

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002129.D
 Acq On : 31 Mar 2020 13:45
 Operator : SY/MD
 Sample : L2055-06
 Misc : 5.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(1-3)

Quant Time: Mar 31 15:01:07 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

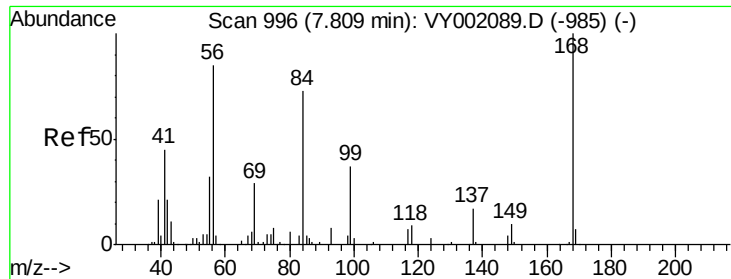
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	96833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	83919	59.27	ug/l	0.00
Spiked Amount			Recovery	=	118.54%	
35) Dibromofluoromethane	7.75	113	75018	52.43	ug/l	0.01
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.19	98	311445	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	104525	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	3368	20.19	ug/l #	85
16) Acetone	3.98	43	23207	58.34	ug/l	95
20) Methylene Chloride	4.75	84	2805	Below Cal	#	82
25) 2-Butanone	7.02	43	9522	15.59	ug/l #	82
26) 2,2-Dichloropropane	7.01	77	11450	5.02	ug/l #	52
31) Cyclohexane	7.82	56	3117	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	11855	4.91	ug/l #	49
37) Ethyl Acetate	7.02	43	9522	6.52	ug/l #	6
38) Carbon Tetrachloride	7.82	117	12929	6.31	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	53576	49.46	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53576	95.83	ug/l #	17

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY033120\  
Data File : VY002129.D  
Acq On    : 31 Mar 2020   13:45  
Operator  : SY/MD  
Sample    : L2055-06  
Misc      : 5.85G/5ML/MSV0A_Y/SOIL  
ALS Vial  : 9   Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

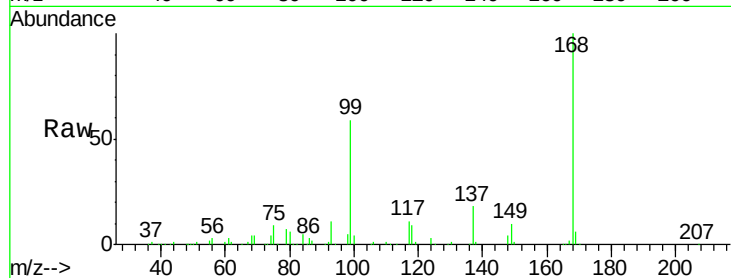
SB-10-(1-3)

Tgt Ion:168 Resp: 128079

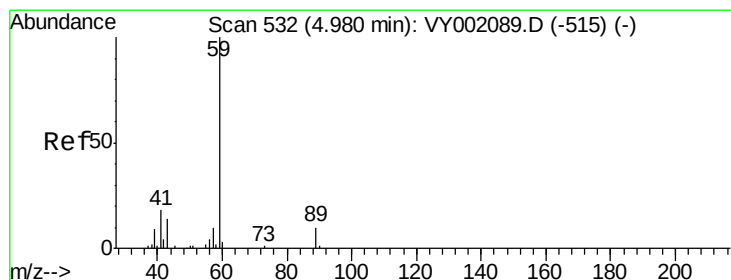
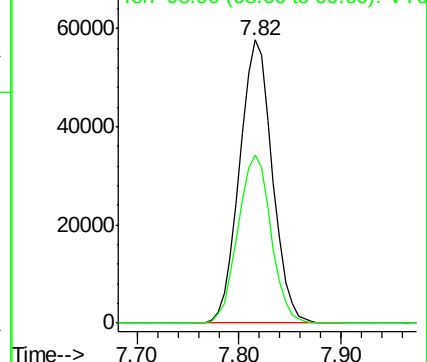
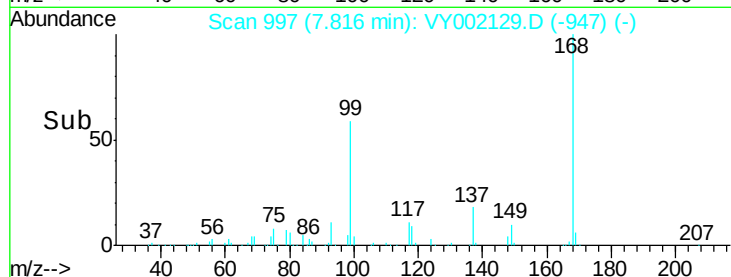
Ion Ratio Lower Upper

168 100

99 59.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002129.D (-947) (-)



#11

Tert butyl alcohol

Concen: 20.19 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.00 min

Lab File: VY002129.D

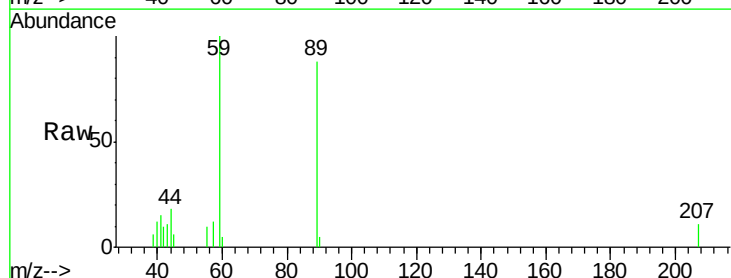
Acq: 31 Mar 2020 13:45

Tgt Ion: 59 Resp: 3368

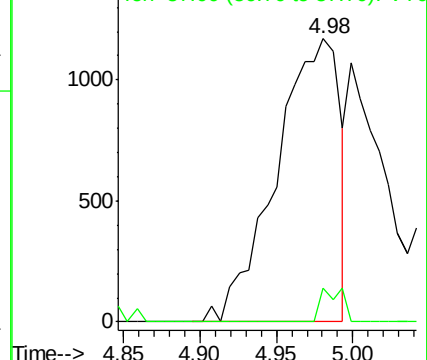
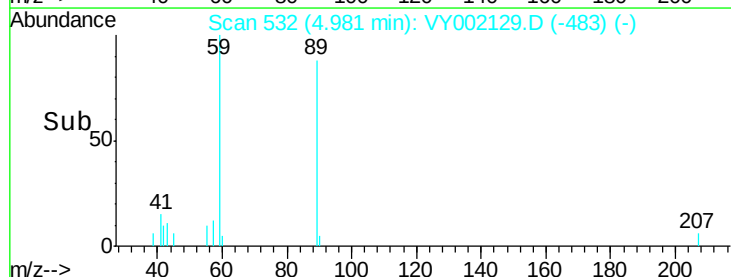
Ion Ratio Lower Upper

