

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000444.D
 Acq On : 25 Oct 2019 21:06
 Operator : SY/MD
 Sample : K5540-16
 Misc : 4.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 158-88-(1)

Quant Time: Oct 26 03:18:27 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

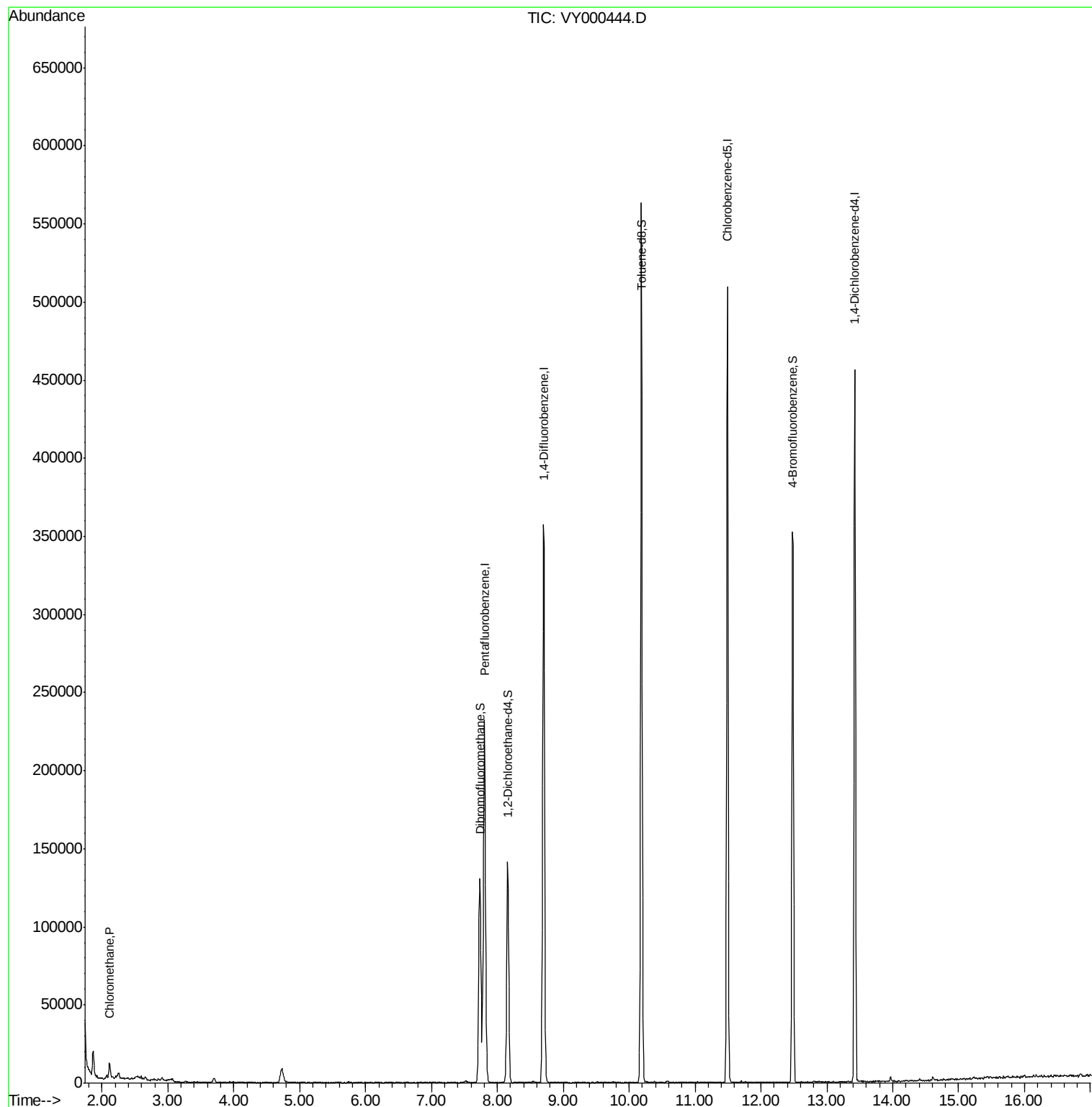
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	181287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	303286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	106763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104085	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.74	113	91617	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.19	98	355986	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.48	95	107057	40.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.08%	
Target Compounds						
3) Chloromethane	2.11	50	9537	4.305	ug/l	Qvalue 98

