

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000328.D
 Acq On : 16 Oct 2019 14:35
 Operator : SY/MD
 Sample : K5393-23
 Misc : 6.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-9-U3-(28)

Quant Time: Oct 17 01:51:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	466751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154178	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.73	113	136482	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	10.19	98	538506	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.48	95	151079	36.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.44%	

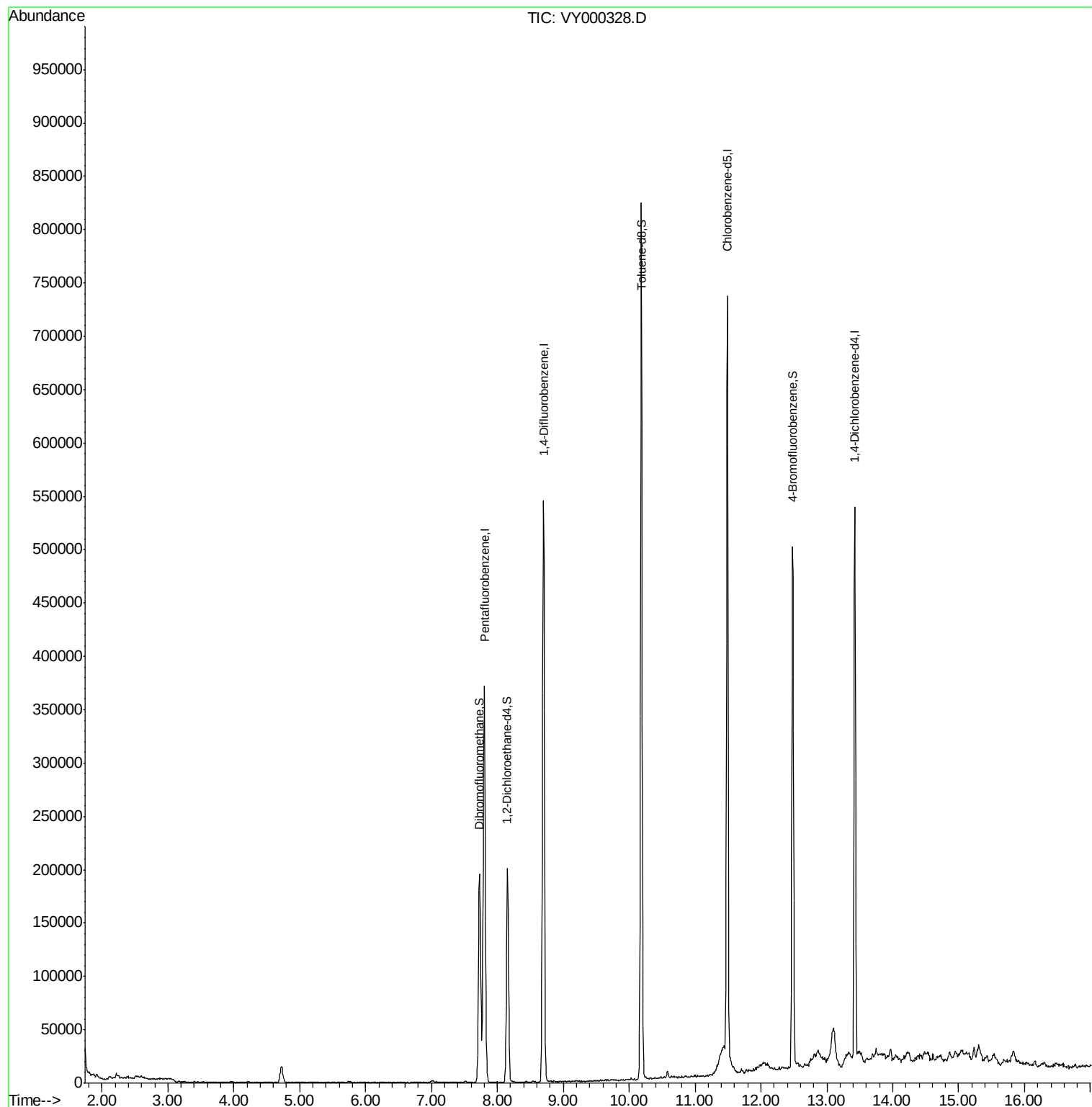
Target Compounds	Qvalue

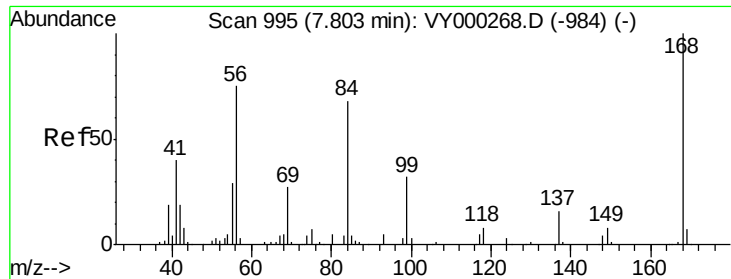
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000328.D

