

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002433.D
 Acq On : 21 Apr 2020 15:19
 Operator : SY/MD
 Sample : L2284-09RE
 Misc : 4.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 16:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

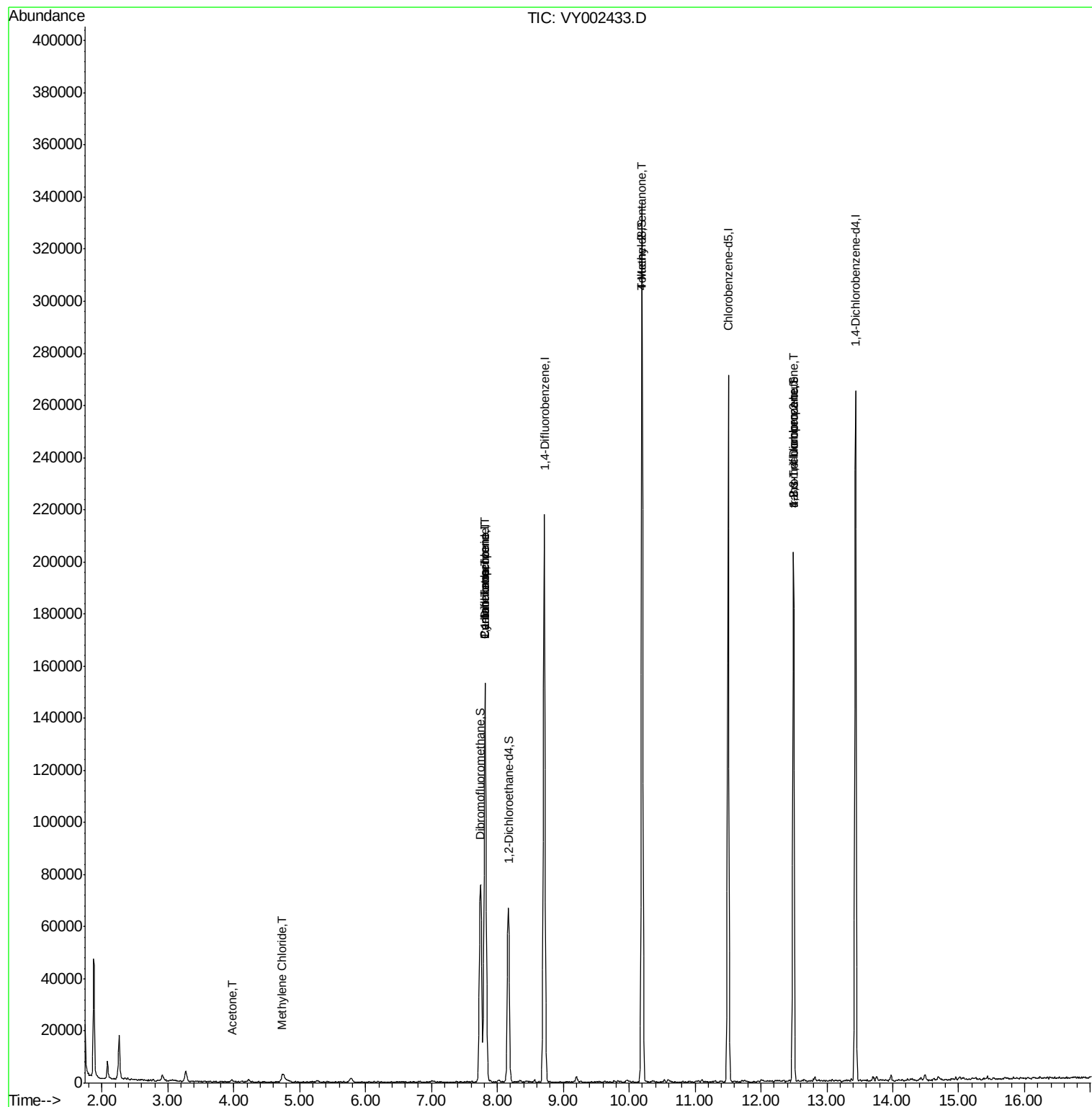
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	199364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	160883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	73319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	49257	52.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.75	113	55525	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.19	98	230093	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.49	95	61619	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1079	4.325	ug/l #	86
20) Methylene Chloride	4.74	84	2619	1.876	ug/l #	89
31) Cyclohexane	7.81	56	2421	1.253	ug/l #	25
36) 1,1-Dichloropropene	7.81	75	8033	5.008	ug/l #	46
38) Carbon Tetrachloride	7.82	117	11419	7.067	ug/l #	14
51) 4-Methyl-2-Pentanone	10.19	43	837	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	28585	44.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	28585	86.248	ug/l #	19

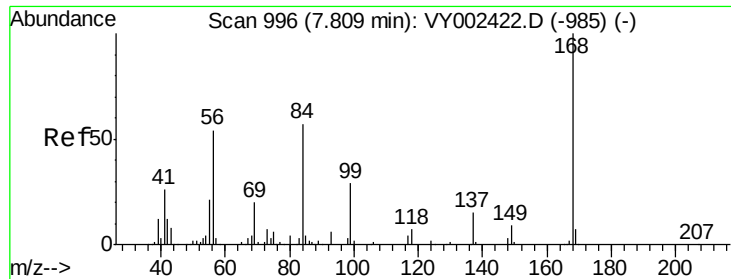
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
Data File : VY002433.D
Acq On : 21 Apr 2020 15:19
Operator : SY/MD
Sample : L2284-09RE
Misc : 4.33G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 16:08:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002433.D

Acq: 21 Apr 2020 15:19

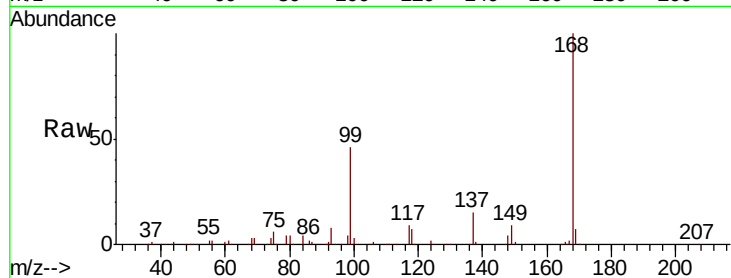
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 128356

