

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019799.D
 Acq On : 04 Oct 2024 14:54
 Operator : SY/MD
 Sample : P4270-03
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-2-VOC

Quant Time: Oct 04 23:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	249015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	483106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	434414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	163453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157550	68.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.660%
35) Dibromofluoromethane	7.634	113	155475	56.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.520%
50) Toluene-d8	10.103	98	575753	56.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.660%
62) 4-Bromofluorobenzene	12.402	95	187002	48.003	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.000%

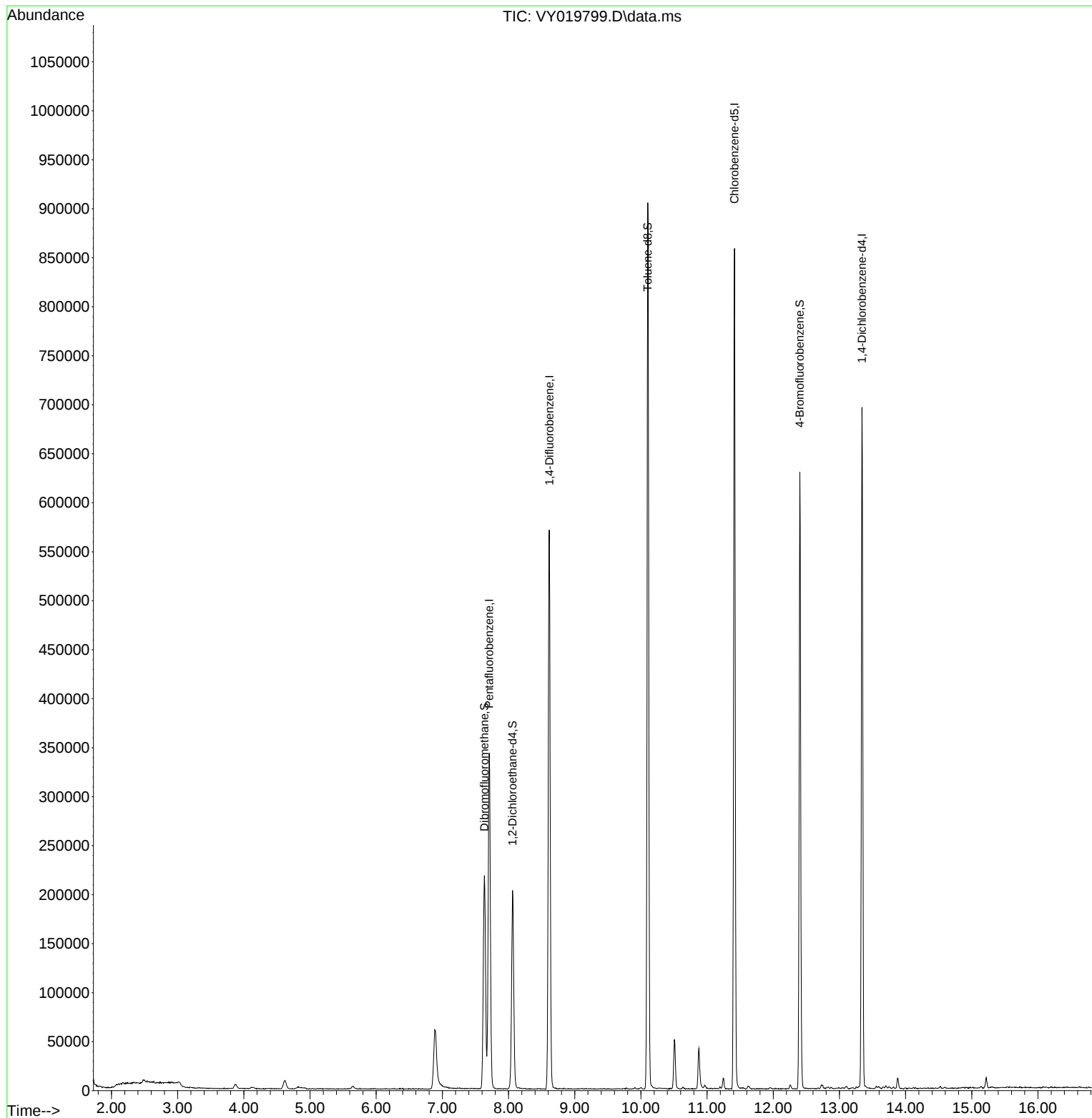
Target Compounds	Qvalue

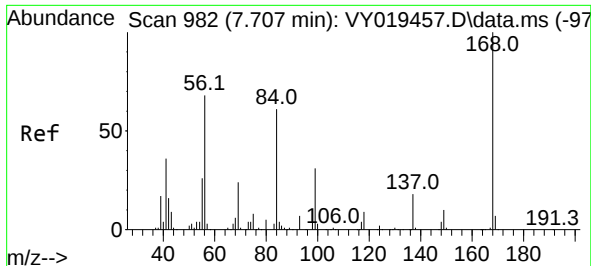
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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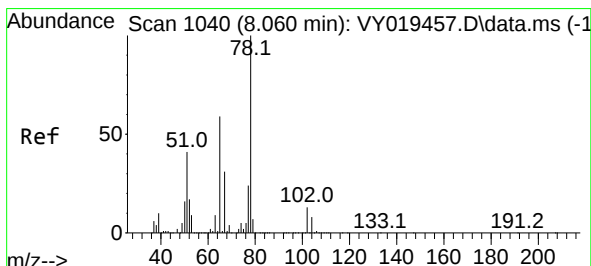
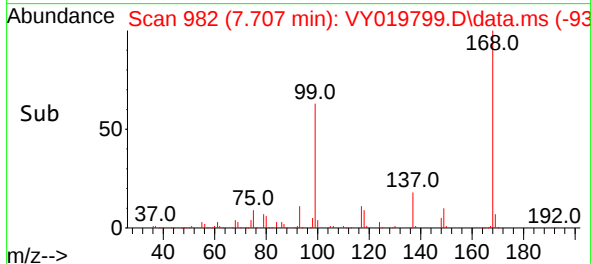
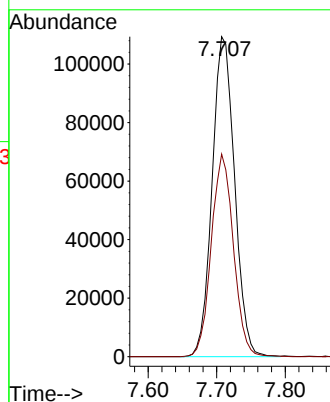
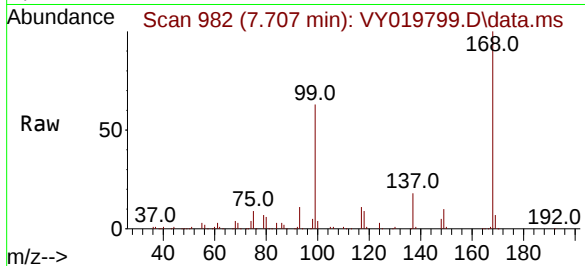




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

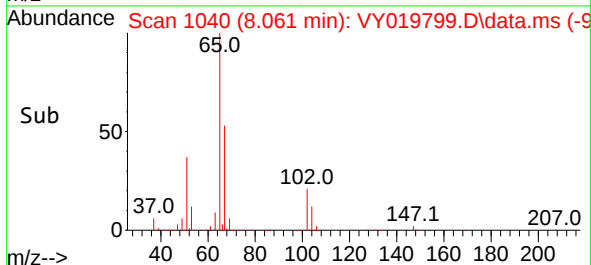
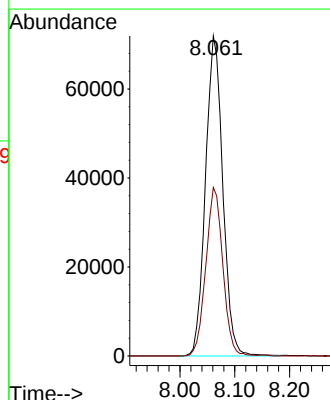
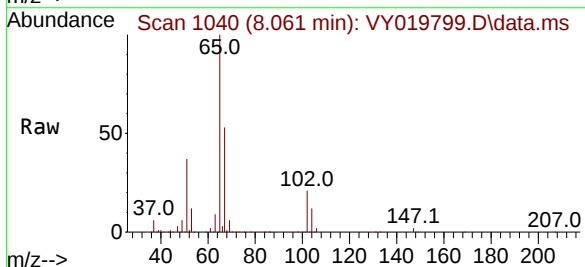
Instrument :
MSVOA_Y
ClientSampleId :
IB-2-VOC

