

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000423.D
 Acq On : 25 Oct 2019 12:53
 Operator : SY/MD
 Sample : K5543-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1A

Quant Time: Nov 04 02:56:31 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	214403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	316739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	131190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	130768	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.74	113	104526	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.19	98	414938	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.48	95	136950	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	

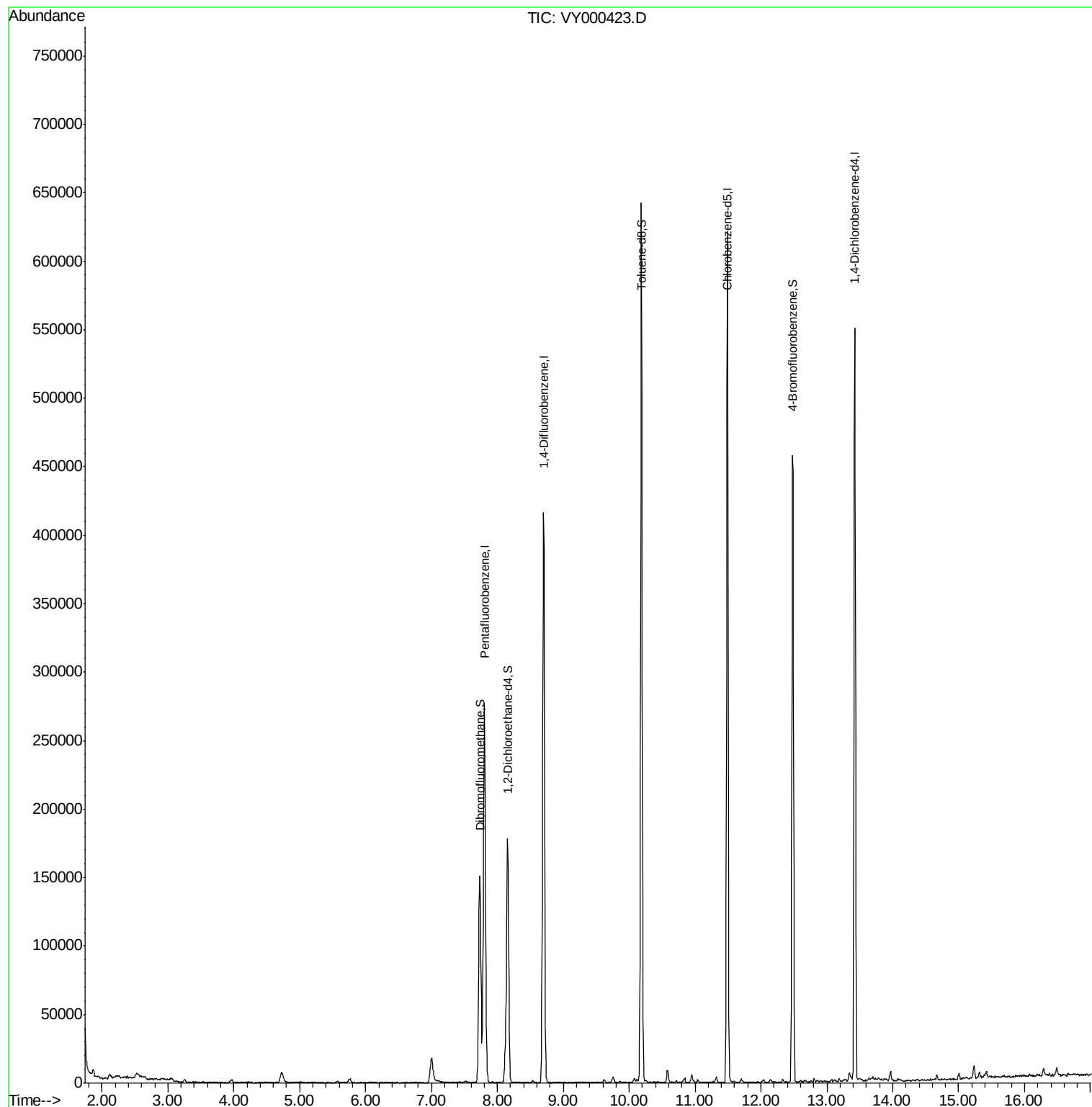
Target Compounds	Qvalue

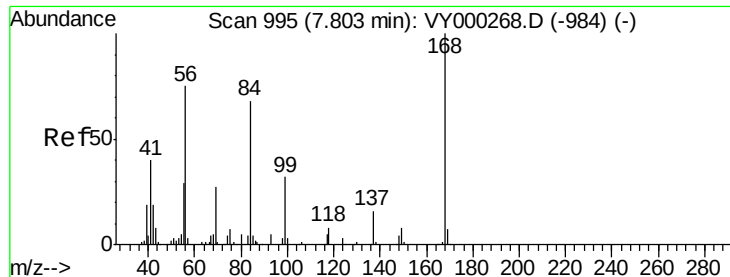
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000423.D

