

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003041.D
 Acq On : 30 Jun 2020 17:39
 Operator : SY/MD
 Sample : L3153-40
 Misc : 6.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-K

Quant Time: Jul 01 05:16:11 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	369282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251771	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	203793	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
35) Dibromofluoromethane	7.73	113	196251	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	10.18	98	704969	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.48	95	239459	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	

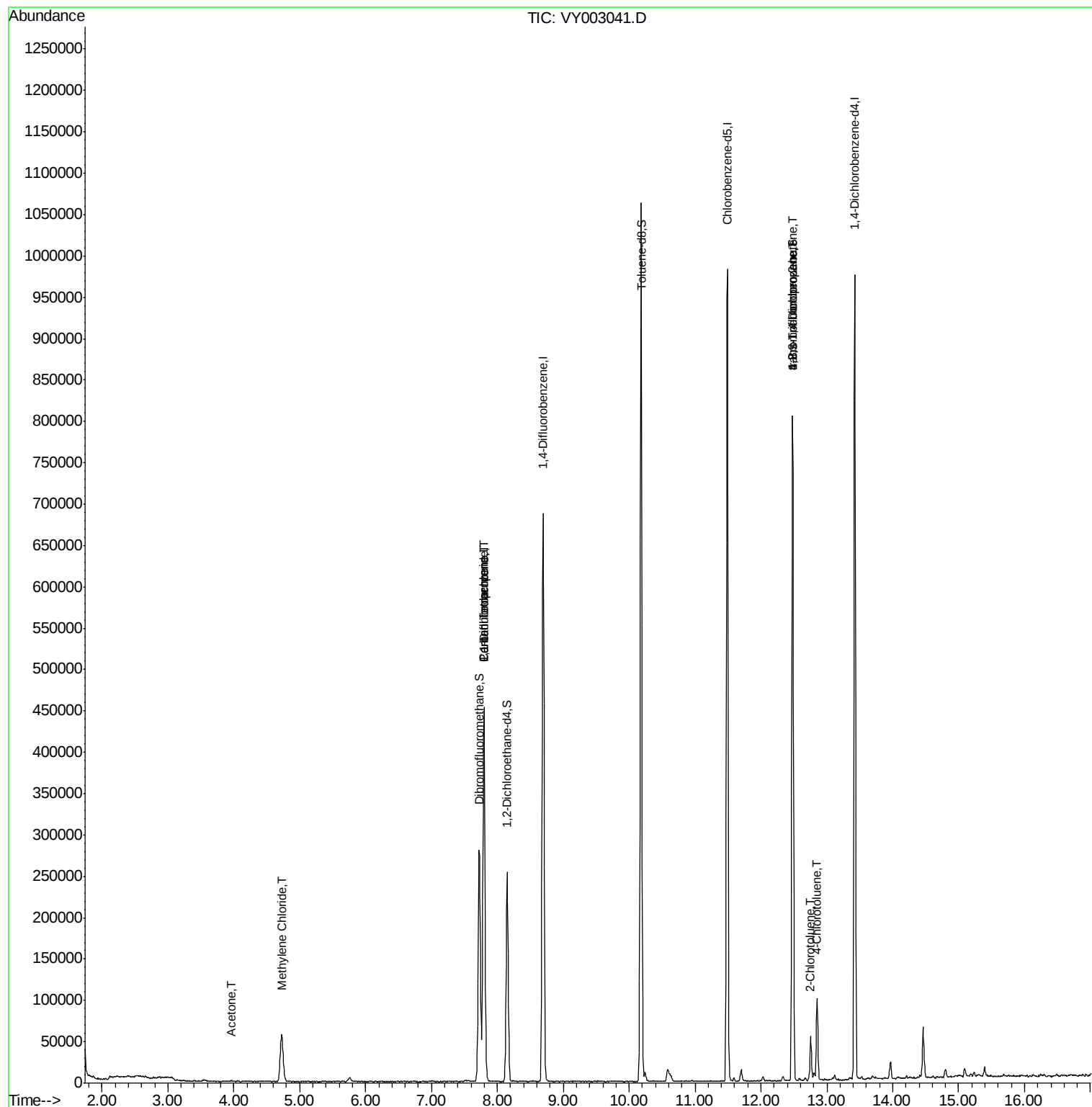
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1629	1.883	ug/l	92
20) Methylene Chloride	4.72	84	44943	5.429	ug/l	89
36) 1,1-Dichloropropene	7.80	75	25346	4.447	ug/l #	51
38) Carbon Tetrachloride	7.80	117	32807	5.533	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	119352	47.899	ug/l #	100
79) 2-Chlorotoluene	12.75	91	27160	2.455	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	119352	93.191	ug/l #	12
82) 4-Chlorotoluene	12.85	91	53182	4.618	ug/l	98

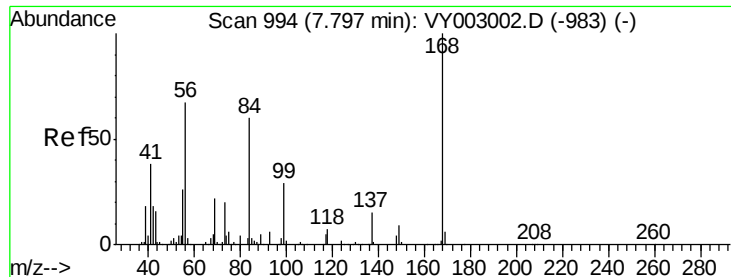
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003041.D
Acq On : 30 Jun 2020 17:39
Operator : SY/MD
Sample : L3153-40
Misc : 6.41G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP2-K

Quant Time: Jul 01 05:16:11 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: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

