

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003577.D
 Acq On : 20 Nov 2020 18:47
 Operator : SY/MD
 Sample : L4836-09
 Misc : 5.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-02

Quant Time: Nov 21 03:12:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	81660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	200708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	176643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	63468	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.14	65	69775	82.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.58%#	
35) Dibromofluoromethane		7.72	113	72597	55.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.06%	
50) Toluene-d8		10.17	98	239612	46.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.42%	
62) 4-Bromofluorobenzene		12.48	95	64670	39.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.44%	

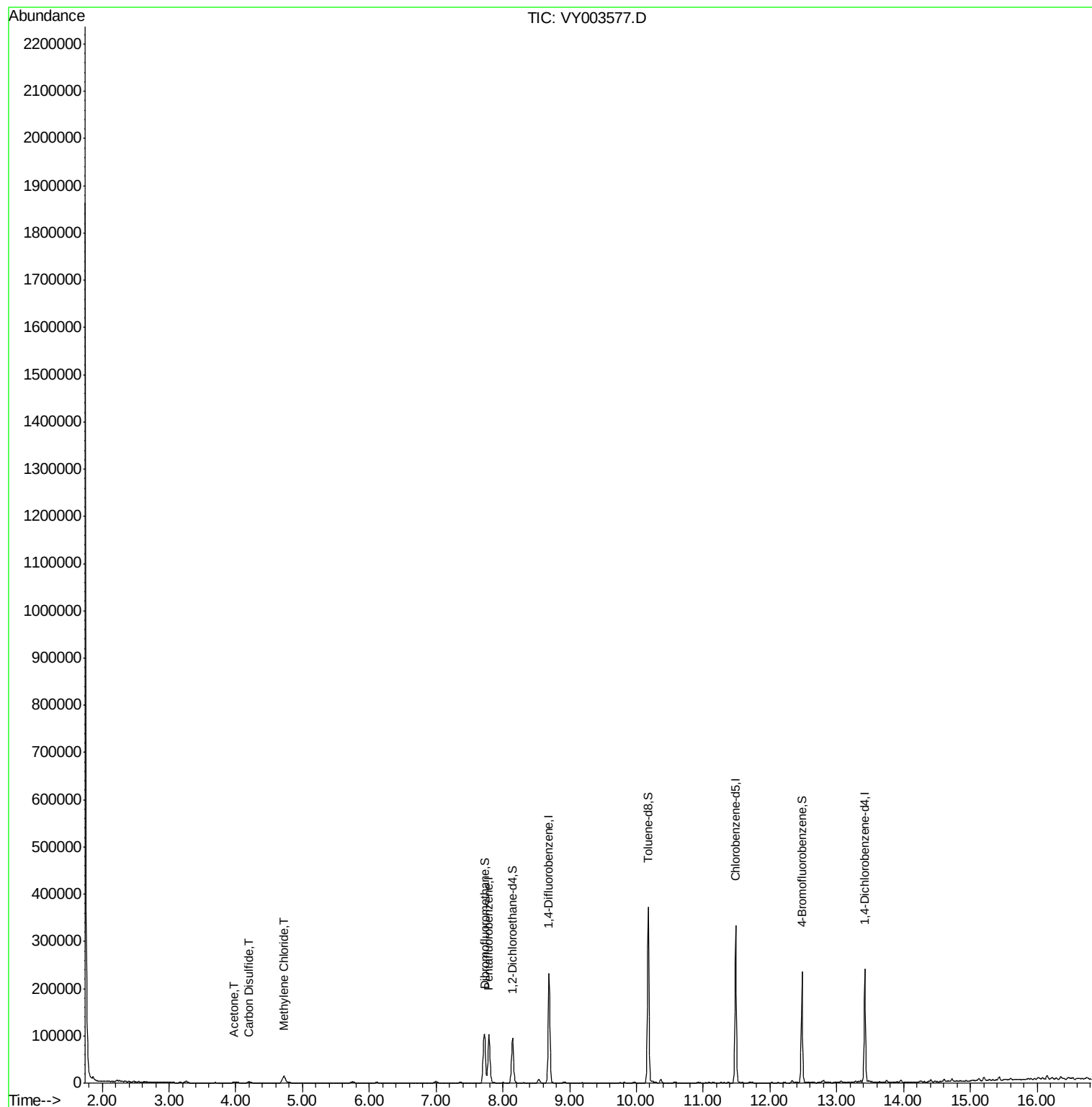
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	5074	17.923	ug/l #	86
17) Carbon Disulfide	4.20	76	6046	2.612	ug/l #	94
20) Methylene Chloride	4.72	84	11187	7.443	ug/l	97