Acq: 25 Oct 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

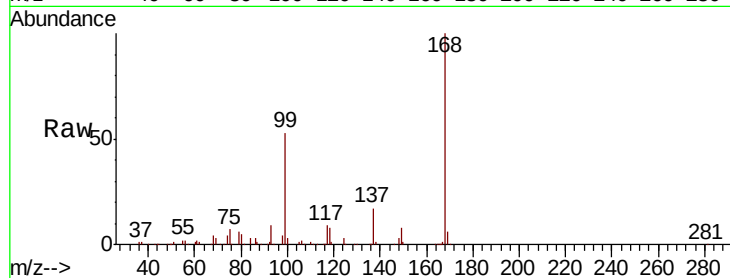
R-1A

Tot Ion:168 Resp: 214403

Ion Ratio Lower Upper

168 100

99 52.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000423.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000423.D (-946) (-)

7.80

100000

80000

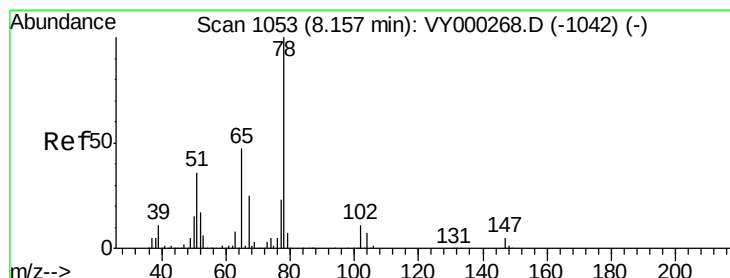
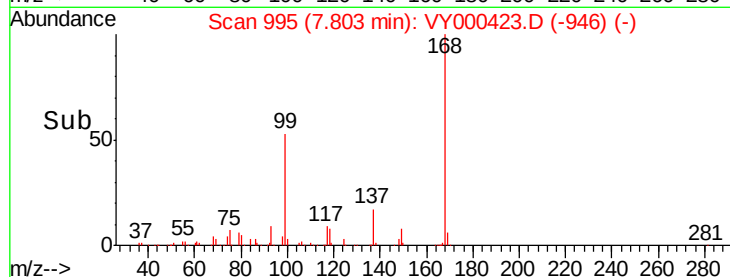
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.821 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000423.D

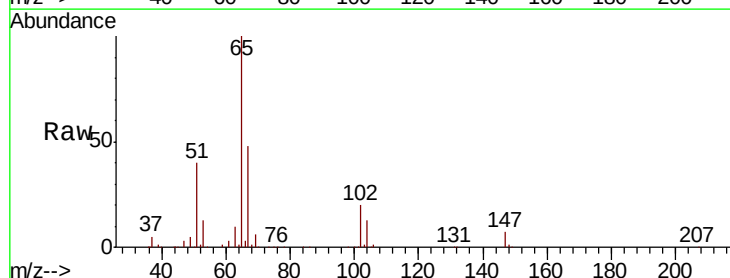
Acq: 25 Oct 2019 12:53

Tgt Ion: 65 Resp: 130768

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000423.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000423.D (-1004) (-)

8.16

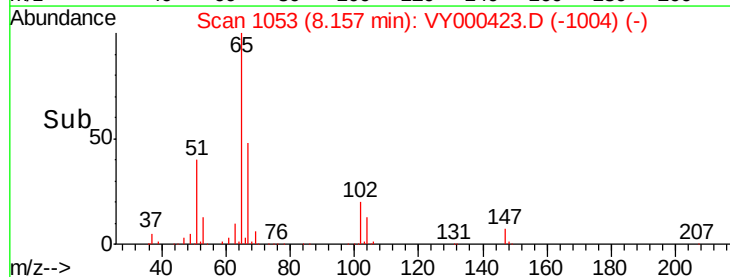
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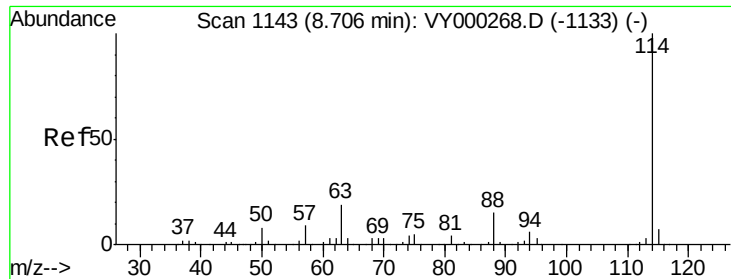
40000

