

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001588.D
 Acq On : 10 Feb 2020 16:58
 Operator : SY/MD
 Sample : L1372-01
 Misc : 7.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 05:59:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

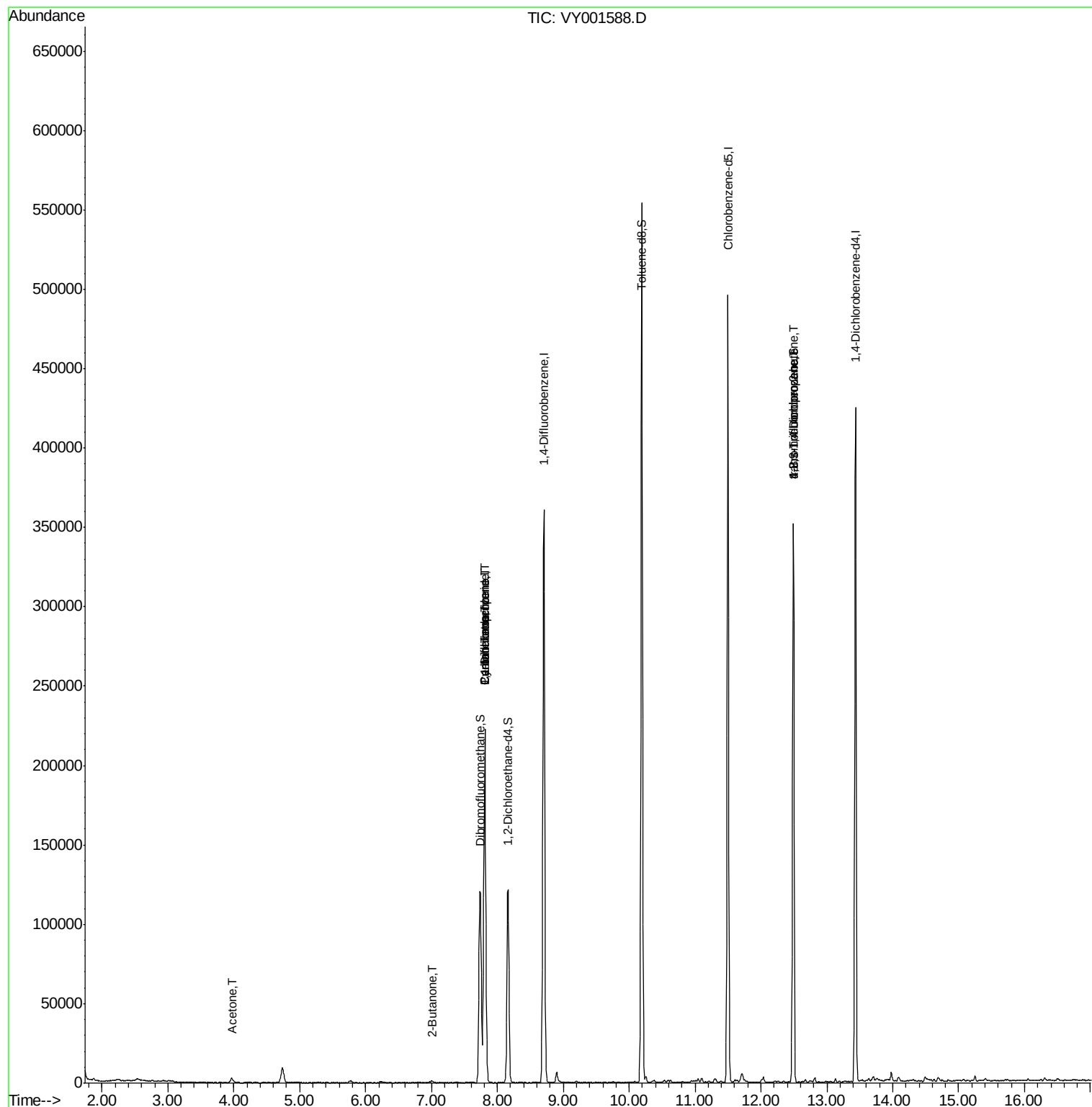
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	172041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	307049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	103458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91832	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.74	113	87972	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.19	98	363371	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.49	95	113976	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.98	59	174	Below Cal	#	76
16) Acetone	3.97	43	5119	10.216	ug/l	88
20) Methylene Chloride	4.74	84	6759	Below Cal		95
25) 2-Butanone	7.02	43	882	1.357	ug/l #	85
31) Cyclohexane	7.82	56	3902	1.157	ug/l #	5
36) 1,1-Dichloropropene	7.81	75	13255	4.719	ug/l #	49
38) Carbon Tetrachloride	7.81	117	17409	6.406	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	57136	51.354	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57136	99.368	ug/l #	16

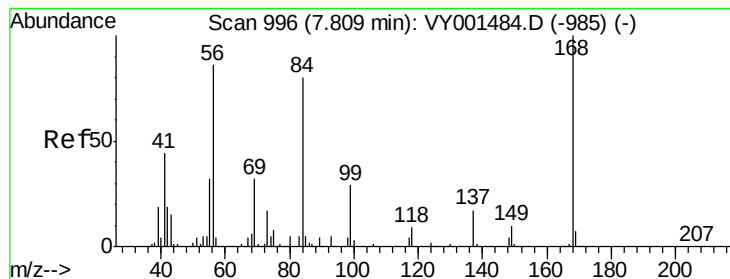
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
Data File : VY001588.D
Acq On : 10 Feb 2020 16:58
Operator : SY/MD
Sample : L1372-01
Misc : 7.85G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 11 05:59:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

Instrument :

MSVOA_Y

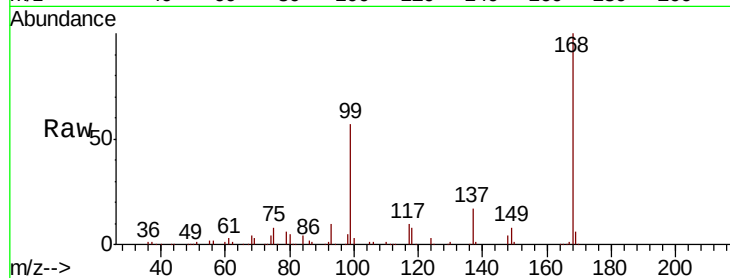
ClientSampled :