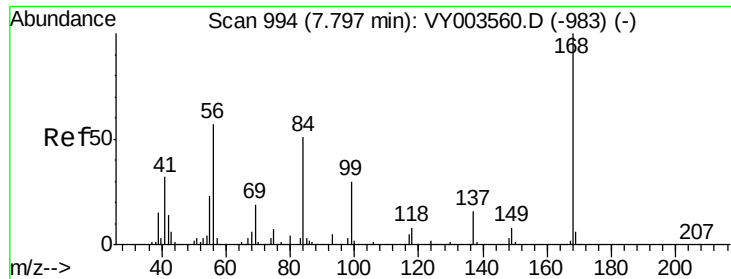
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003577.D

Acq: 20 Nov 2020 18:47

Instrument :

MSVOA_Y

ClientSampled :

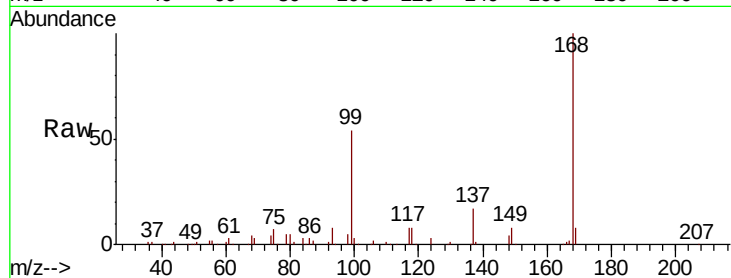
SL-02

Tot Ion:168 Resp: 81660

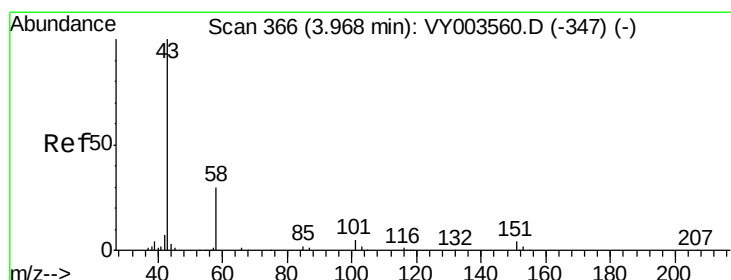
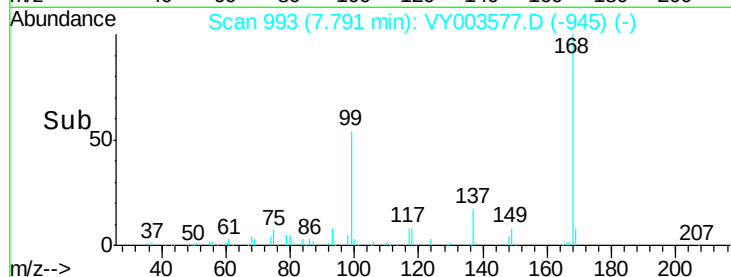
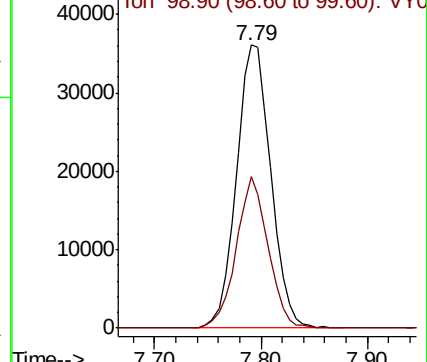
Ion Ratio Lower Upper

168 100

99 53.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)



