

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019951.D
 Acq On : 18 Oct 2024 14:24
 Operator : SY/MD
 Sample : P4419-03
 Misc : 3.11g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-1-VOC

Quant Time: Oct 18 23:33:11 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	7.707	168	2620	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	4317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2035	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1755	54.402	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.800%
35) Dibromofluoromethane	7.640	113	1477	51.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.700%
50) Toluene-d8	10.109	98	4465	42.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.880%
62) 4-Bromofluorobenzene	12.414	95	473	12.443	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	24.880%#

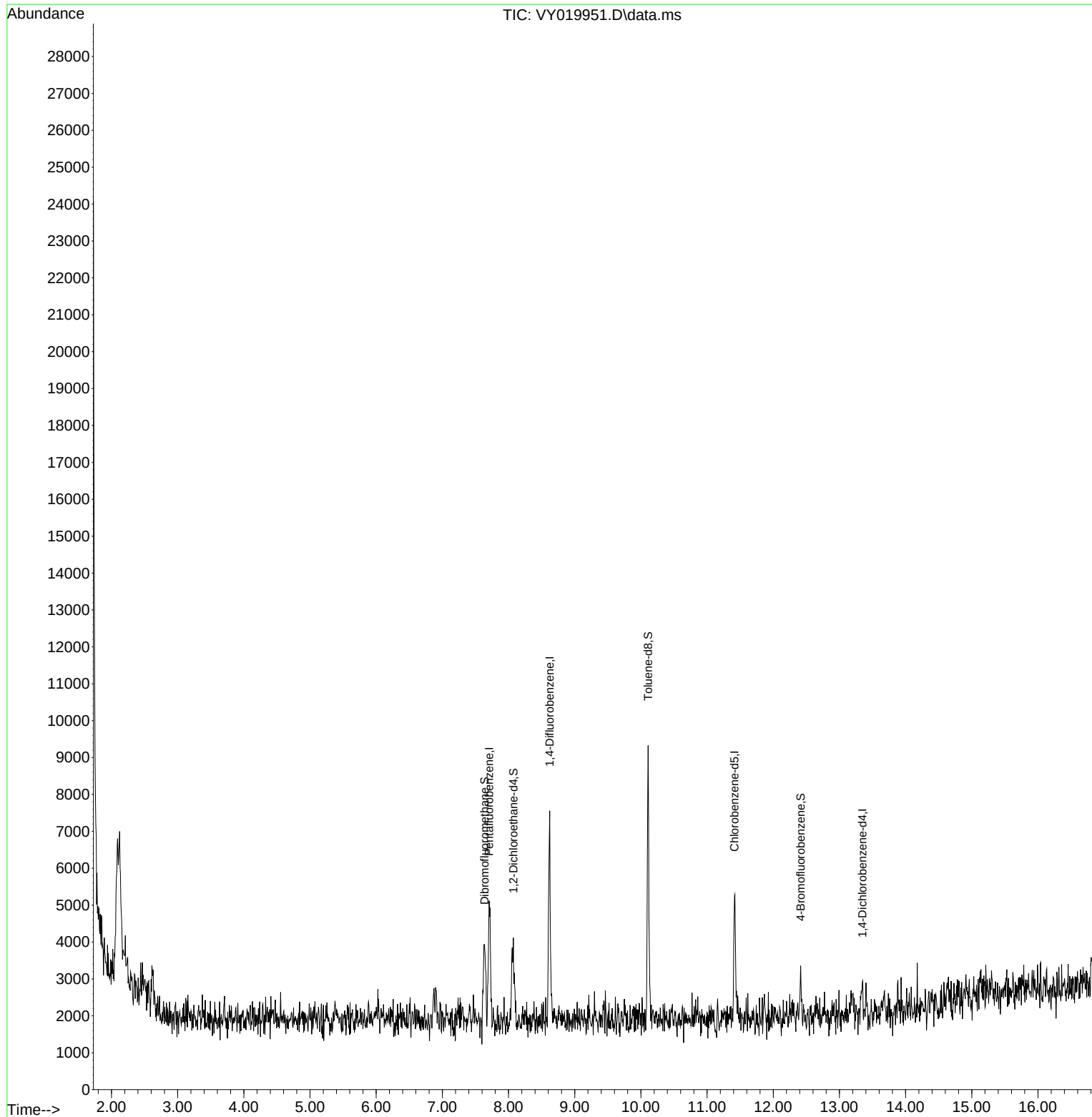
Target Compounds	Qvalue

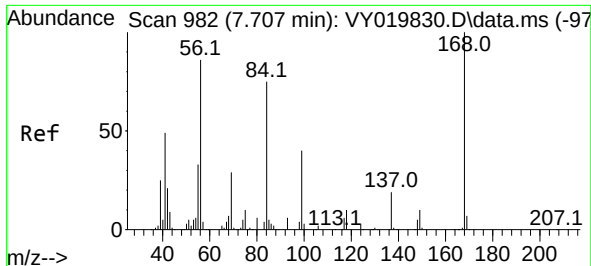
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
Data File : VY019951.D
Acq On : 18 Oct 2024 14:24
Operator : SY/MD
Sample : P4419-03
Misc : 3.11g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IB-1-VOC

Quant Time: Oct 18 23:33:11 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

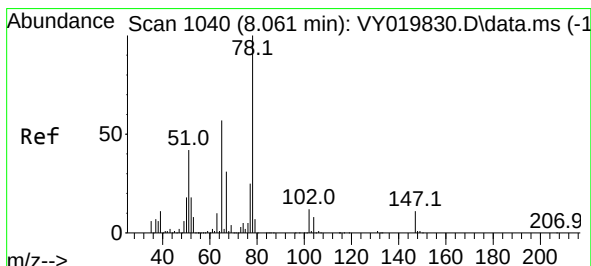
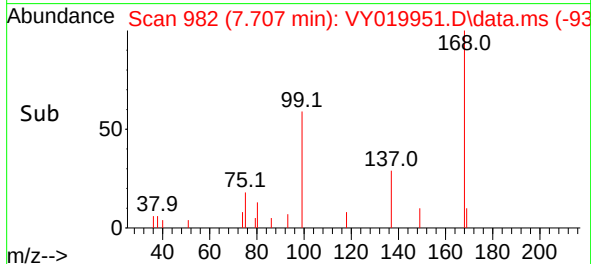
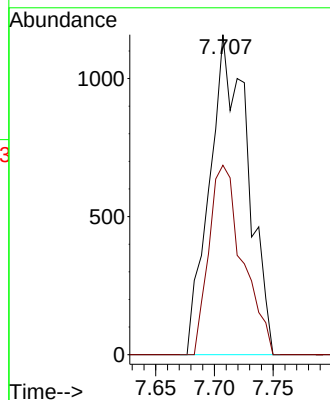
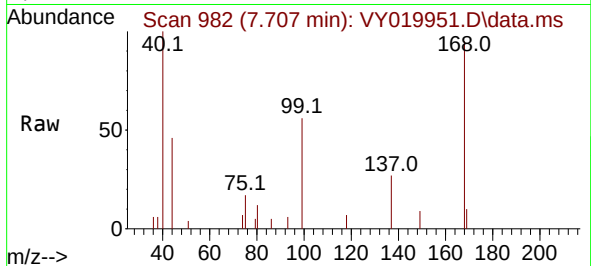




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019951.D
Acq: 18 Oct 2024 14:24

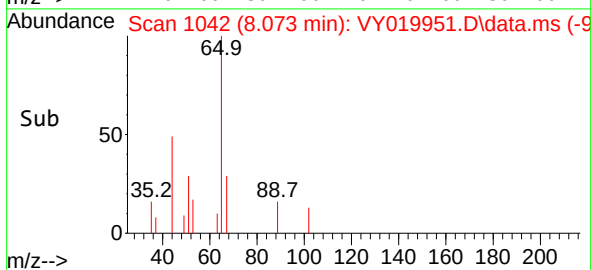
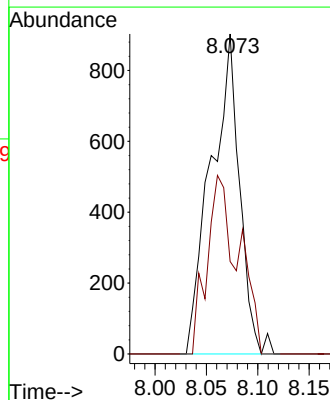
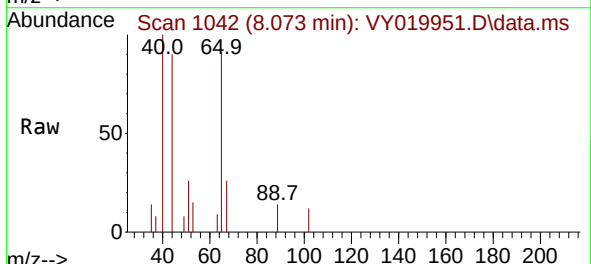
Instrument :
MSVOA_Y
ClientSampleId :
IB-1-VOC

