

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003114.D
 Acq On : 06 Jul 2020 16:27
 Operator : SY/MD
 Sample : L3228-02
 Misc : 7.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

Quant Time: Jul 07 08:29:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

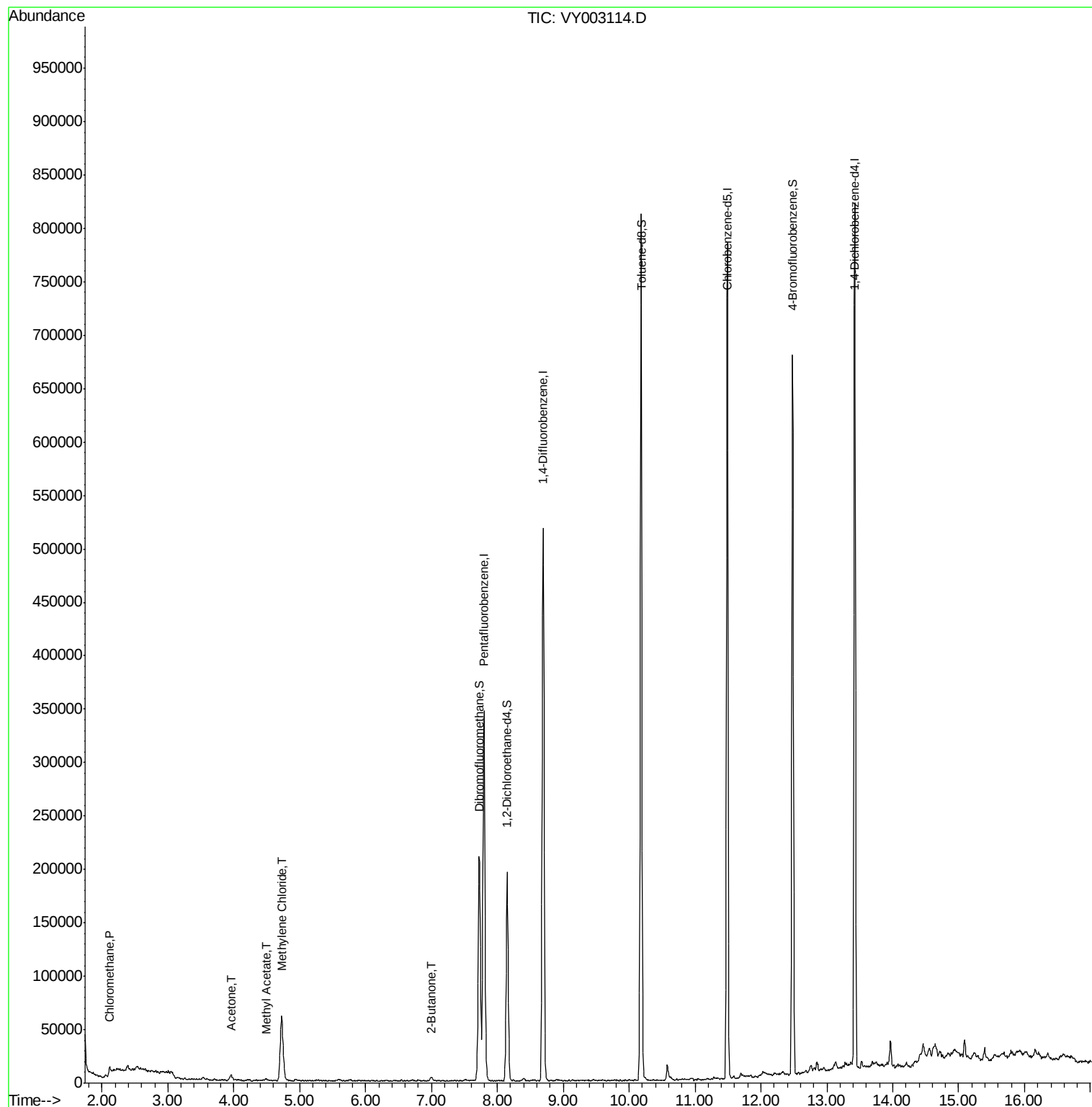
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	281875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	425642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150282	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.72	113	150175	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	10.18	98	538740	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	191611	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
3) Chloromethane	2.12	50	3660	1.171	ug/l	89
16) Acetone	3.96	43	9557	14.474	ug/l	97
18) Methyl Acetate	4.49	43	2897	1.629	ug/l #	83
20) Methylene Chloride	4.72	84	46563	10.263	ug/l	90
25) 2-Butanone	7.00	43	4198	4.002	ug/l #	83

