

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000296.D
 Acq On : 14 Oct 2019 14:03
 Operator : SY/MD
 Sample : K5350-05
 Misc : 8.22g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230

Quant Time: Oct 15 01:53:37 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	238991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	446388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	384398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	148730	59.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.00%	
35) Dibromofluoromethane	7.73	113	133716	49.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.32%	
50) Toluene-d8	10.19	98	514535	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.49	95	170927	43.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.88%	

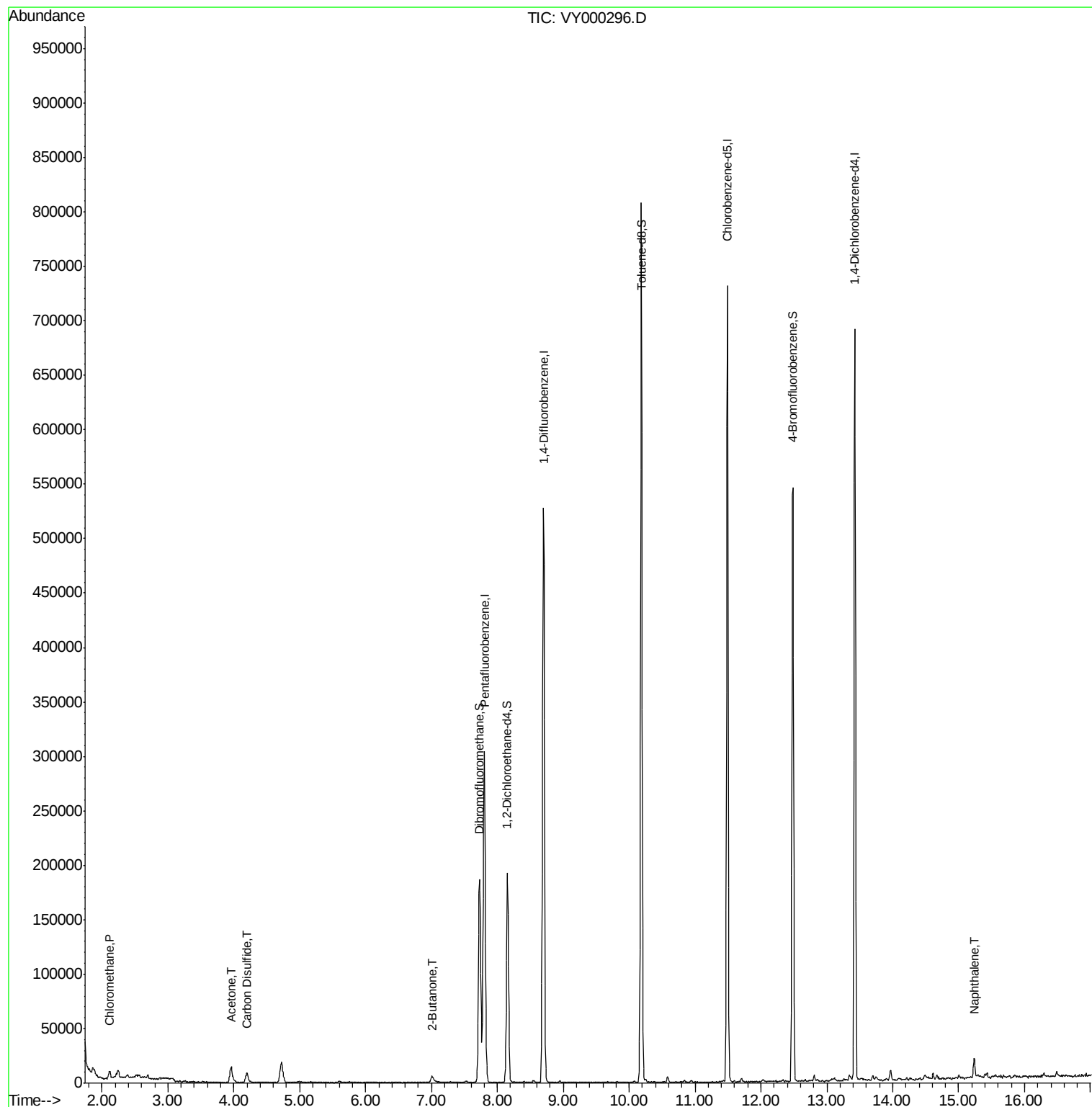
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	5747	1.968	ug/l #	79
16) Acetone	3.96	43	24071	29.484	ug/l	90
17) Carbon Disulfide	4.20	76	16345	2.151	ug/l	99
25) 2-Butanone	7.01	43	9919	8.625	ug/l #	82
95) Naphthalene	15.23	128	12167	1.538	ug/l #	94

