

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000437.D
 Acq On : 25 Oct 2019 18:24
 Operator : SY/MD
 Sample : K5540-02
 Misc : 3.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 154-82-(2)

Quant Time: Oct 26 03:09:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	184837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	316585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107888	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.73	113	95567	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.18	98	369838	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.48	95	123316	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	

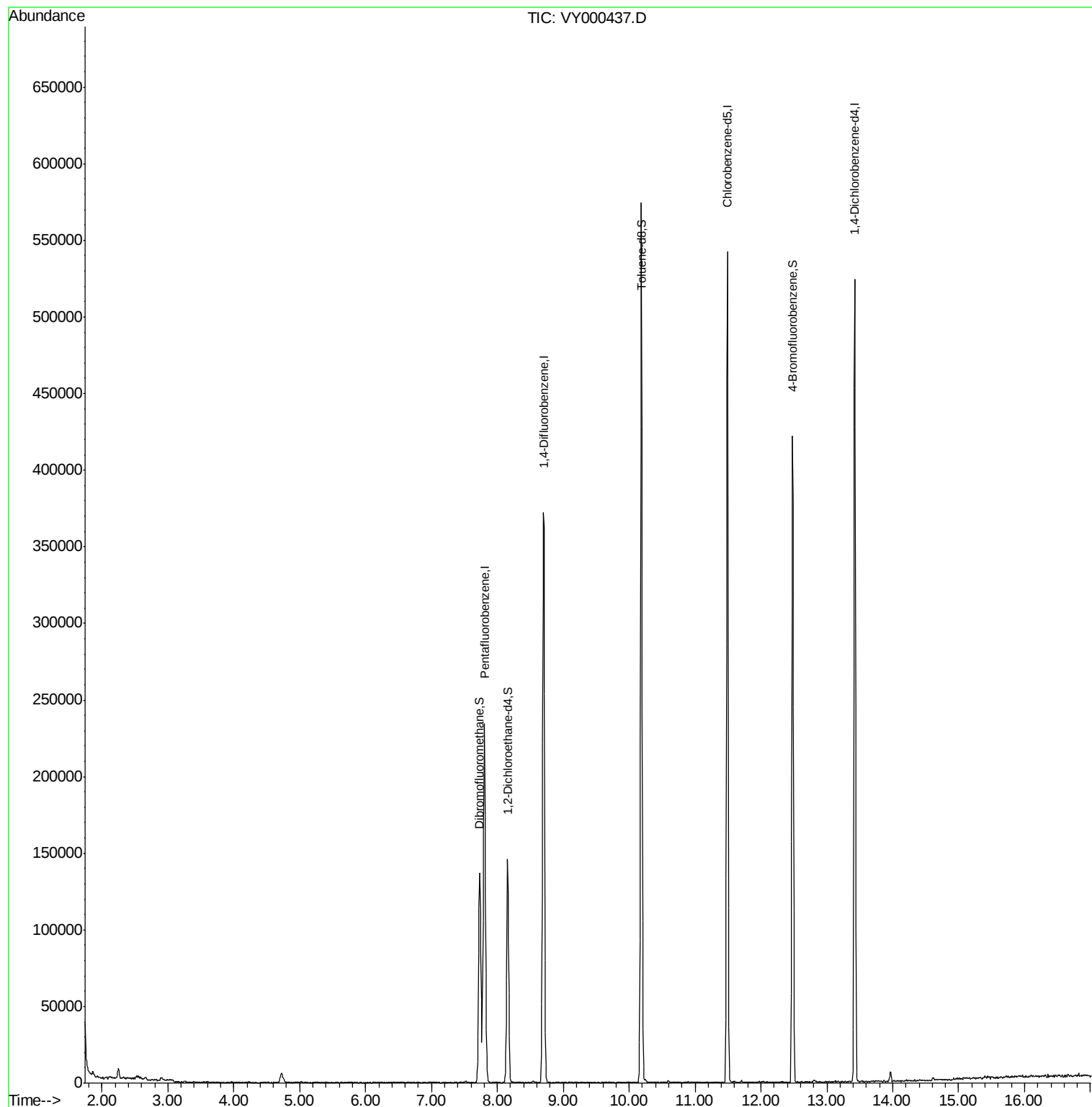
Target Compounds	Qvalue

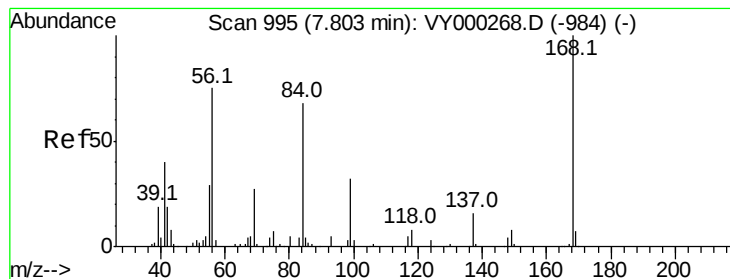
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

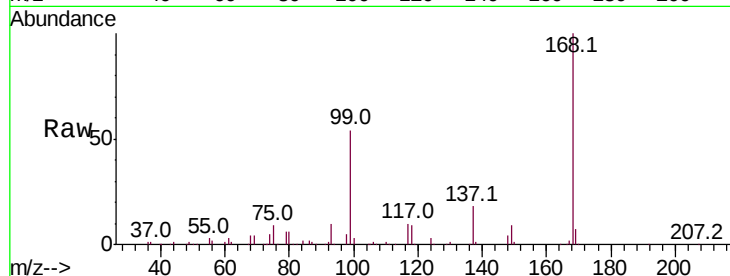
Instrument :
MSVOA_Y
ClientSampleId :
154-82-(2)

Tot Ion:168 Resp: 184837

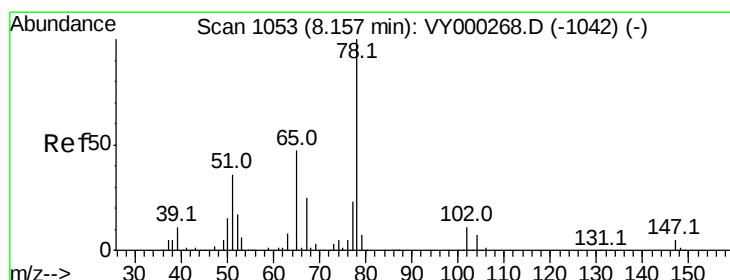
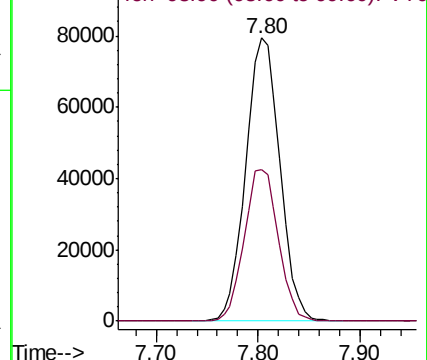
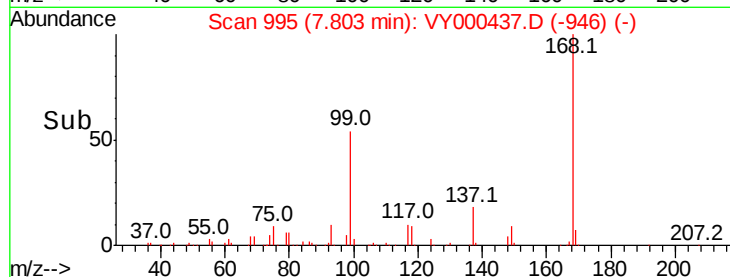
Ion Ratio Lower Upper

168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000437.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.335 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000437.D