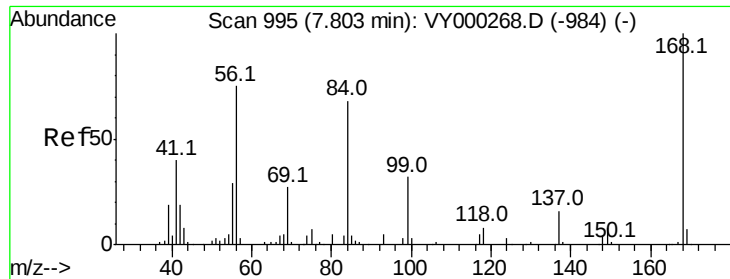
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000444.D

Acq: 25 Oct 2019 21:06

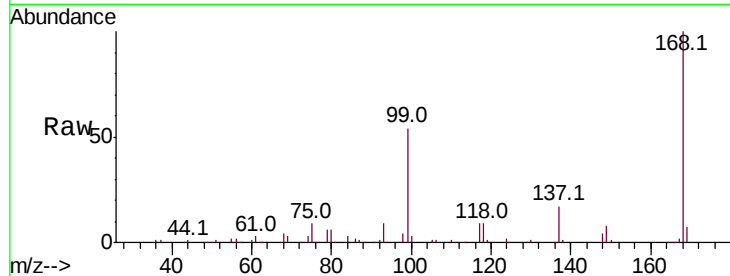
Instrument :
MSVOA_Y
ClientSampled :
158-88-(1)

Tot Ion:168 Resp: 181287

Ion Ratio Lower Upper

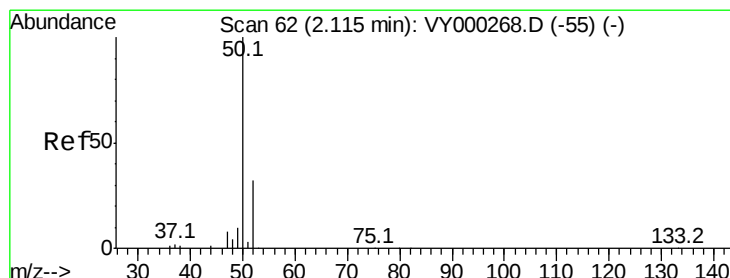
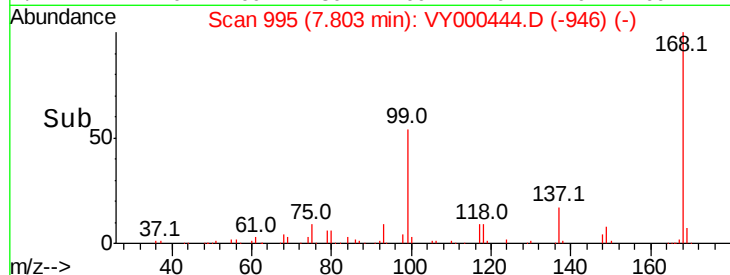
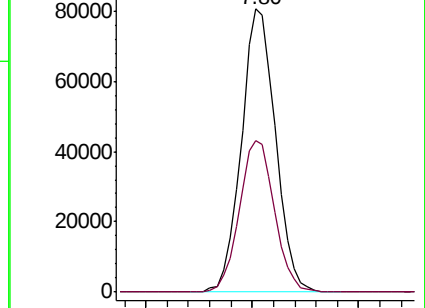
168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#3