Acq: 16 Oct 2019 14:35

Instrument :

MSVOA_Y

ClientSampled :

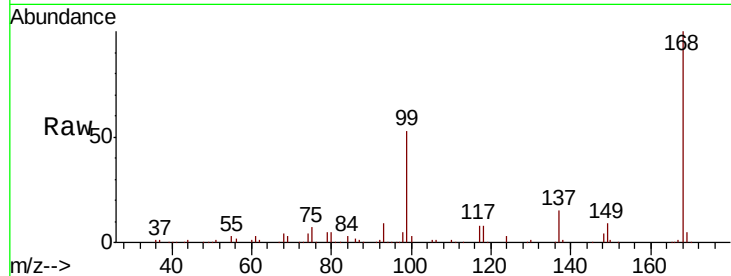
T-9-U3-(28)

Tot Ion:168 Resp: 283684

Ion Ratio Lower Upper

168 100

99 52.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000328.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000328.D (-946) (-)

7.80

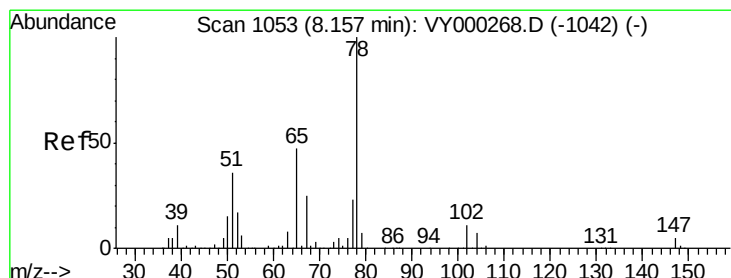
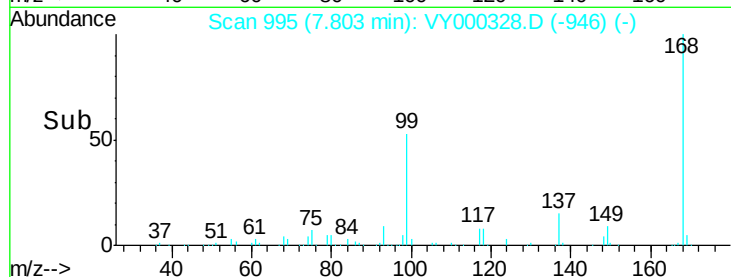
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.523 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000328.D

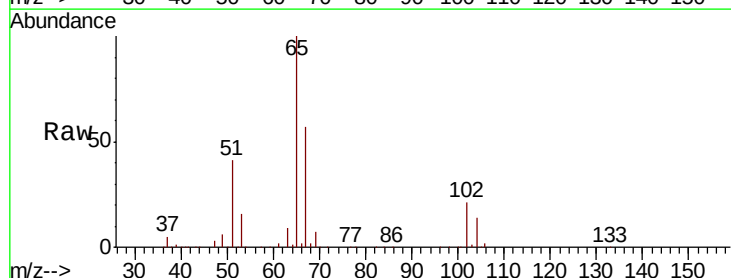
Acq: 16 Oct 2019 14:35

Tgt Ion: 65 Resp: 154178

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000328.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000328.D (-1004) (-)