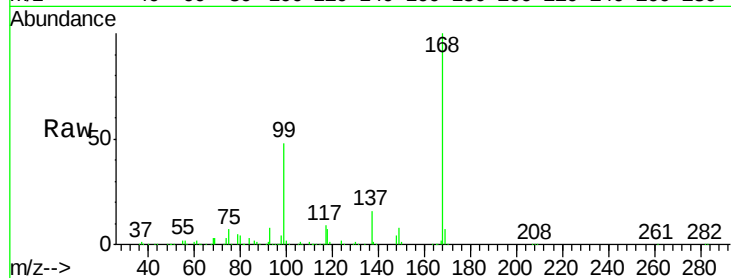
SP2-K

Tot Ion:168 Resp: 369282

Ion Ratio Lower Upper

168 100

99 48.2 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

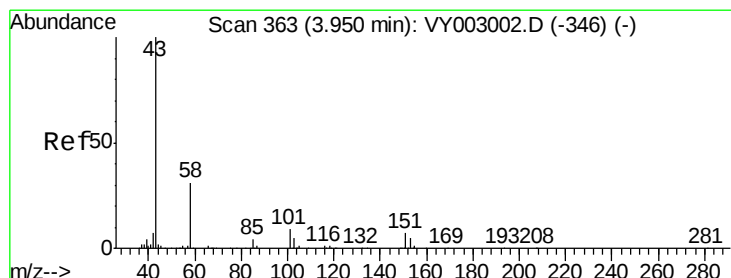
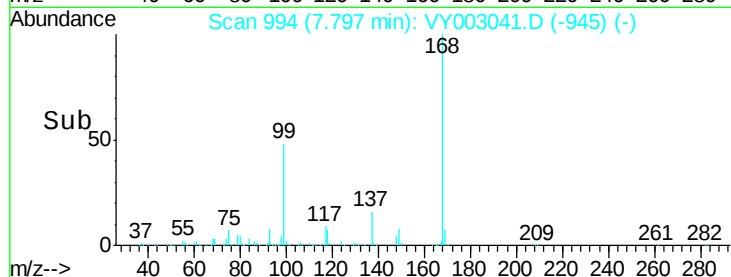
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.883 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003041.D

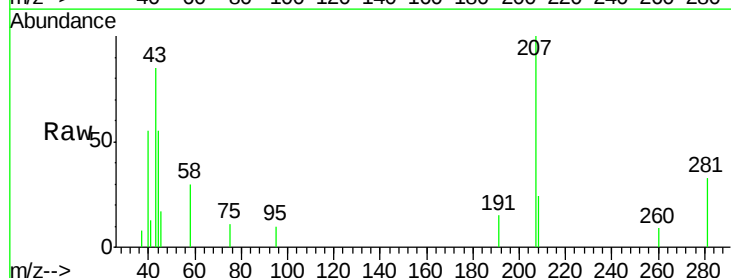
Acq: 30 Jun 2020 17:39

Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

43 100

58 35.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

600

500

400

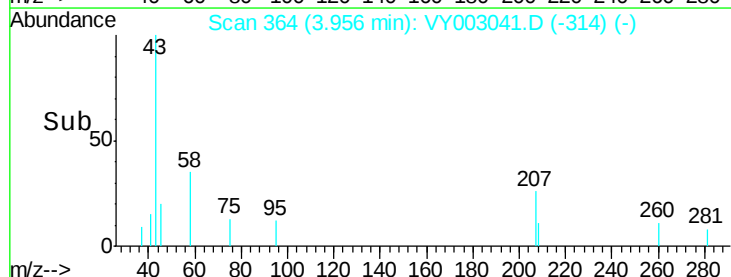
300

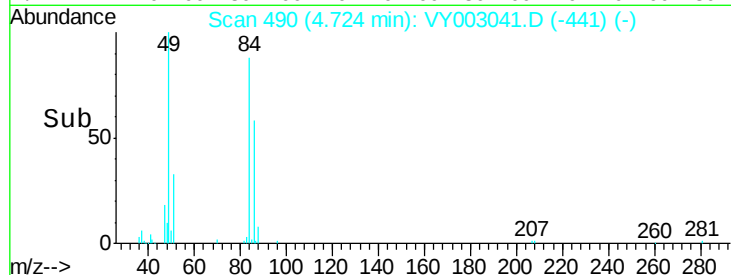
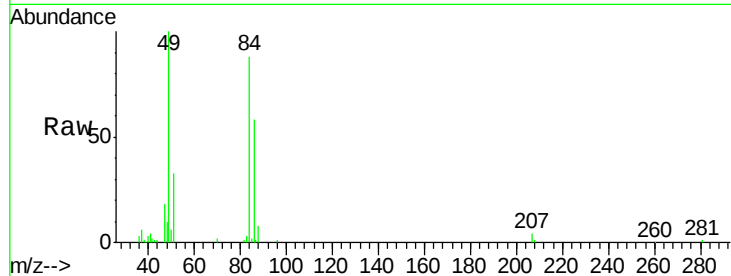
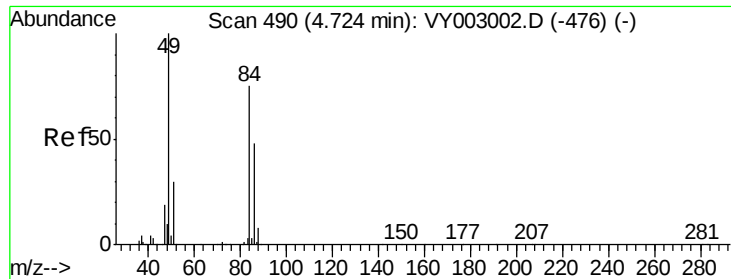
200