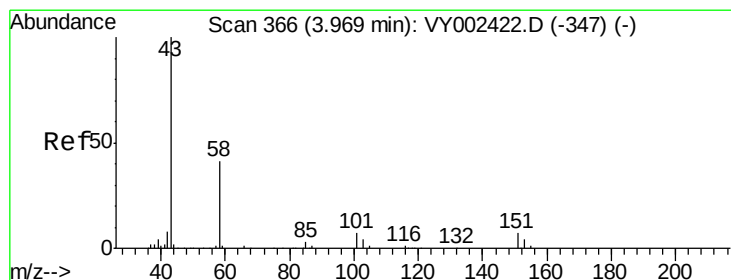
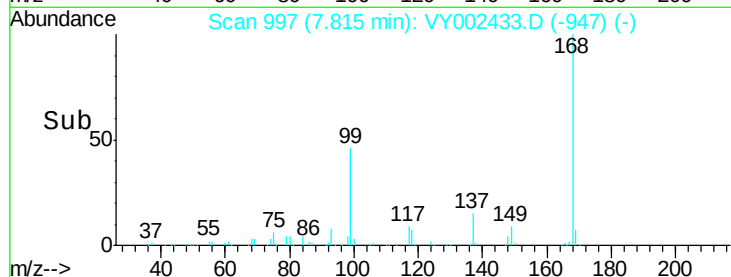
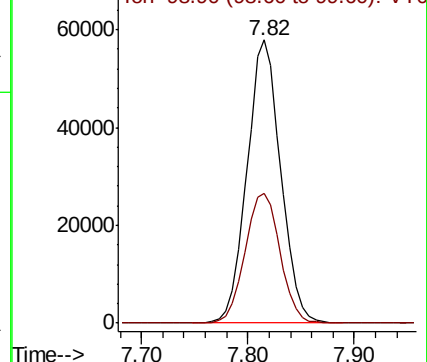
Ion Ratio Lower Upper

168 100

99 46.0 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)



#16

Acetone

Concen: 4.325 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002433.D

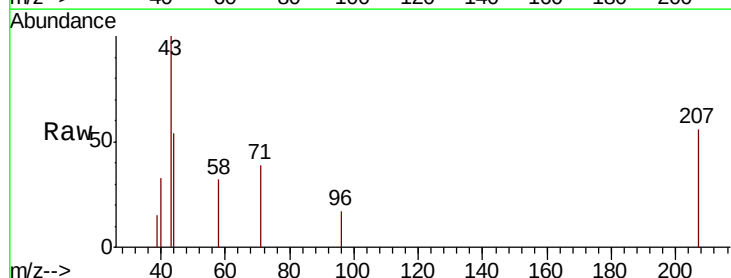
Acq: 21 Apr 2020 15:19

Tgt Ion: 43 Resp: 1079

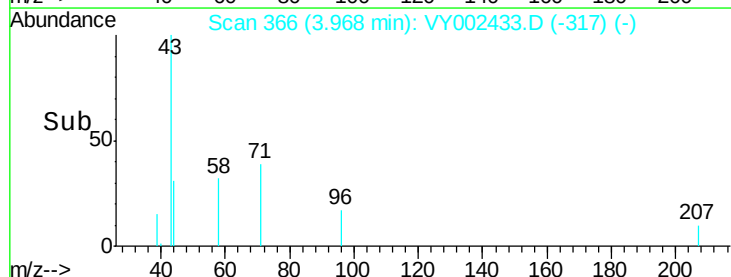
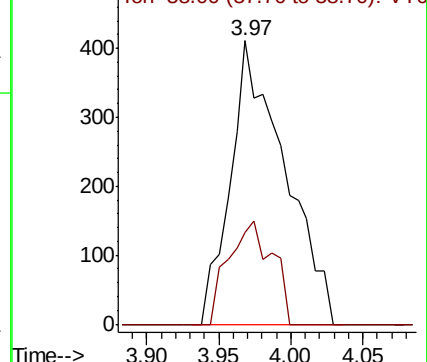
Ion Ratio Lower Upper