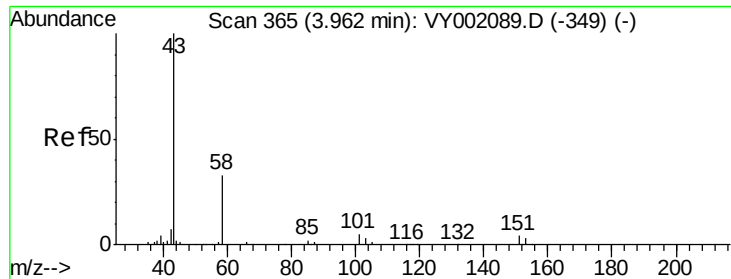
59 100

57 4.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002129.D (-483) (-)

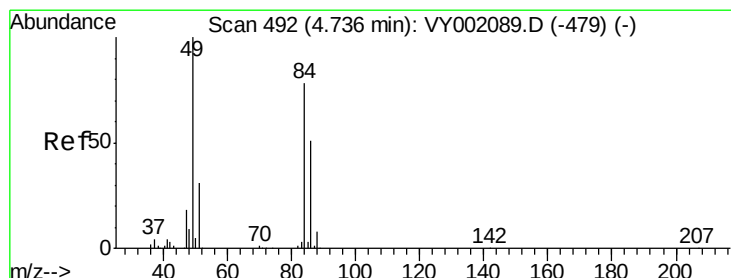
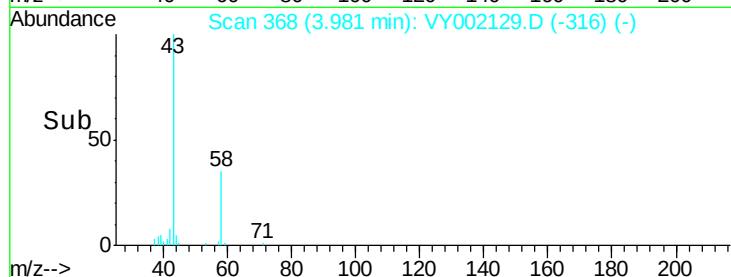
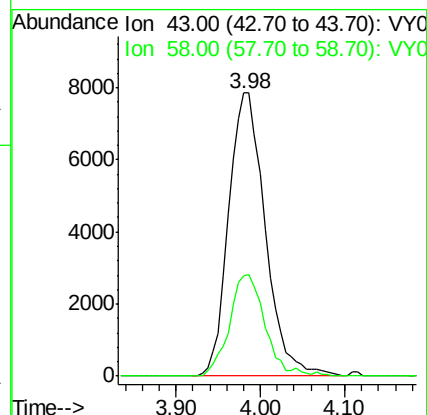
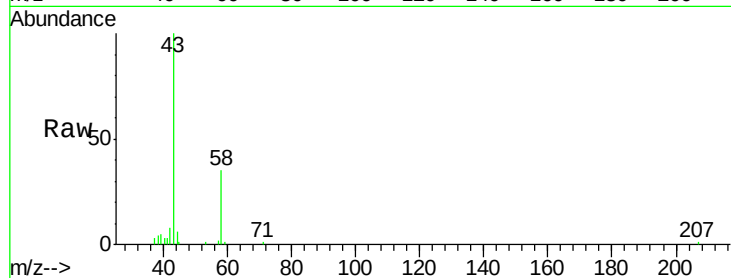




#16
Acetone
Concen: 58.34 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

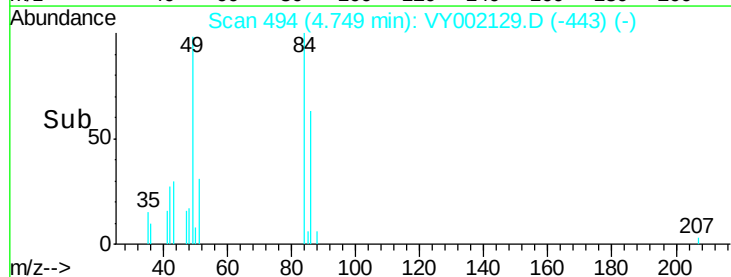
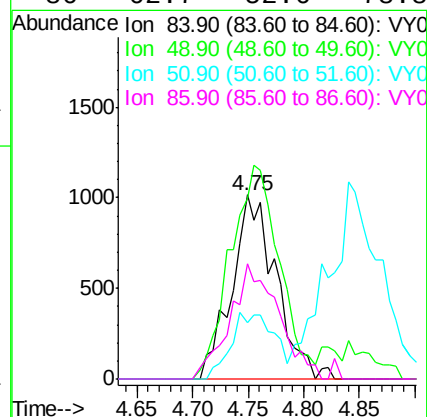
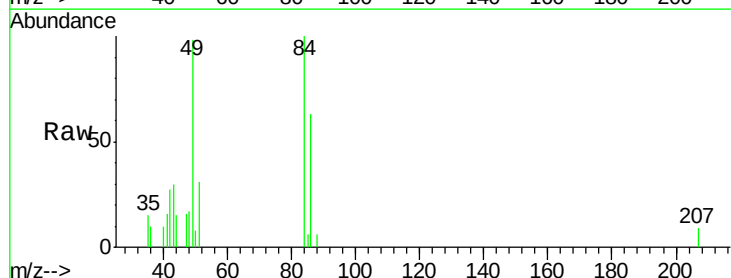
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(1-3)

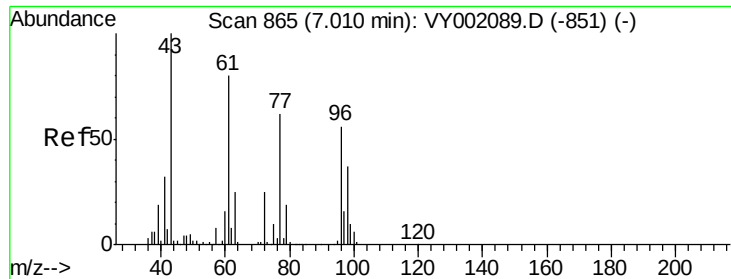
Tgt Ion: 43 Resp: 23207
Ion Ratio Lower Upper
43 100
58 35.5 26.3 39.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