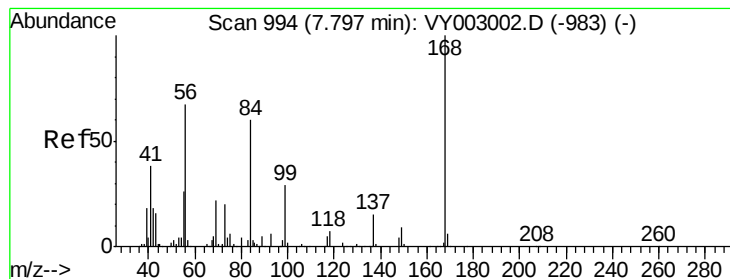
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003114.D

Acq: 06 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

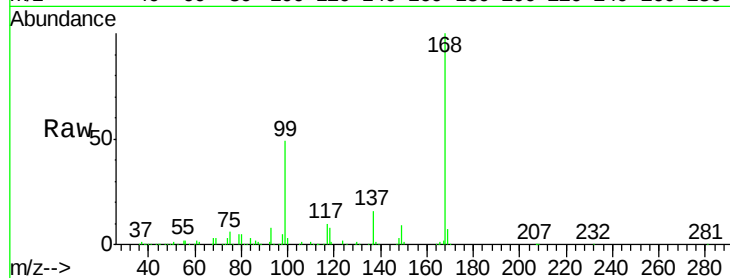
VNJ-217

Tot Ion:168 Resp: 281875

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003114.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003114.D (-945) (-)

7.80

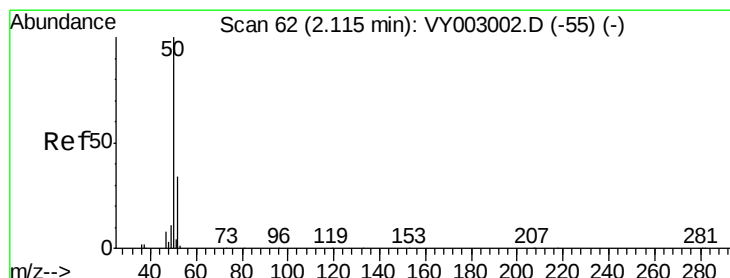
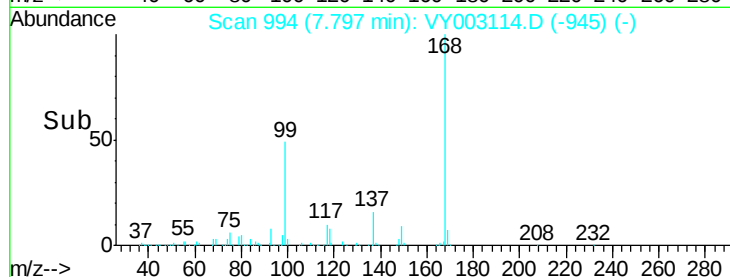
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.171 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003114.D

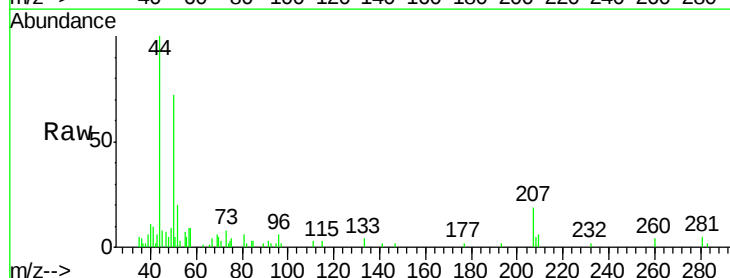
Acq: 06 Jul 2020 16:27

Tgt Ion: 50 Resp: 3660

Ion Ratio Lower Upper

50 100

52 27.2 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003114.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003114.D (-13) (-)

