

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001095.D
 Acq On : 27 Dec 2019 14:15
 Operator : SY/MD
 Sample : K6439-17
 Misc : 4.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF014-01

Quant Time: Dec 30 01:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

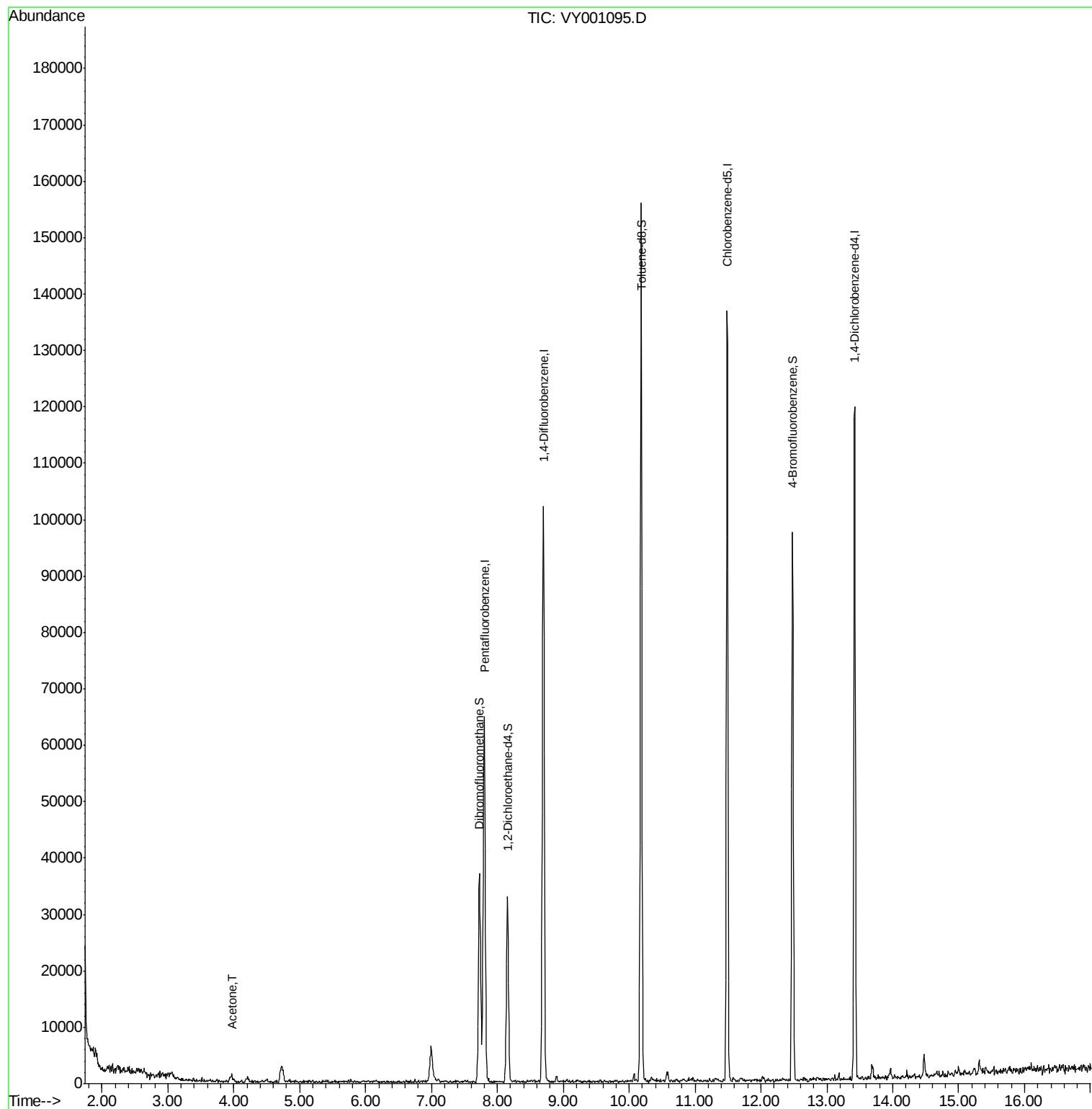
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	50560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	91355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	77258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	24472	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	7.73	113	25700	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	10.18	98	102405	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.48	95	29479	38.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.70%	
Target Compounds						
16) Acetone	3.97	43	2149	18.707	ug/l #	Qvalue 77

