

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003095.D
 Acq On : 02 Jul 2020 19:10
 Operator : SY/MD
 Sample : L3211-03
 Misc : 12.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3 11-11.5

Quant Time: Jul 03 02:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

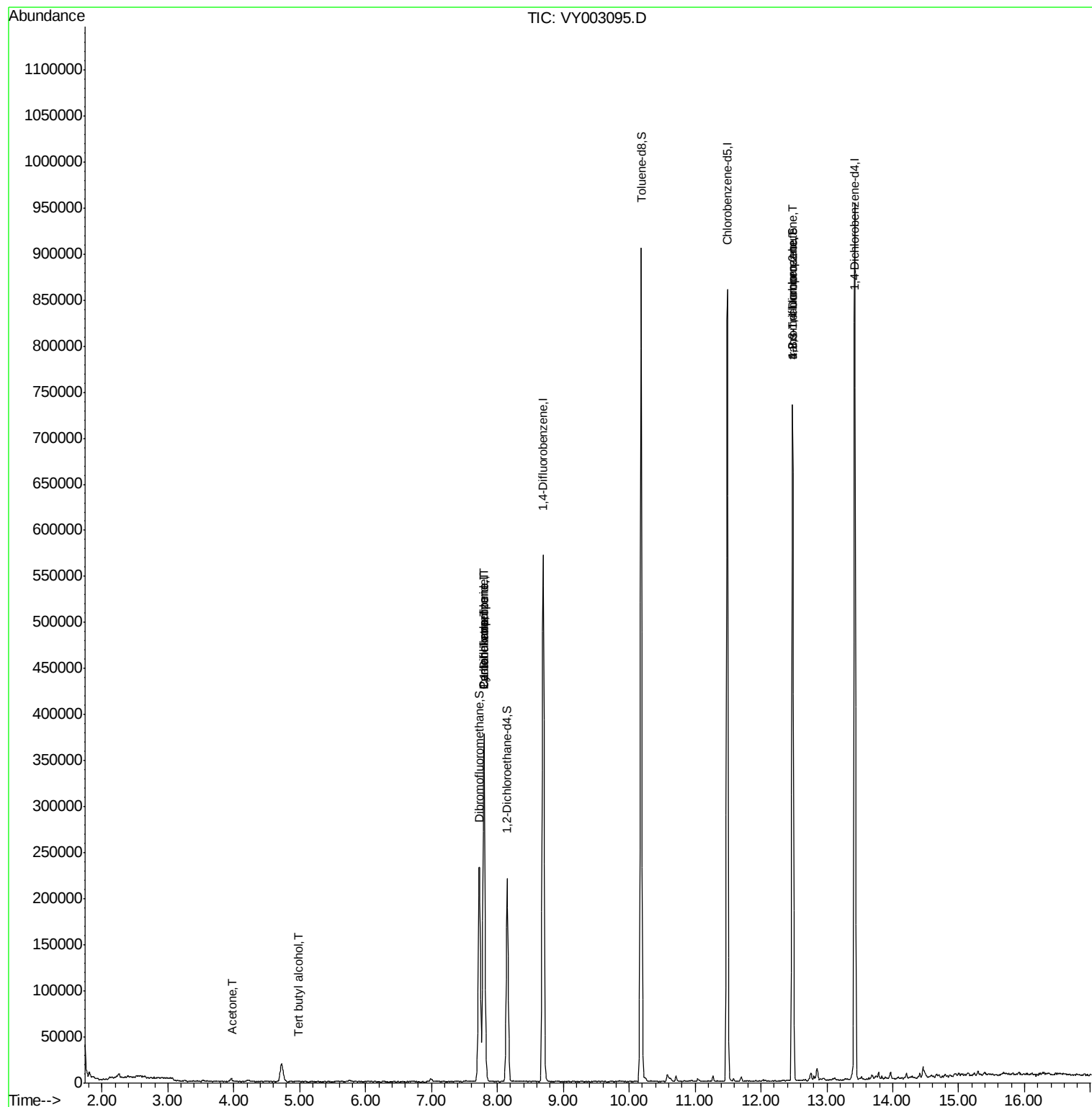
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	307488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	496566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	477199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	168499	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
35) Dibromofluoromethane	7.73	113	162573	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.18	98	592995	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.48	95	217307	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	1393	4.476	ug/l #	73
16) Acetone	3.97	43	5548	7.703	ug/l	99
20) Methylene Chloride	4.73	84	15557	Below Cal		85
31) Cyclohexane	7.80	56	5644	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	21417	4.478	ug/l #	49
38) Carbon Tetrachloride	7.80	117	28428	5.712	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	107761	44.938	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	107761	87.430	ug/l #	12

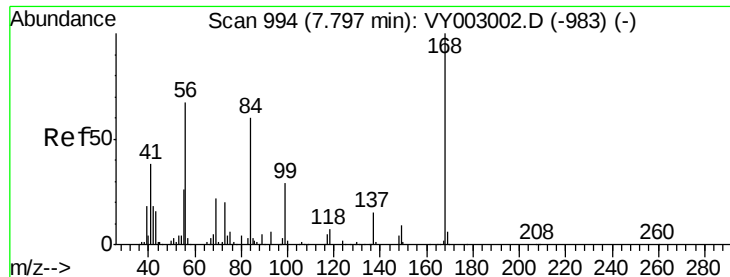
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3_11-11.5

