

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020228.D
 Acq On : 08 Nov 2024 13:15
 Operator : SY/MD
 Sample : P4720-02RE
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-701-VOC-01RE

Quant Time: Nov 08 14:11:12 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	7.707	168	7971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	16643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2563	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6613	66.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.940%
35) Dibromofluoromethane	7.634	113	5560	52.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.109	98	19930	47.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.402	95	5956	43.535	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.060%

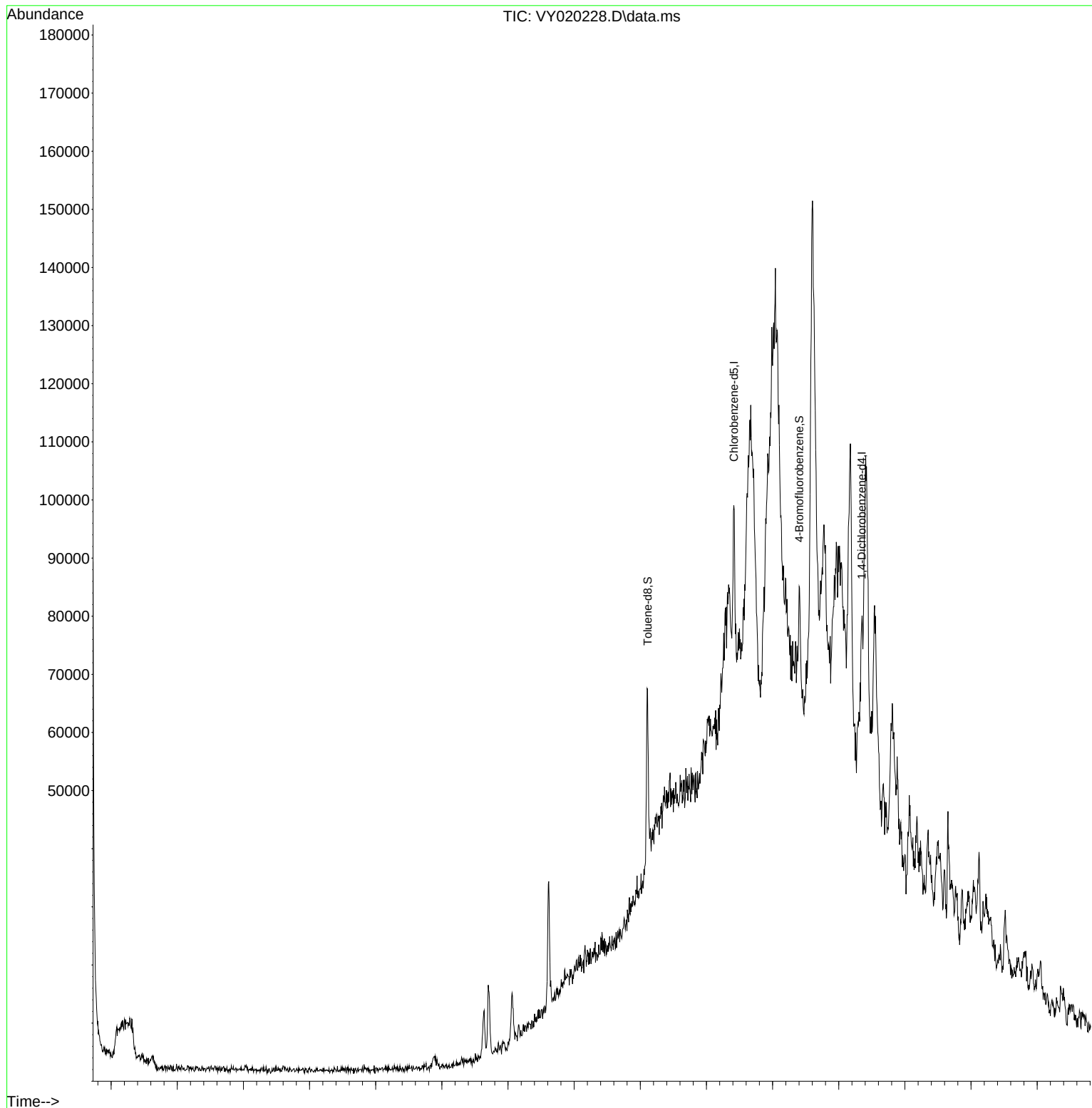
Target Compounds	Qvalue

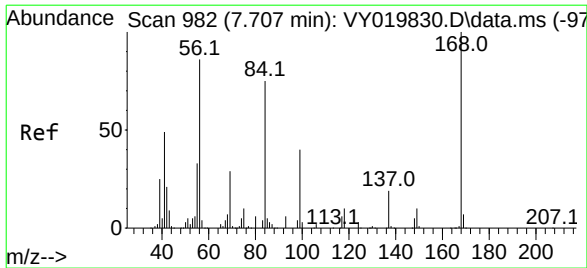
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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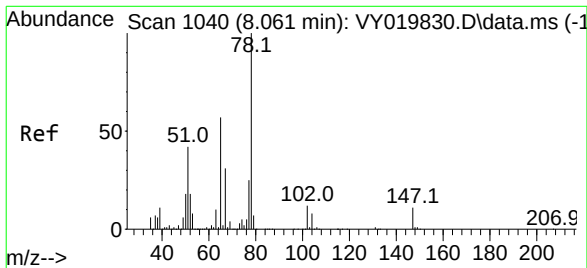
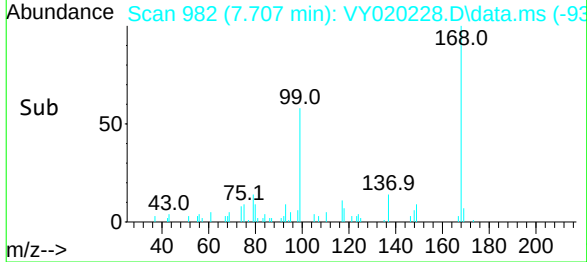
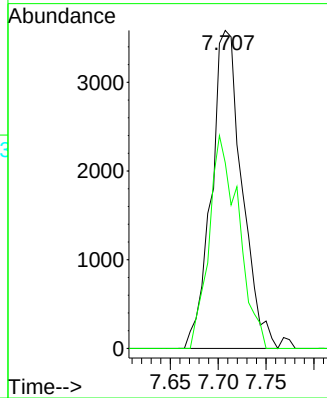
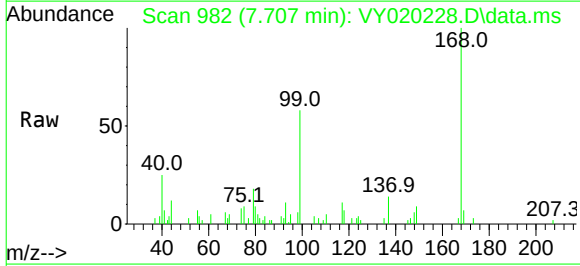




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020228.D
Acq: 08 Nov 2024 13:15

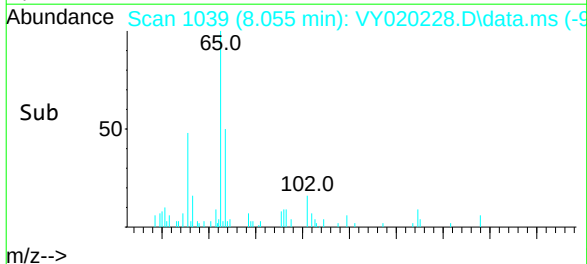
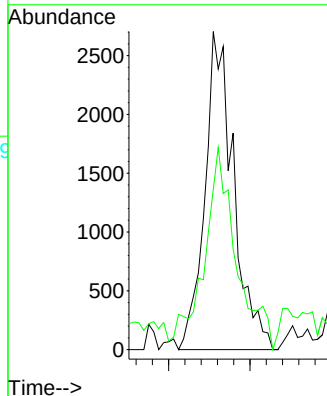
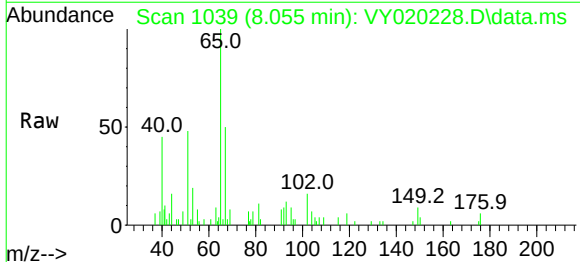
Instrument :
MSVOA_Y
ClientSampleId :
JC-701-VOC-01RE