Tgt Ion: 84 Resp: 2805
Ion Ratio Lower Upper
84 100
49 97.7 102.2 153.4#
51 30.6 31.2 46.8#
86 62.7 52.6 78.8





#25

2-Butanone

Concen: 15.59 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

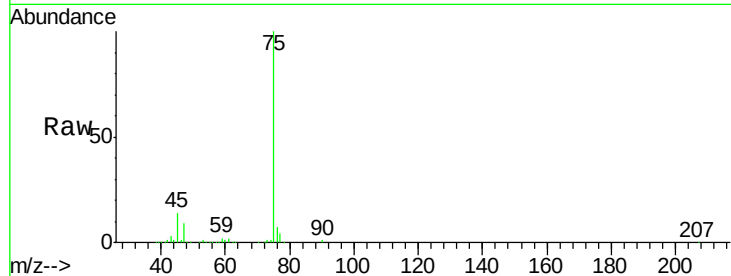
SB-10-(1-3)

Tgt Ion: 43 Resp: 9522

Ion Ratio Lower Upper

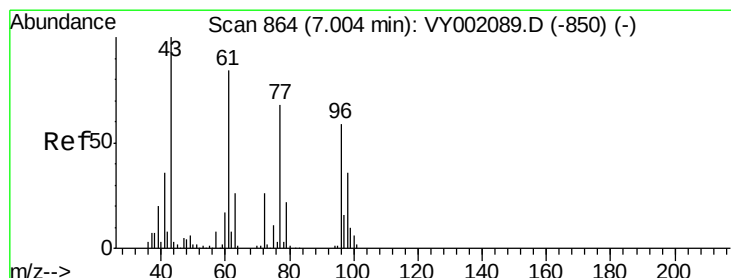
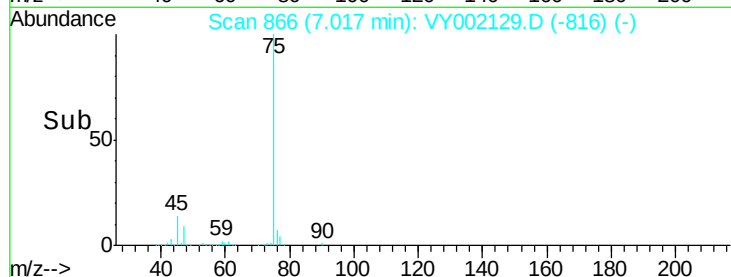
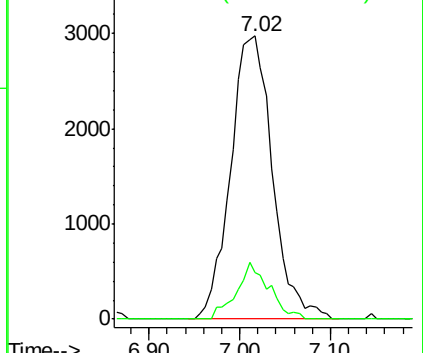
43 100

72 16.3 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.02 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002129.D

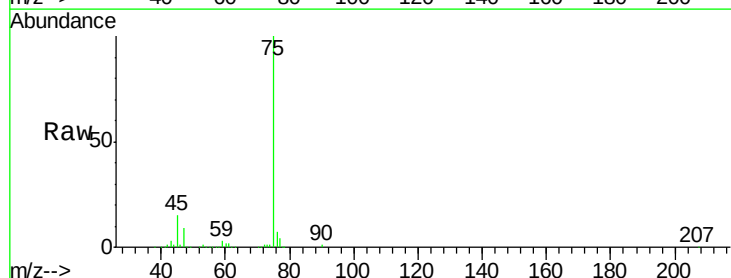
Acq: 31 Mar 2020 13:45

Tgt Ion: 77 Resp: 11450

Ion Ratio Lower Upper

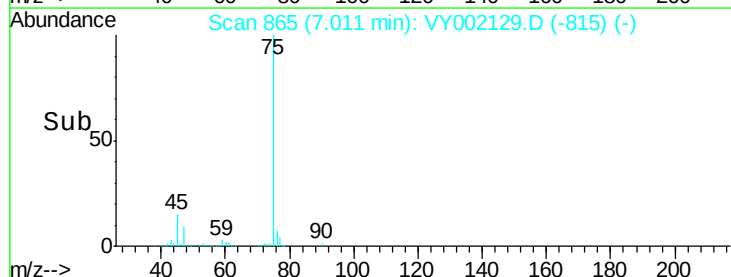
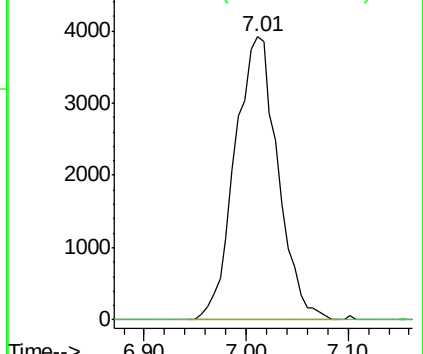
77 100

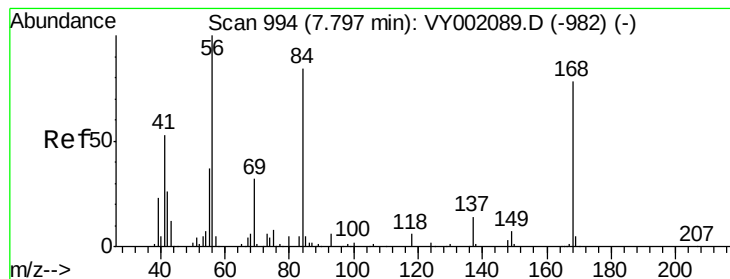
97 0.0 11.7 35.1#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-(1-3)

