

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002128.D
 Acq On : 31 Mar 2020 13:23
 Operator : SY/MD
 Sample : L2055-05
 Misc : 6.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-(1-3)

Quant Time: Mar 31 15:01:01 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	128929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	251182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	221103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	77563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	81469	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	
35) Dibromofluoromethane	7.75	113	75549	53.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.19	98	309216	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	91393	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

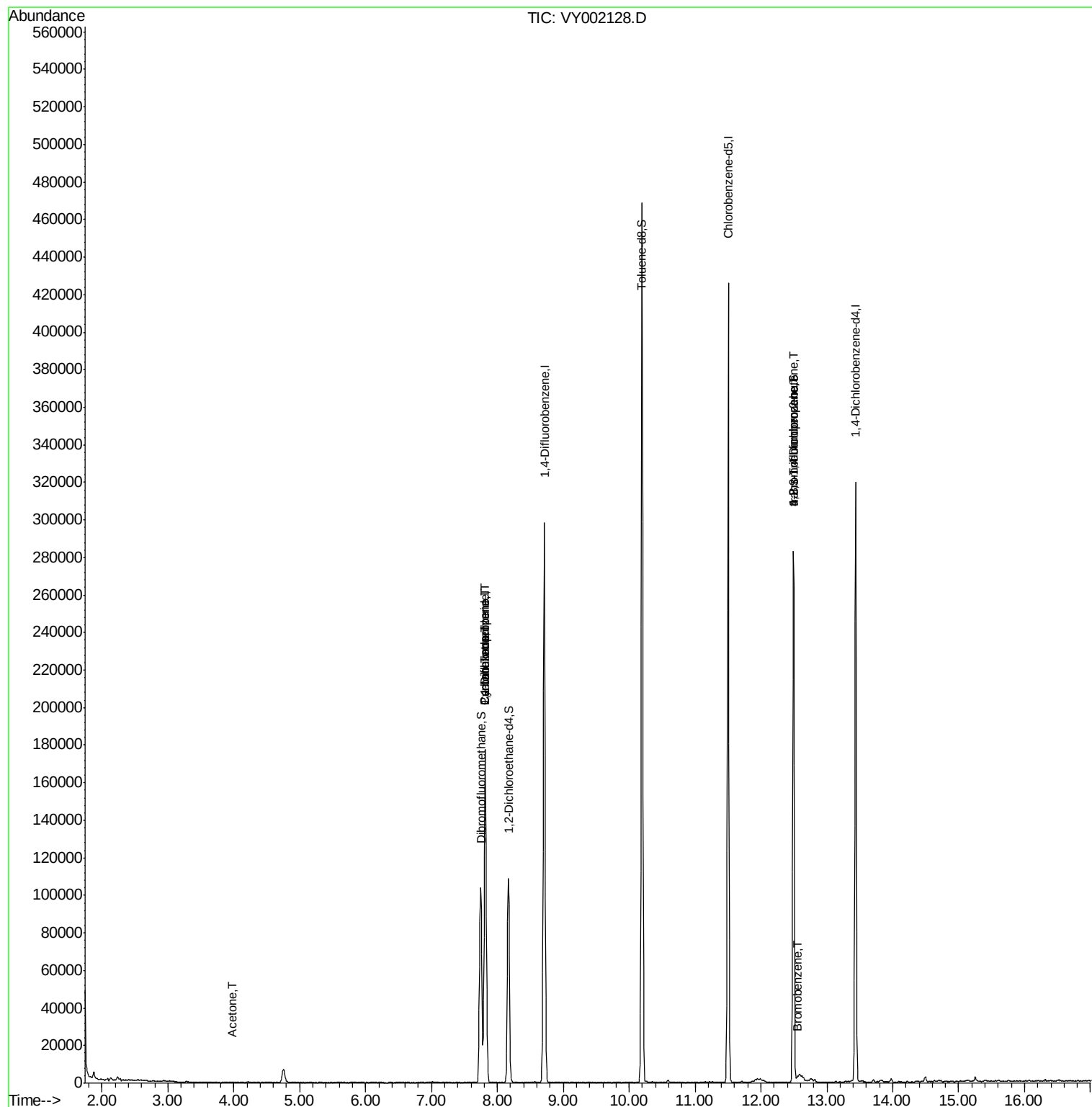
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	35	Below Cal	#	43
16) Acetone	3.97	43	452	1.13	ug/l	98
20) Methylene Chloride	4.76	84	5538	Below Cal		95
31) Cyclohexane	7.82	56	3186	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11054	4.65	ug/l #	50
38) Carbon Tetrachloride	7.82	117	13787	6.84	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	47971	55.29	ug/l #	100
77) Bromobenzene	12.56	156	3676	2.99	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	47971	107.12	ug/l #	17

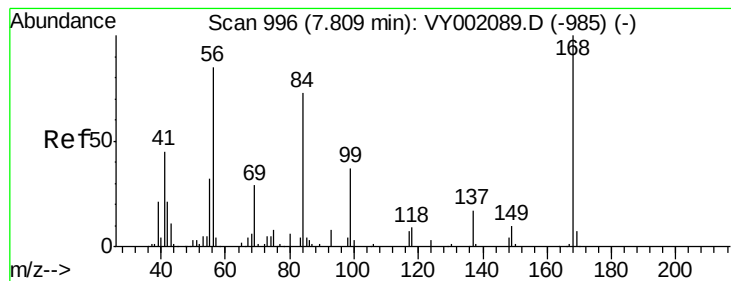
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
Data File : VY002128.D
Acq On : 31 Mar 2020 13:23
Operator : SY/MD
Sample : L2055-05
Misc : 6.70G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(1-3)

