

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001104.D
 Acq On : 27 Dec 2019 17:33
 Operator : SY/MD
 Sample : K6439-04
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF001-02

Quant Time: Dec 30 02:36:54 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

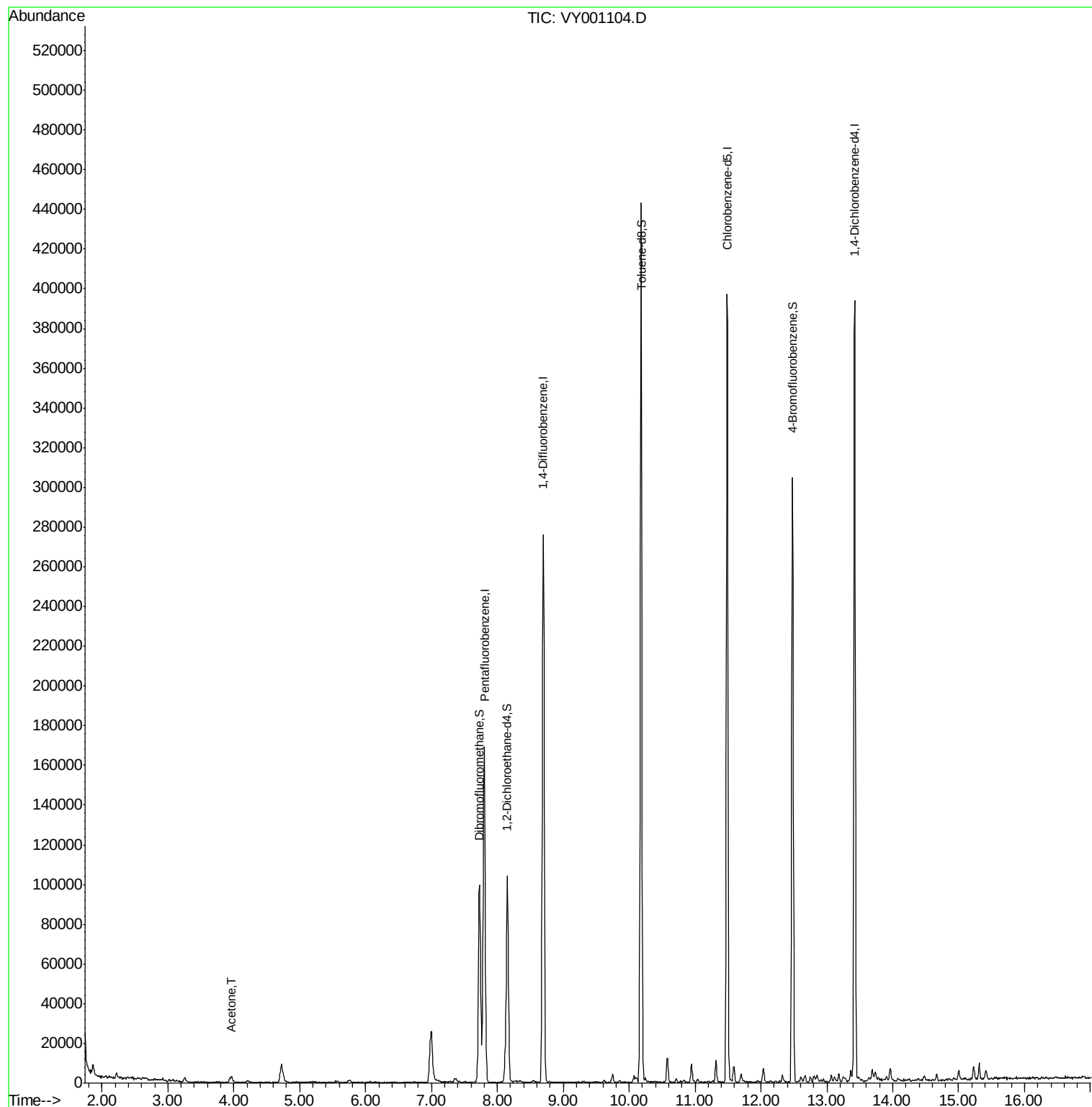
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	131940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	248550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	224372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72944	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.72	113	72376	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	10.18	98	291796	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.48	95	93750	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
16) Acetone	3.96	43	5224	17.426	ug/l	Qvalue 91

