

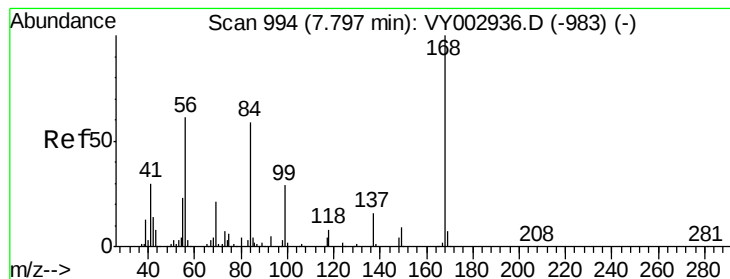
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002951.D
 Acq On : 19 Jun 2020 20:35
 Operator : SY/MD
 Sample : L3046-06
 Misc : 8.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G3

Quant Time: Jun 20 03:58:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	477415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145612	61.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.90%	
35) Dibromofluoromethane	7.72	113	150089	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
50) Toluene-d8	10.18	98	557580	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.48	95	198188	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
18) Methyl Acetate	4.49	43	857	Below Cal	#	59
20) Methylene Chloride	4.72	84	15479	Below Cal		91
31) Cyclohexane	7.80	56	4387	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	18075	4.662	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25816	6.042	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93060	44.926	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93060	85.772	ug/l #	16

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

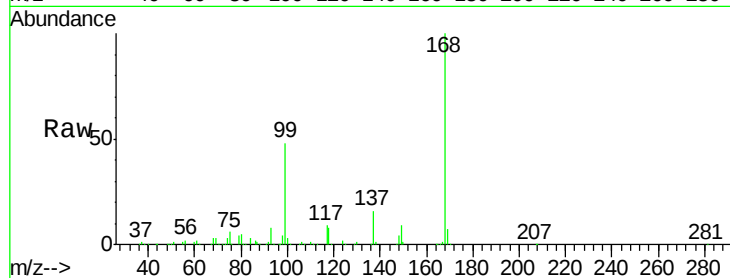
ISS-B-G3

Tgt Ion:168 Resp: 286891

Ion Ratio Lower Upper

168 100

99 47.8 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

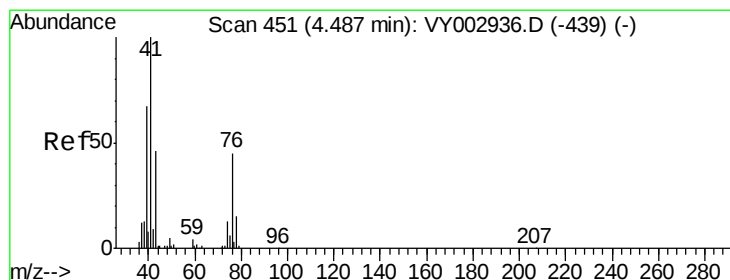
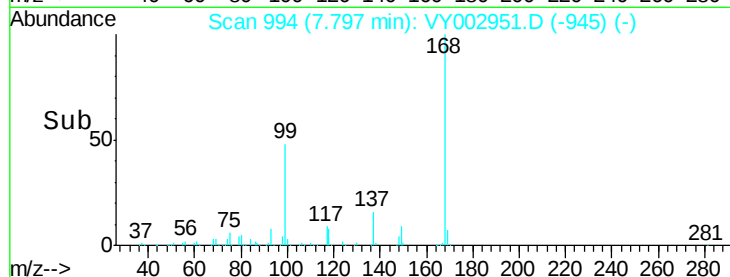
100000

50000

0

7.70 7.80 7.90

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002951.D

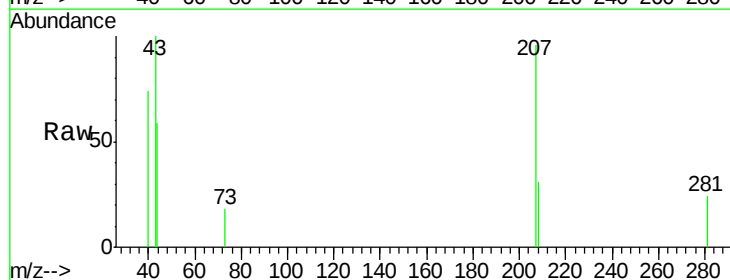
Acq: 19 Jun 2020 20:35

Tgt Ion: 43 Resp: 857

Ion Ratio Lower Upper

43 100

74 5.3 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-439) (-)

Ion 74.00 (73.70 to 74.70): VY002936.D (-439) (-)

