

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002221.D
 Acq On : 03 Apr 2020 16:18
 Operator : SY/MD
 Sample : L2153-01
 Misc : 6.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Apr 04 00:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

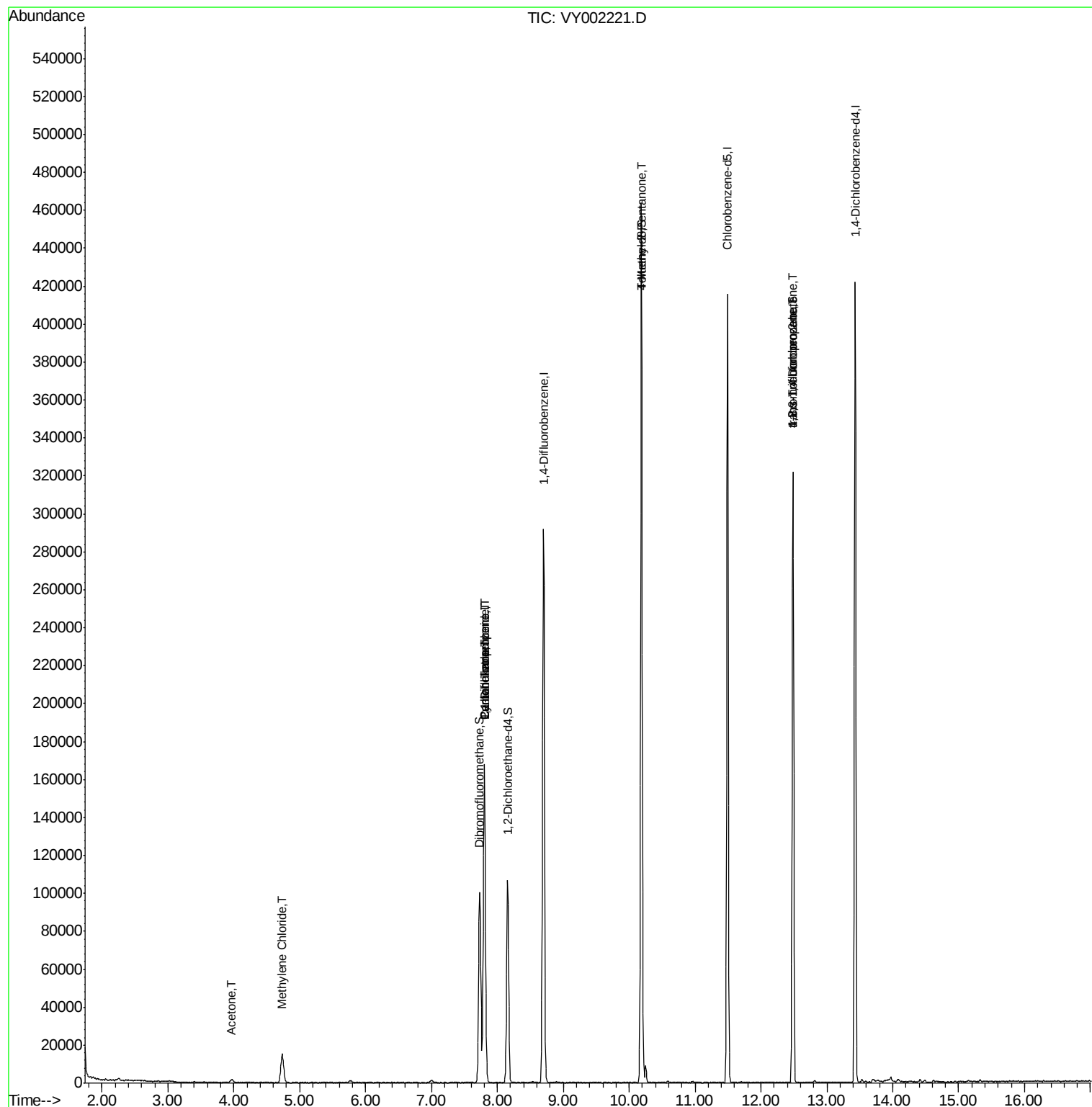
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	244221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	100401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80291	58.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.72%	
35) Dibromofluoromethane	7.74	113	72737	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.19	98	299766	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.49	95	103013	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	3192	8.258	ug/l	98
20) Methylene Chloride	4.74	84	11127	2.040	ug/l #	92
31) Cyclohexane	7.80	56	3011	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10799	4.675	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12932	6.598	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1336	1.001	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	51856	46.173	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51856	89.453	ug/l #	17

