

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020270.D
 Acq On : 12 Nov 2024 16:12
 Operator : SY/MD
 Sample : P4807-11
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F13-VOC

Quant Time: Nov 13 00:37:16 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)

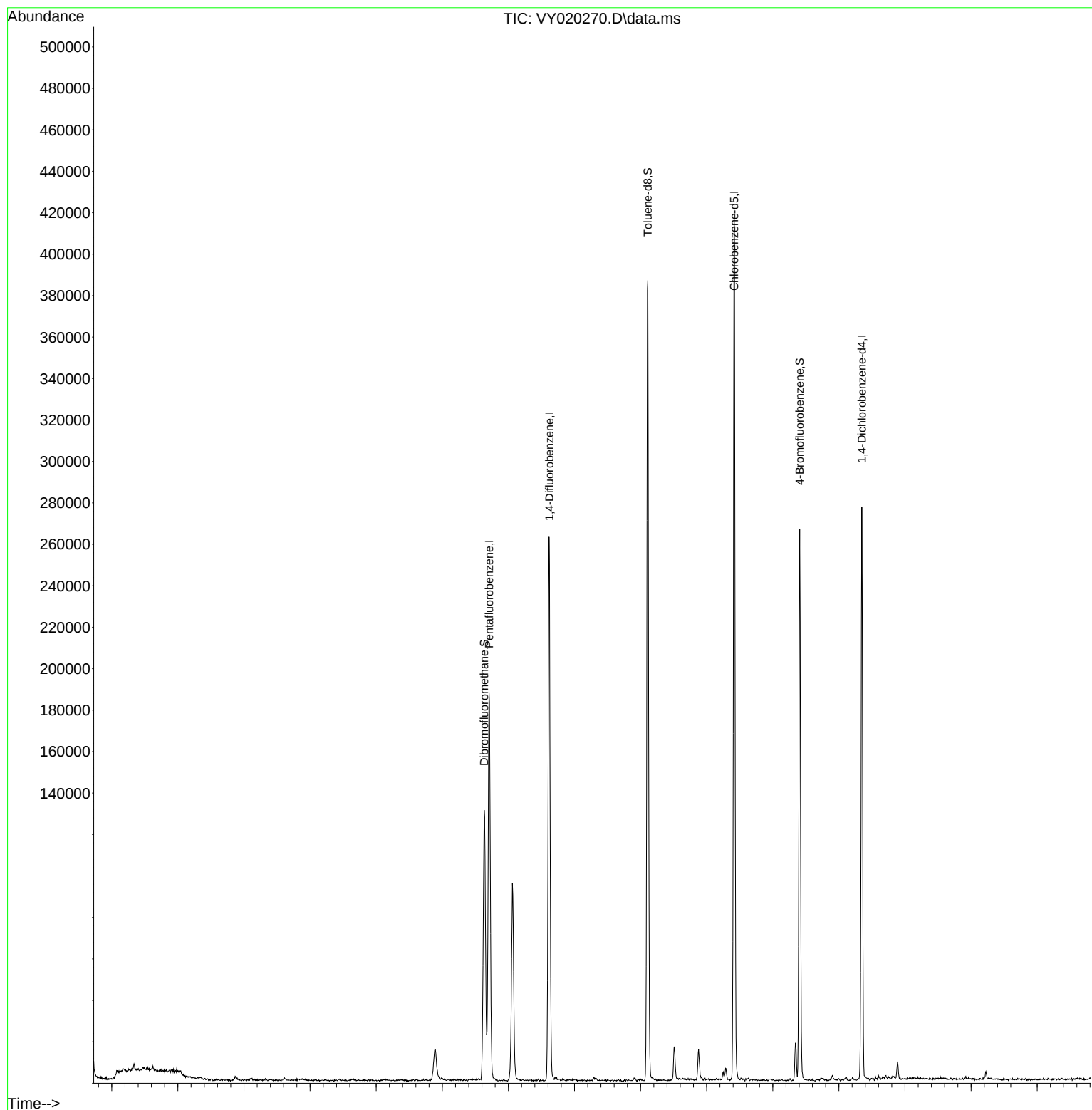
Internal Standards						
1) Pentafluorobenzene	7.707	168	131245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	214155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	213118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	60069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70276	42.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.800%
35) Dibromofluoromethane	7.634	113	93179	68.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.860%
50) Toluene-d8	10.109	98	246273	45.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.408	95	76120	43.240	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.480%
Target Compounds						
16) Acetone	3.866	43	2931	7.694	ug/l	Qvalue 96