4.49

300

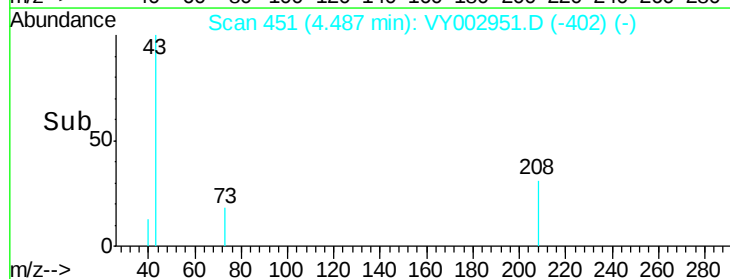
200

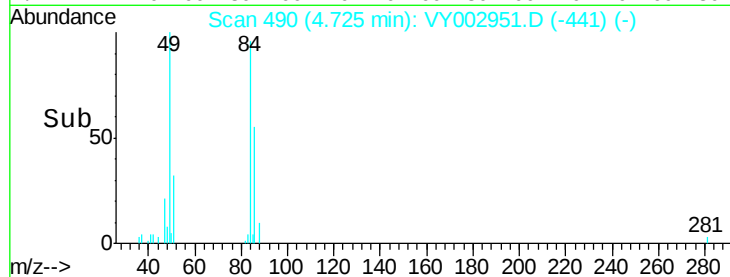
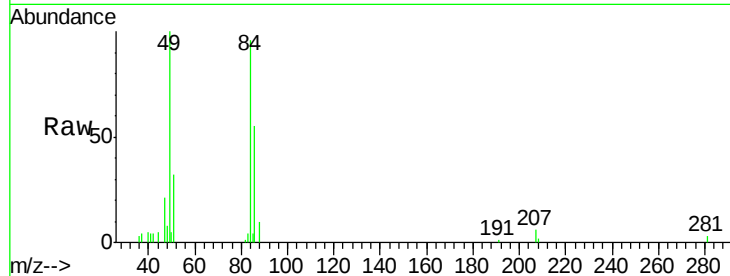
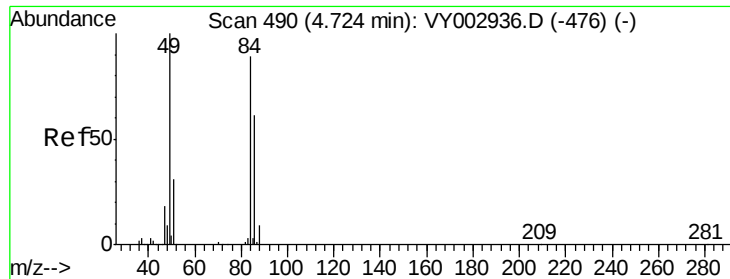
100

0

4.40 4.45 4.50 4.55

Time-->

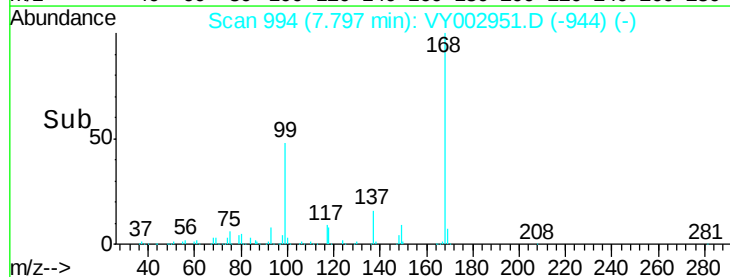
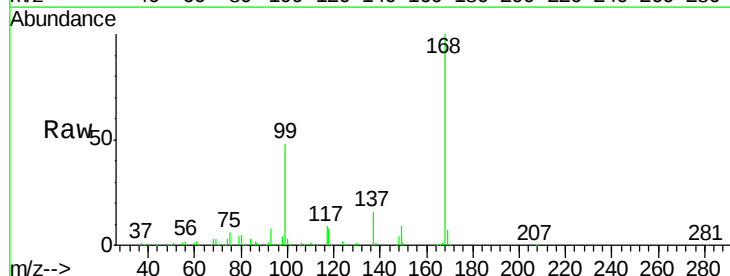
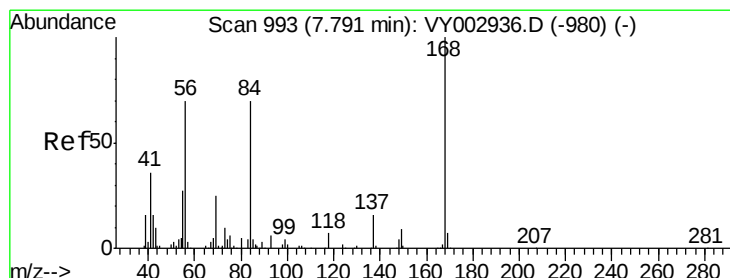
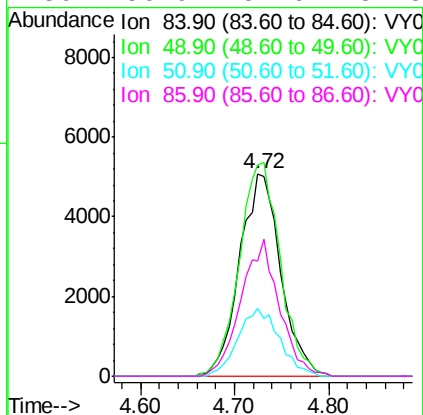