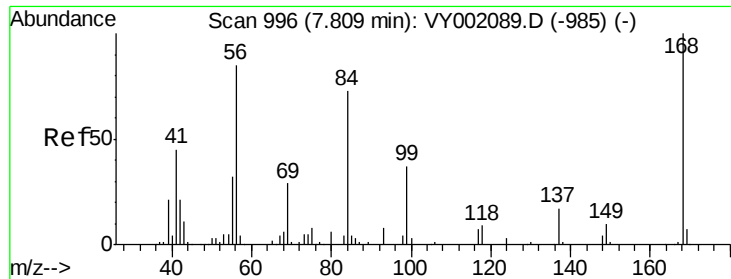
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
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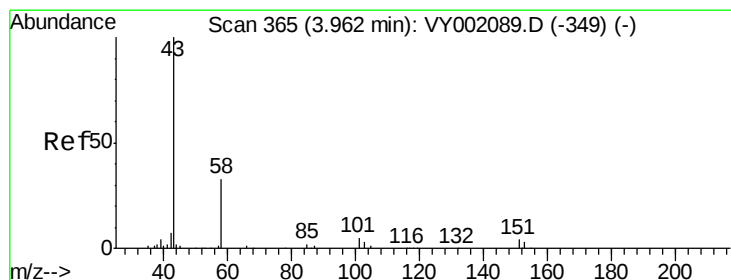
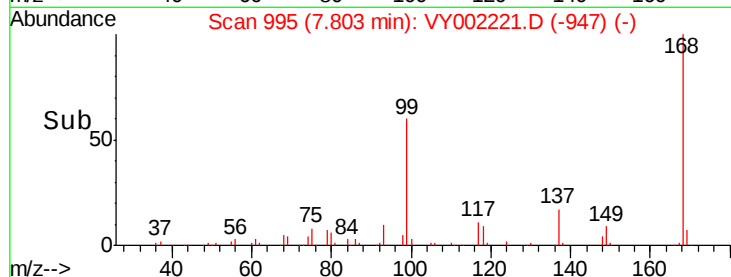
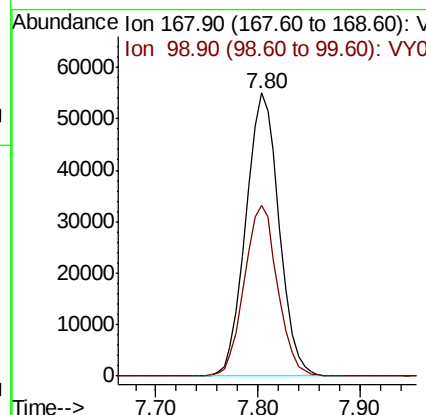
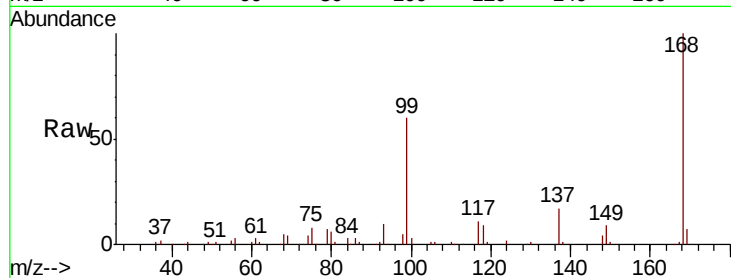




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

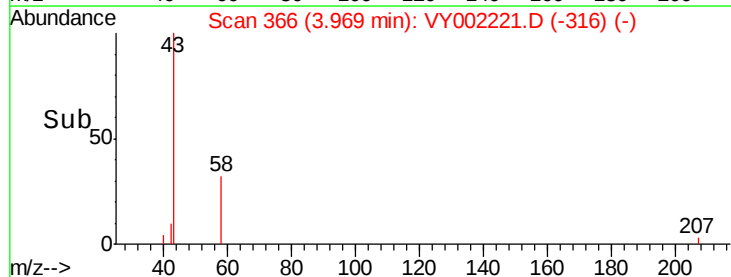
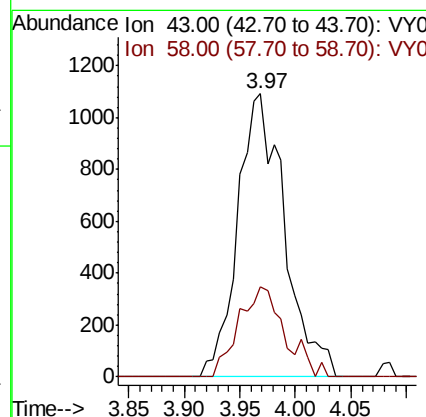
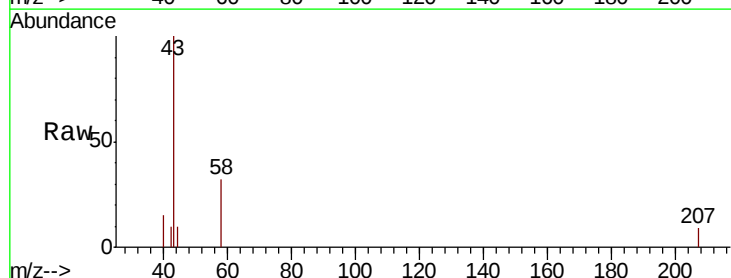
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

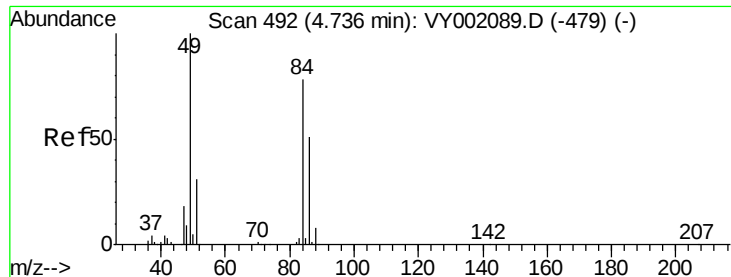
Tot Ion:168 Resp: 124448
Ion Ratio Lower Upper
168 100
99 60.2 47.6 71.4



#16
Acetone
Concen: 8.258 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Tgt Ion: 43 Resp: 3192
Ion Ratio Lower Upper
43 100
58 31.7 26.3 39.5