2.12

3000

2500

2000

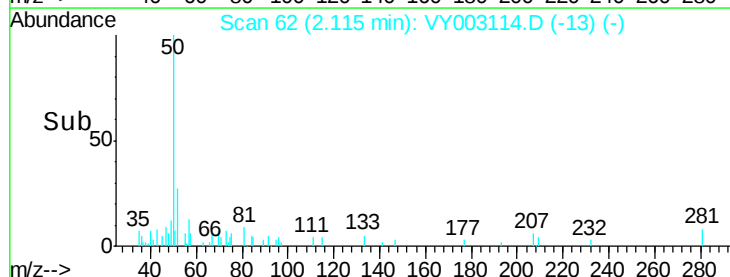
1500

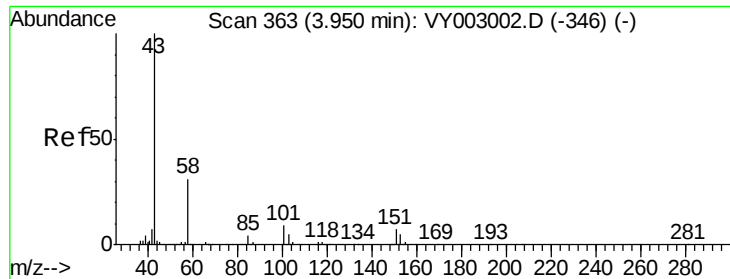
1000

500

0

Time-->





#16

Acetone

Concen: 14.474 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003114.D

Acq: 06 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

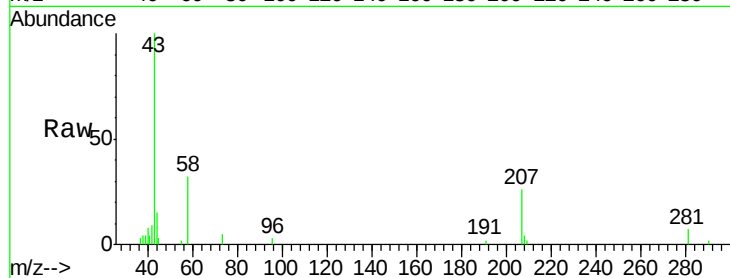
VNJ-217

Tot Ion: 43 Resp: 9557

Ion Ratio Lower Upper

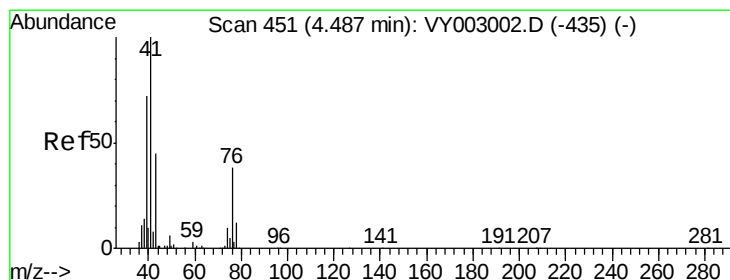
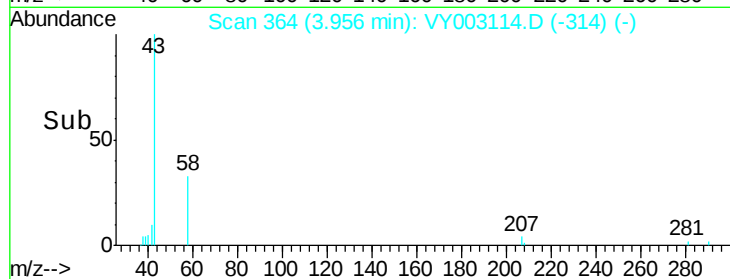
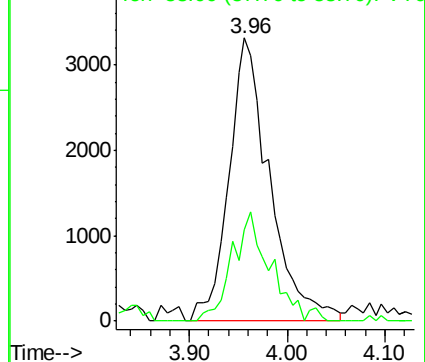
43 100

58 32.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 1.629 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003114.D

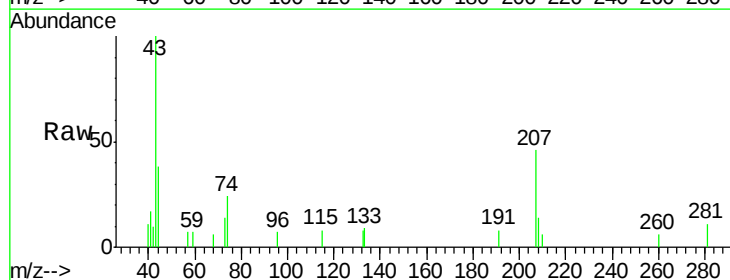
Acq: 06 Jul 2020 16:27

Tgt Ion: 43 Resp: 2897

Ion Ratio Lower Upper

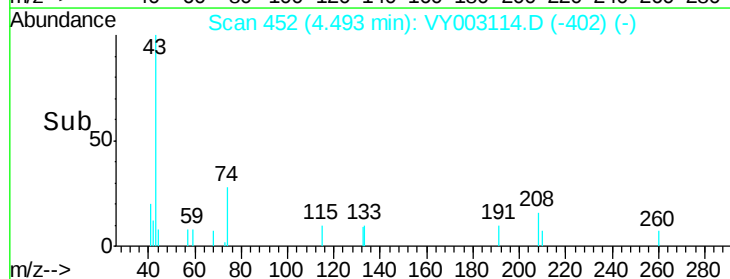
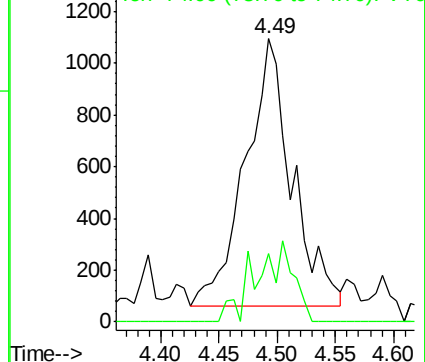
43 100

