

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002726.D
 Acq On : 20 May 2020 13:07
 Operator : SY/MD
 Sample : L2722-03
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	344563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	545624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250101	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	154376	57.28	ug/l	0.00
Spiked Amount			Recovery	=	114.56%	
35) Dibromofluoromethane	7.73	113	164661	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
50) Toluene-d8	10.18	98	636867	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.48	95	214052	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	

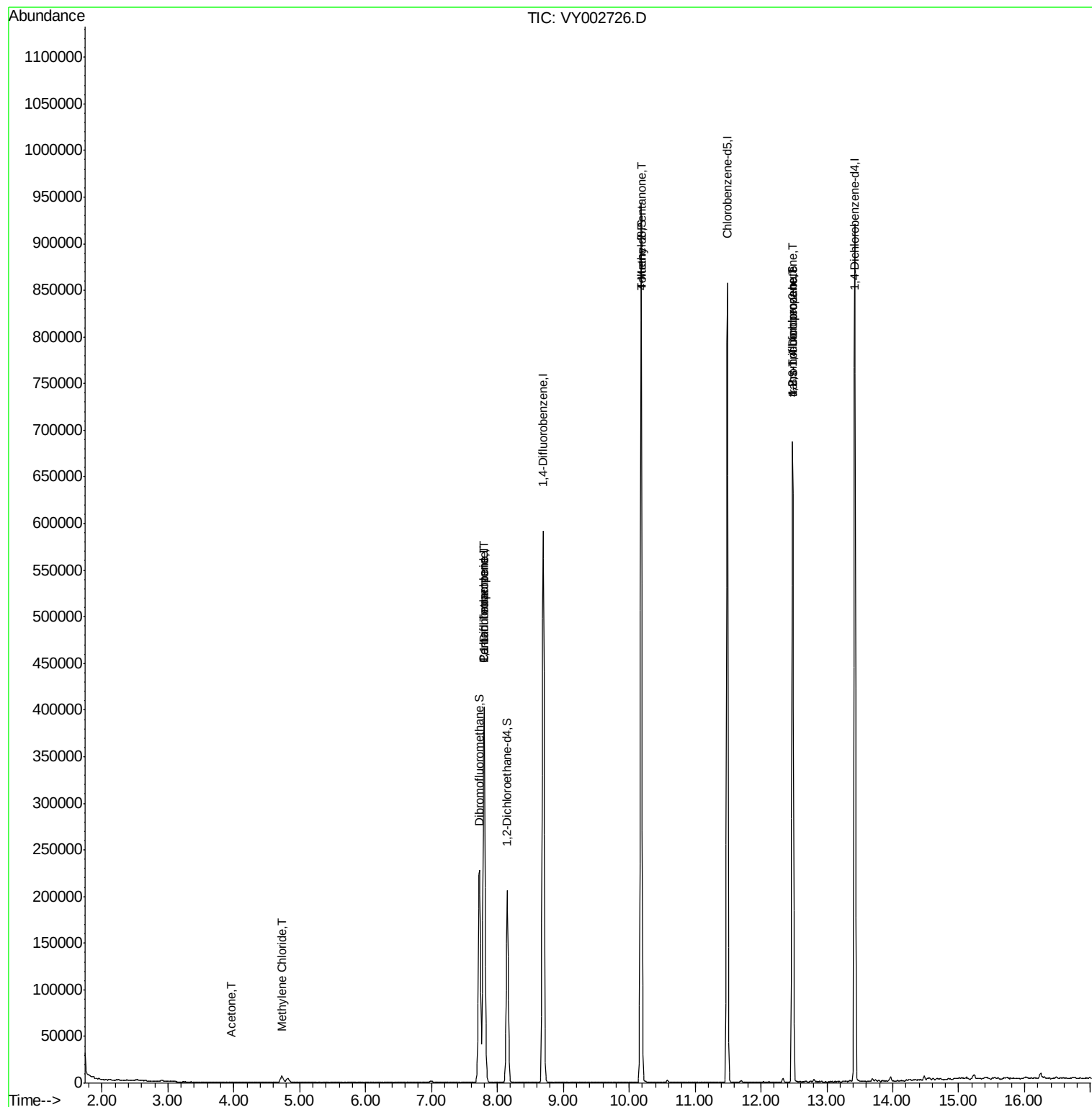
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	708	1.274	ug/l	89
20) Methylene Chloride	4.73	84	5532	1.647	ug/l	97
36) 1,1-Dichloropropene	7.80	75	20898	4.524	ug/l #	47
38) Carbon Tetrachloride	7.80	117	29805	6.004	ug/l #	16
51) 4-Methyl-2-Pentanone	10.18	43	2222	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	100426	48.881	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	100426	92.444	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.00	180	539	Below Cal		80
94) Hexachlorobutadiene	15.11	225	54	Below Cal	#	49
96) 1,2,3-Trichlorobenzene	15.42	180	579	Below Cal	#	78

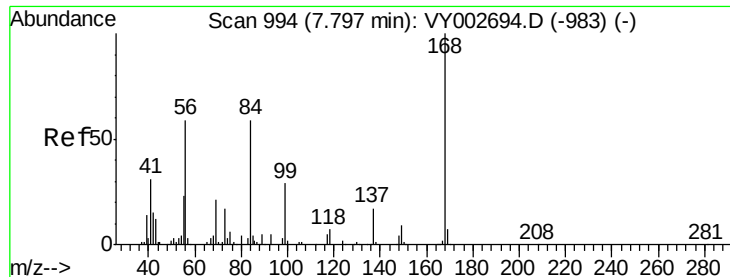
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 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: VY002726.D

Acq: 20 May 2020 13:07

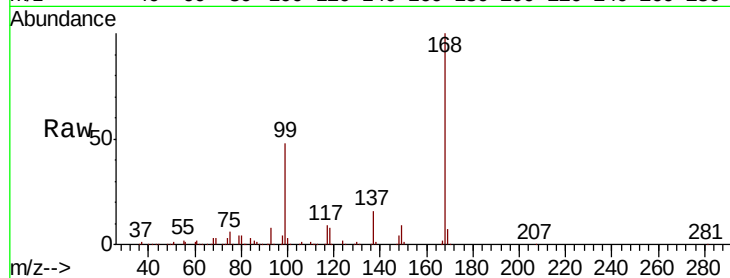
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 344563

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002726.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002726.D (-945) (-)