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

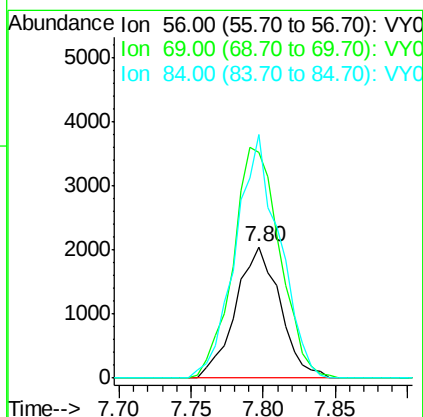
Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

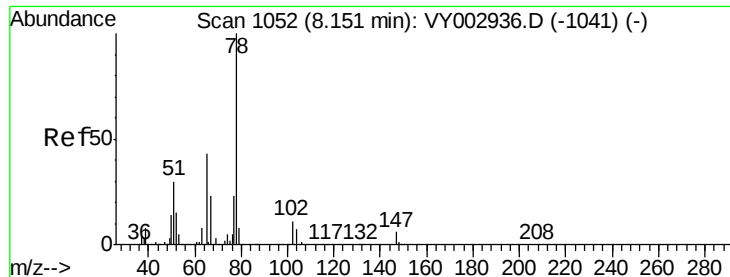
Tgt Ion:	84	Resp:	15479
Ion	Ratio	Lower	Upper
84	100		
49	104.0	90.0	135.0
51	33.6	27.9	41.9
86	56.9	54.6	81.8



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

Tgt Ion:	56	Resp:	4387
Ion	Ratio	Lower	Upper
56	100		
69	171.4	28.9	43.3#
84	185.2	80.1	120.1#

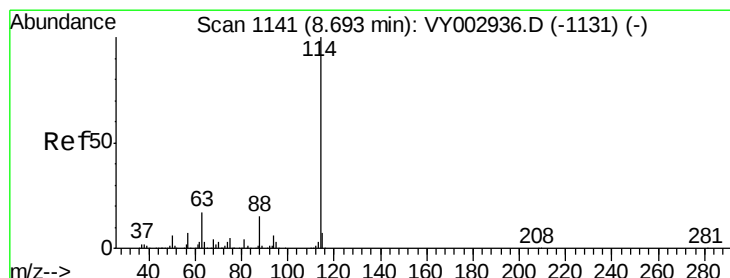
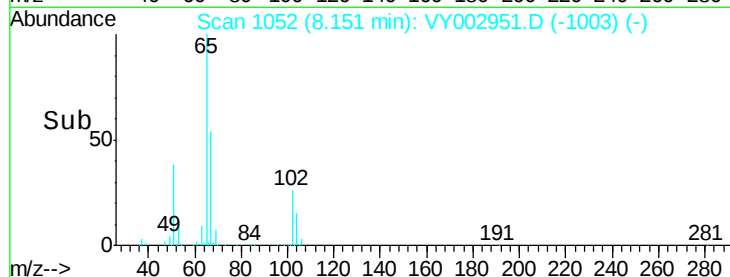
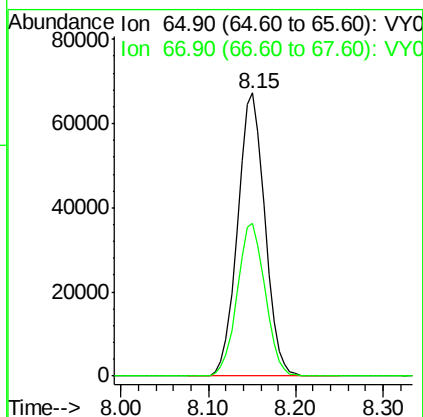
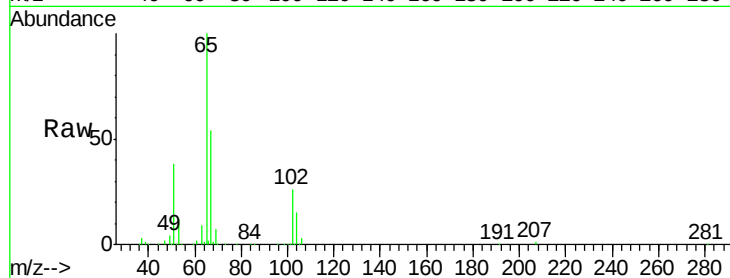




#33
 1,2-Dichloroethane-d4
 Concen: 61.448 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002951.D
 Acq: 19 Jun 2020 20:35