#16

Acetone

Concen: 17.923 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY003577.D

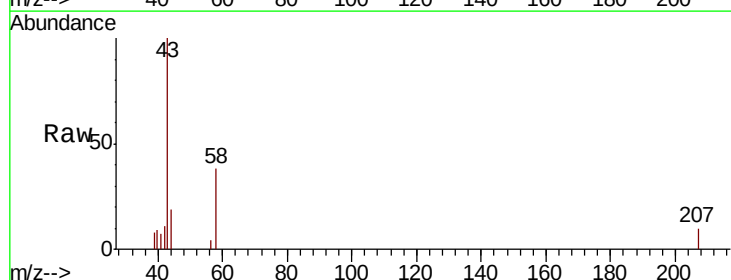
Acq: 20 Nov 2020 18:47

Tgt Ion: 43 Resp: 5074

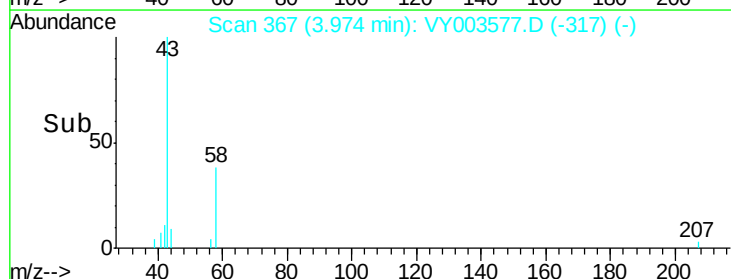
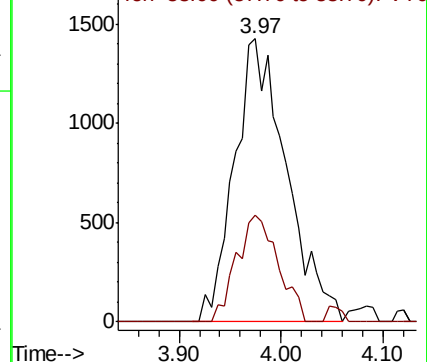
Ion Ratio Lower Upper

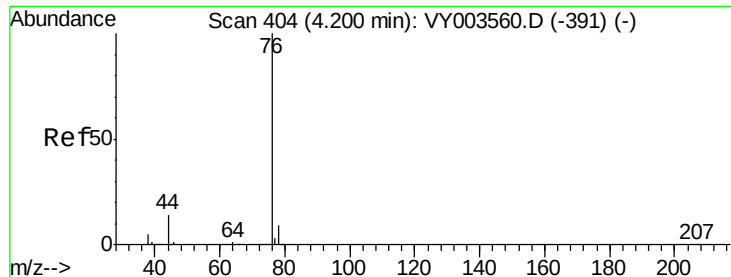
43 100

58 37.6 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-347) (-)





#17

Carbon Disulfide

Concen: 2.612 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003577.D

Acq: 20 Nov 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

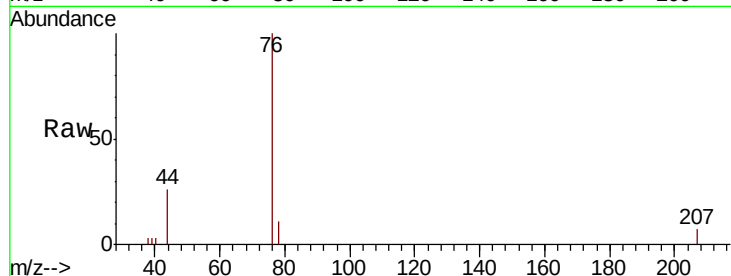
SL-02

Tot Ion: 76 Resp: 6046

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VY003560.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY003560.D (-391) (-)