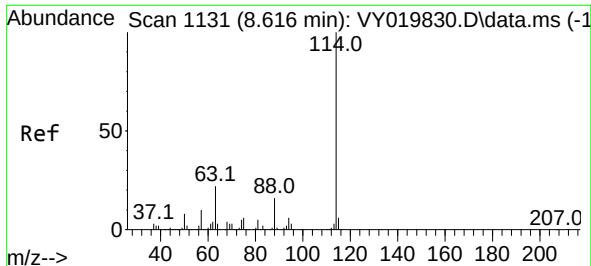
Tgt Ion:168 Resp: 2620
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.402 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY019951.D
Acq: 18 Oct 2024 14:24

Tgt Ion: 65 Resp: 1755
Ion Ratio Lower Upper
65 100
67 46.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019951.D

Acq: 18 Oct 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

IB-1-VOC

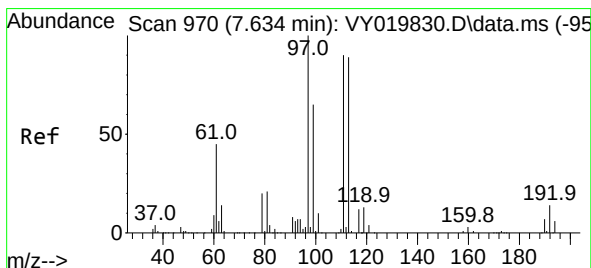
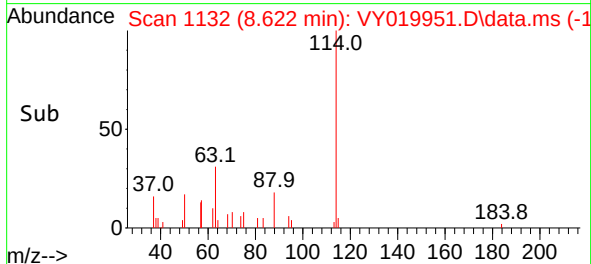
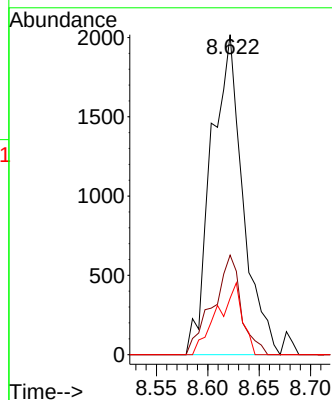
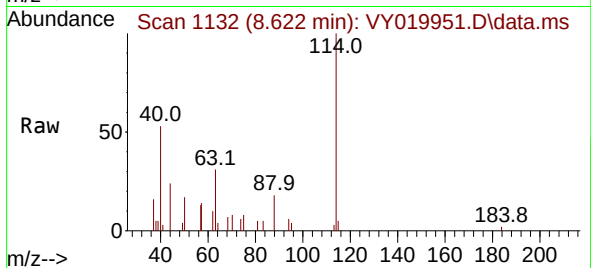
Tgt Ion:114 Resp: 4317

Ion Ratio Lower Upper

114 100

63 31.1 0.0 35.0

88 17.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.847 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019951.D

Acq: 18 Oct 2024 14:24

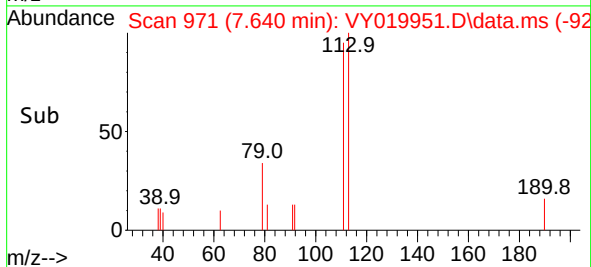
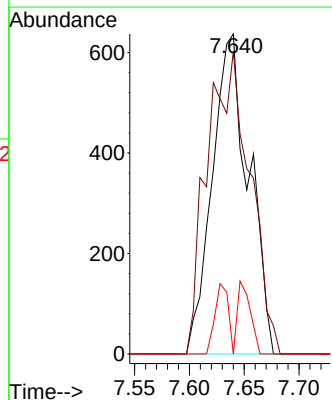
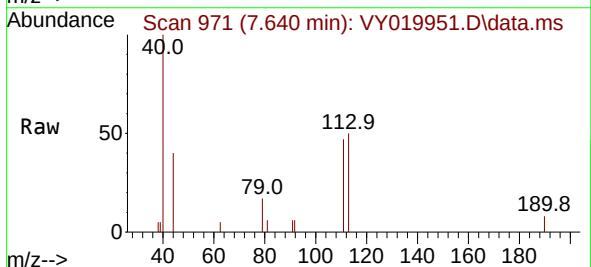
Tgt Ion:113 Resp: 1477