Quant Time: Jul 03 02:39:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

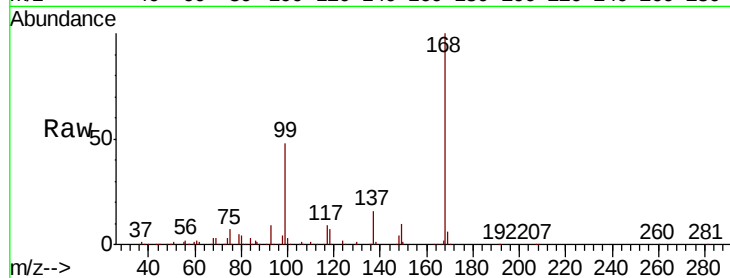
SB-3_11-11.5

Tot Ion:168 Resp: 307488

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003095.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003095.D (-945) (-)

7.80

150000

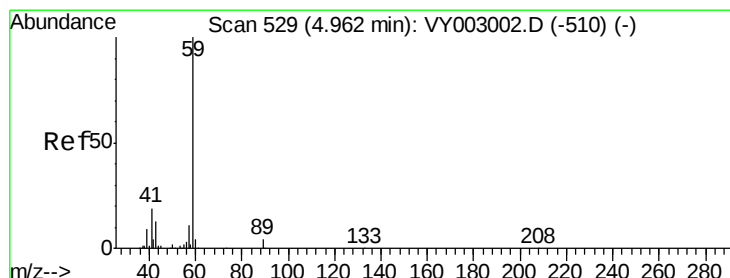
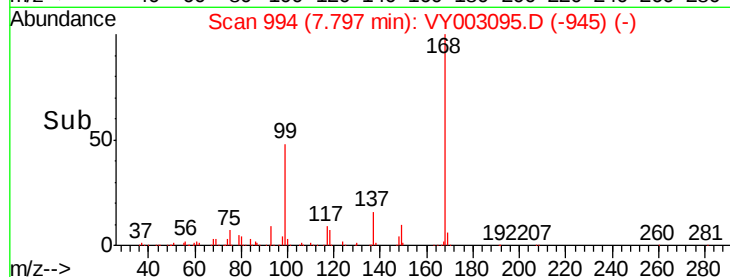
100000

50000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 4.476 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.02 min

Lab File: VY003095.D

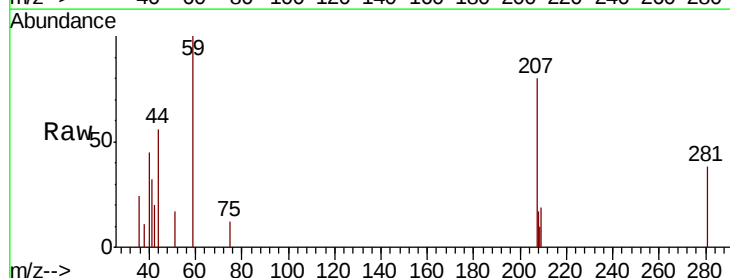
Acq: 02 Jul 2020 19:10

Tgt Ion: 59 Resp: 1393

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003095.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003095.D (-480) (-)

