

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020246.D
 Acq On : 11 Nov 2024 14:25
 Operator : SY/MD
 Sample : P4768-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Quant Time: Nov 11 23:15:54 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)

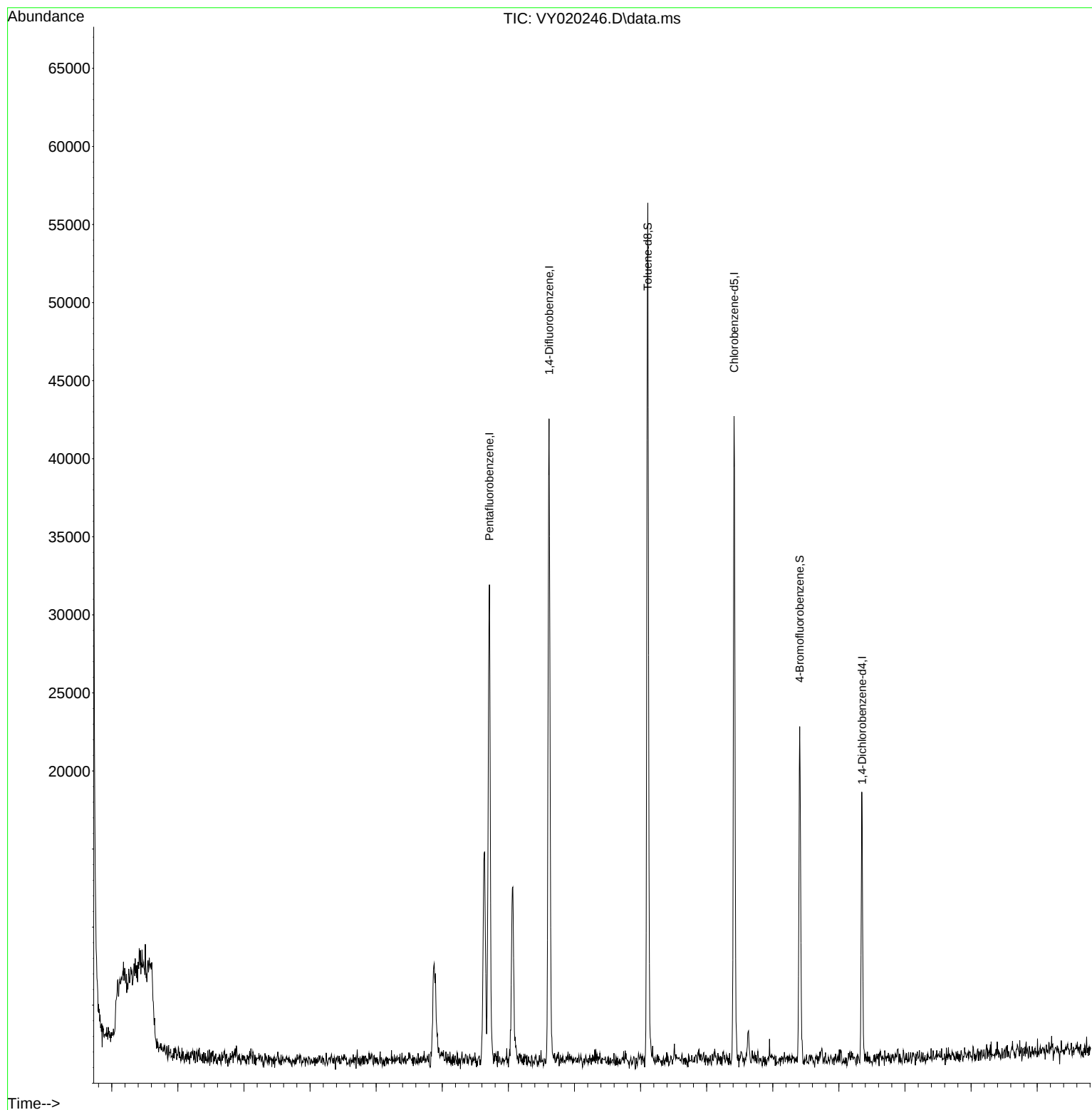
Internal Standards						
1) Pentafluorobenzene	7.713	168	20694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	32857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	20158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8776	33.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.960%
35) Dibromofluoromethane	7.640	113	10217	48.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.109	98	34537	41.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.060%
62) 4-Bromofluorobenzene	12.408	95	6205	22.974	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	45.940%
Target Compounds						
68) m/p-Xylenes	11.621	106	833	2.836	ug/l	# Qvalue 62