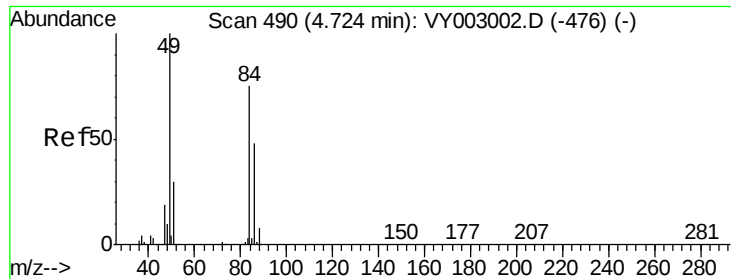
74 14.7 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

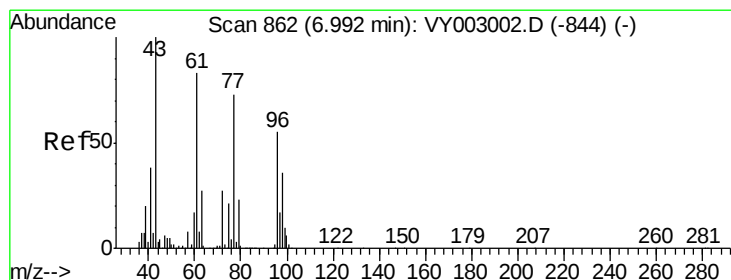
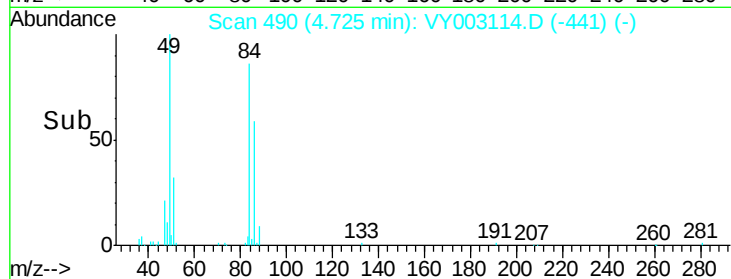
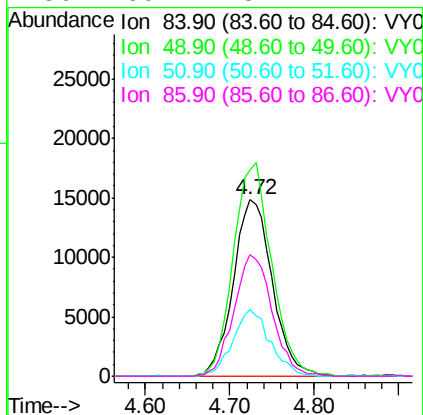
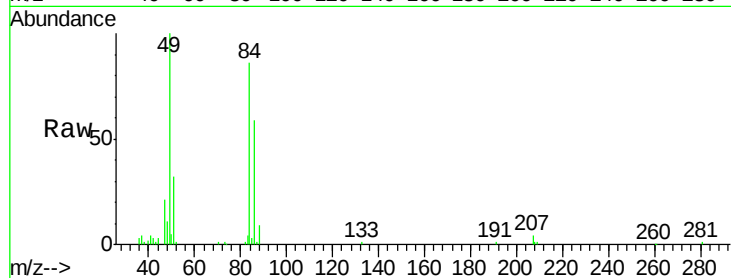




#20
Methvlene Chloride
Concen: 10.263 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003114.D
Acq: 06 Jul 2020 16:27