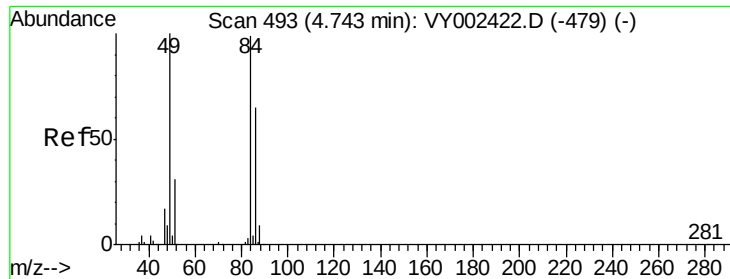
43 100

58 32.1 32.6 48.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

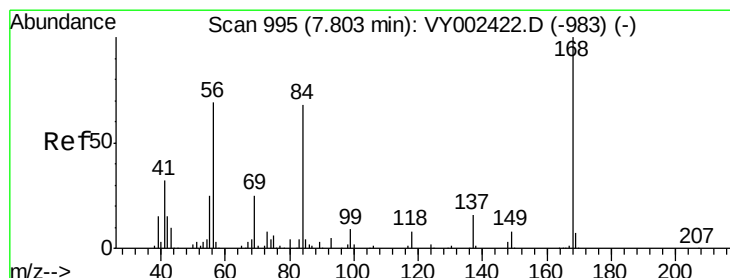
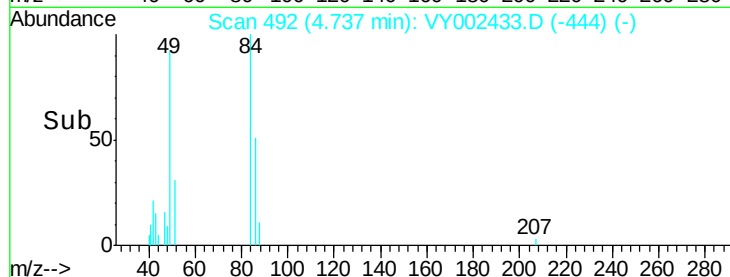
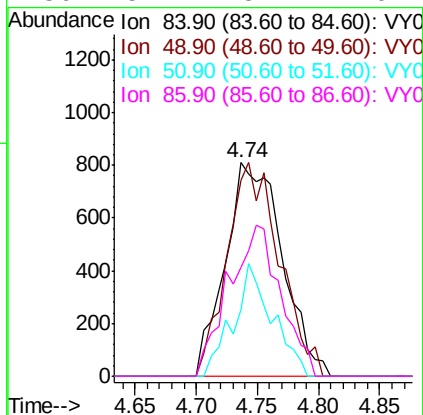
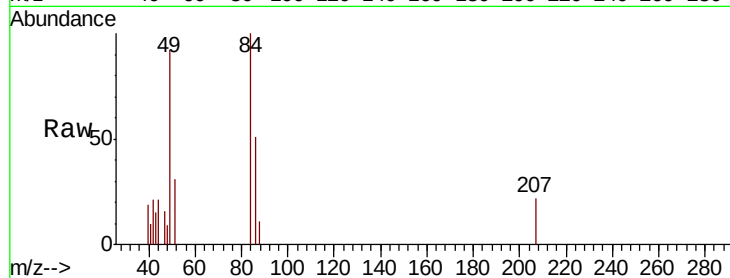




#20
Methylene Chloride
Concen: 1.876 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY002433.D
Acq: 21 Apr 2020 15:19

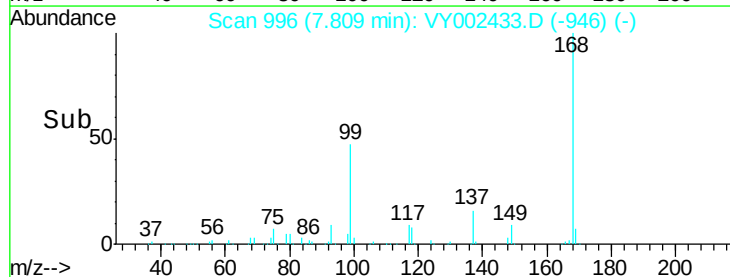
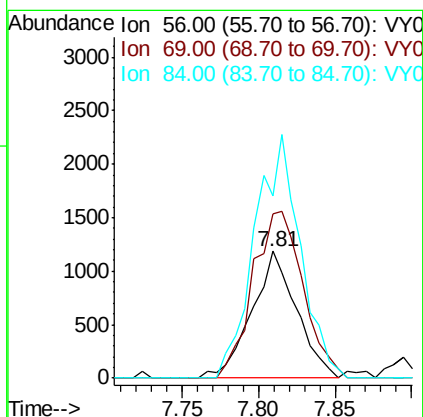
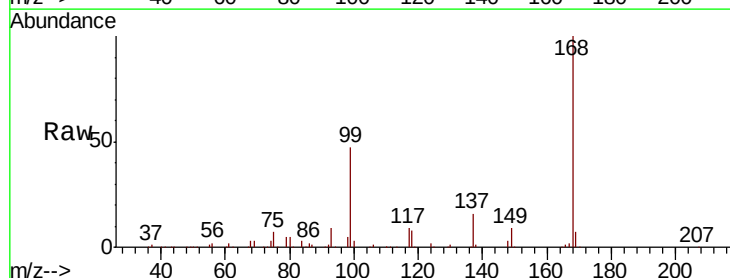
Instrument :
MSVOA_Y
ClientSampleId :

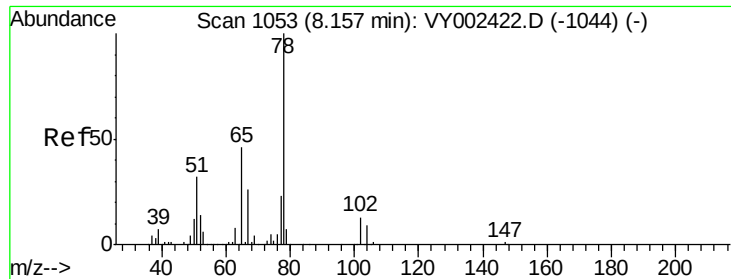
Tot Ion:	84	Resp:	2619
Ion	Ratio	Lower	Upper
84	100		
49	92.0	81.0	121.6
51	31.0	24.9	37.3
86	51.2	52.7	79.1#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002433.D
Acq: 21 Apr 2020 15:19

Tgt Ion:	56	Resp:	2421
Ion	Ratio	Lower	Upper
56	100		
69	129.8	29.1	43.7#
84	143.8	79.4	119.2#