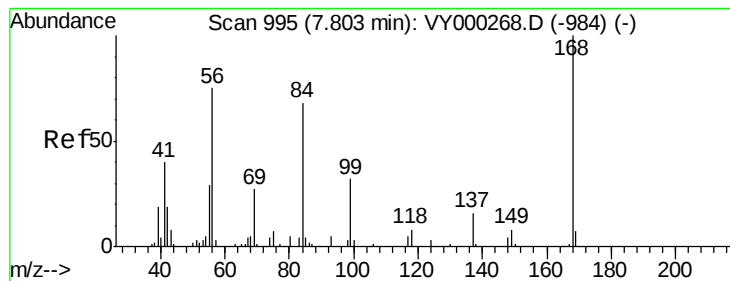
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

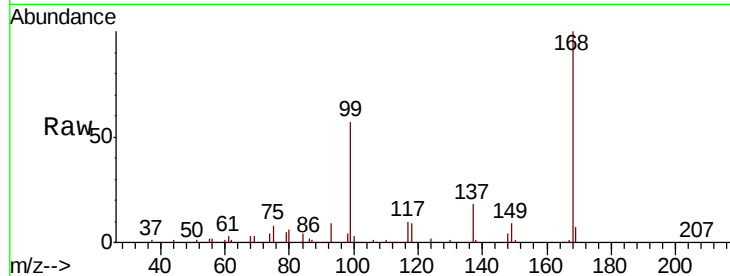
VNJ-230

Tot Ion:168 Resp: 238991

Ion Ratio Lower Upper

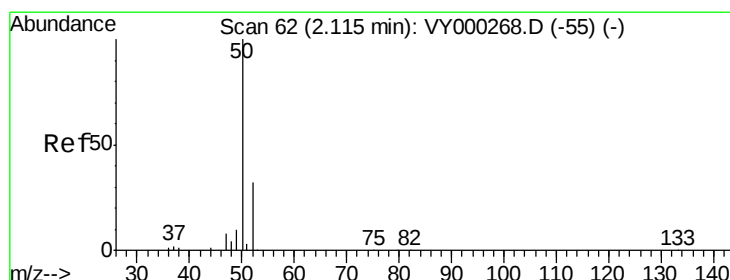
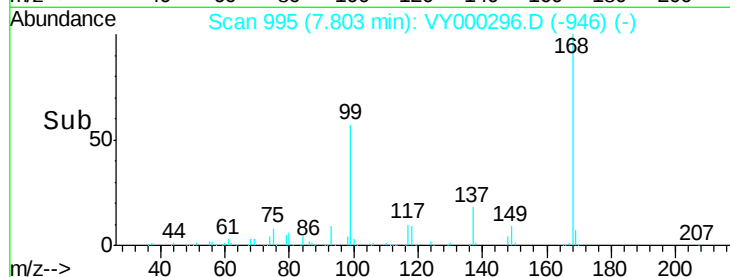
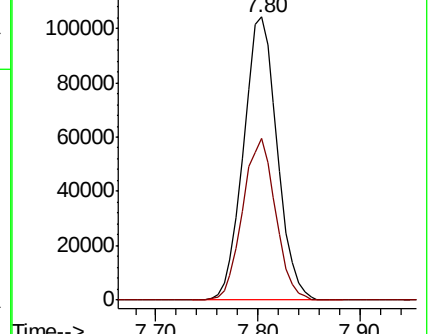
168 100

99 57.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000296.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000296.D (-946) (-)



#3

Chloromethane

Concen: 1.968 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000296.D

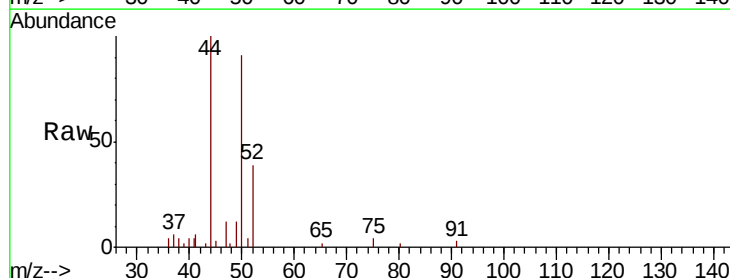
Acq: 14 Oct 2019 14:03

Tgt Ion: 50 Resp: 5747

Ion Ratio Lower Upper

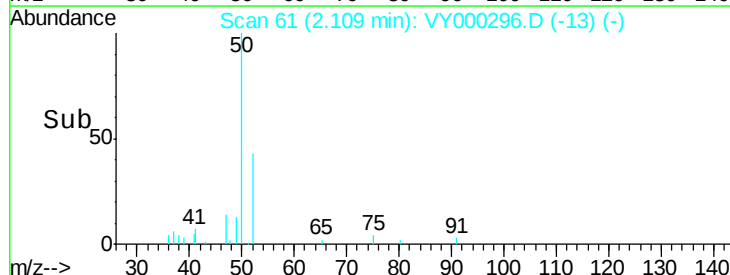
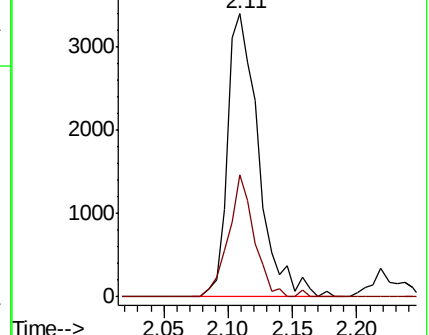
50 100