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

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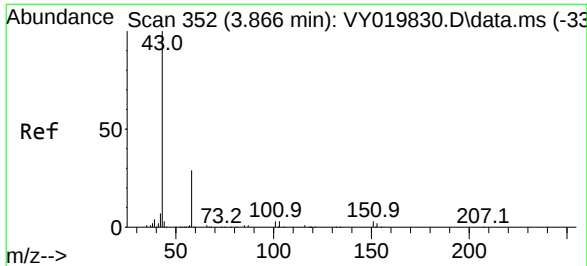
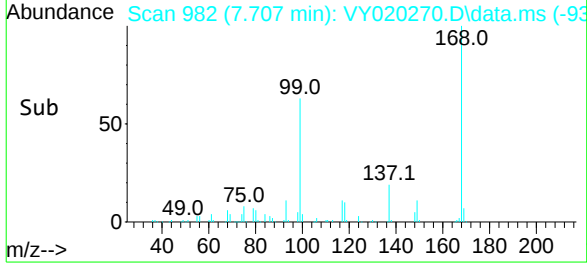
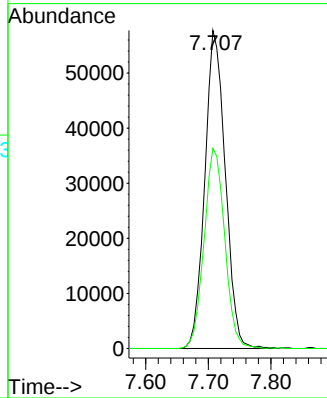
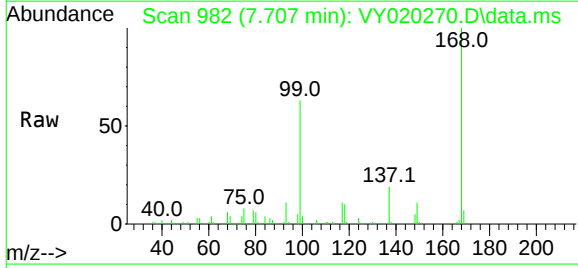




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

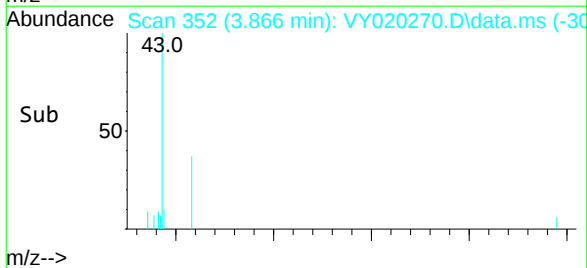
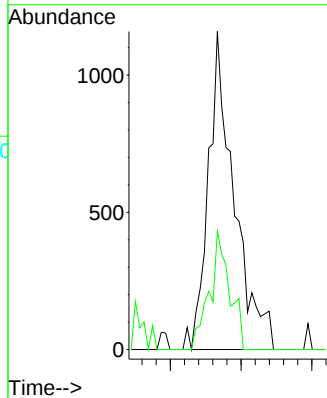
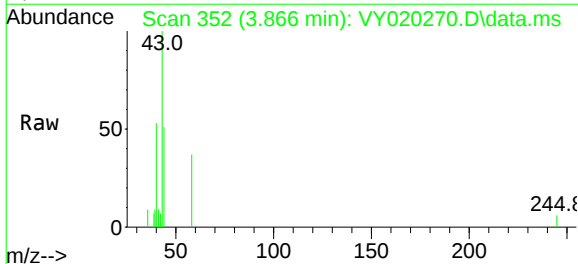
Instrument :
MSVOA_Y
ClientSampleId :
BF-F13-VOC

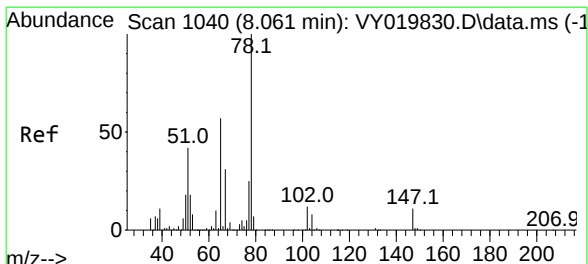
Tgt Ion:168 Resp: 131245
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#16
Acetone
Concen: 7.694 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5