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

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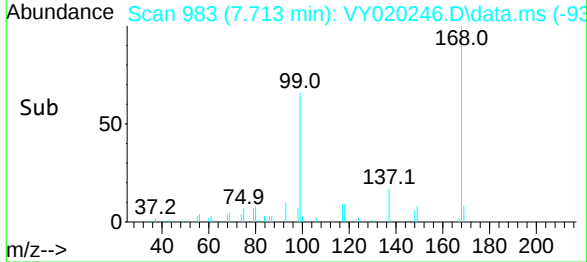
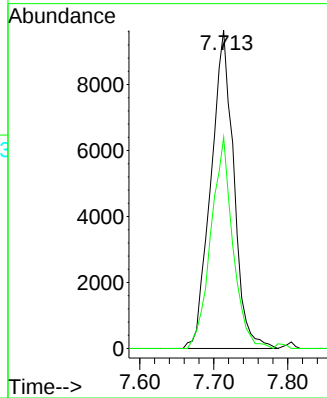
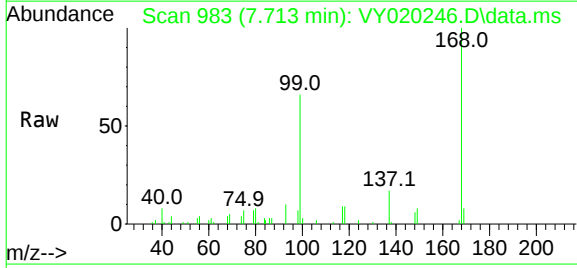




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

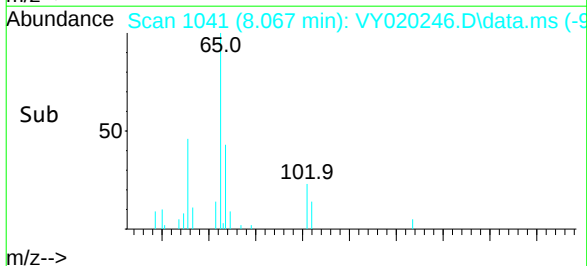
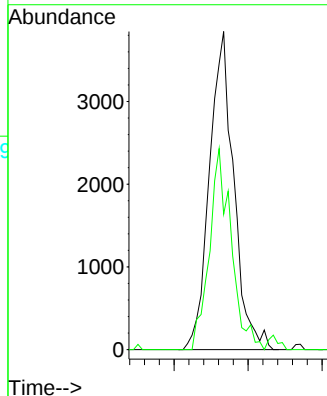
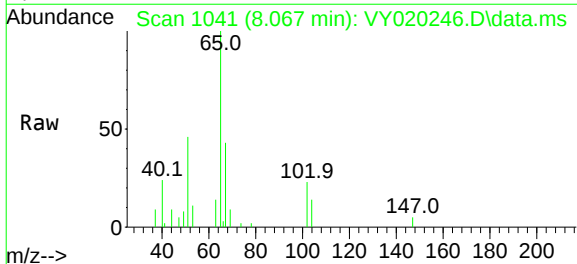
Instrument :
MSVOA_Y
ClientSampleId :
B-4

Tgt Ion: 168 Resp: 20694
Ion Ratio Lower Upper
168 100
99 66.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 33.979 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion: 65 Resp: 8776
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