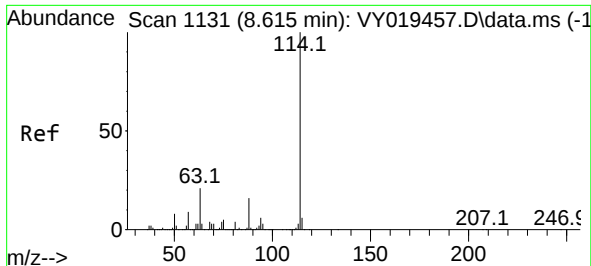
Tgt Ion:168 Resp: 249015
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 68.327 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 65 Resp: 157550
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

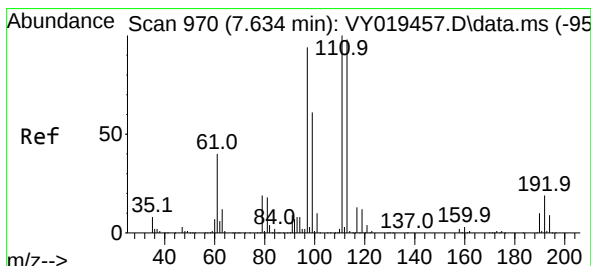
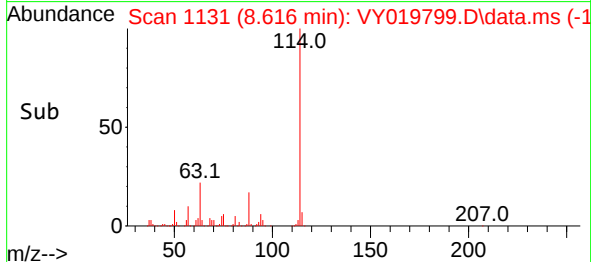
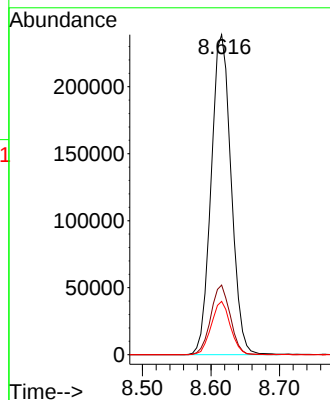
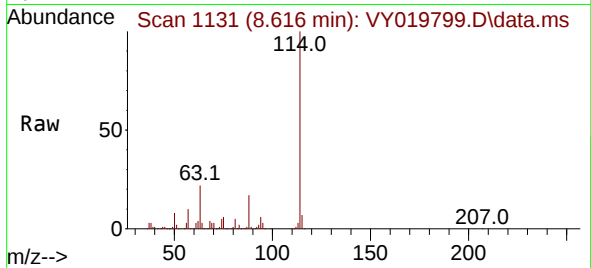