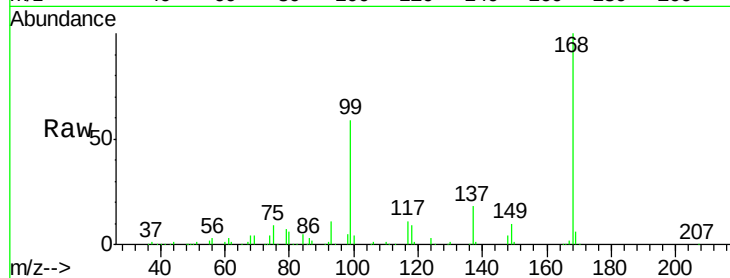
Tgt Ion: 56 Resp: 3117

Ion Ratio Lower Upper

56 100

69 149.6 25.8 38.8#

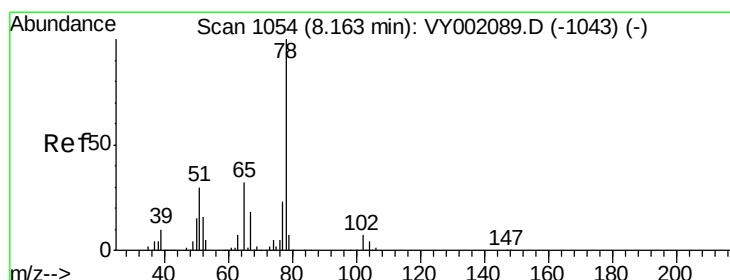
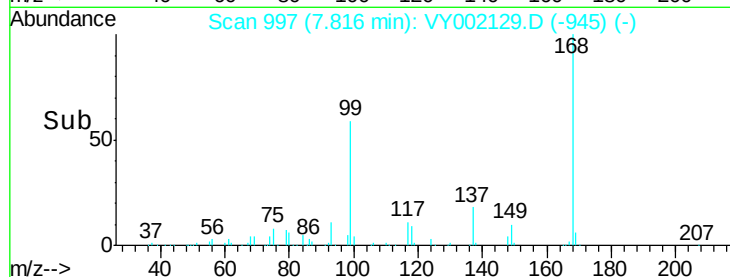
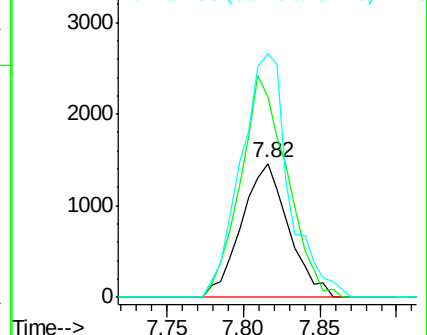
84 182.4 67.1 100.7#



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: 59.27 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002129.D

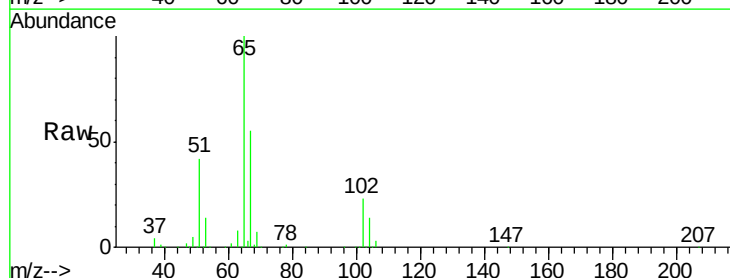
Acq: 31 Mar 2020 13:45

Tgt Ion: 65 Resp: 83919

Ion Ratio Lower Upper

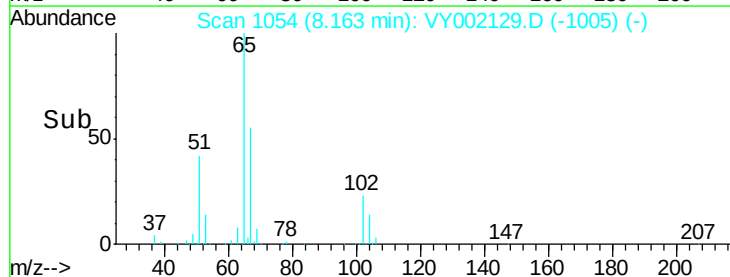
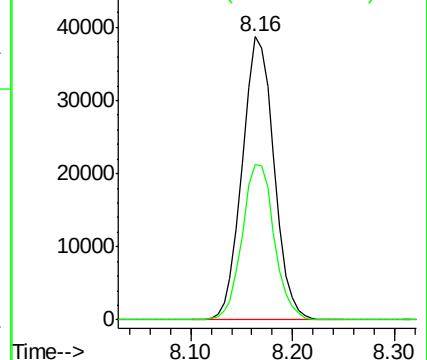
65 100

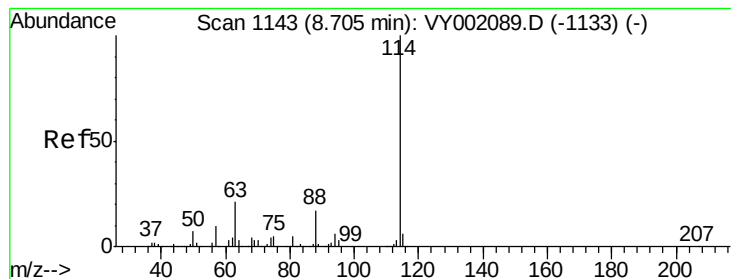
67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-(1-3)

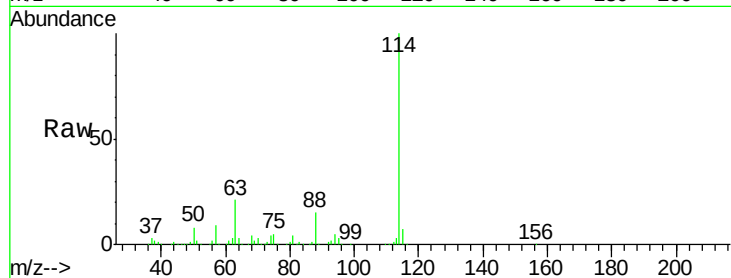
Tgt Ion:114 Resp: 255381

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

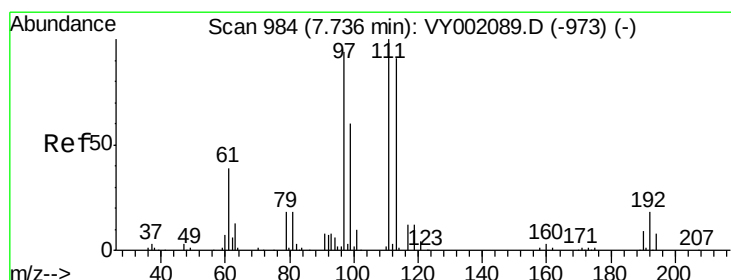
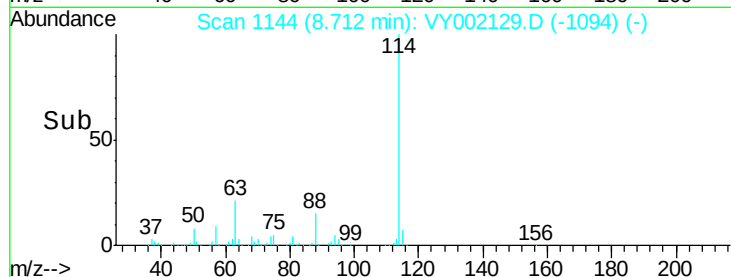
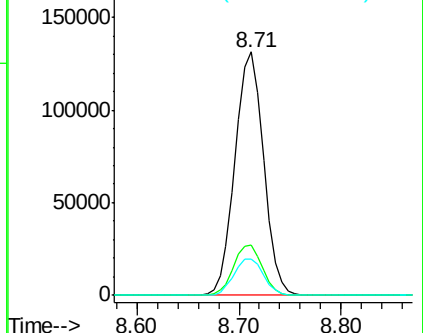
88 15.0 0.0 33.0