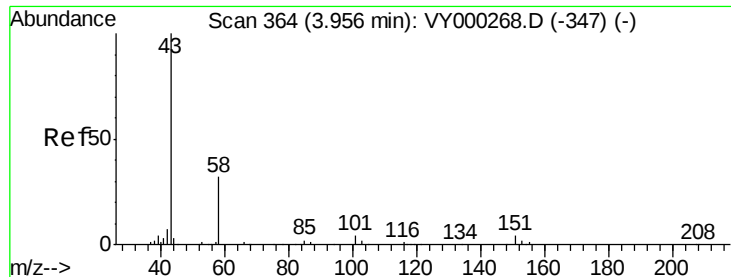
52 43.2 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000296.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000296.D (-13) (-)





#16

Acetone

Concen: 29.484 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

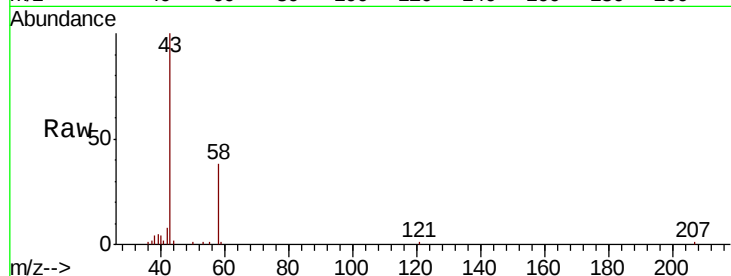
VNJ-230

Tot Ion: 43 Resp: 24071

Ion Ratio Lower Upper

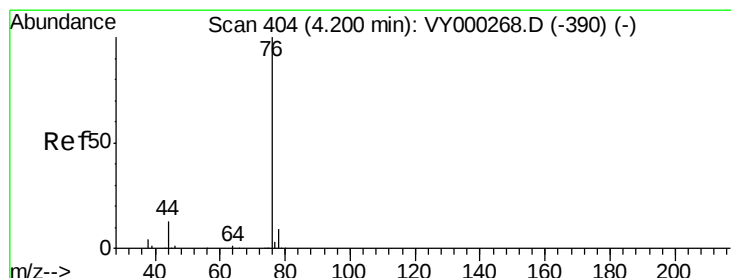
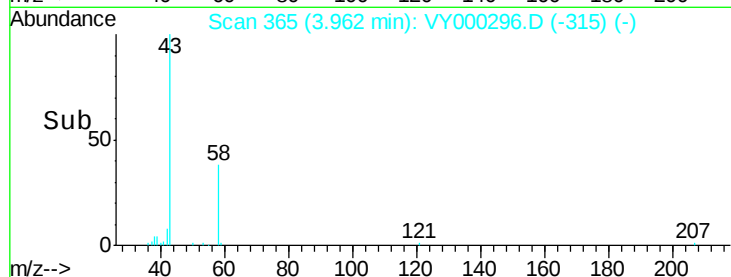
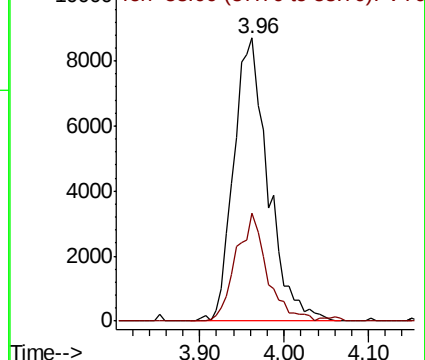
43 100

58 38.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 2.151 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY000296.D