Tot Ion:168 Resp: 172041

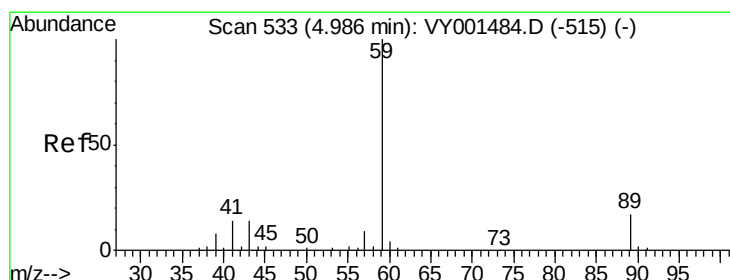
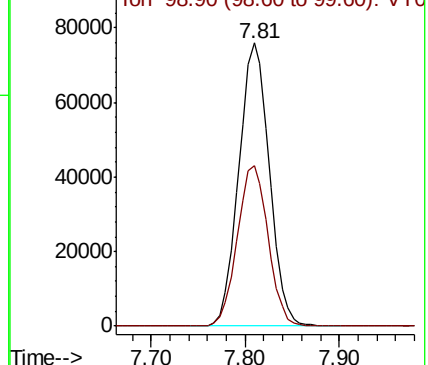
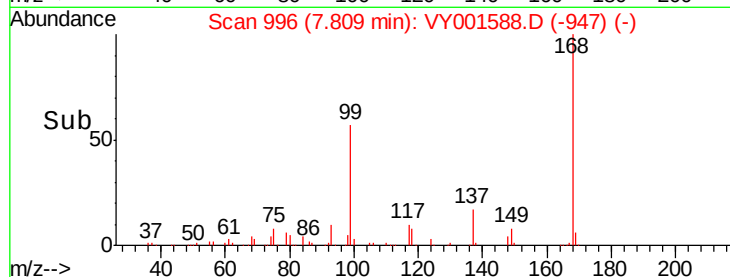
Ion Ratio Lower Upper

168 100

99 56.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001588.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001588.D

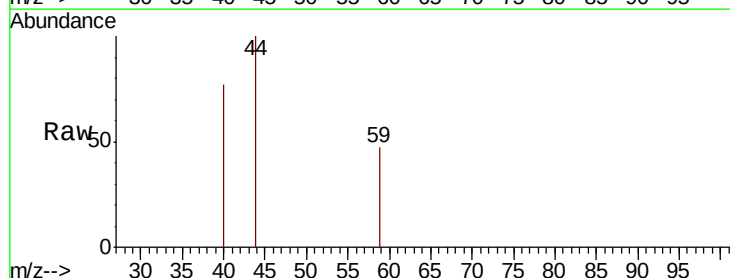
Acq: 10 Feb 2020 16:58

Tgt Ion: 59 Resp: 174

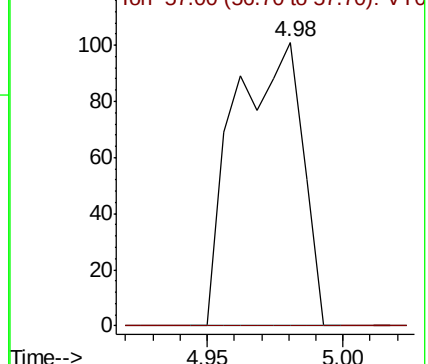
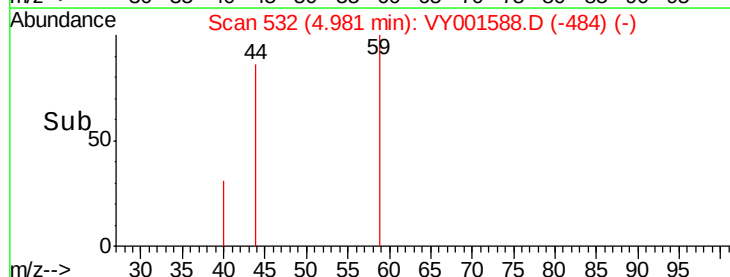
Ion Ratio Lower Upper

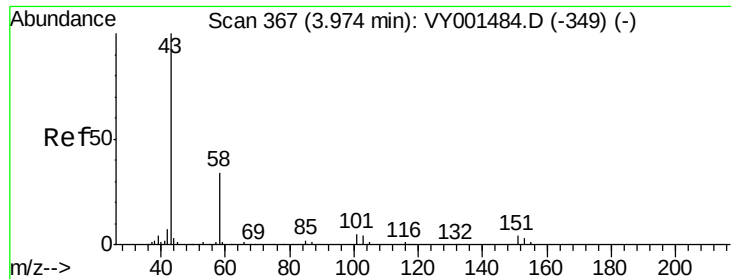
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001588.D (-484) (-)





#16

Acetone

Concen: 10.216 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

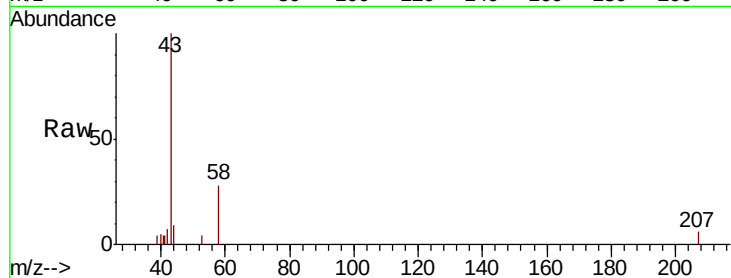
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 5119

Ion Ratio Lower Upper

43 100

58 27.7 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001588.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001588.D (-349) (-)