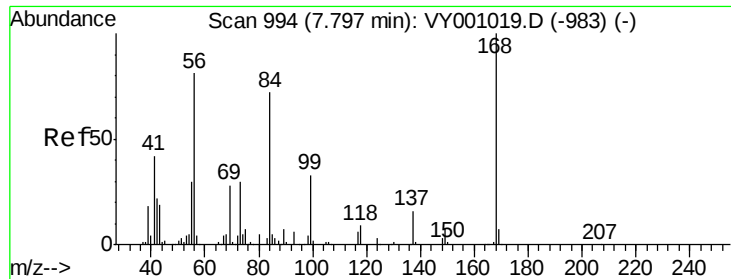
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

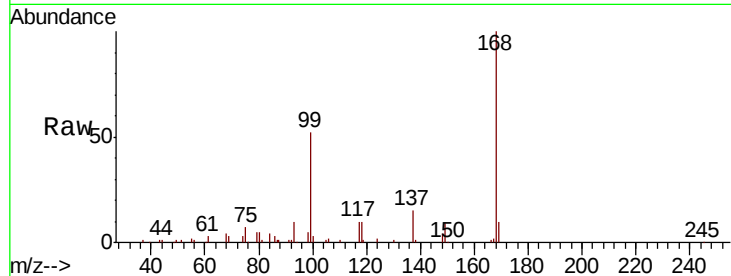
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Tot Ion:168 Resp: 50560

Ion Ratio Lower Upper

168 100

99 52.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

25000

20000

15000

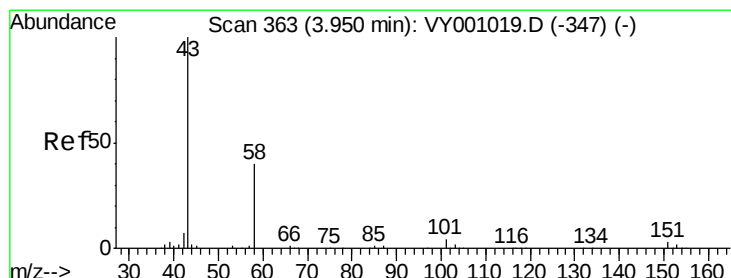
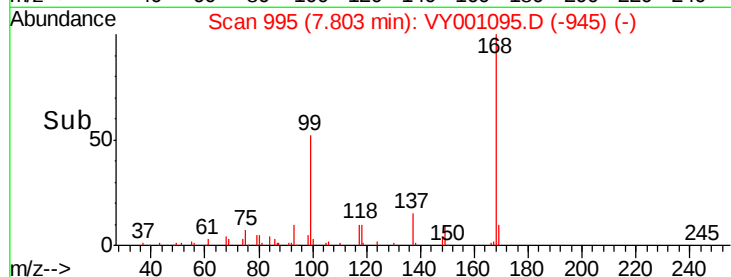
10000

5000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 18.707 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY001095.D