100

0

Time-->

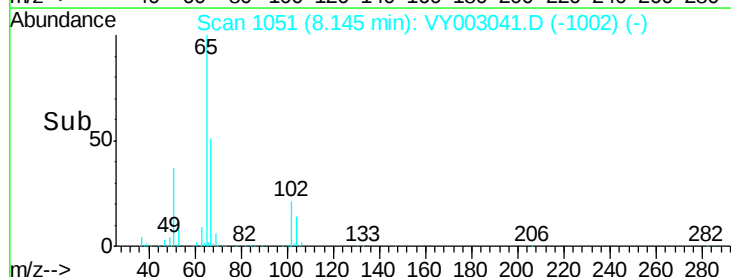
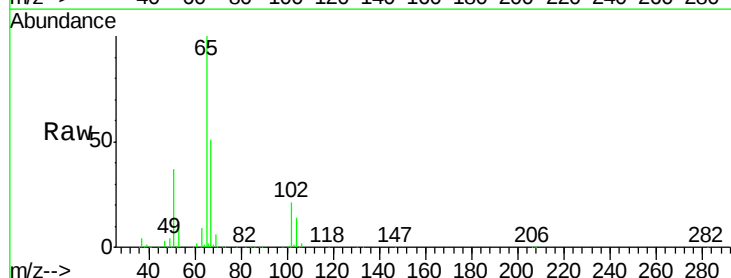
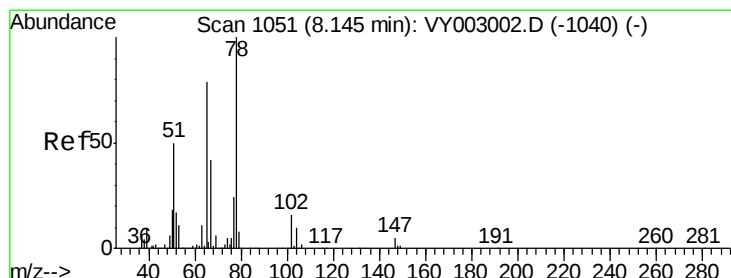
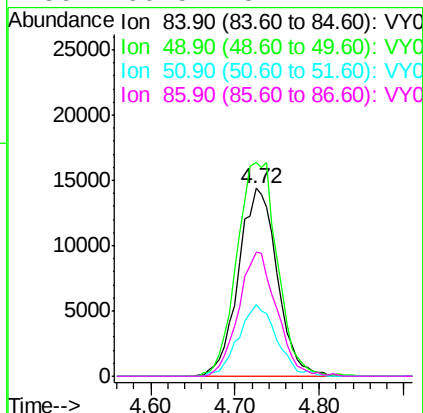




#20
Methvlene Chloride
Concen: 5.429 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

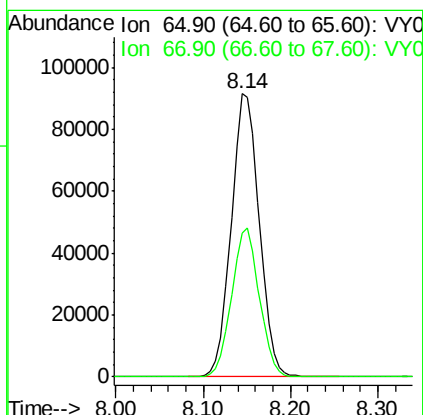
Instrument :
MSVOA_Y
ClientSampled :
SP2-K

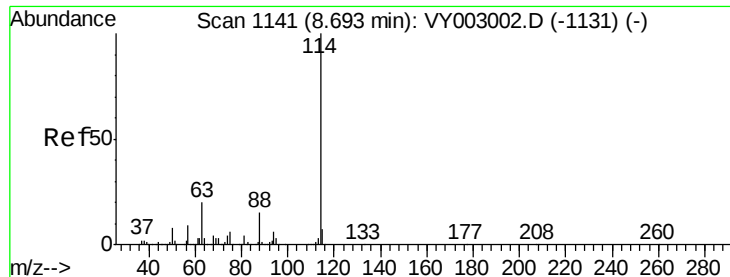
Tot Ion	84	Resp	44943
Ion Ratio	Lower	Upper	
84	100		
49	113.8	106.8	160.2
51	38.0	32.0	48.0
86	66.5	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 55.564 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Tgt Ion	65	Resp	203793
Ion Ratio	Lower	Upper	
65	100		
67	51.8	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SP2-K