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

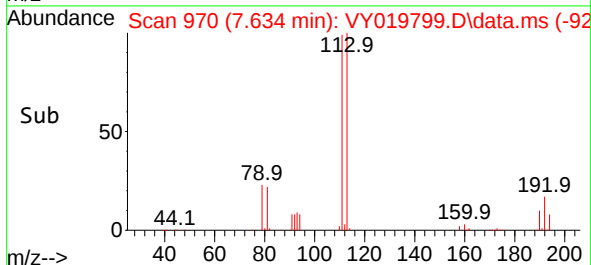
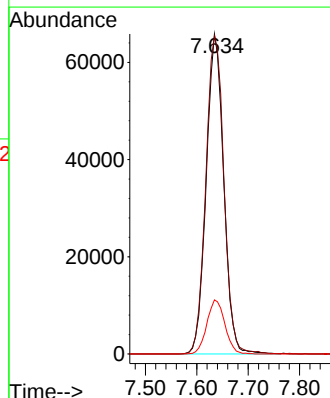
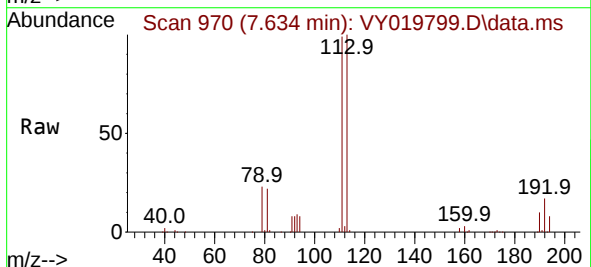
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IB-2-VOC

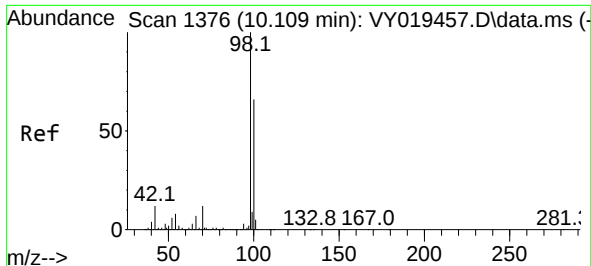
Tgt Ion:114 Resp: 483106
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.761 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion:113 Resp: 155475
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.5 15.9 23.9

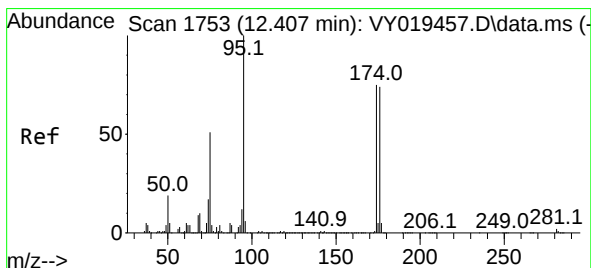
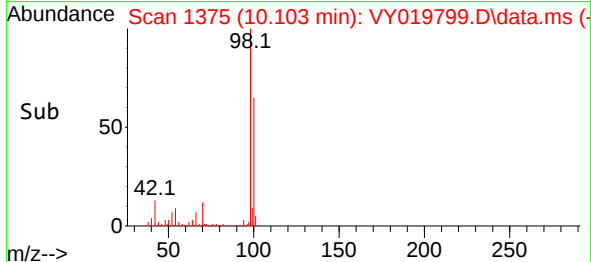
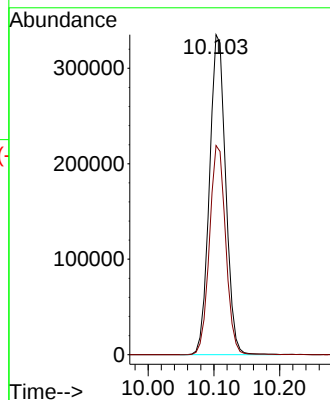
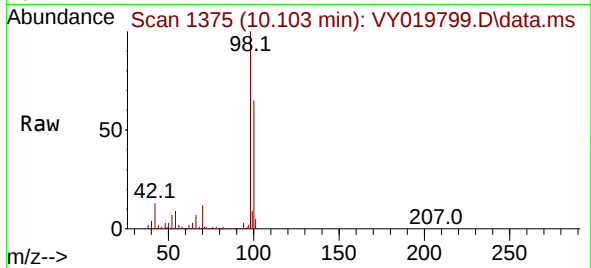




#50
Toluene-d8
Concen: 56.829 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