4.20

2500

2000

1500

1000

500

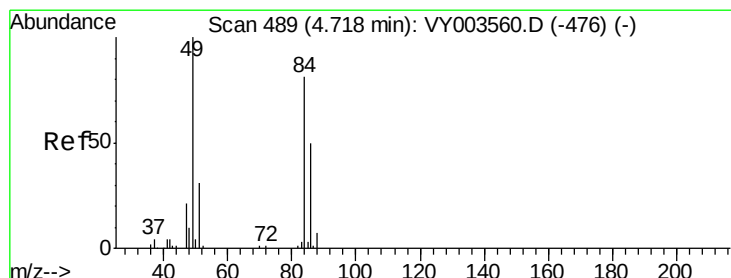
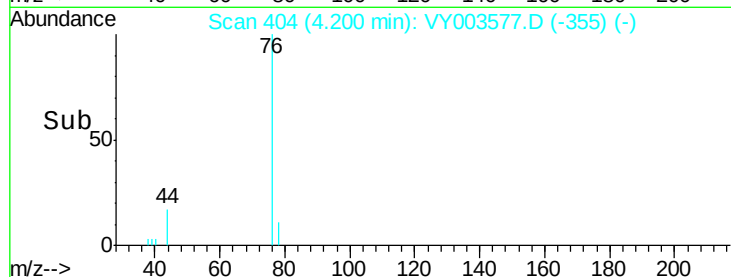
0

Time-->

4.10

4.20

4.30



#20

Methylene Chloride

Concen: 7.443 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY003577.D

Acq: 20 Nov 2020 18:47

Tgt Ion: 84 Resp: 11187

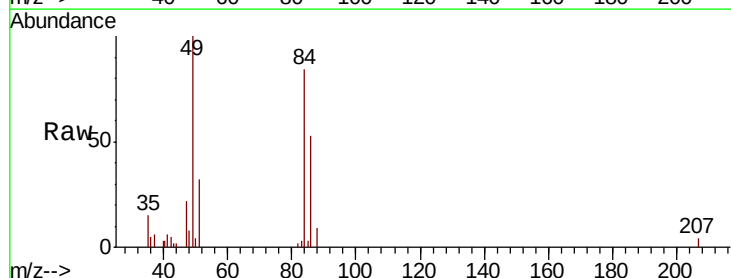
Ion Ratio Lower Upper

84 100

49 118.7 99.0 148.6

51 38.6 30.5 45.7

86 62.6 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY003560.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003560.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003560.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003560.D (-476) (-)

6000

4000

2000

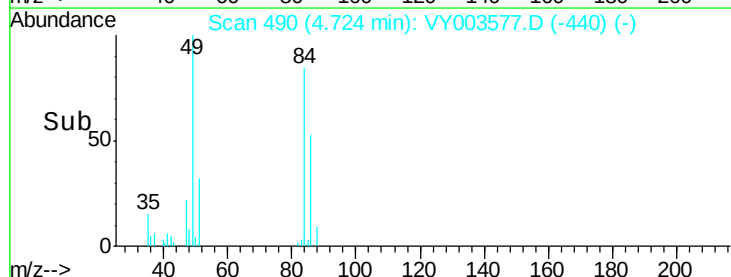
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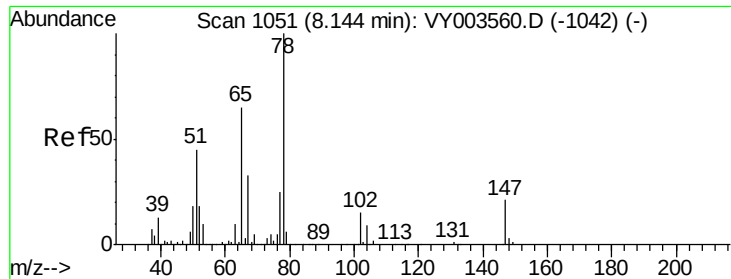
Time-->