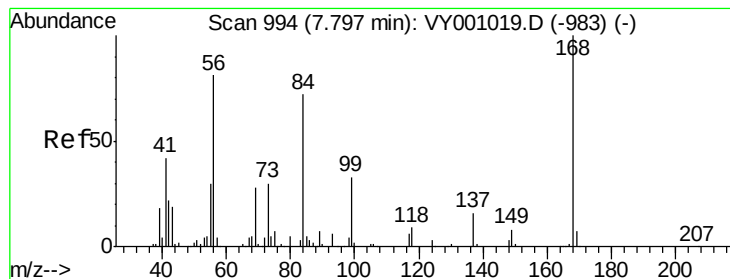
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001104.D

Acq: 27 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

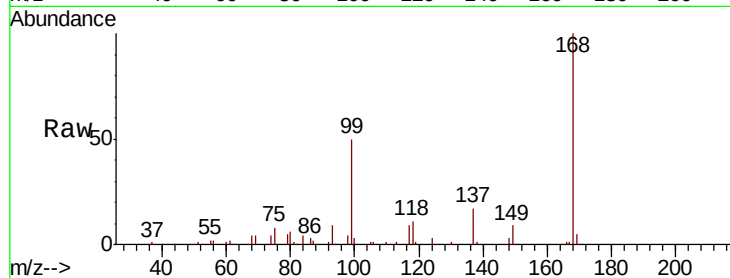
LIED-BF001-02

Tot Ion:168 Resp: 131940

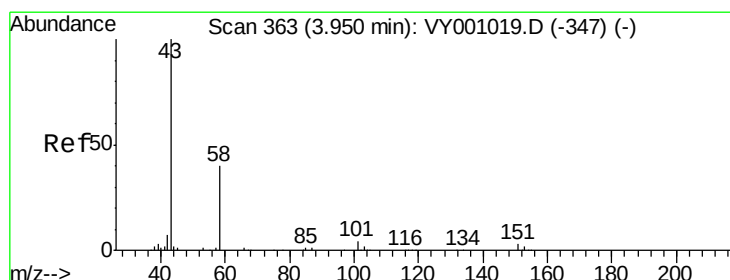
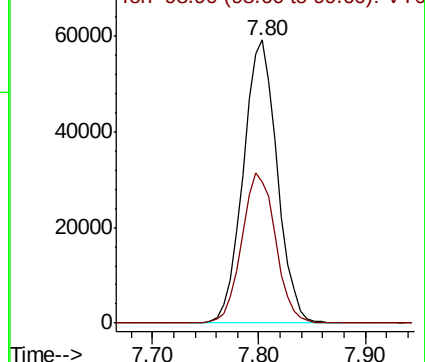
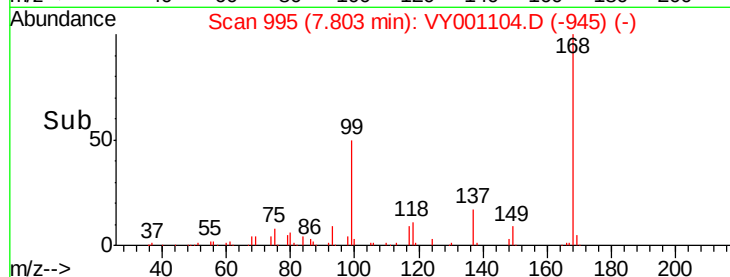
Ion Ratio Lower Upper

168 100

99 50.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001104.D (-945) (-)



