

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020042.D
 Acq On : 28 Oct 2024 16:28
 Operator : SY/MD
 Sample : P4561-07
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-18-VOC

Quant Time: Oct 29 01:59:47 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)

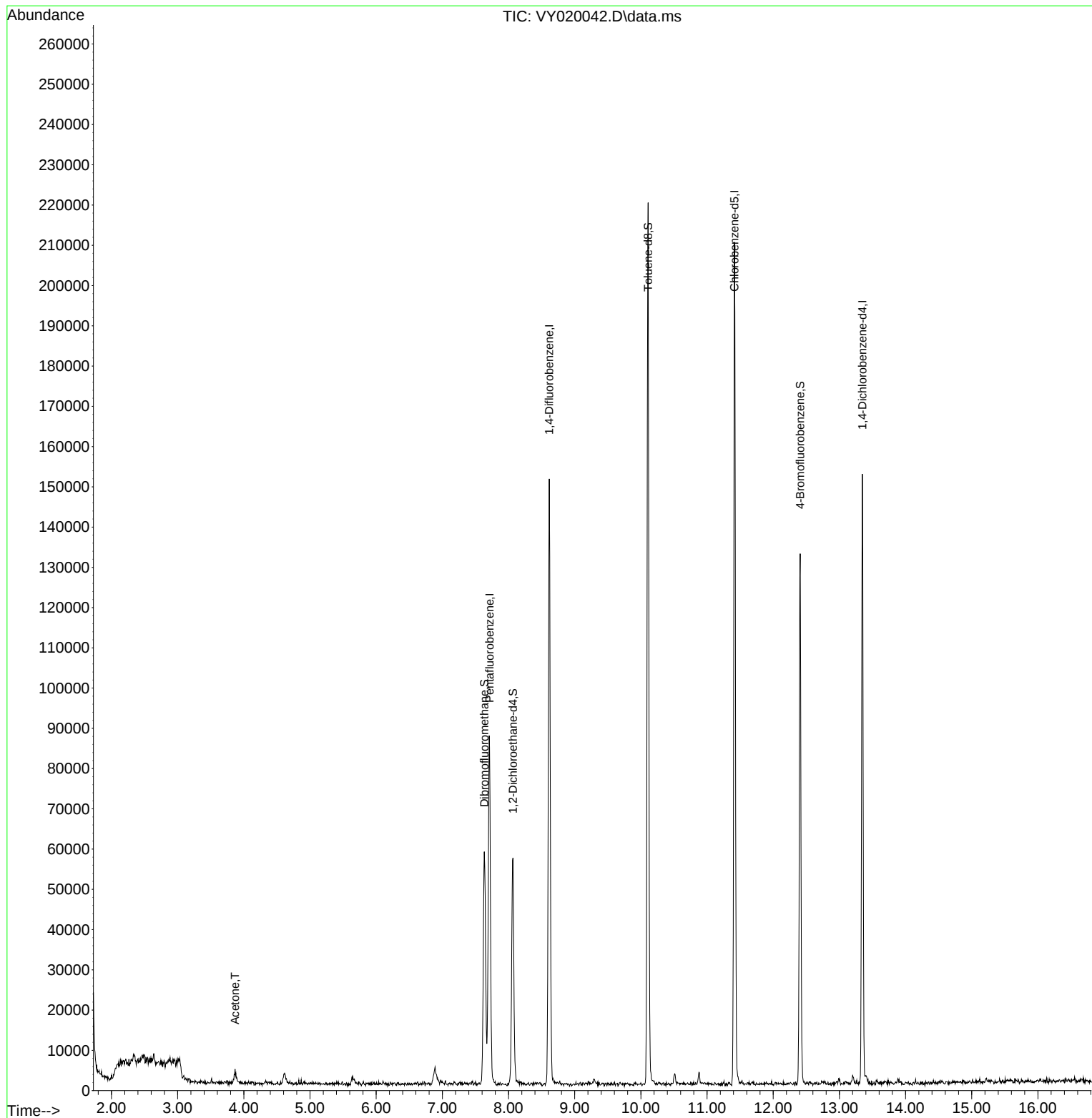
Internal Standards						
1) Pentafluorobenzene	7.713	168	59608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	116923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	103231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	44366	60.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.634	113	40851	52.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.109	98	140385	49.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.408	95	40431	39.271	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.540%
Target Compounds						
16) Acetone	3.866	43	4690	24.547	ug/l	Qvalue # 80

