

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020066.D
 Acq On : 29 Oct 2024 17:09
 Operator : SY/MD
 Sample : P4594-19
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F15-VOC

Quant Time: Oct 30 01:27:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	171313	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	366653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125283	59.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.780%
35) Dibromofluoromethane	7.634	113	122424	50.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.109	98	457676	51.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.402	95	139634	43.251	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.500%

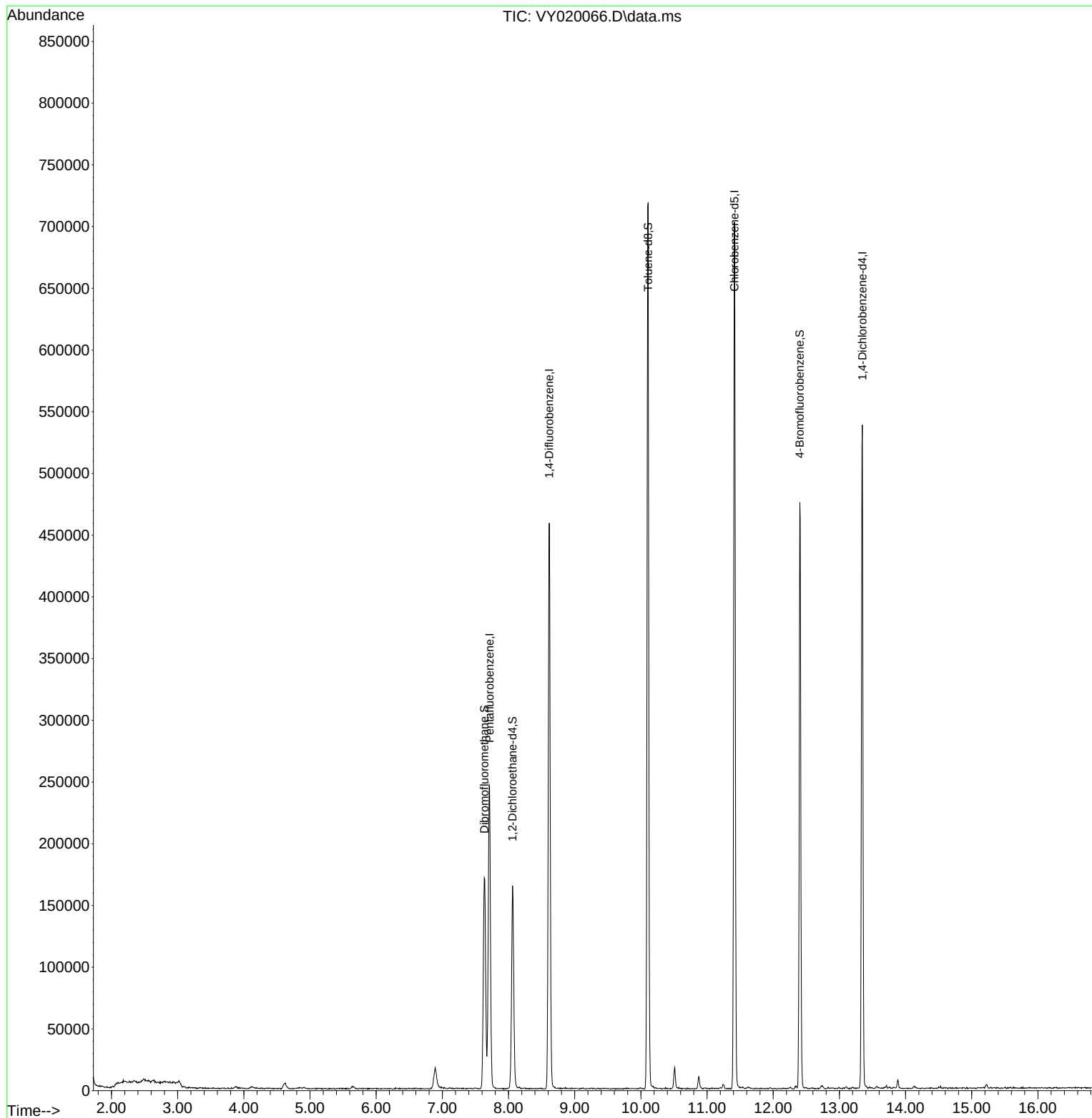
Target Compounds	Qvalue

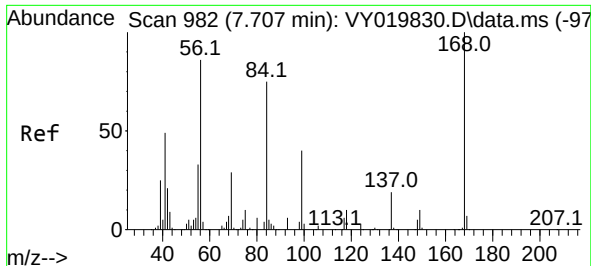
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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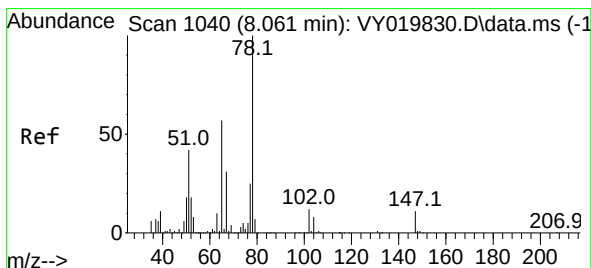
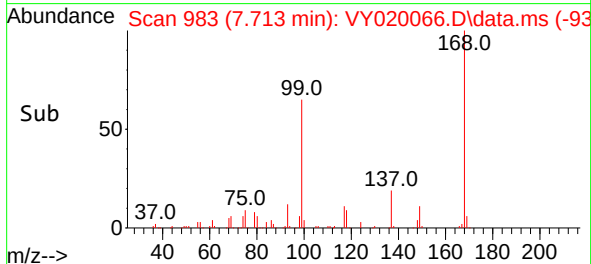
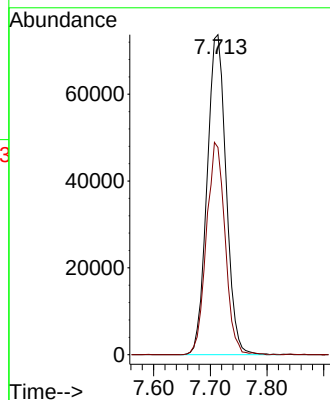
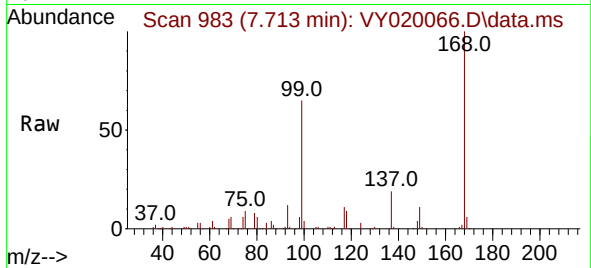




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

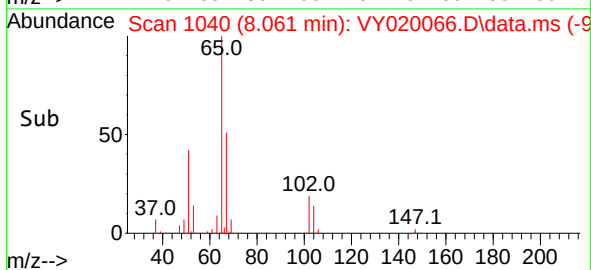
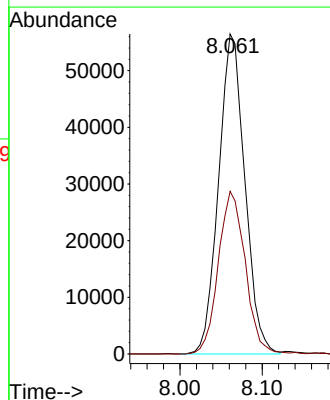
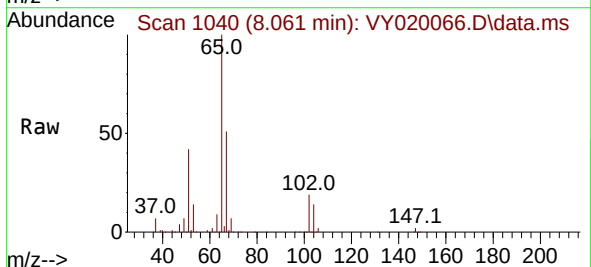
Instrument :
MSVOA_Y
ClientSampleId :
BP-F15-VOC