4.60

4.70

4.80

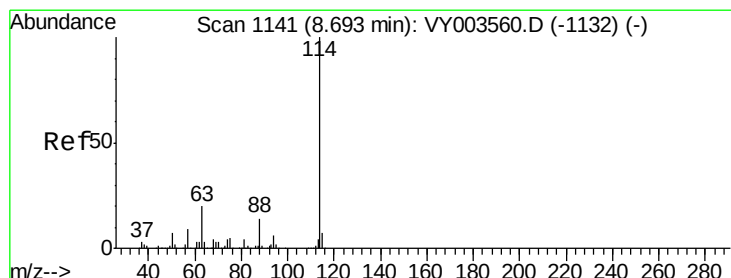
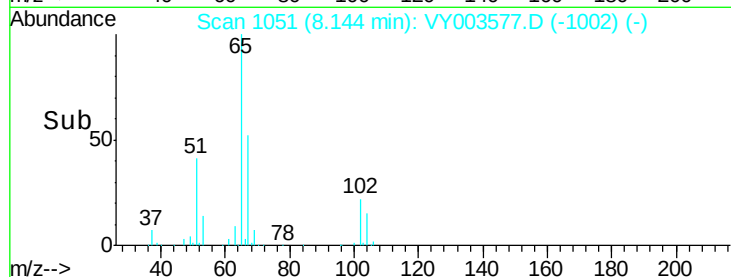
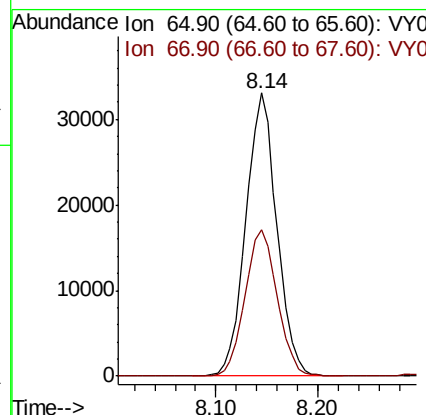
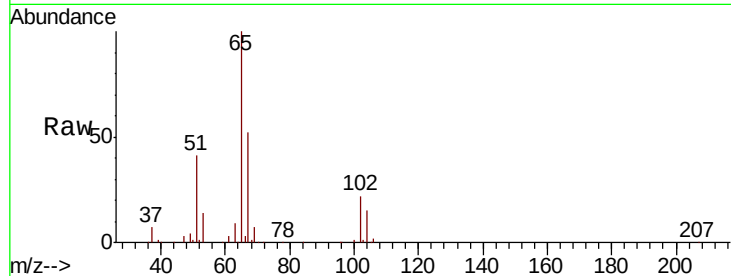




#33
 1,2-Dichloroethane-d4
 Concen: 82.292 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003577.D
 Acq: 20 Nov 2020 18:47

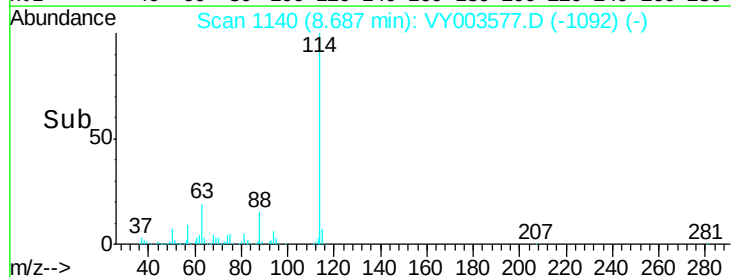
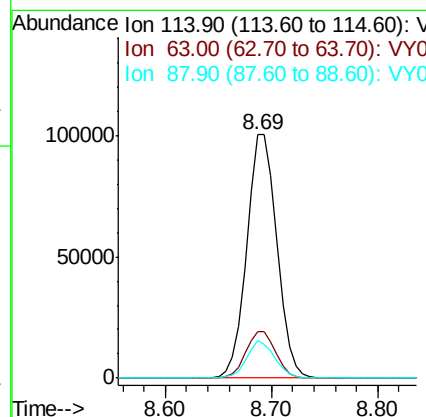
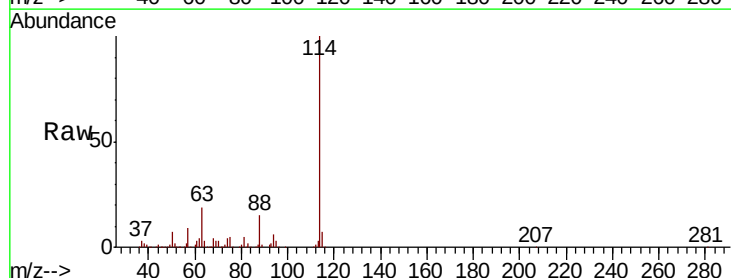
Instrument :
 MSVOA_Y
 ClientSampled :
 SL-02