3.97

2000

1500

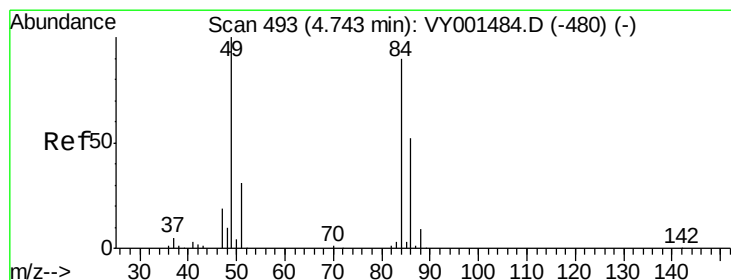
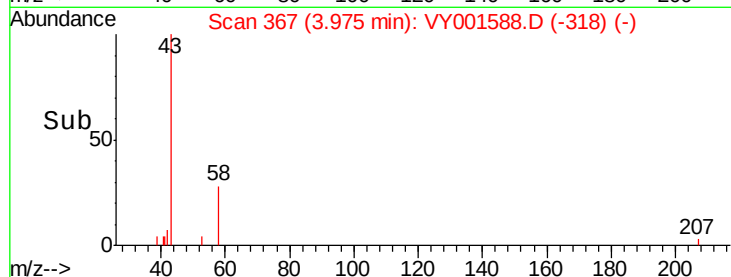
1000

500

0

3.90 4.00 4.10

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

Tgt Ion: 84 Resp: 6759

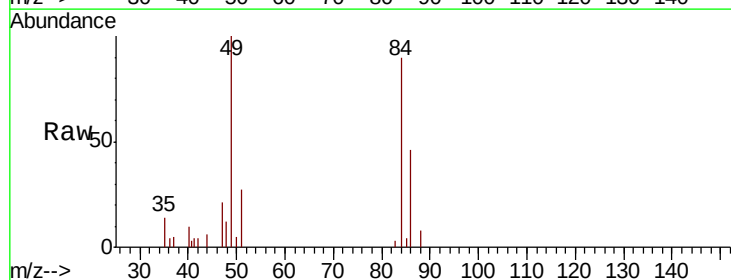
Ion Ratio Lower Upper

84 100

49 110.6 89.0 133.6

51 30.3 27.4 41.2

86 50.4 46.6 70.0



Abundance Ion 83.90 (83.60 to 84.60): VY001588.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001588.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001588.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001588.D (-480) (-)

4.74

4000

3000

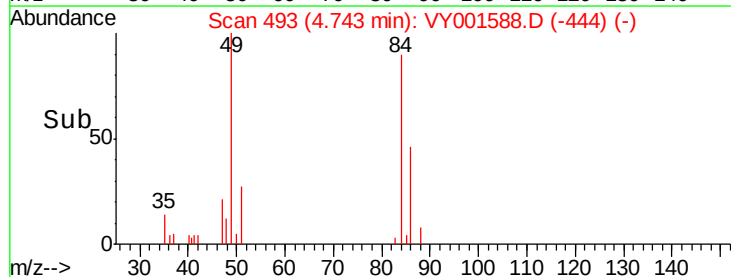
2000

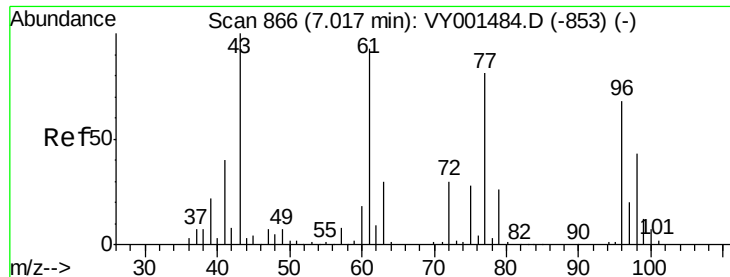
1000

0

4.65 4.70 4.75 4.80 4.85

Time-->





#25

2-Butanone

Concen: 1.357 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

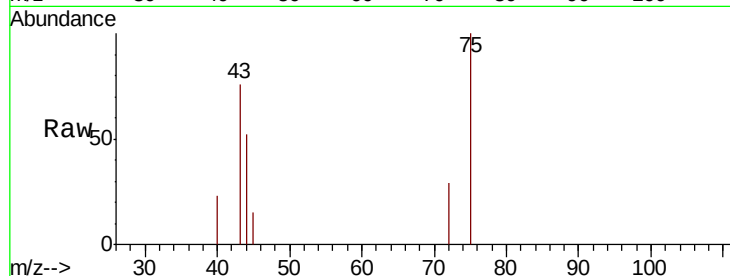
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 882

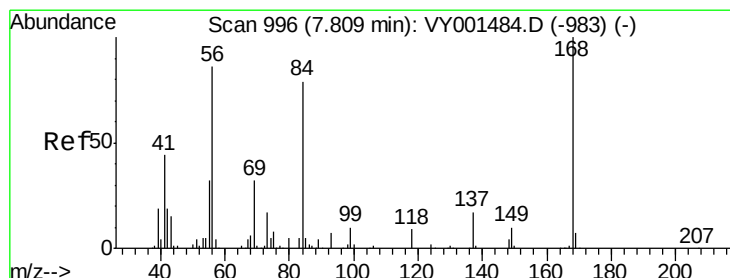
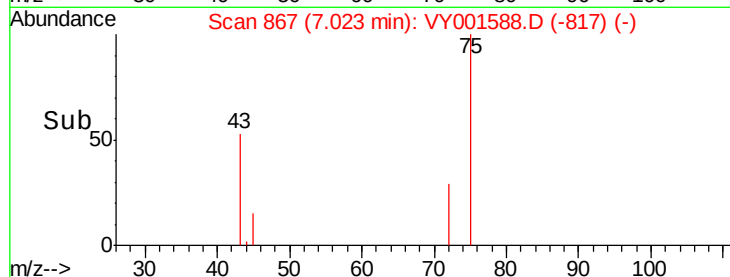
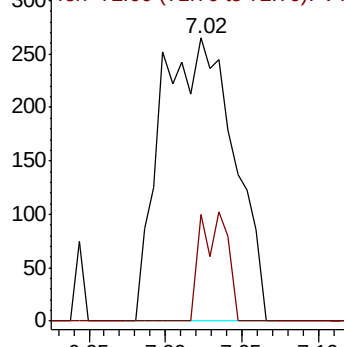
Ion Ratio Lower Upper