Chloromethane

Concen: 4.305 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000444.D

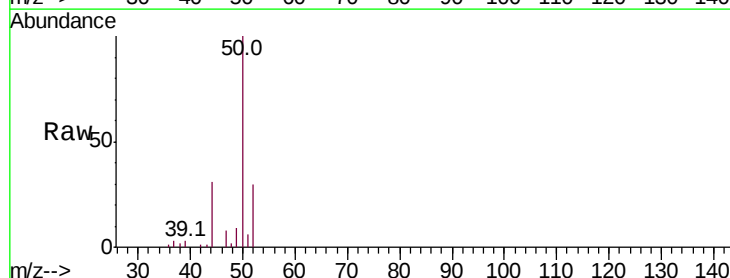
Acq: 25 Oct 2019 21:06

Tgt Ion: 50 Resp: 9537

Ion Ratio Lower Upper

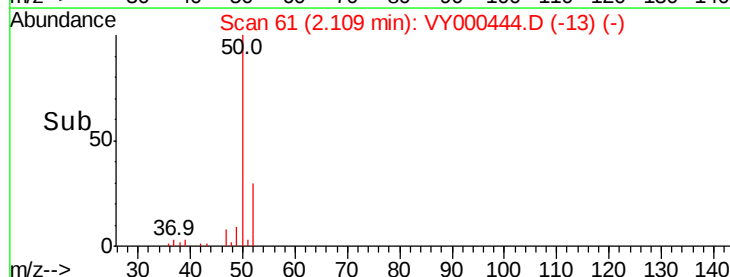
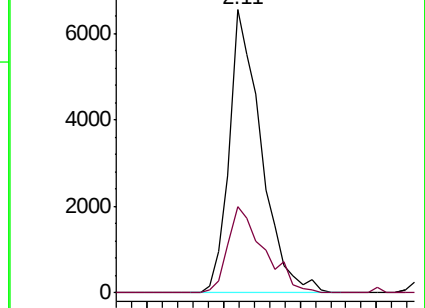
50 100

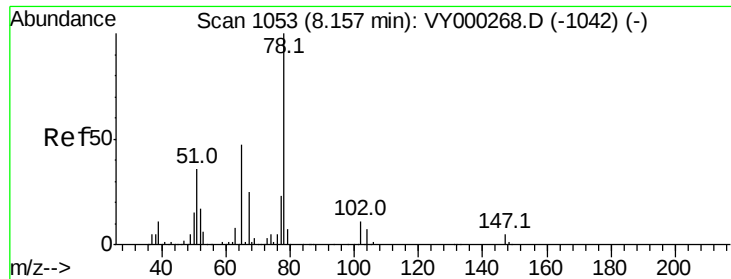
52 30.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000268.D (-55) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.429 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000444.D

Acq: 25 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampled :

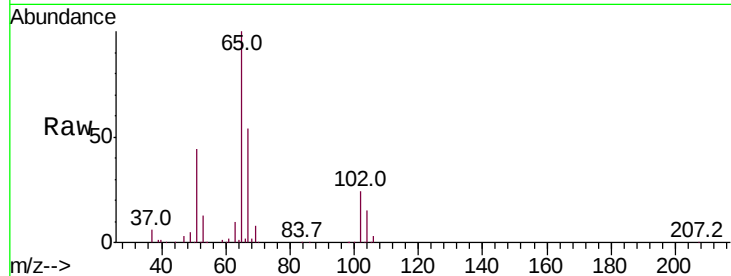
158-88-(1)