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: 52.43 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

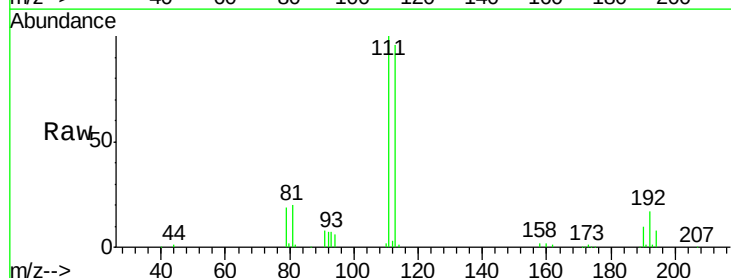
Tgt Ion:113 Resp: 75018

Ion Ratio Lower Upper

113 100

111 105.2 84.4 126.6

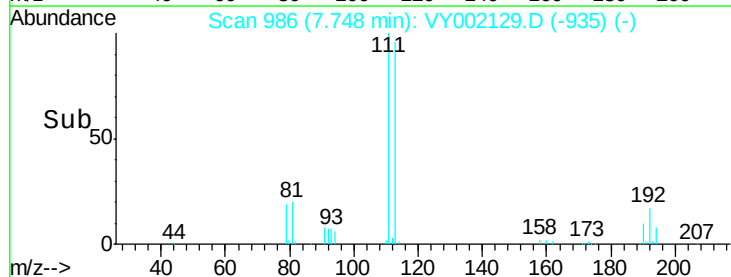
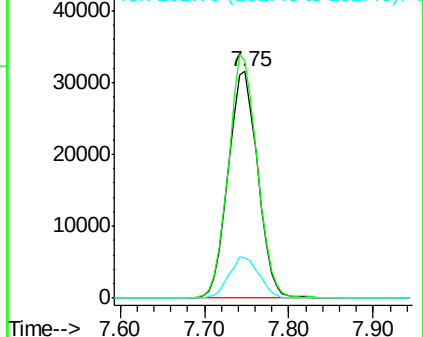
192 18.3 14.6 21.8

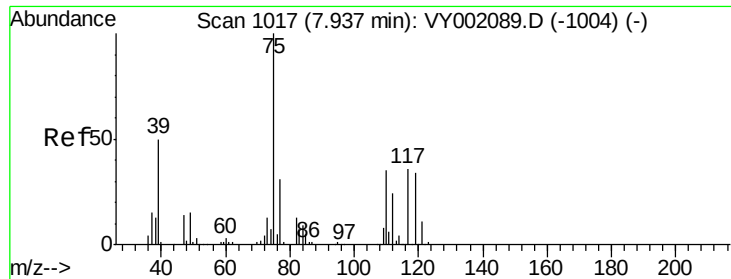


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

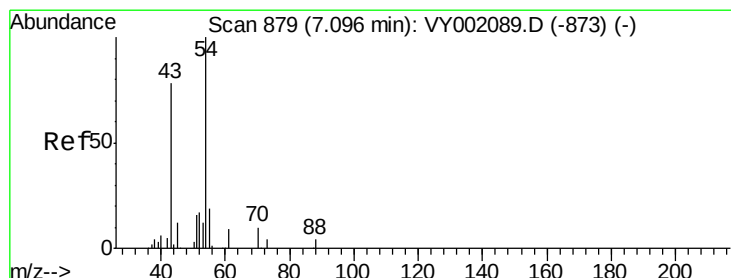
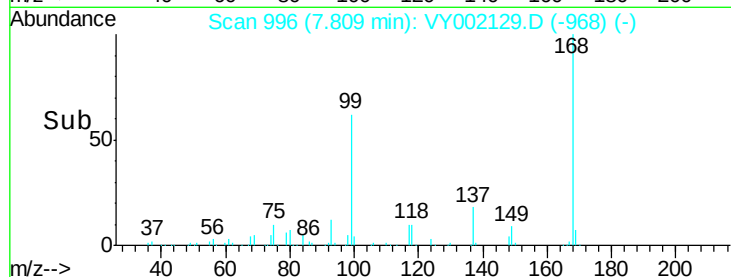
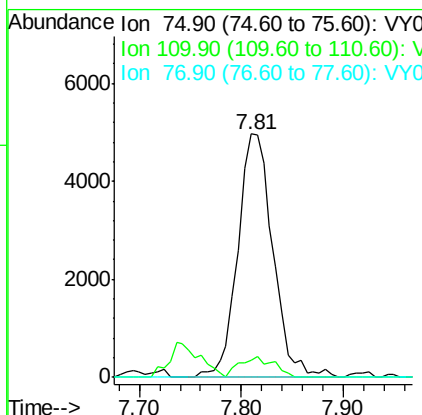
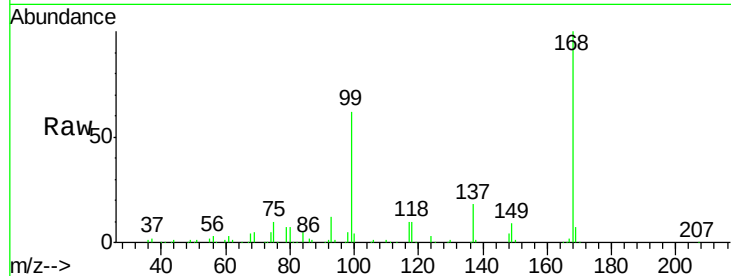




#36
 1,1-Dichloropropene
 Concen: 4.91 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002129.D
 Acq: 31 Mar 2020 13:45