7.80

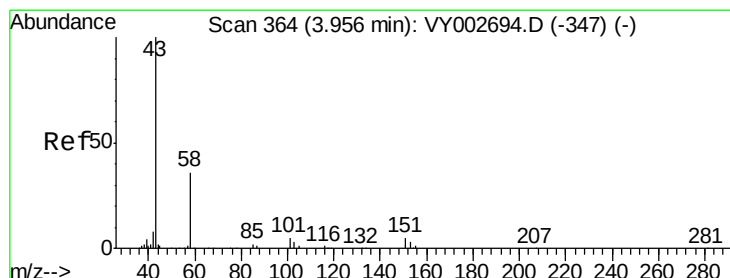
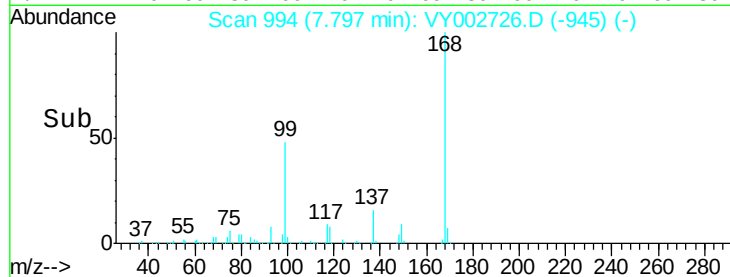
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.274 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002726.D

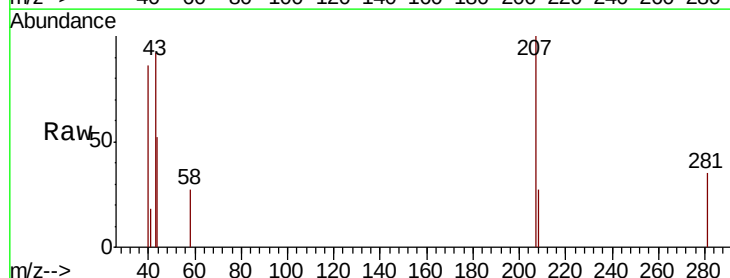
Acq: 20 May 2020 13:07

Tgt Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

58 29.3 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002726.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002726.D (-315) (-)

3.96

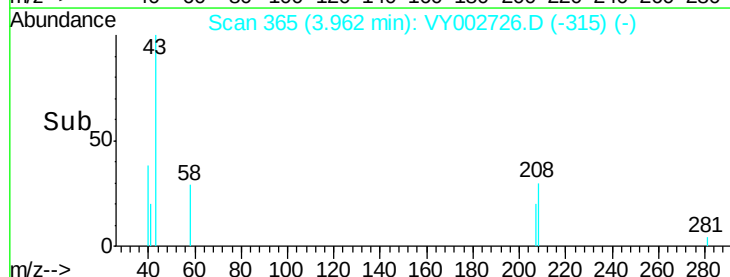
300

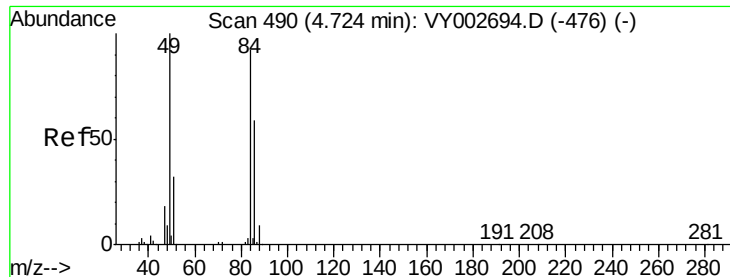
200

100

0

Time-->

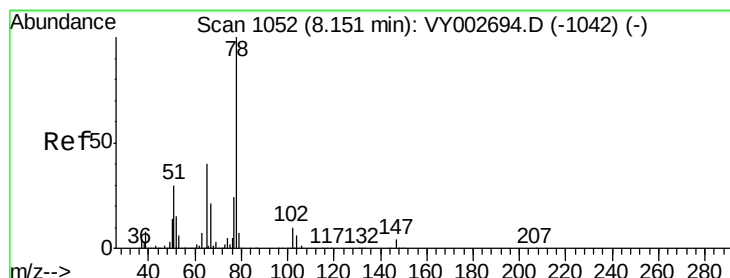
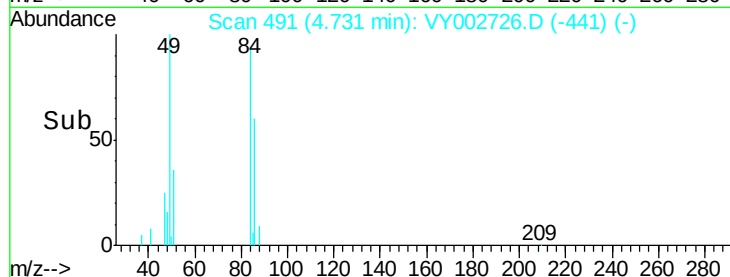
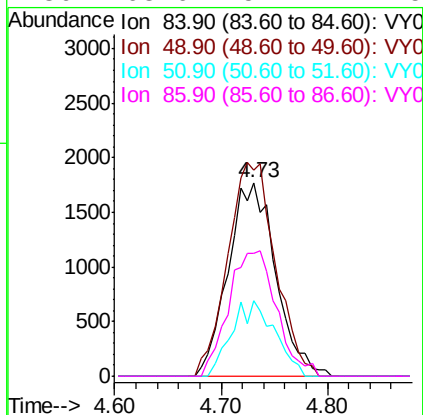
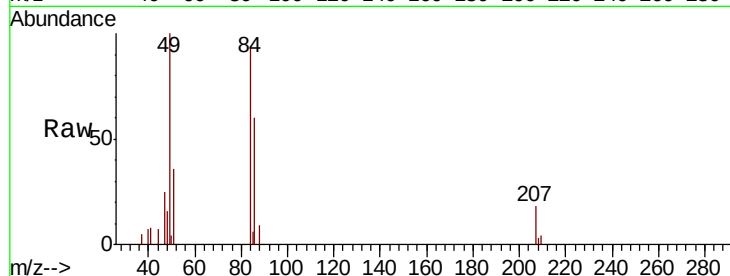




#20
Methylene Chloride
Concen: 1.647 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002726.D
Acq: 20 May 2020 13:07