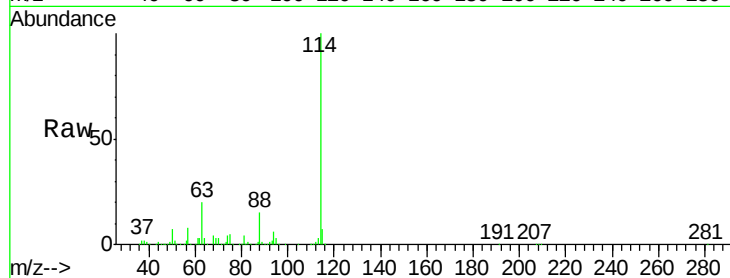
Tot Ion:114 Resp: 591675

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

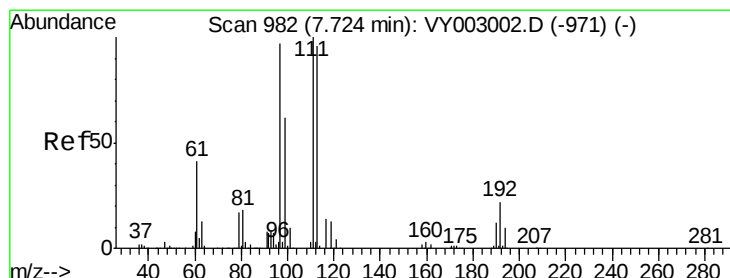
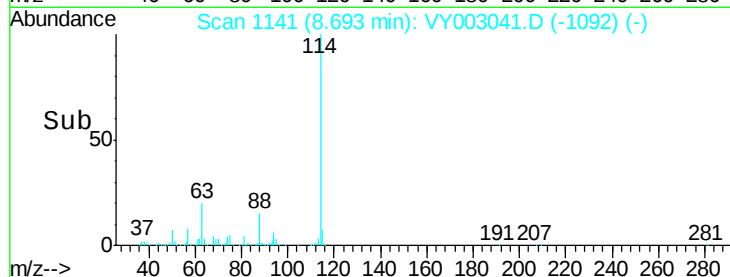
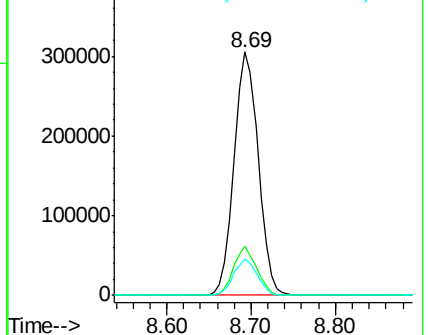
88 15.1 0.0 30.0



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: 53.171 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

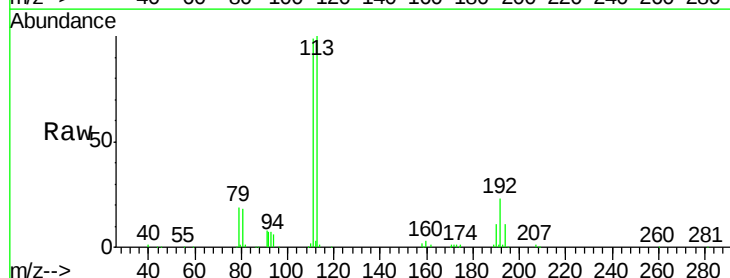
Tgt Ion:113 Resp: 196251

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

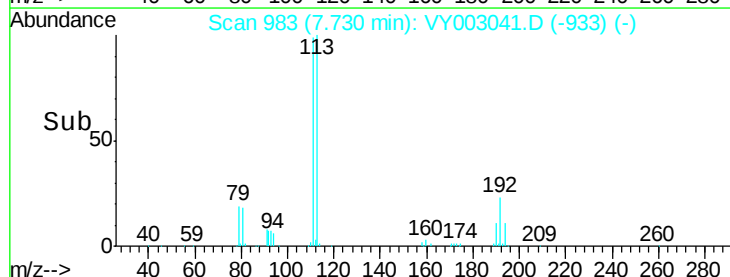
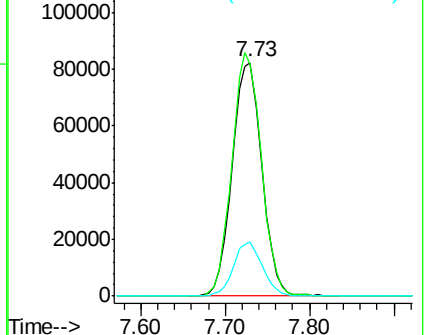
192 22.6 18.1 27.1

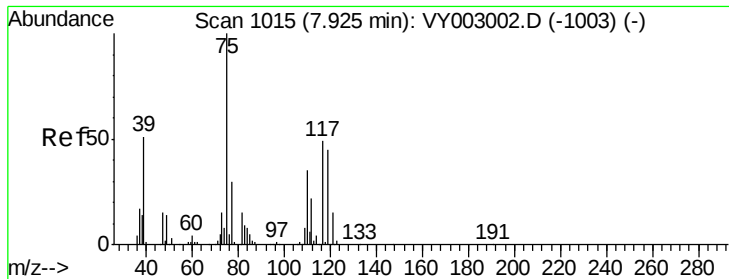


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.447 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SP2-K

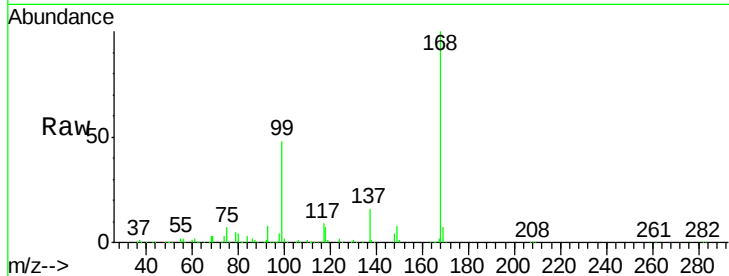
Tot Ion: 75 Resp: 25346

Ion Ratio Lower Upper

75 100

110 9.9 17.1 51.2#

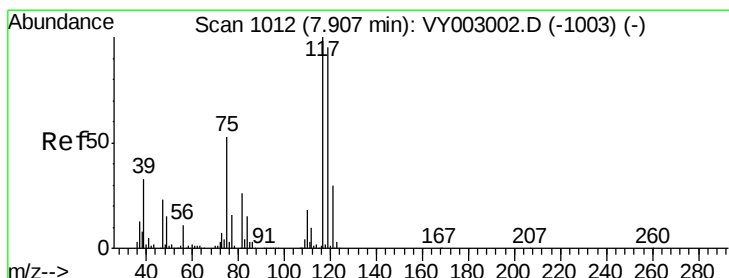
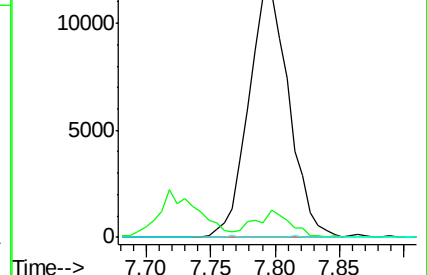
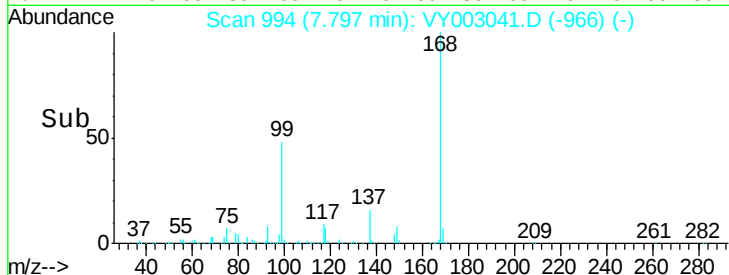
77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY003041.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003041.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003041.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.533 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