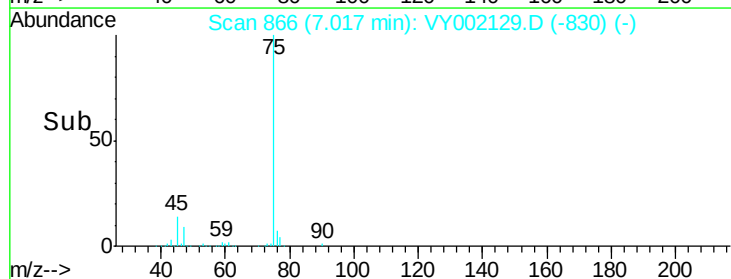
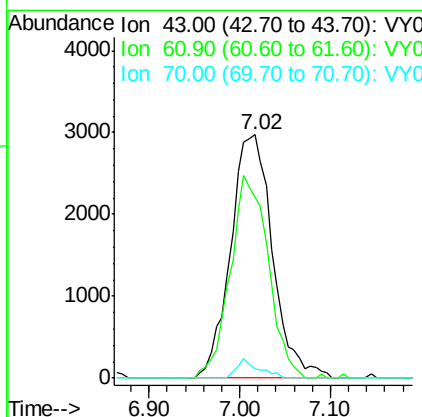
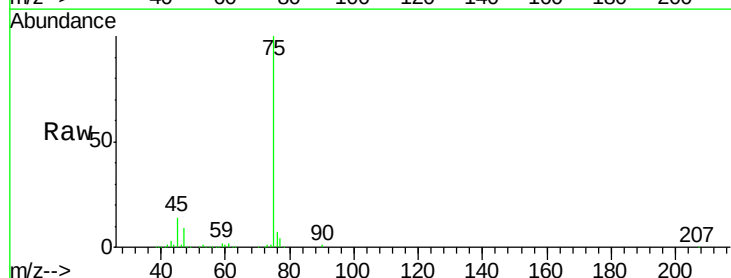
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(1-3)

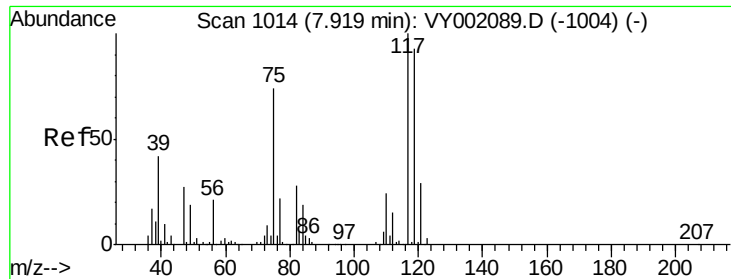
Tgt Ion: 75 Resp: 11855
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.2 51.6#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 6.52 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VY002129.D
 Acq: 31 Mar 2020 13:45

Tgt Ion: 43 Resp: 9522
 Ion Ratio Lower Upper
 43 100
 61 75.3 11.2 16.8#
 70 4.0 8.2 12.4#

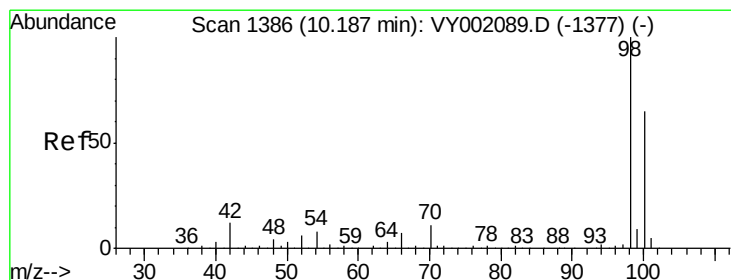
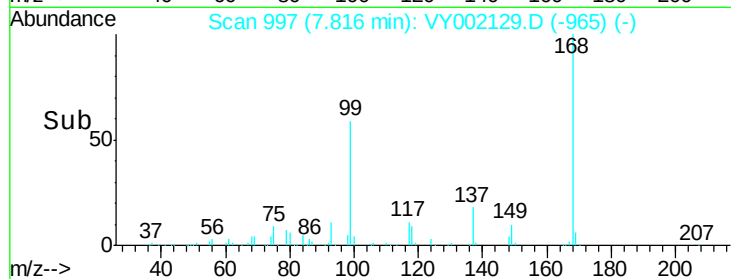
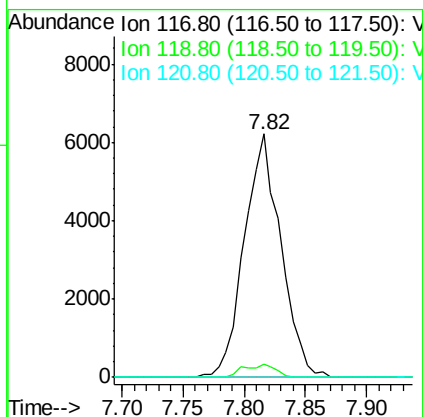
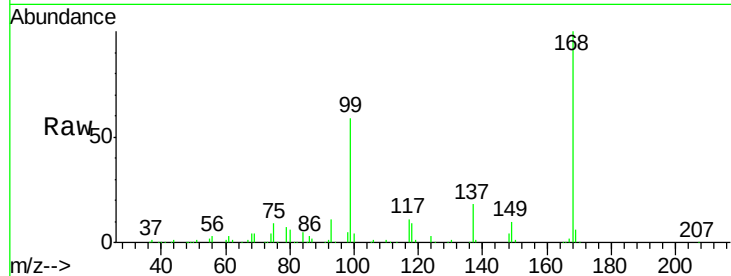




#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

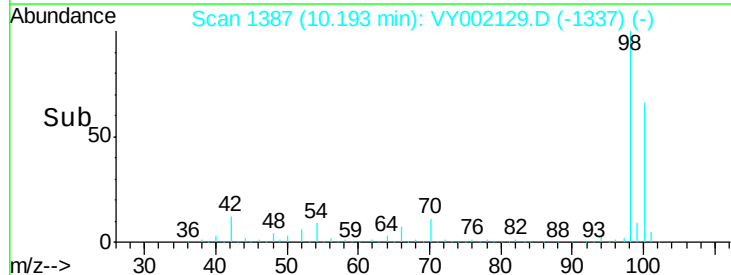
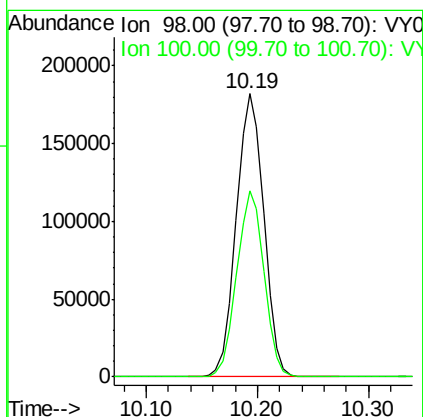
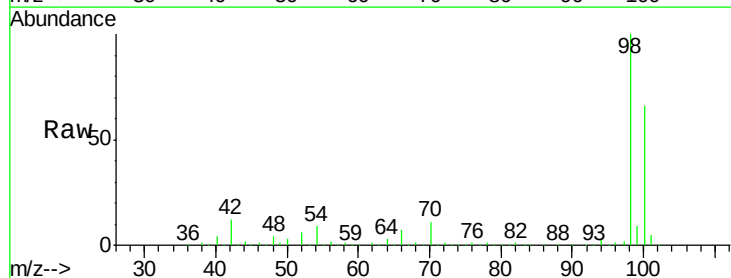
Instrument :
MSVOA_Y
ClientSampled :
SB-10-(1-3)