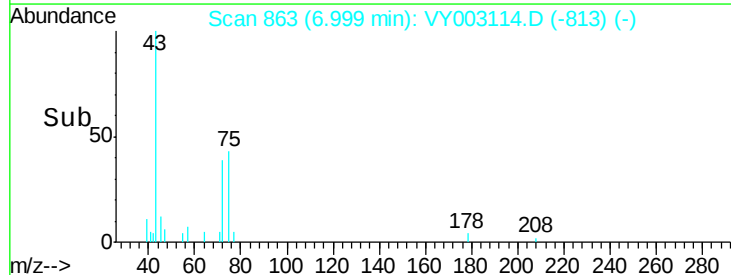
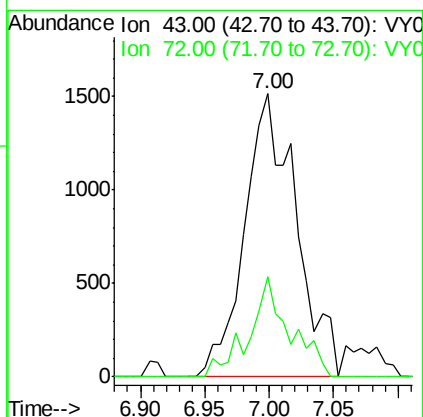
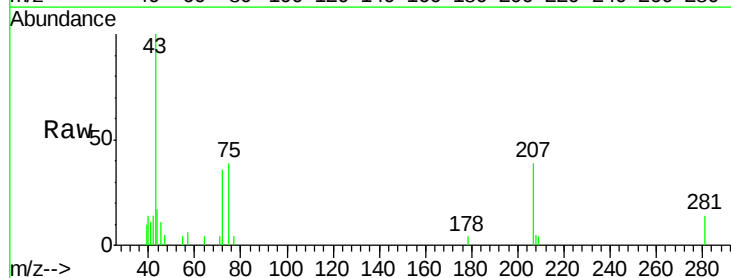
Instrument :
MSVOA_Y
ClientSampled :
VNJ-217

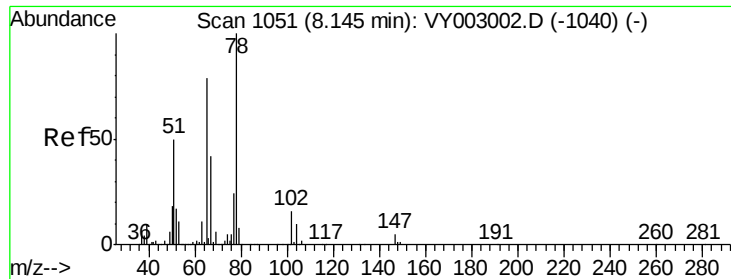
Tot Ion: 84 Resp: 46563
Ion Ratio Lower Upper
84 100
49 116.9 106.8 160.2
51 37.8 32.0 48.0
86 69.1 51.4 77.2



#25
2-Butanone
Concen: 4.002 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003114.D
Acq: 06 Jul 2020 16:27

Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
72 35.6 21.4 32.0#

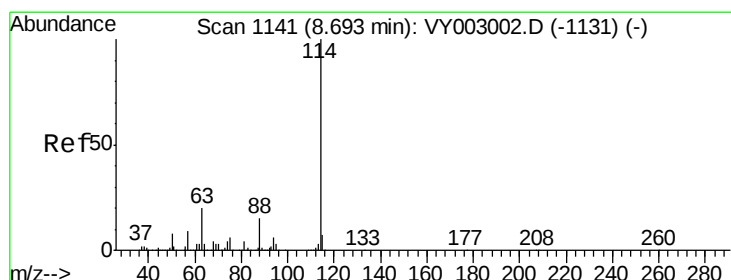
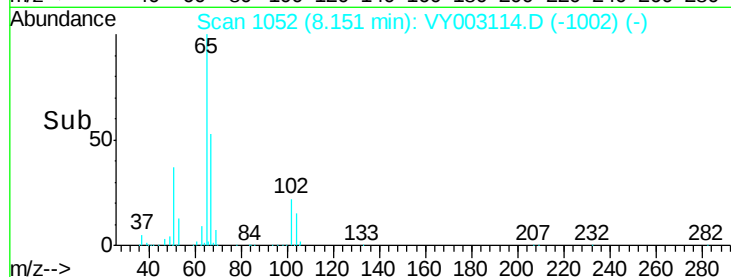
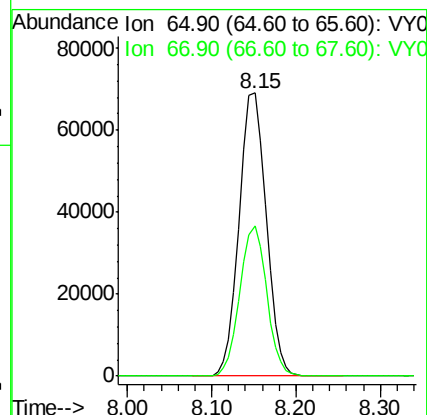
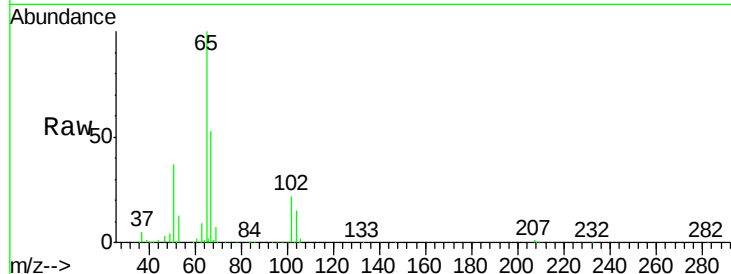