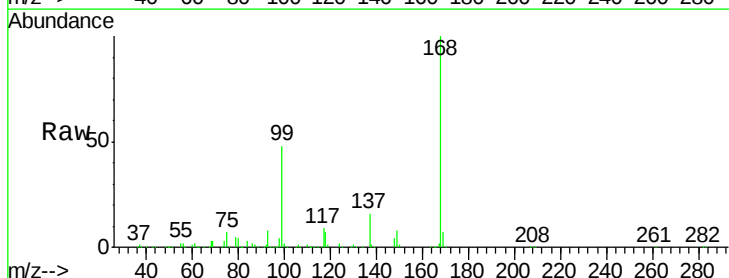
Tgt Ion: 117 Resp: 32807

Ion Ratio Lower Upper

117 100

119 5.7 75.7 113.5#

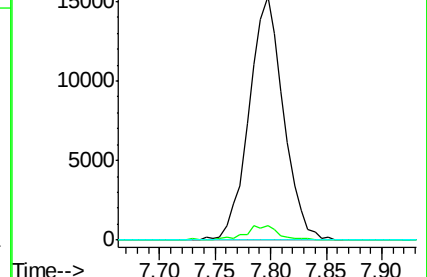
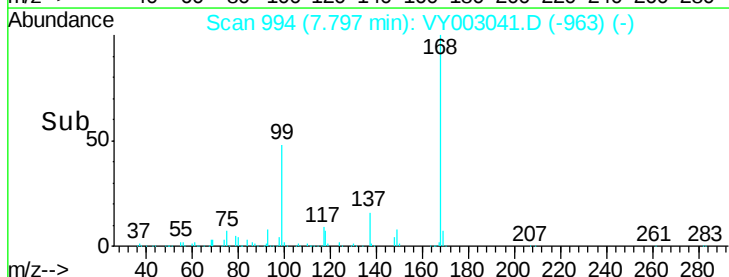
121 0.0 23.9 35.9#

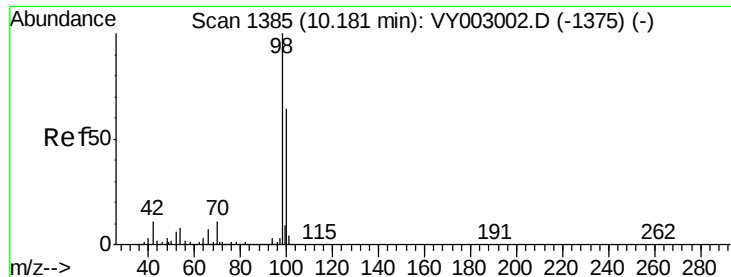


Abundance Ion 116.80 (116.50 to 117.50): VY003041.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003041.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003041.D (-963) (-)





#50

Toluene-d8

Concen: 51.269 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

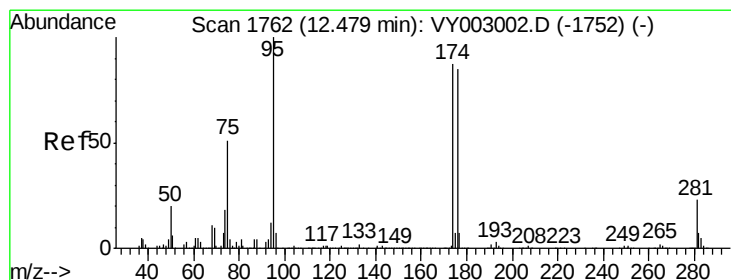
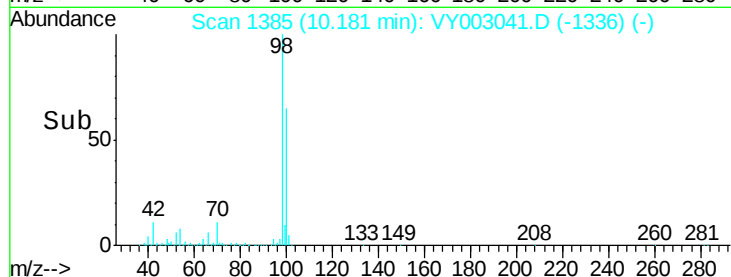
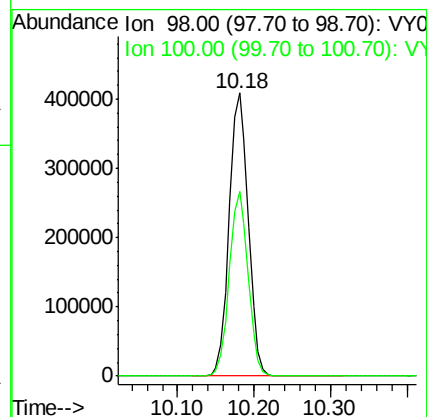
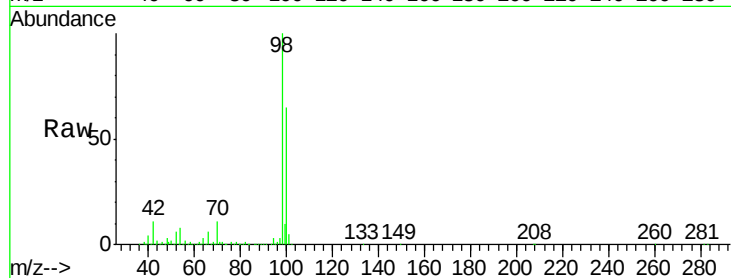
SP2-K