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

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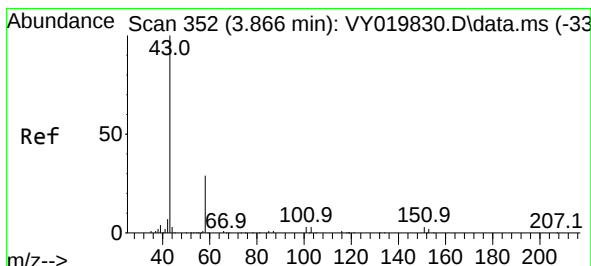
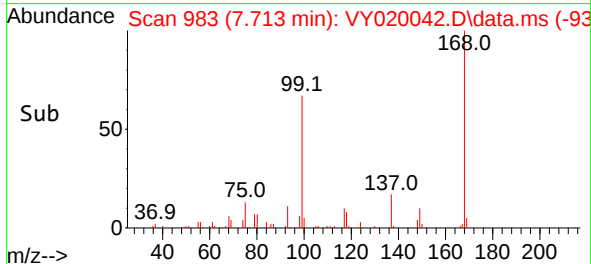
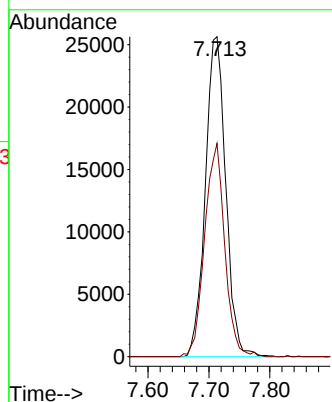
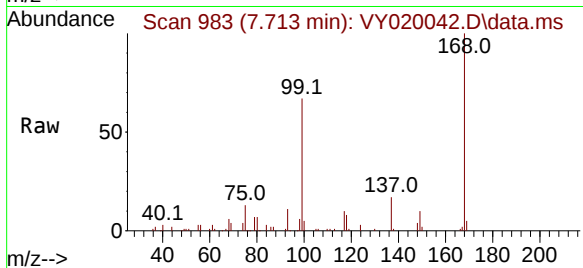




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020042.D
Acq: 28 Oct 2024 16:28

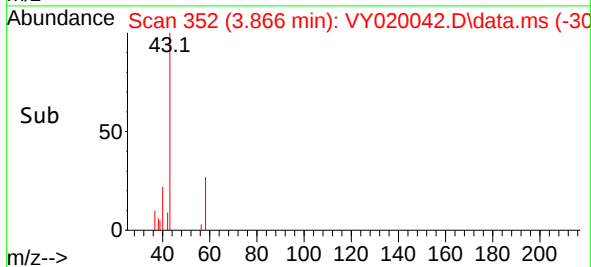
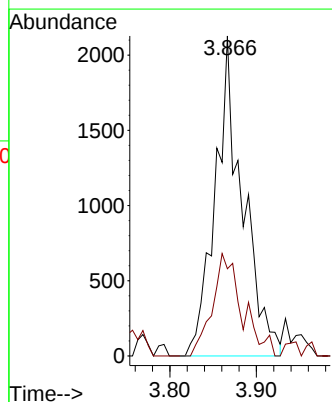
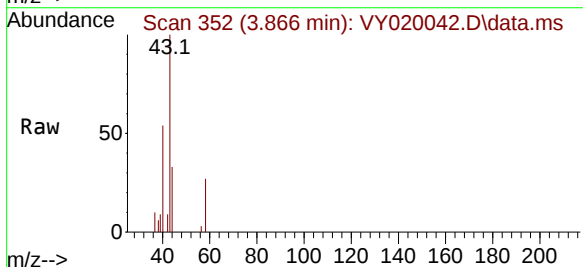
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-18-VOC