8.15

80000

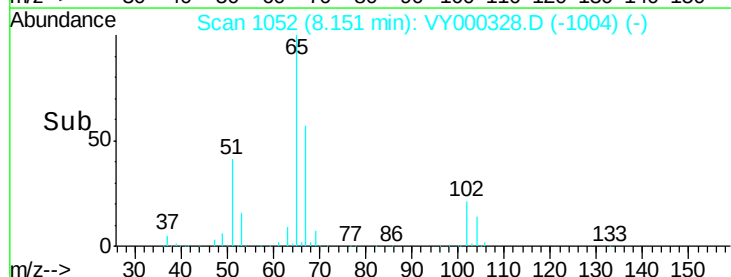
60000

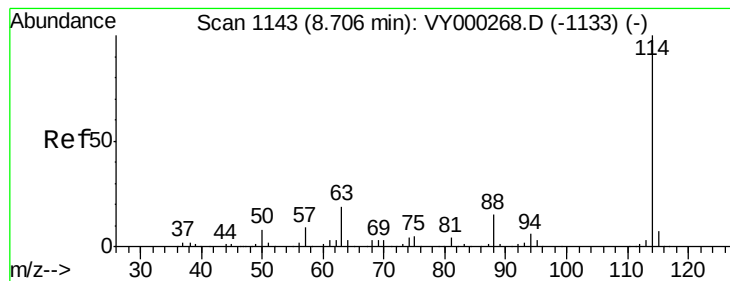
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000328.D

Acq: 16 Oct 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

T-9-U3-(28)

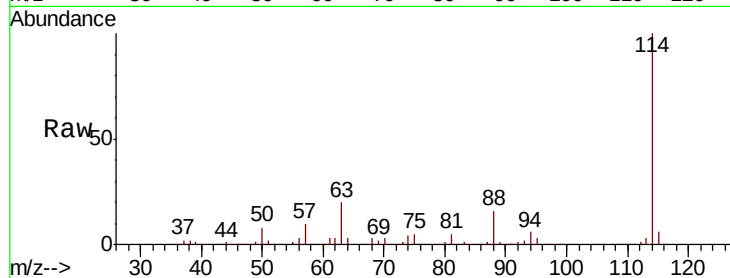
Tot Ion:114 Resp: 466751

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.2

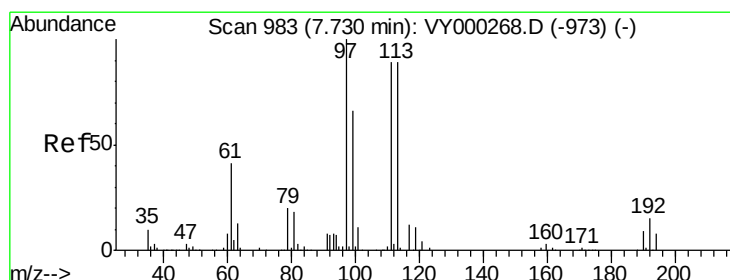
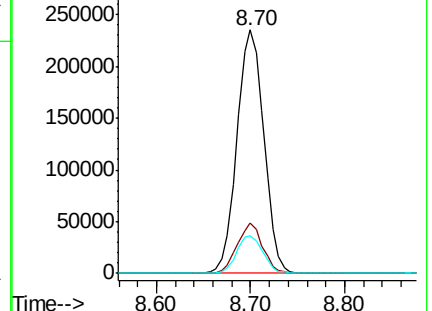
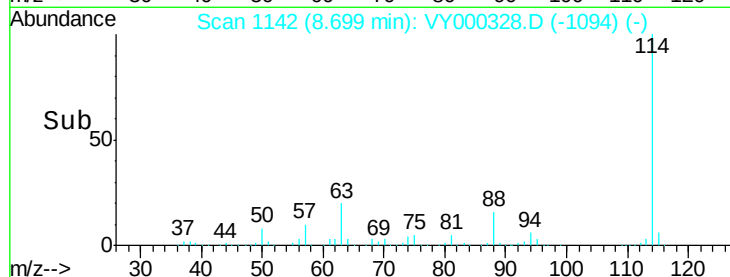
88 15.7 0.0 30.2