4.99

600

500

400

300

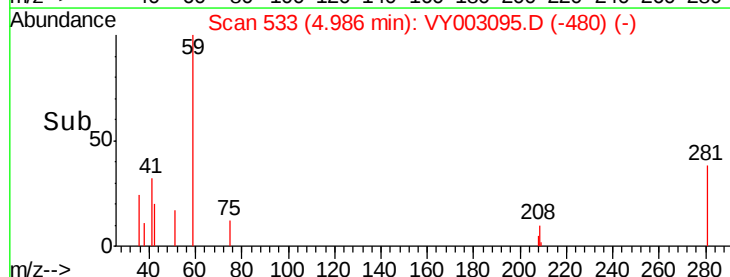
200

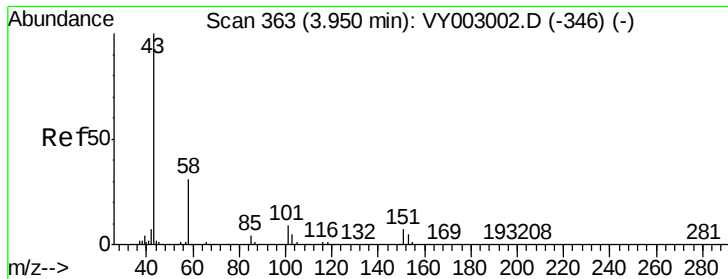
100

0

4.90 4.95 5.00 5.05

Time-->





#16

Acetone

Concen: 7.703 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

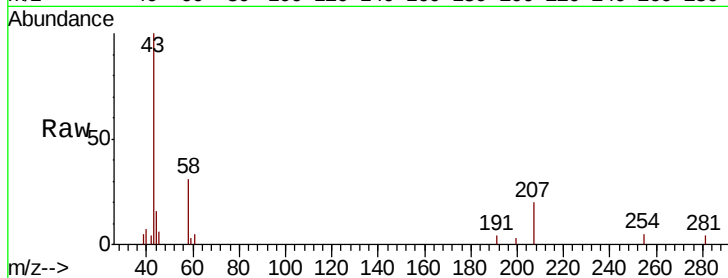
SB-3 11-11.5

Tot Ion: 43 Resp: 5548

Ion Ratio Lower Upper

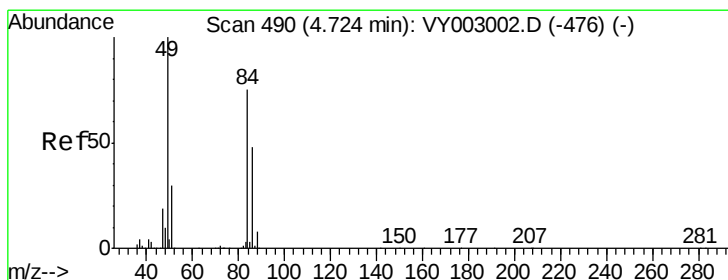
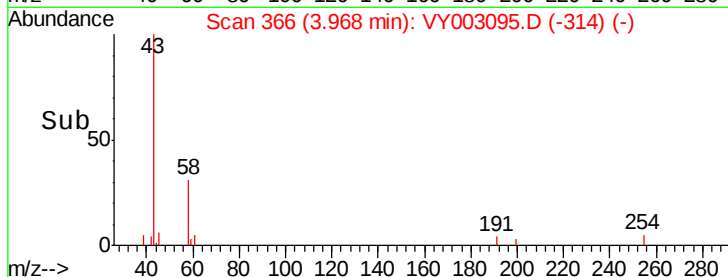
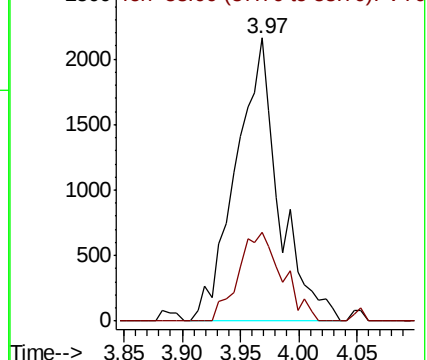
43 100

58 31.3 24.7 37.1



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: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Tgt Ion: 84 Resp: 15557

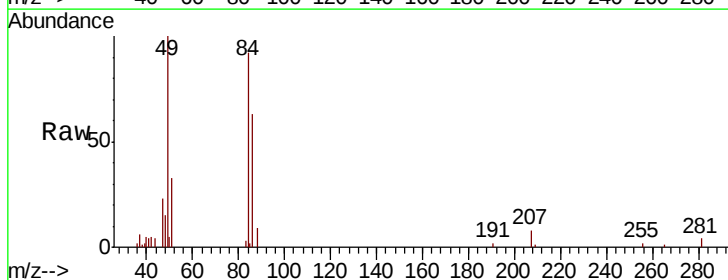
Ion Ratio Lower Upper

84 100

49 108.4 106.8 160.2

51 35.9 32.0 48.0

86 68.8 51.4 77.2

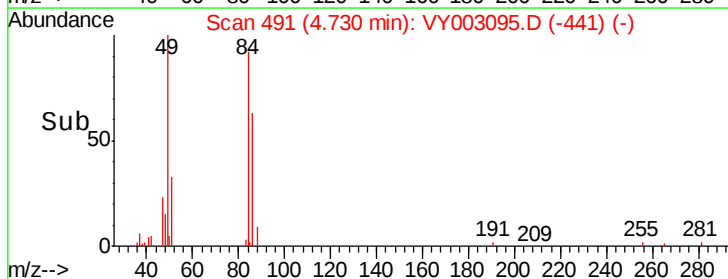
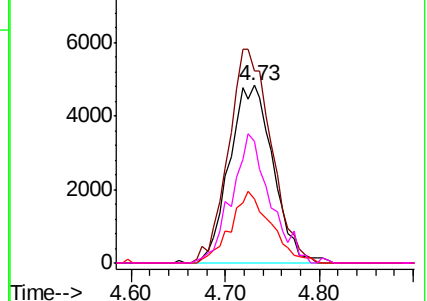


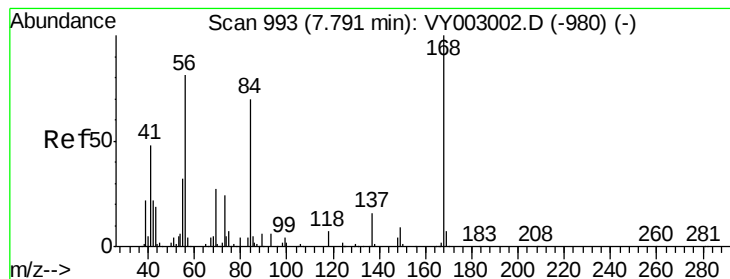
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 1.051 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-3_11-11.5

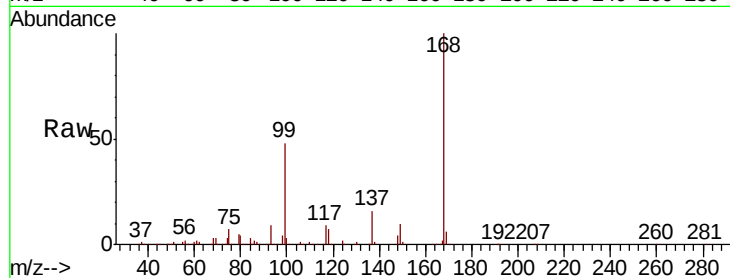
Tot Ion: 56 Resp: 5644

Ion Ratio Lower Upper

56 100

69 180.4 27.0 40.4#

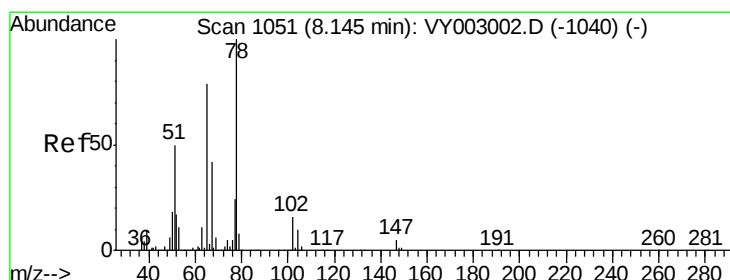
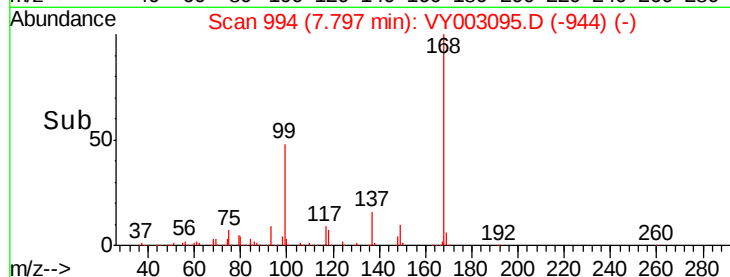
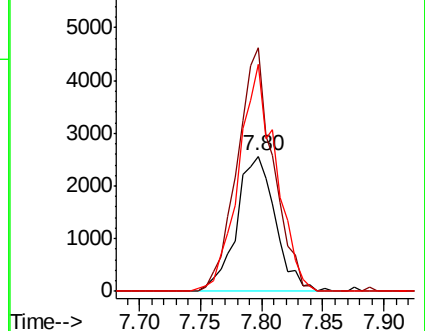
84 168.5 68.1 102.1#