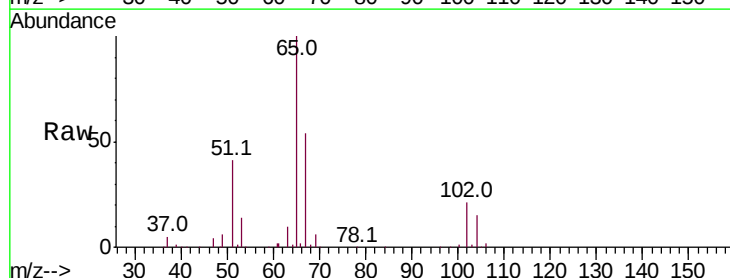
Acq: 25 Oct 2019 18:24

Tgt Ion: 65 Resp: 107888

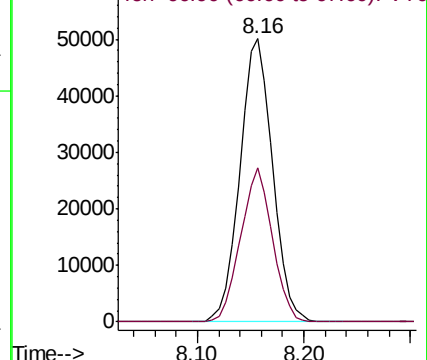
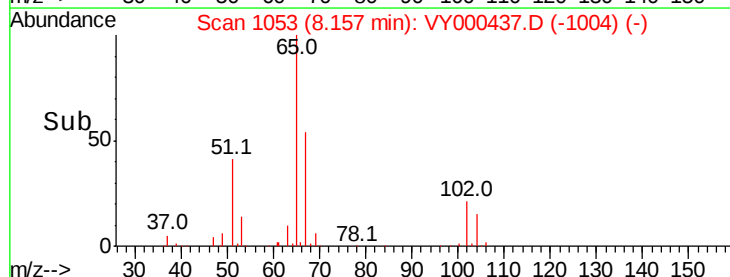
Ion Ratio Lower Upper

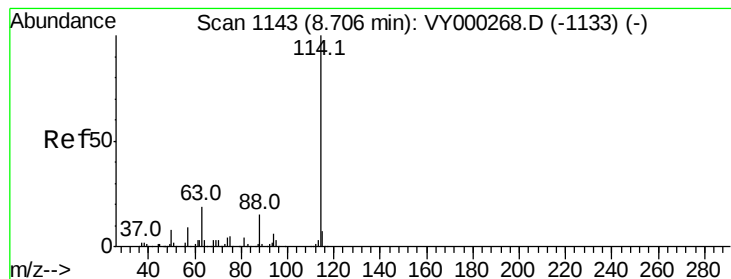
65 100

67 52.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000437.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

154-82-(2)