Tot Ion: 65 Resp: 104085

Ion Ratio Lower Upper

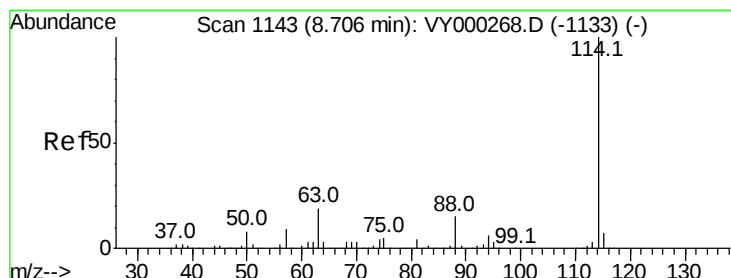
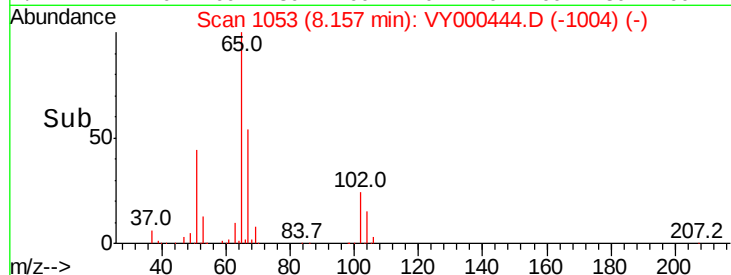
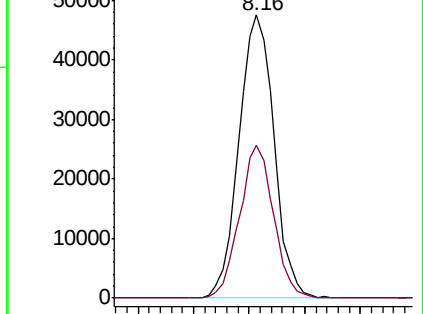
65 100

67 52.4 0.0 109.4



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: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY000444.D

Acq: 25 Oct 2019 21:06

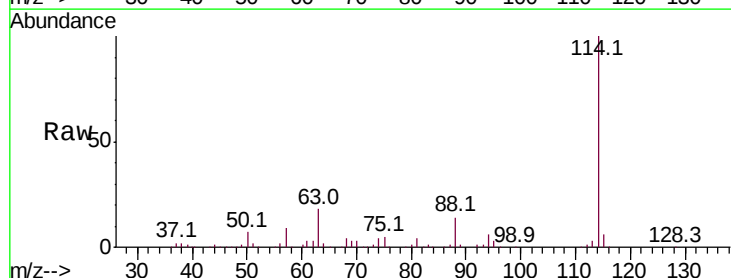
Tgt Ion: 114 Resp: 303286

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.2

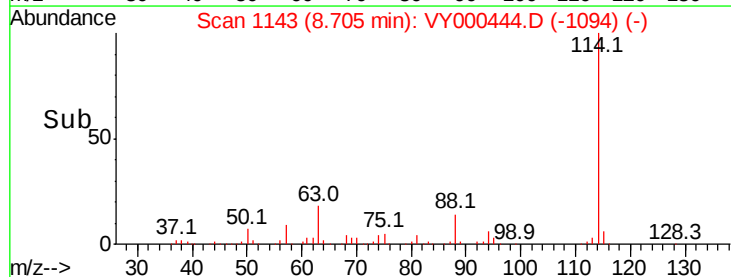
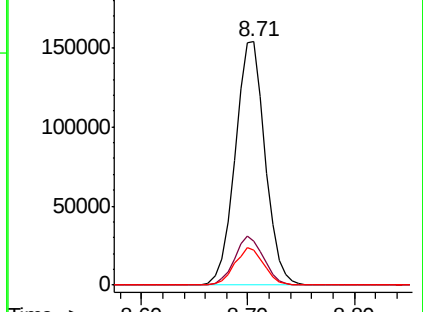
88 14.3 0.0 30.2

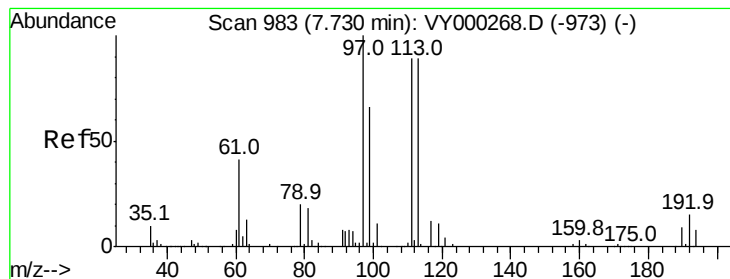


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000444.D

Acq: 25 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

158-88-(1)