Quant Time: Mar 31 15:01:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

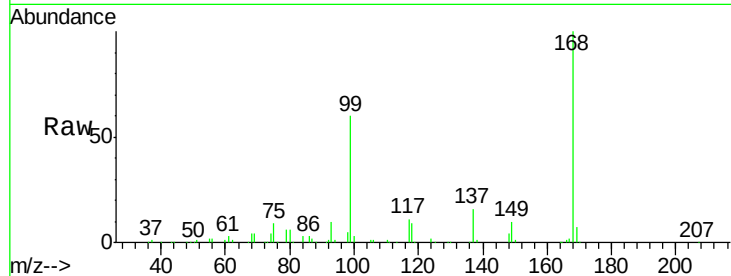
SB-8-(1-3)

Tgt Ion:168 Resp: 128929

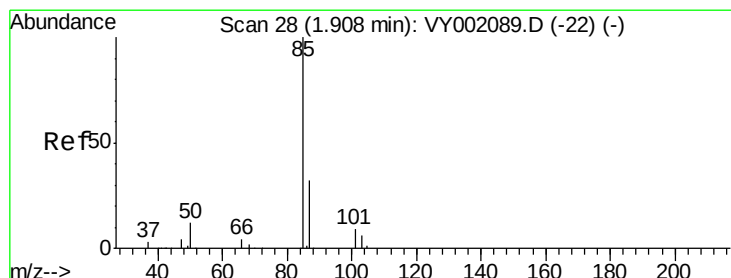
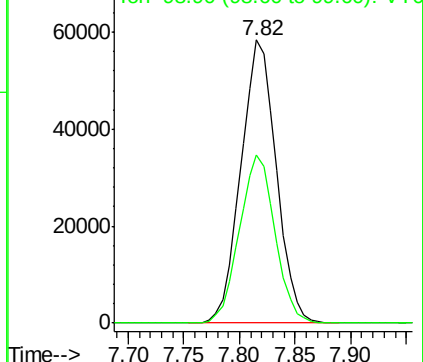
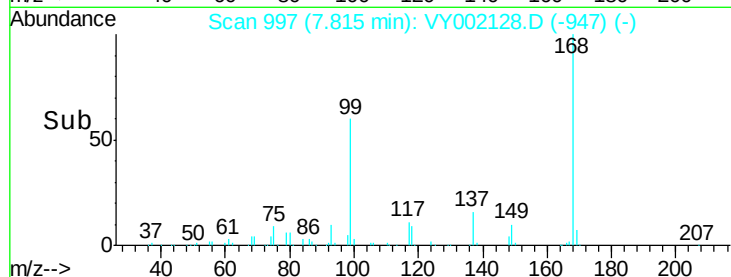
Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002128.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002128.D

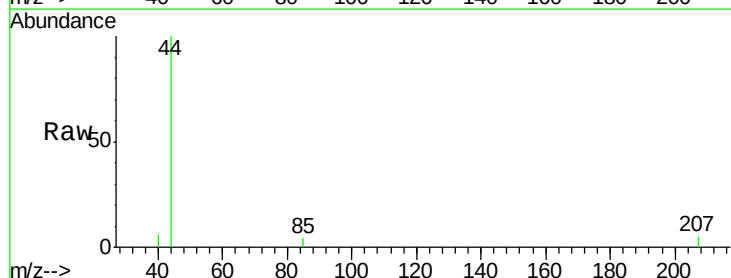
Acq: 31 Mar 2020 13:23

Tgt Ion: 85 Resp: 35

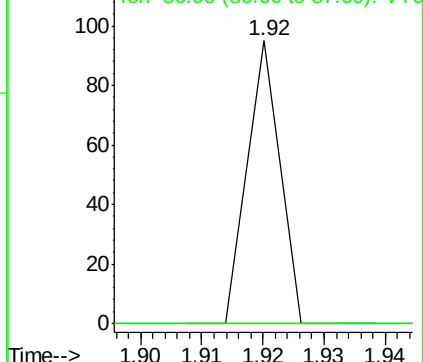
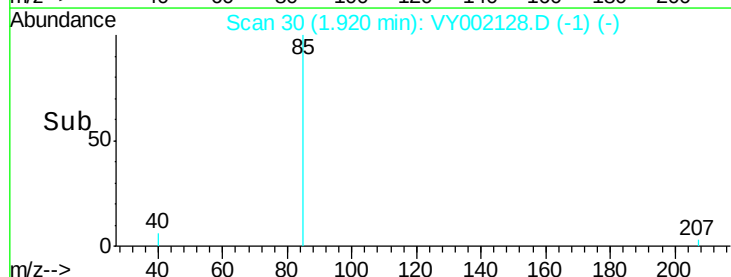
Ion Ratio Lower Upper

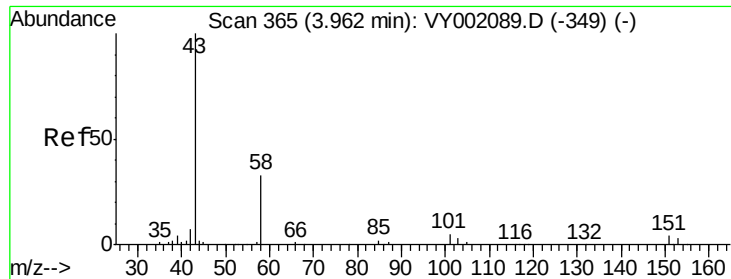
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002128.D (-1) (-)





#16

Acetone

Concen: 1.13 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

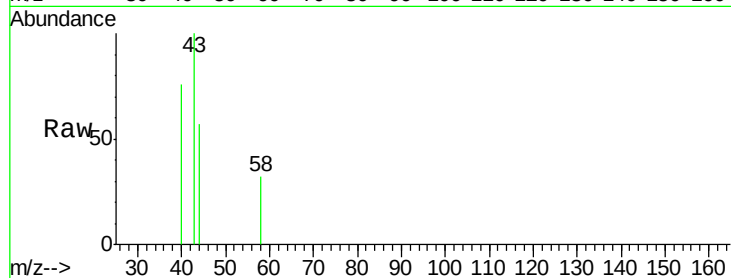
SB-8-(1-3)

