

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003087.D
 Acq On : 02 Jul 2020 15:59
 Operator : SY/MD
 Sample : L3172-07RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-SS

Quant Time: Jul 03 02:37:58 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	289114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	468061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	458778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	236589	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	170135	59.25	ug/l	0.00
Spiked Amount			Recovery	=	118.50%	
35) Dibromofluoromethane	7.72	113	158114	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
50) Toluene-d8	10.18	98	573596	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	206152	53.84	ug/l	0.00
Spiked Amount			Recovery	=	107.68%	

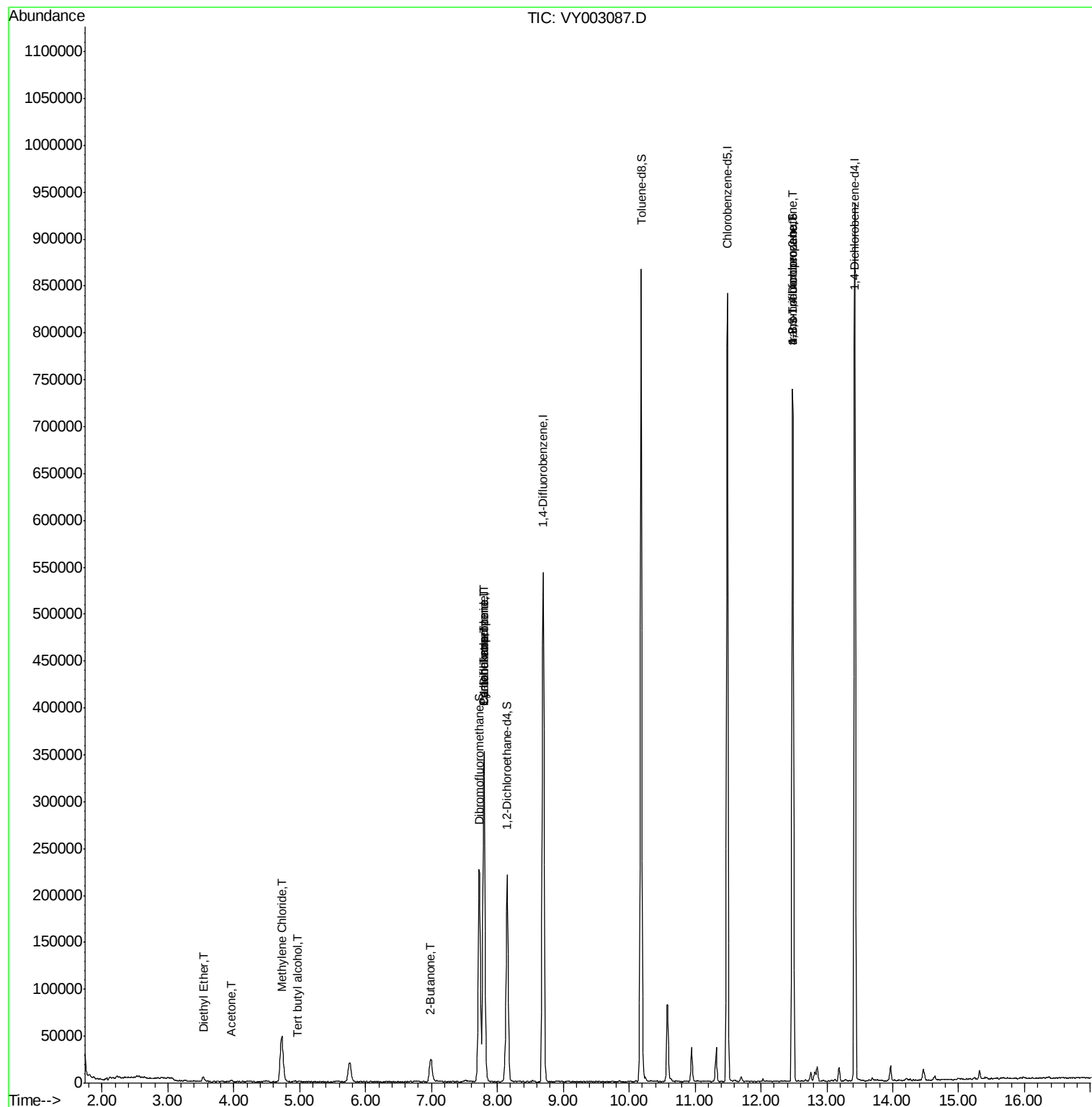
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.53	74	2949	1.949	ug/l	98
11) Tert butyl alcohol	4.97	59	1015	3.468	ug/l #	73
16) Acetone	3.96	43	1763	2.603	ug/l #	82
20) Methylene Chloride	4.72	84	38360	6.650	ug/l	89
25) 2-Butanone	6.99	43	1919	1.784	ug/l #	48
31) Cyclohexane	7.80	56	5487	1.086	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	20445	4.535	ug/l #	42
38) Carbon Tetrachloride	7.80	117	25529	5.442	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	106335	45.413	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	106335	88.355	ug/l #	12

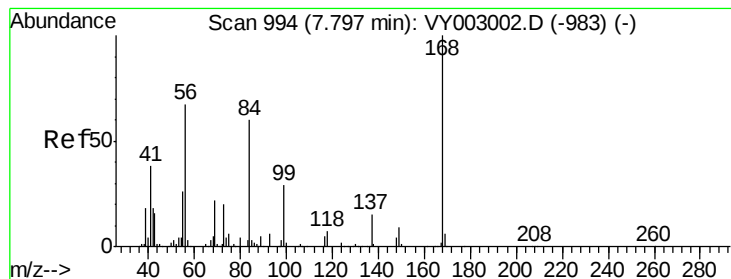
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
Data File : VY003087.D
Acq On : 02 Jul 2020 15:59
Operator : SY/MD
Sample : L3172-07RE
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP4-SS

Quant Time: Jul 03 02:37:58 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: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