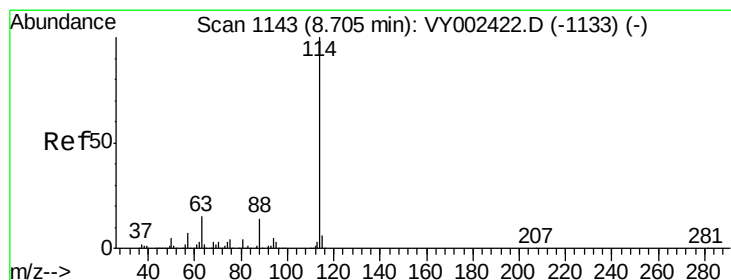
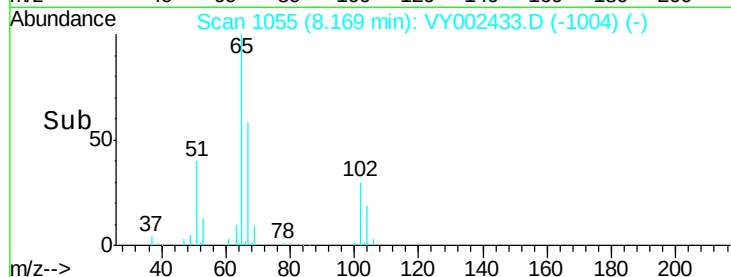
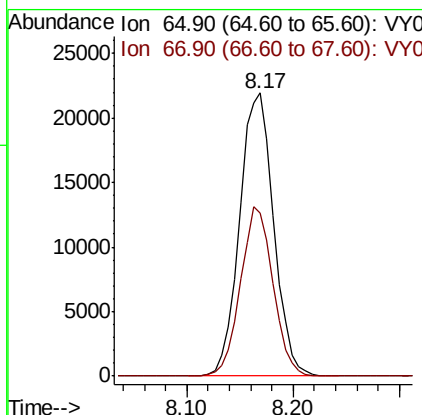
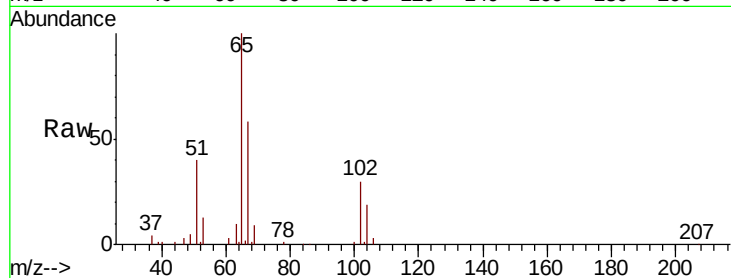




#33
 1,2-Dichloroethane-d4
 Concen: 52.763 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

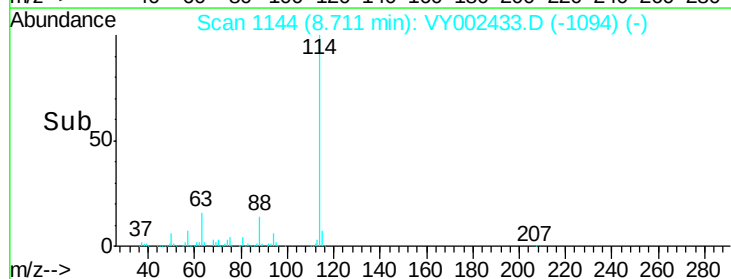
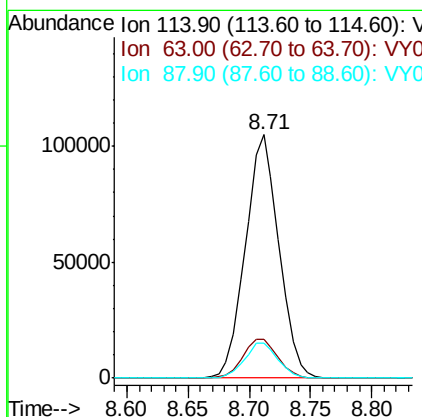
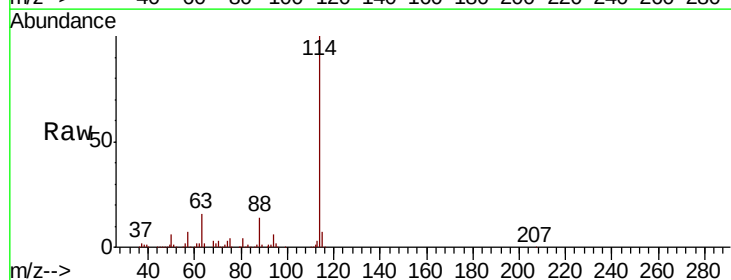
Instrument :
 MSVOA_Y
 ClientSampleId :

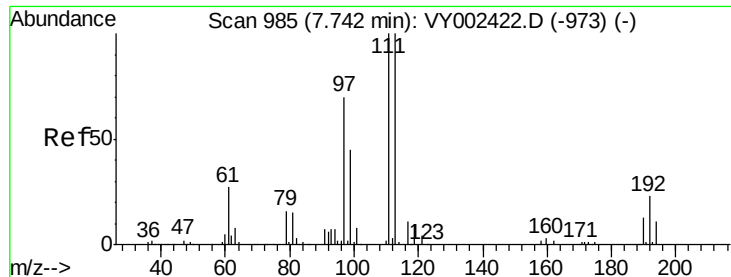
Tot Ion: 65 Resp: 49257
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

Tgt Ion: 114 Resp: 199364
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.0
 88 14.2 0.0 28.2