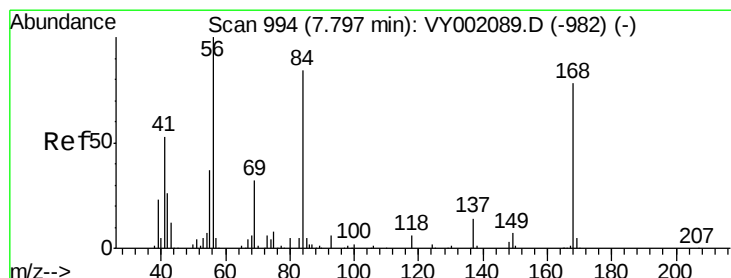
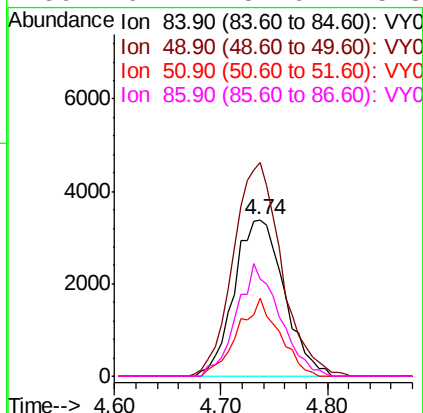
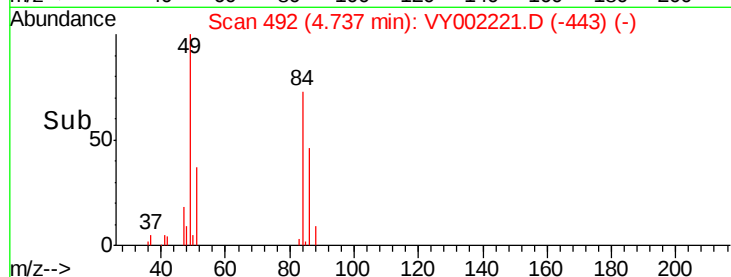
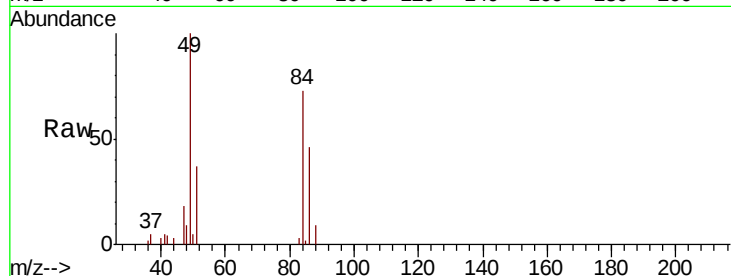




#20
Methvlene Chloride
Concen: 2.040 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

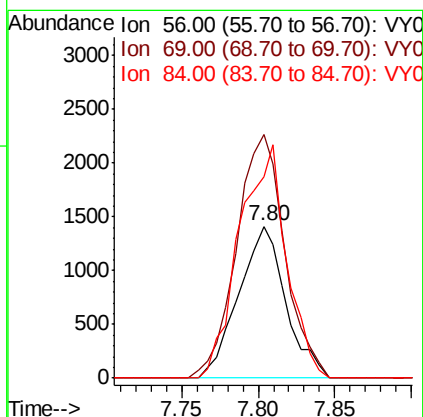
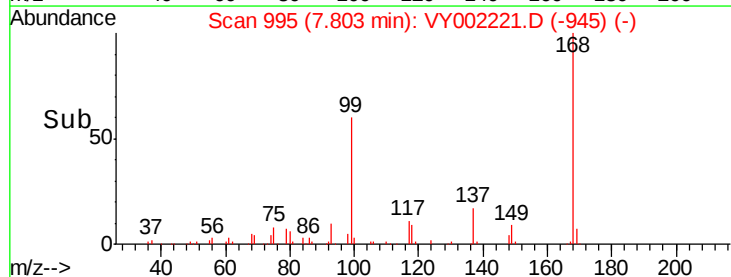
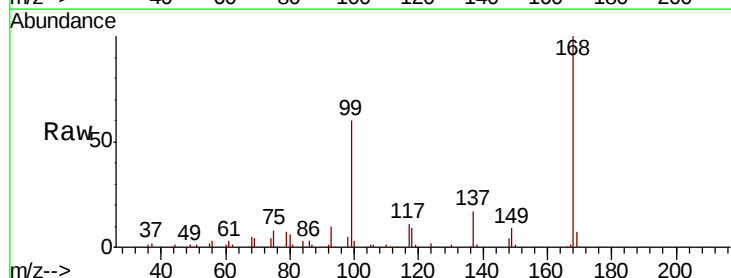
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

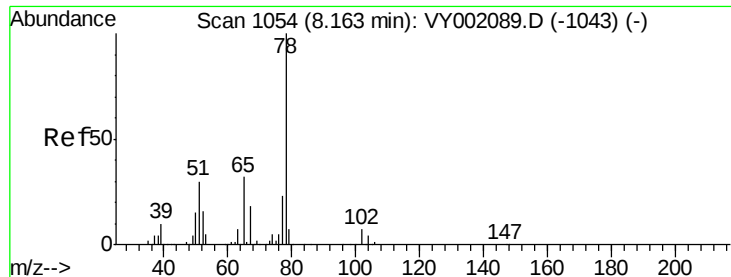
Tot Ion: 84 Resp: 11127
Ion Ratio Lower Upper
84 100
49 136.3 102.2 153.4
51 49.9 31.2 46.8#
86 62.4 52.6 78.8



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Tgt Ion: 56 Resp: 3011
Ion Ratio Lower Upper
56 100
69 160.3 25.8 38.8#
84 137.8 67.1 100.7#