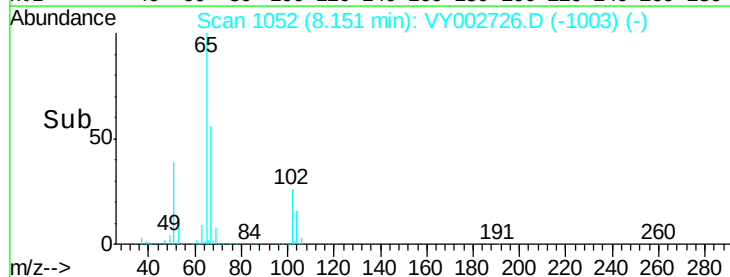
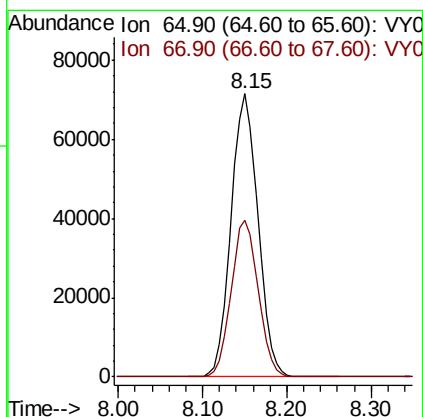
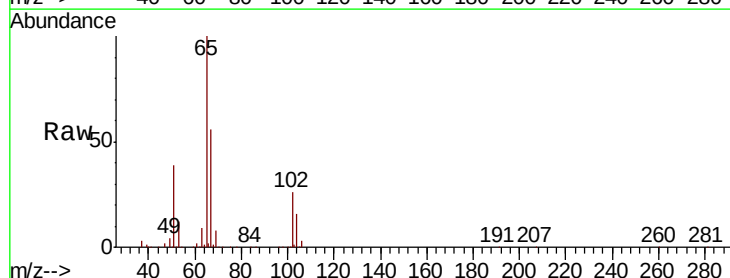
Instrument :
MSVOA_Y
ClientSampleId :

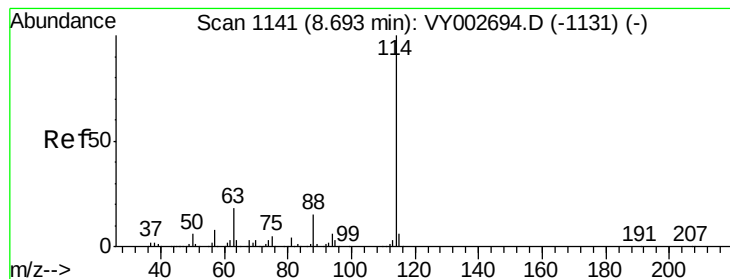
Tot Ion:	84	Resp:	5532
Ion	Ratio	Lower	Upper
84	100		
49	106.6	87.4	131.0
51	38.8	27.9	41.9
86	63.6	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: 57.278 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002726.D
Acq: 20 May 2020 13:07

Tgt Ion:	65	Resp:	154376
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

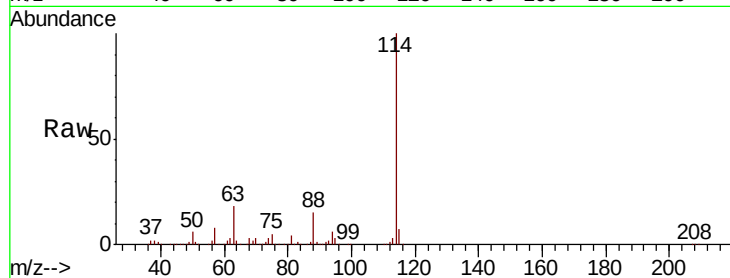
Tot Ion:114 Resp: 545624

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.4

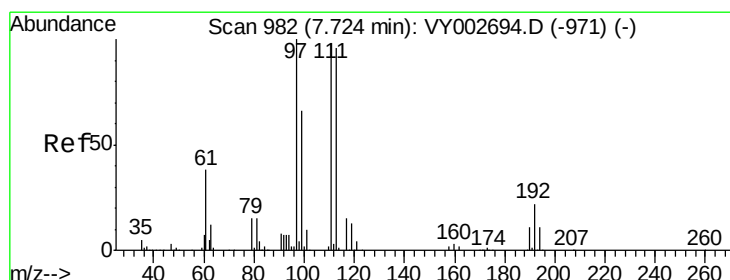
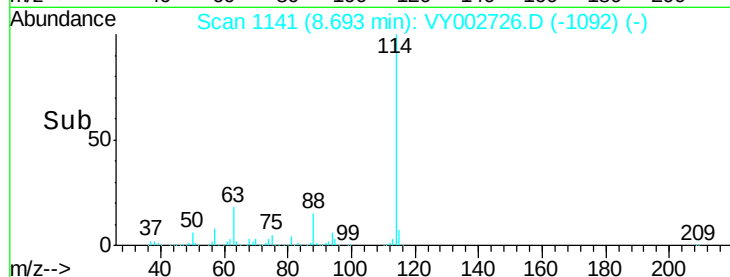
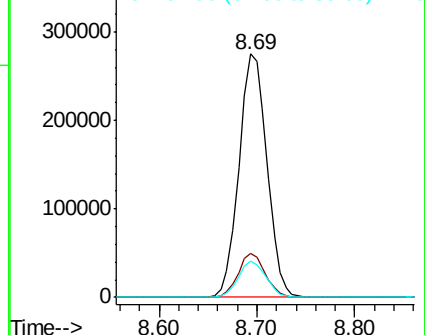
88 14.9 0.0 29.4



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: 54.683 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