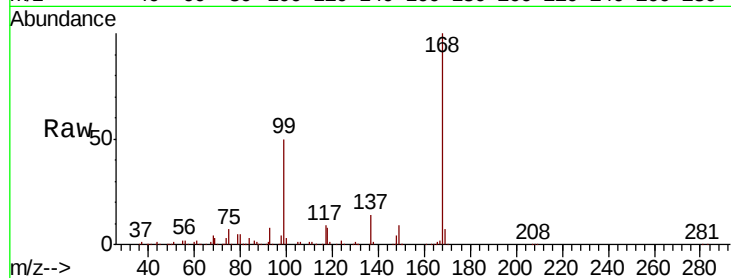
TP4-SS

Tot Ion:168 Resp: 289114

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

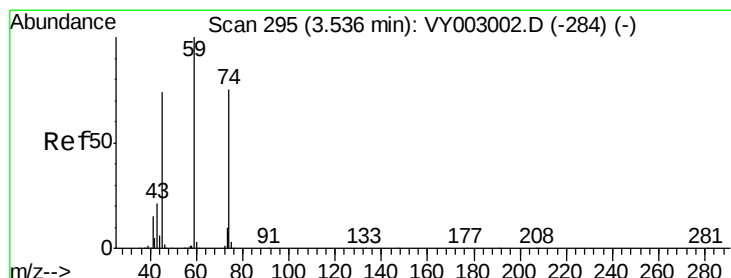
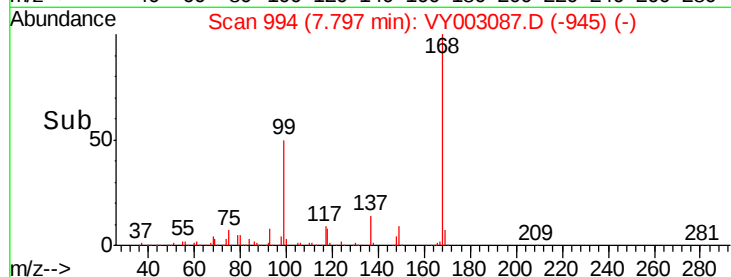
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.949 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003087.D

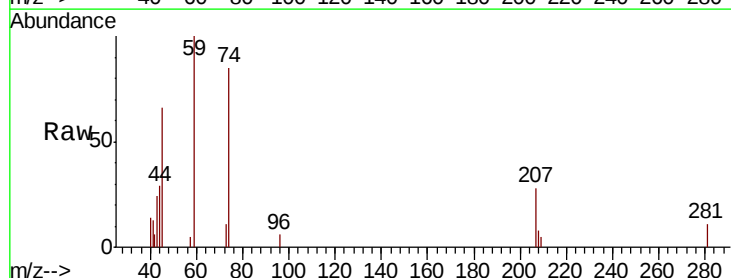
Acq: 02 Jul 2020 15:59

Tgt Ion: 74 Resp: 2949

Ion Ratio Lower Upper

74 100

45 100.2 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003002.D (-284) (-)

Ion 45.00 (44.70 to 45.70): VY003002.D (-284) (-)

3.53

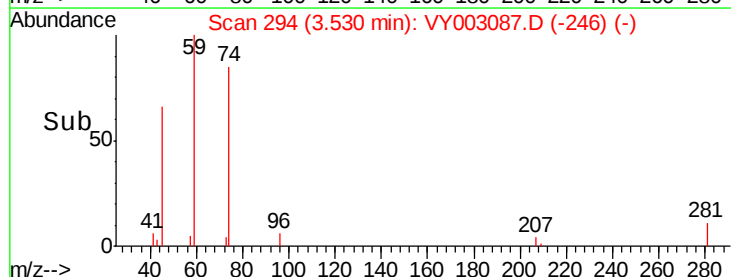
1500

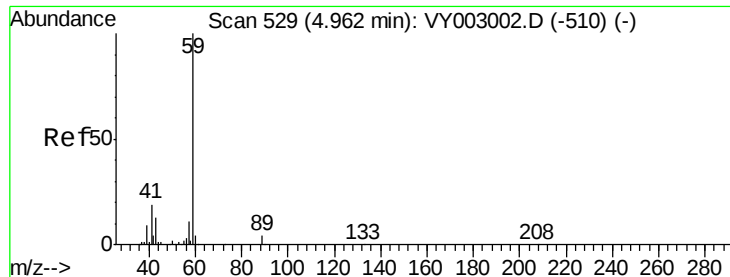
1000

500

0

Time-->



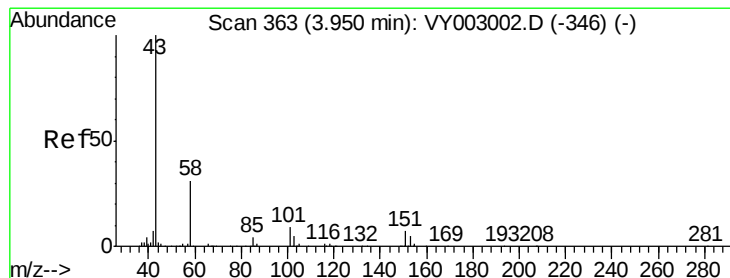
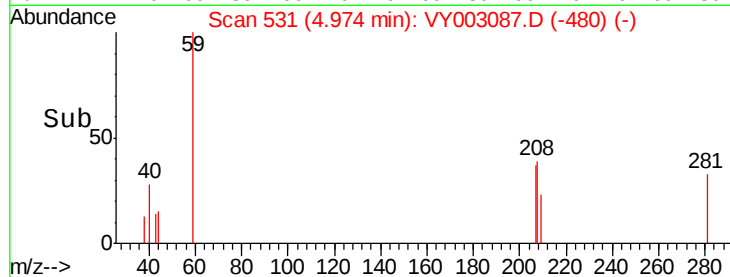
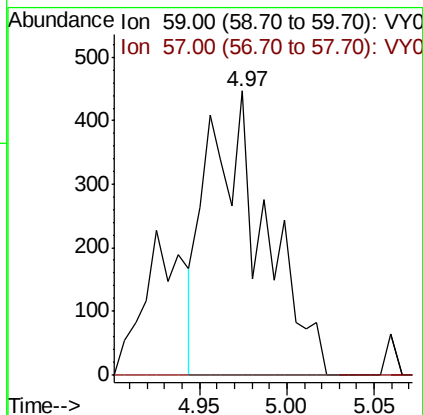
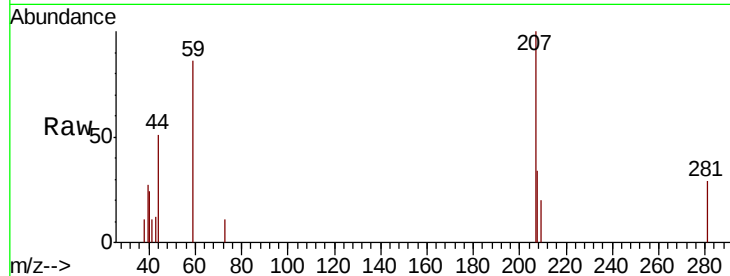


#11

Tert butyl alcohol
 Concen: 3.468 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY003087.D
 Acq: 02 Jul 2020 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-SS