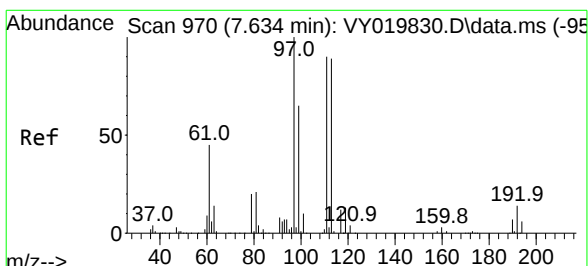
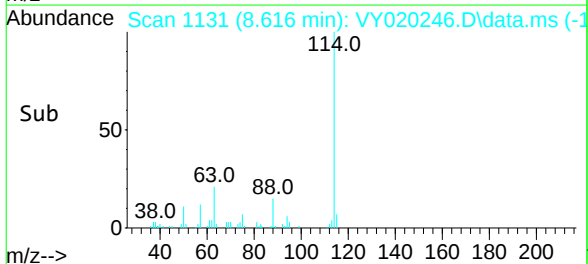
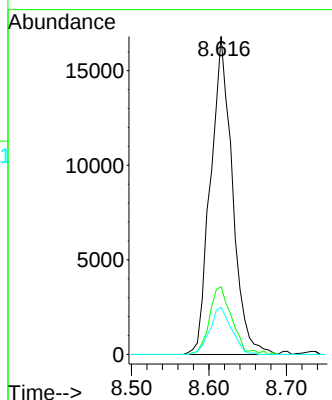
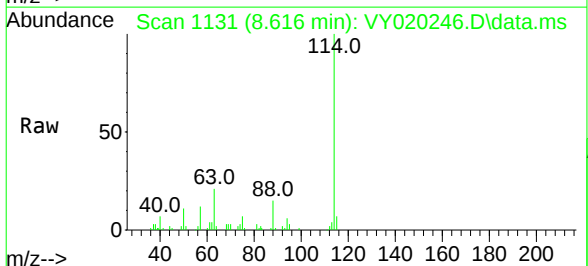




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020246.D
 Acq: 11 Nov 2024 14:25

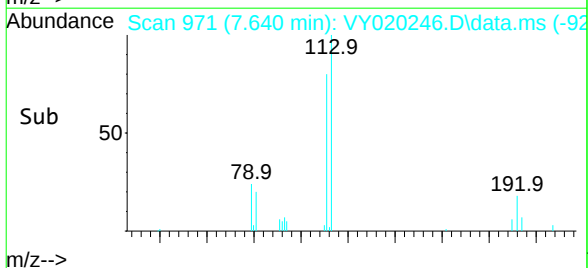
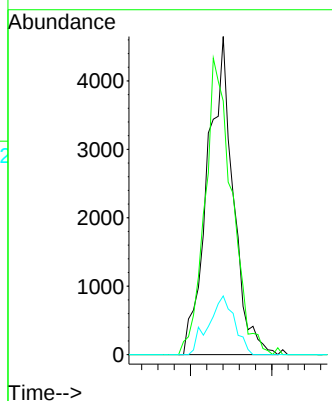
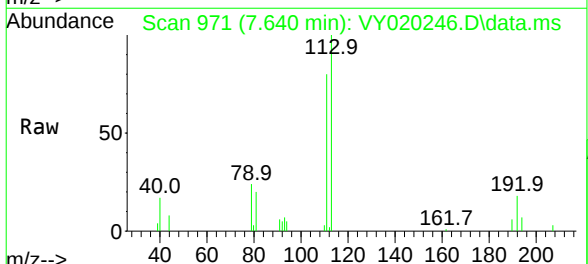
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

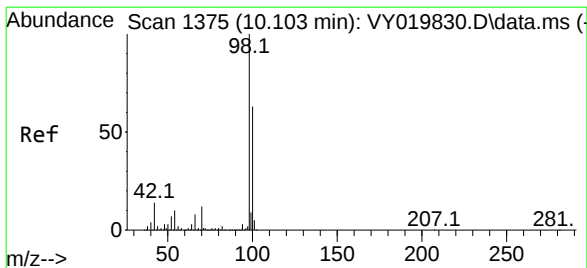
Tgt Ion:	114	Resp:	32857
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	35.0
88	14.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 48.908 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020246.D
 Acq: 11 Nov 2024 14:25

Tgt Ion:	113	Resp:	10217
Ion Ratio	Lower	Upper	
113	100		
111	98.1	82.2	123.4
192	18.7	15.9	23.9