#33
 1,2-Dichloroethane-d4
 Concen: 53.680 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003114.D
 Acq: 06 Jul 2020 16:27

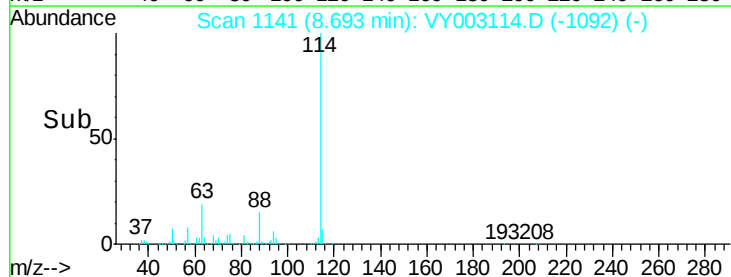
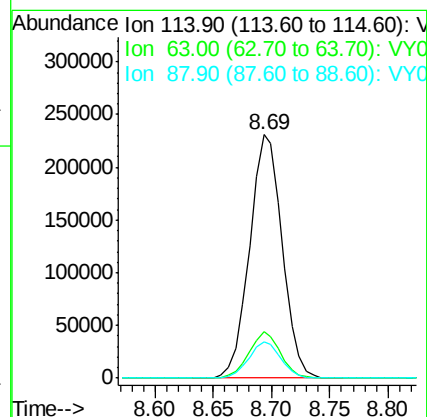
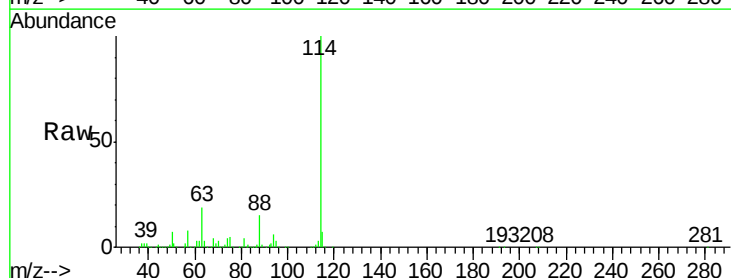
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

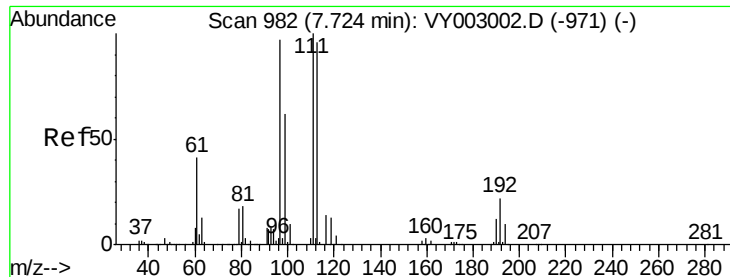
Tot Ion: 65 Resp: 150282
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003114.D
 Acq: 06 Jul 2020 16:27

Tgt Ion: 114 Resp: 451485
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 14.7 0.0 30.0

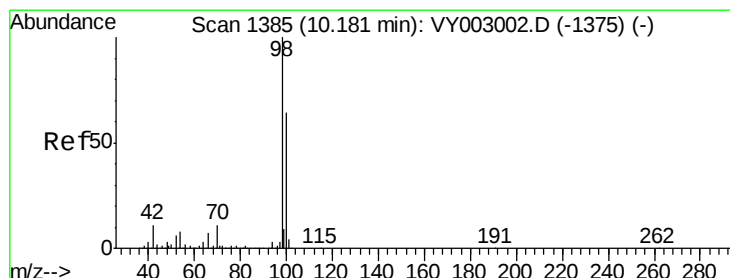
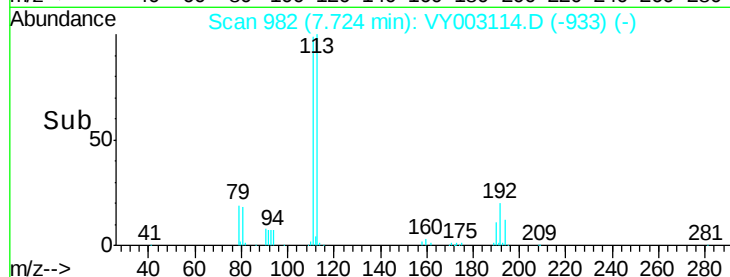
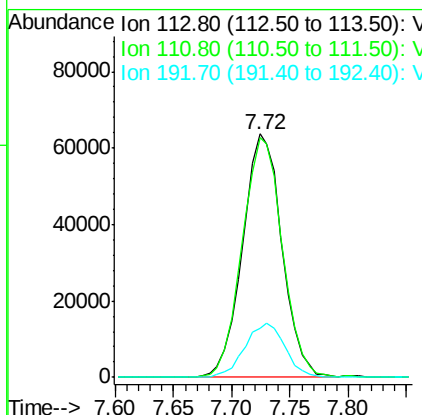
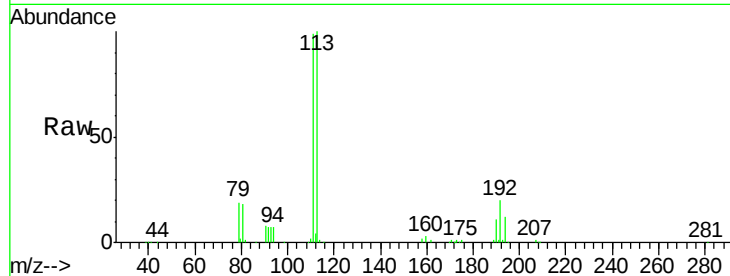