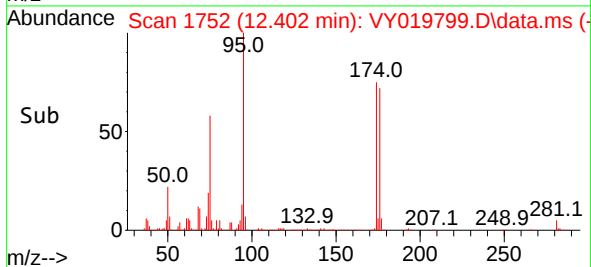
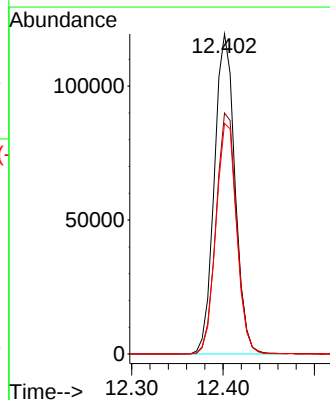
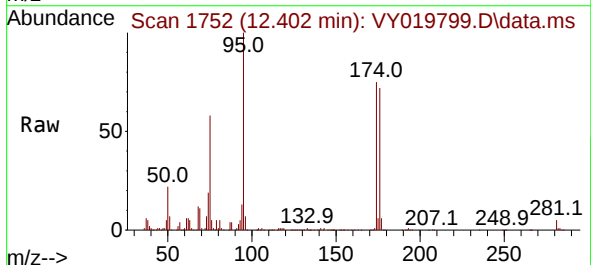
Instrument :
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ClientSampleId :
IB-2-VOC

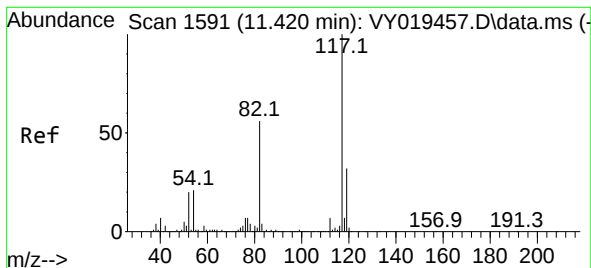
Tgt Ion: 98 Resp: 575753
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 95 Resp: 187002
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

IB-2-VOC

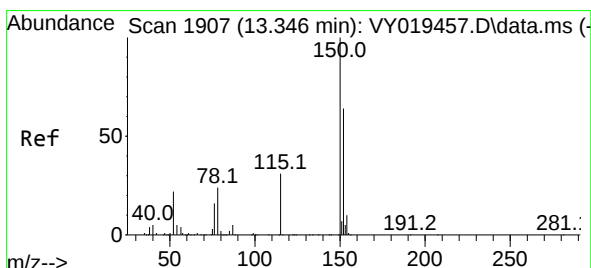
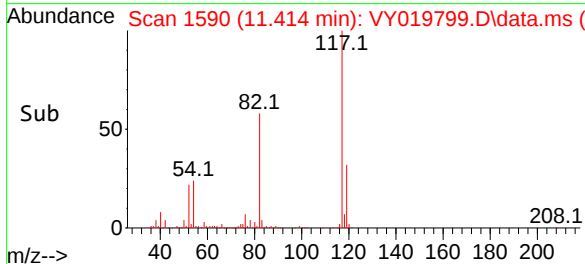
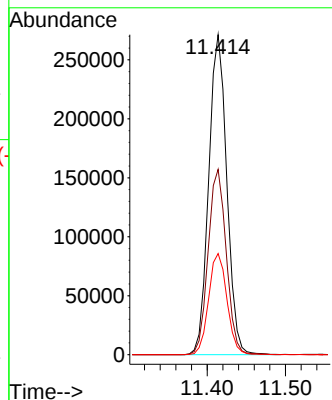
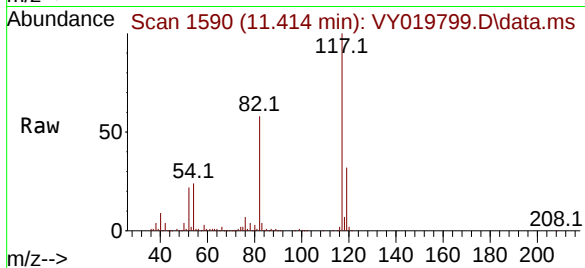
Tgt Ion:117 Resp: 434414

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Tgt Ion:152 Resp: 163453

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 155.1 0.0 345.6