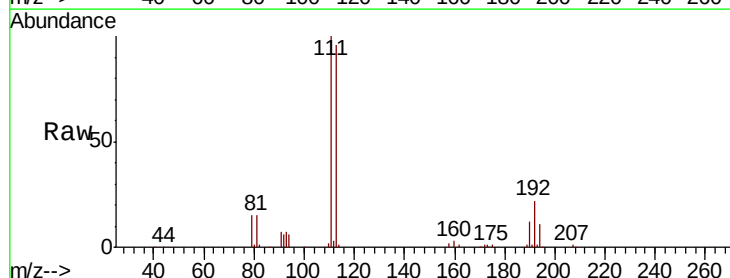
Tgt Ion:113 Resp: 164661

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

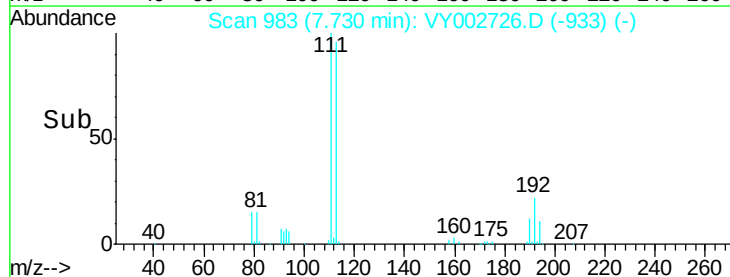
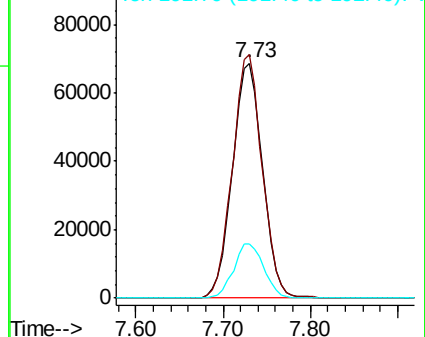
192 23.2 18.6 27.8

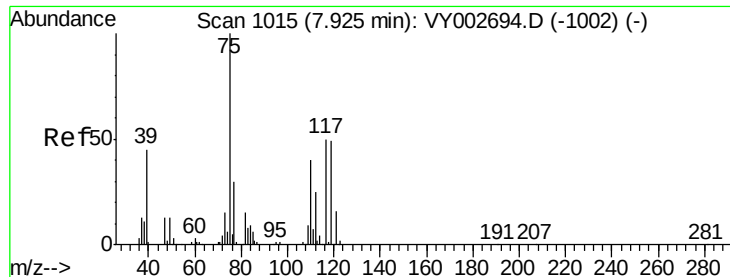


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

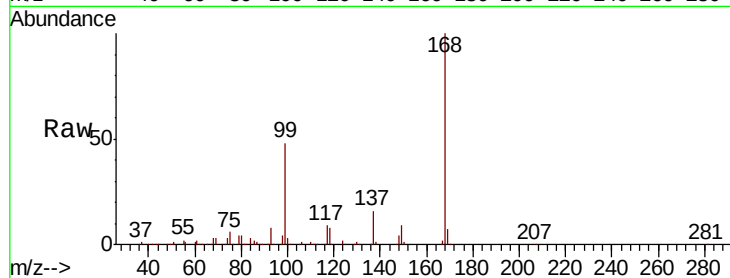
Tot Ion: 75 Resp: 20898

Ion Ratio Lower Upper

75 100

110 8.8 19.4 58.4#

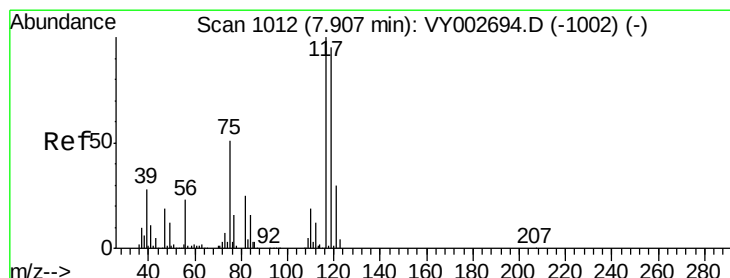
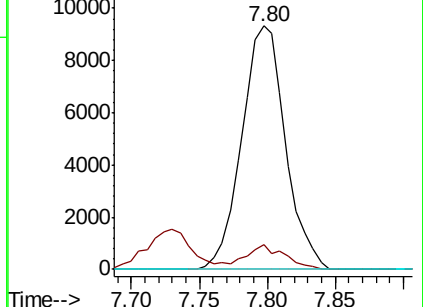
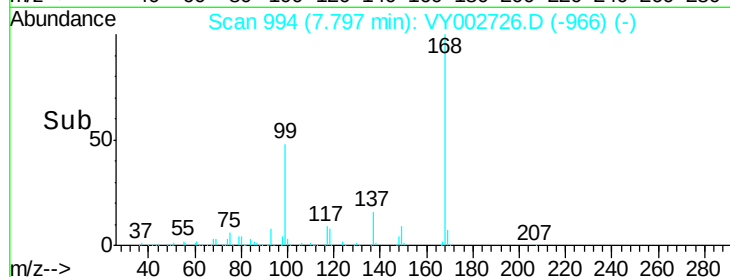
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY002726.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002726.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002726.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

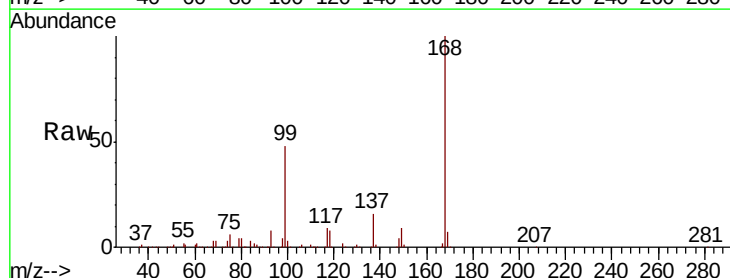
Tgt Ion: 117 Resp: 29805

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

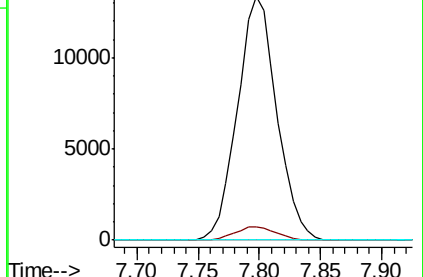
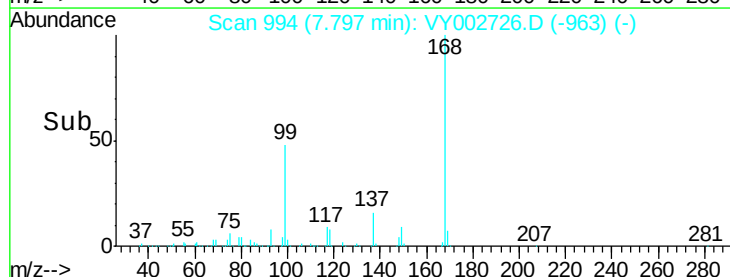
121 0.0 24.2 36.2#