Tgt Ion: 43 Resp: 452

Ion Ratio Lower Upper

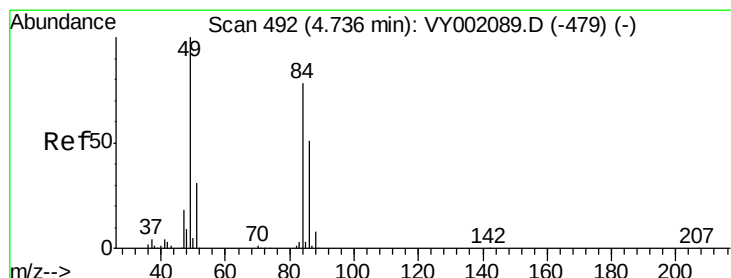
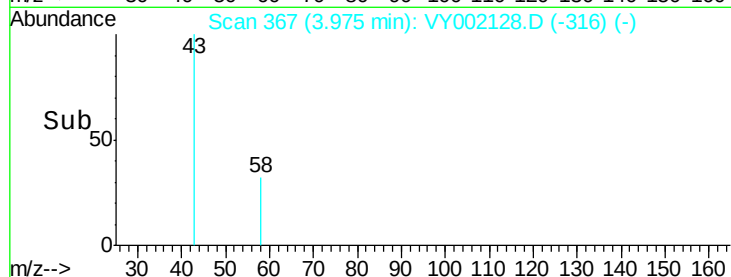
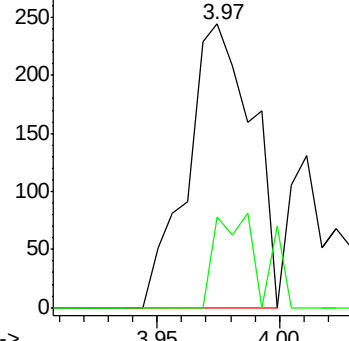
43 100

58 32.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.76 min Scan# 496

Delta R.T. 0.03 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Tgt Ion: 84 Resp: 5538

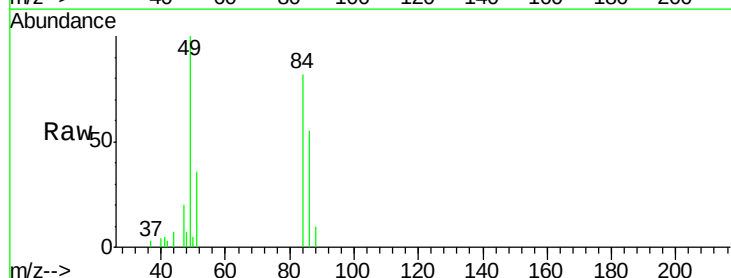
Ion Ratio Lower Upper

84 100

49 122.4 102.2 153.4

51 44.3 31.2 46.8

86 67.2 52.6 78.8

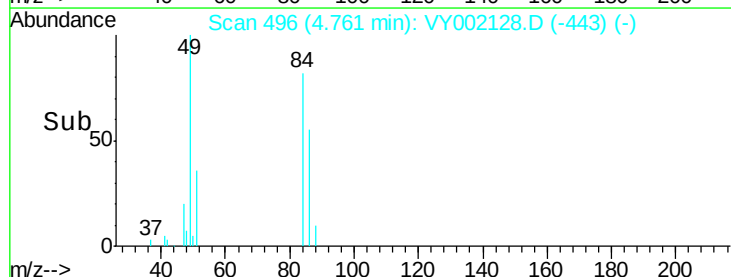
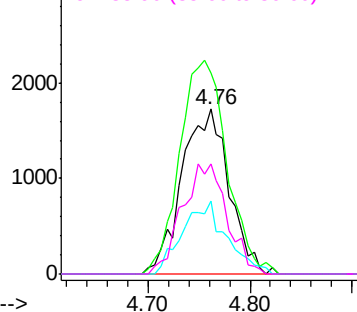


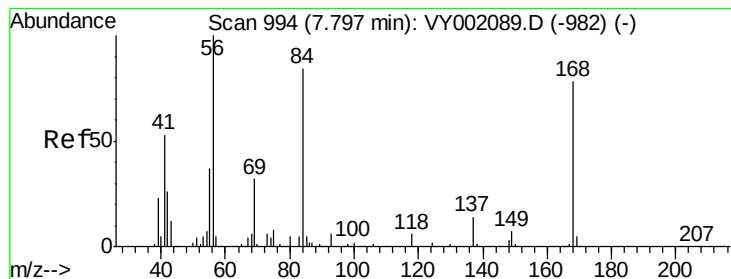
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-(1-3)