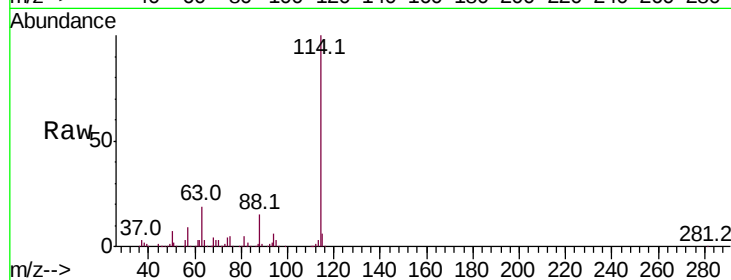
Tot Ion:114 Resp: 316585

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.2

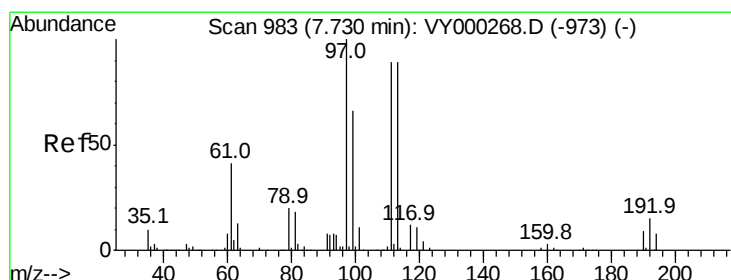
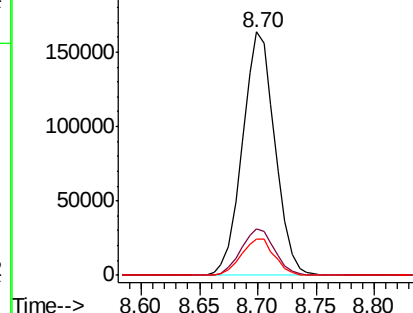
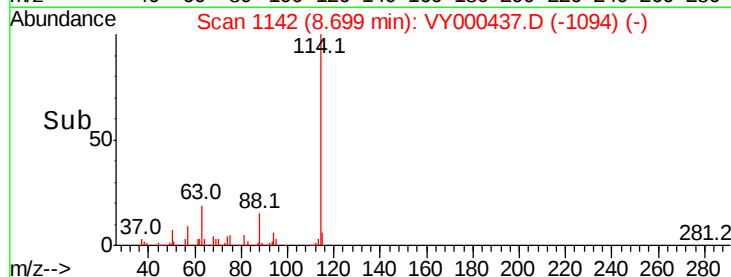
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.044 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

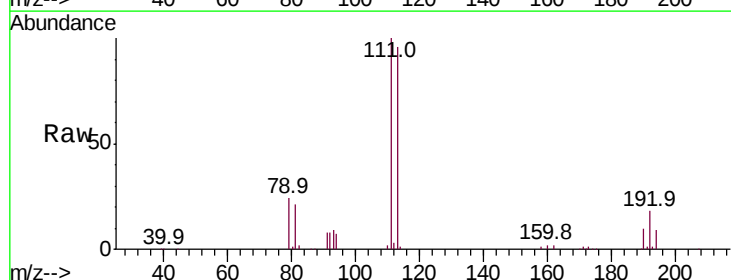
Tgt Ion:113 Resp: 95567

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

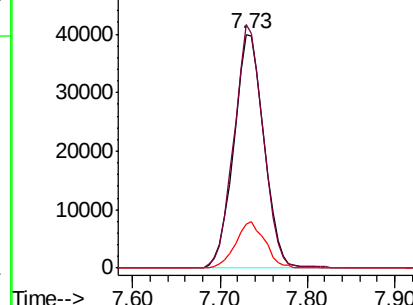
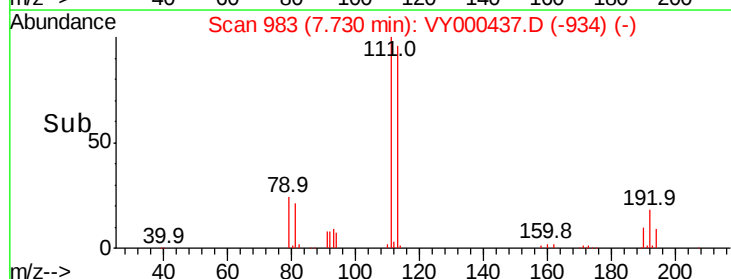
192 19.4 15.3 22.9

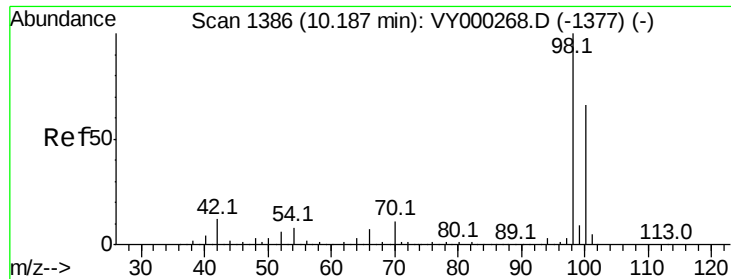


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.345 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