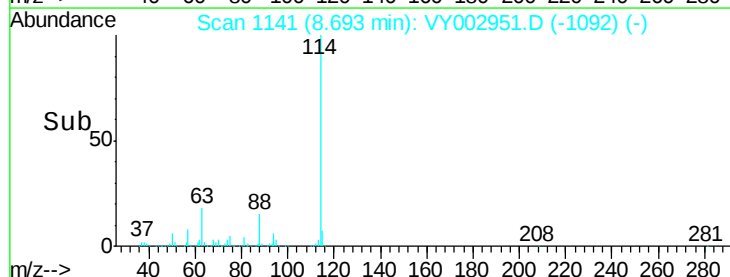
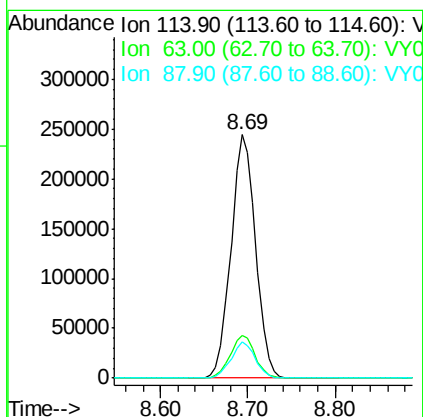
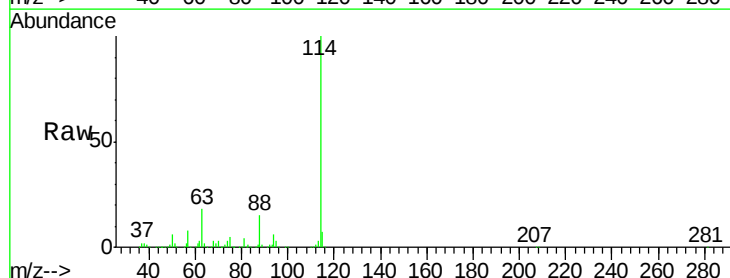
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G3

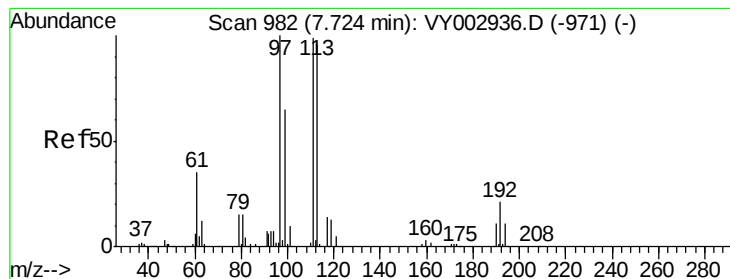
Tgt Ion: 65 Resp: 145612
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002951.D
 Acq: 19 Jun 2020 20:35

Tgt Ion: 114 Resp: 477415
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.6
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 55.561 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G3

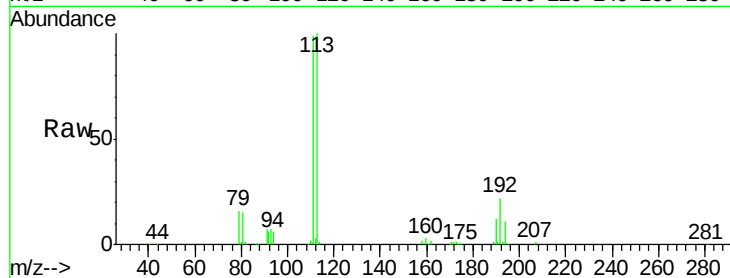
Tgt Ion:113 Resp: 150089

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

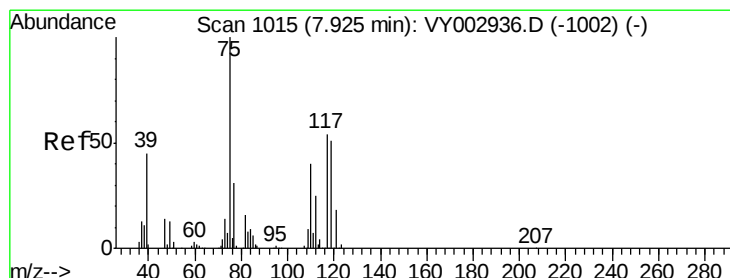
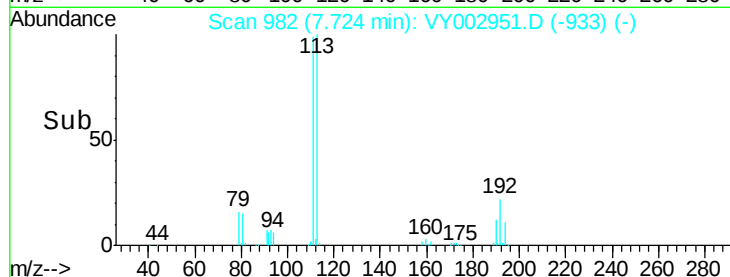
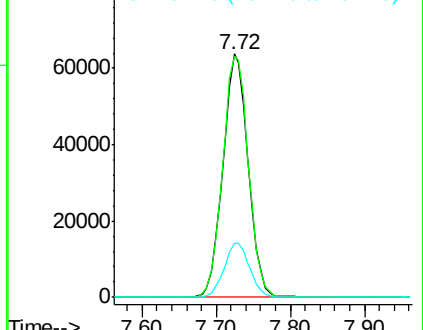
192 22.7 19.2 28.8