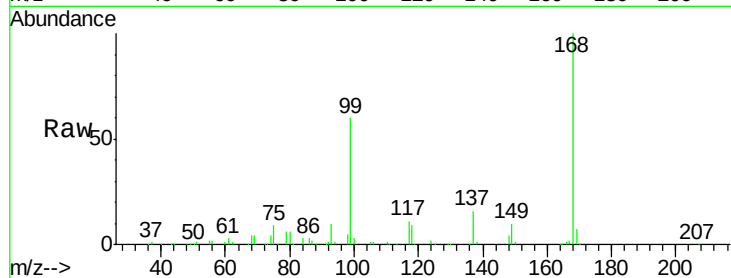
Tgt Ion: 56 Resp: 3186

Ion Ratio Lower Upper

56 100

69 179.2 25.8 38.8#

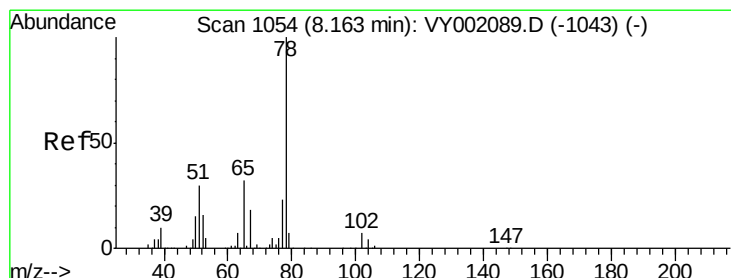
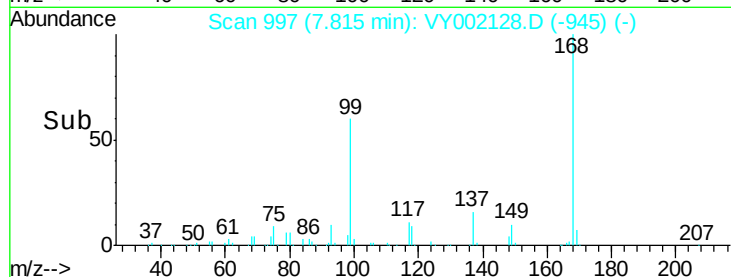
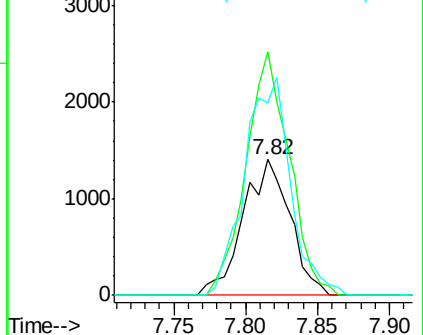
84 141.3 67.1 100.7#



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: 57.16 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002128.D

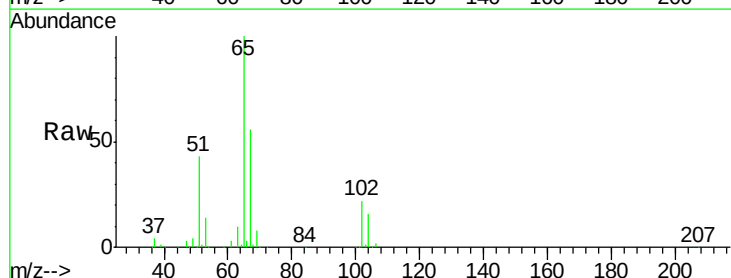
Acq: 31 Mar 2020 13:23

Tgt Ion: 65 Resp: 81469

Ion Ratio Lower Upper

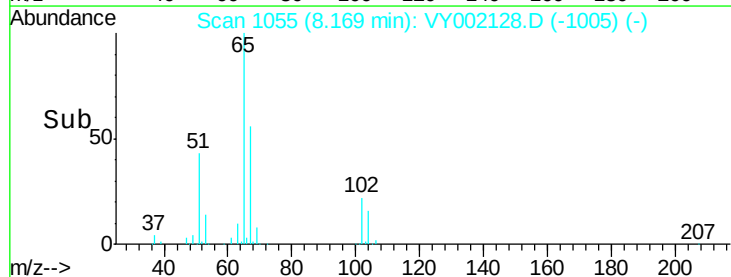
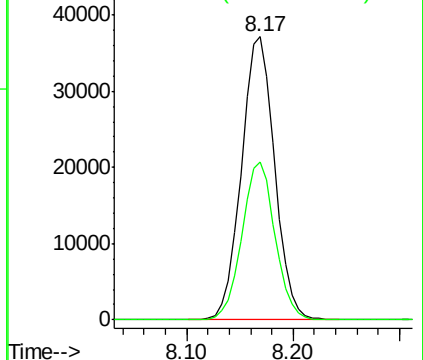
65 100

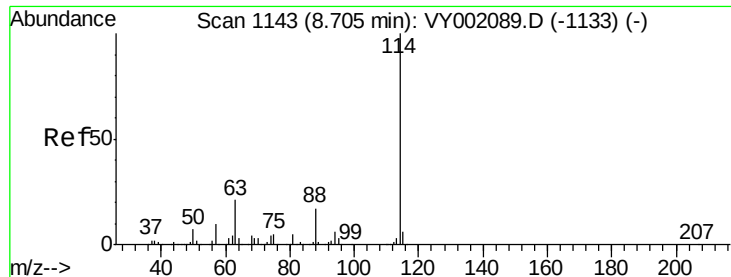
67 55.4 0.0 112.8



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: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-(1-3)

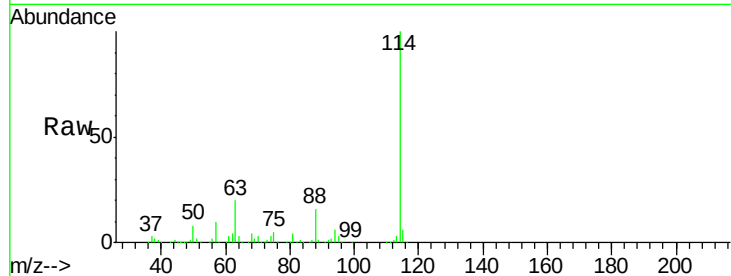
Tgt Ion:114 Resp: 251182

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

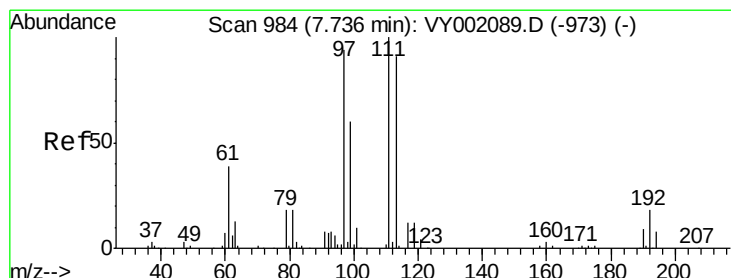
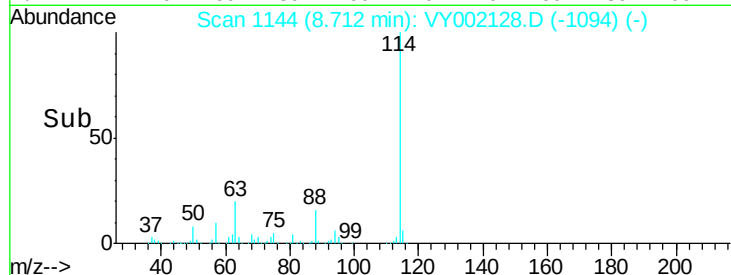
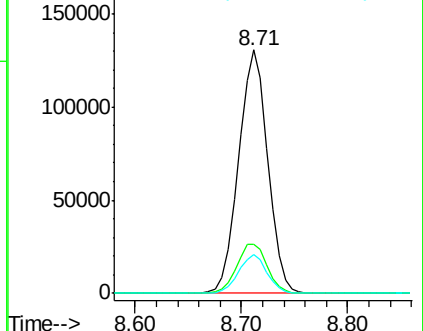
88 15.9 0.0 33.0