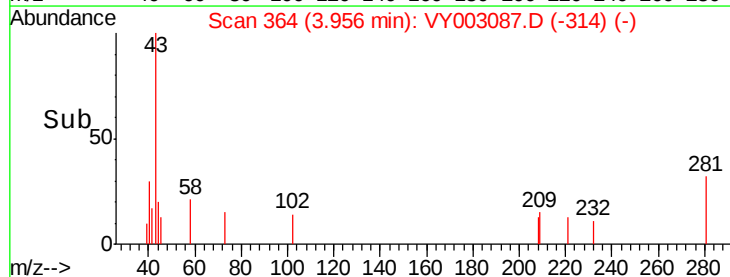
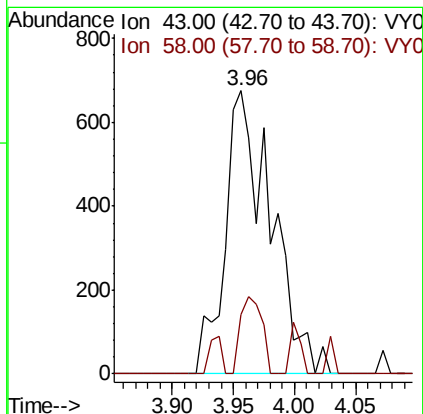
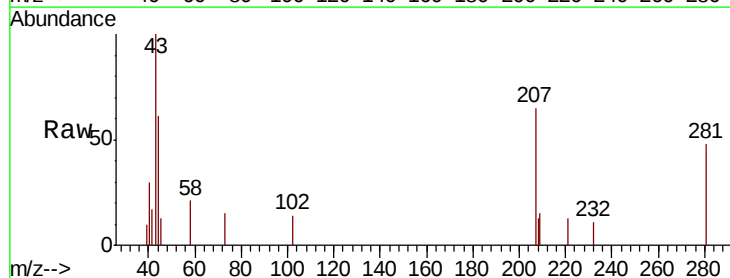
Tot Ion: 59 Resp: 1015
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

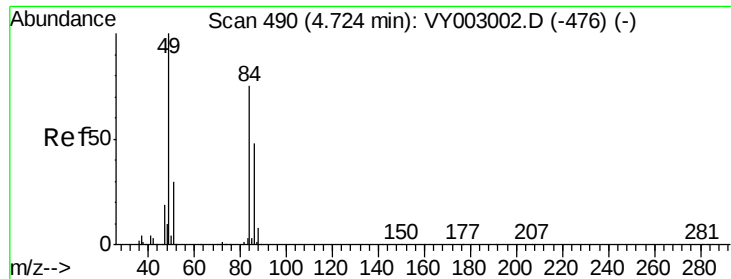


#16

Acetone
 Concen: 2.603 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003087.D
 Acq: 02 Jul 2020 15:59

Tgt Ion: 43 Resp: 1763
 Ion Ratio Lower Upper
 43 100
 58 21.0 24.7 37.1#

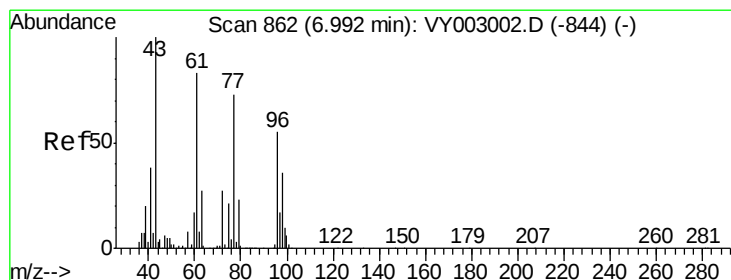
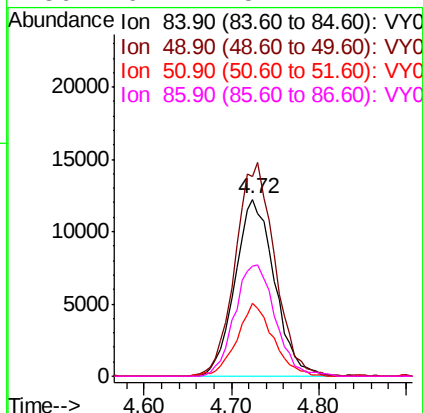
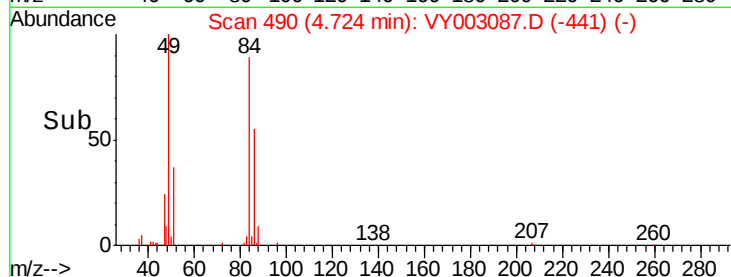
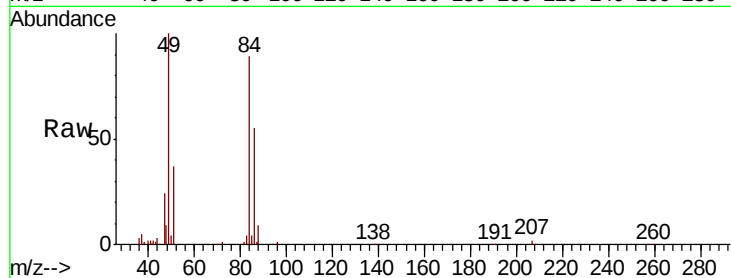




#20
Methvlene Chloride
Concen: 6.650 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003087.D
Acq: 02 Jul 2020 15:59