43 100

72 37.7 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

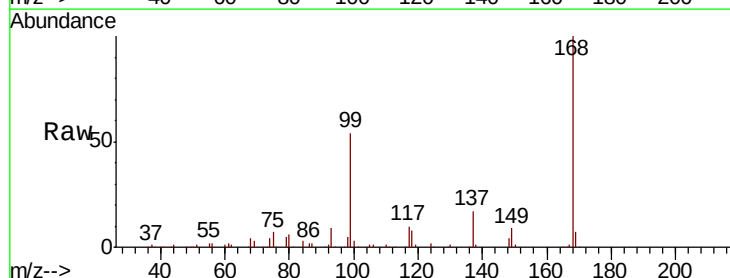
Tgt Ion: 56 Resp: 3902

Ion Ratio Lower Upper

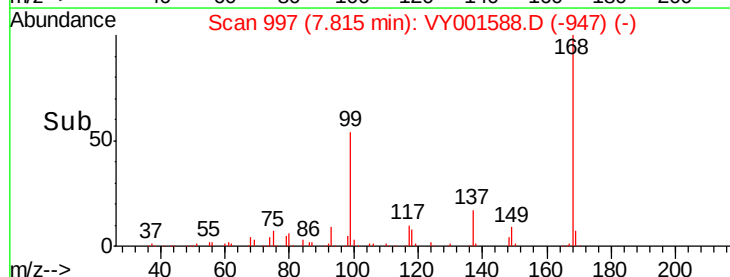
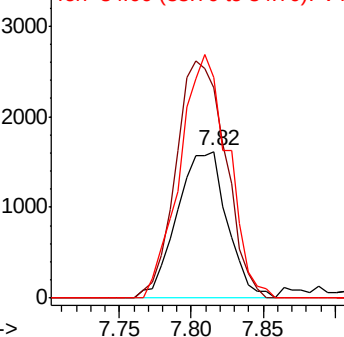
56 100

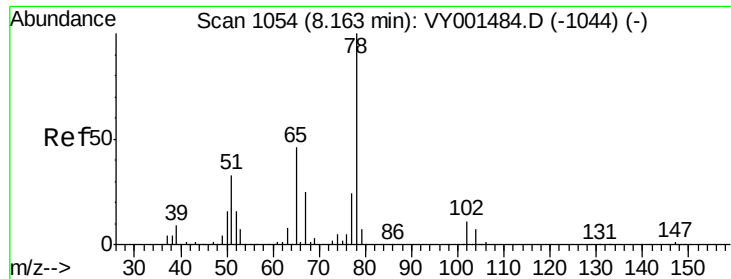
69 143.3 29.6 44.4#

84 150.3 73.6 110.4#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

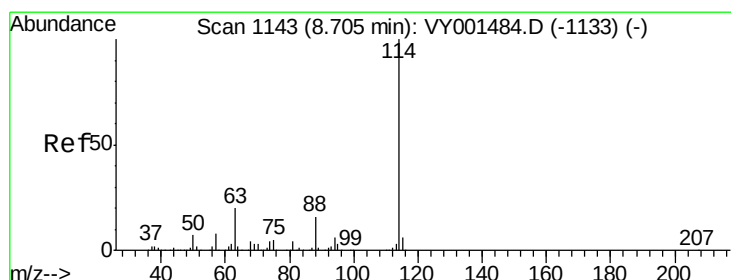
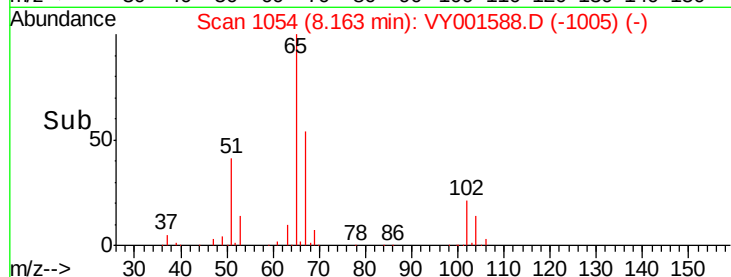
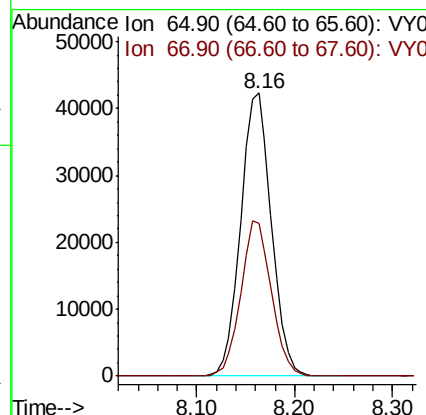
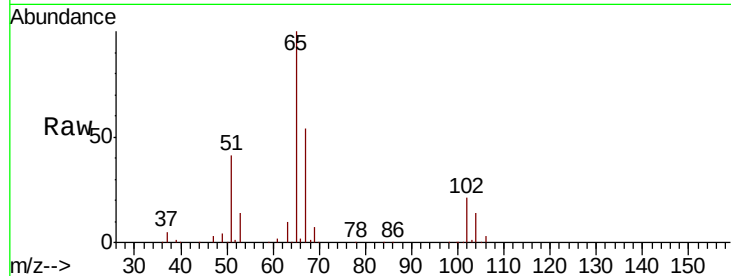




#33
 1,2-Dichloroethane-d4
 Concen: 53.015 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001588.D
 Acq: 10 Feb 2020 16:58