#16

Acetone

Concen: 17.426 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001104.D

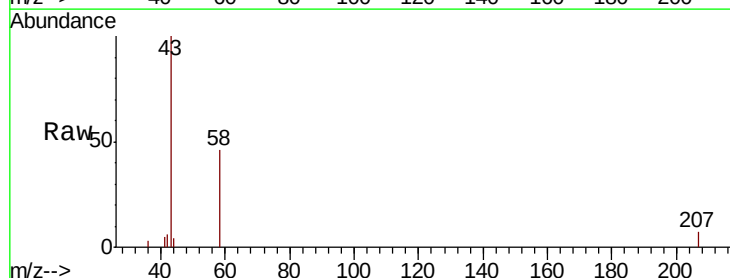
Acq: 27 Dec 2019 17:33

Tgt Ion: 43 Resp: 5224

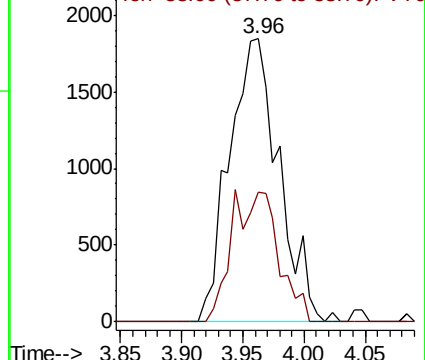
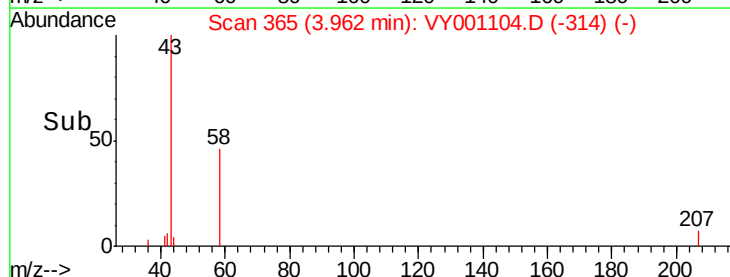
Ion Ratio Lower Upper

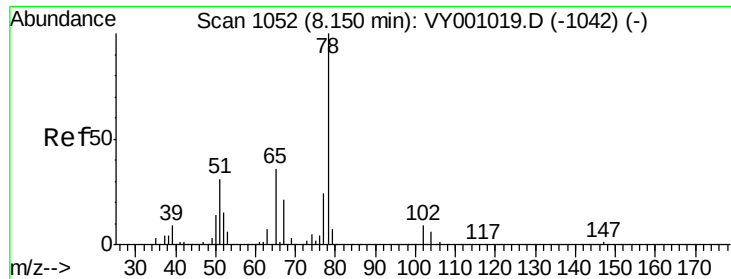
43 100

58 45.7 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001104.D (-314) (-)

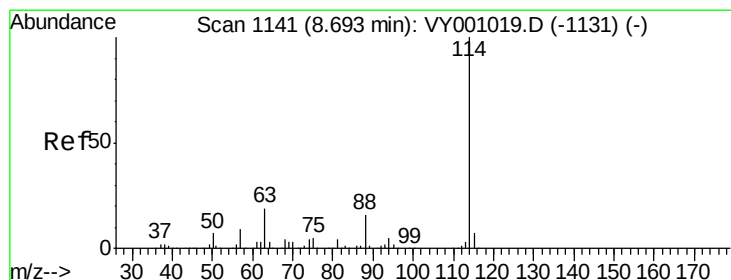
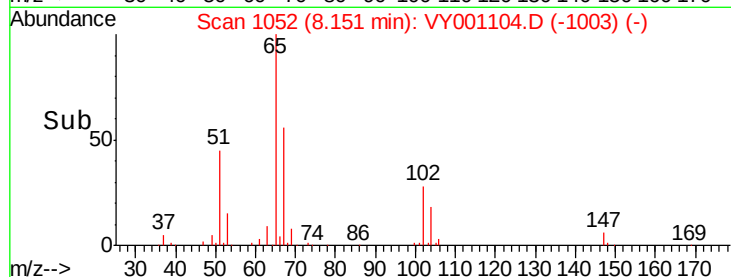
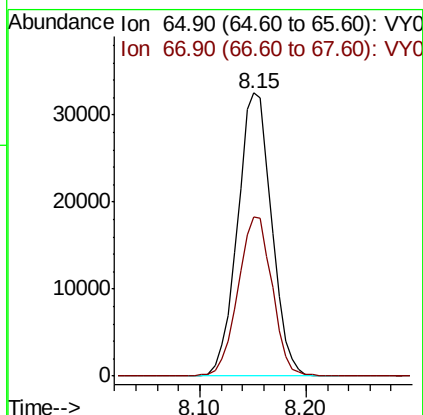
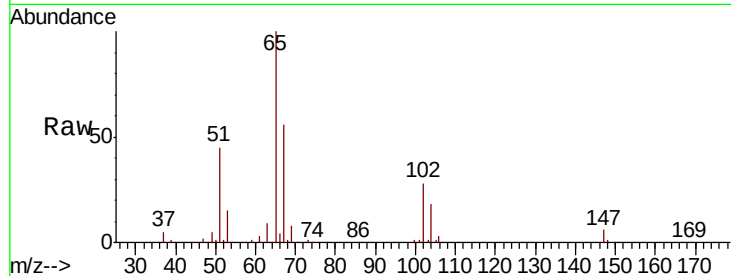