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: 4.662 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

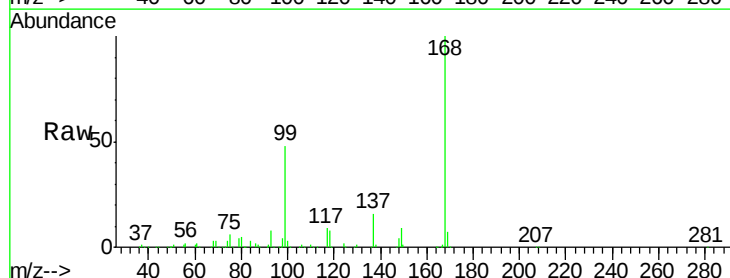
Tgt Ion: 75 Resp: 18075

Ion Ratio Lower Upper

75 100

110 9.6 19.7 59.0#

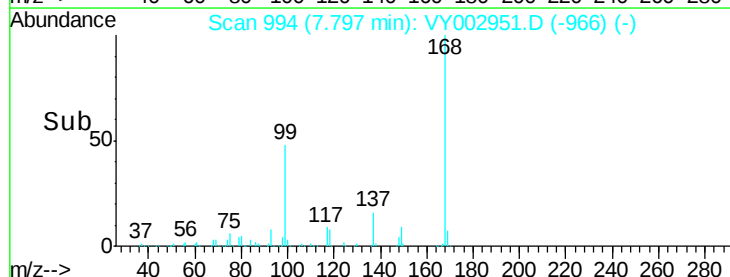
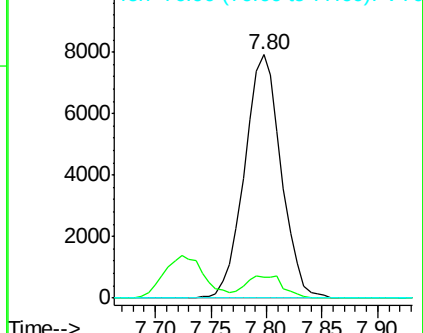
77 0.0 25.0 37.4#

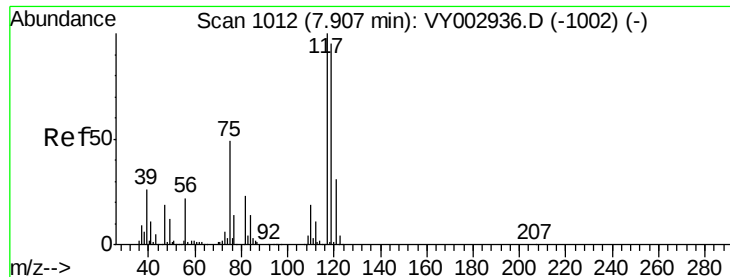


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G3

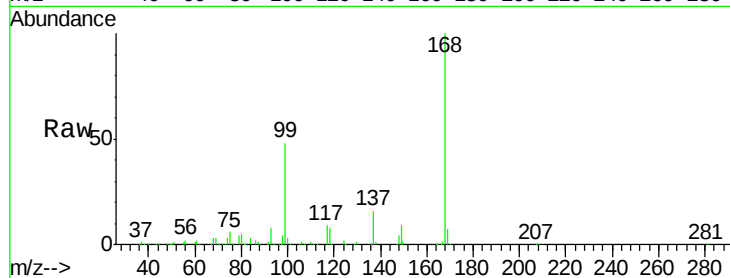
Tgt Ion:117 Resp: 25816

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

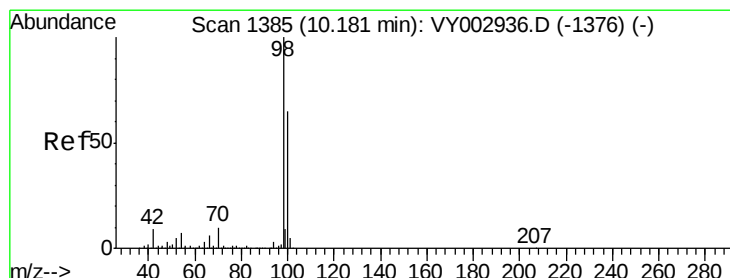
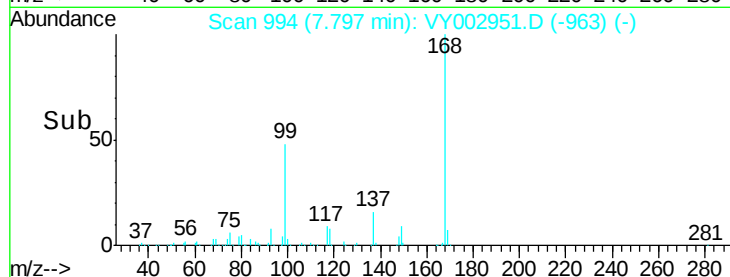
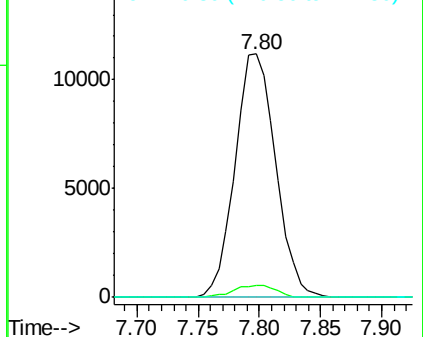
121 0.0 24.8 37.2#