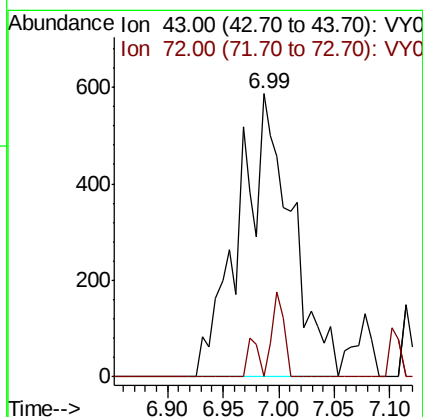
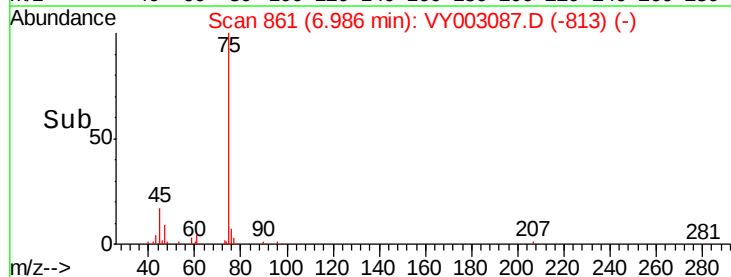
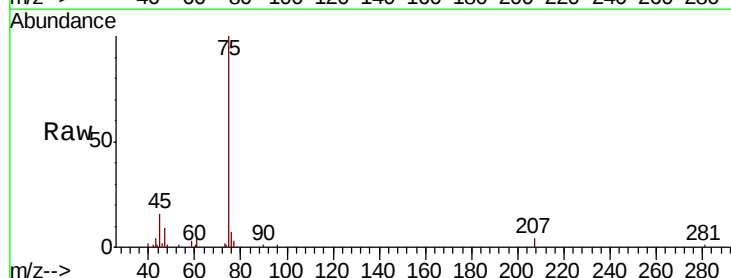
Instrument :
MSVOA_Y
ClientSampleId :
TP4-SS

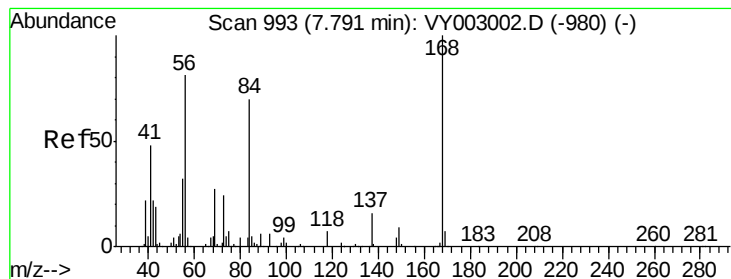
Tot Ion: 84 Resp: 38360
Ion Ratio Lower Upper
84 100
49 113.0 106.8 160.2
51 41.2 32.0 48.0
86 62.1 51.4 77.2



#25
2-Butanone
Concen: 1.784 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003087.D
Acq: 02 Jul 2020 15:59

Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#





#31

Cyclohexane

Concen: 1.086 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP4-SS

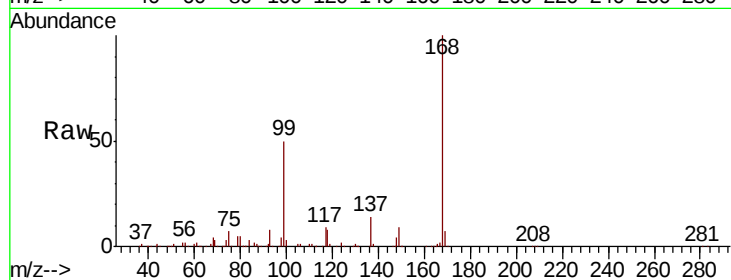
Tot Ion: 56 Resp: 5487

Ion Ratio Lower Upper

56 100

69 159.0 27.0 40.4#

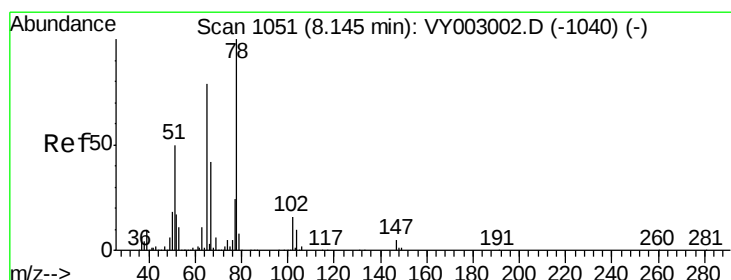
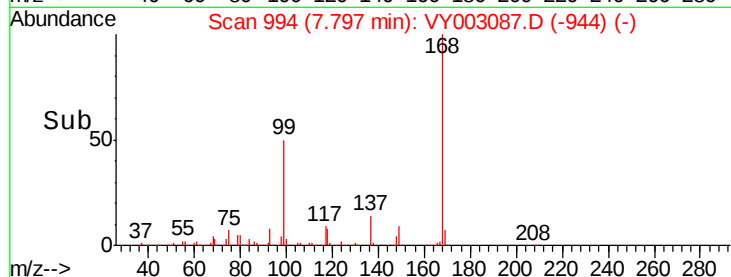
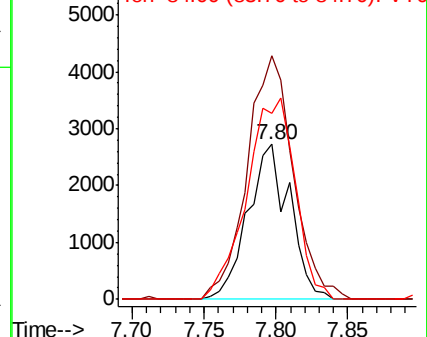
84 119.9 68.1 102.1#



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: 59.250 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003087.D

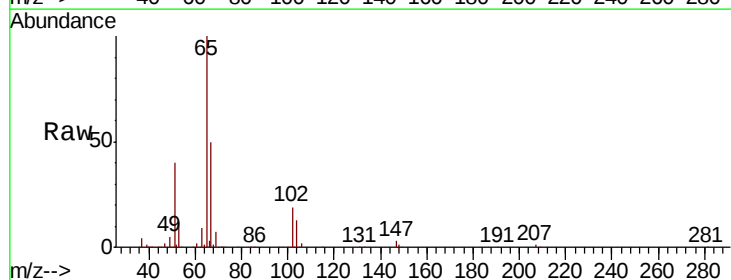
Acq: 02 Jul 2020 15:59

Tgt Ion: 65 Resp: 170135

Ion Ratio Lower Upper

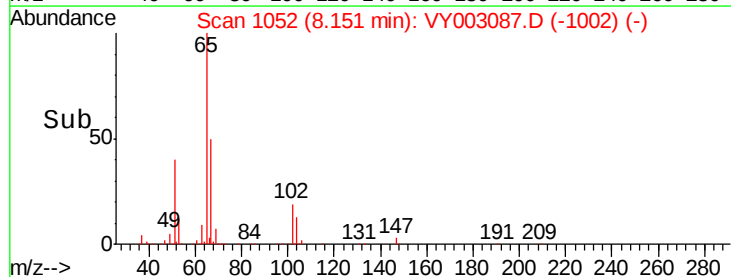
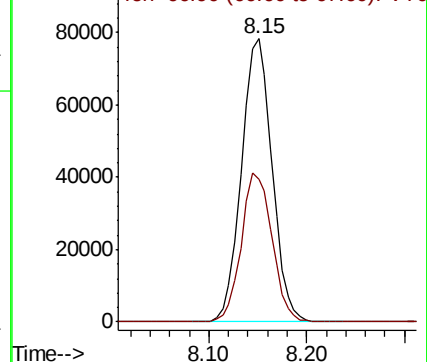
65 100