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: 55.174 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003095.D

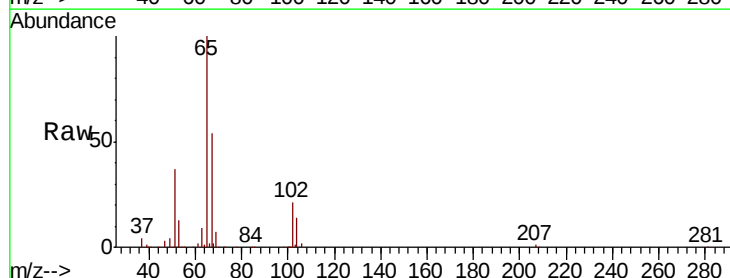
Acq: 02 Jul 2020 19:10

Tgt Ion: 65 Resp: 168499

Ion Ratio Lower Upper

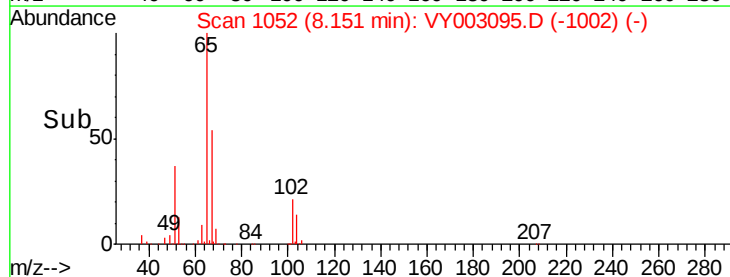
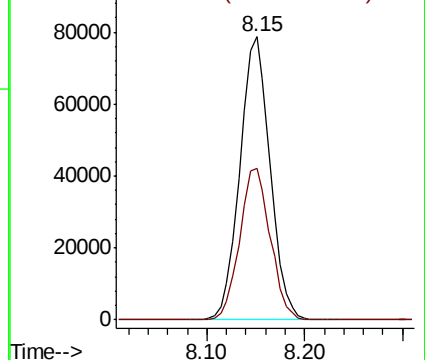
65 100

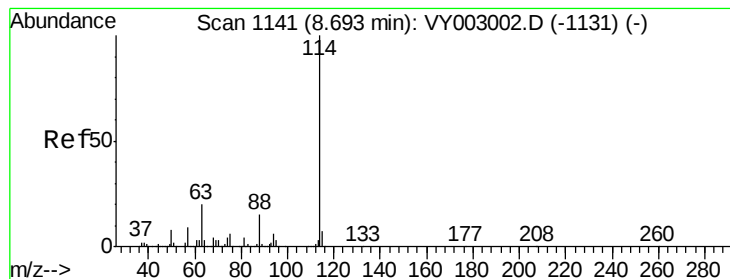
67 54.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-3_11-11.5

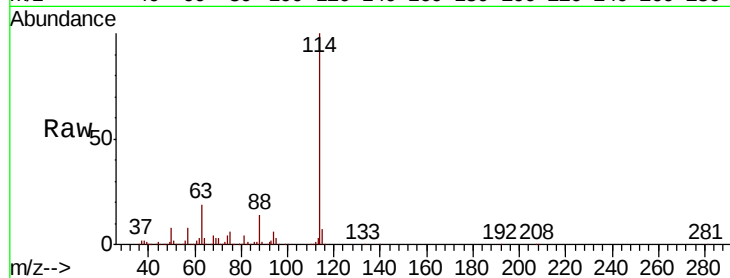
Tot Ion:114 Resp: 496566

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

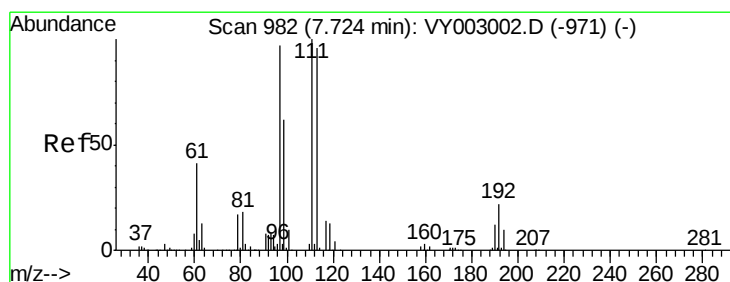
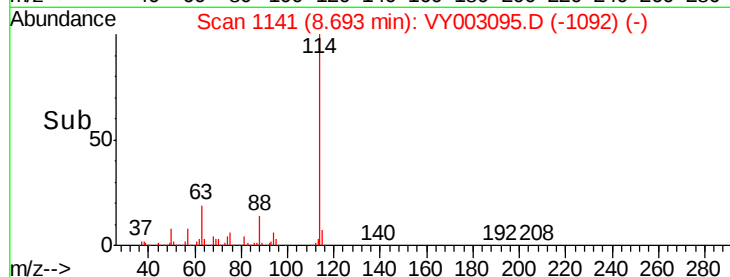
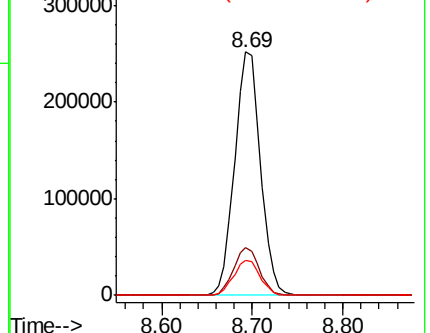
88 14.3 0.0 30.0