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: 52.349 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002951.D

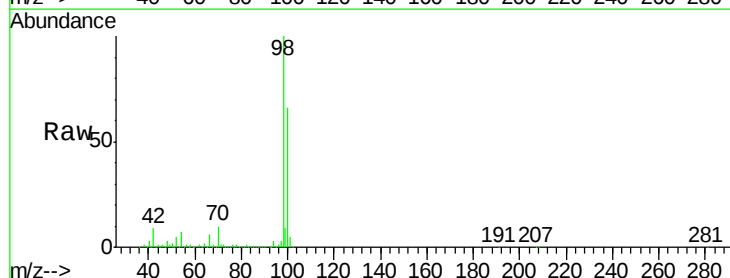
Acq: 19 Jun 2020 20:35

Tgt Ion: 98 Resp: 557580

Ion Ratio Lower Upper

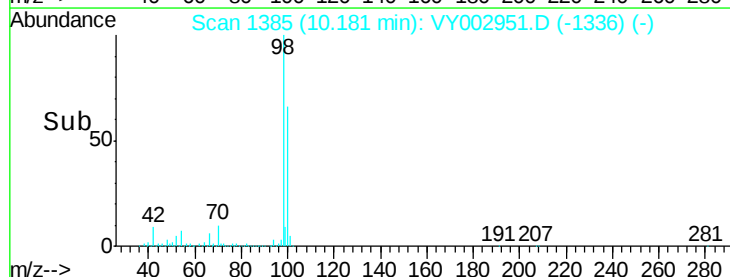
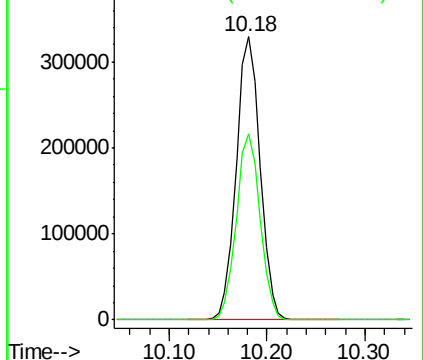
98 100

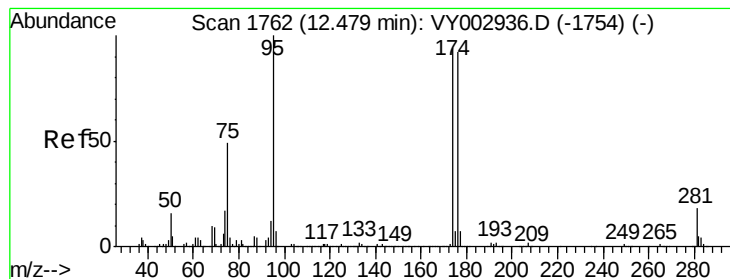
100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 53.642 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G3