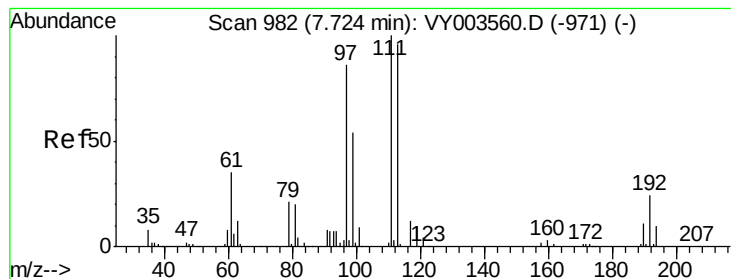
Tot Ion: 65 Resp: 69775
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: VY003577.D
 Acq: 20 Nov 2020 18:47

Tgt Ion: 114 Resp: 200708
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.026 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003577.D

Acq: 20 Nov 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

SL-02

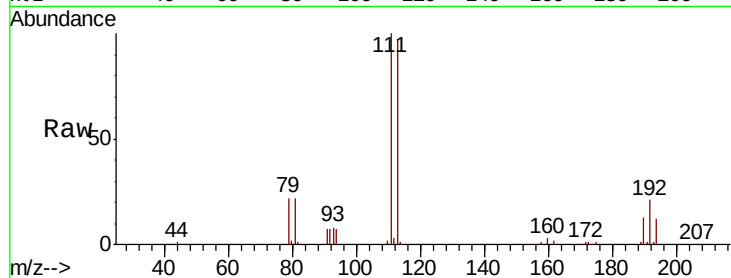
Tot Ion:113 Resp: 72597

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

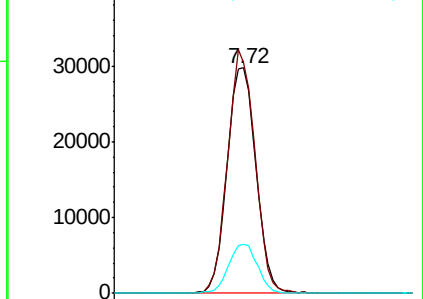
192 21.8 18.1 27.1



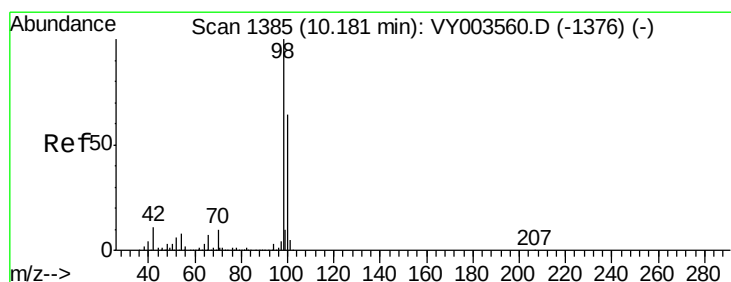
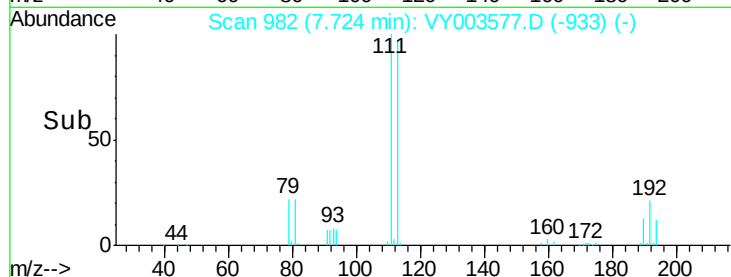
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 46.706 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003577.D

