

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003244.D
 Acq On : 20 Jul 2020 20:02
 Operator : SY/MD
 Sample : L3308-18RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18

Quant Time: Jul 21 03:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

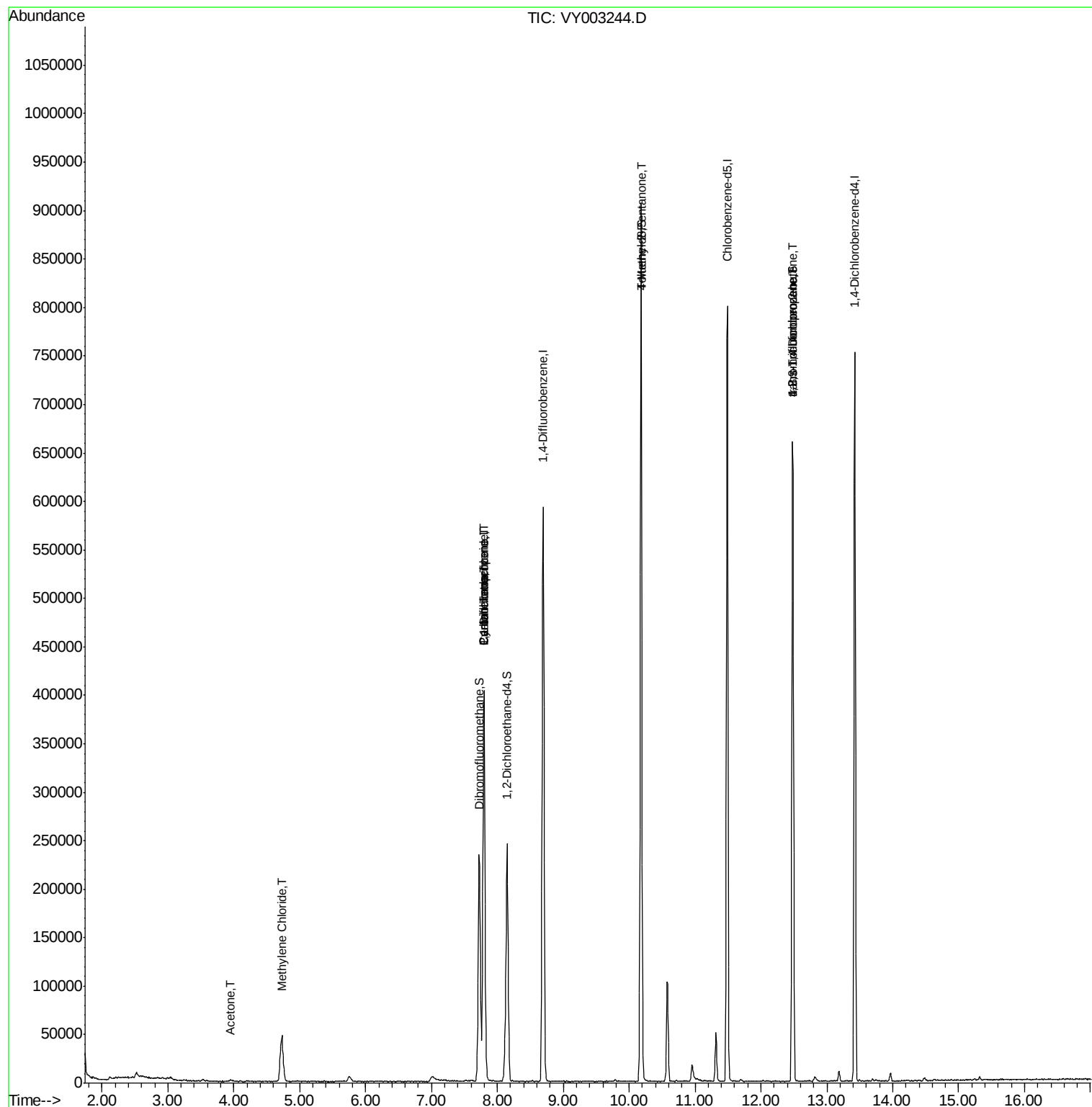
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	494025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	181166	66.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.50%	
35) Dibromofluoromethane	7.72	113	161727	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.78%	
50) Toluene-d8	10.18	98	583074	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.48	95	177446	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	2731	4.471	ug/l #	83
20) Methylene Chloride	4.73	84	35263	6.717	ug/l	95
31) Cyclohexane	7.80	56	6583	1.324	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	24116	5.386	ug/l #	51
38) Carbon Tetrachloride	7.80	117	29154	6.307	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	2868	1.182	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	93424	56.140	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93424	109.259	ug/l #	13