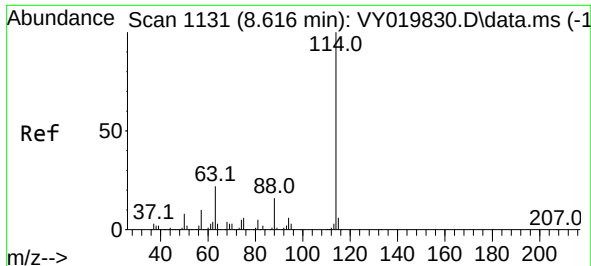
Tgt Ion:168 Resp: 171313
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.394 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

Tgt Ion: 65 Resp: 125283
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

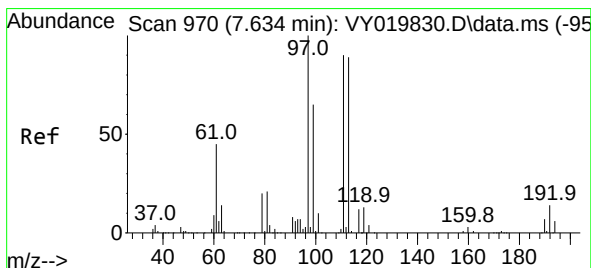
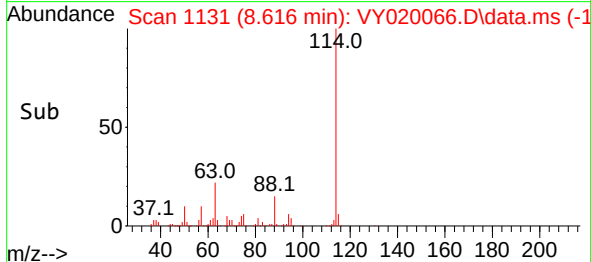
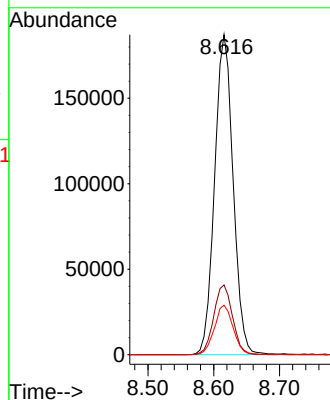
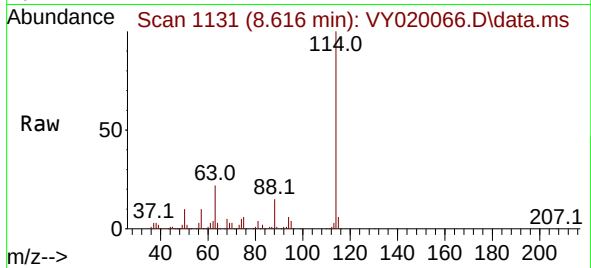




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

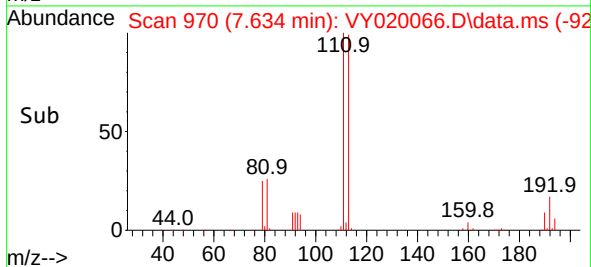
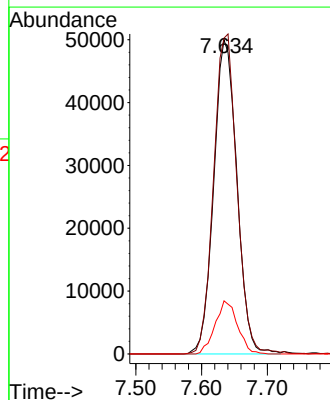
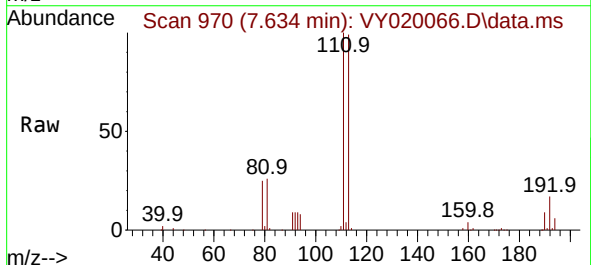
Instrument :
MSVOA_Y
ClientSampleId :
BP-F15-VOC