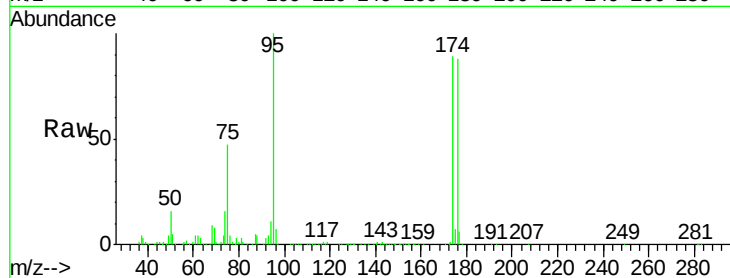
Tgt Ion: 95 Resp: 198188

Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.2

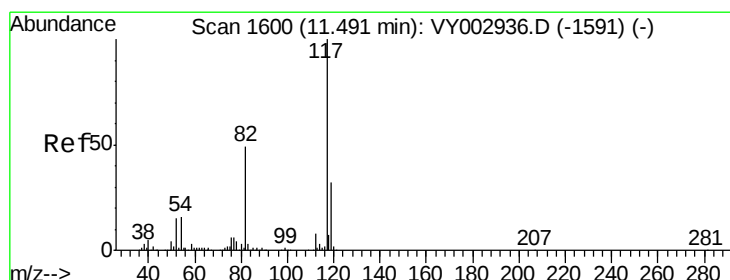
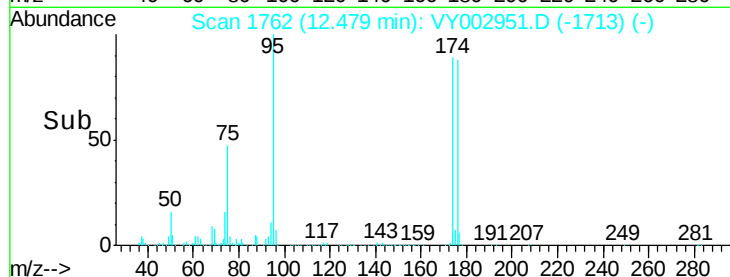
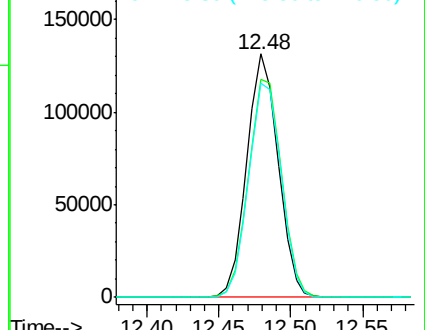
176 91.4 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

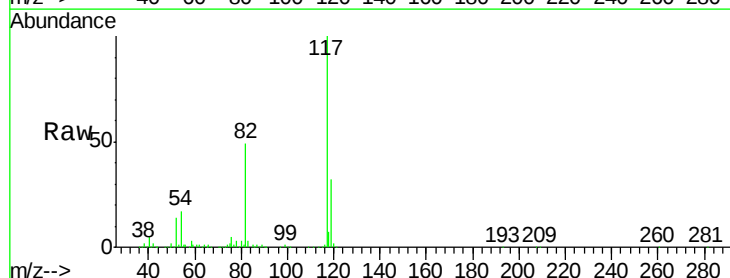
Tgt Ion: 117 Resp: 450116

Ion Ratio Lower Upper

117 100

82 49.4 39.4 59.0

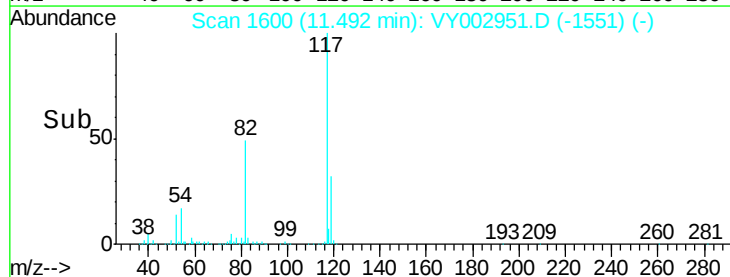
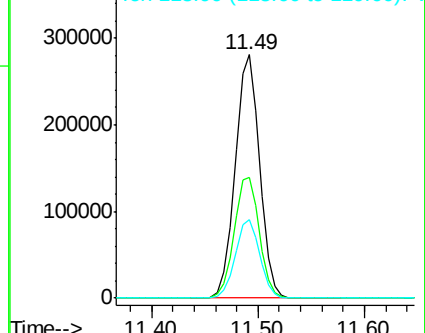
119 32.2 25.4 38.0

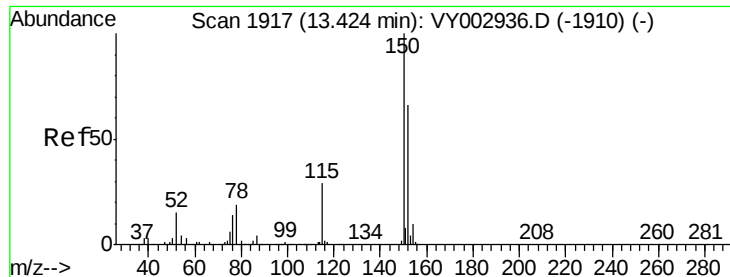


Abundance Ion 116.90 (116.60 to 117.60): VY002936.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002936.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002936.D (-1591) (-)