Tot Ion: 98 Resp: 704969

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

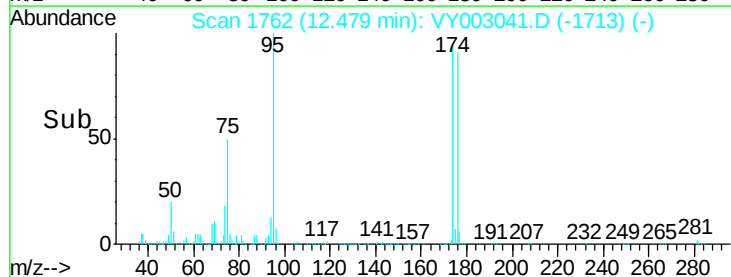
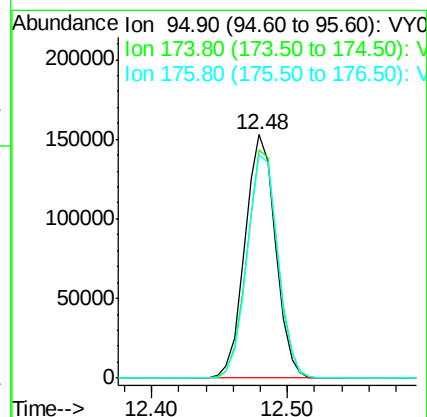
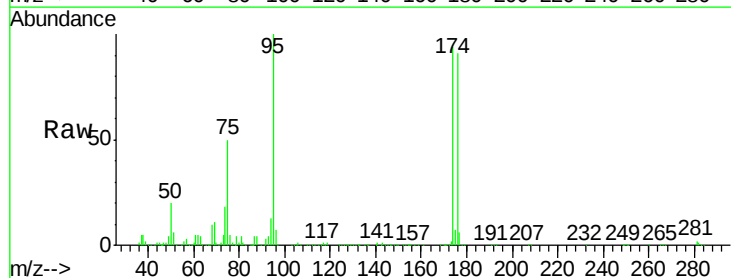
Tgt Ion: 95 Resp: 239459

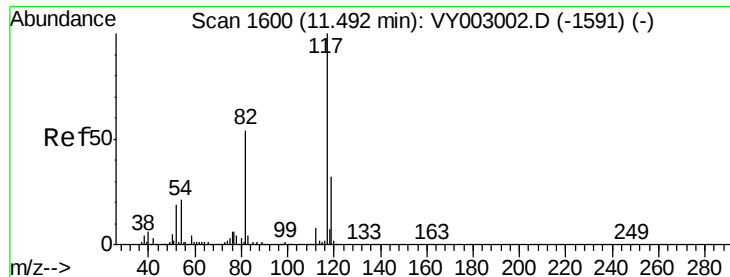
Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.8

176 92.2 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: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SP2-K

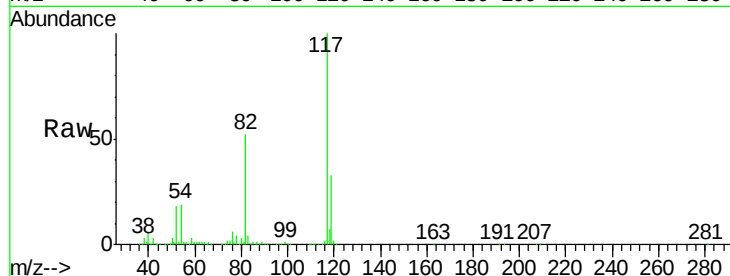
Tot Ion:117 Resp: 550586

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.6

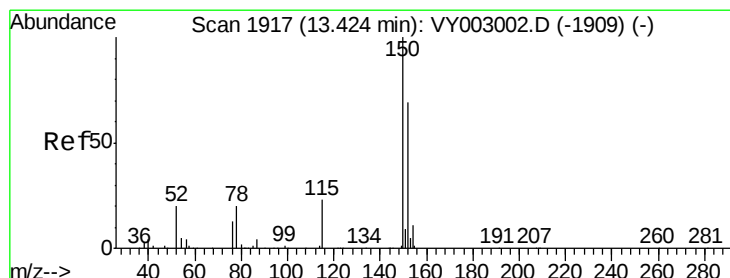
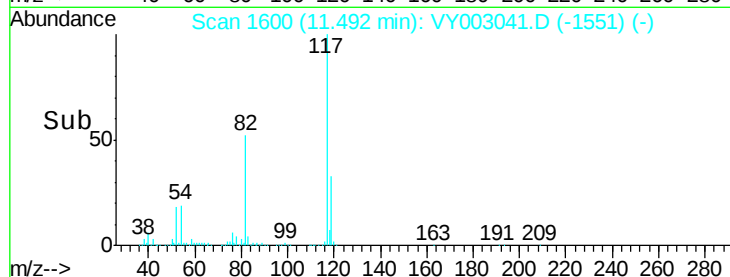
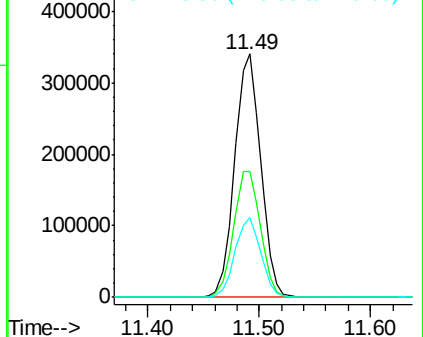
119 32.6 25.8 38.8