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: 53.68 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

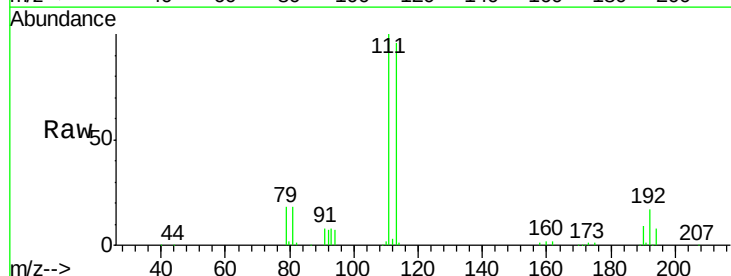
Tgt Ion:113 Resp: 75549

Ion Ratio Lower Upper

113 100

111 103.2 84.4 126.6

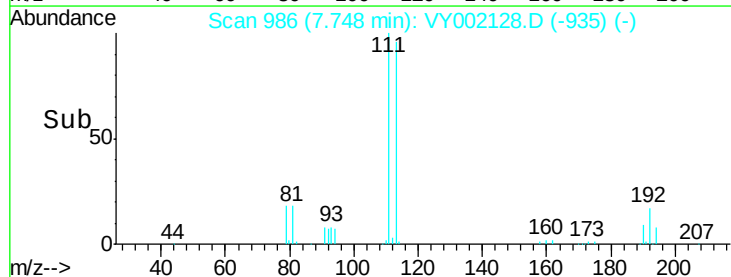
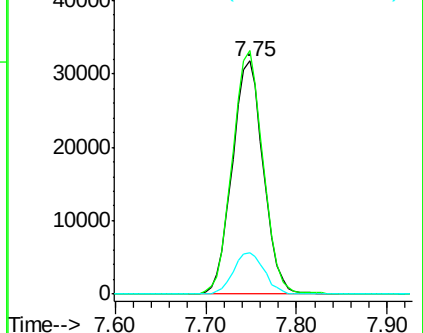
192 17.5 14.6 21.8

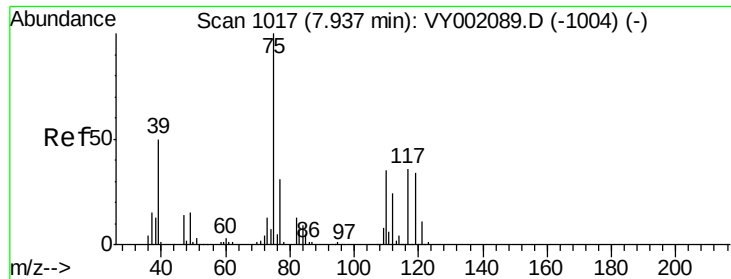


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

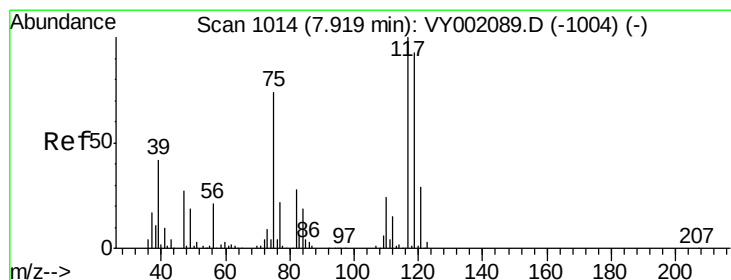
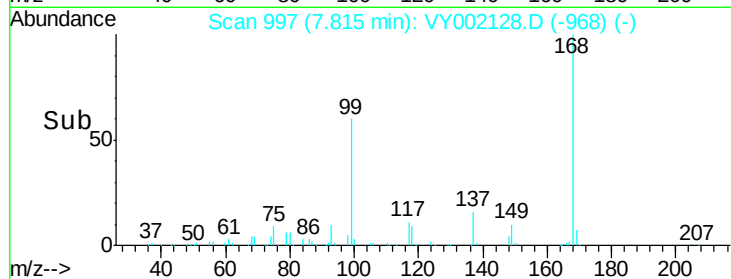
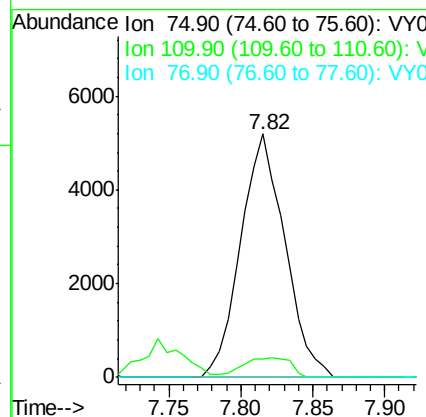
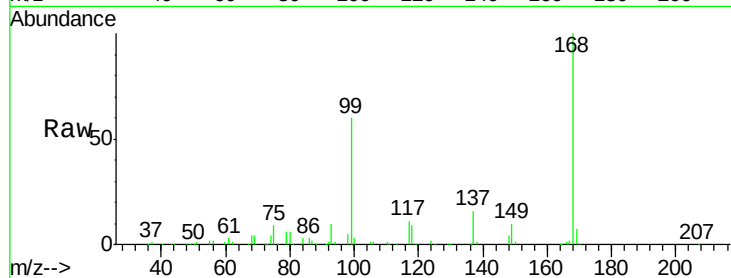