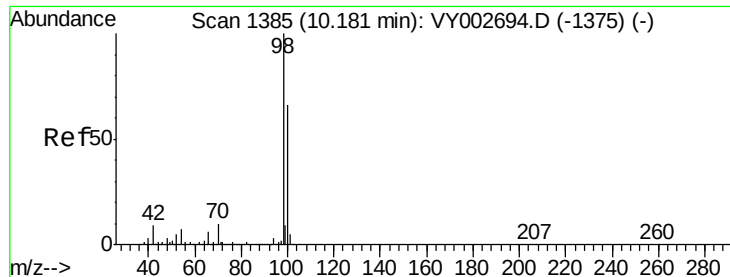


Abundance Ion 116.80 (116.50 to 117.50): VY002726.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002726.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002726.D (-963) (-)





#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

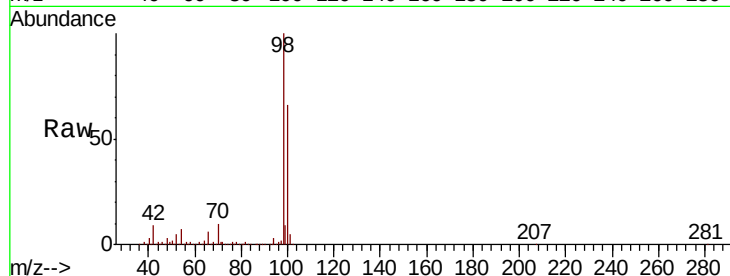
ClientSampleId :

Tot Ion: 98 Resp: 636867

Ion Ratio Lower Upper

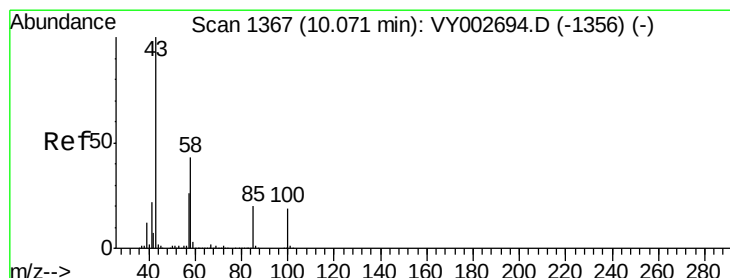
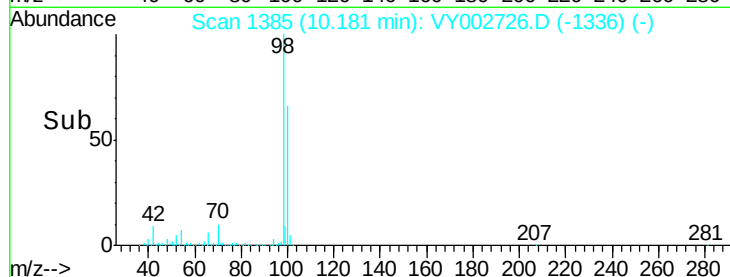
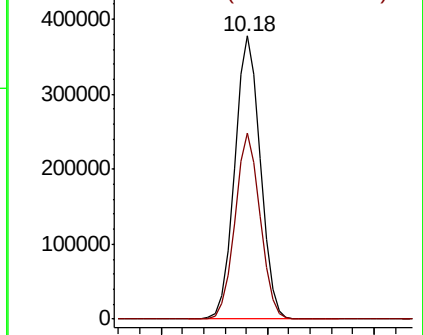
98 100

100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#51

4-Methyl-2-Pentanone

Concen: 1.019 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY002726.D

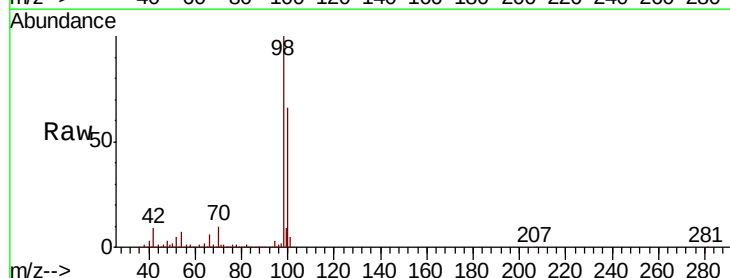
Acq: 20 May 2020 13:07

Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

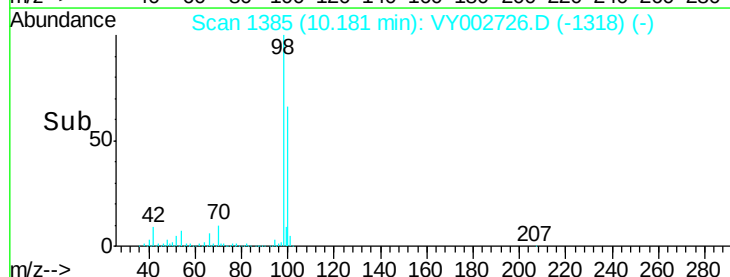
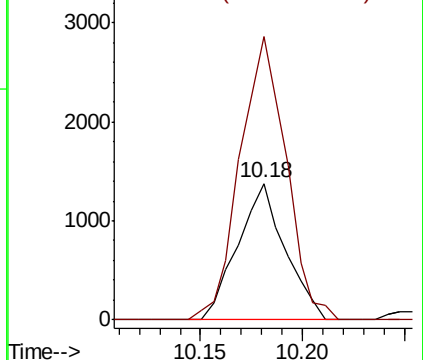
43 100

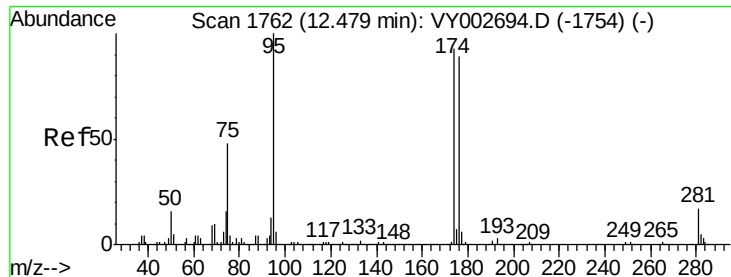
58 202.3 34.1 51.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#62