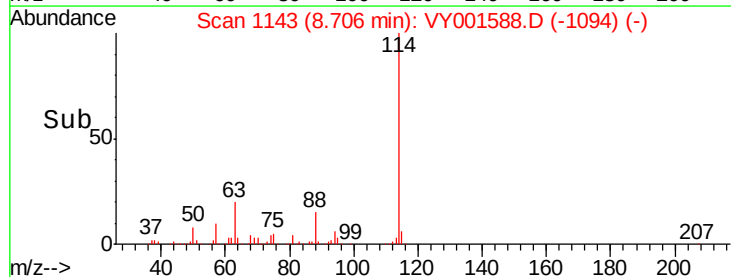
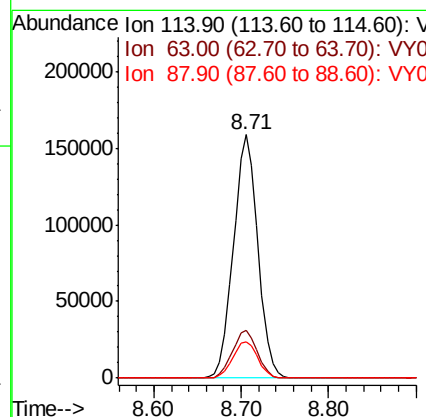
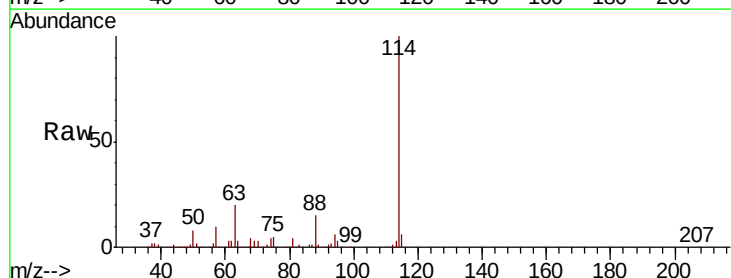
Instrument :
 MSVOA_Y
 ClientSampleId :

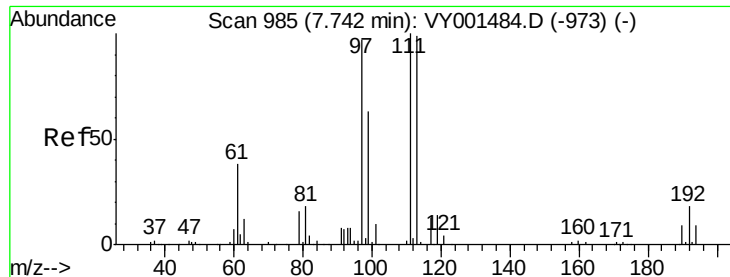
Tot Ion: 65 Resp: 91832
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001588.D
 Acq: 10 Feb 2020 16:58

Tgt Ion: 114 Resp: 307049
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.0 0.0 32.6

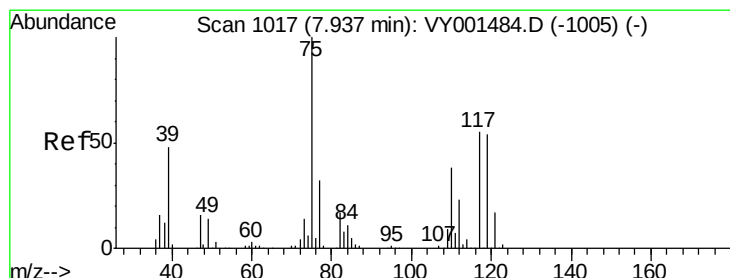
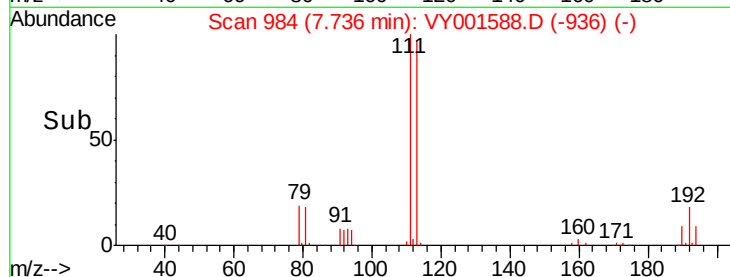
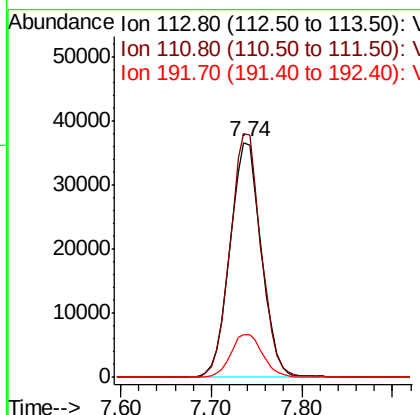
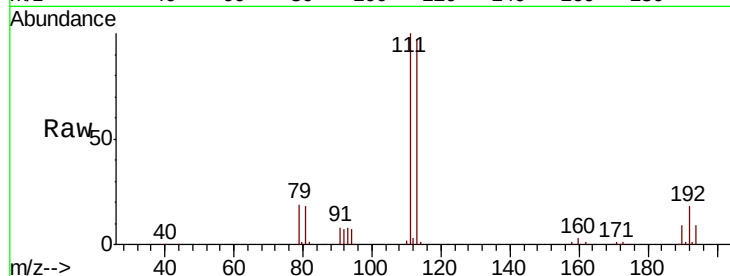




#35
 Dibromofluoromethane
 Concen: 49.685 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001588.D
 Acq: 10 Feb 2020 16:58

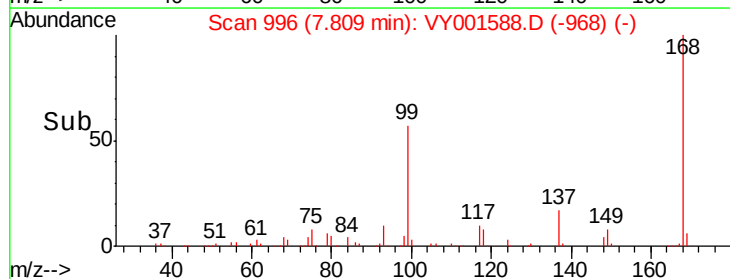
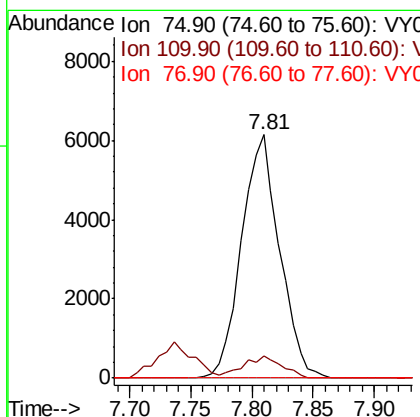
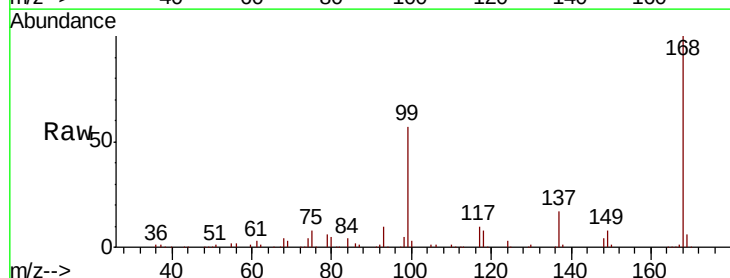
Instrument :
 MSVOA_Y
 ClientSampleId :