#36
 1,1-Dichloropropene
 Concen: 4.65 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002128.D
 Acq: 31 Mar 2020 13:23

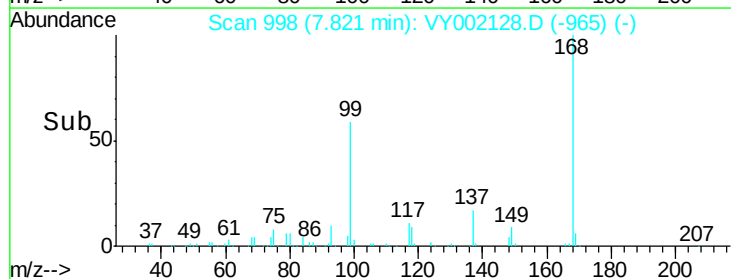
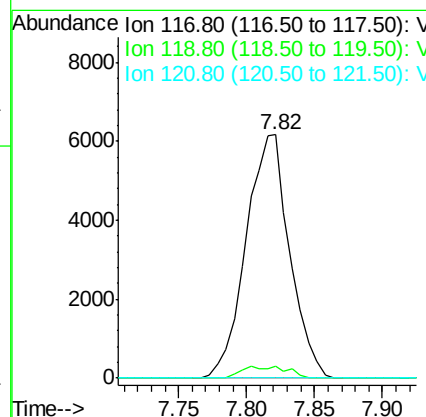
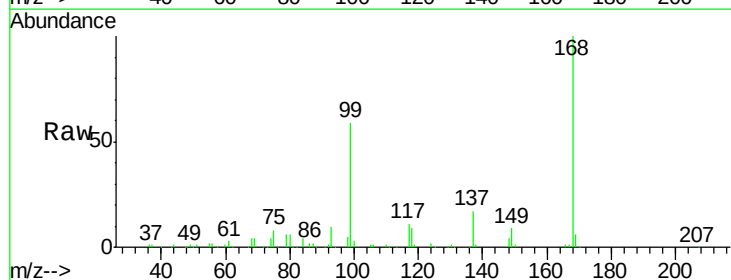
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-(1-3)

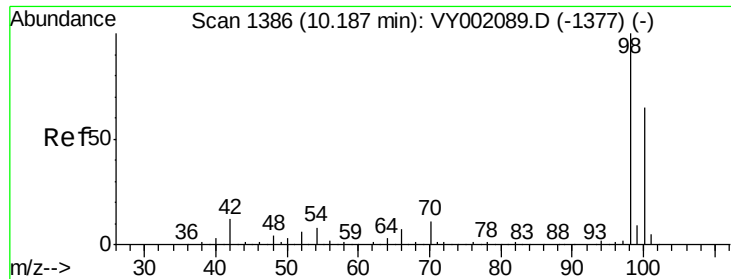
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.84 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY002128.D
 Acq: 31 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.89 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

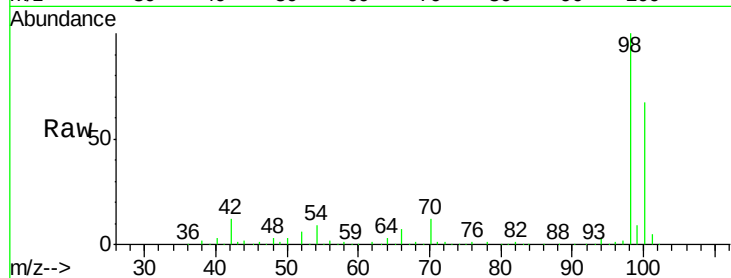
SB-8-(1-3)

Tgt Ion: 98 Resp: 309216

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

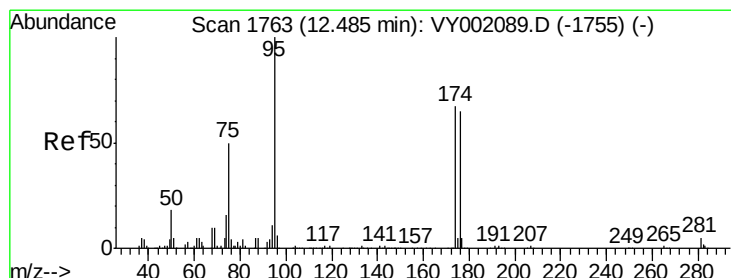
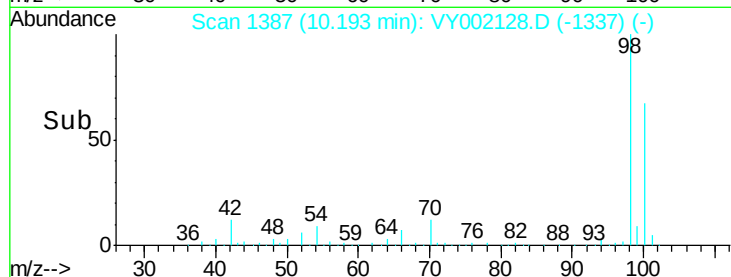
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 44.70 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