#33
 1,2-Dichloroethane-d4
 Concen: 56.055 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001104.D
 Acq: 27 Dec 2019 17:33

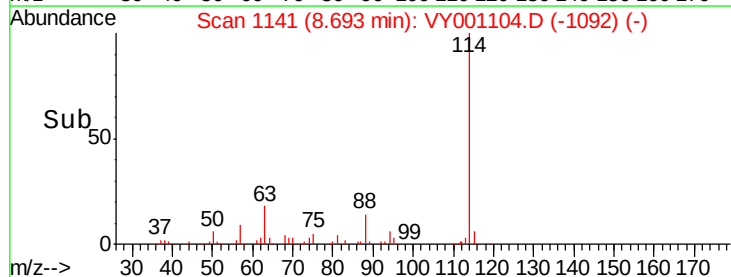
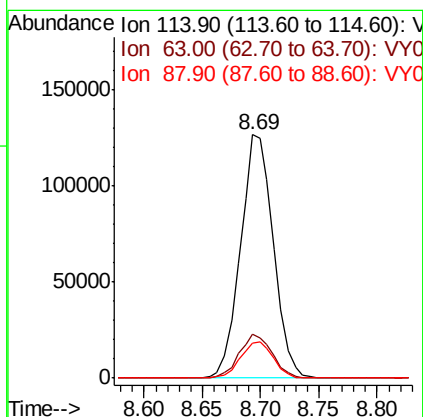
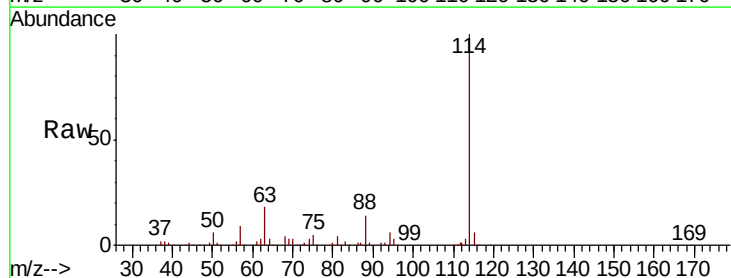
Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF001-02

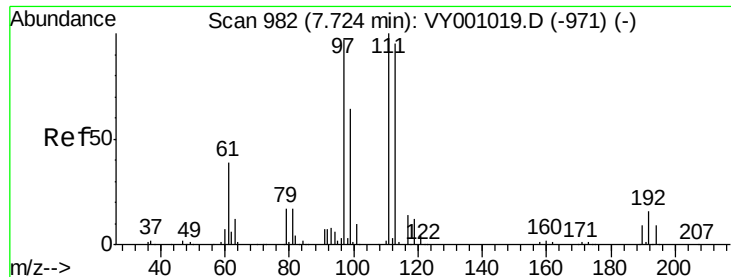
Tot Ion: 65 Resp: 72944
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001104.D
 Acq: 27 Dec 2019 17:33