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: VY003041.D

Acq: 30 Jun 2020 17:39

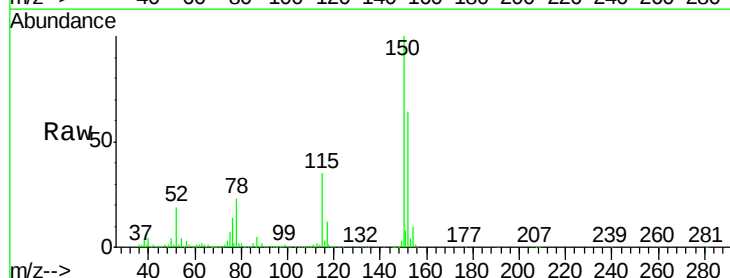
Tgt Ion:152 Resp: 251771

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

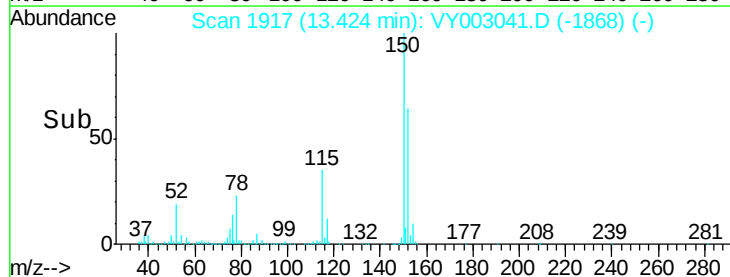
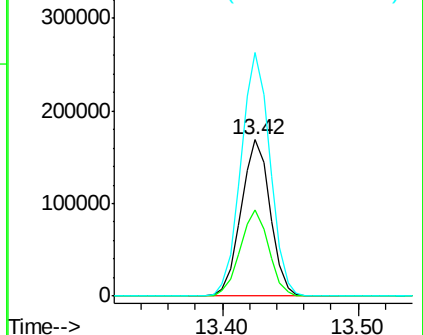
150 156.5 0.0 343.4

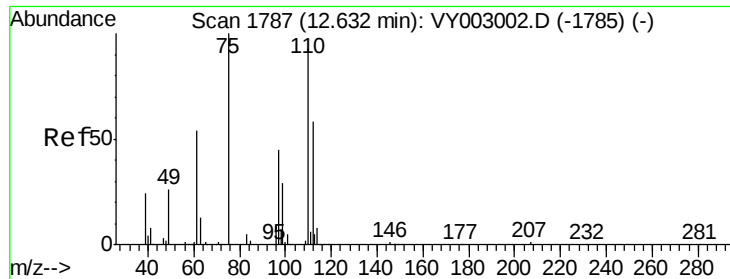


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 47.899 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003041.D

Acq: 30 Jun 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

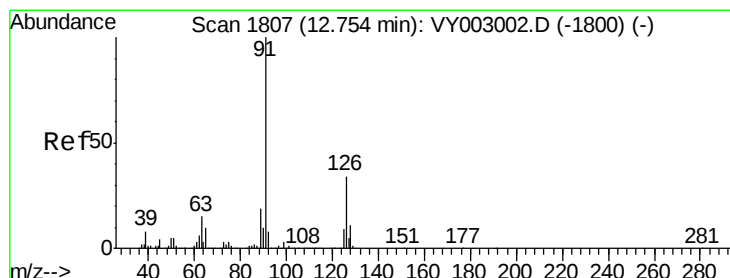
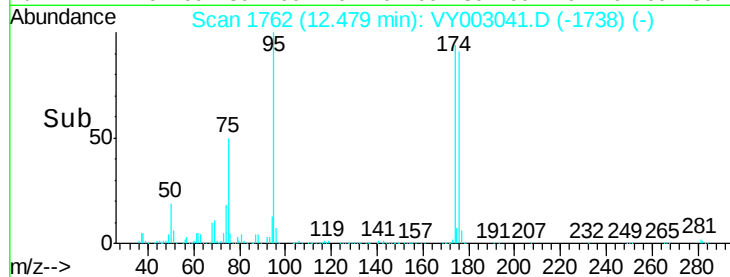
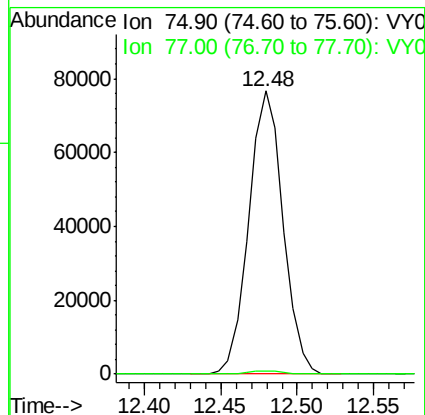
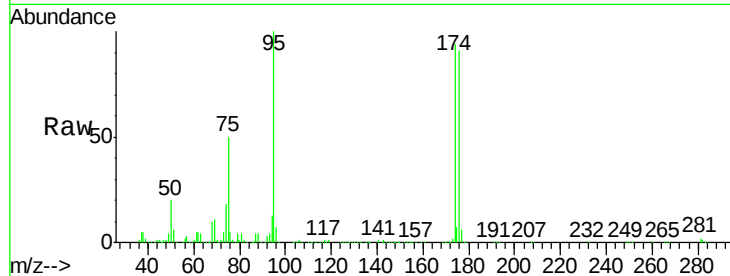
SP2-K