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: 48.475 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000328.D

Acq: 16 Oct 2019 14:35

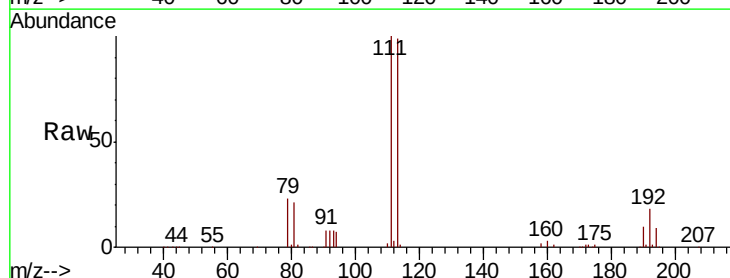
Tgt Ion:113 Resp: 136482

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

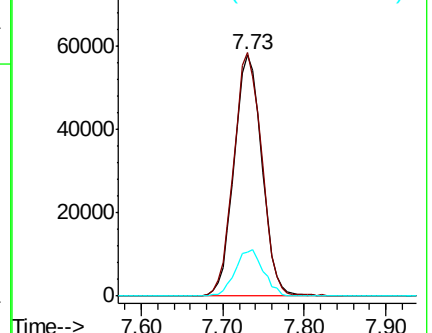
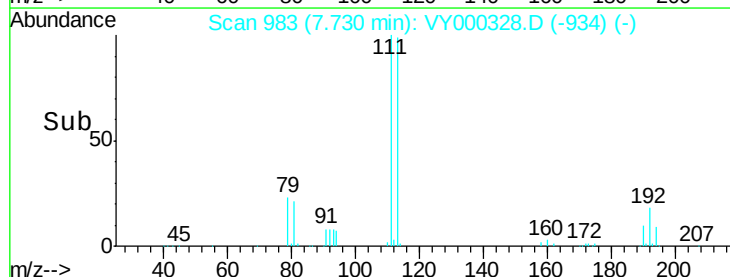
192 19.5 15.3 22.9

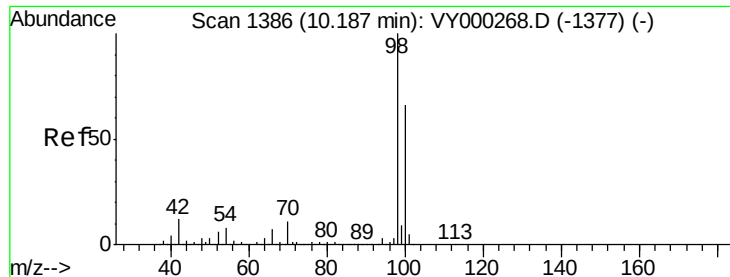


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.722 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000328.D

Acq: 16 Oct 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

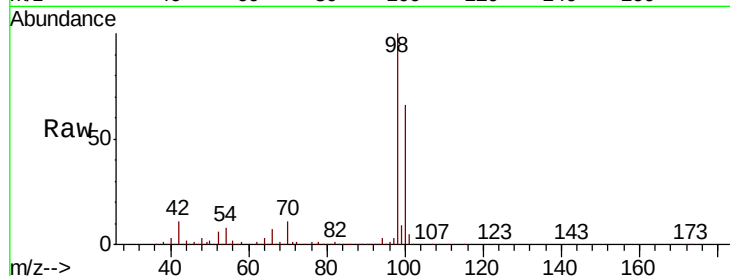
T-9-U3-(28)