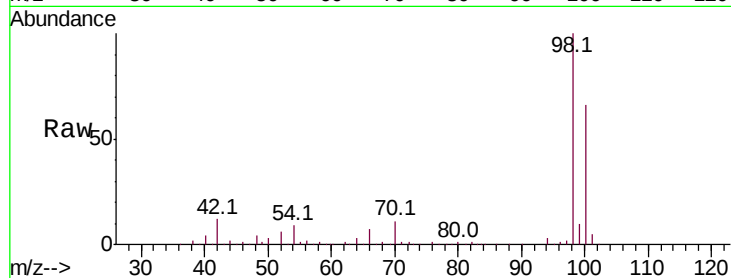
154-82-(2)

Tot Ion: 98 Resp: 369838

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000268.D (-1377) (-)

10.18

250000

200000

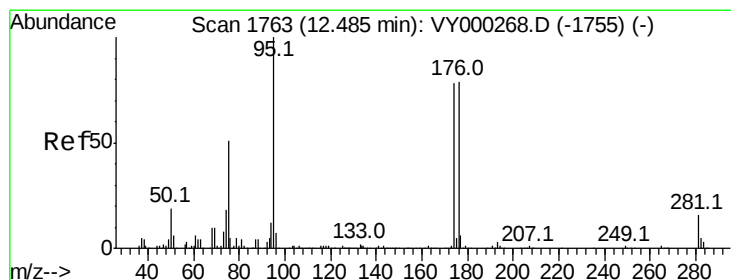
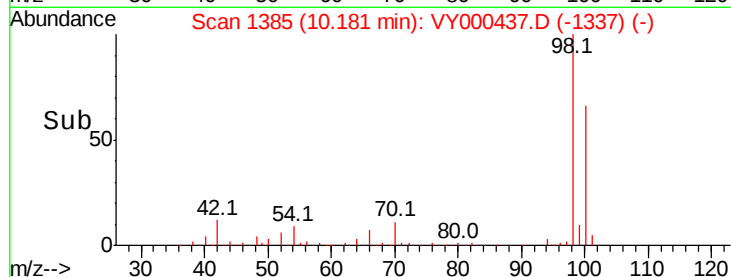
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.186 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