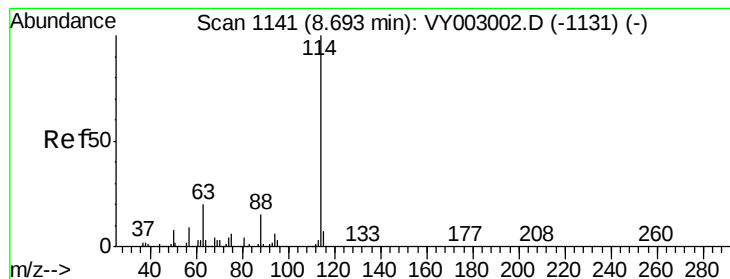
67 53.1 0.0 105.6



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: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP4-SS

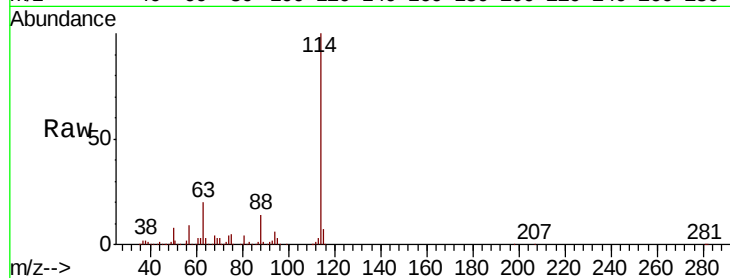
Tot Ion:114 Resp: 468061

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

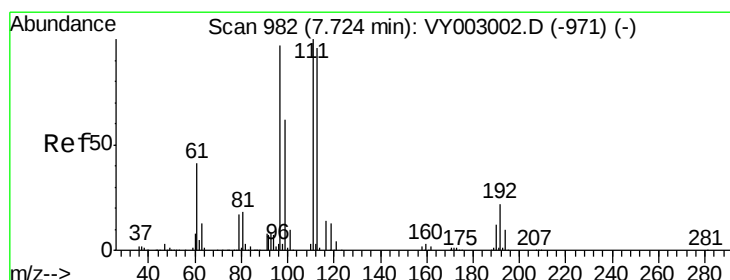
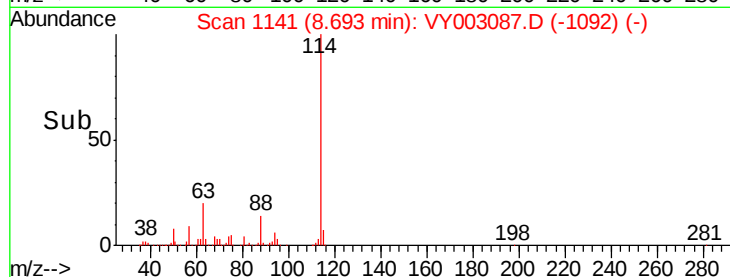
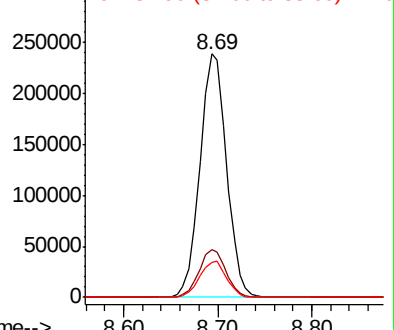
88 14.3 0.0 30.0



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: 54.152 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

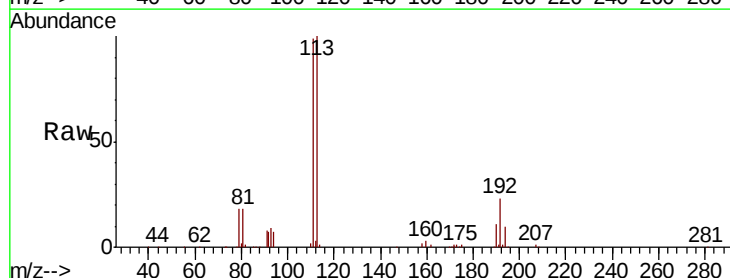
Tgt Ion:113 Resp: 158114

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

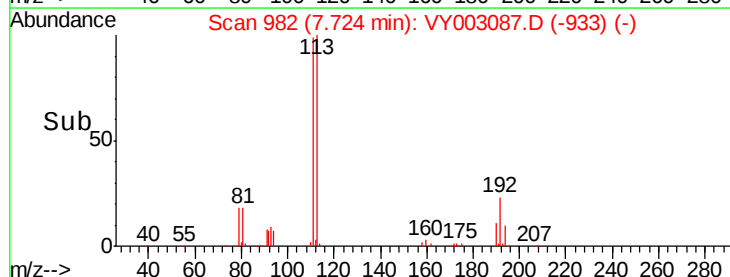
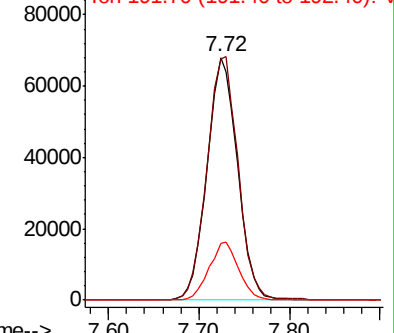
192 23.2 18.1 27.1

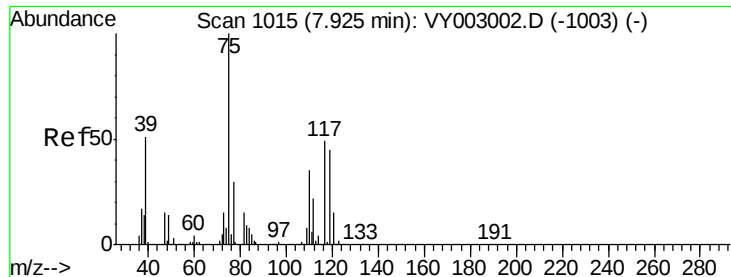


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.535 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :
MSVOA_Y
ClientSampleId :
TP4-SS