#35
 Dibromofluoromethane
 Concen: 53.321 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003114.D
 Acq: 06 Jul 2020 16:27

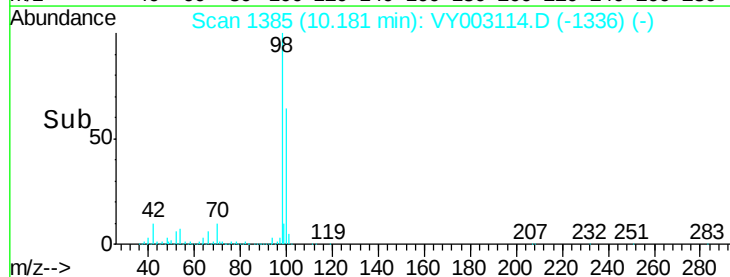
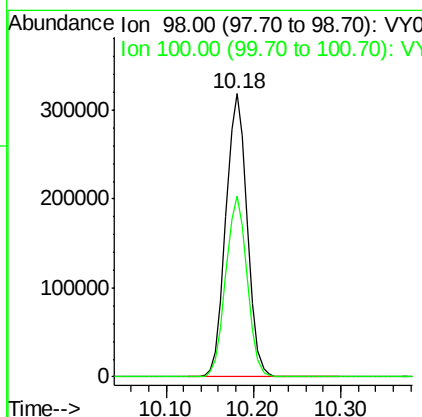
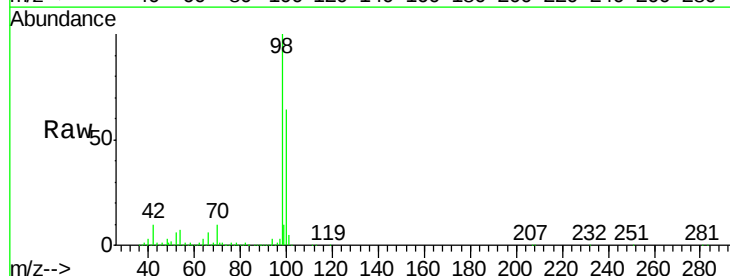
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

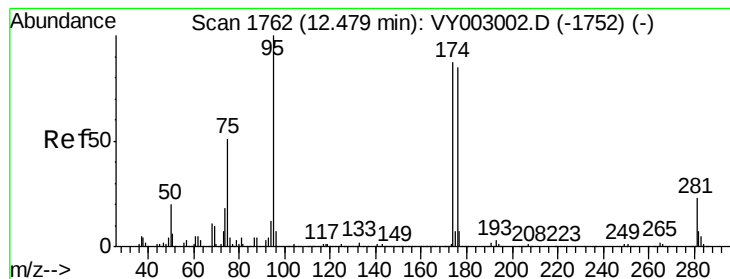
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.6	123.8
192	22.8	18.1	27.1



#50
 Toluene-d8
 Concen: 51.345 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003114.D
 Acq: 06 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 51.880 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003114.D