4-Bromofluorobenzene

Concen: 51.371 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

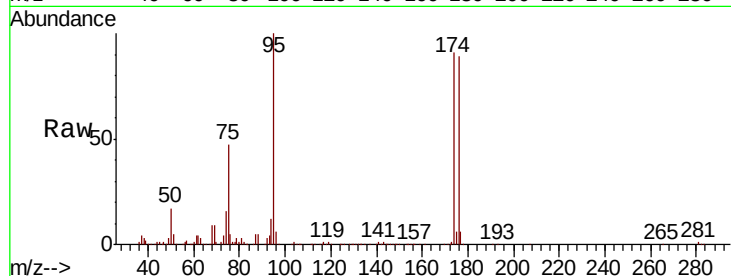
Tot Ion: 95 Resp: 214052

Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.4

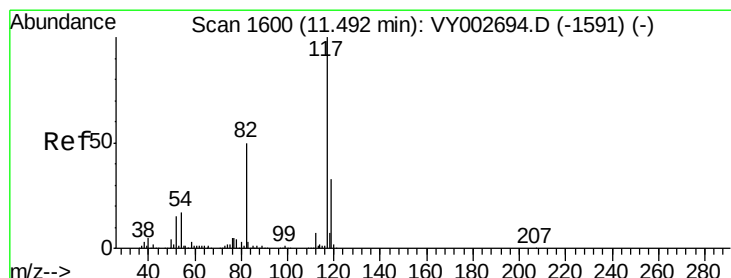
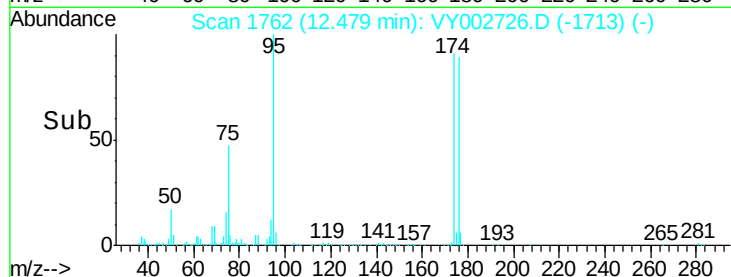
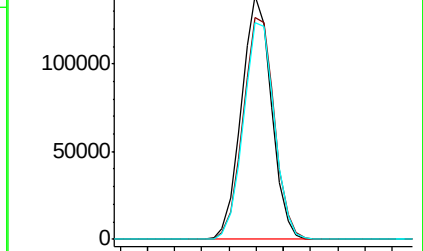
176 91.5 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002726.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002726.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002726.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

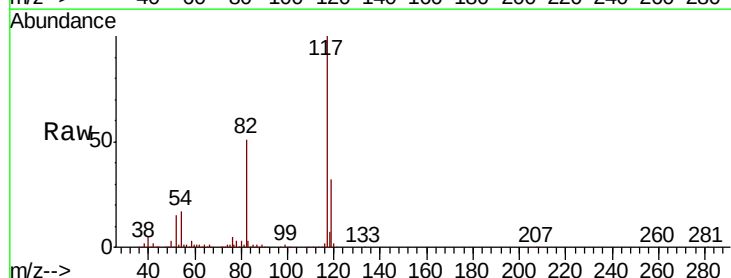
Tgt Ion: 117 Resp: 496063

Ion Ratio Lower Upper

117 100

82 50.9 40.3 60.5

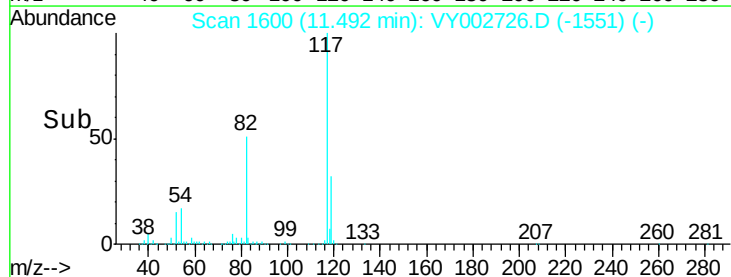
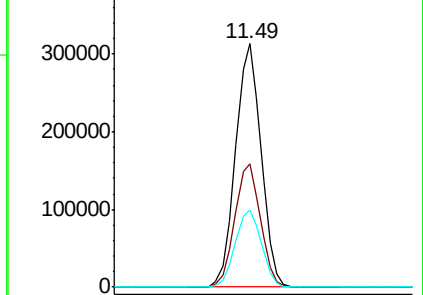
119 31.6 26.2 39.4

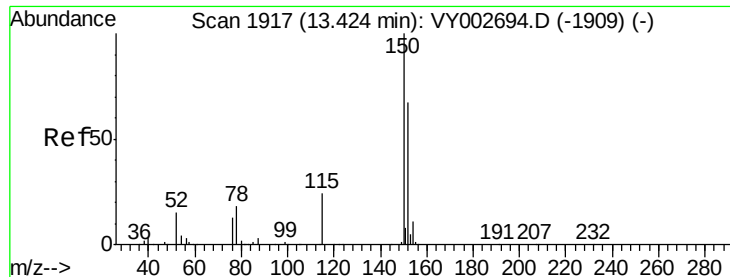


Abundance Ion 116.90 (116.60 to 117.60): VY002726.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002726.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002726.D (-1551) (-)