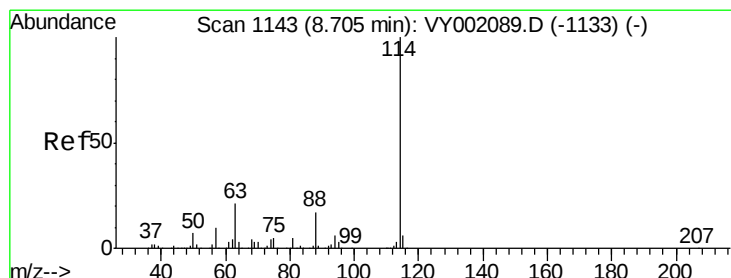
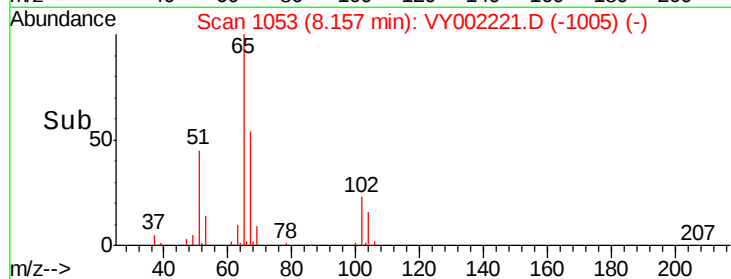
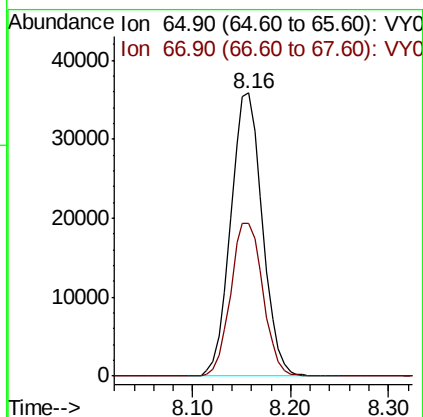
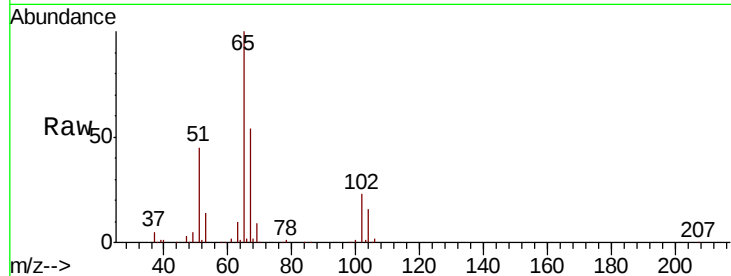




#33
 1,2-Dichloroethane-d4
 Concen: 58.362 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002221.D
 Acq: 03 Apr 2020 16:18

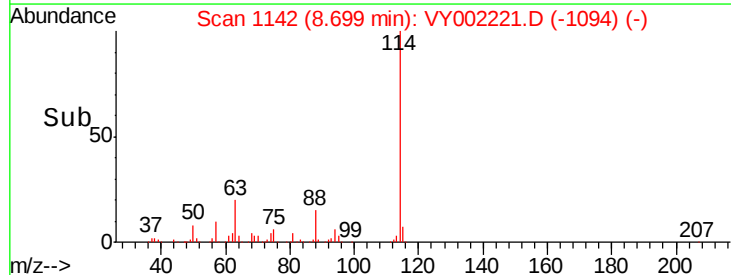
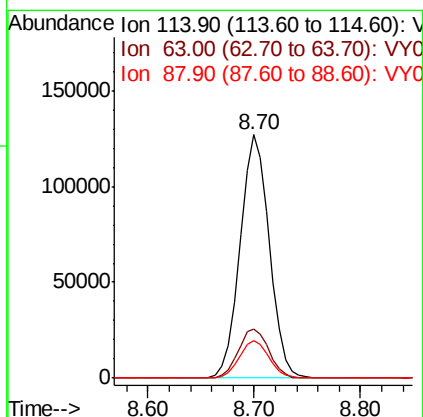
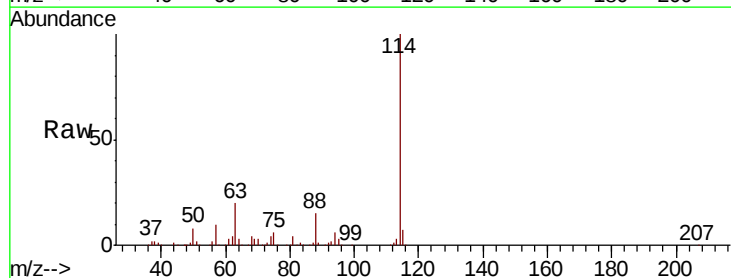
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

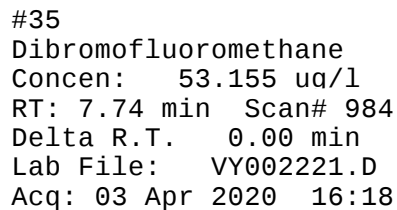
Tot Ion: 65 Resp: 80291
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002221.D
 Acq: 03 Apr 2020 16:18