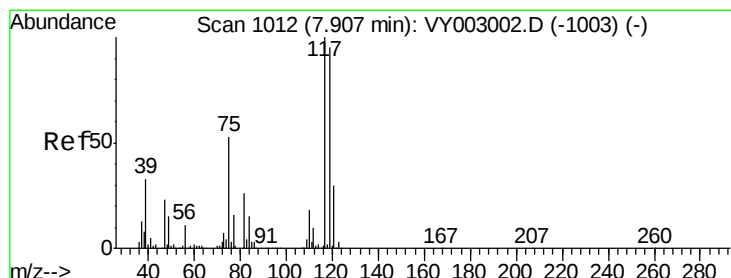
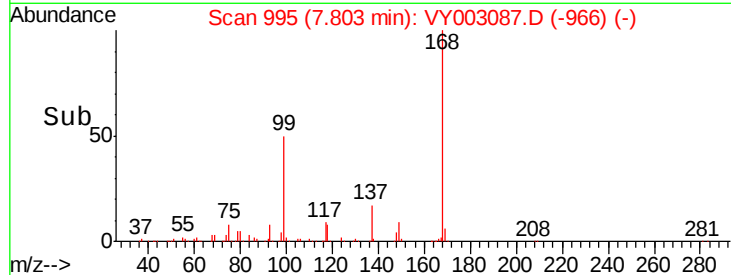
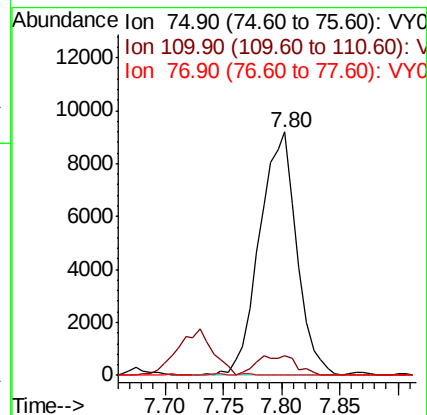
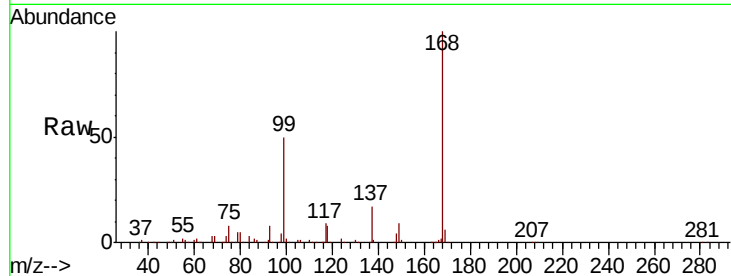
Tot Ion: 75 Resp: 20445

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.442 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

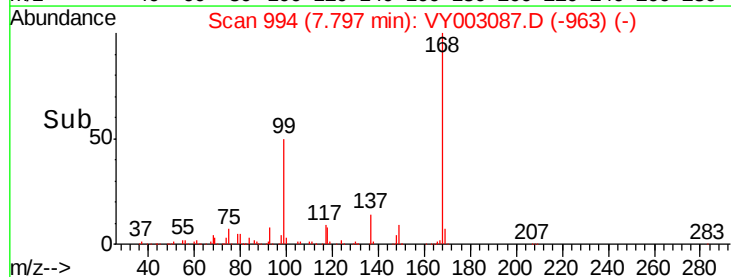
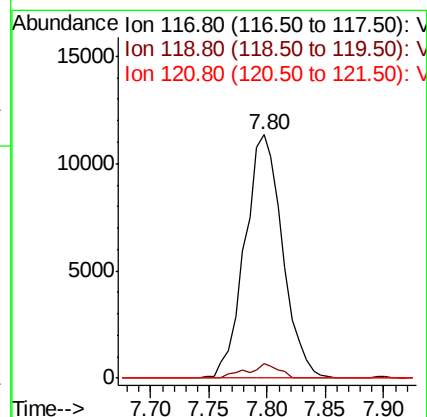
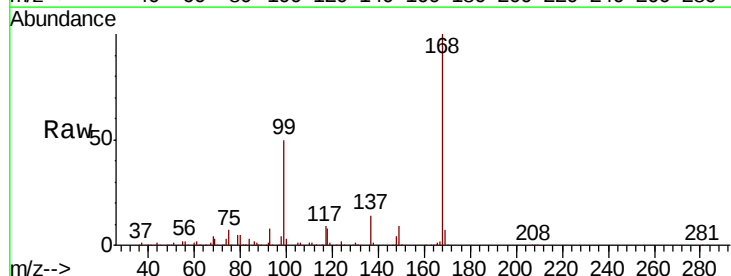
Tgt Ion: 117 Resp: 25529

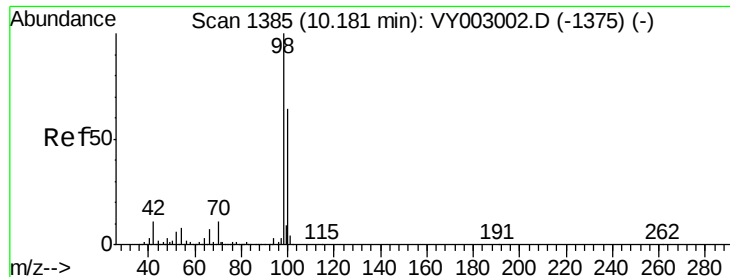
Ion Ratio Lower Upper

117 100

119 6.1 75.7 113.5#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 52.731 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

