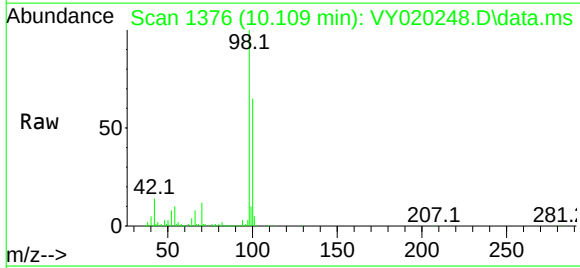
B-6-2

Tgt Ion: 98 Resp: 495141

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.024 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020248.D

Acq: 11 Nov 2024 15:12

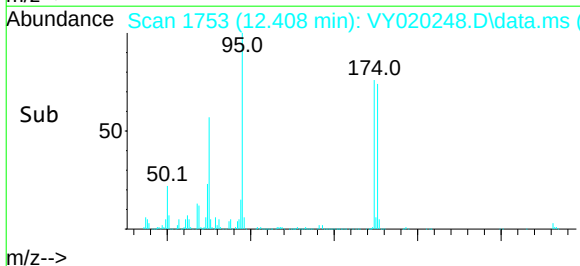
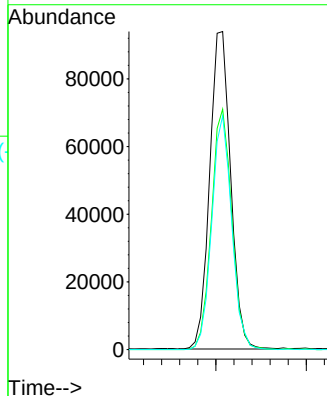
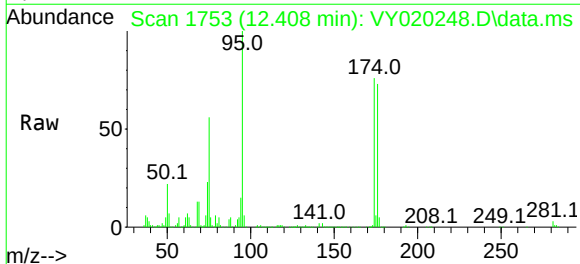
Tgt Ion: 95 Resp: 151247

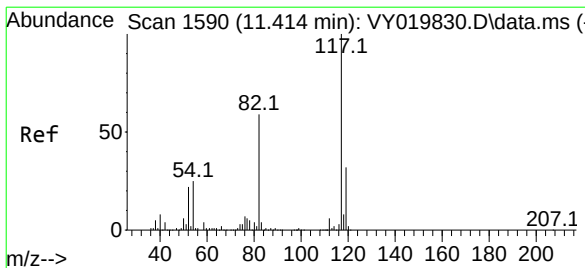
Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 69.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020248.D

Acq: 11 Nov 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

B-6-2

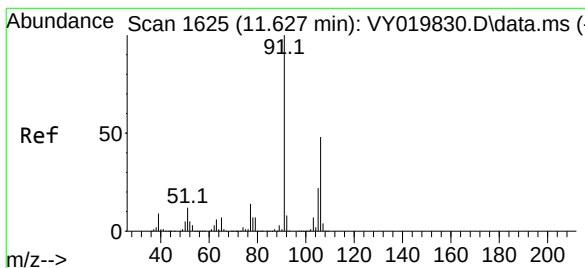
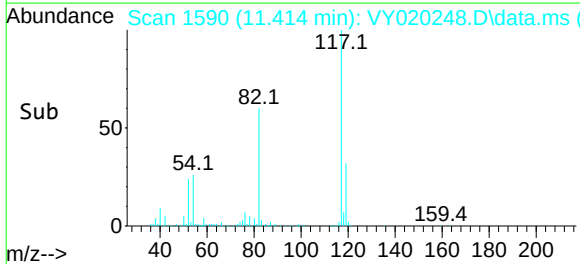
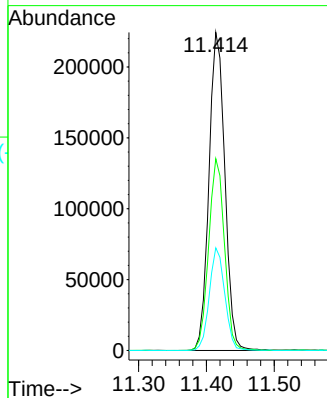
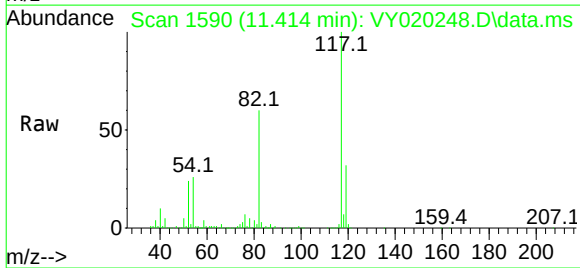
Tgt Ion:117 Resp: 365761

Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

119 32.3 25.9 38.9



#68

m/p-Xylenes

Concen: 1.934 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY020248.D

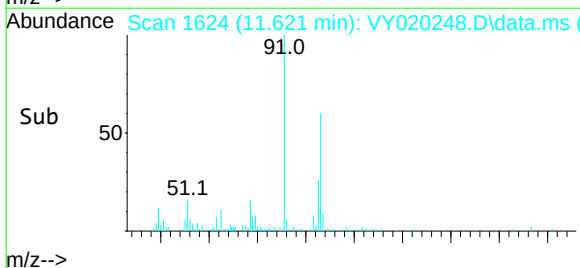
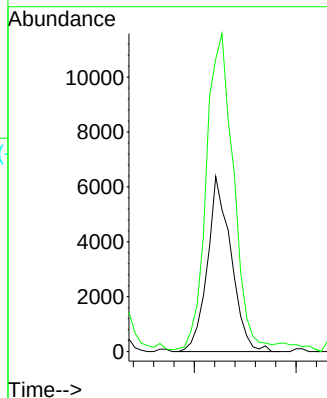
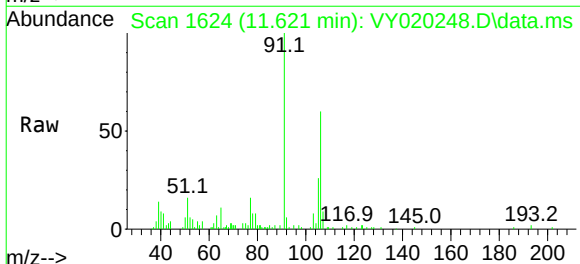
Acq: 11 Nov 2024 15:12

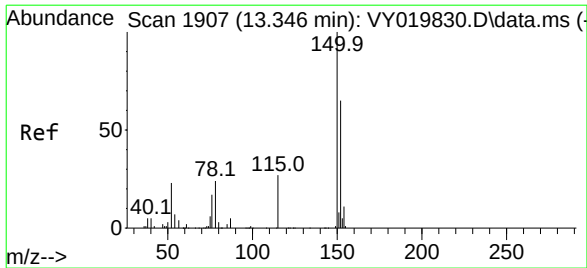
Tgt Ion:106 Resp: 10308

Ion Ratio Lower Upper

106 100

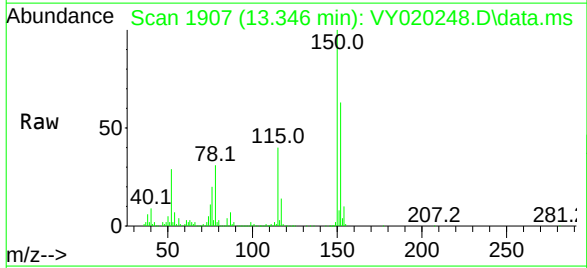
91 205.4 156.0 234.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020248.D
 Acq: 11 Nov 2024 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-6-2



Tgt Ion:	152	Resp:	128461
Ion Ratio	Lower	Upper	
152	100		
115	62.4	28.2	84.7
150	156.0	0.0	345.6