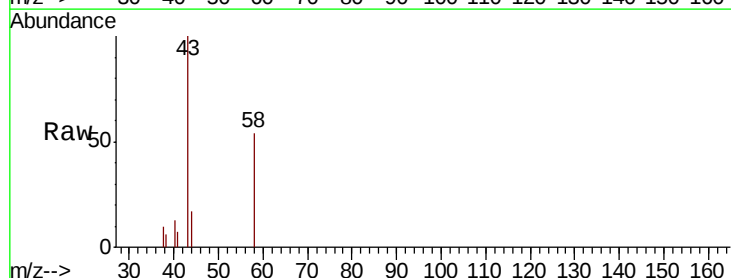
Acq: 27 Dec 2019 14:15

Tgt Ion: 43 Resp: 2149

Ion Ratio Lower Upper

43 100

58 54.1 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.97

1000

800

600

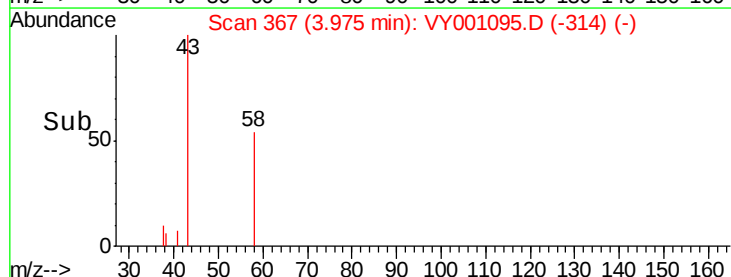
400

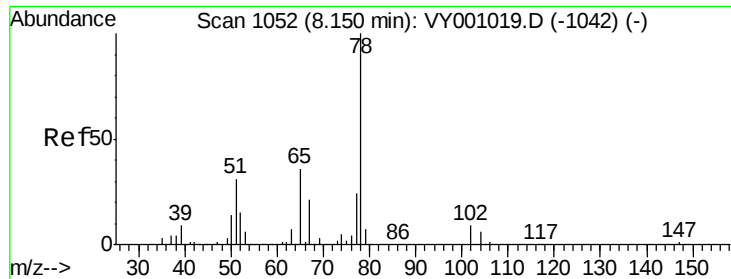
200

0

Time-->

3.85 3.90 3.95 4.00 4.05





#33

1,2-Dichloroethane-d4

Concen: 49.075 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

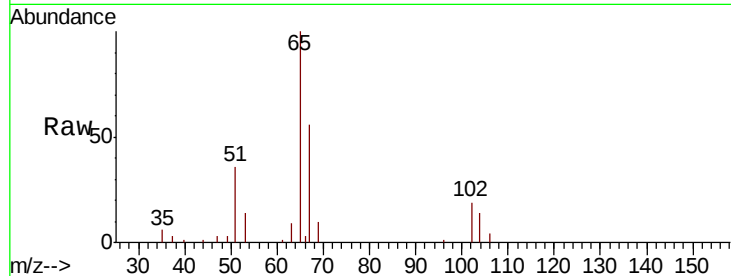
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Tot Ion: 65 Resp: 24472

Ion Ratio Lower Upper

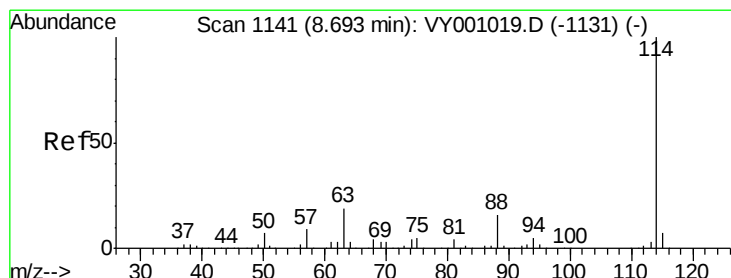
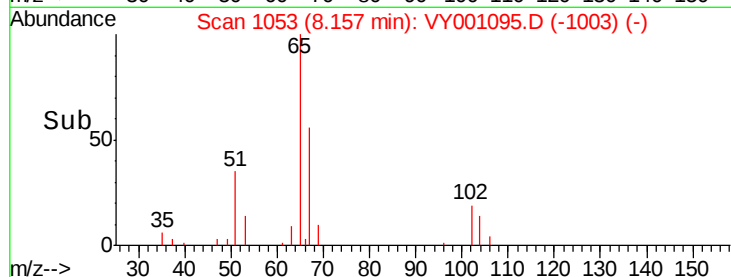
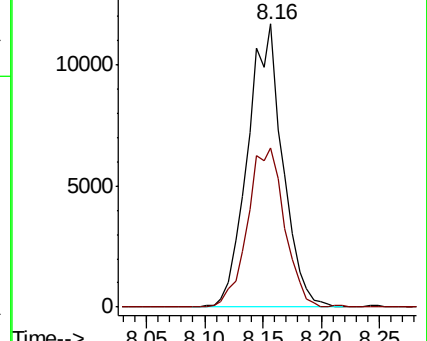
65 100