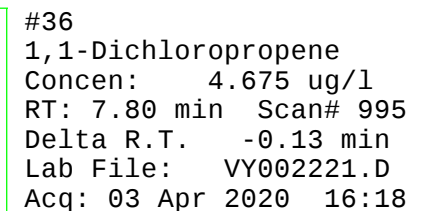
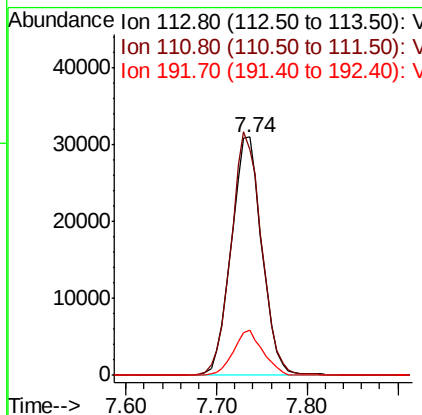
Tgt Ion: 114 Resp: 244221
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.3 0.0 33.0



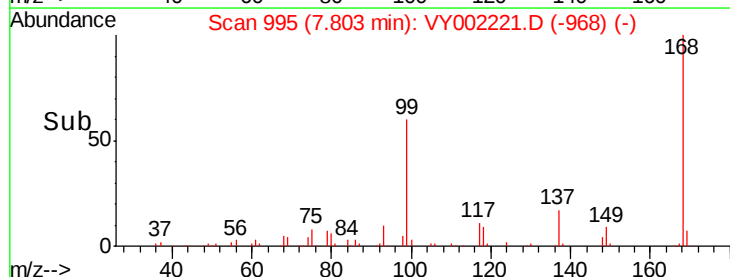
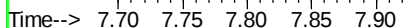
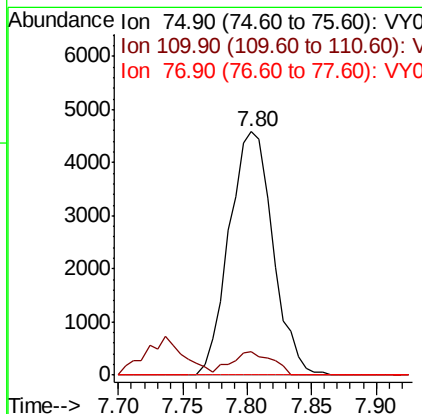


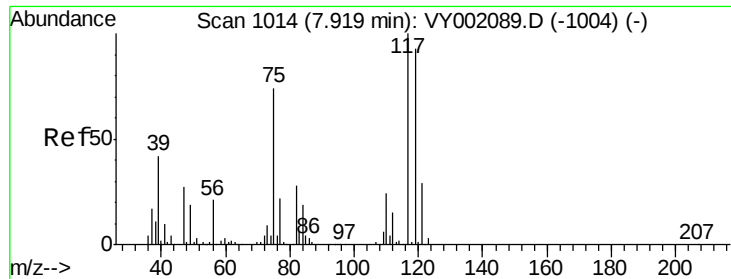
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

Tot	Ion:113	Resp:	72737
Ion	Ratio	Lower	Upper
113	100		
111	101.2	84.4	126.6
192	18.1	14.6	21.8



Tgt	Ion: 75	Resp:	10799
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.2	51.6#
77	0.0	24.7	37.1#

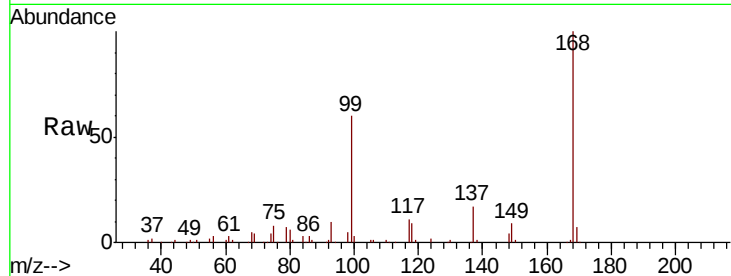




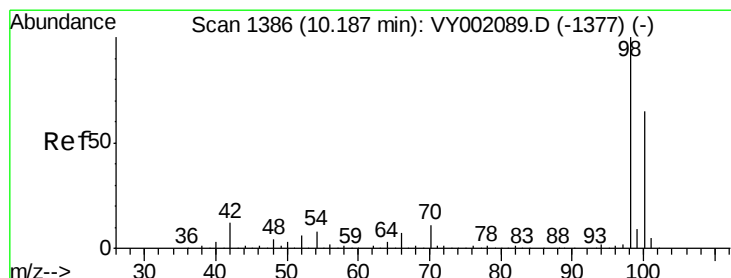
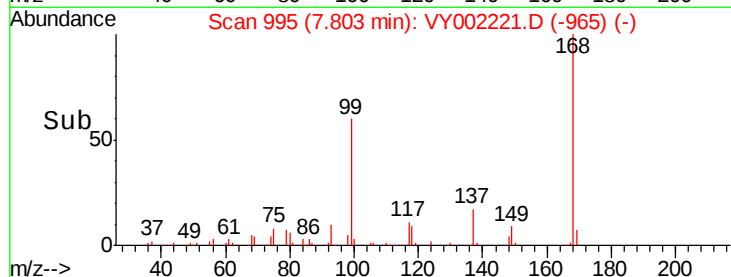
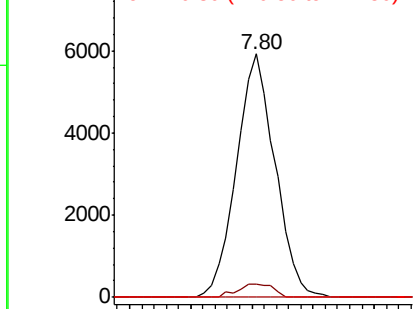
#38
Carbon Tetrachloride
Concen: 6.598 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Instrument :
MSVOA_Y
ClientSampled :
VNJ-231