Tot Ion: 98 Resp: 538506

Ion Ratio Lower Upper

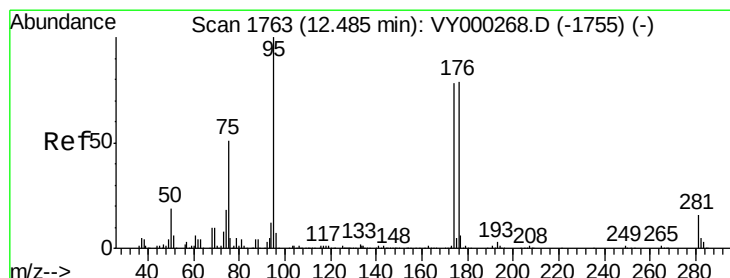
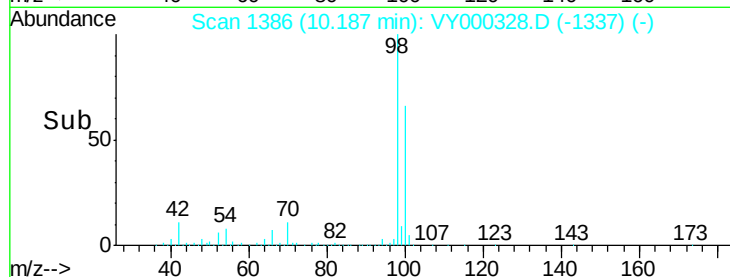
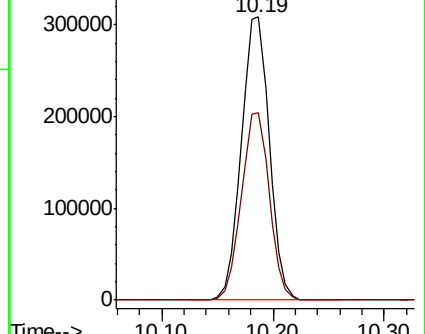
98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 36.718 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000328.D

Acq: 16 Oct 2019 14:35

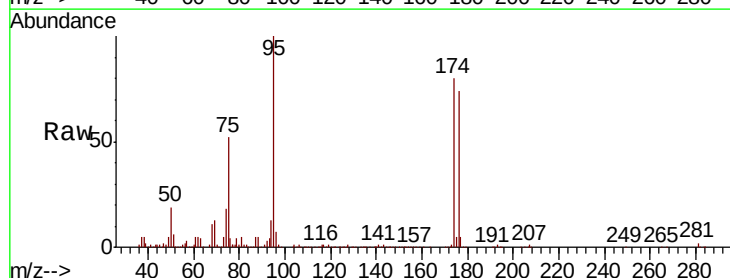
Tgt Ion: 95 Resp: 151079

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.6

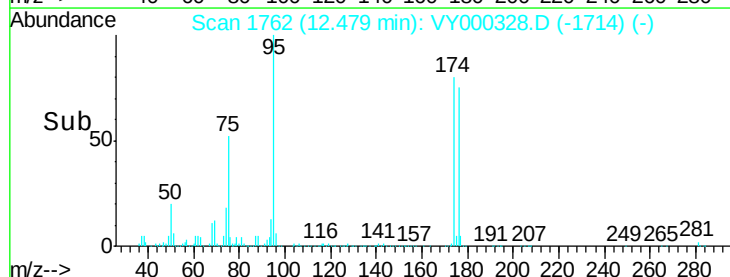
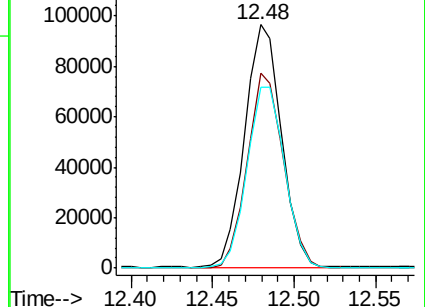
176 76.5 0.0 153.8