20000

0

Time-->

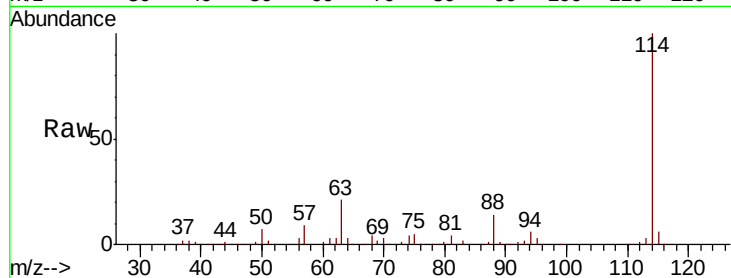




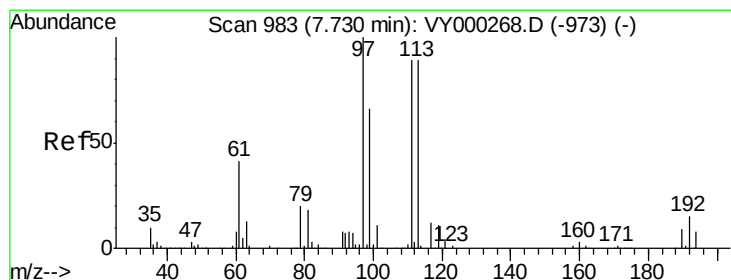
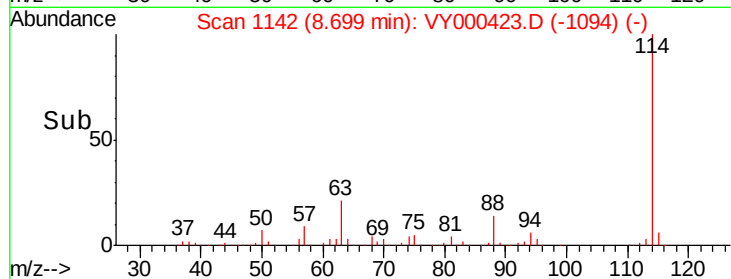
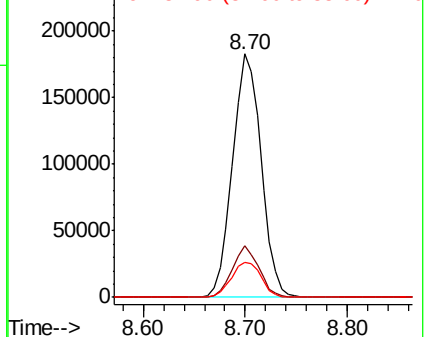
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000423.D
 Acq: 25 Oct 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1A

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.2
88	14.4	0.0	30.2

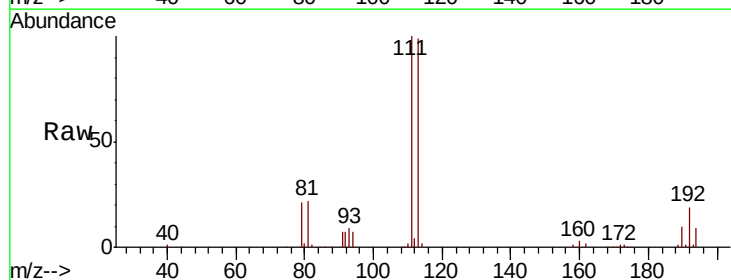


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

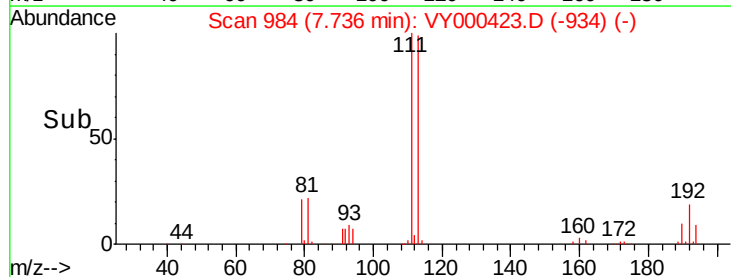
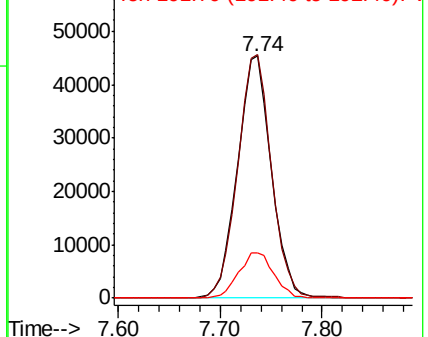