Tot Ion:117 Resp: 12932
Ion Ratio Lower Upper
117 100
119 5.7 74.3 111.5#
121 0.0 23.3 34.9#

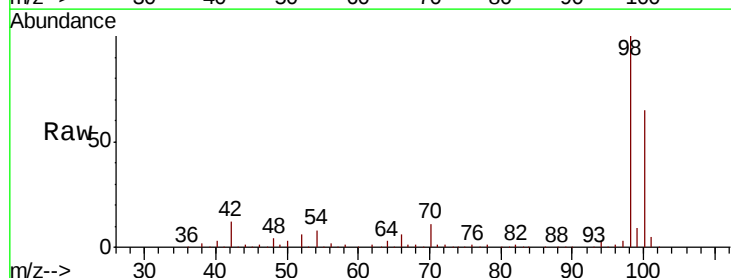


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

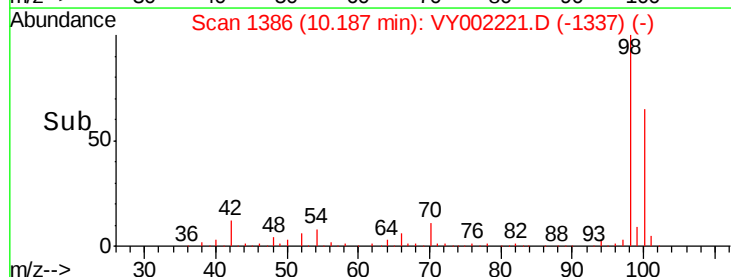
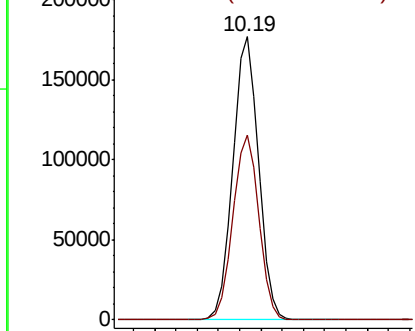


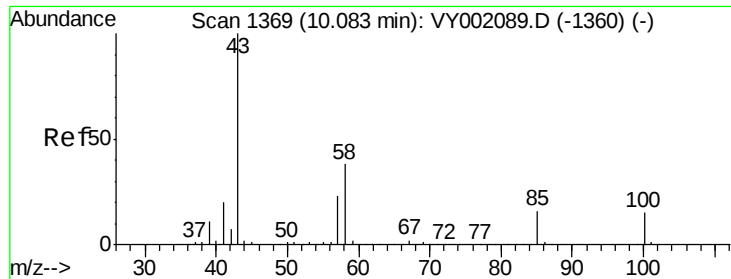
#50
Toluene-d8
Concen: 52.732 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Tgt Ion: 98 Resp: 299766
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.001 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampled :

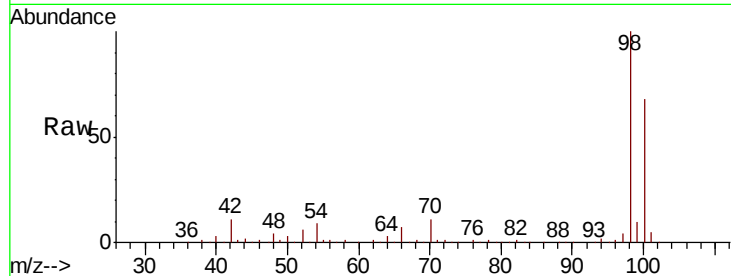
VNJ-231

Tot Ion: 43 Resp: 1336

Ion Ratio Lower Upper

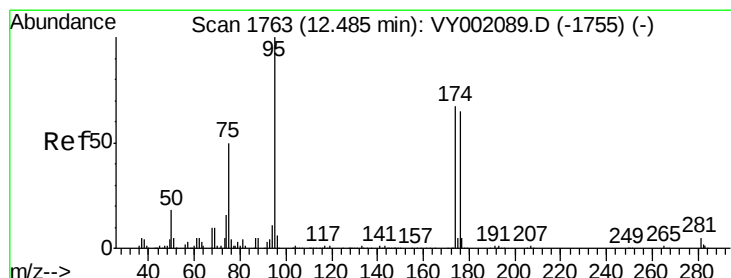
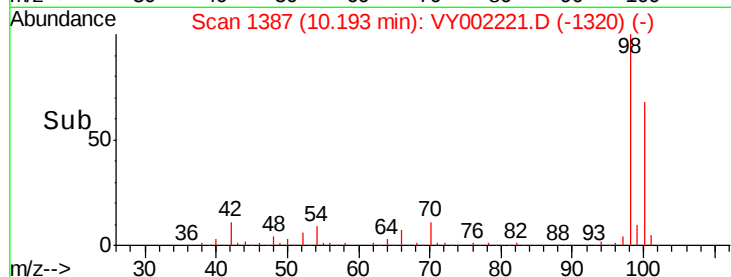
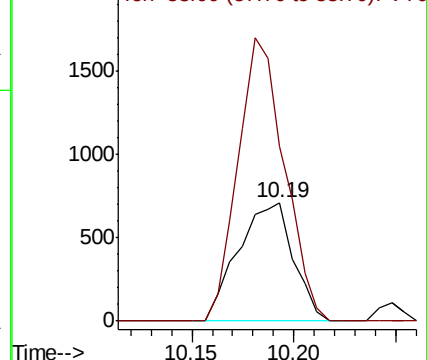
43 100