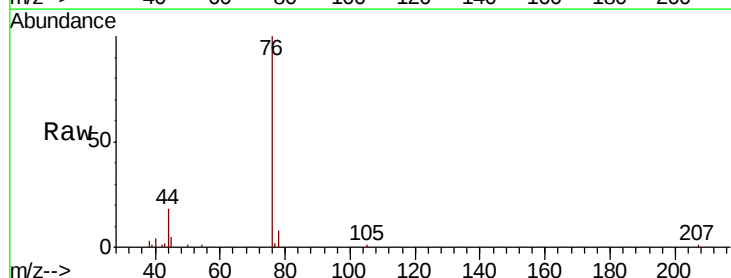
Acq: 14 Oct 2019 14:03

Tgt Ion: 76 Resp: 16345

Ion Ratio Lower Upper

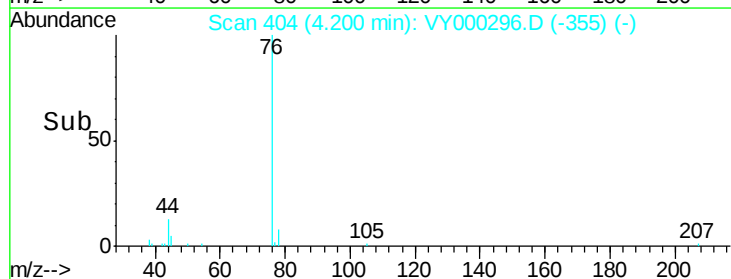
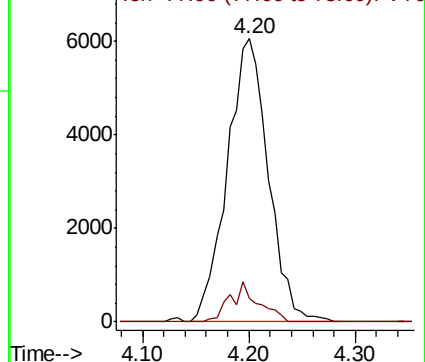
76 100

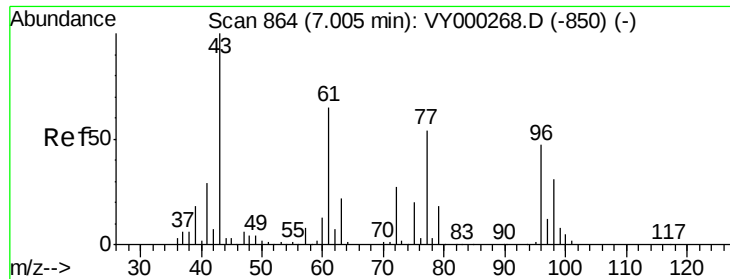
78 8.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0





#25

2-Butanone

Concen: 8.625 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

Instrument :

MSVOA_Y

ClientSampled :

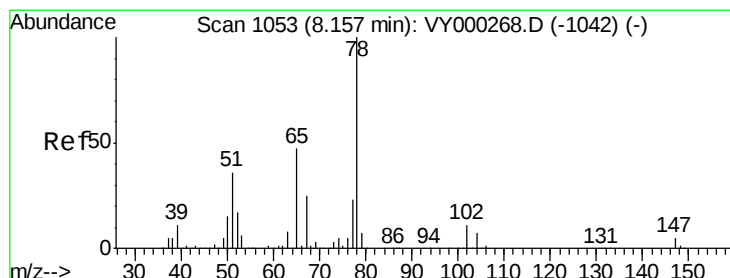
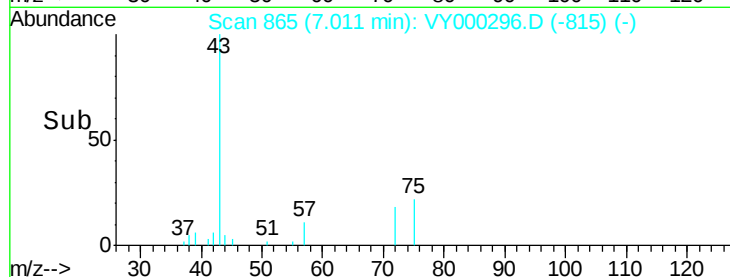
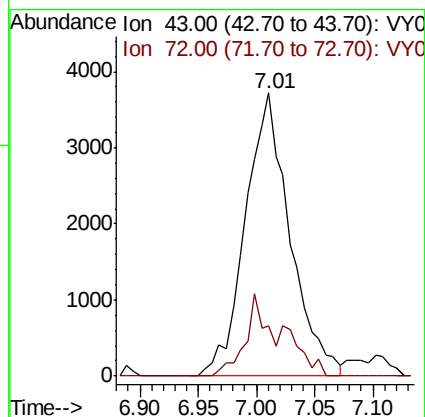
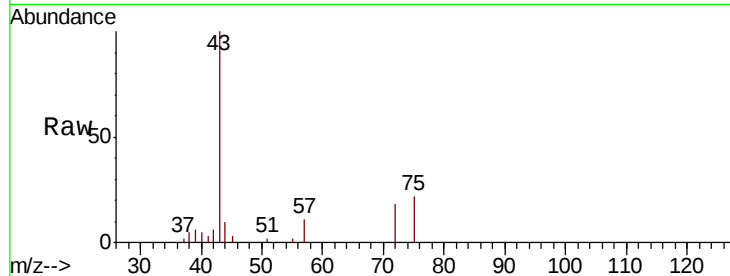
VNJ-230