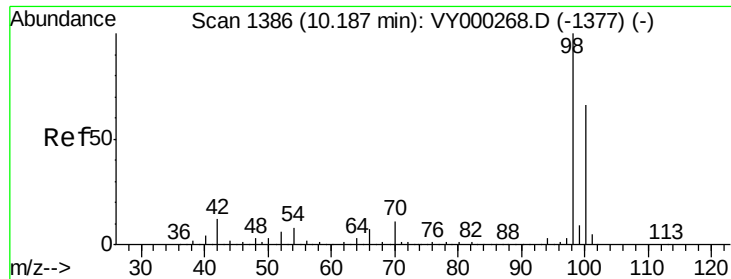
#35
 Dibromofluoromethane
 Concen: 48.866 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000423.D
 Acq: 25 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	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: 50.428 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000423.D

Acq: 25 Oct 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

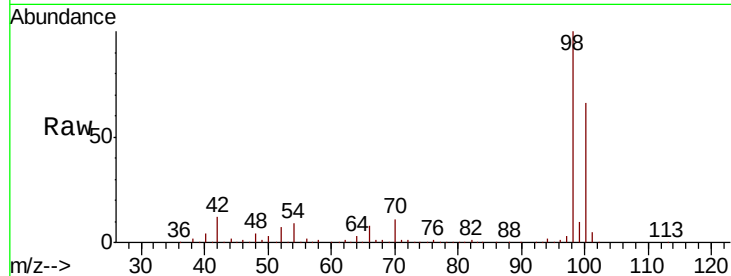
R-1A

Tot Ion: 98 Resp: 414938

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000423.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000423.D (-1377) (-)

10.19

250000

200000

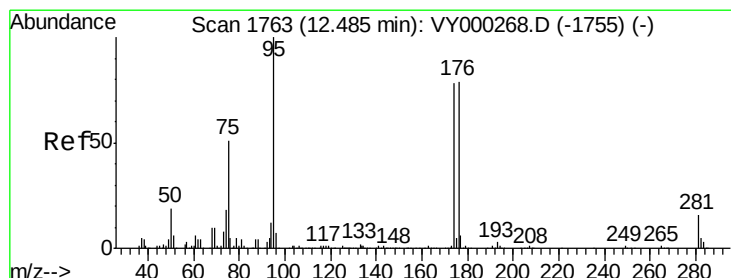
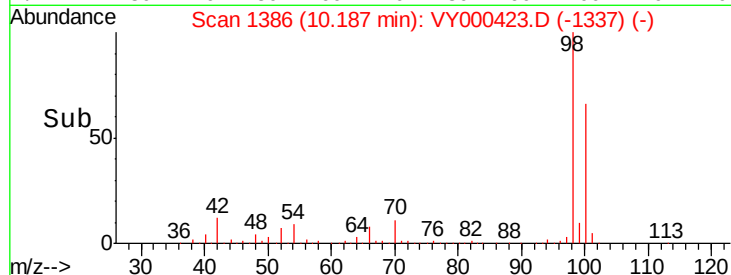
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.810 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000423.D

Acq: 25 Oct 2019 12:53

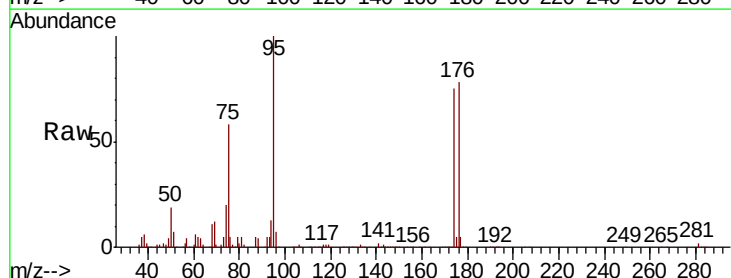
Tgt Ion: 95 Resp: 136950

Ion Ratio Lower Upper

95 100

174 81.1 0.0 159.6

176 79.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000423.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000423.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000423.D (-1714) (-)