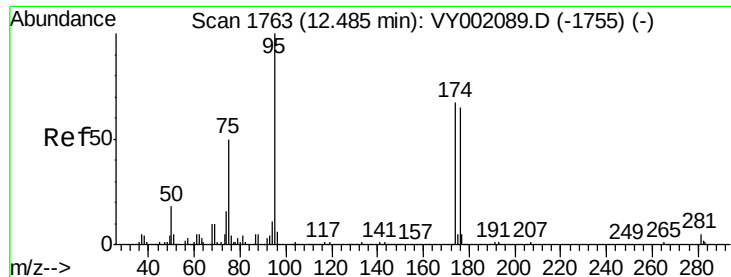
Tgt Ion:117 Resp: 12929
Ion Ratio Lower Upper
117 100
119 5.4 74.3 111.5#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

Tgt Ion: 98 Resp: 311445
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

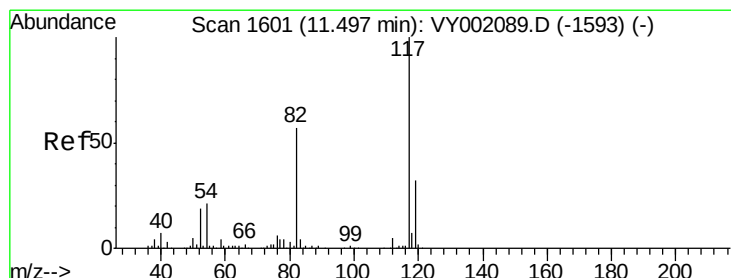
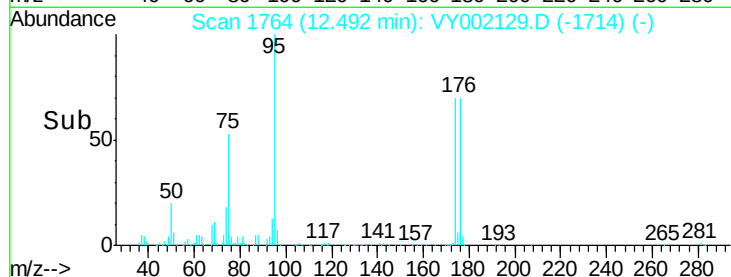
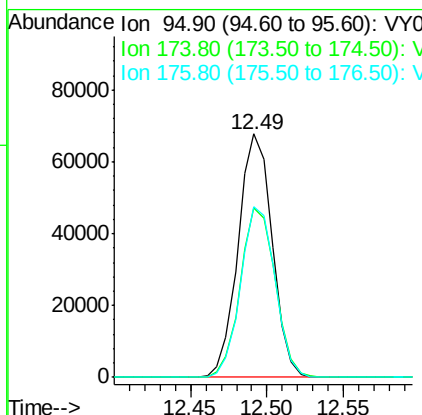
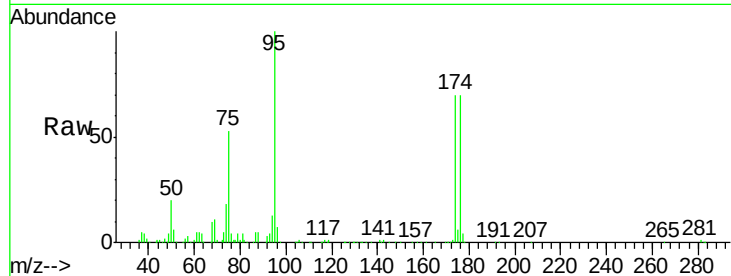




#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

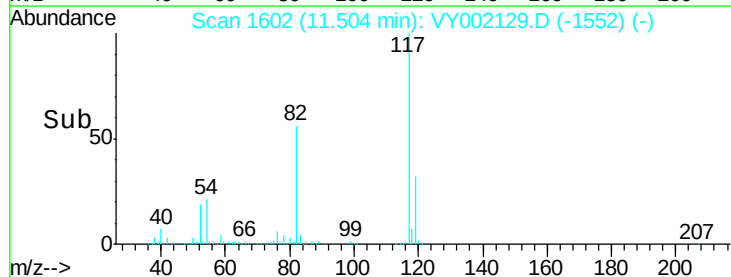
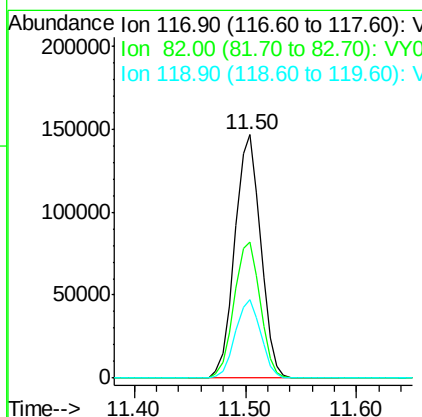
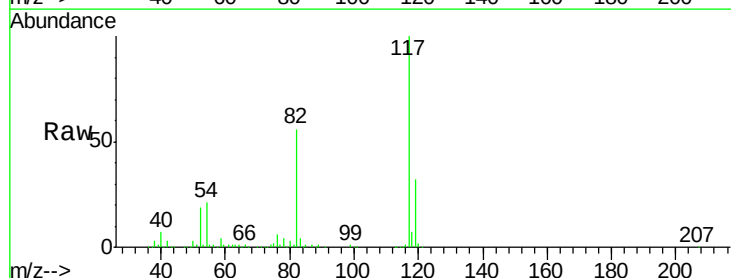
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(1-3)