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: 52.483 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

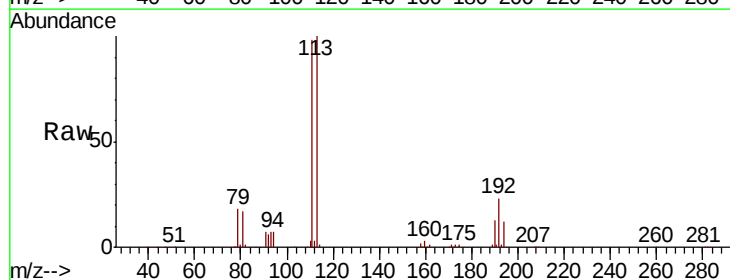
Tgt Ion:113 Resp: 162573

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

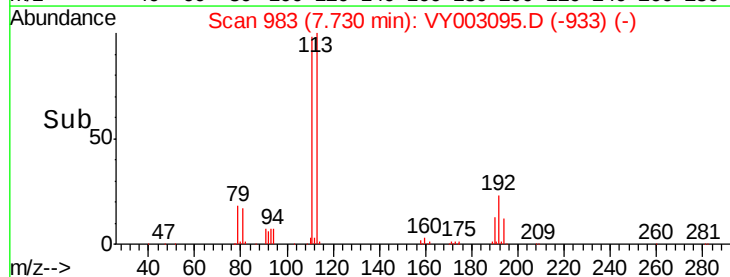
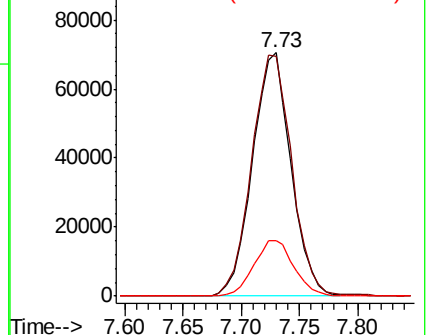
192 23.7 18.1 27.1

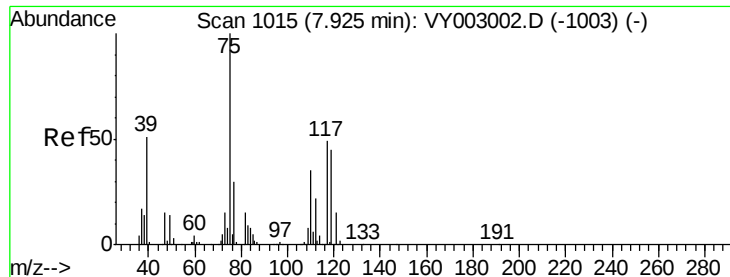


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

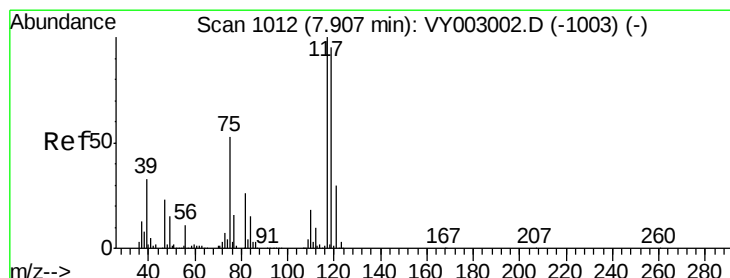
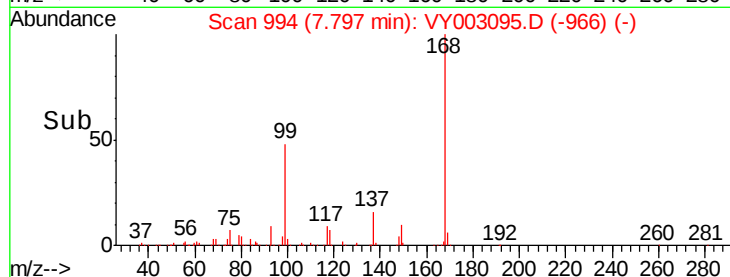
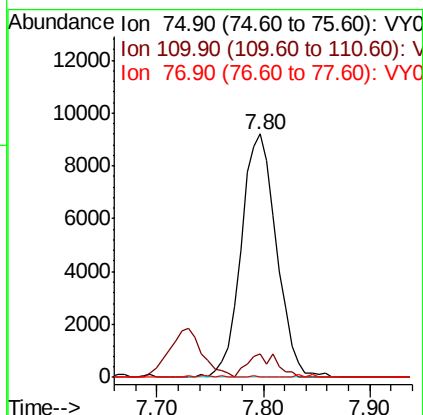
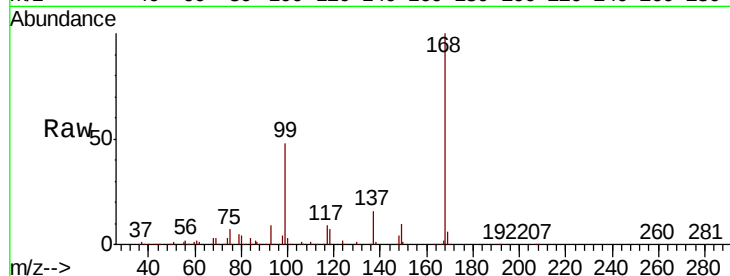