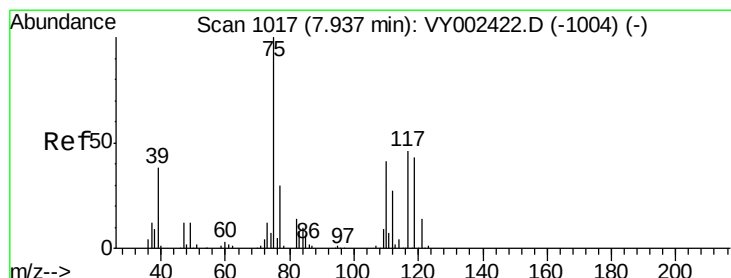
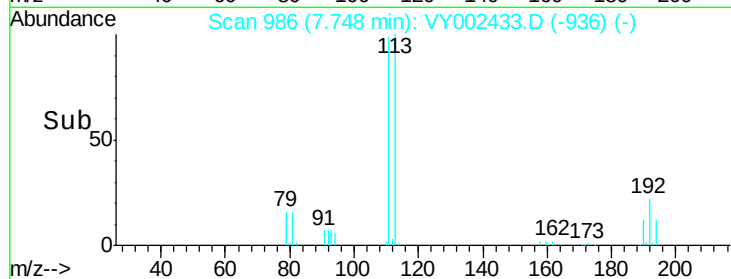
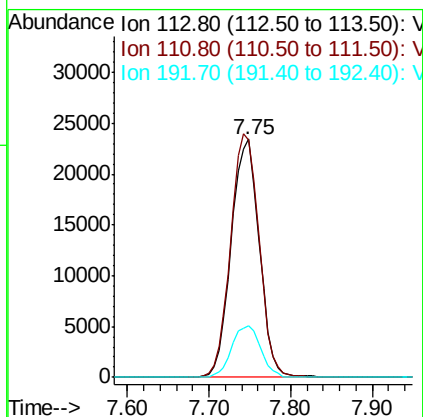
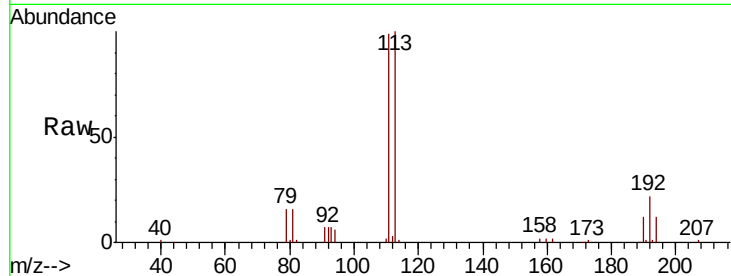




#35
 Dibromofluoromethane
 Concen: 52.951 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

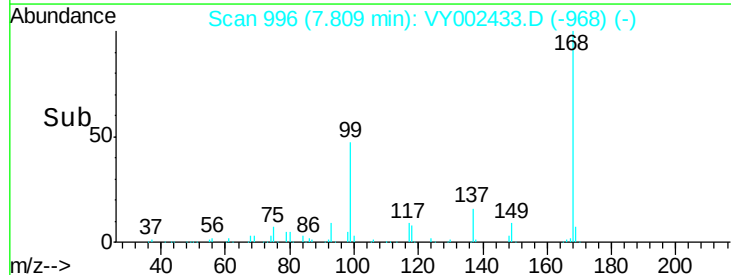
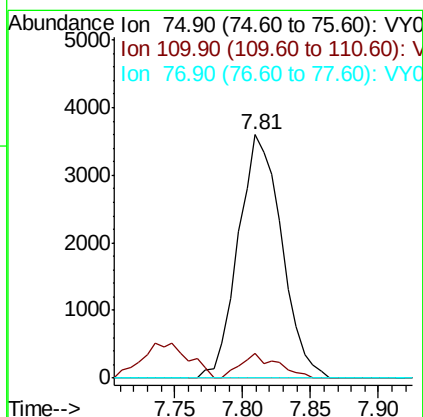
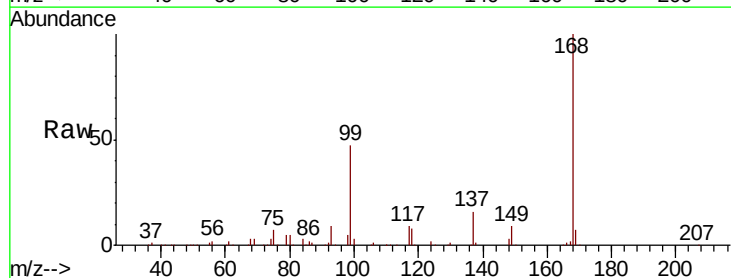
Instrument :
 MSVOA_Y
 ClientSampleId :

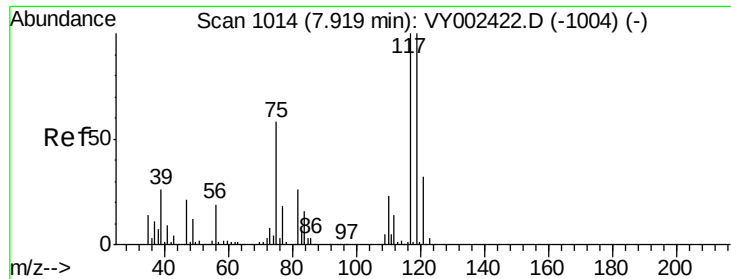
Tot Ion:113 Resp: 55525
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.008 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

Tgt Ion: 75 Resp: 8033
 Ion Ratio Lower Upper
 75 100
 110 8.6 20.4 61.2#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 7.067 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002433.D

Acq: 21 Apr 2020 15:19

Instrument :

MSVOA_Y

ClientSampleId :