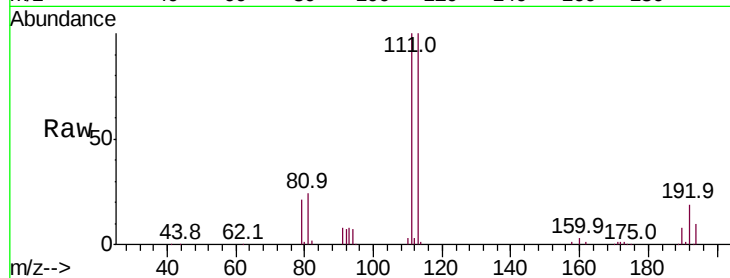
Tot Ion:113 Resp: 91617

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

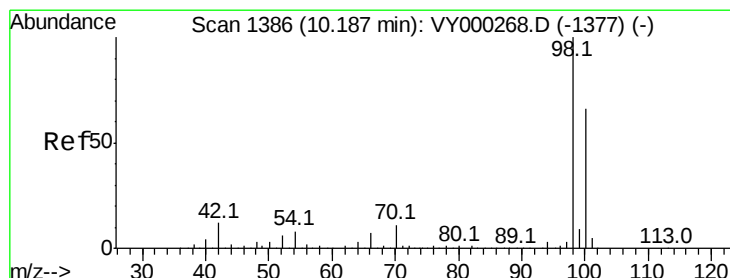
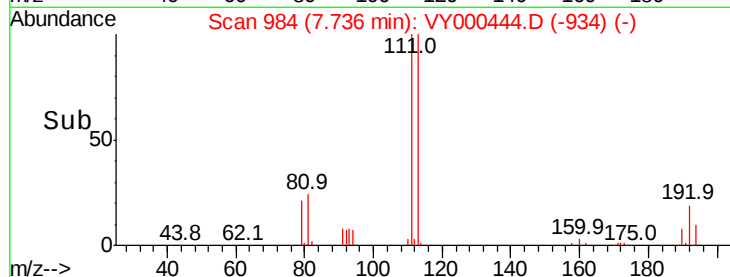
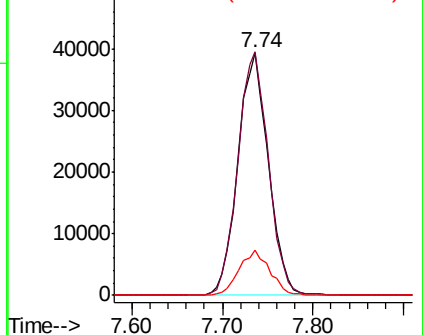
192 18.9 15.3 22.9



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: 50.585 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000444.D