67 58.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

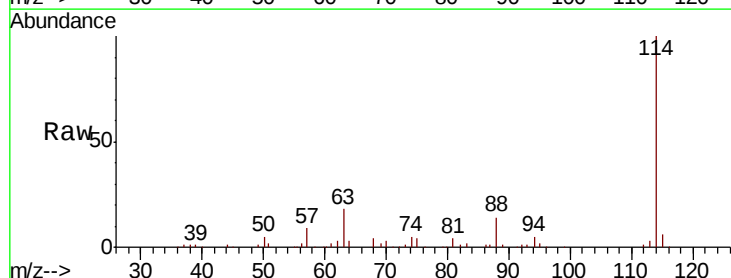
Tgt Ion: 114 Resp: 91355

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.0

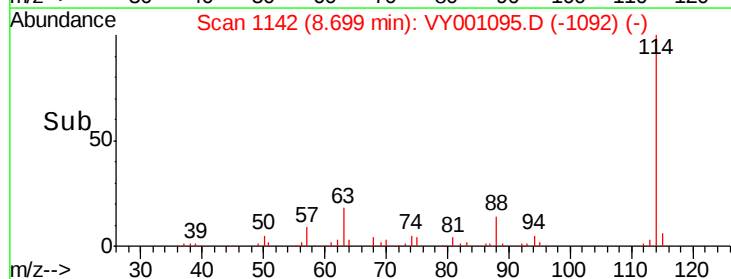
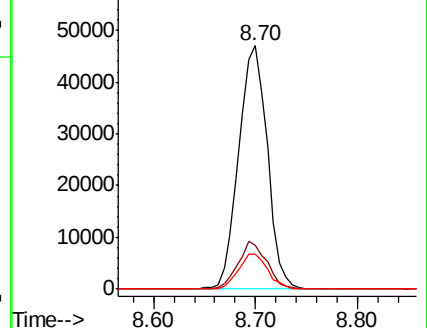
88 14.2 0.0 32.0

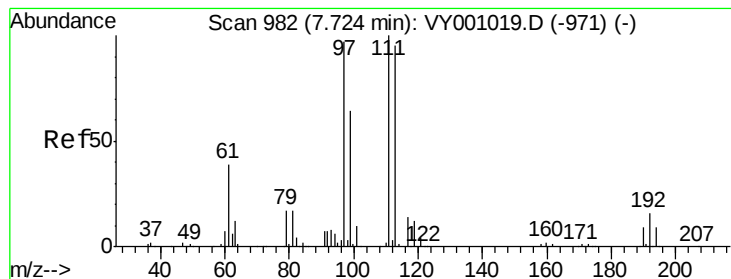


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.774 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF014-01

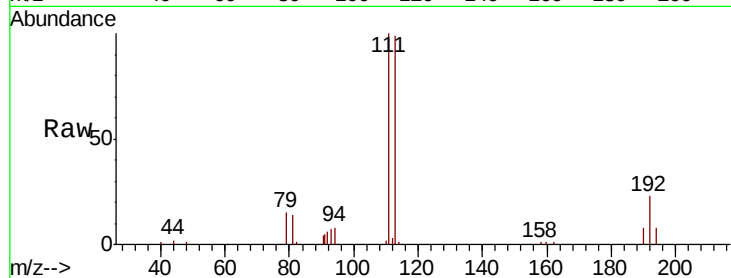
Tot Ion:113 Resp: 25700

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

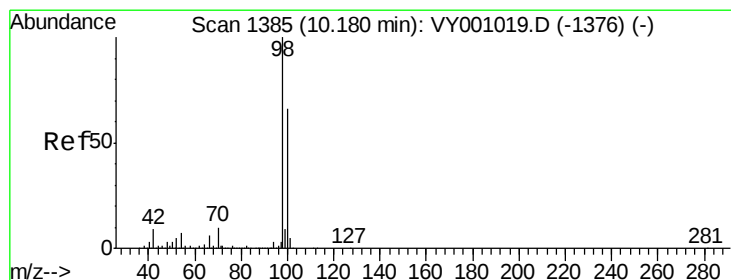
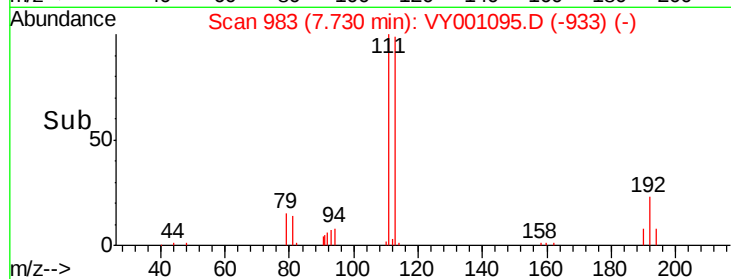
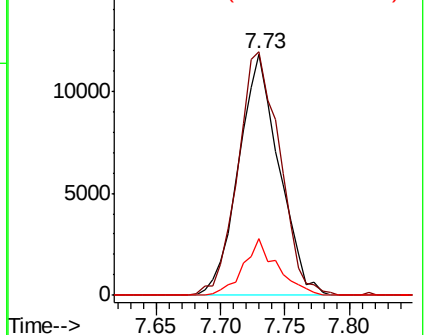
192 19.9 14.6 21.8