Tot Ion: 43 Resp: 9919

Ion Ratio Lower Upper

43 100

72 17.6 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 58.997 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000296.D

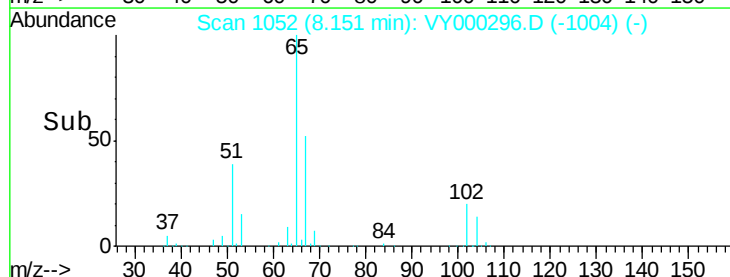
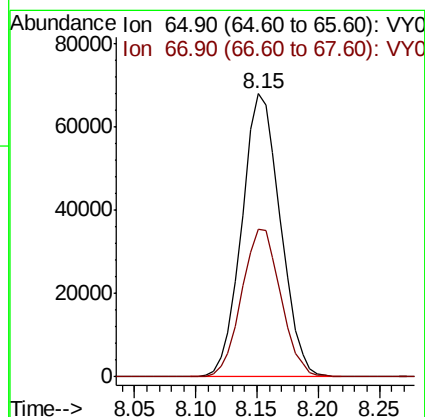
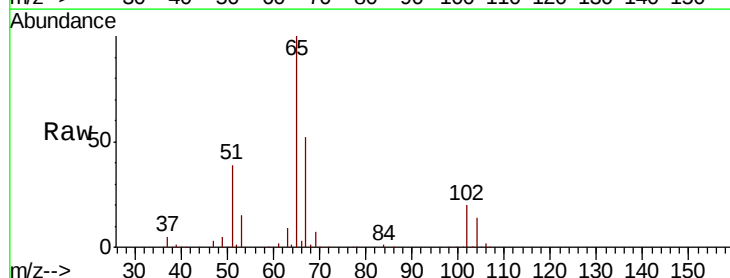
Acq: 14 Oct 2019 14:03

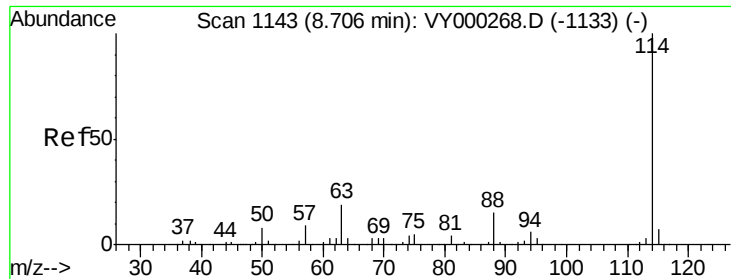
Tgt Ion: 65 Resp: 148730

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.4

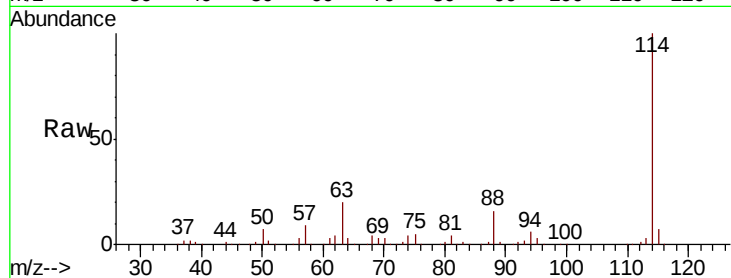




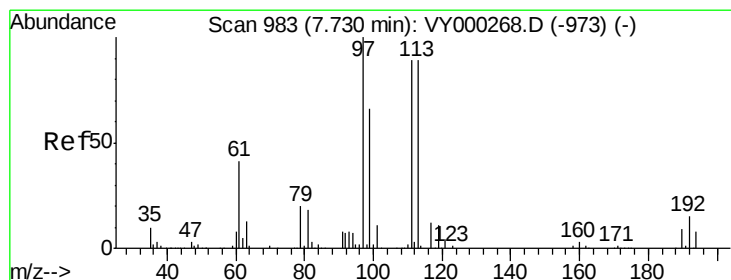
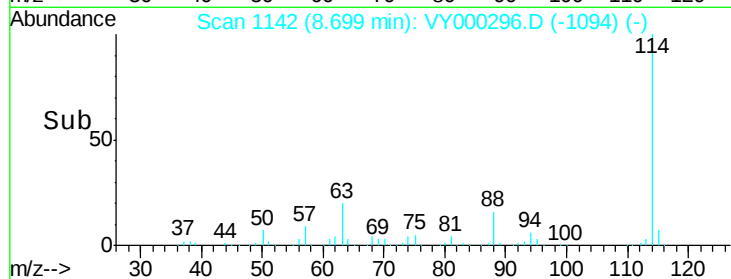
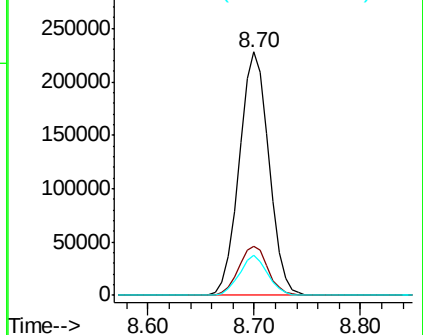
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000296.D
 Acq: 14 Oct 2019 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230