Tot Ion: 75 Resp: 119352

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#79

2-Chlorotoluene

Concen: 2.455 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003041.D

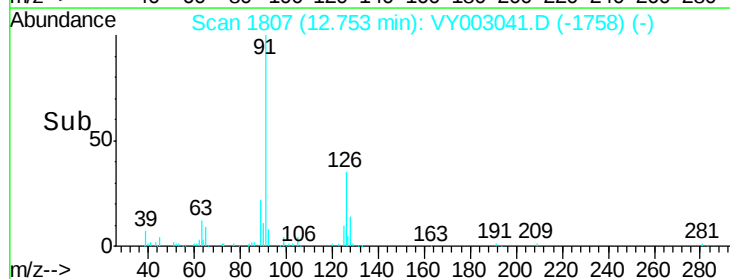
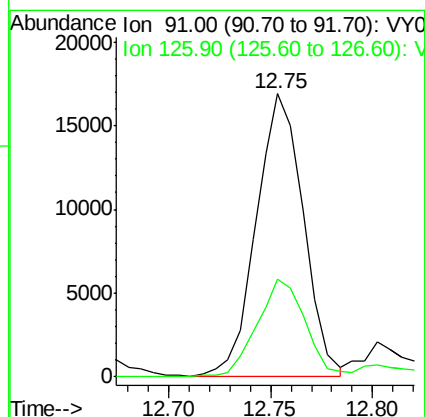
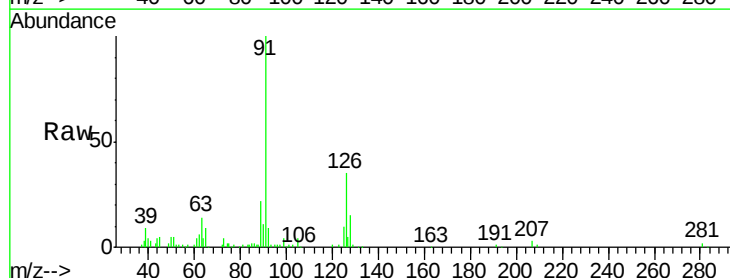
Acq: 30 Jun 2020 17:39

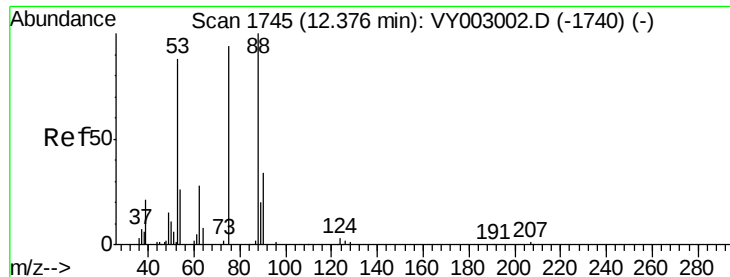
Tgt Ion: 91 Resp: 27160

Ion Ratio Lower Upper

91 100

126 35.5 17.1 51.3

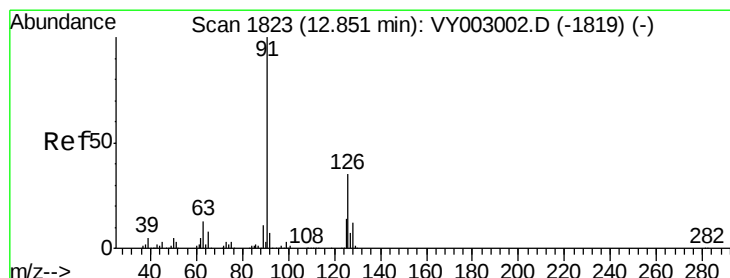
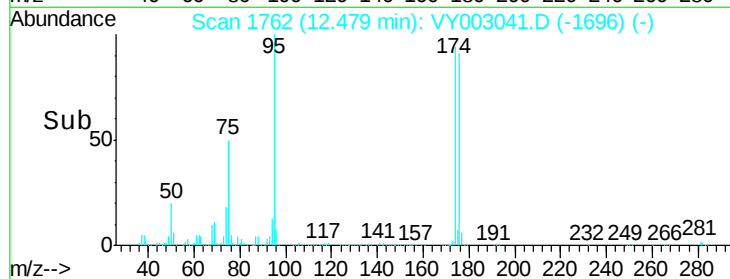
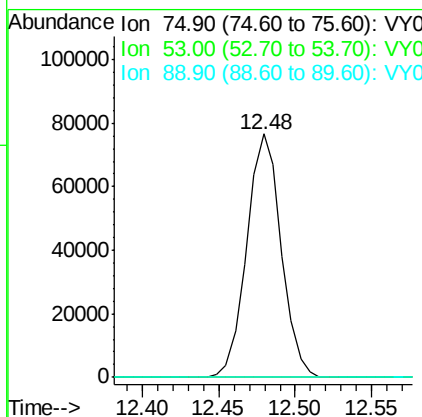
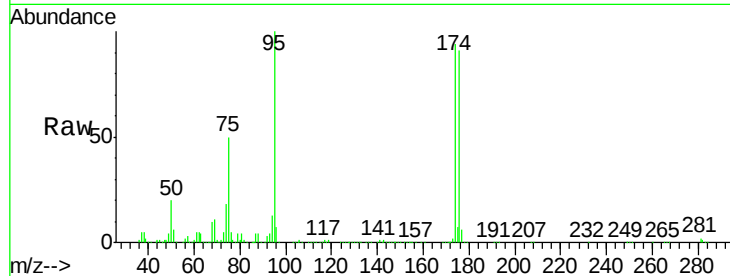




#81
trans-1,4-Dichloro-2-butene
Concen: 93.191 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Instrument :
MSVOA_Y
ClientSampleId :
SP2-K

Tot Ion: 75 Resp: 119352
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 4.618 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003041.D
Acq: 30 Jun 2020 17:39

Tgt Ion: 91 Resp: 53182
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.3