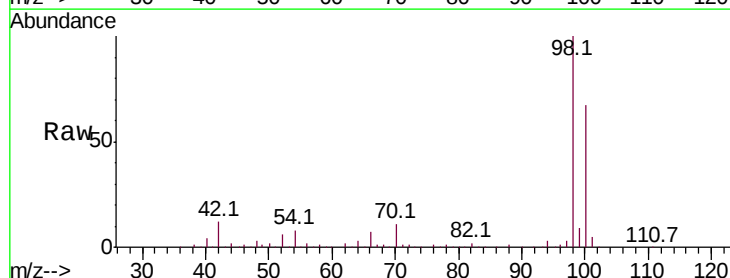
Acq: 25 Oct 2019 21:06

Tgt Ion: 98 Resp: 355986

Ion Ratio Lower Upper

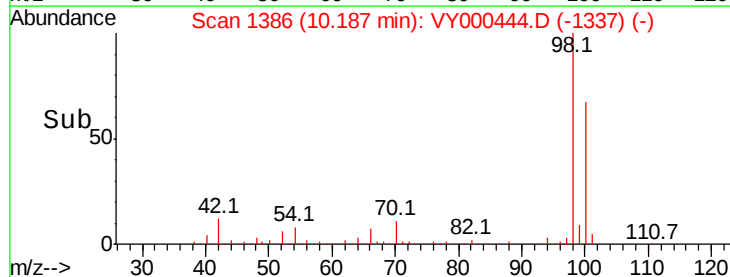
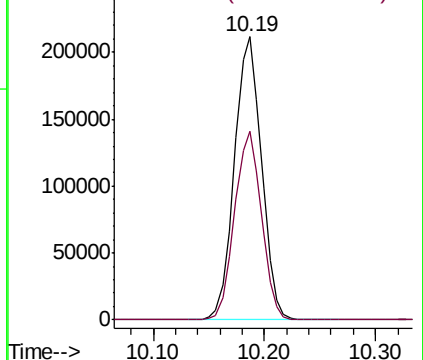
98 100

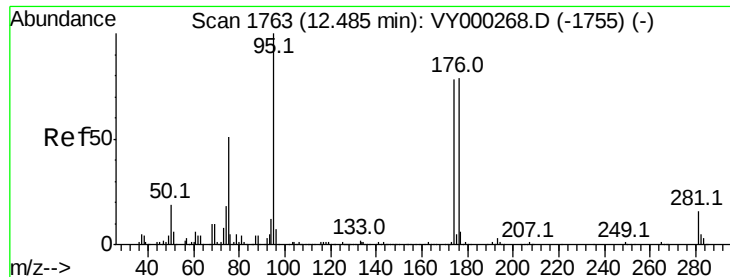
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

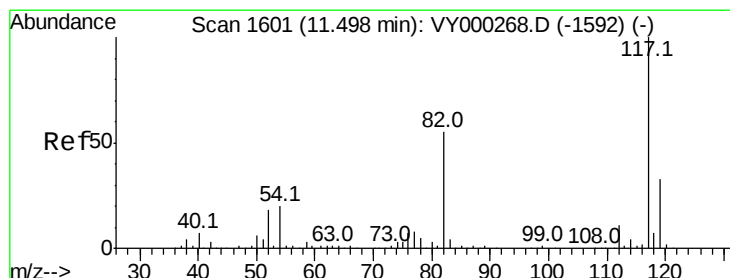
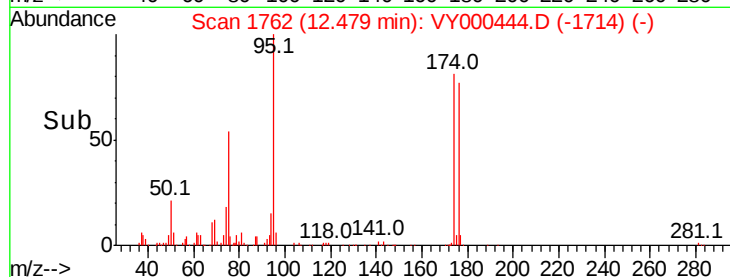
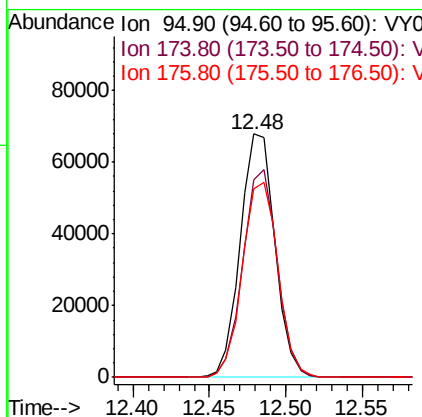
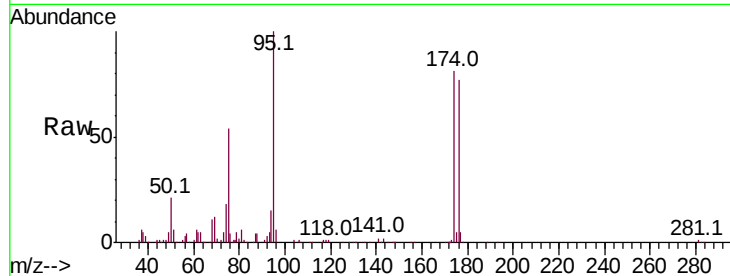