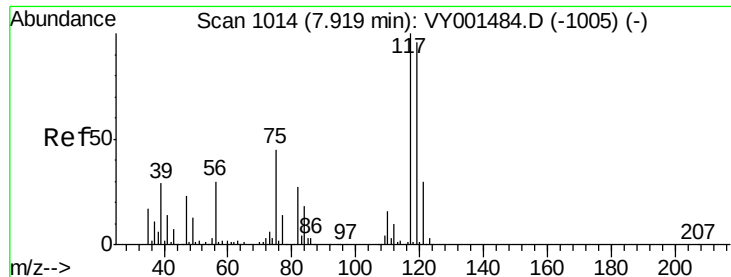
Tot Ion:113 Resp: 87972
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 18.6 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.719 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001588.D
 Acq: 10 Feb 2020 16:58

Tgt Ion: 75 Resp: 13255
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.2 54.6#
 77 0.0 25.0 37.4#

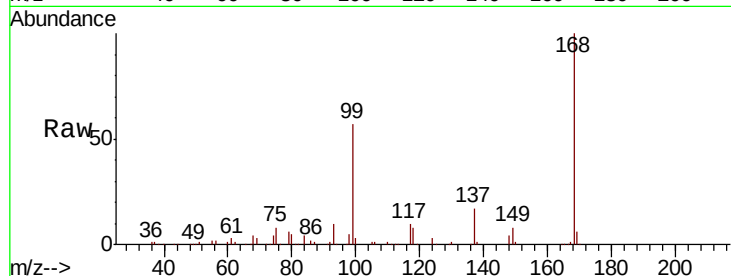




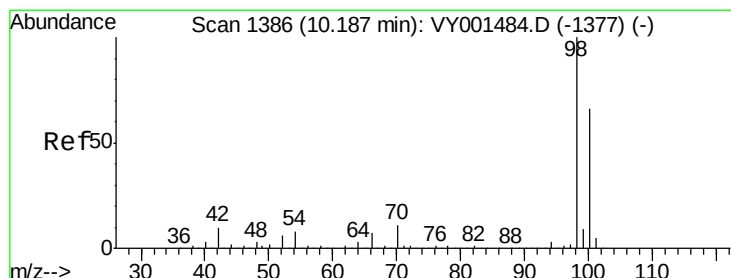
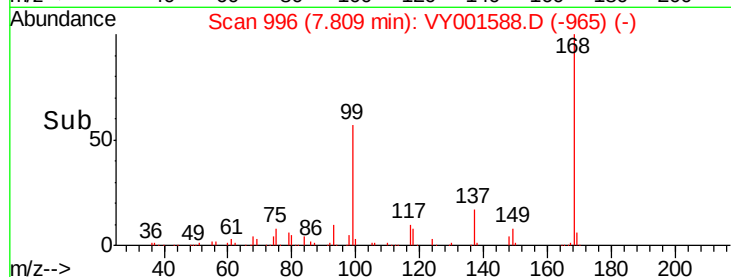
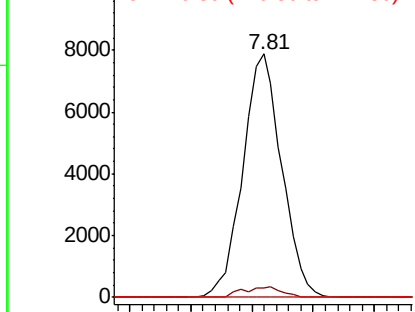
#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY001588.D
Acq: 10 Feb 2020 16:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17409
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 24.2 36.4#

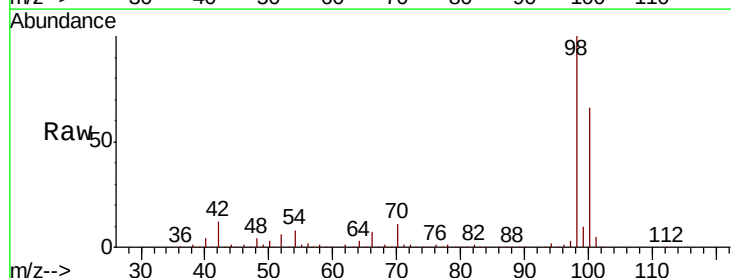


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

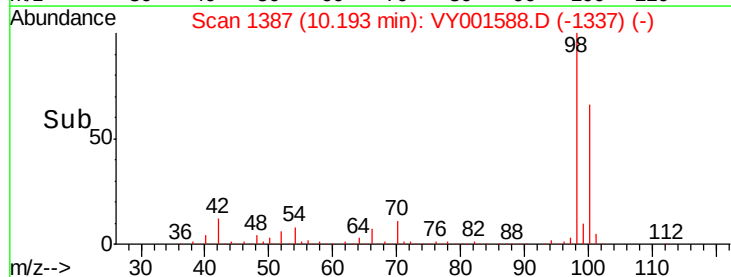
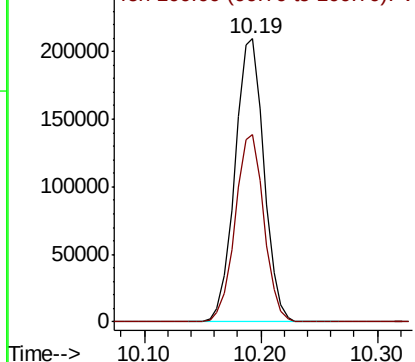