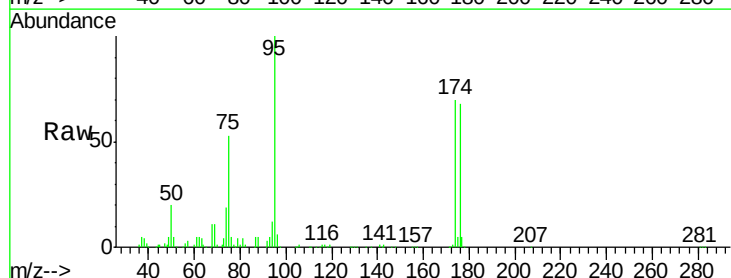
Tgt Ion: 95 Resp: 91393

Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.4

176 71.0 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

80000

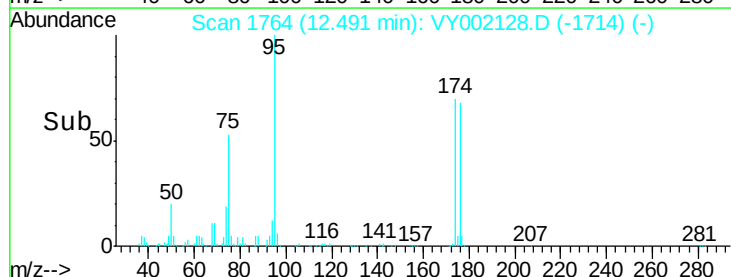
60000

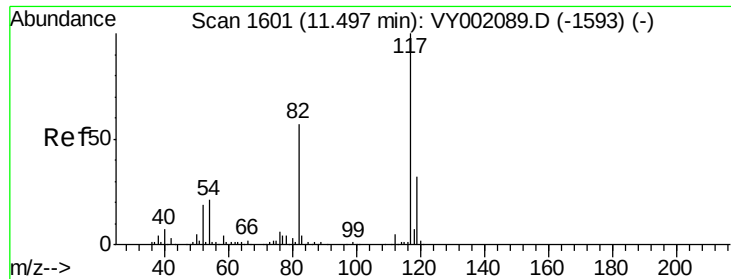
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

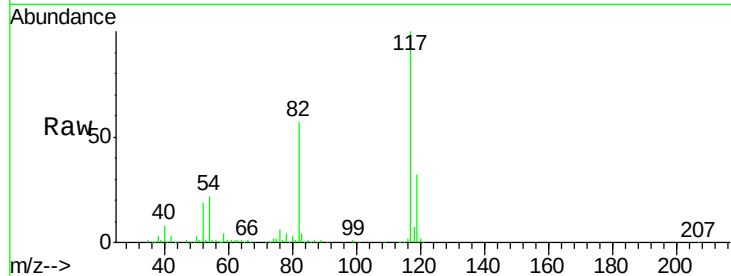




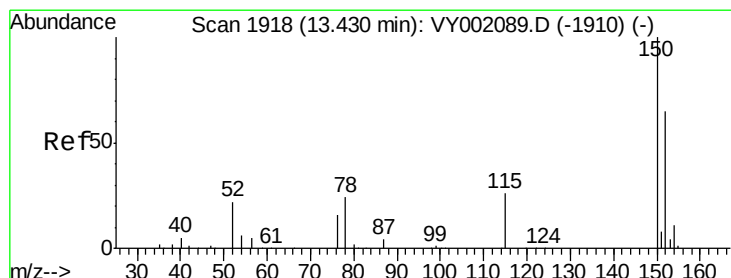
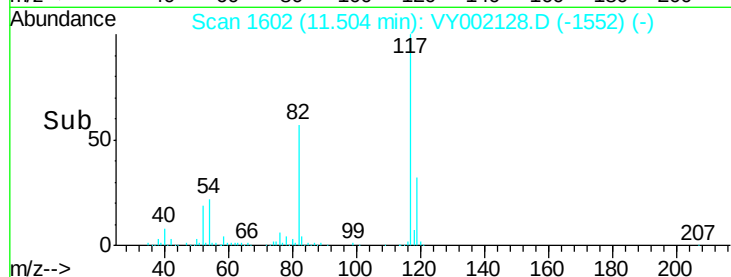
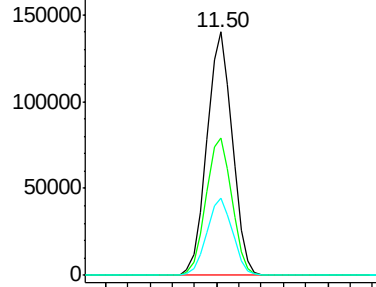
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(1-3)

Tgt Ion:117 Resp: 221103
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 31.7 25.3 37.9

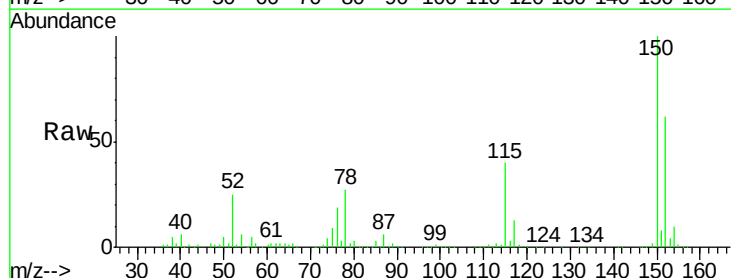


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

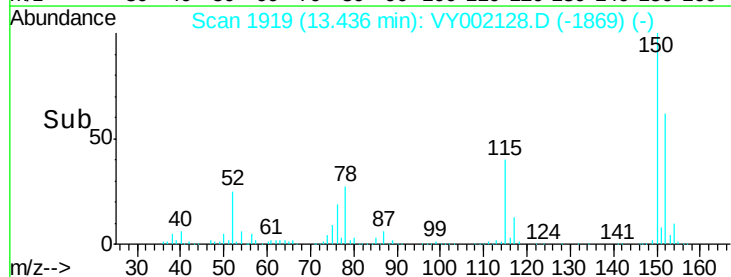
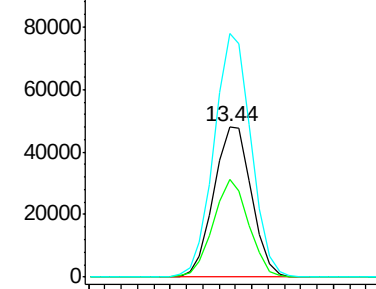


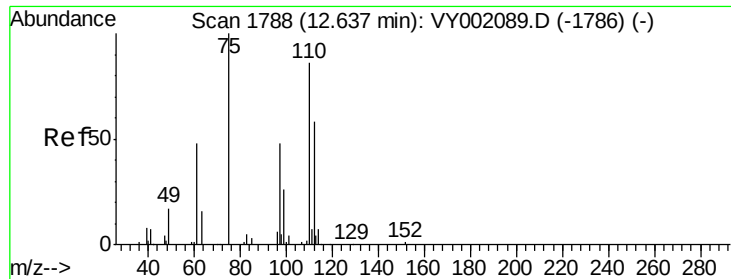
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