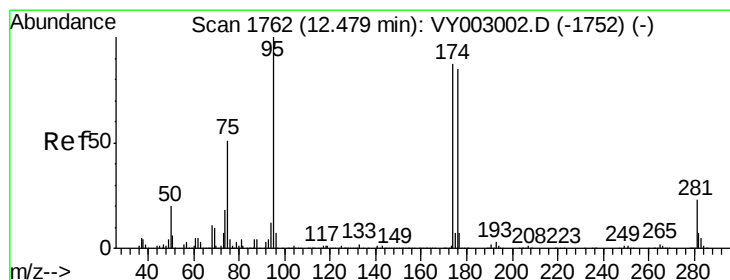
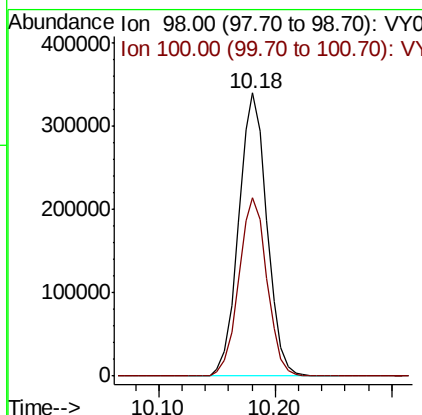
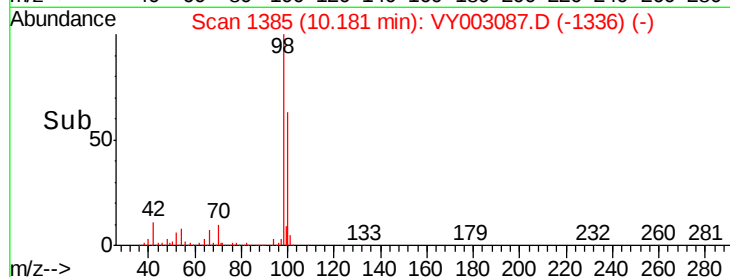
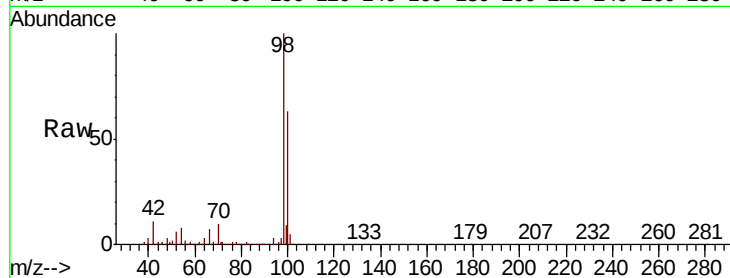
TP4-SS

Tot Ion: 98 Resp: 573596

Ion Ratio Lower Upper

98 100

100 63.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 53.840 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

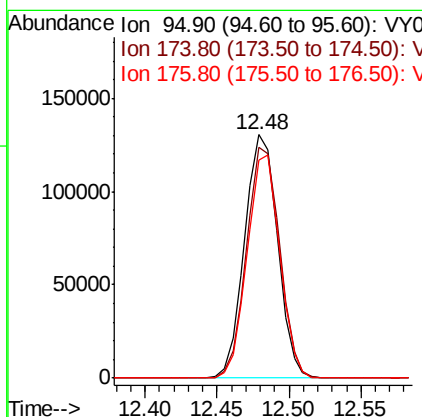
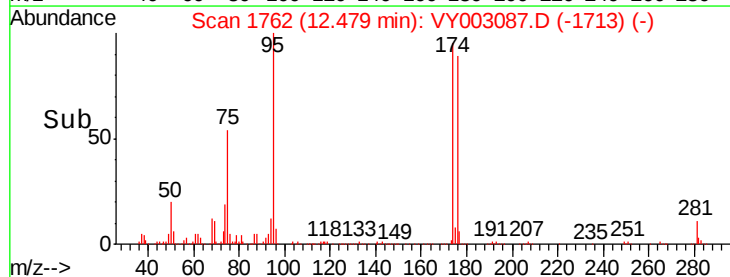
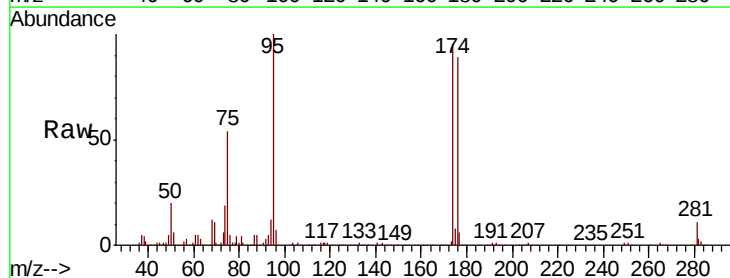
Tgt Ion: 95 Resp: 206152

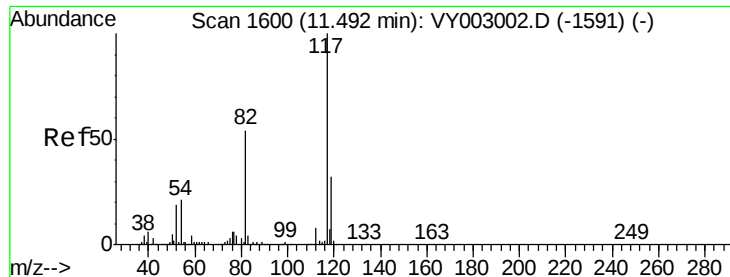
Ion Ratio Lower Upper

95 100

174 95.3 0.0 184.8

176 90.7 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: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampled :

TP4-SS

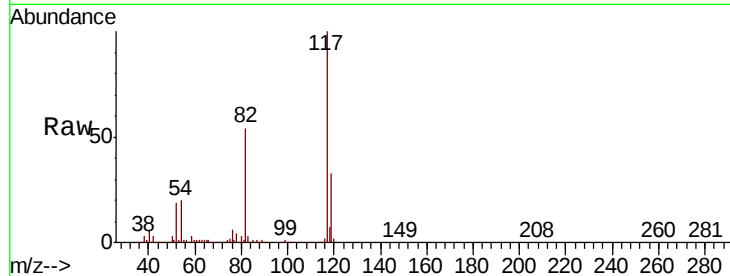
Tot Ion:117 Resp: 458778

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

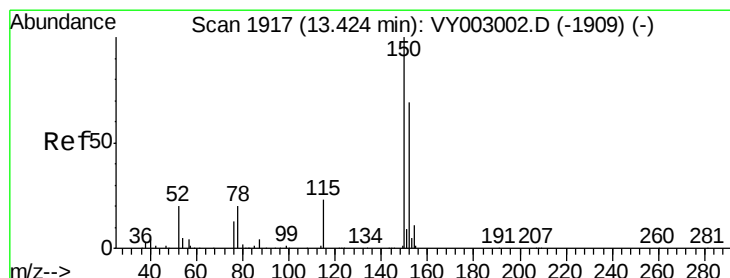
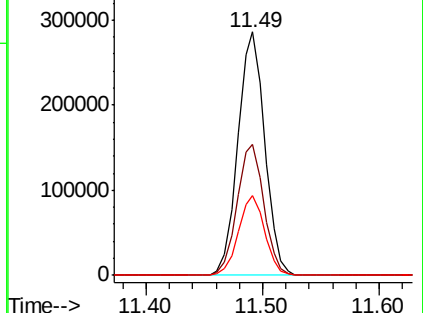
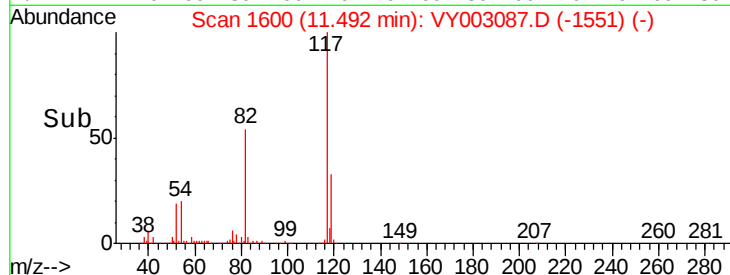
119 32.8 25.8 38.8