Tgt Ion: 114 Resp: 248550
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.0
 88 14.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001104.D

Acq: 27 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF001-02

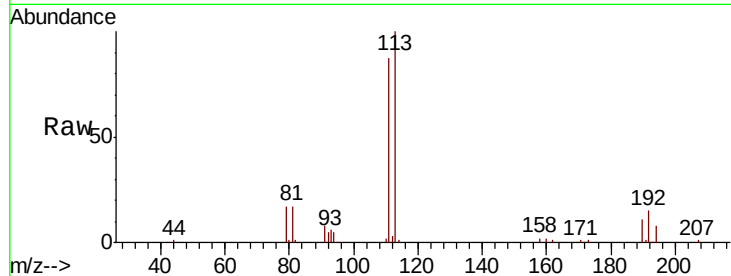
Tot Ion:113 Resp: 72376

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

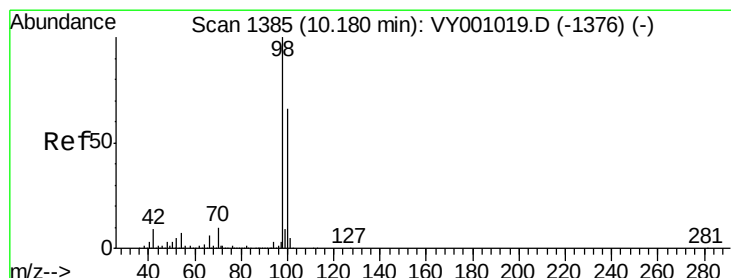
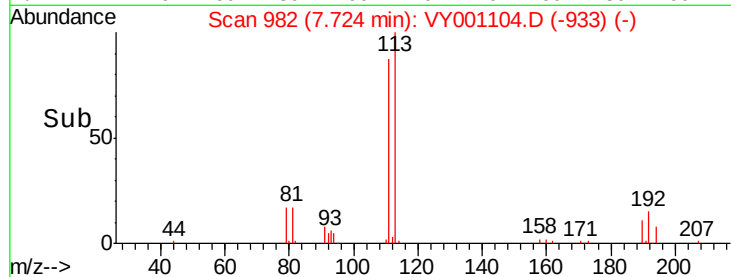
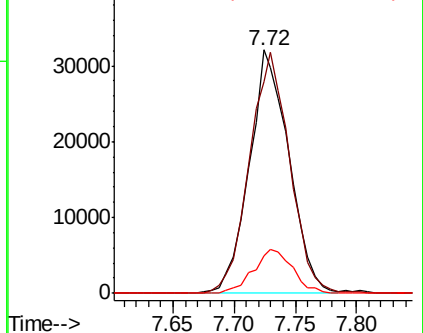
192 17.7 14.6 21.8



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: 51.016 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001104.D