#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003095.D
 Acq: 02 Jul 2020 19:10

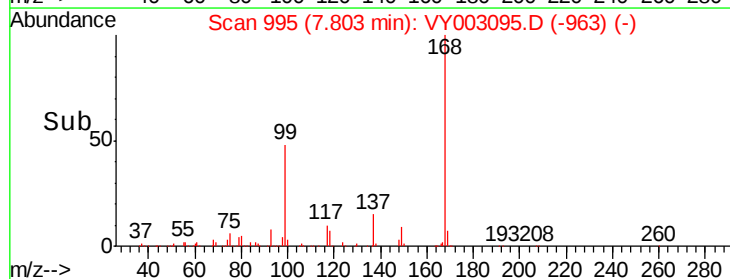
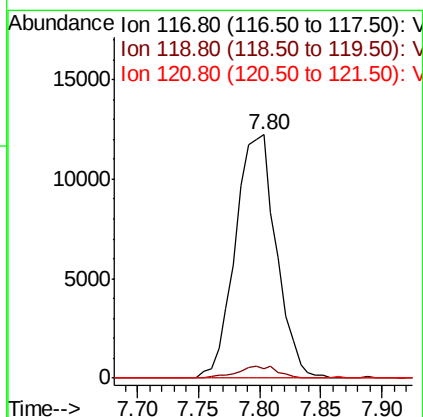
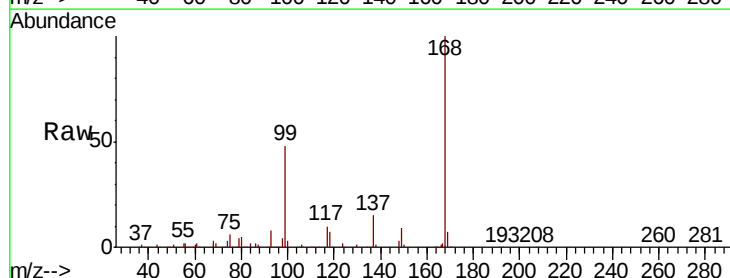
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3_11-11.5

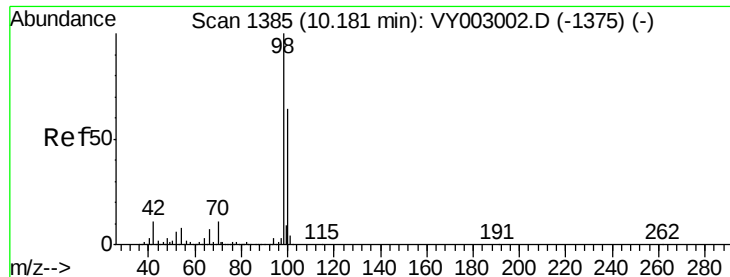
Tot Ion	75	Resp	21417
Ion Ratio	100	Lower	Upper
75	100		
110	8.0	17.1	51.2#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.712 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY003095.D
 Acq: 02 Jul 2020 19:10

Tgt Ion	117	Resp	28428
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	3.8	75.7	113.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 51.385 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

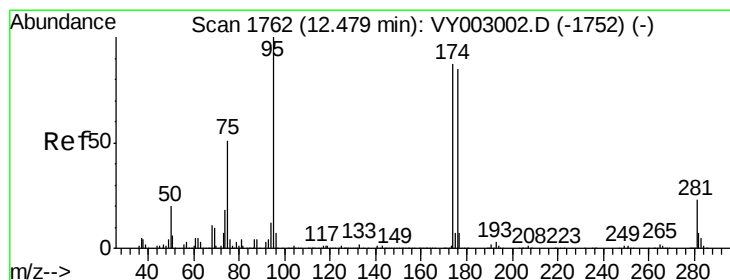
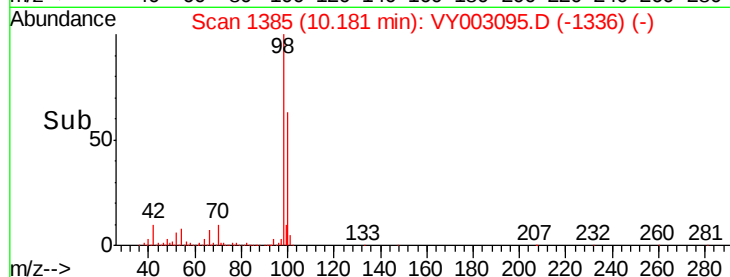
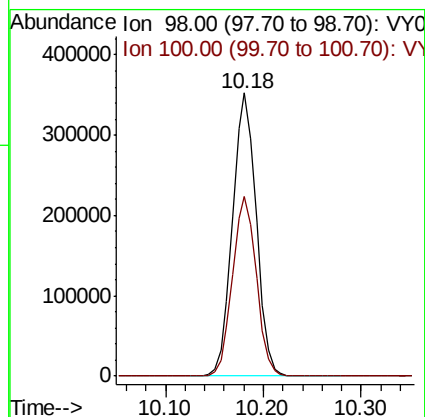
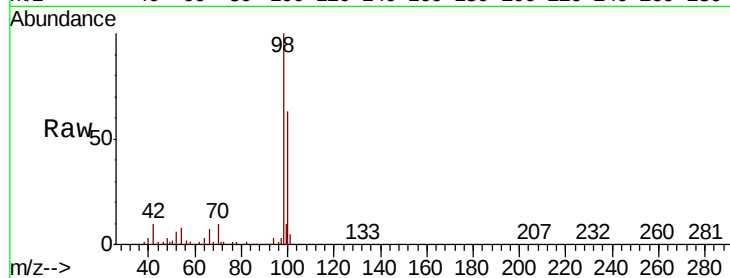
SB-3_11-11.5