Tot Ion:114 Resp: 446388
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 16.5 0.0 30.2

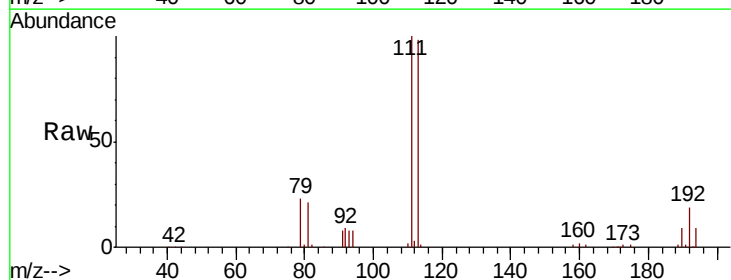


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

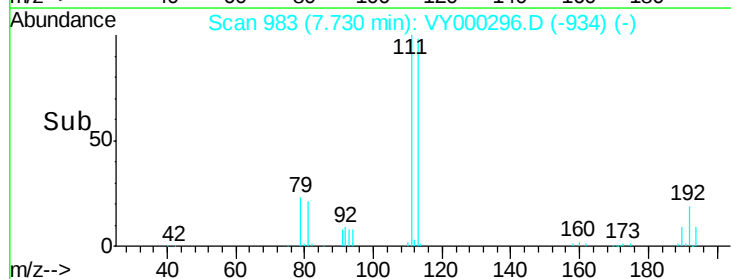
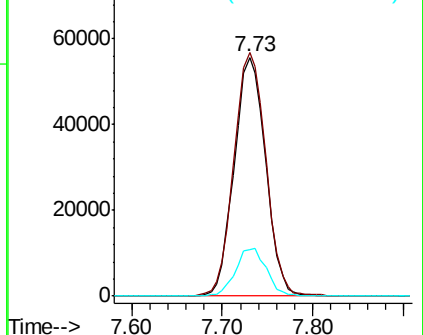


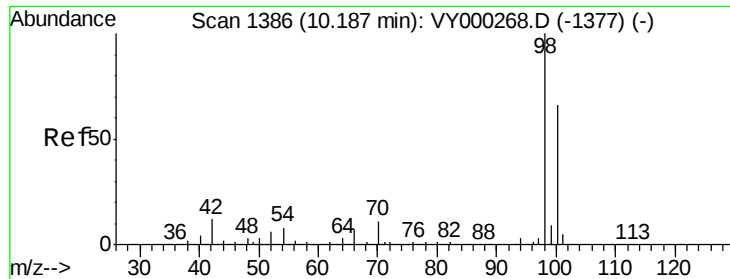
#35
 Dibromofluoromethane
 Concen: 49.660 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000296.D
 Acq: 14 Oct 2019 14:03

Tgt Ion:113 Resp: 133716
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.6 122.4
 192 19.6 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: 49.675 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