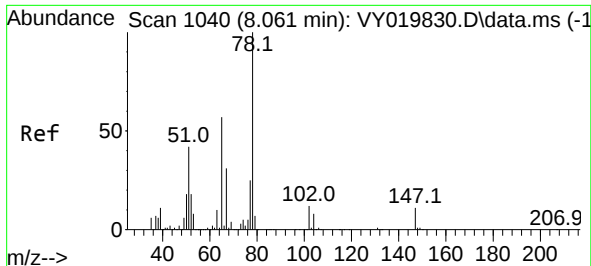
Tgt Ion:168 Resp: 59608
Ion Ratio Lower Upper
168 100
99 66.6 39.1 58.7#



#16
Acetone
Concen: 24.547 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020042.D
Acq: 28 Oct 2024 16:28

Tgt Ion: 43 Resp: 4690
Ion Ratio Lower Upper
43 100
58 27.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 60.448 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020042.D

Acq: 28 Oct 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

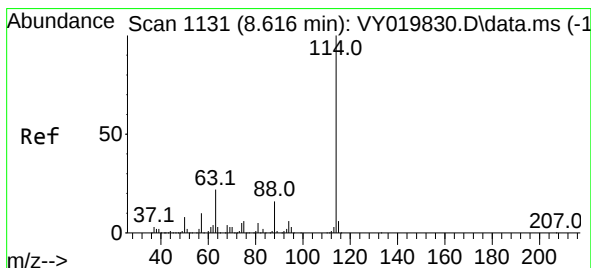
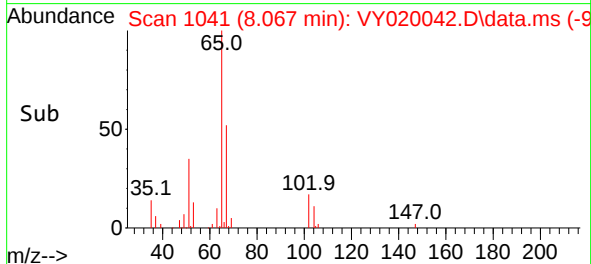
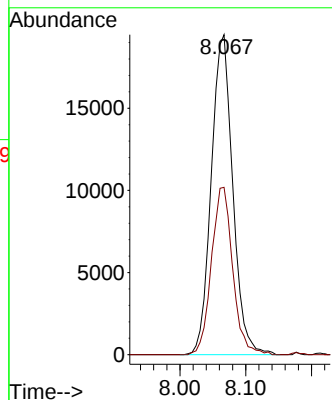
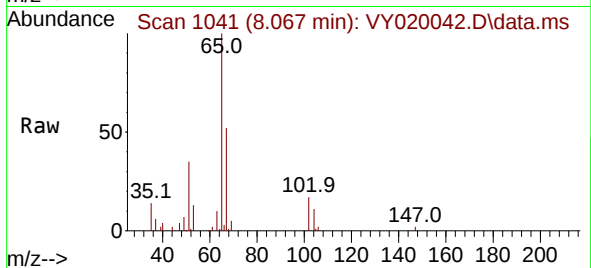
BP-F-18-VOC