58 201.4 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 51.814 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

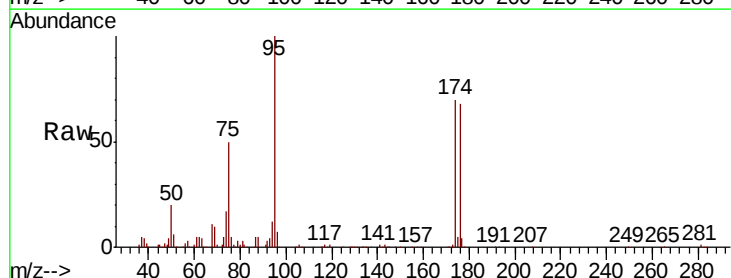
Tgt Ion: 95 Resp: 103013

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

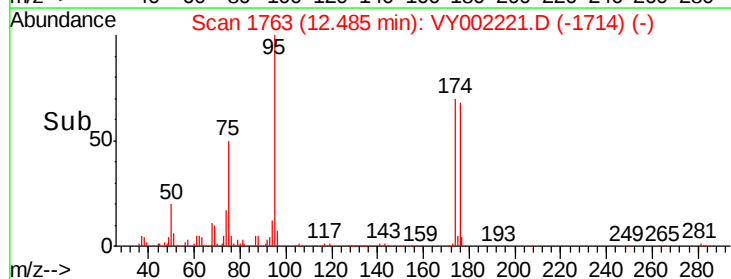
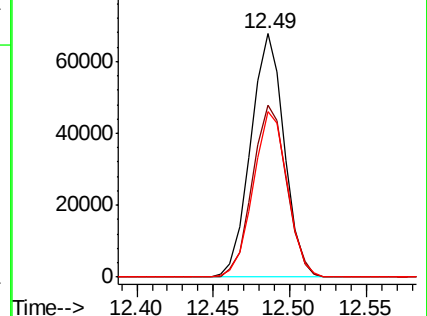
176 69.4 0.0 137.0

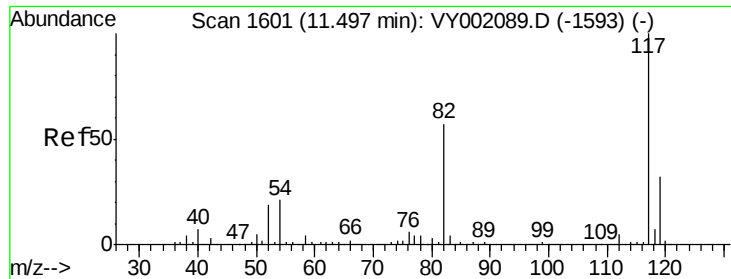


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

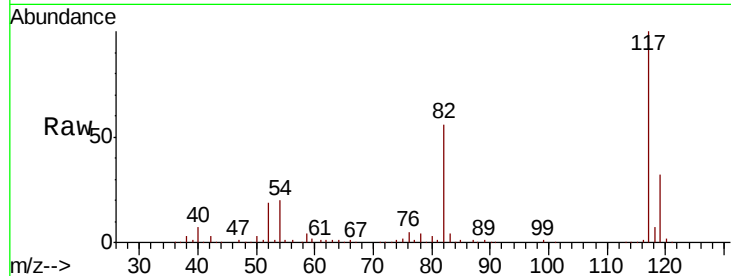




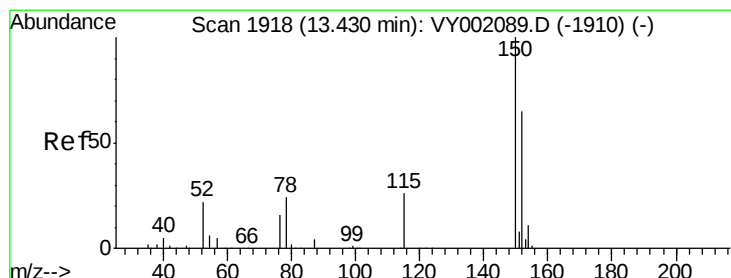
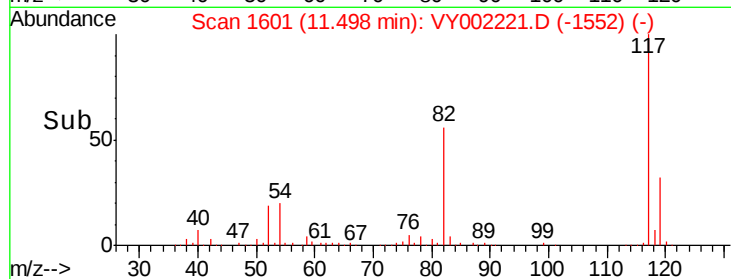
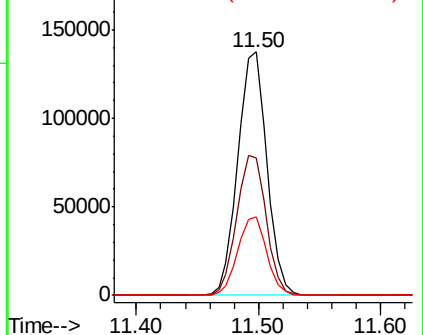
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

Tot Ion:117 Resp: 226021
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.3 25.3 37.9