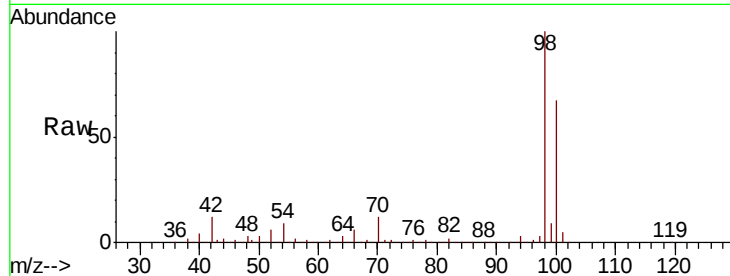
VNJ-230

Tot Ion: 98 Resp: 514535

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

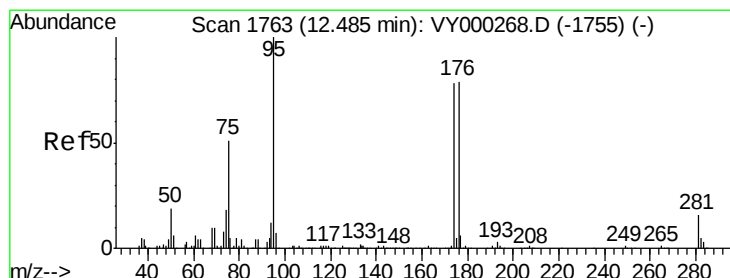
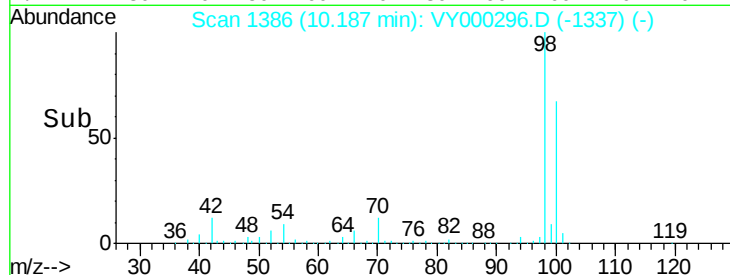
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.437 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

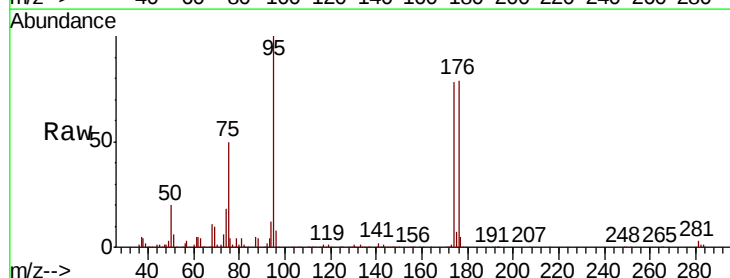
Tgt Ion: 95 Resp: 170927

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.6

176 78.2 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

12.49

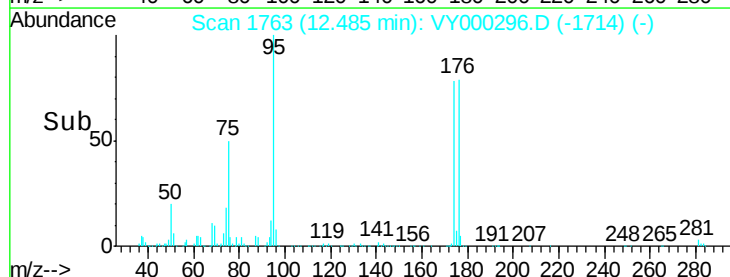
150000

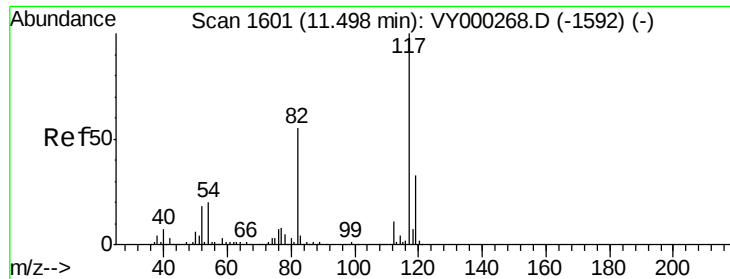
100000

50000

0

Time-->

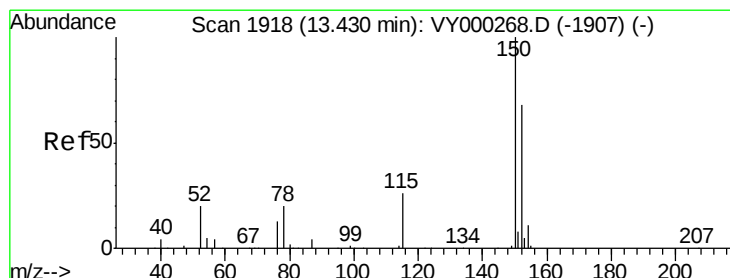
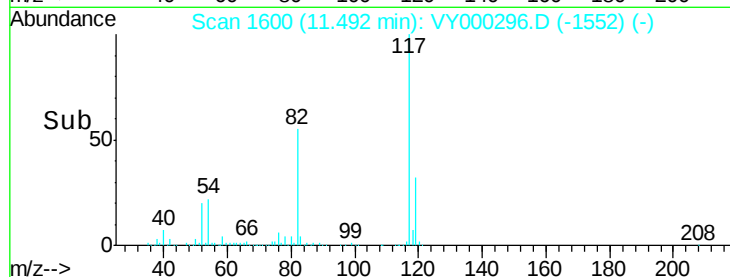
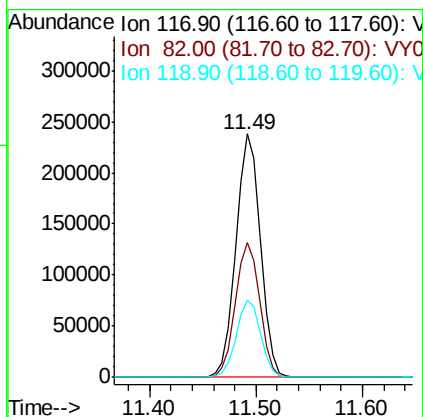
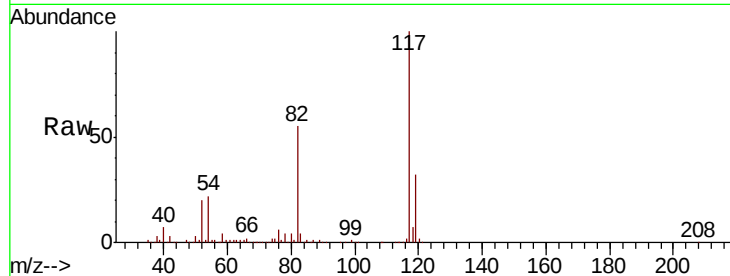