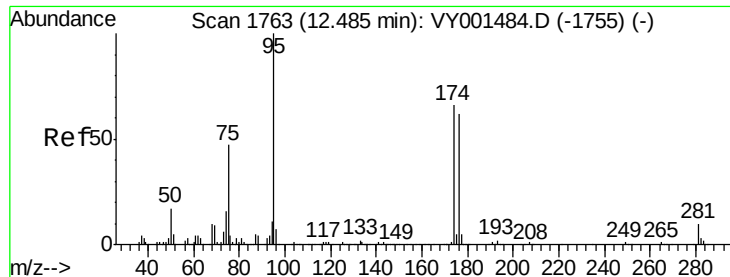
#50
Toluene-d8
Concen: 54.243 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001588.D
Acq: 10 Feb 2020 16:58

Tgt Ion: 98 Resp: 363371
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



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

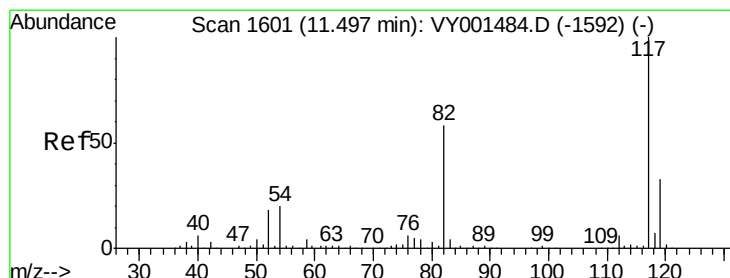
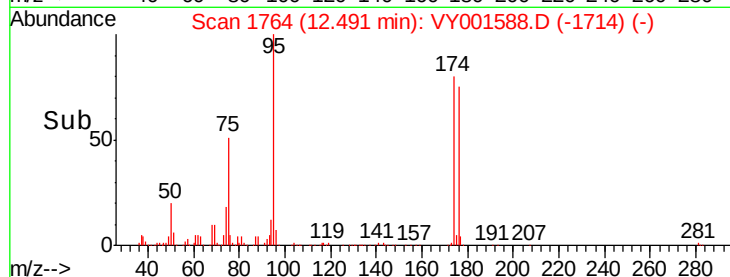
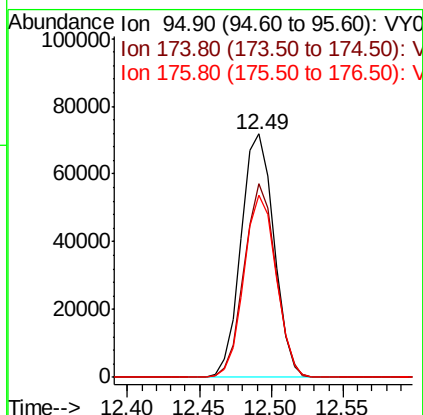
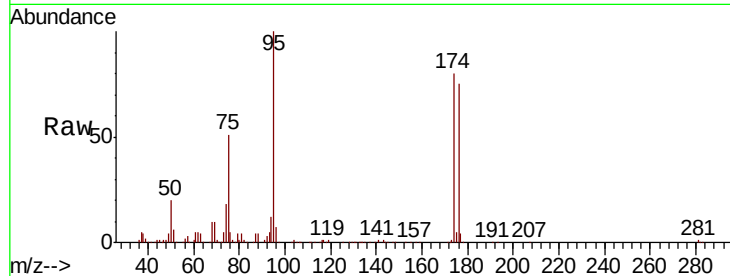




#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001588.D
Acq: 10 Feb 2020 16:58

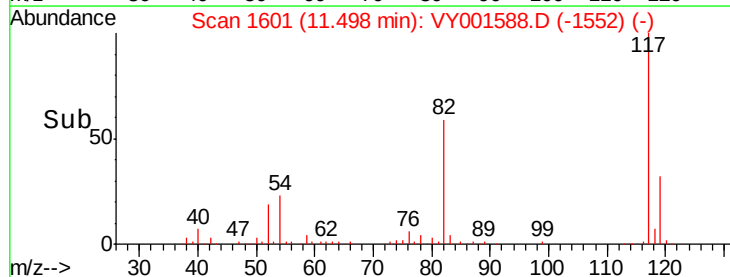
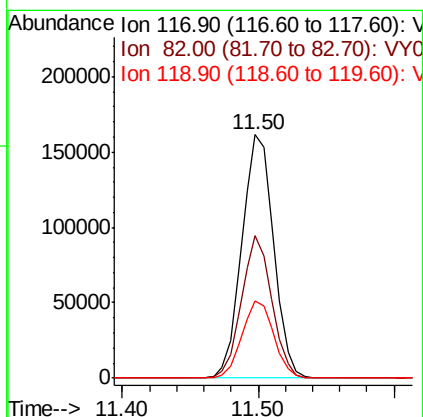
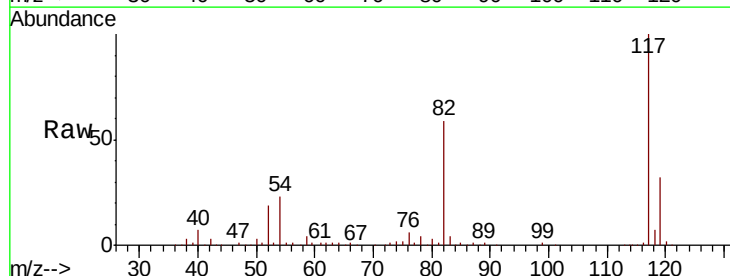
Instrument :
MSVOA_Y
ClientSampleId :

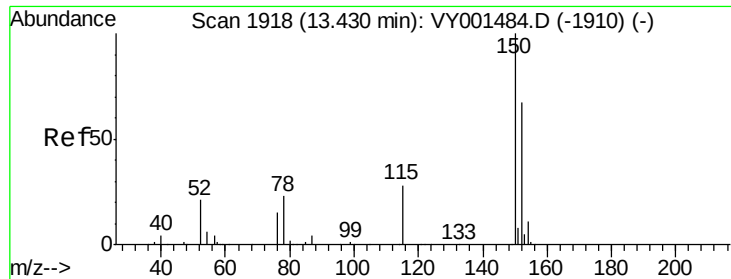
Tot Ion	95	Resp	113976
Ion Ratio	Lower	Upper	
95	100		
174	76.3	0.0	141.4
176	73.2	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001588.D
Acq: 10 Feb 2020 16:58