#50

Toluene-d8

Concen: 41.534 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020246.D

Acq: 11 Nov 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

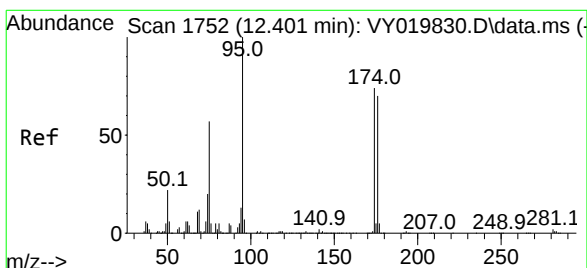
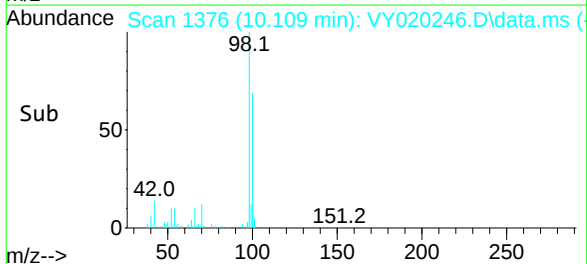
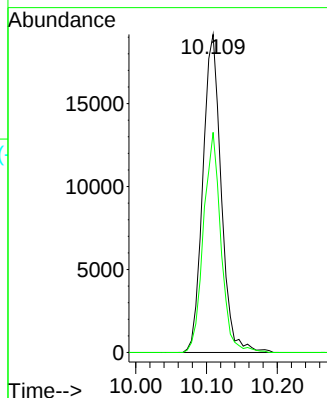
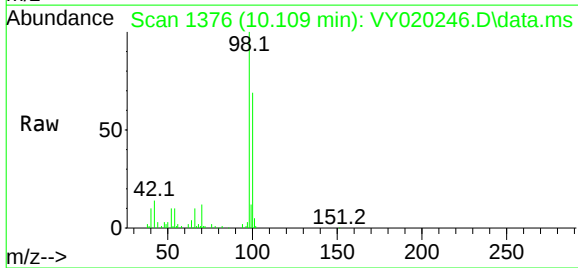
B-4

Tgt Ion: 98 Resp: 34537

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.974 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020246.D

Acq: 11 Nov 2024 14:25

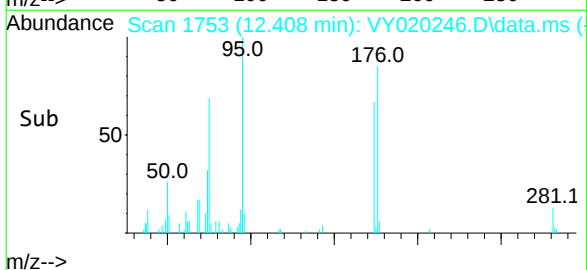
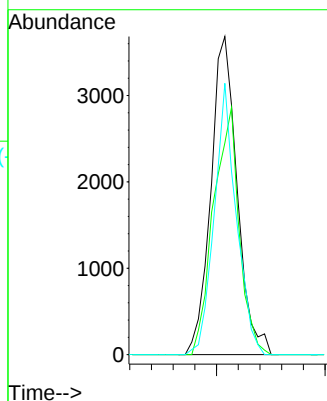
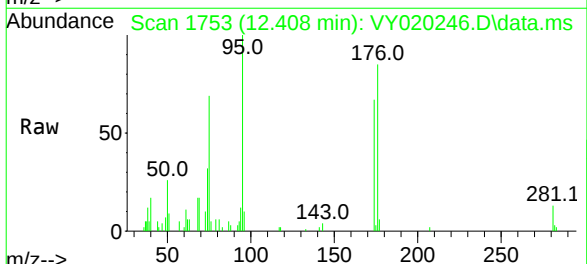
Tgt Ion: 95 Resp: 6205

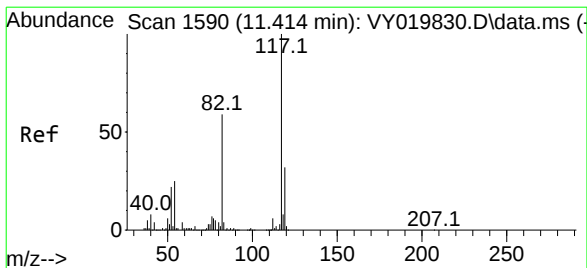
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 71.4 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: VY020246.D