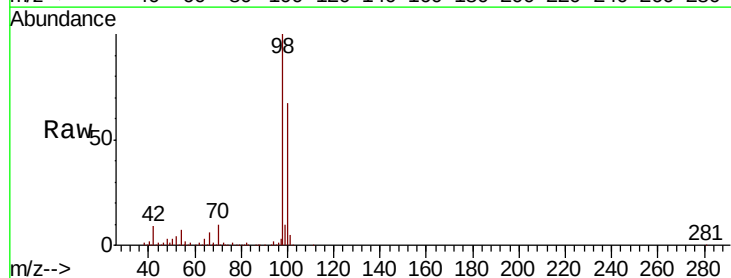
Acq: 27 Dec 2019 17:33

Tgt Ion: 98 Resp: 291796

Ion Ratio Lower Upper

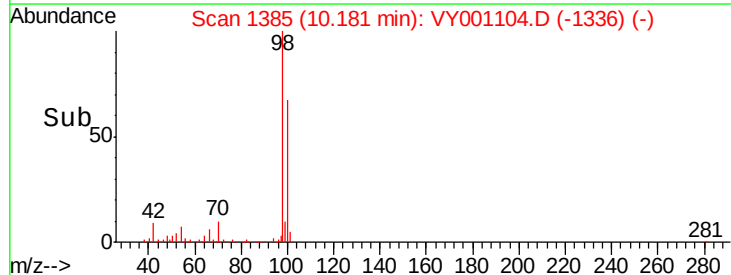
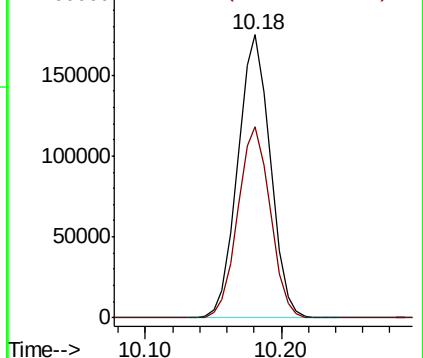
98 100

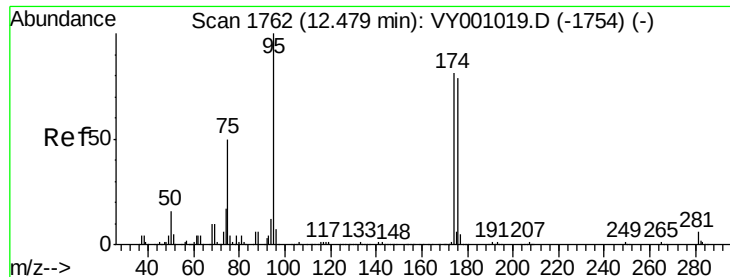
100 67.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

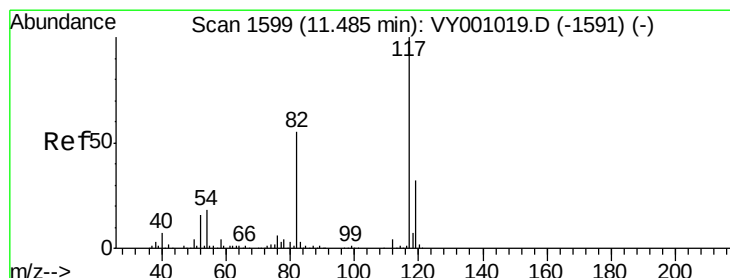
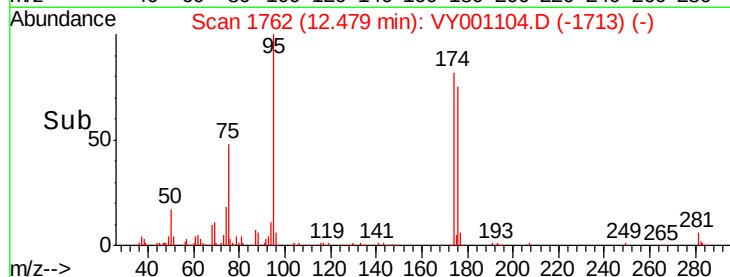
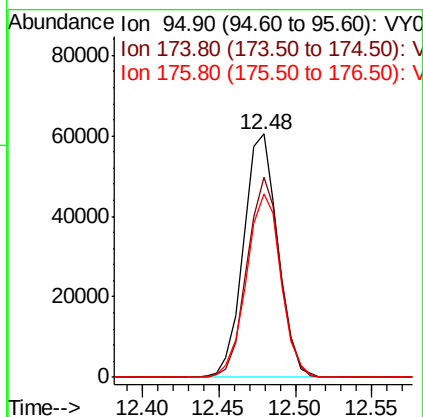
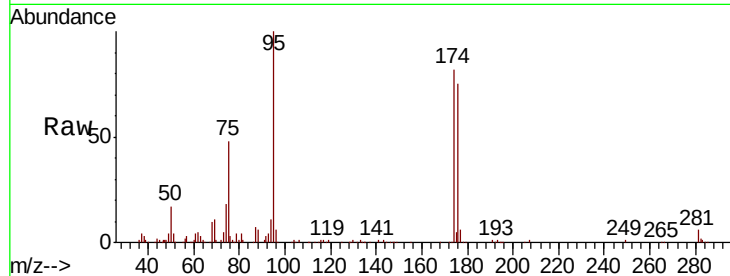