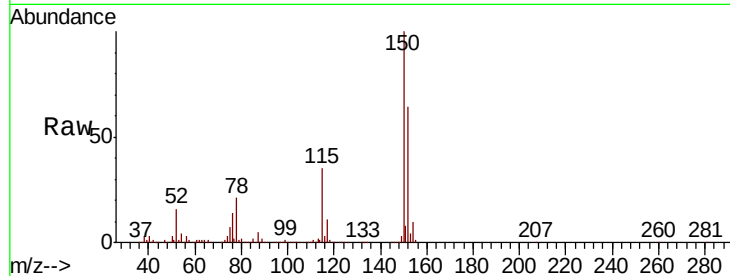




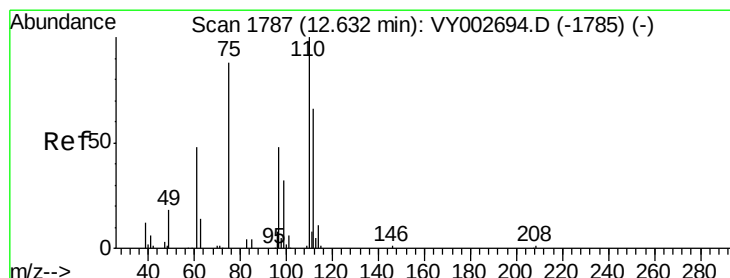
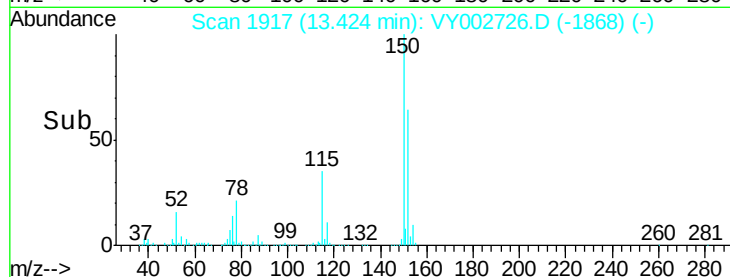
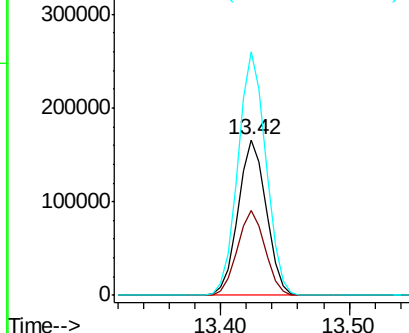
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY002726.D
 Acq: 20 May 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.2	81.6
150	156.1	0.0	343.8

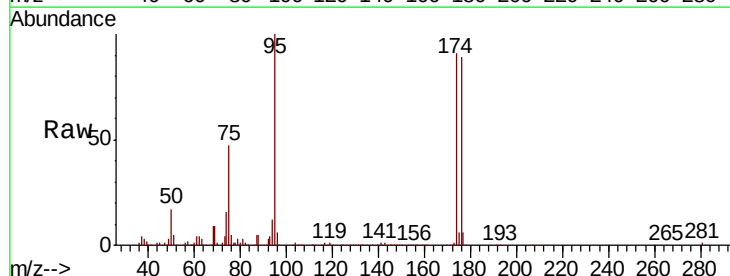


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

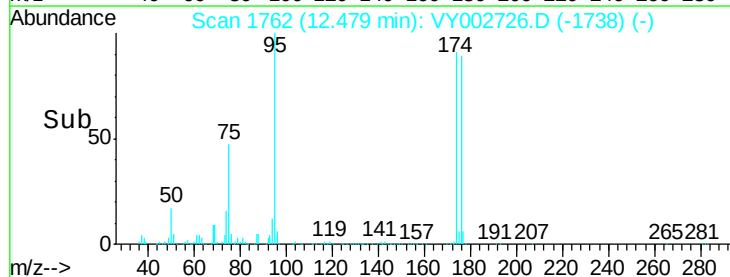
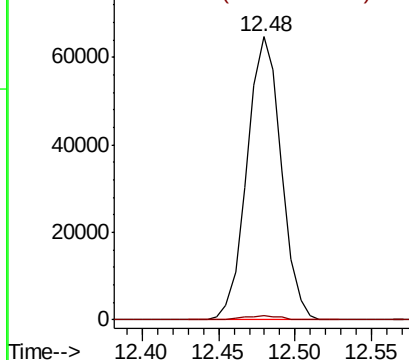


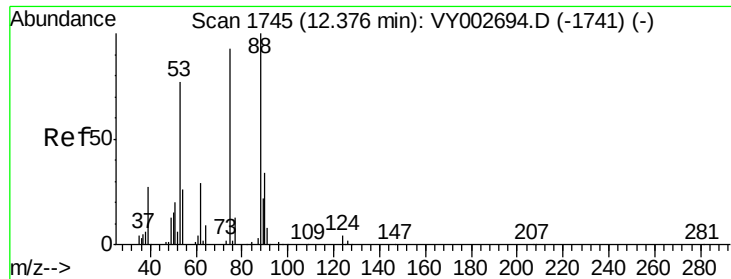
#76
 1,2,3-Trichloropropane
 Concen: 48.881 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002726.D
 Acq: 20 May 2020 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	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: 92.444 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

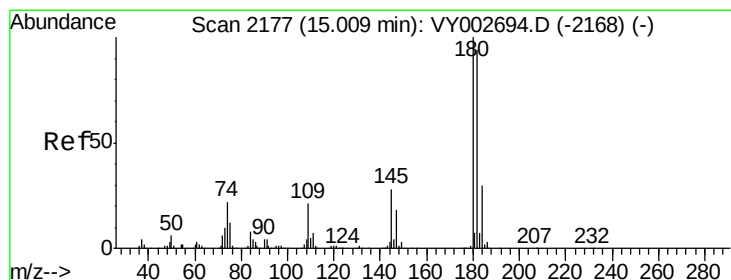
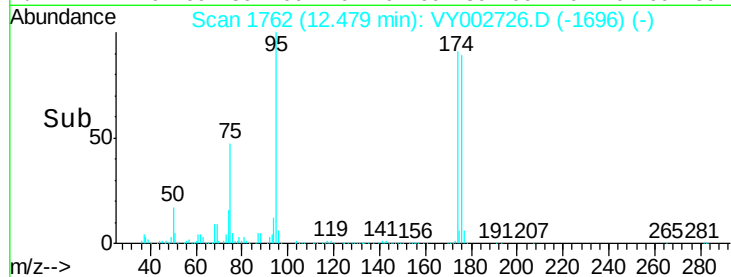
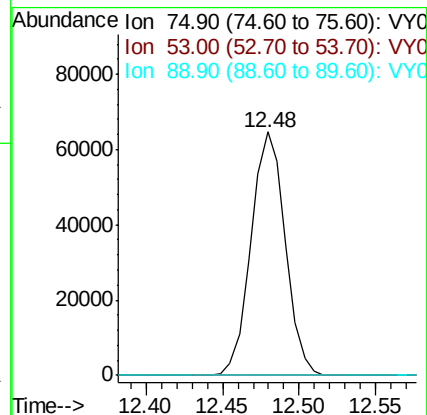
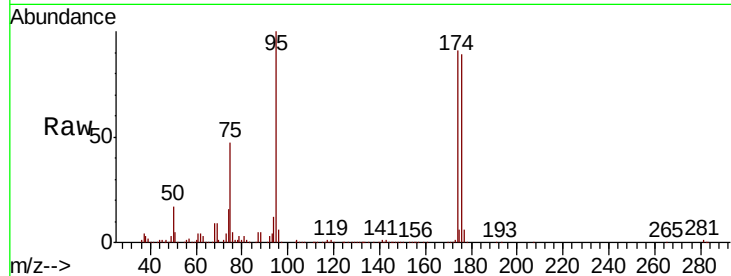
Tot Ion: 75 Resp: 100426