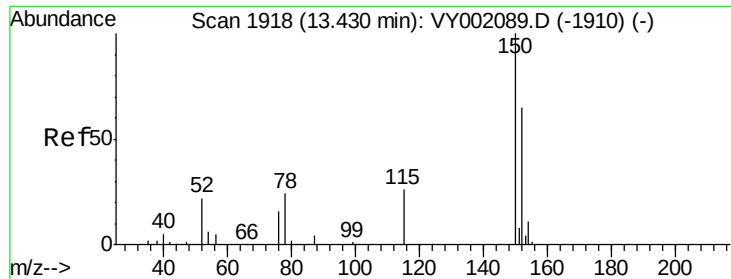
Tgt Ion: 95 Resp: 104525
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.4
176 71.1 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

Tgt Ion: 117 Resp: 235525
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampled :

SB-10-(1-3)

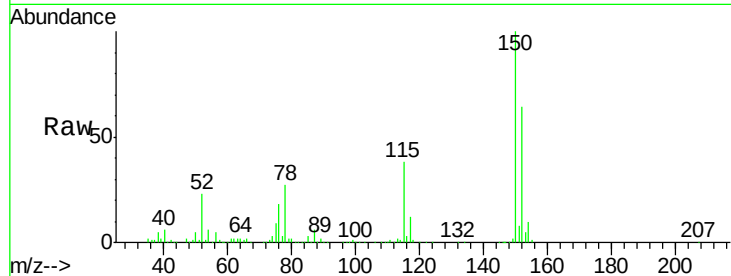
Tgt Ion:152 Resp: 96833

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

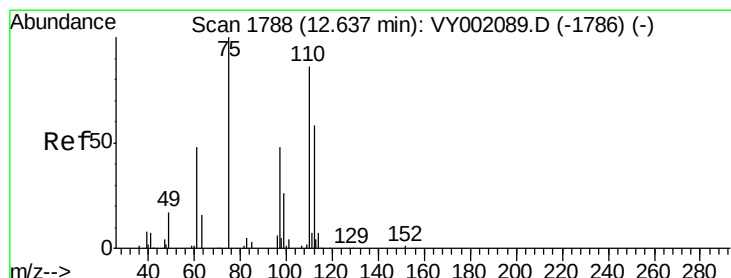
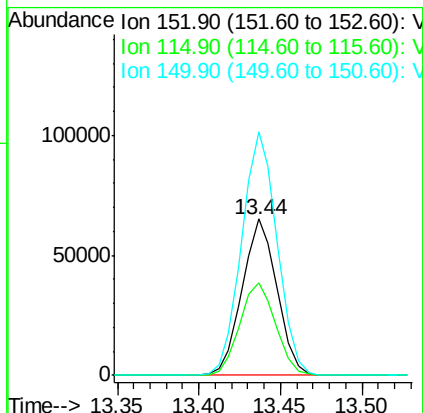
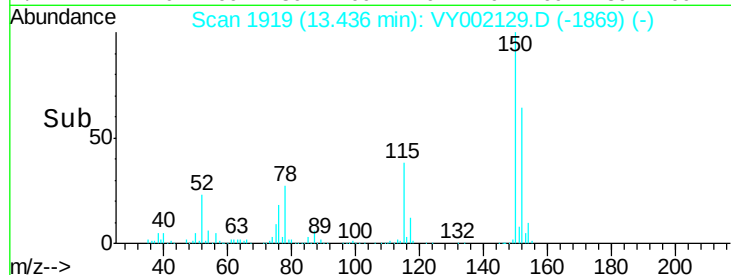
150 158.5 0.0 354.8



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: 49.46 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002129.D

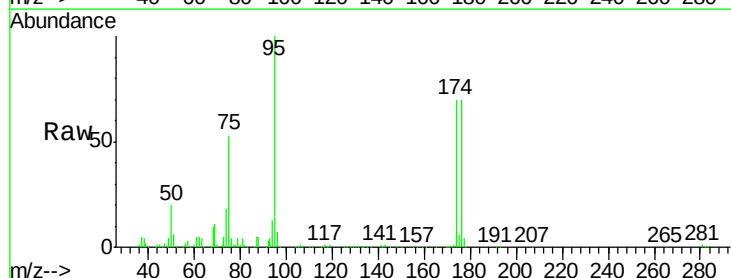
Acq: 31 Mar 2020 13:45

Tgt Ion: 75 Resp: 53576

Ion Ratio Lower Upper

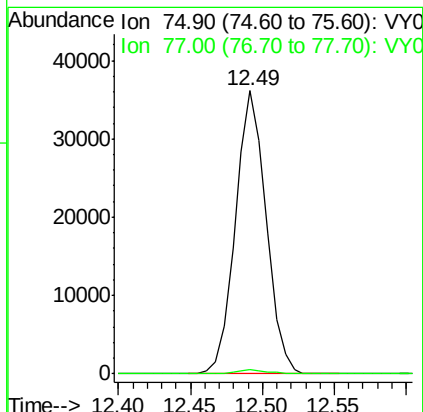
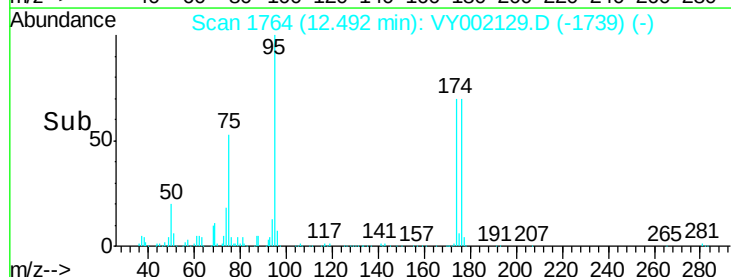
75 100

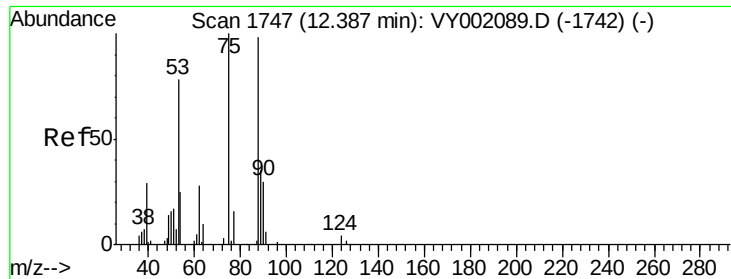
77 1.4 0.0 0.0#



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: 95.83 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-(1-3)

Tgt Ion: 75 Resp: 53576

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