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: VY003087.D

Acq: 02 Jul 2020 15:59

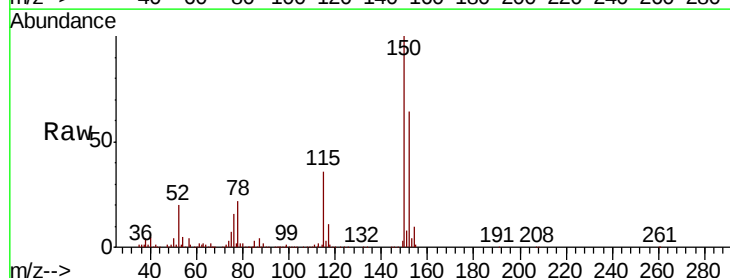
Tgt Ion:152 Resp: 236589

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

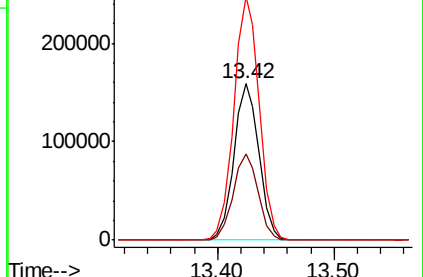
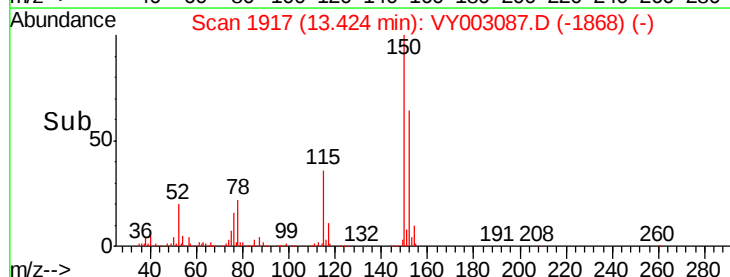
150 157.5 0.0 343.4

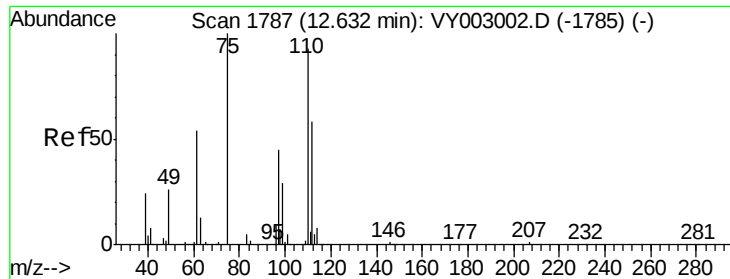


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 45.413 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

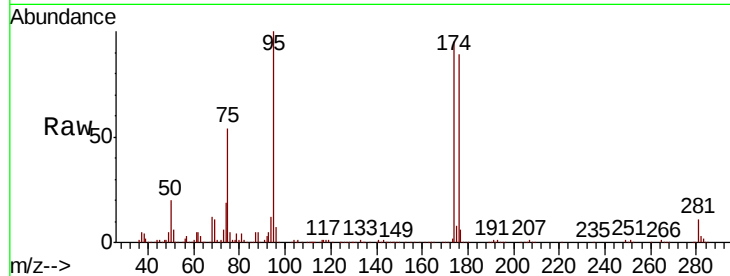
TP4-SS

Tot Ion: 75 Resp: 106335

Ion Ratio Lower Upper

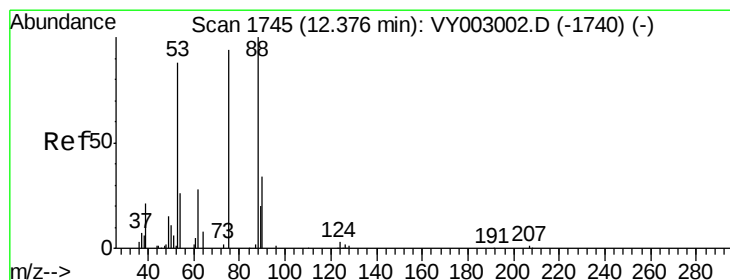
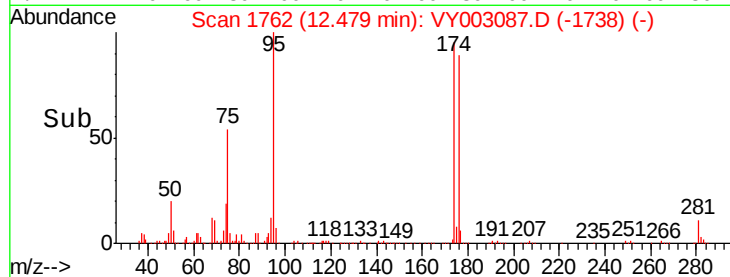
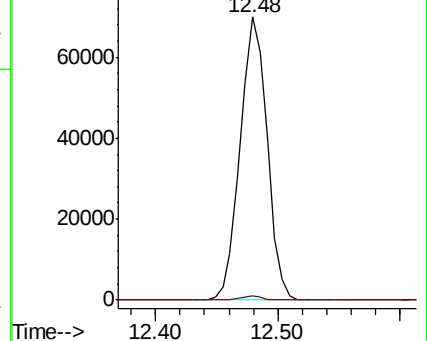
75 100

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: 88.355 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003087.D

Acq: 02 Jul 2020 15:59

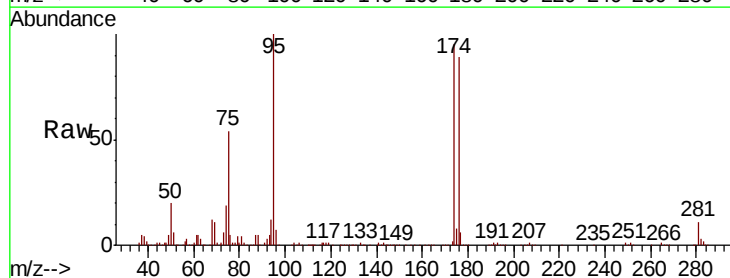
Tgt Ion: 75 Resp: 106335

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.2 37.5 56.3#



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