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: 48.711 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001095.D

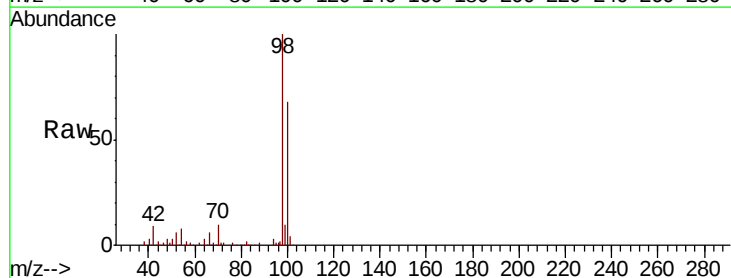
Acq: 27 Dec 2019 14:15

Tgt Ion: 98 Resp: 102405

Ion Ratio Lower Upper

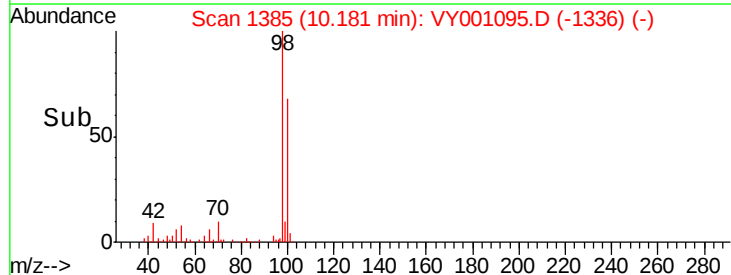
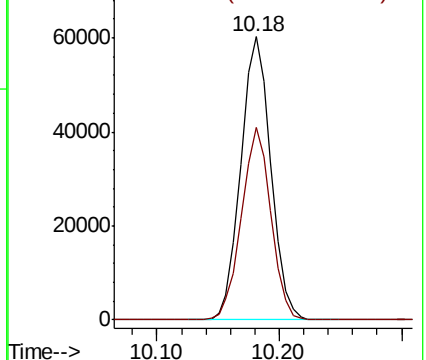
98 100

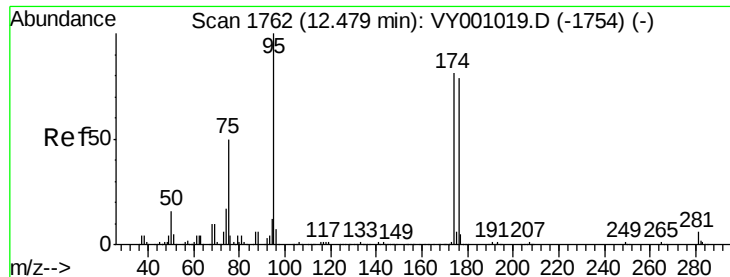
100 66.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

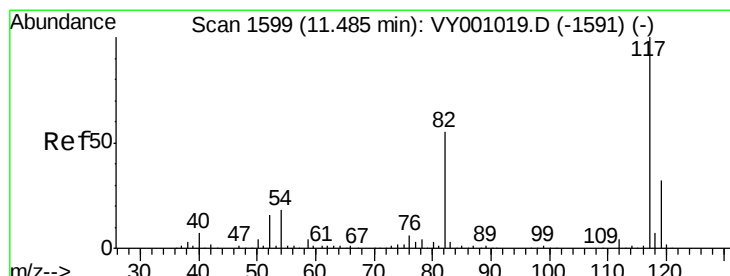
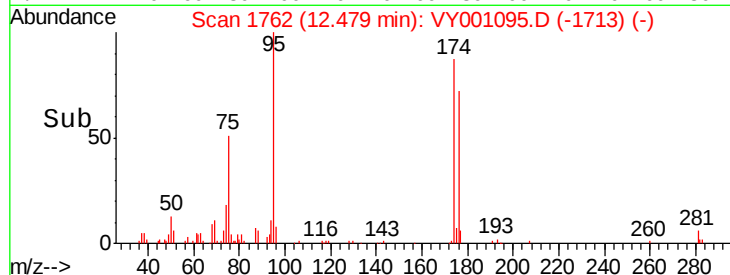
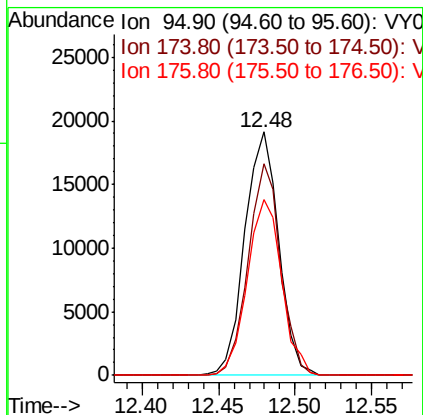
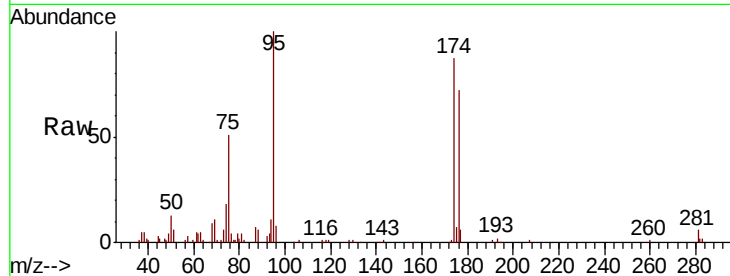