Acq: 06 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-217

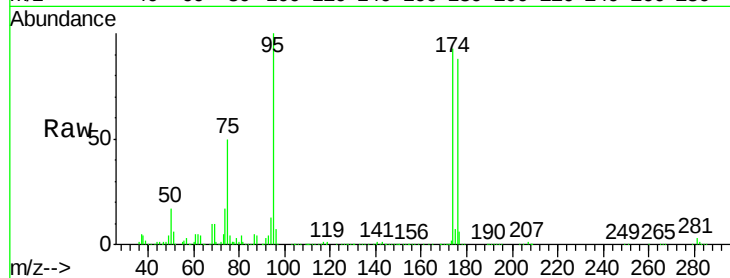
Tot Ion: 95 Resp: 191611

Ion Ratio Lower Upper

95 100

174 96.3 0.0 184.8

176 93.4 0.0 183.0



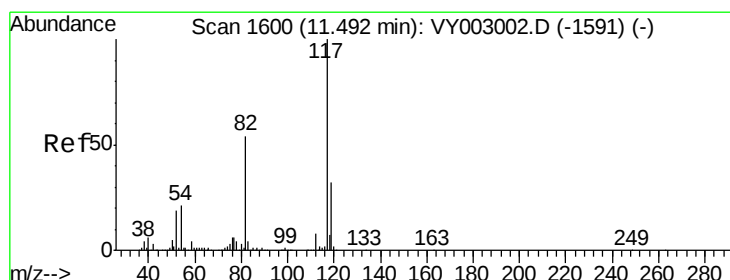
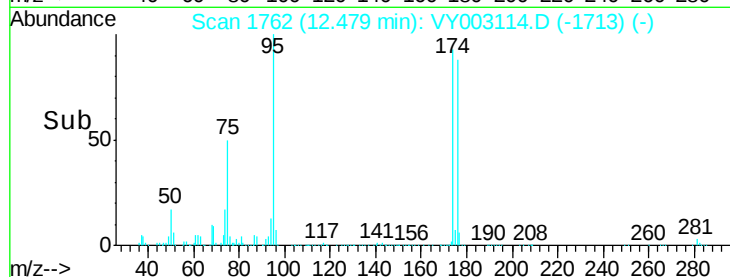
Abundance Ion 94.90 (94.60 to 95.60): VY003114.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003114.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003114.D (-1752) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003114.D

Acq: 06 Jul 2020 16:27

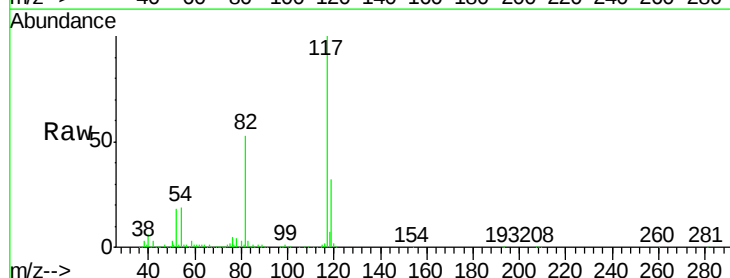
Tgt Ion: 117 Resp: 425642

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

119 31.7 25.8 38.8



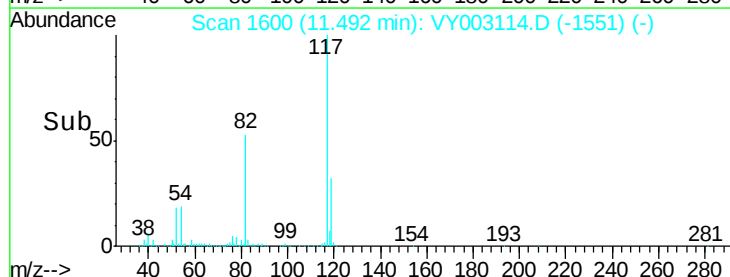
Abundance Ion 116.90 (116.60 to 117.60): VY003114.D (-1591) (-)

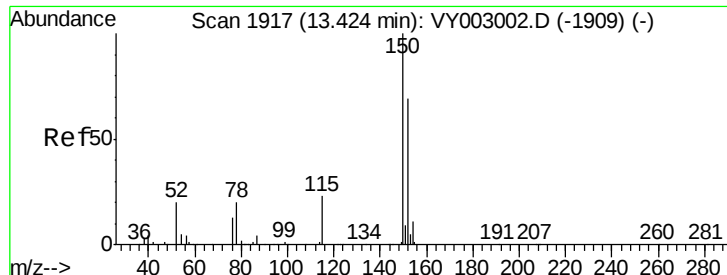
Ion 82.00 (81.70 to 82.70): VY003114.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003114.D (-1591) (-)

11.49

Time-->



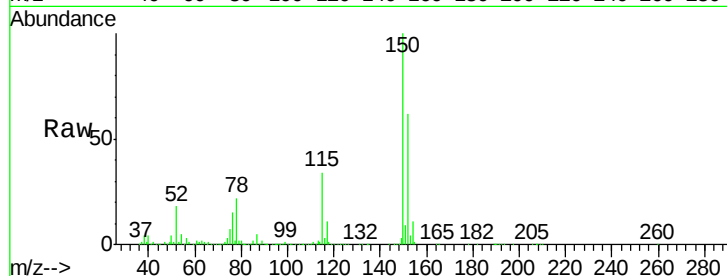


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003114.D
 Acq: 06 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-217

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	157.7	0.0	343.4



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