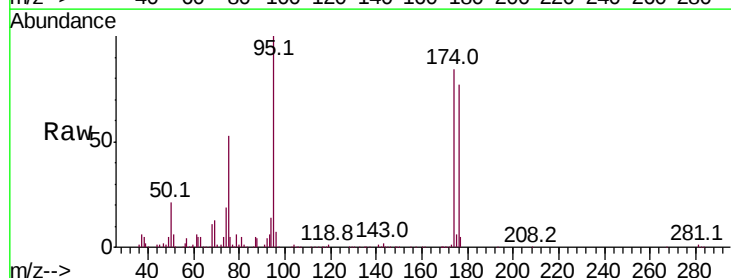
Tgt Ion: 95 Resp: 123316

Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

176 79.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

12.48

100000

80000

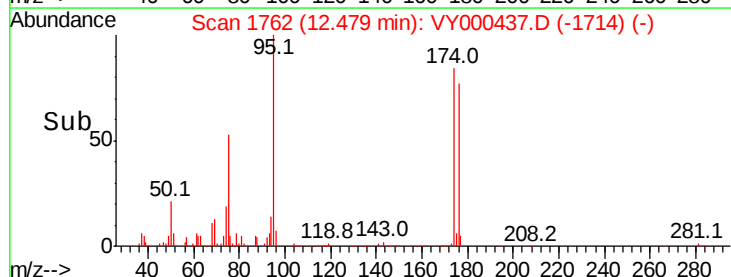
60000

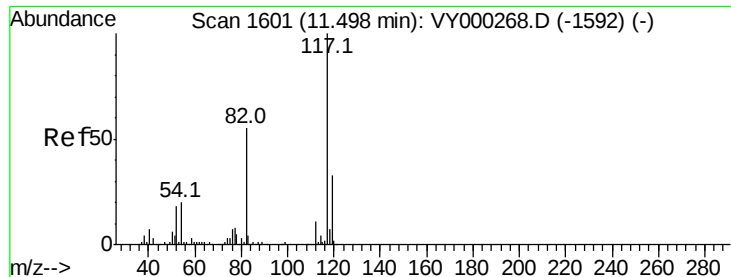
40000

20000

0

Time-->

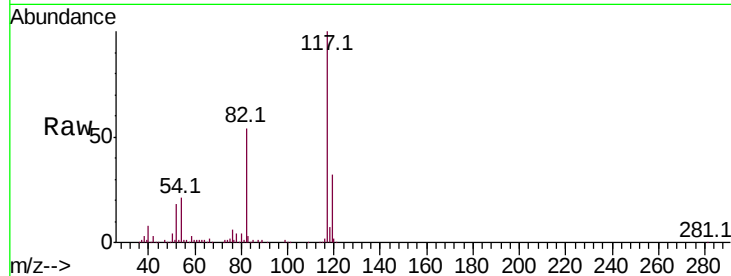




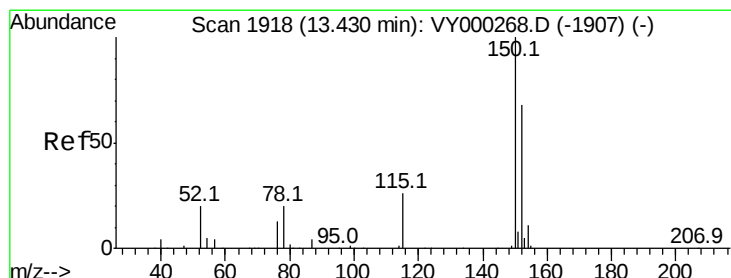
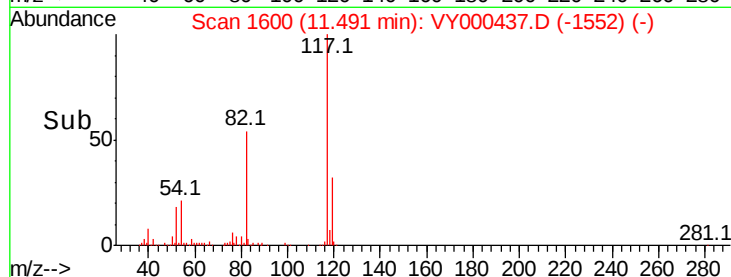
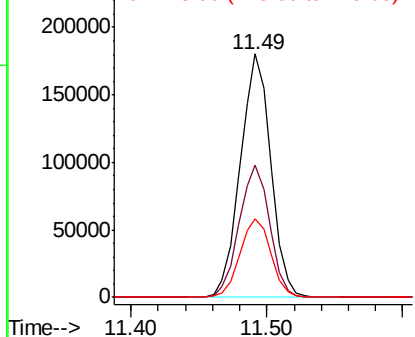
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :
154-82-(2)

Tot Ion:117 Resp: 282086
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.1 26.6 39.8

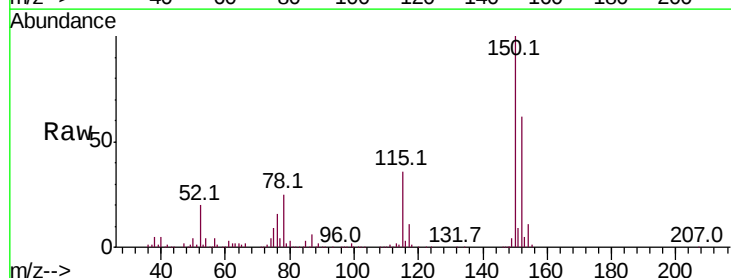


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Tgt Ion:152 Resp: 125384
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 160.6 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