120000

100000

80000

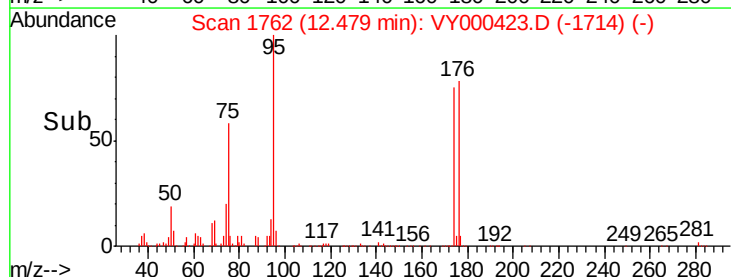
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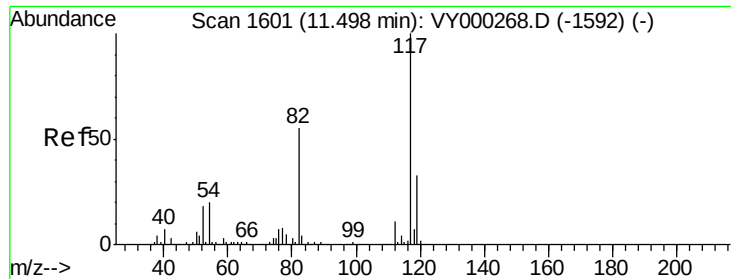
40000

20000

0

Time-->

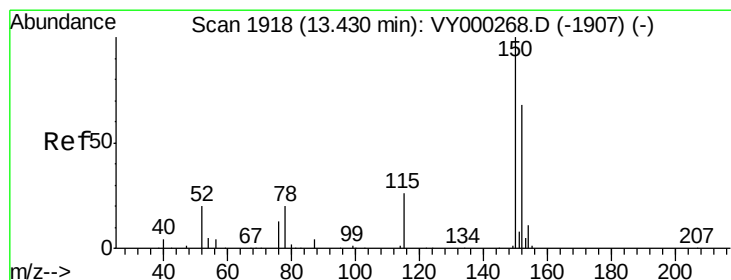
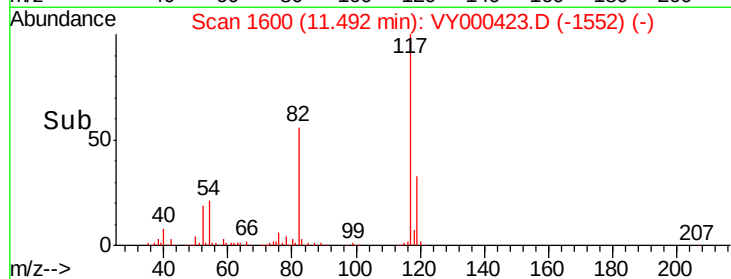
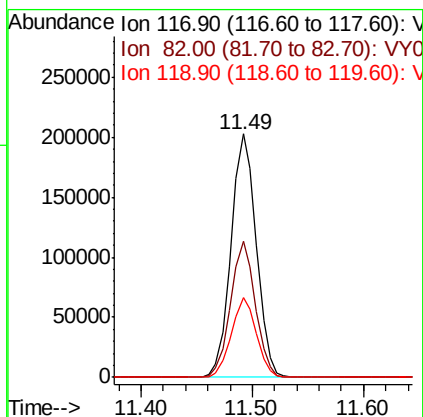
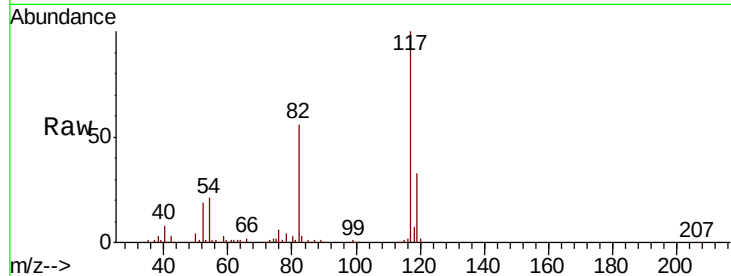




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000423.D
Acq: 25 Oct 2019 12:53

Instrument :
MSVOA_Y
ClientSampleId :
R-1A

Tot Ion:117 Resp: 316739
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.9 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: VY000423.D
Acq: 25 Oct 2019 12:53

Tgt Ion:152 Resp: 131190
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 156.7 0.0 348.4