#62
4-Bromofluorobenzene
Concen: 40.042 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000444.D
Acq: 25 Oct 2019 21:06

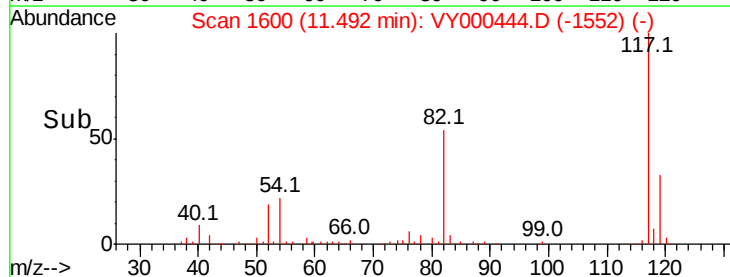
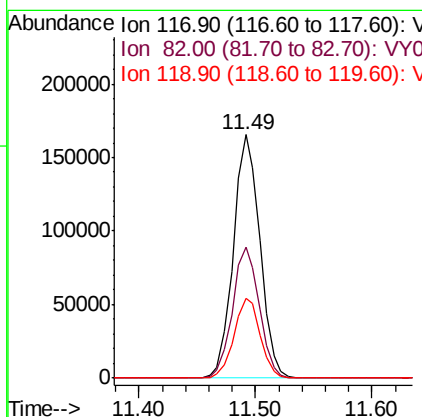
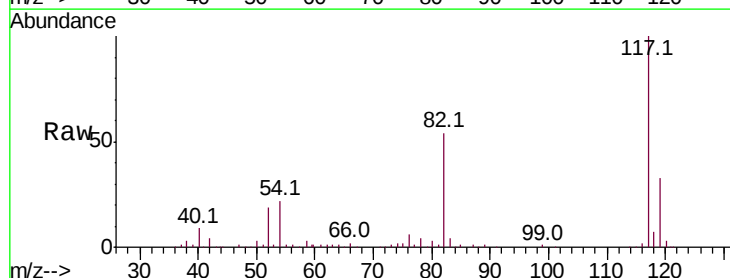
Instrument :
MSVOA_Y
ClientSampleId :
158-88-(1)

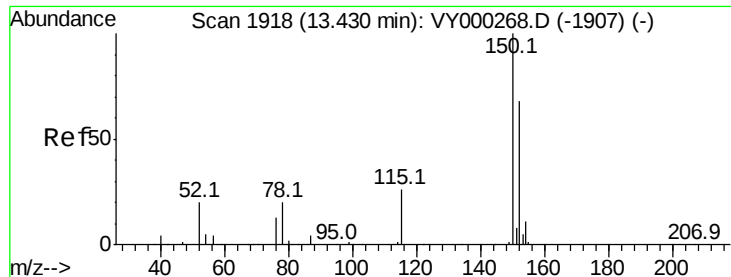
Tot Ion	95	Resp	107057
Ion Ratio	Lower	Upper	
95	100		
174	84.5	0.0	159.6
176	82.4	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000444.D
Acq: 25 Oct 2019 21:06

Tgt Ion	117	Resp	262218
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.7	65.5
119	32.5	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: VY000444.D

Acq: 25 Oct 2019 21:06

Instrument :

MSVOA_Y

ClientSampleId :

158-88-(1)

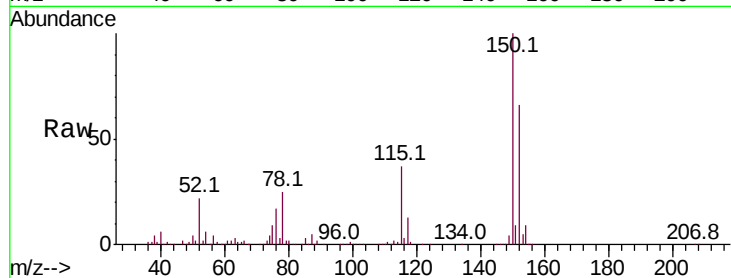
Tot Ion:152 Resp: 106763

Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

150 156.5 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