#62
4-Bromofluorobenzene
Concen: 44.830 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001104.D
Acq: 27 Dec 2019 17:33

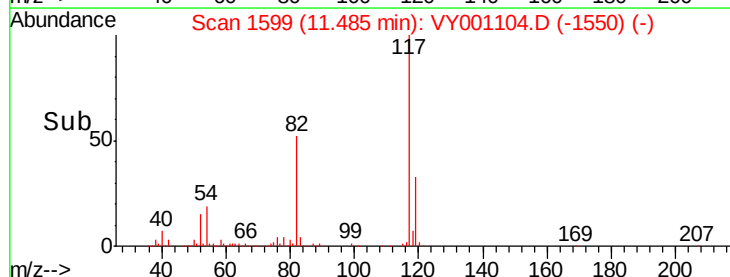
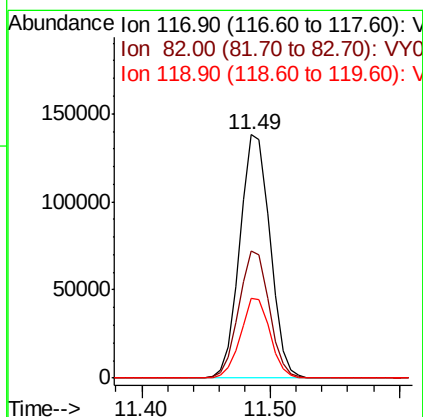
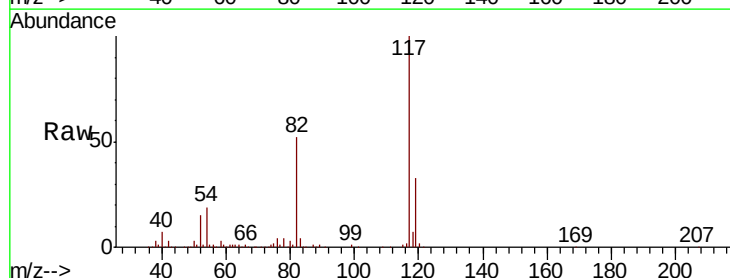
Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF001-02

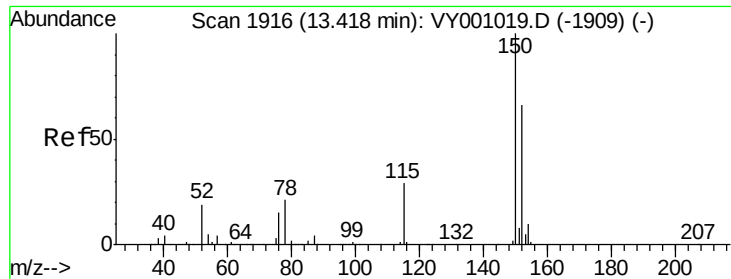
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	156.4
176	76.0	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001104.D
Acq: 27 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.8	65.8
119	32.5	25.8	38.6



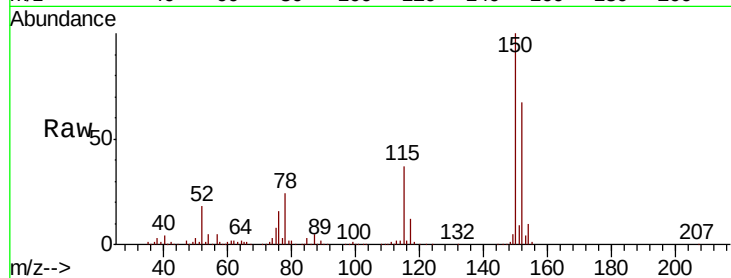


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VY001104.D
 Acq: 27 Dec 2019 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF001-02

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.3
150	153.6	0.0	352.6



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