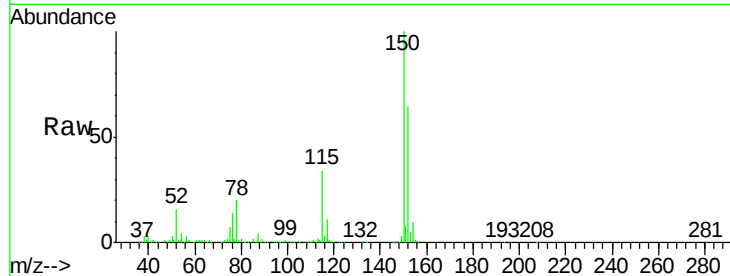


#72

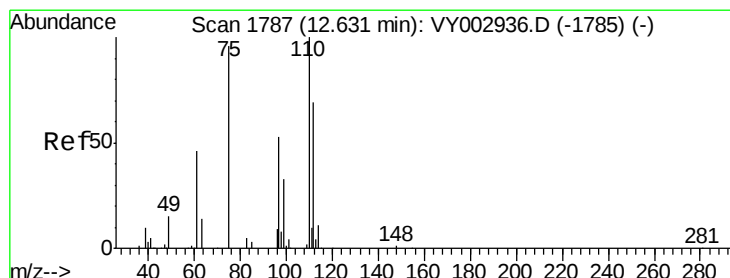
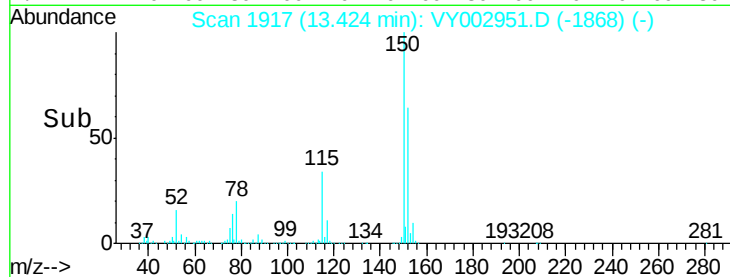
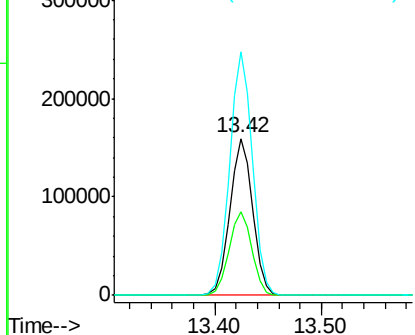
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

Tgt Ion:152 Resp: 237848
Ion Ratio Lower Upper
152 100
115 53.6 26.9 80.6
150 155.4 0.0 341.8



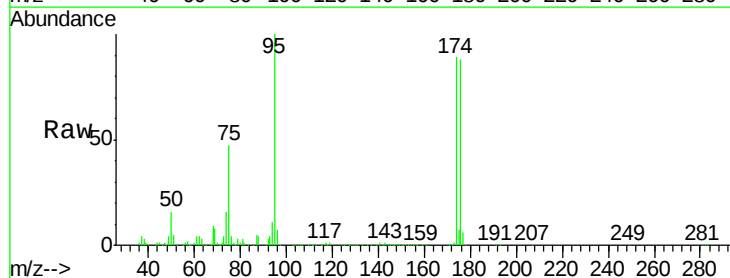
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



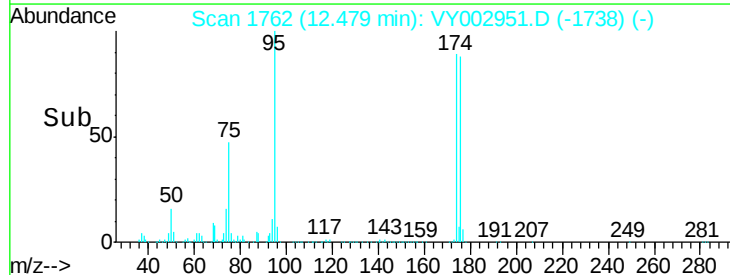
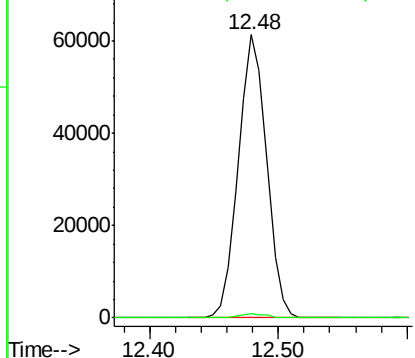
#76

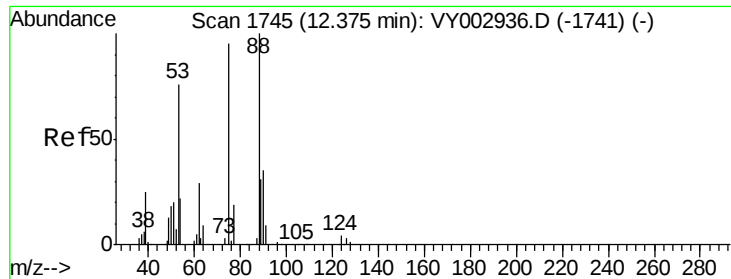
1,2,3-Trichloropropane
Concen: 44.926 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

Tgt Ion: 75 Resp: 93060
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: 85.772 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G3

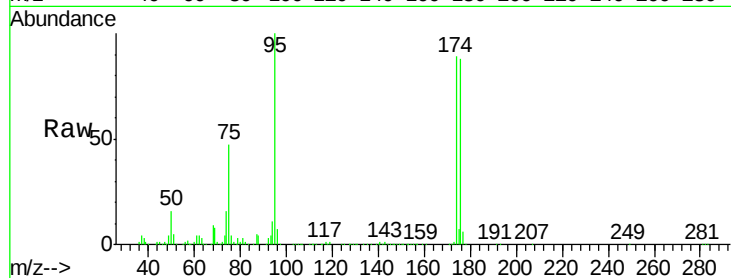
Tgt Ion: 75 Resp: 93060

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 38.4 57.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