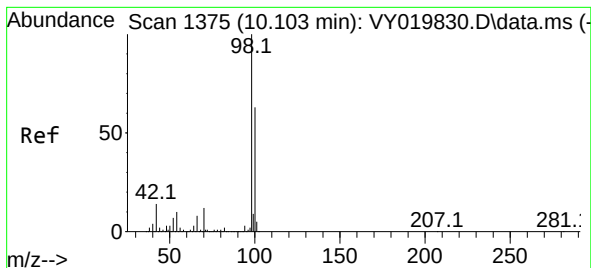
Tgt Ion:114 Resp: 366653
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

Tgt Ion:113 Resp: 122424
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.3 15.9 23.9





#50

Toluene-d8

Concen: 51.223 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020066.D

Acq: 29 Oct 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

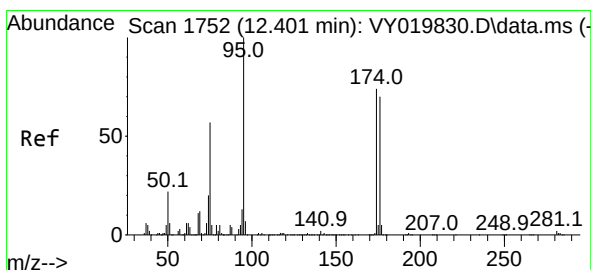
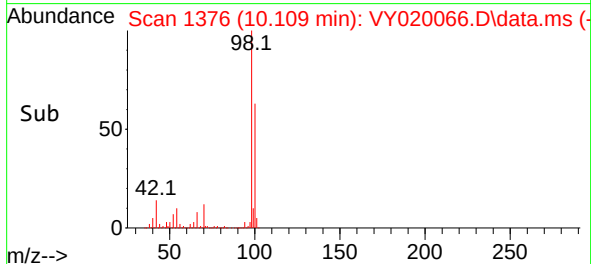
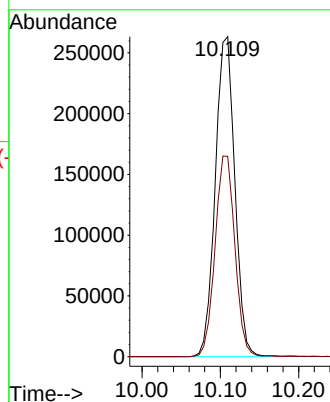
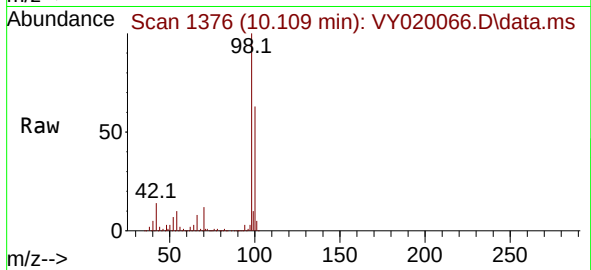
BP-F15-VOC

Tgt Ion: 98 Resp: 457676

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.251 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020066.D