Tgt Ion: 65 Resp: 44366

Ion Ratio Lower Upper

65 100

67 51.7 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: VY020042.D

Acq: 28 Oct 2024 16:28

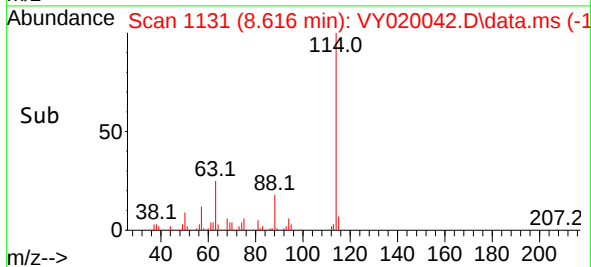
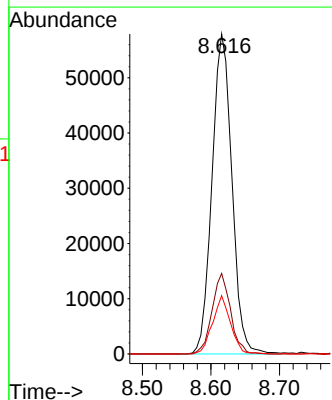
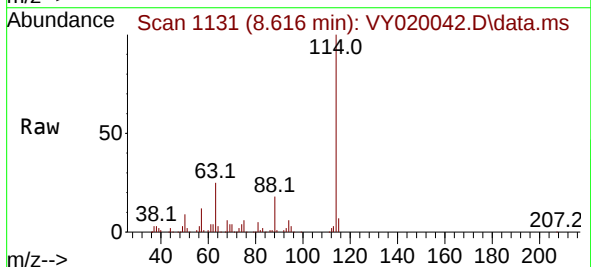
Tgt Ion: 114 Resp: 116923

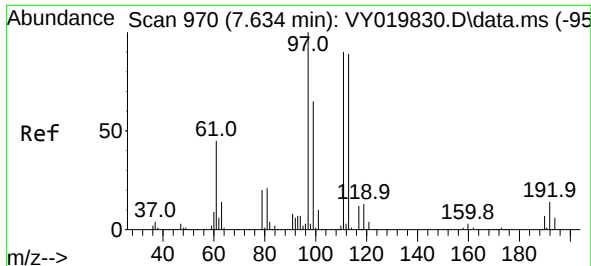
Ion Ratio Lower Upper

114 100

63 25.2 0.0 35.0

88 18.2 0.0 27.2

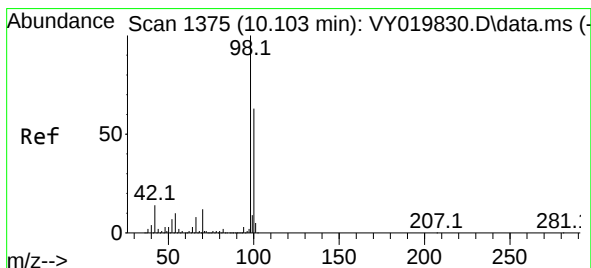
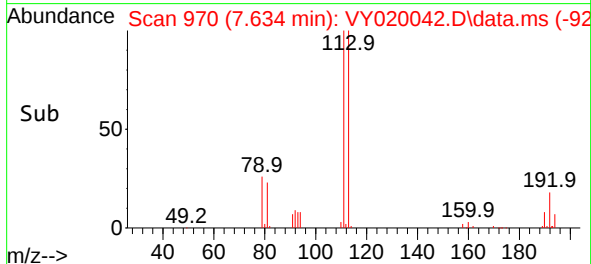
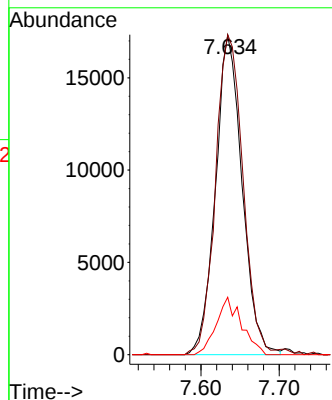
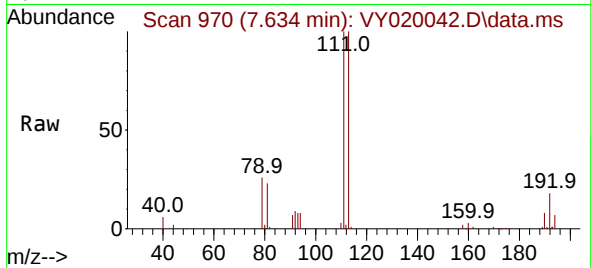