Tot Ion: 98 Resp: 592995

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 53.495 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

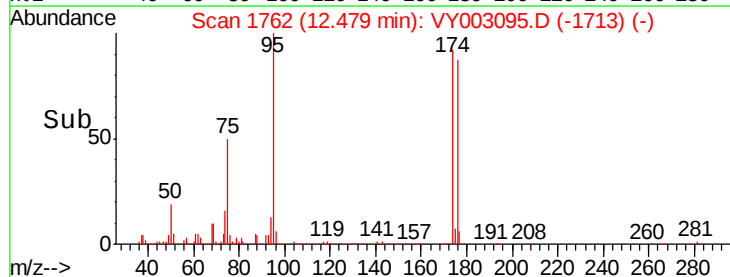
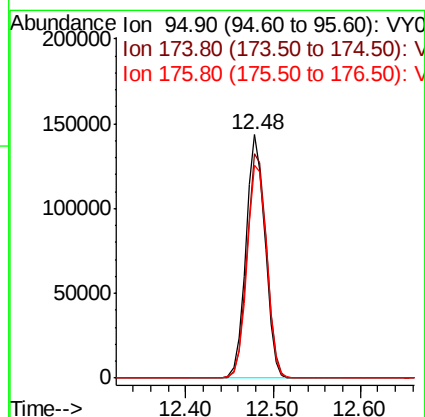
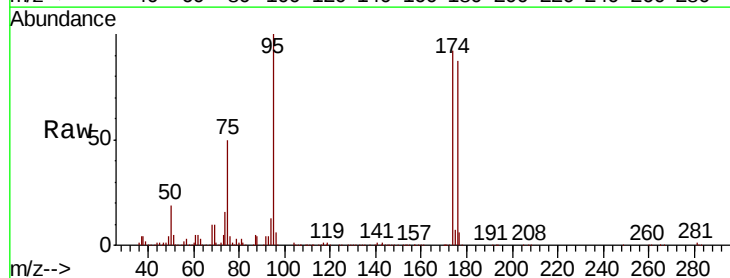
Tgt Ion: 95 Resp: 217307

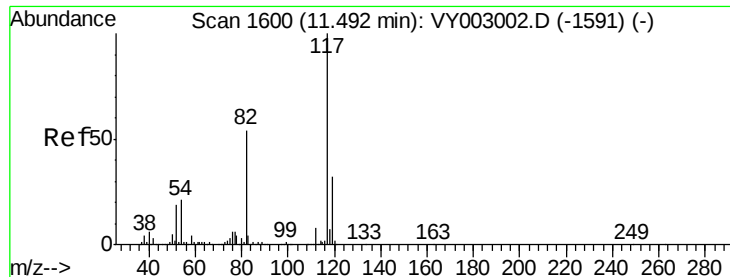
Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.8

176 90.5 0.0 183.0

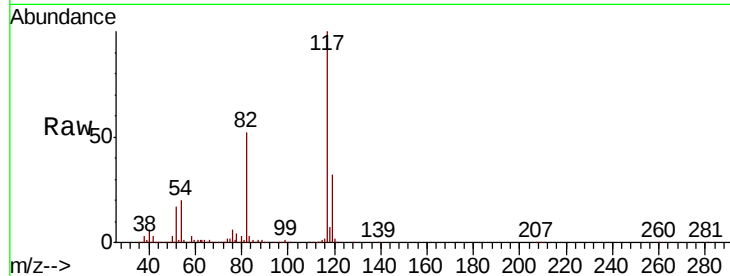




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003095.D
Acq: 02 Jul 2020 19:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-3_11-11.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.6
119	32.3	25.8	38.8

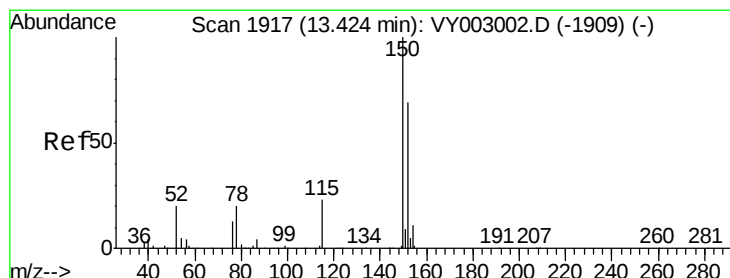
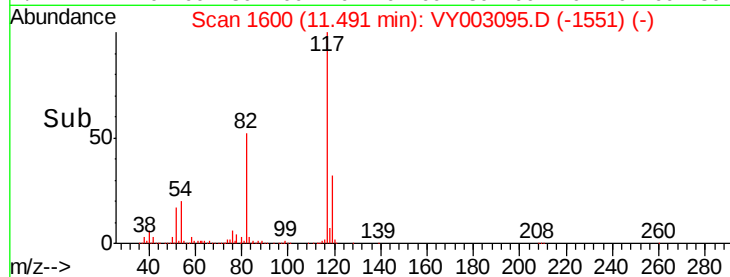
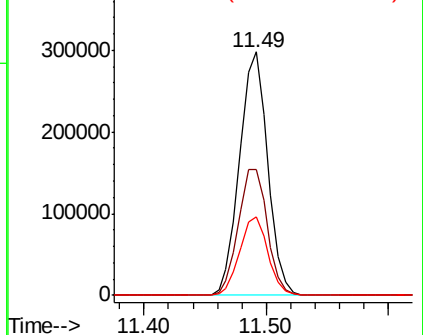