Acq: 29 Oct 2024 17:09

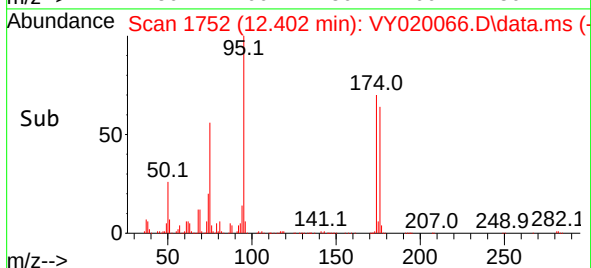
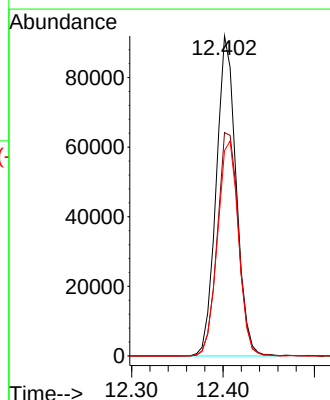
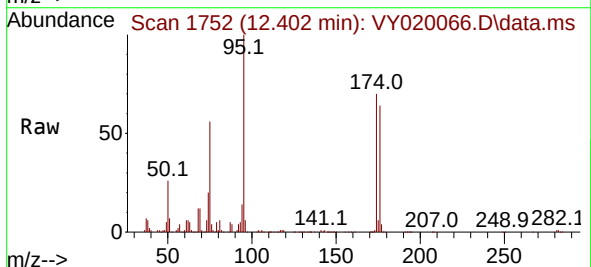
Tgt Ion: 95 Resp: 139634

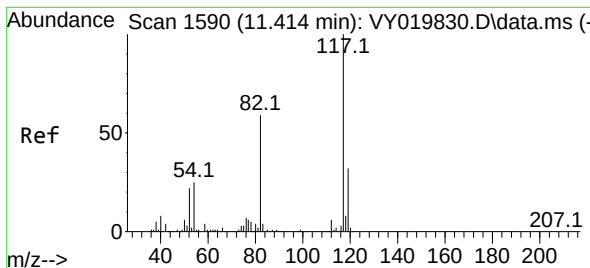
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 70.7 0.0 171.4

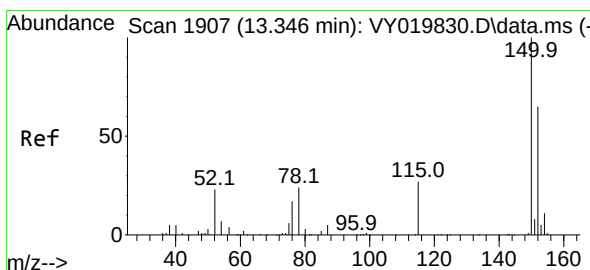
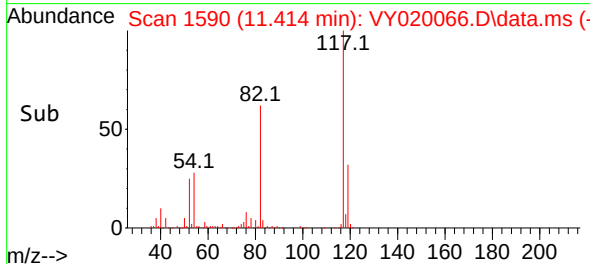
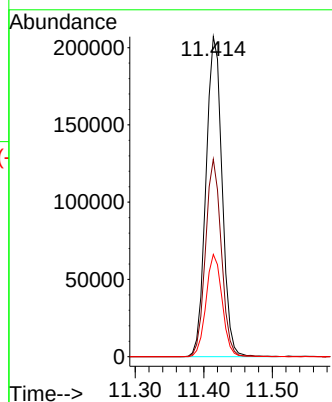
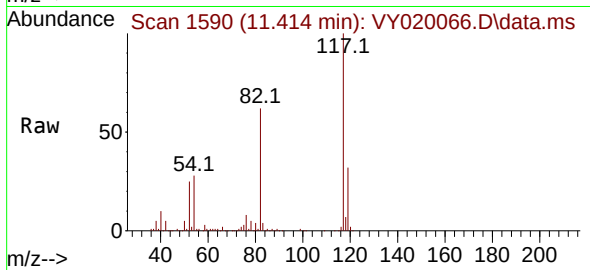




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-F15-VOC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.7	42.4	63.6
119	32.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020066.D
Acq: 29 Oct 2024 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.2	84.7
150	157.5	0.0	345.6