Tgt Ion	117	Resp	263360
Ion Ratio	Lower	Upper	
117	100		
82	58.6	46.1	69.1
119	31.7	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001588.D

Acq: 10 Feb 2020 16:58

Instrument :

MSVOA_Y

ClientSampleId :

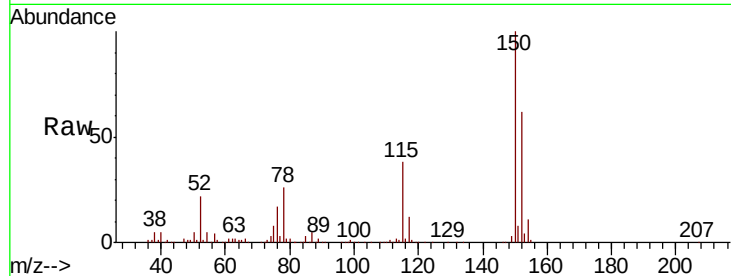
Tot Ion:152 Resp: 103458

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.3

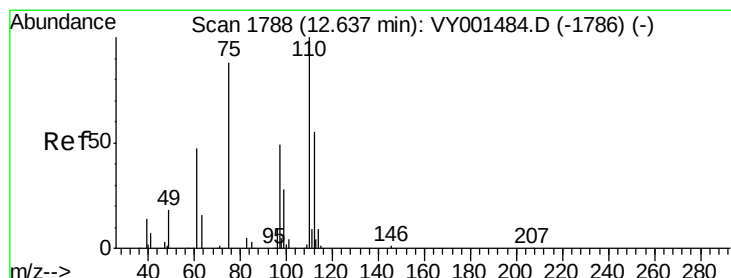
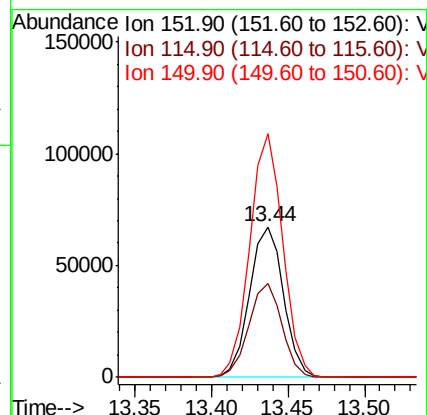
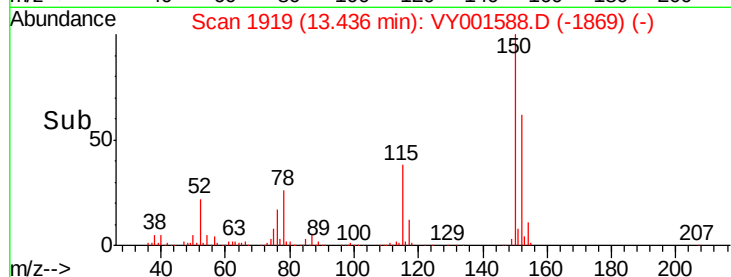
150 158.1 0.0 346.8



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: 51.354 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001588.D

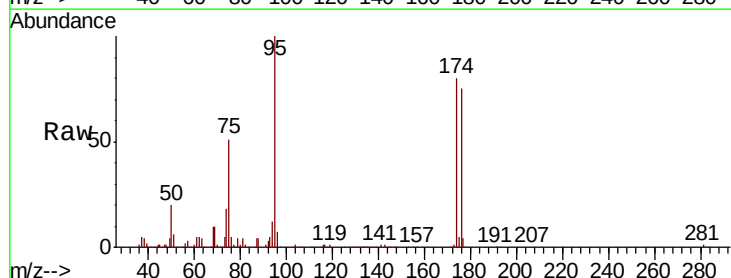
Acq: 10 Feb 2020 16:58

Tgt Ion: 75 Resp: 57136

Ion Ratio Lower Upper

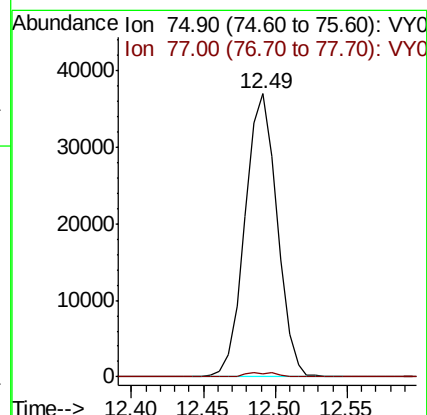
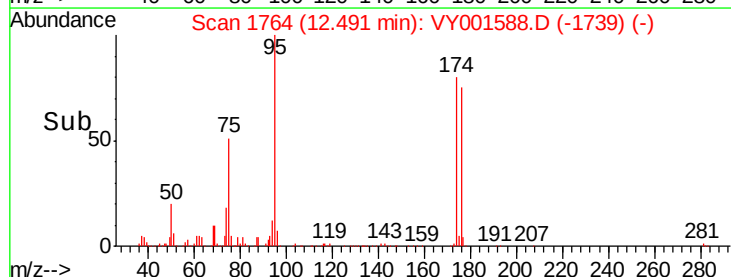
75 100

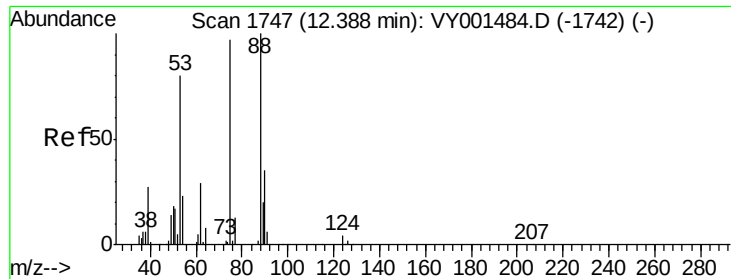
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.368 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001588.D
 Acq: 10 Feb 2020 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 57136
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.1 34.6 52.0#