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.6#

89 0.0 66.6 99.8#



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

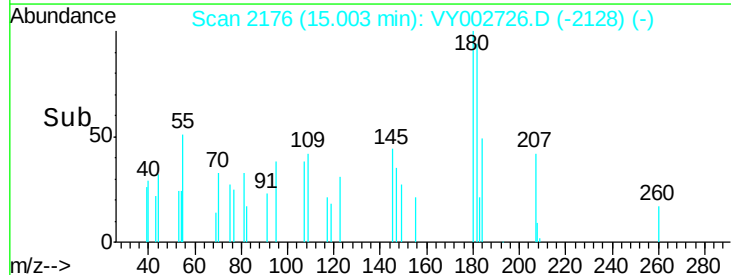
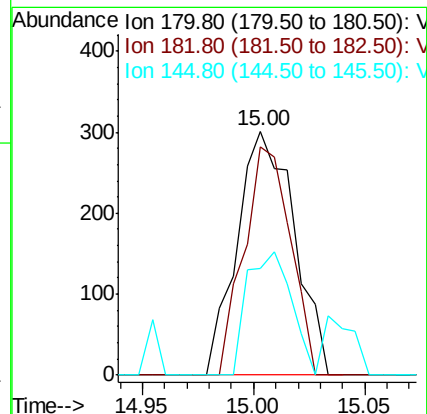
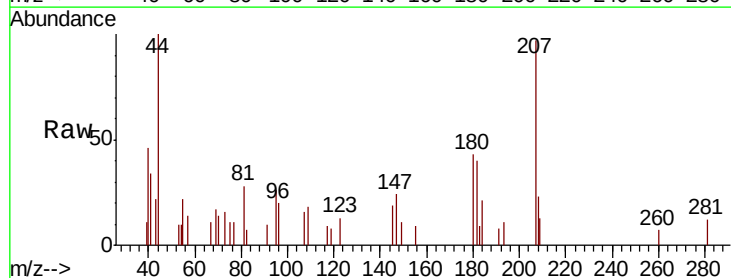
Tgt Ion: 180 Resp: 539

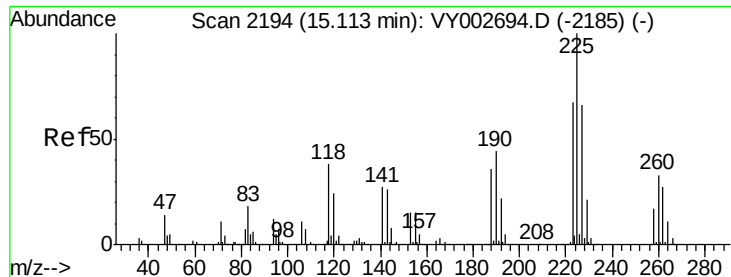
Ion Ratio Lower Upper

180 100

182 75.9 47.3 142.0

145 39.1 14.1 42.2





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.11 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampled :

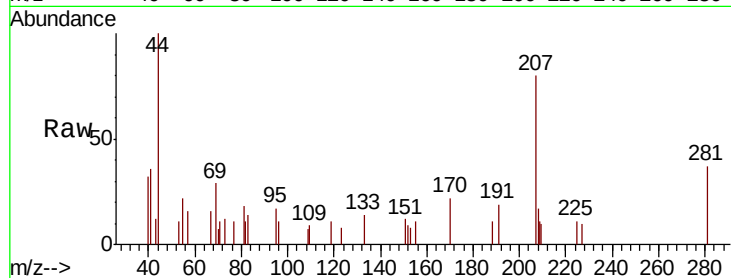
Tot Ion:225 Resp: 54

Ion Ratio Lower Upper

225 100

223 0.0 31.6 94.8#

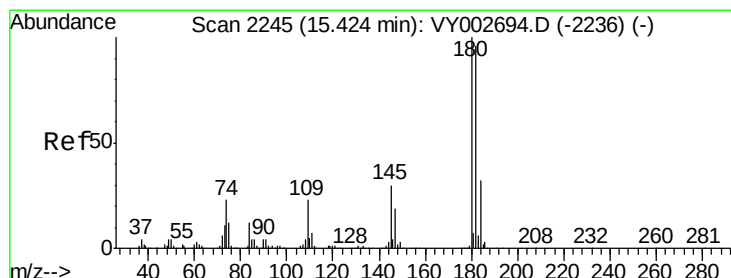
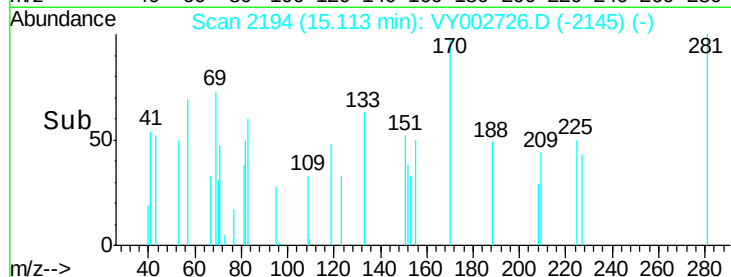
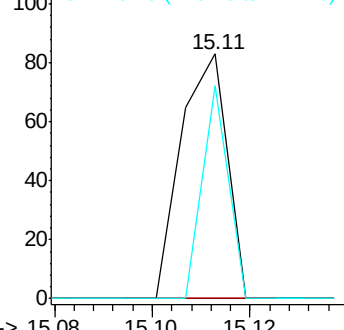
227 48.1 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: Below Cal

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

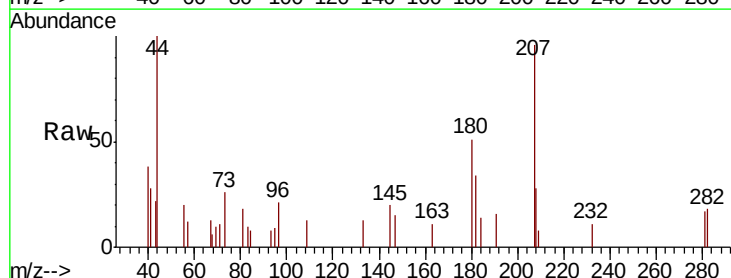
Tgt Ion:180 Resp: 579

Ion Ratio Lower Upper

180 100

182 76.0 47.6 142.9

145 45.4 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