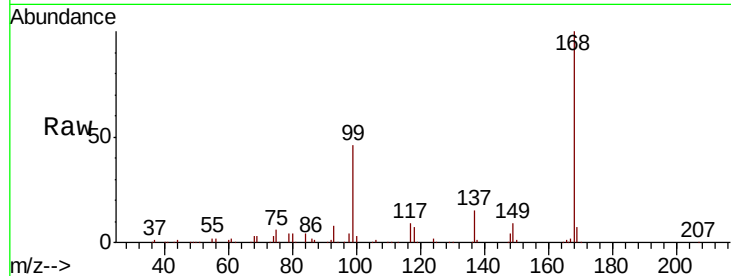
Tot Ion:117 Resp: 11419

Ion Ratio Lower Upper

117 100

119 4.1 79.6 119.4#

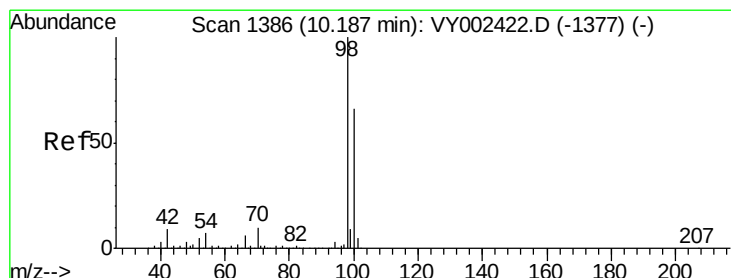
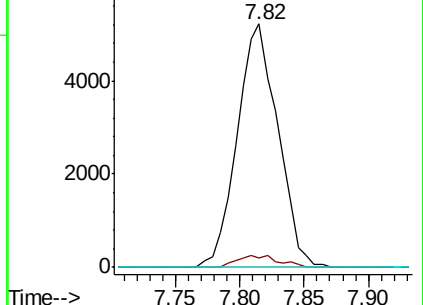
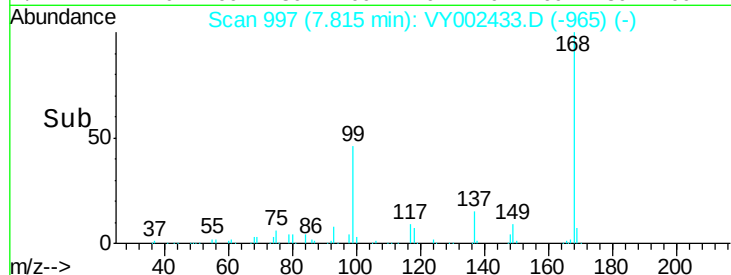
121 0.0 25.4 38.2#



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: 54.251 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002433.D

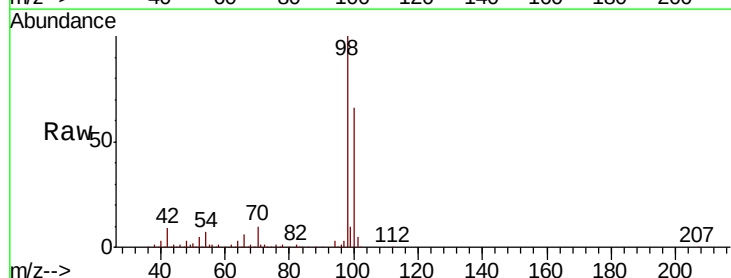
Acq: 21 Apr 2020 15:19

Tgt Ion: 98 Resp: 230093

Ion Ratio Lower Upper

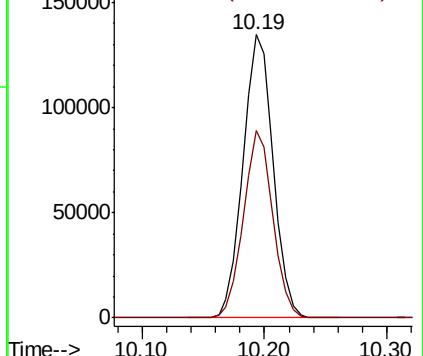
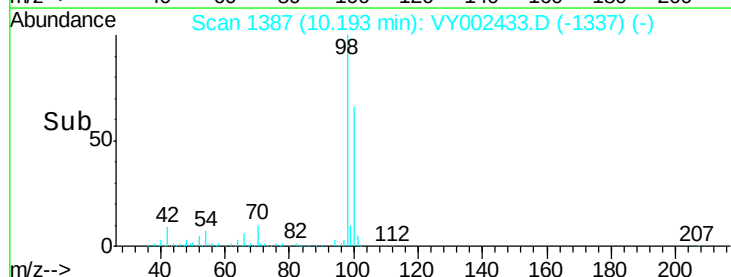
98 100

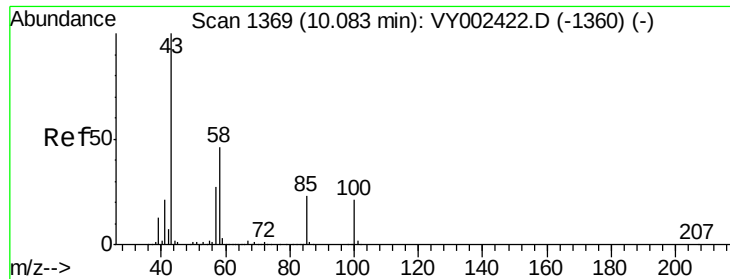
100 64.4 51.6 77.4



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: 1.146 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002433.D

Acq: 21 Apr 2020 15:19

Instrument :

MSVOA_Y

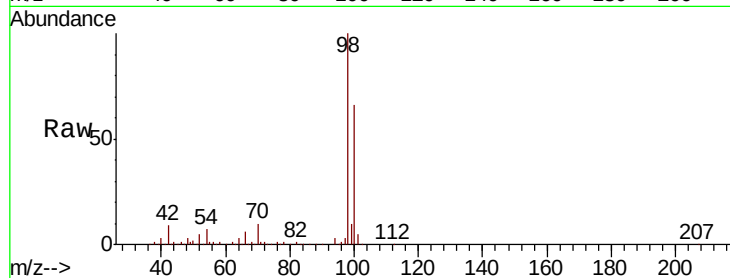
ClientSampleId :

Tot Ion: 43 Resp: 837

Ion Ratio Lower Upper

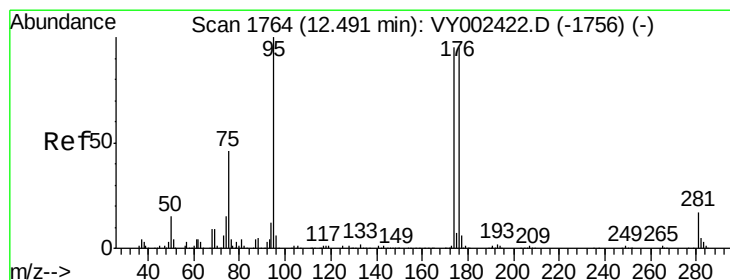
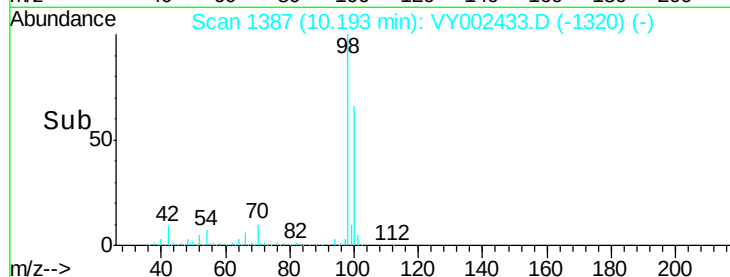
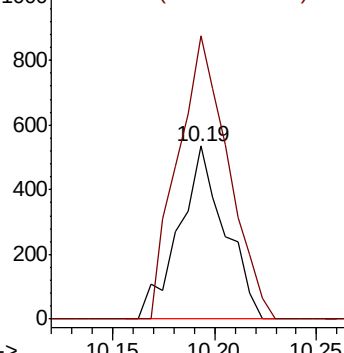
43 100