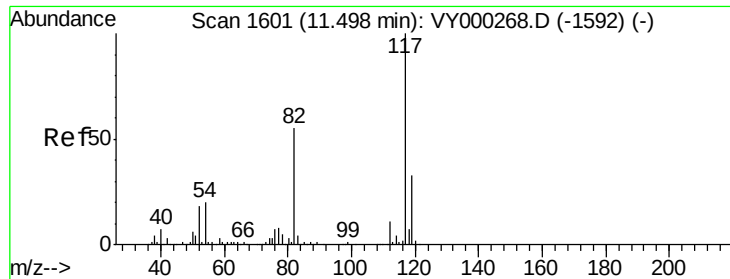


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

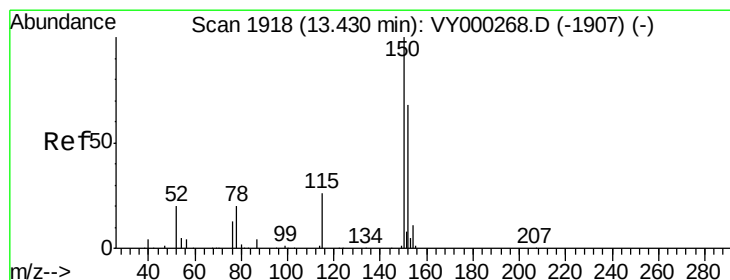
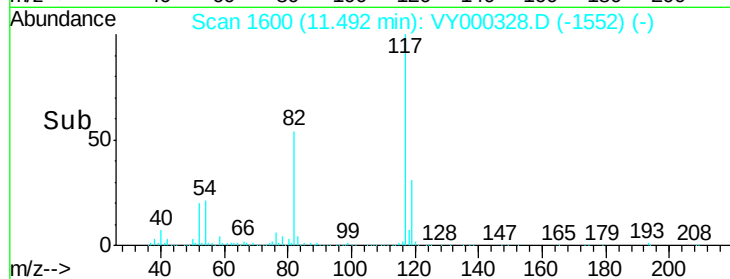
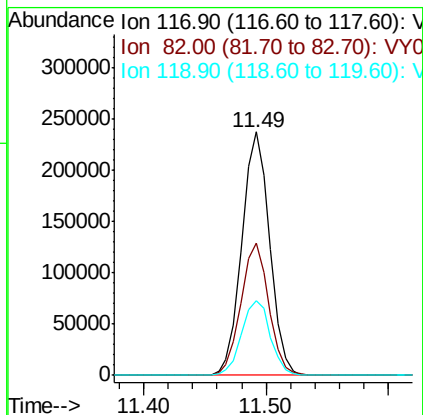
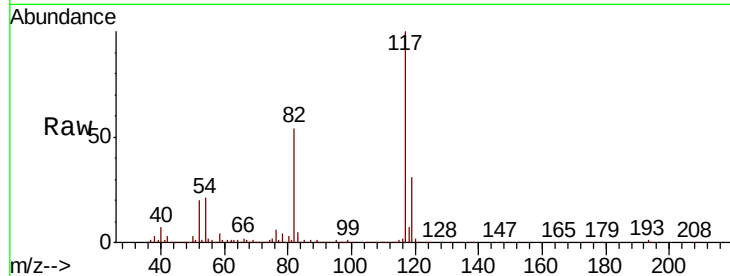




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000328.D
Acq: 16 Oct 2019 14:35

Instrument :
MSVOA_Y
ClientSampleId :
T-9-U3-(28)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	30.8	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000328.D
Acq: 16 Oct 2019 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	153.4	0.0	348.4