Tgt Ion:152 Resp: 77563
Ion Ratio Lower Upper
152 100
115 61.5 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: 55.29 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

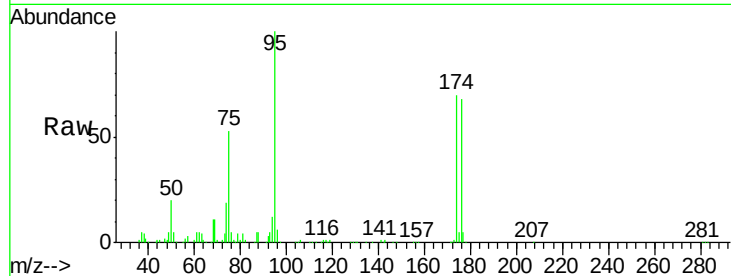
SB-8-(1-3)

Tgt Ion: 75 Resp: 47971

Ion Ratio Lower Upper

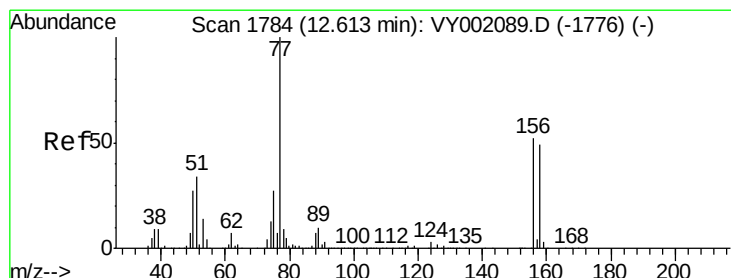
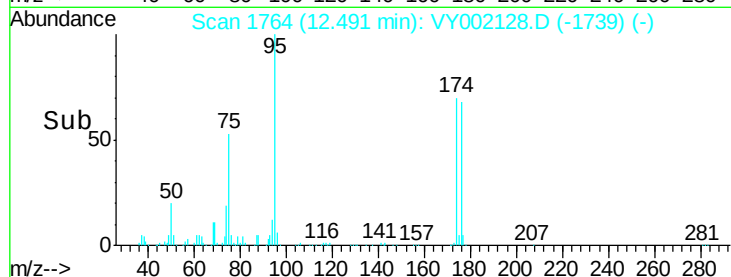
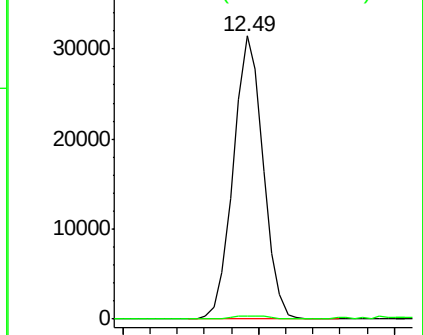
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#77

Bromobenzene

Concen: 2.99 ug/l

RT: 12.56 min Scan# 1775

Delta R.T. -0.05 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

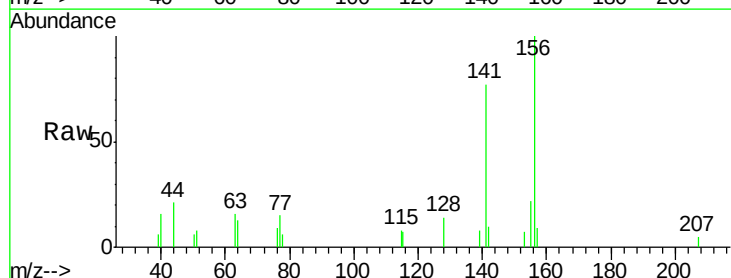
Tgt Ion: 156 Resp: 3676

Ion Ratio Lower Upper

156 100

77 7.4 107.8 323.6#

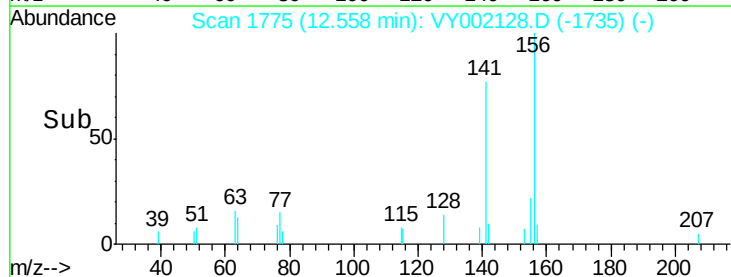
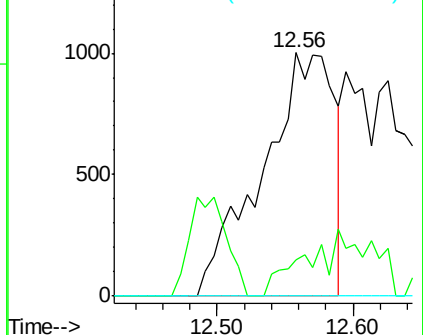
158 0.0 47.5 142.6#

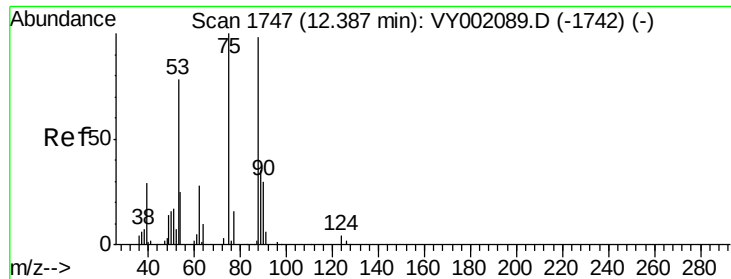


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 107.12 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-(1-3)

Tgt Ion: 75 Resp: 47971

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