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

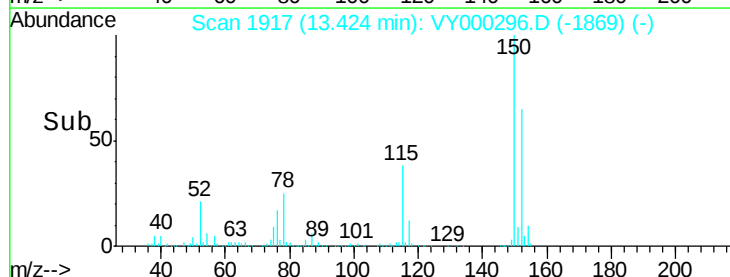
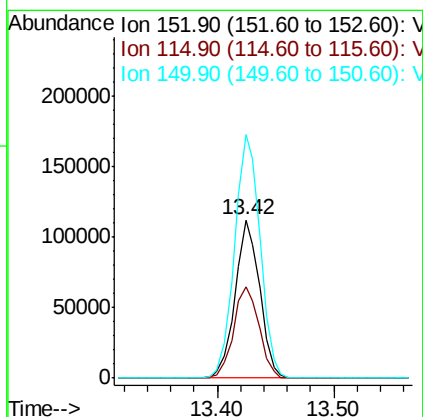
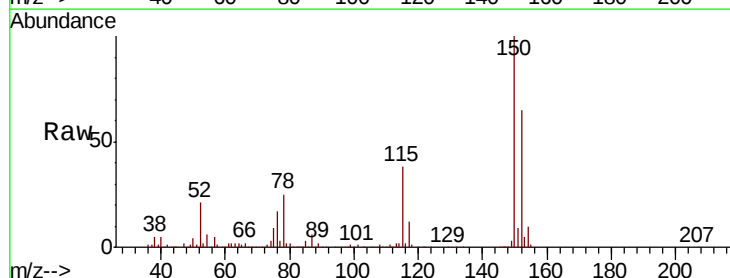
Instrument :
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VNJ-230

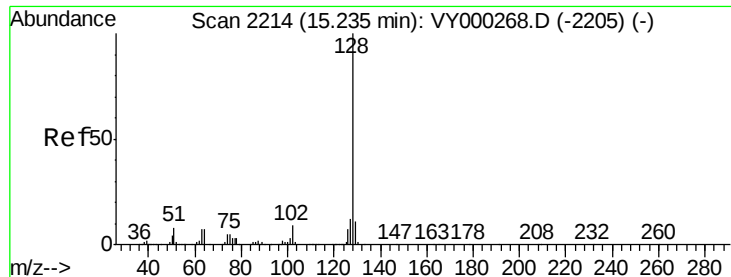
Tot Ion:117 Resp: 384398
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion:152 Resp: 164562
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 159.8 0.0 348.4





#95

Naphthalene

Concen: 1.538 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000296.D

Acq: 14 Oct 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-230

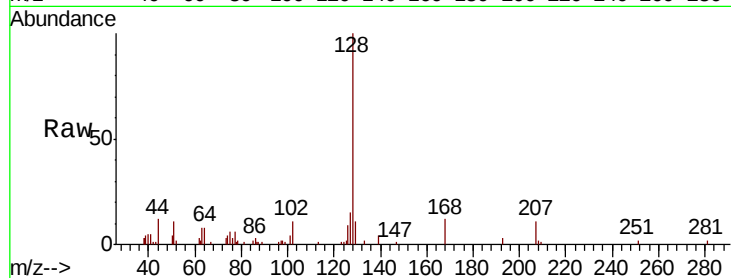
Tot Ion:128 Resp: 12167

Ion Ratio Lower Upper

128 100

127 15.7 9.6 14.4#

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