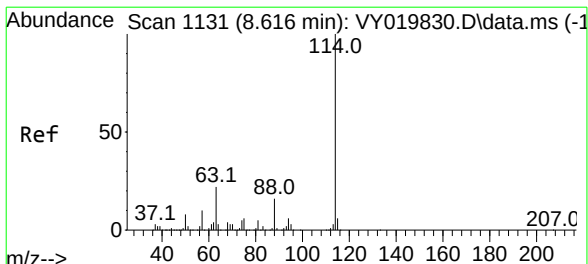
Tgt Ion:168 Resp: 7971
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.473 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY020228.D
Acq: 08 Nov 2024 13:15

Tgt Ion: 65 Resp: 6613
Ion Ratio Lower Upper
65 100
67 71.5 0.0 109.6

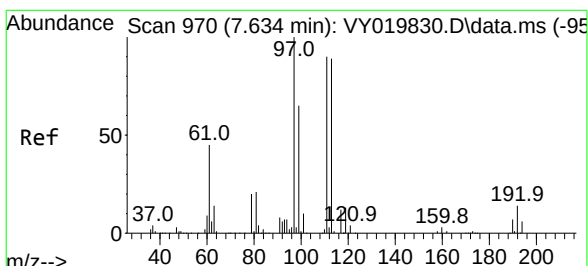
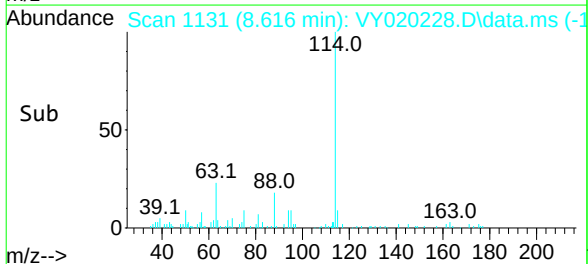
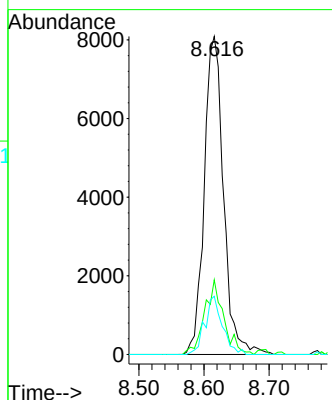
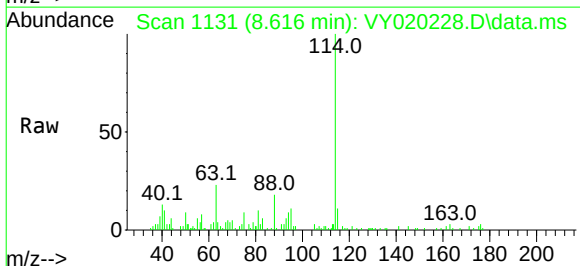




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020228.D
 Acq: 08 Nov 2024 13:15

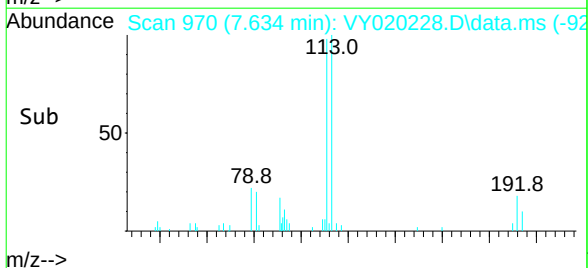
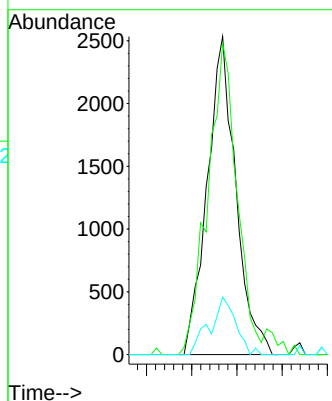
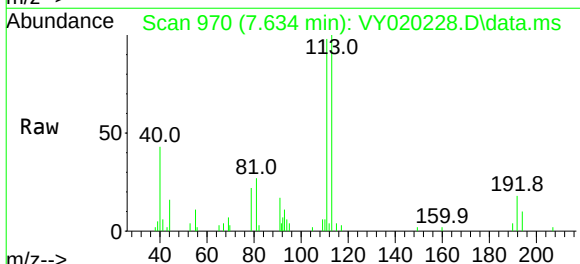
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-701-VOC-01RE