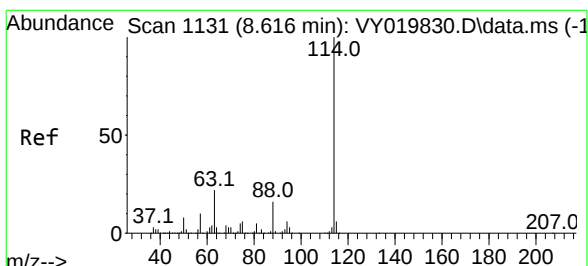
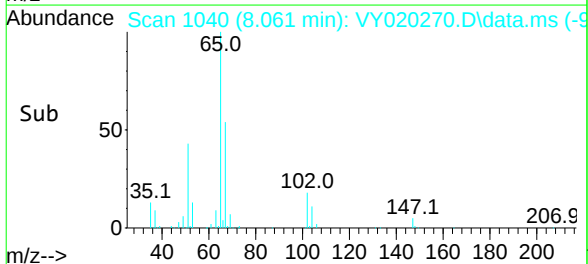
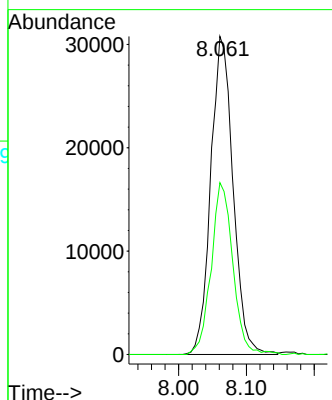
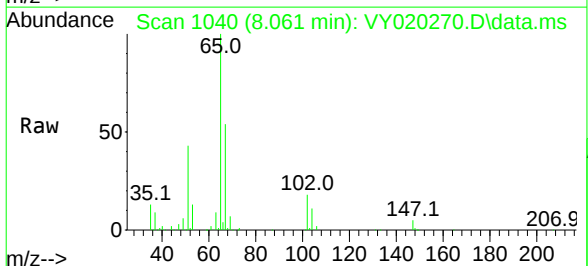




#33
 1,2-Dichloroethane-d4
 Concen: 42.903 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020270.D
 Acq: 12 Nov 2024 16:12

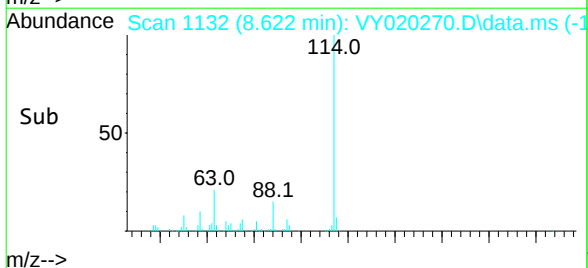
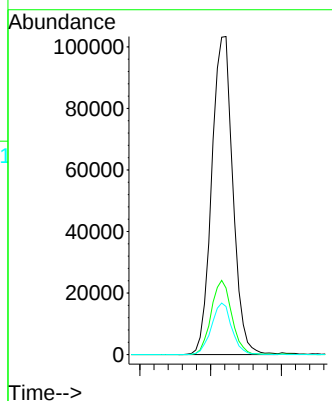
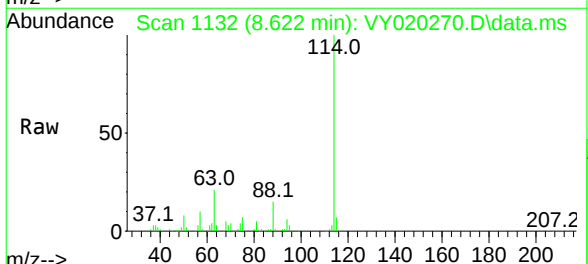
Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F13-VOC

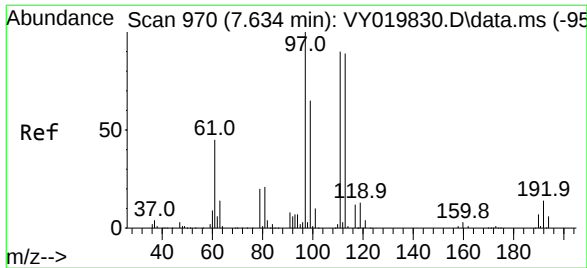
Tgt Ion: 65 Resp: 70276
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY020270.D
 Acq: 12 Nov 2024 16:12

Tgt Ion: 114 Resp: 214155
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 35.0
 88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 68.434 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020270.D

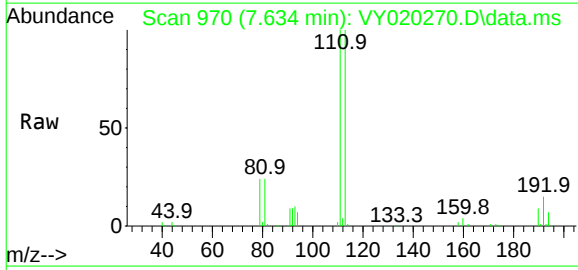
Acq: 12 Nov 2024 16:12

Instrument :