Abundance

Ion 116.90 (116.60 to 117.60): V

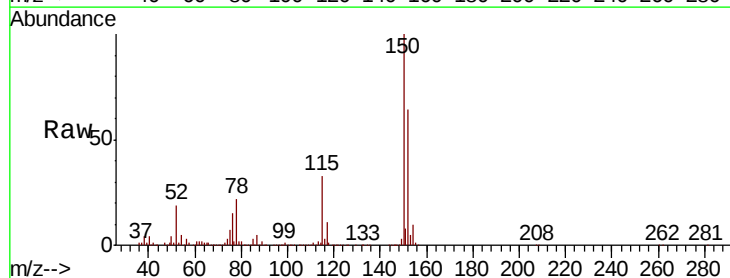
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003095.D
Acq: 02 Jul 2020 19:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	156.2	0.0	343.4

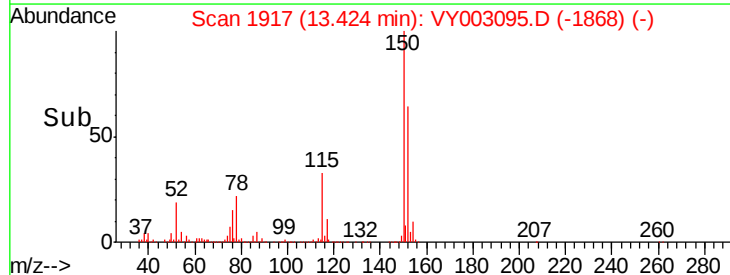
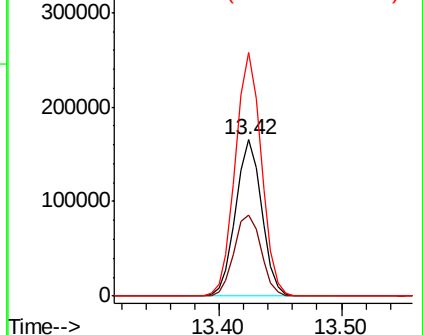


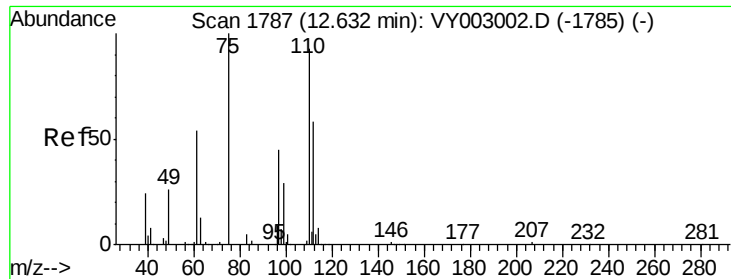
Abundance

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: 44.938 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

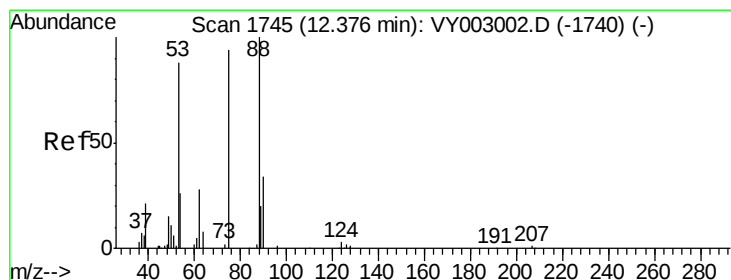
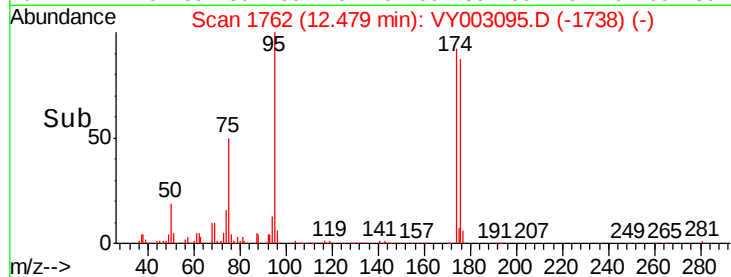
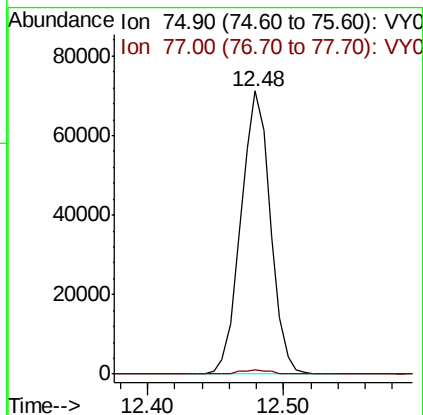
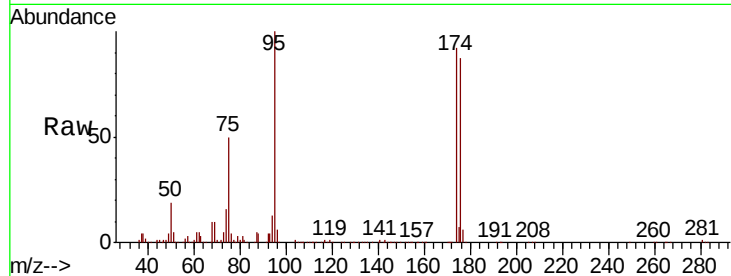
SB-3_11-11.5

Tot Ion: 75 Resp: 107761

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.430 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003095.D

Acq: 02 Jul 2020 19:10

Tgt Ion: 75 Resp: 107761

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.1 37.5 56.3#