58 180.2 36.8 55.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 44.004 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002433.D

Acq: 21 Apr 2020 15:19

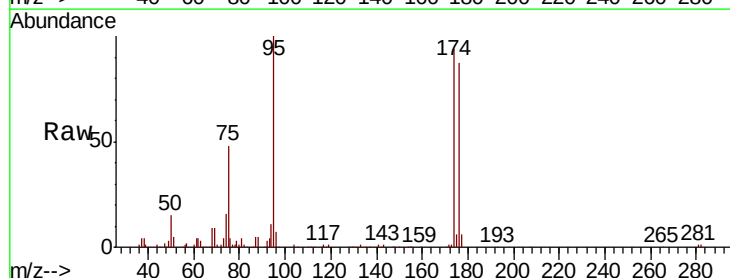
Tgt Ion: 95 Resp: 61619

Ion Ratio Lower Upper

95 100

174 97.6 0.0 185.8

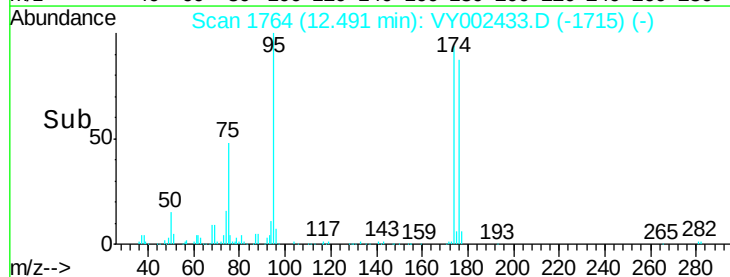
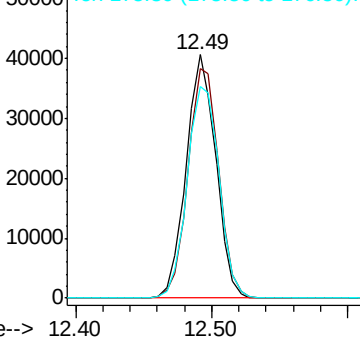
176 93.5 0.0 181.2

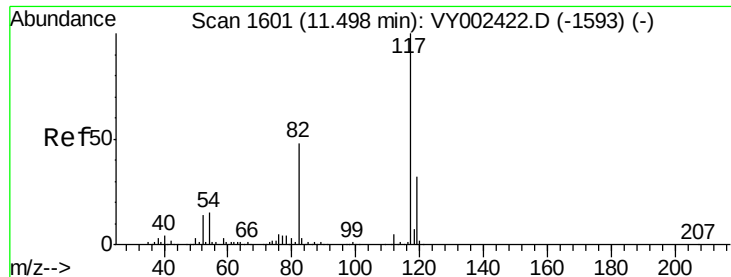


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

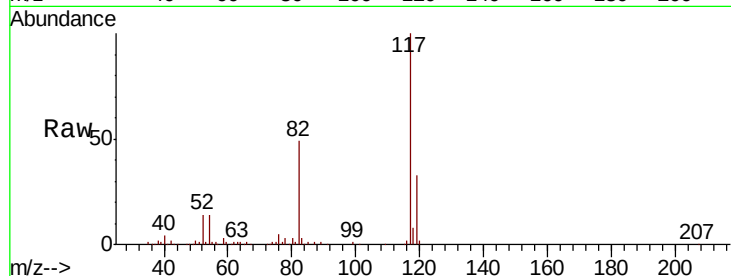




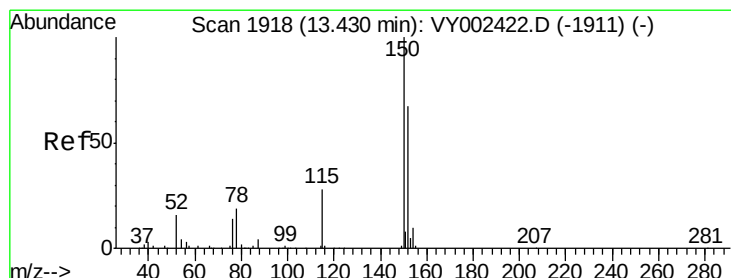
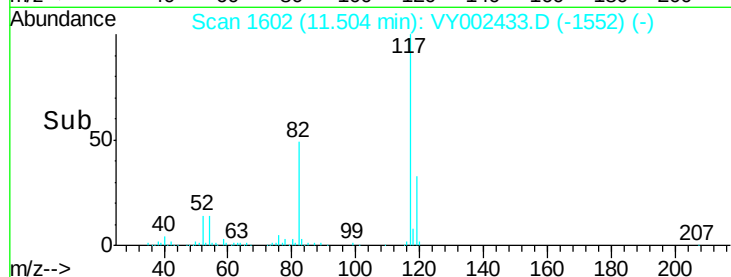
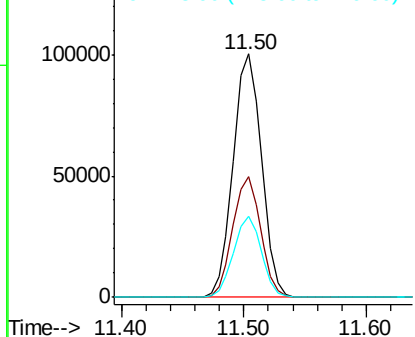
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002433.D
Acq: 21 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 160883
Ion Ratio Lower Upper
117 100
82 49.4 38.4 57.6
119 33.3 25.3 37.9