#35
Dibromofluoromethane
Concen: 52.946 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020042.D
Acq: 28 Oct 2024 16:28

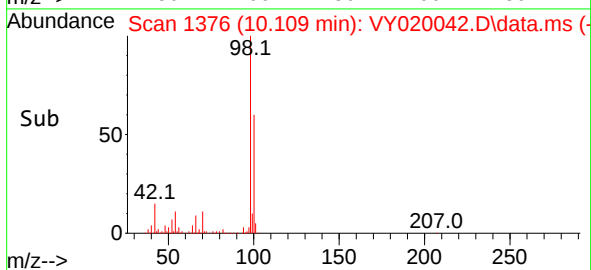
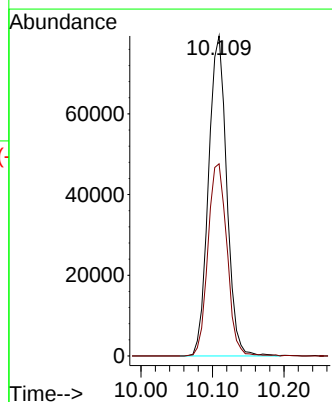
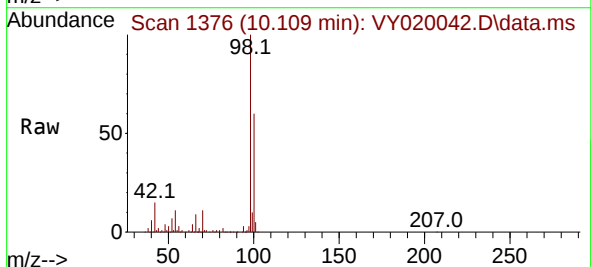
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-18-VOC

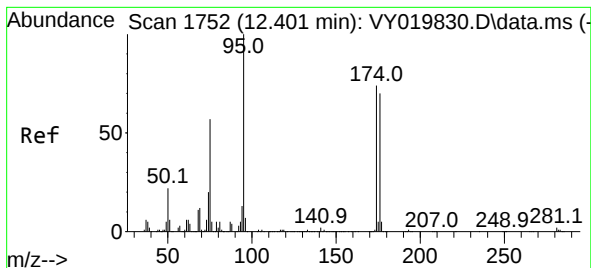
Tgt Ion:113 Resp: 40851
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.1 15.9 23.9



#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020042.D
Acq: 28 Oct 2024 16:28

Tgt Ion: 98 Resp: 140385
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 39.271 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020042.D

Acq: 28 Oct 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-18-VOC

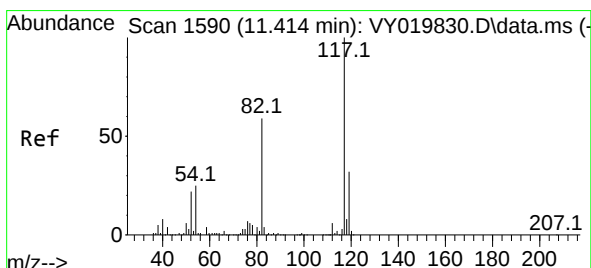
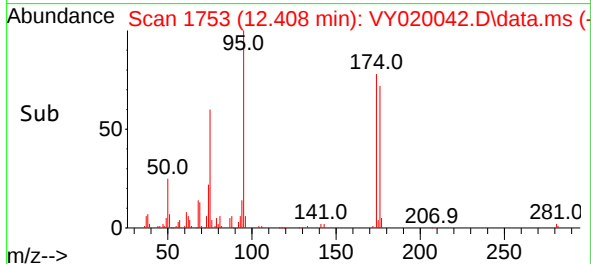
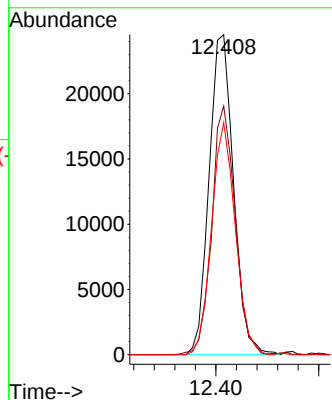
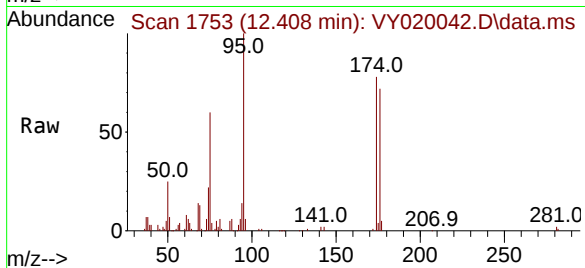
Tgt Ion: 95 Resp: 40431

Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 70.3 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: VY020042.D

Acq: 28 Oct 2024 16:28

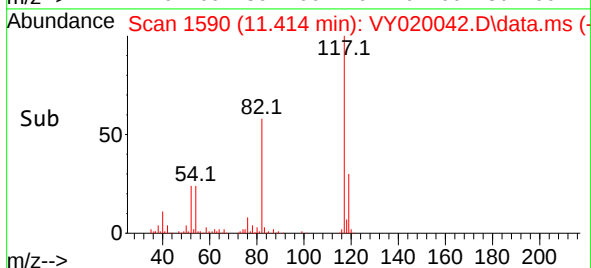
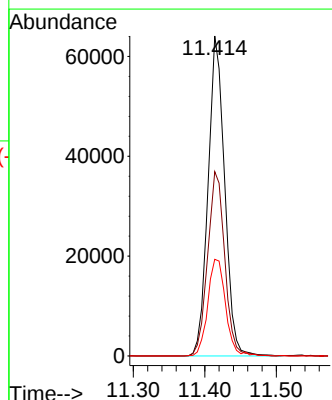
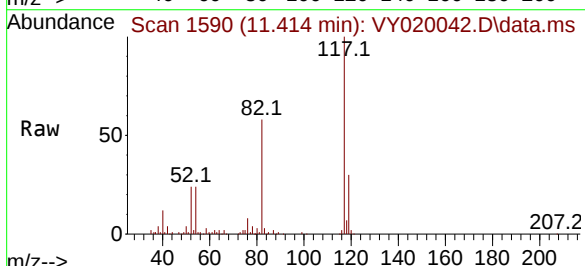
Tgt Ion: 117 Resp: 103231

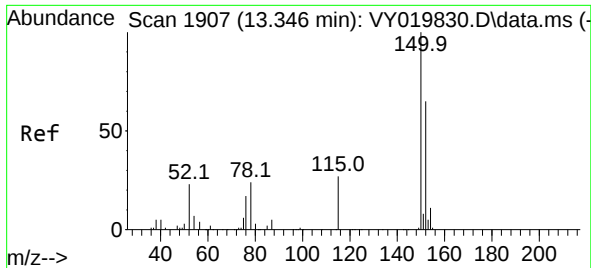
Ion Ratio Lower Upper

117 100

82 57.6 42.4 63.6

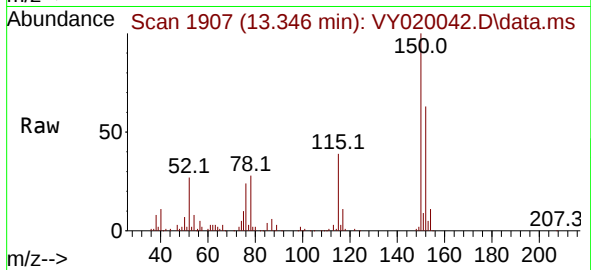
119 30.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020042.D
 Acq: 28 Oct 2024 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-18-VOC



Tgt Ion:	152	Resp:	33342
Ion	Ratio	Lower	Upper
152	100		
115	64.5	28.2	84.7
150	161.9	0.0	345.6