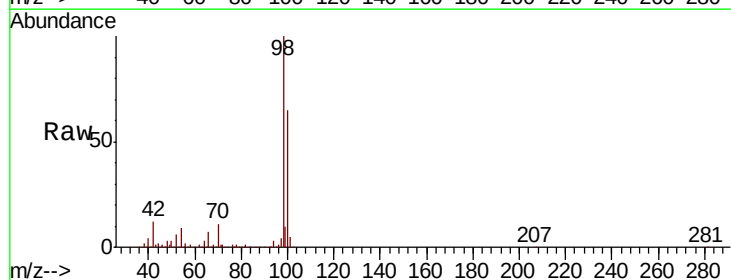
Acq: 20 Nov 2020 18:47

Tgt Ion: 98 Resp: 239612

Ion Ratio Lower Upper

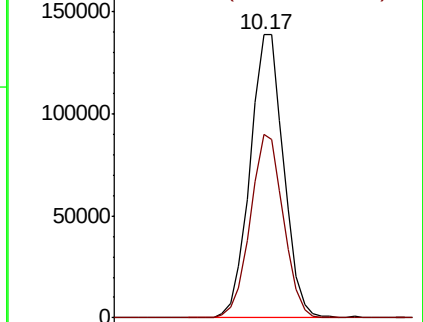
98 100

100 64.2 51.4 77.2

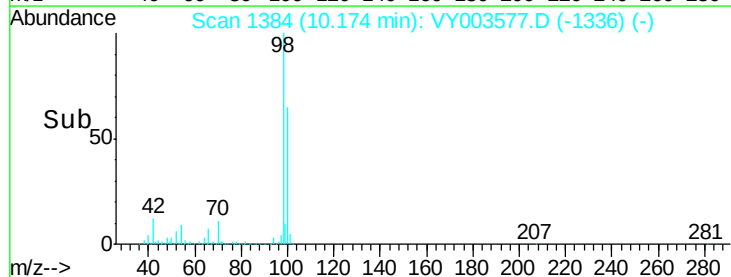


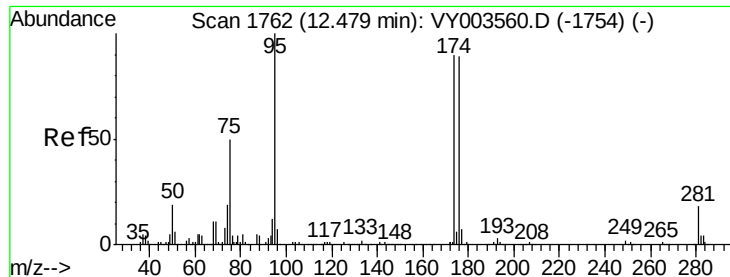
Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->

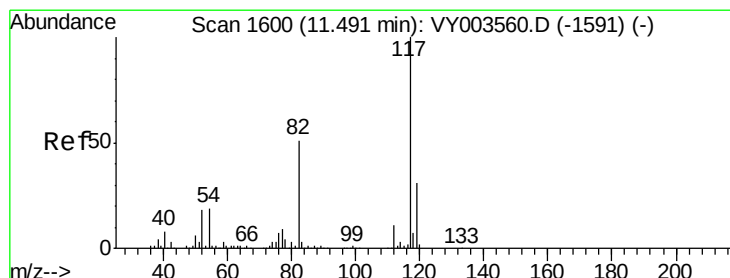
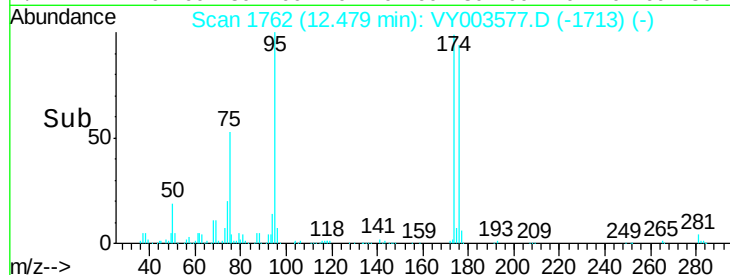
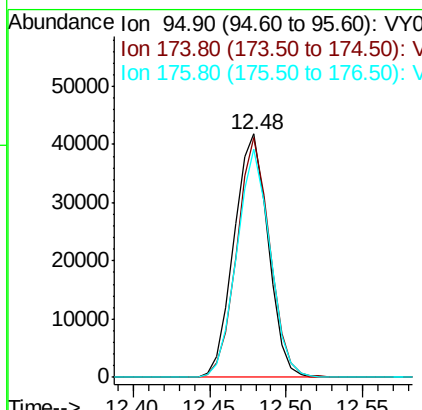
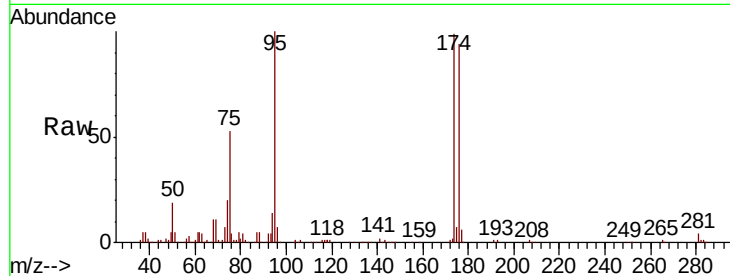