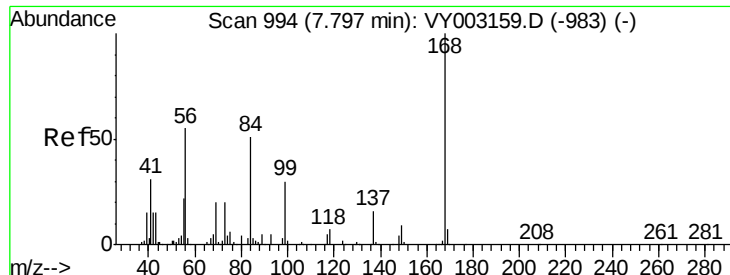
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

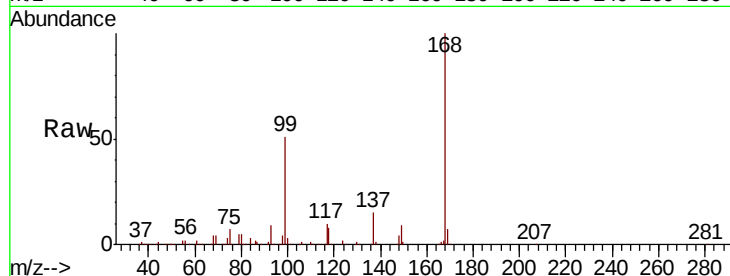
18

Tot Ion:168 Resp: 323988

Ion Ratio Lower Upper

168 100

99 51.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

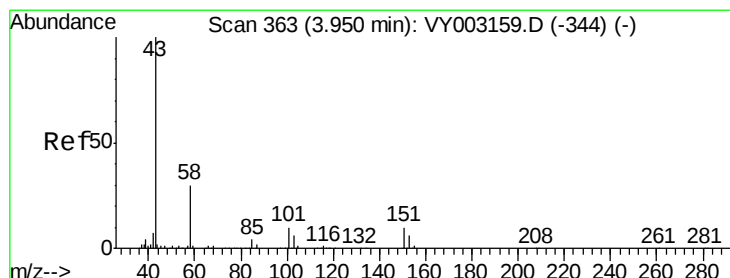
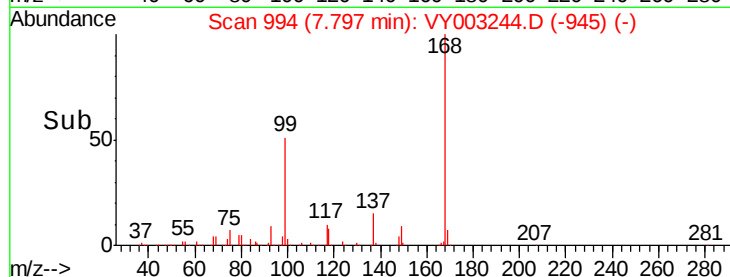
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.471 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003244.D