#62
4-Bromofluorobenzene
Concen: 38.352 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

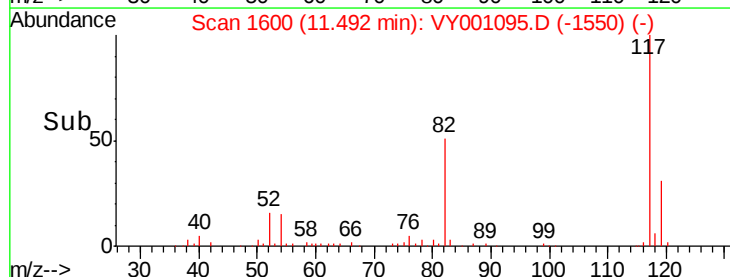
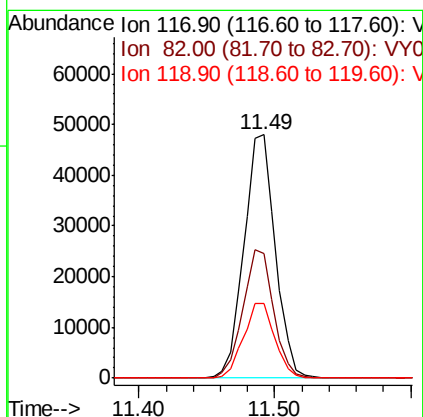
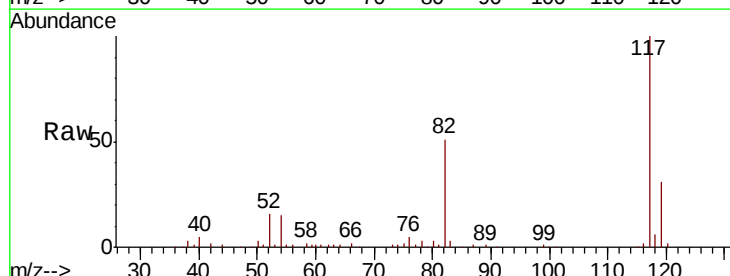
Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF014-01

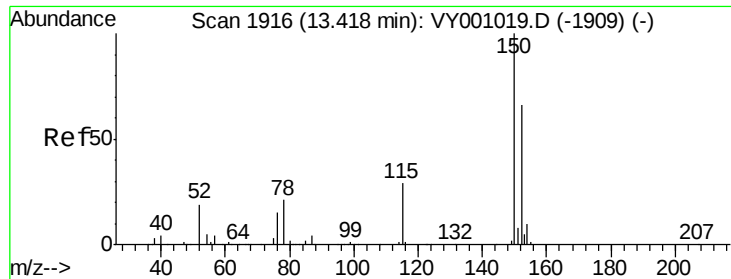
Tot Ion: 95 Resp: 29479
Ion Ratio Lower Upper
95 100
174 82.9 0.0 156.4
176 73.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Tgt Ion: 117 Resp: 77258
Ion Ratio Lower Upper
117 100
82 51.2 43.8 65.8
119 30.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VY001095.D
 Acq: 27 Dec 2019 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF014-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	157.0	0.0	352.6