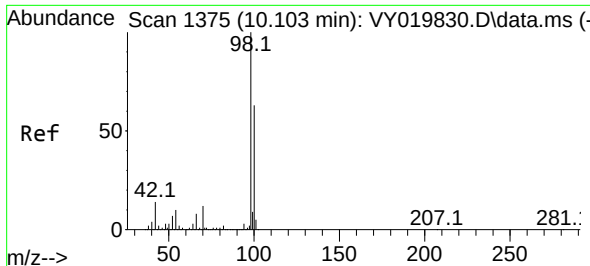
Ion Ratio Lower Upper

113 100

111 110.3 82.2 123.4

192 7.9 15.9 23.9#

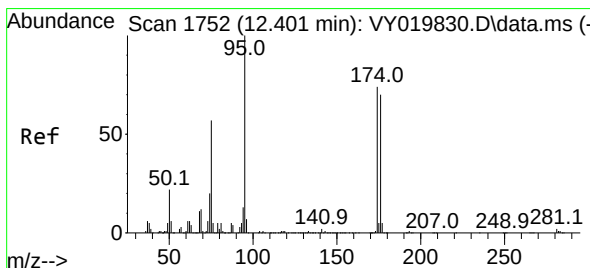
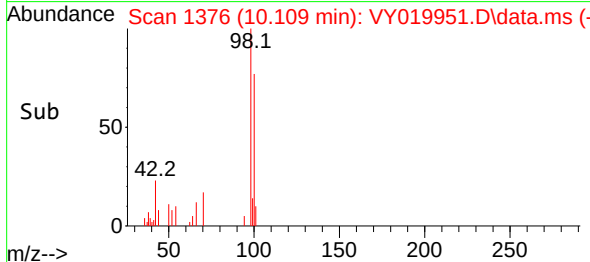
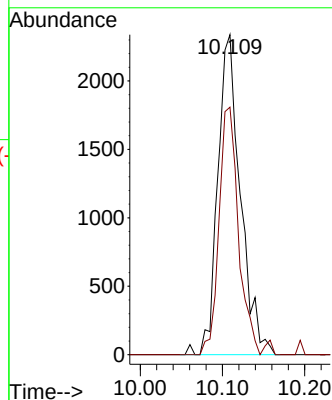
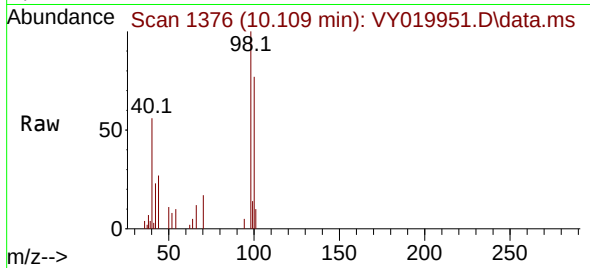




#50
Toluene-d8
Concen: 42.443 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019951.D
Acq: 18 Oct 2024 14:24