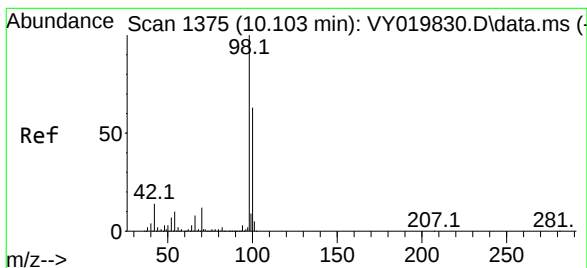
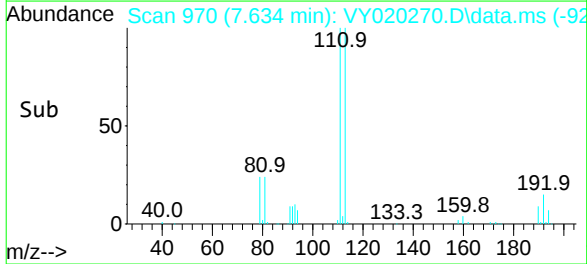
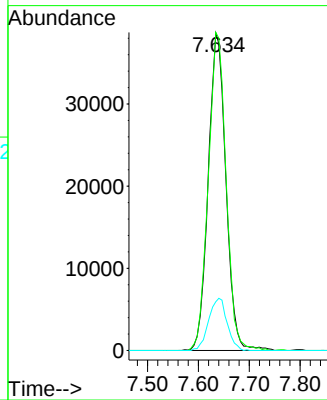
MSVOA_Y

ClientSampleId :

BF-F13-VOC



Tgt Ion:	113	Resp:	93179
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	17.1	15.9	23.9



#50

Toluene-d8

Concen: 45.440 ug/l

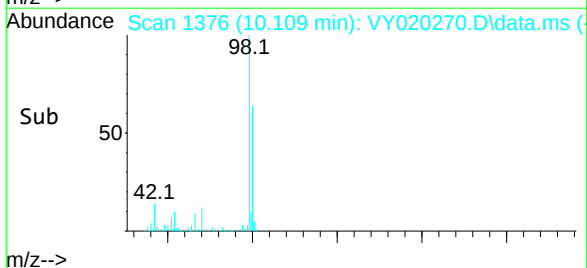
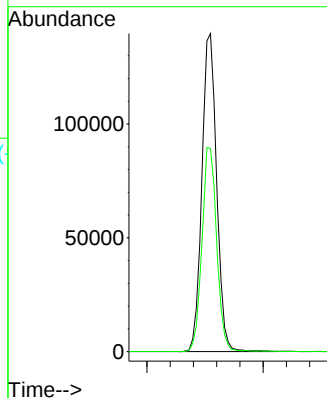
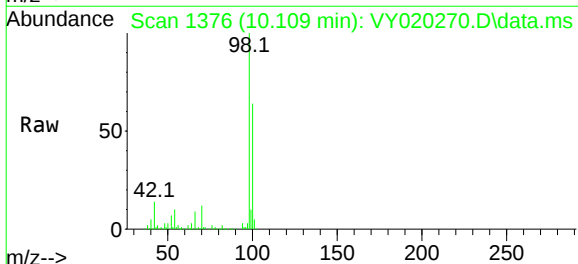
RT: 10.109 min Scan# 1376

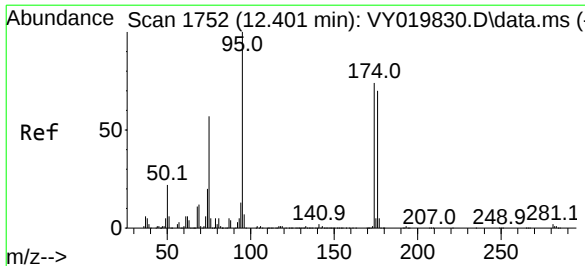
Delta R.T. 0.000 min

Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

Tgt Ion:	98	Resp:	246273
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 43.240 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