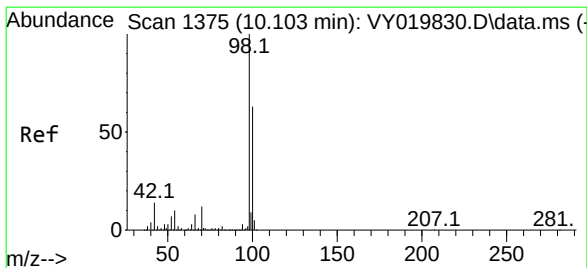
Tgt Ion:	114	Resp:	16643
Ion Ratio	Lower	Upper	
114	100		
63	23.5	0.0	35.0
88	18.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.544 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020228.D
 Acq: 08 Nov 2024 13:15

Tgt Ion:	113	Resp:	5560
Ion Ratio	Lower	Upper	
113	100		
111	99.7	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 47.318 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020228.D

Acq: 08 Nov 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

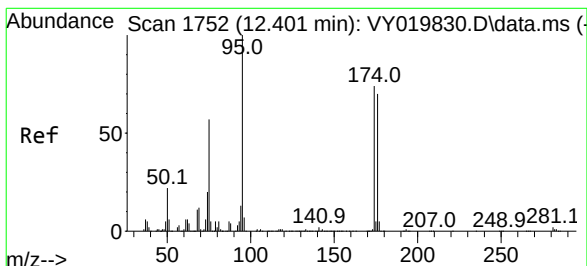
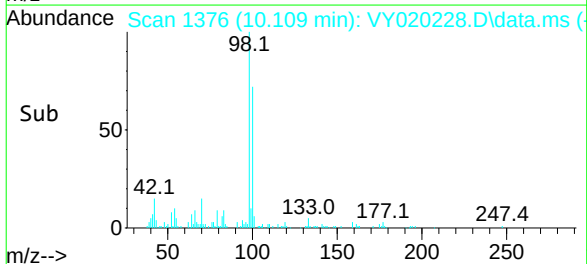
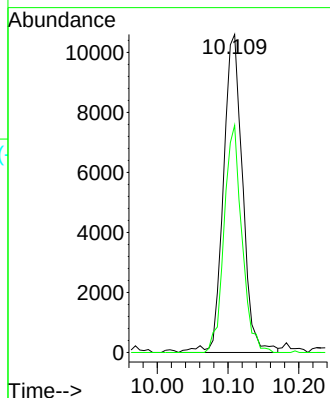
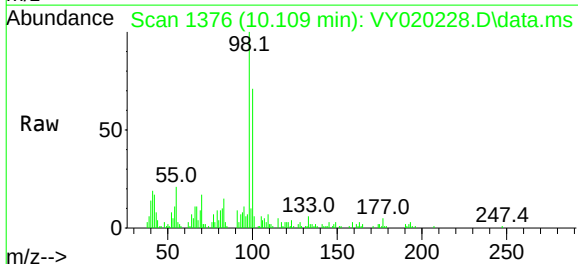
JC-701-VOC-01RE

Tgt Ion: 98 Resp: 19930

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.535 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020228.D