#62
4-Bromofluorobenzene
Concen: 39.721 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003577.D
Acq: 20 Nov 2020 18:47

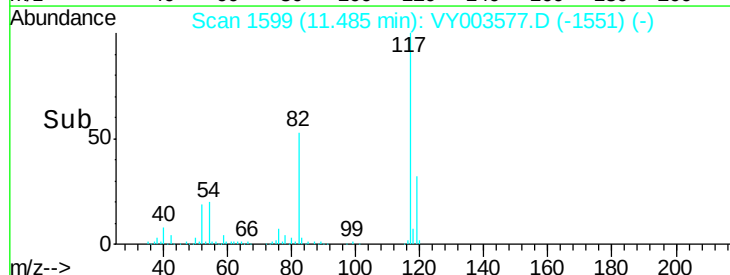
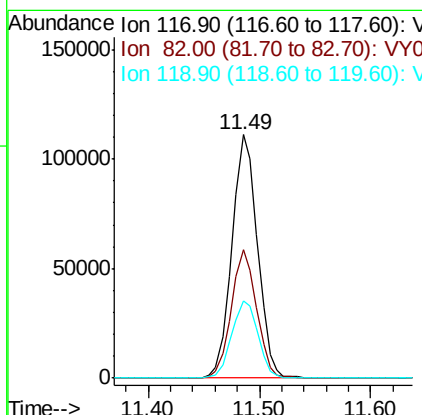
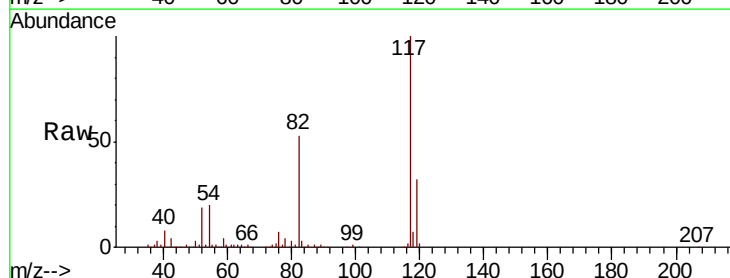
Instrument :
MSVOA_Y
ClientSampled :
SL-02

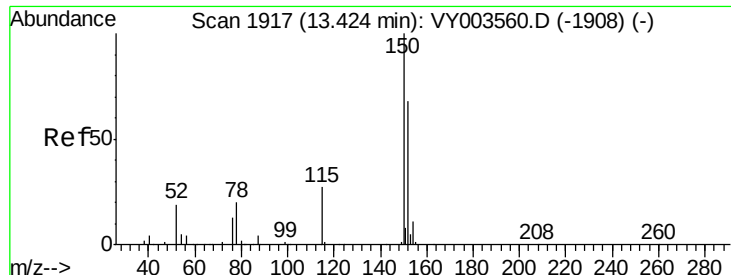
Tot Ion: 95 Resp: 64670
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.0
176 91.6 0.0 180.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003577.D
Acq: 20 Nov 2020 18:47

Tgt Ion: 117 Resp: 176643
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 31.6 25.0 37.6



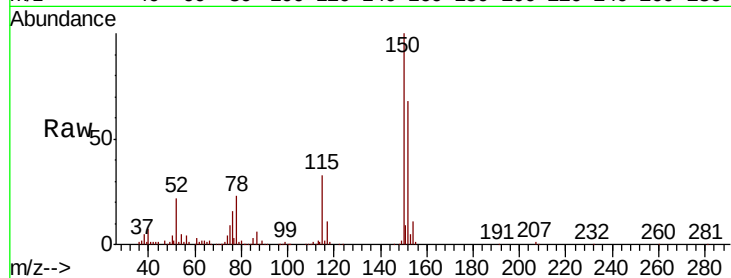


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: VY003577.D
 Acq: 20 Nov 2020 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-02

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.5	27.4	82.0
150	152.4	0.0	349.6



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