BF-F13-VOC

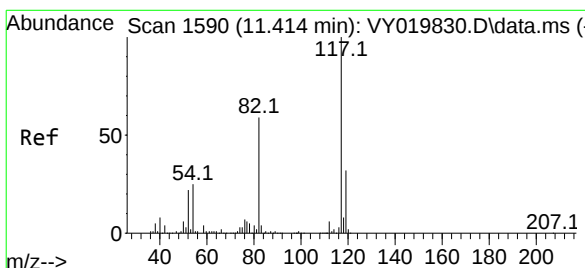
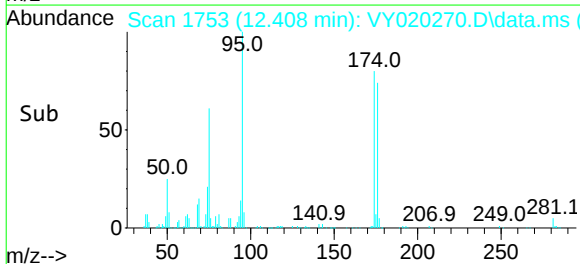
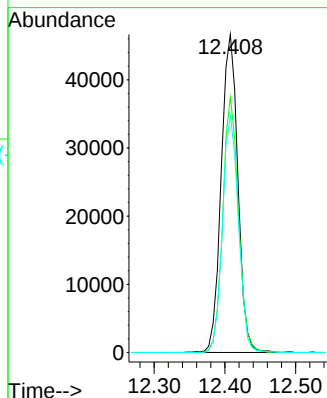
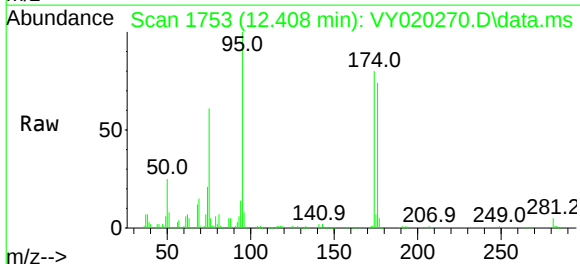
Tgt Ion: 95 Resp: 76120

Ion Ratio Lower Upper

95 100

174 76.1 0.0 175.6

176 71.5 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: VY020270.D

Acq: 12 Nov 2024 16:12

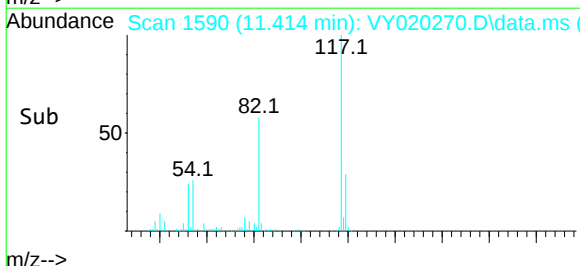
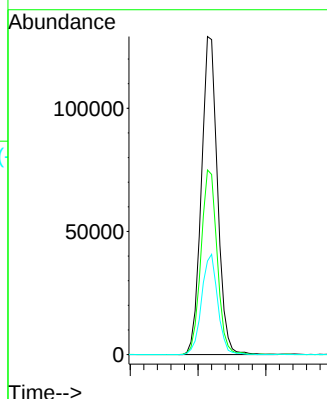
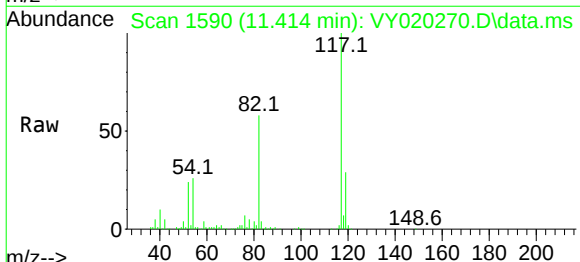
Tgt Ion: 117 Resp: 213118

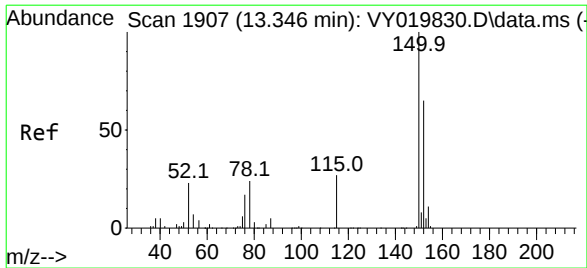
Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

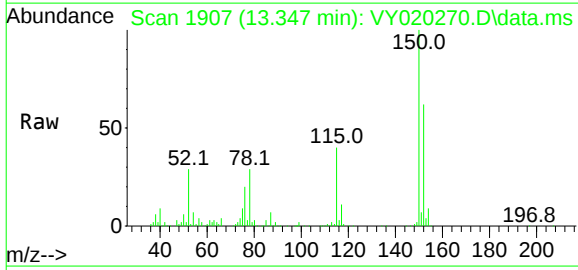
119 29.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020270.D
 Acq: 12 Nov 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F13-VOC



Tgt Ion:	152	Resp:	60069
Ion	Ratio	Lower	Upper
152	100		
115	63.8	28.2	84.7
150	160.5	0.0	345.6