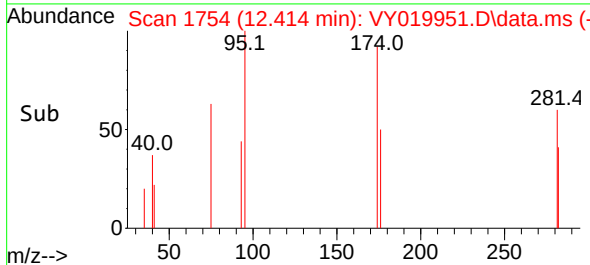
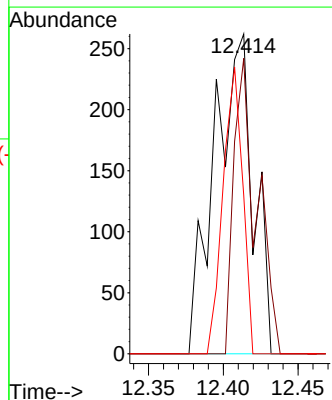
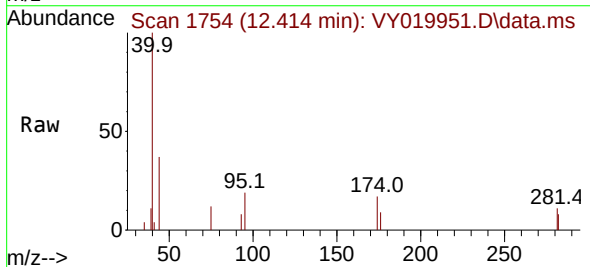
Instrument :
MSVOA_Y
ClientSampleId :
IB-1-VOC

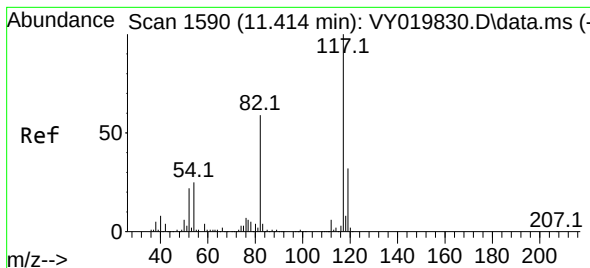
Tgt Ion: 98 Resp: 4465
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 12.443 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY019951.D
Acq: 18 Oct 2024 14:24

Tgt Ion: 95 Resp: 473
Ion Ratio Lower Upper
95 100
174 54.3 0.0 175.6
176 45.2 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: VY019951.D

Acq: 18 Oct 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

IB-1-VOC

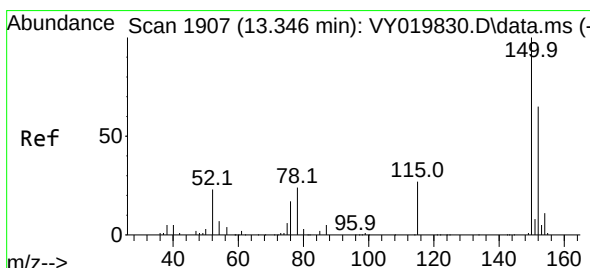
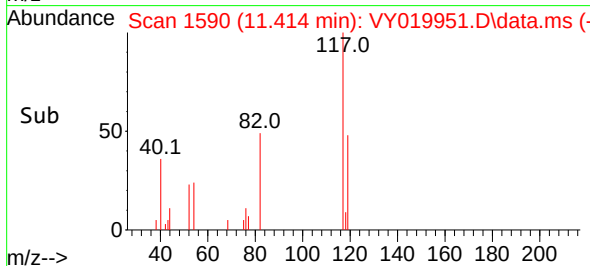
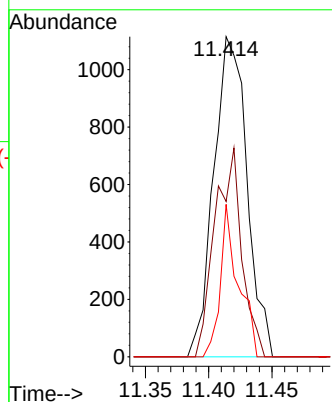
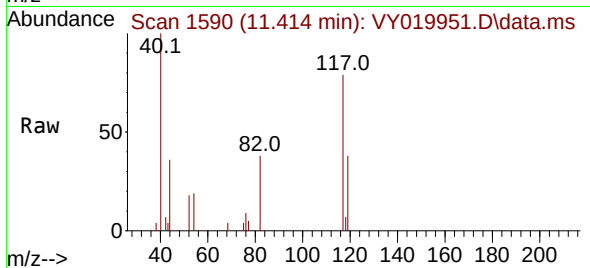
Tgt Ion:117 Resp: 2035

Ion Ratio Lower Upper

117 100

82 48.5 42.4 63.6

119 47.6 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: VY019951.D

Acq: 18 Oct 2024 14:24

Tgt Ion:152 Resp: 192

Ion Ratio Lower Upper

152 100

115 101.6 28.2 84.7#

150 285.9 0.0 345.6