Acq: 11 Nov 2024 14:25

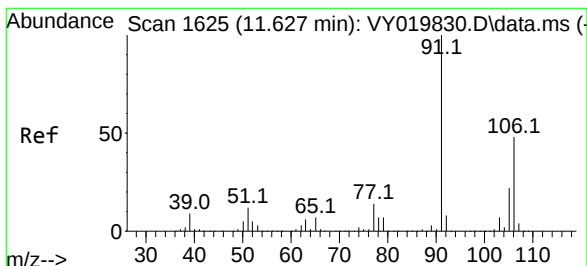
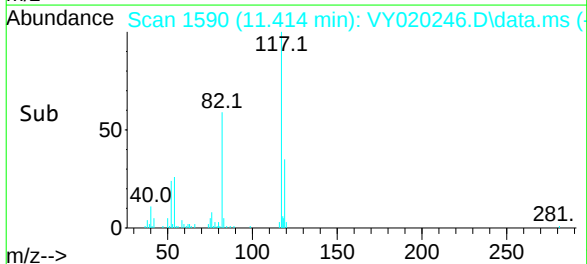
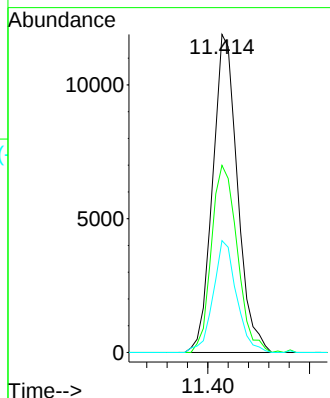
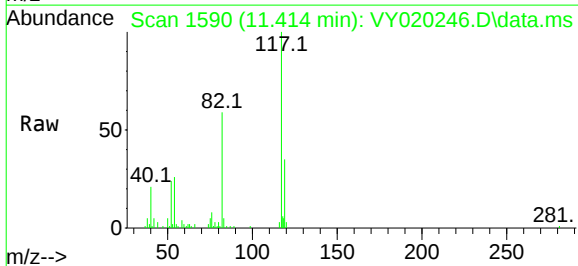
Instrument :

MSVOA_Y

ClientSampleId :

B-4

Tgt Ion:	117	Resp:	20158
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	35.2	25.9	38.9



#68

m/p-Xylenes

Concen: 2.836 ug/l

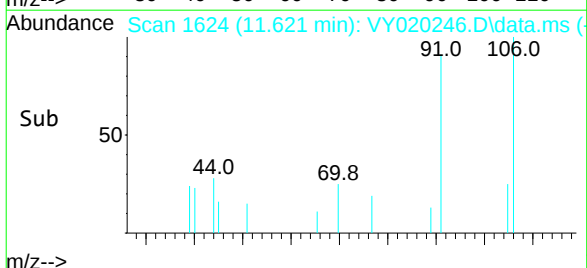
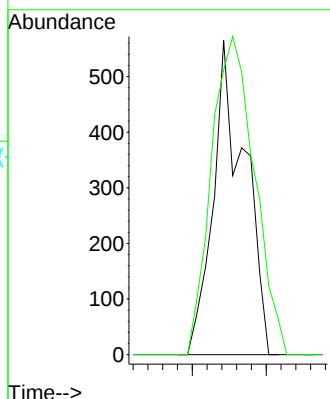
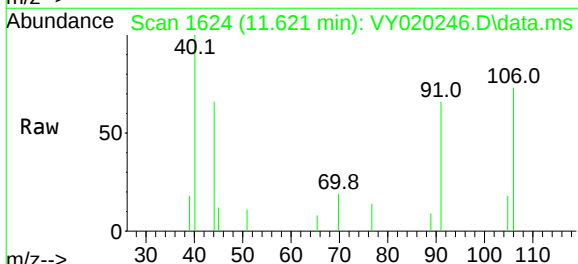
RT: 11.621 min Scan# 1624

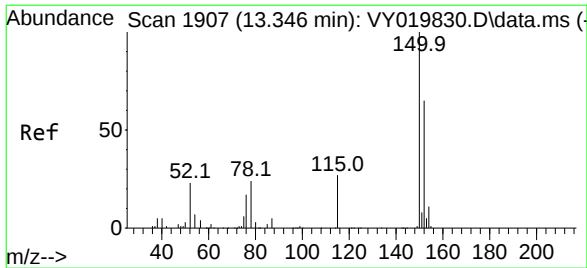
Delta R.T. -0.012 min

Lab File: VY020246.D

Acq: 11 Nov 2024 14:25

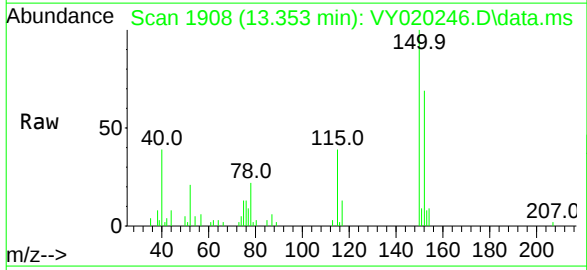
Tgt Ion:	106	Resp:	833
Ion	Ratio	Lower	Upper
106	100		
91	138.8	156.0	234.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :
B-4



Tgt Ion:	152	Resp:	3939
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	138.6	0.0	345.6