Acq: 08 Nov 2024 13:15

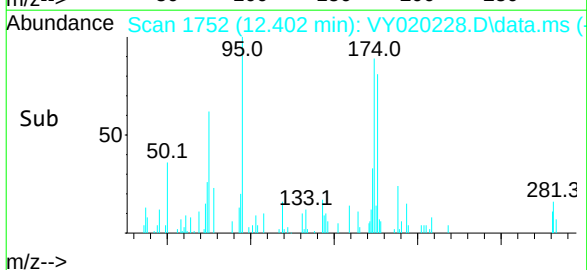
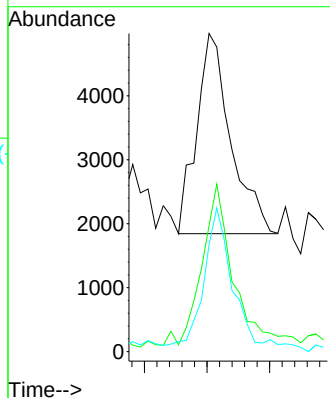
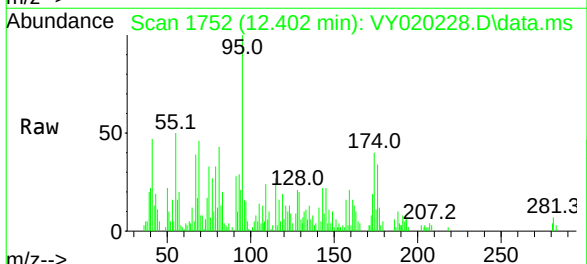
Tgt Ion: 95 Resp: 5956

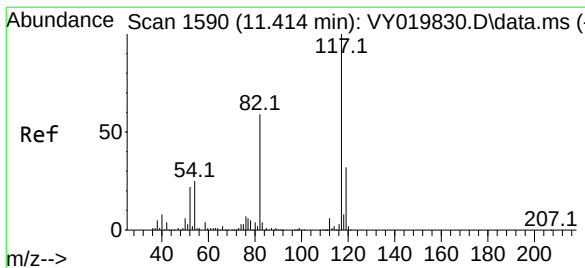
Ion Ratio Lower Upper

95 100

174 77.7 0.0 175.6

176 53.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020228.D

Acq: 08 Nov 2024 13:15

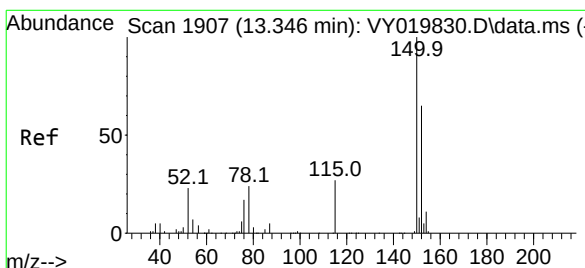
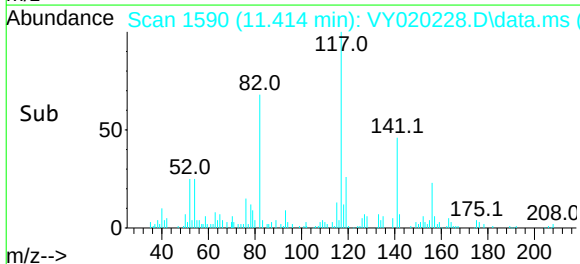
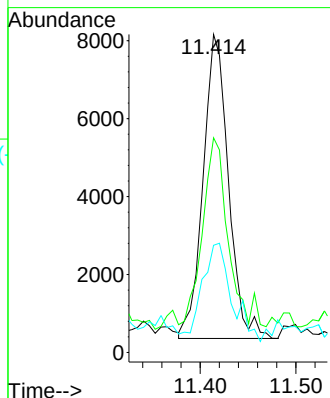
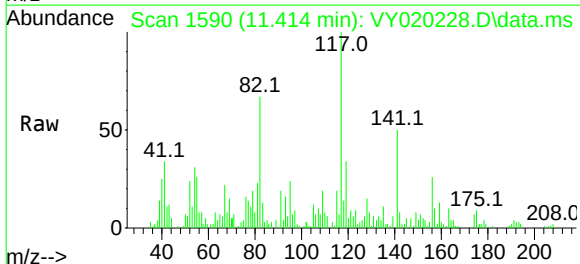
Instrument :

MSVOA_Y

ClientSampleId :

JC-701-VOC-01RE

Tgt Ion:	117	Resp:	14321
Ion	Ratio	Lower	Upper
117	100		
82	61.5	42.4	63.6
119	29.2	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020228.D

Acq: 08 Nov 2024 13:15

Tgt Ion:	152	Resp:	2563
Ion	Ratio	Lower	Upper
152	100		
115	139.5	28.2	84.7#
150	170.3	0.0	345.6