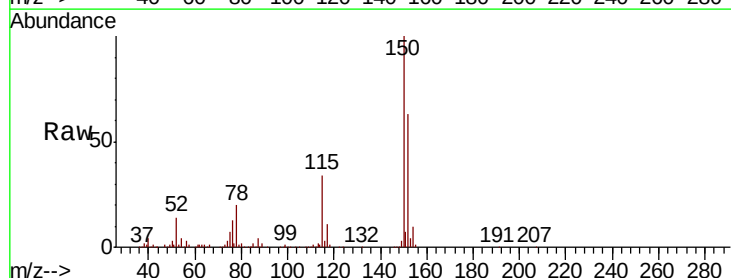


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

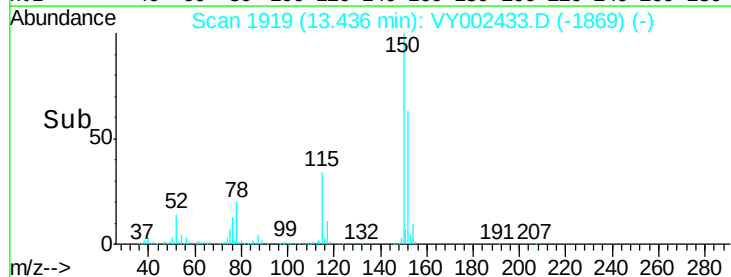
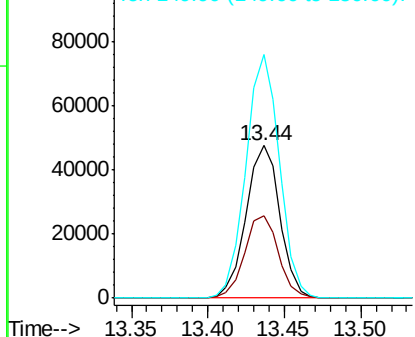


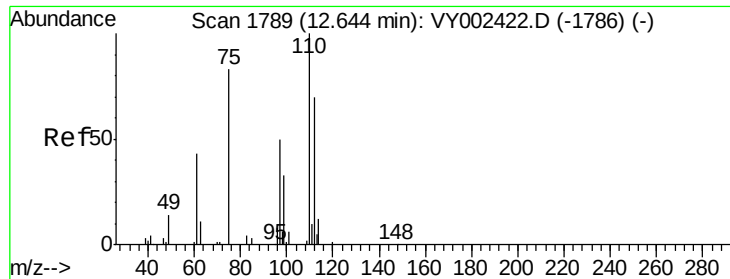
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002433.D
Acq: 21 Apr 2020 15:19

Tgt Ion:152 Resp: 73319
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.8
150 158.1 0.0 344.0



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

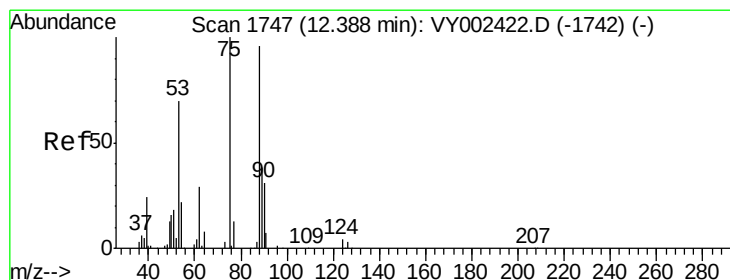
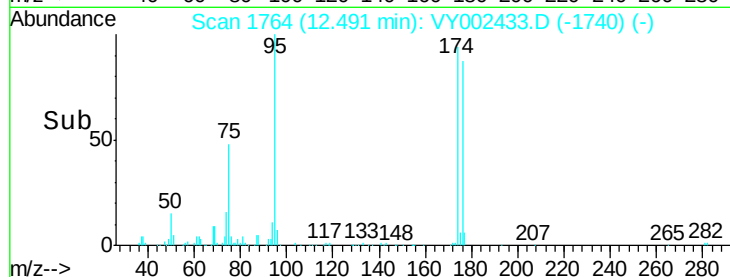
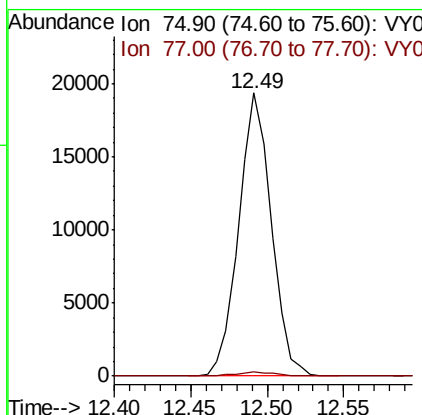
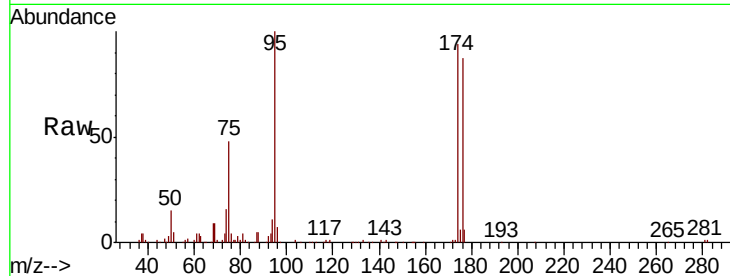




#76
 1,2,3-Trichloropropane
 Concen: 44.254 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 28585
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.248 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002433.D
 Acq: 21 Apr 2020 15:19

Tgt Ion: 75 Resp: 28585
 Ion Ratio Lower Upper
 75 100
 53 0.0 58.7 88.1#
 89 0.1 37.9 56.9#