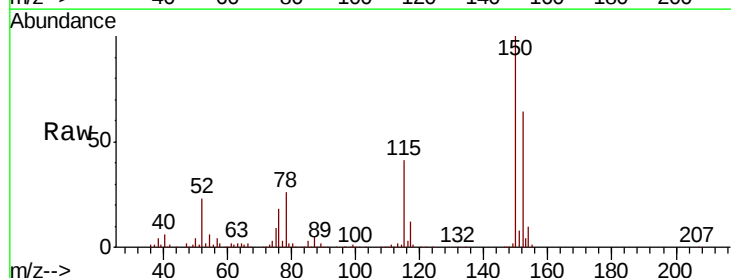


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

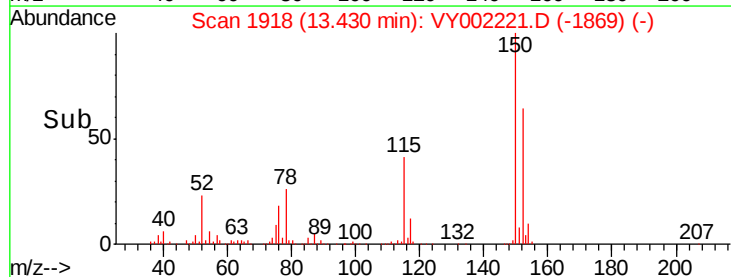
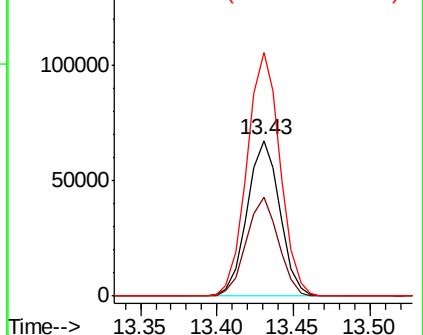


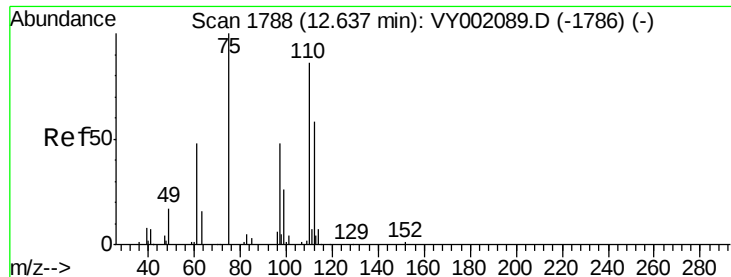
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002221.D
Acq: 03 Apr 2020 16:18

Tgt Ion:152 Resp: 100401
Ion Ratio Lower Upper
152 100
115 62.5 31.2 93.6
150 158.2 0.0 354.8



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





#76

1,2,3-Trichloropropane

Concen: 46.173 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

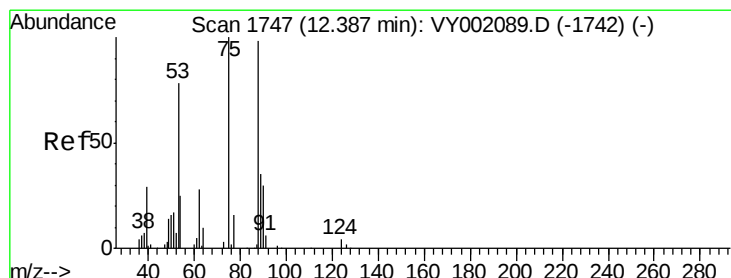
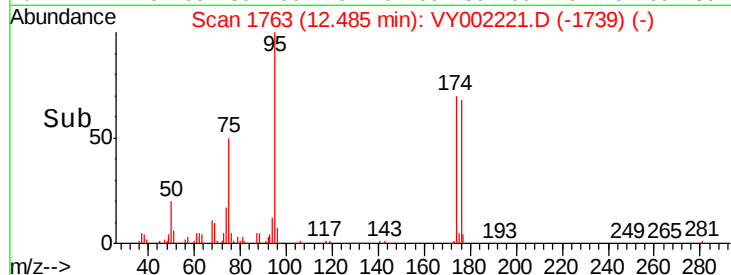
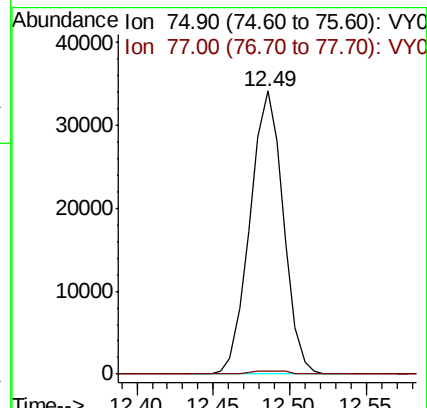
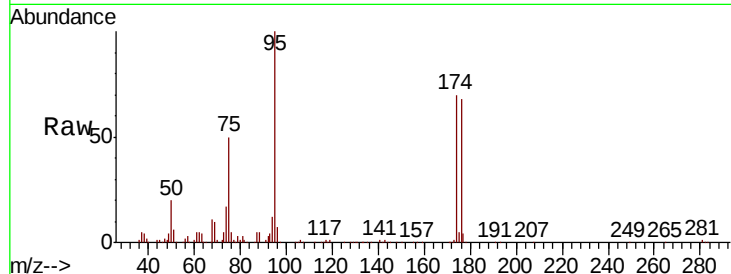
VNJ-231

Tot Ion: 75 Resp: 51856

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.453 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002221.D

Acq: 03 Apr 2020 16:18

Tgt Ion: 75 Resp: 51856

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