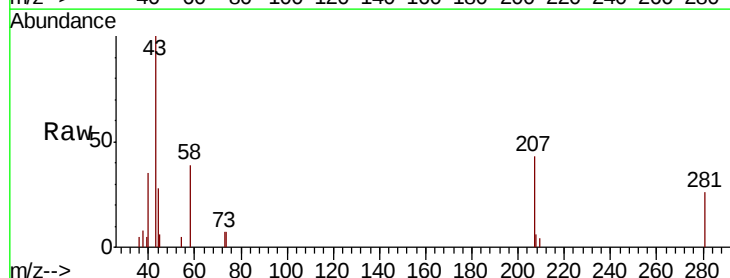
Acq: 20 Jul 2020 20:02

Tgt Ion: 43 Resp: 2731

Ion Ratio Lower Upper

43 100

58 38.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

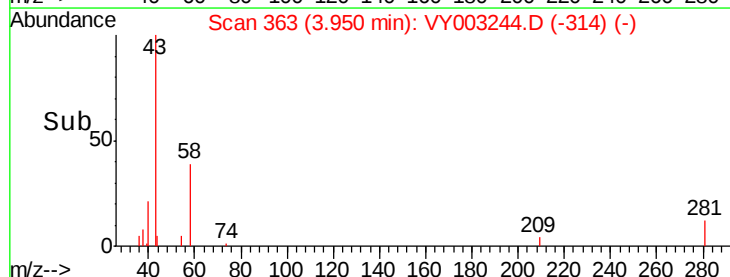
3.95

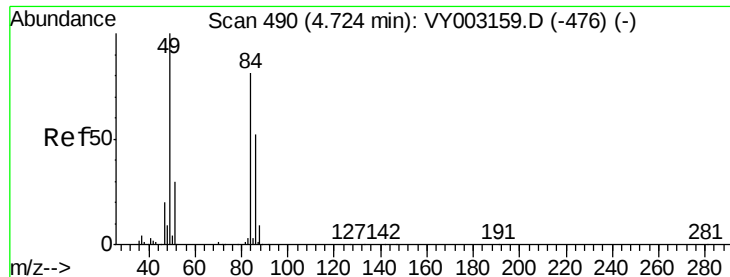
1000

500

0

Time-->

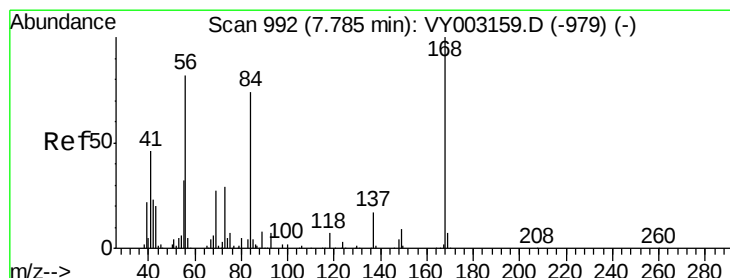
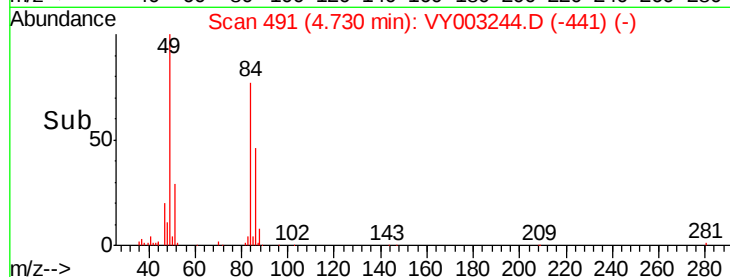
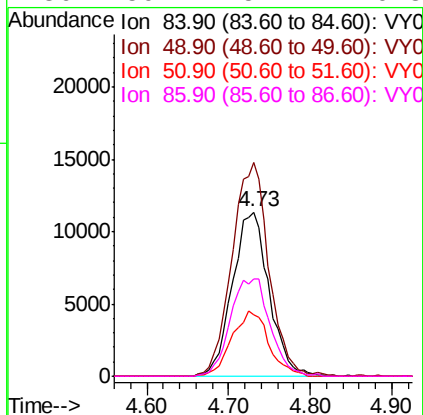
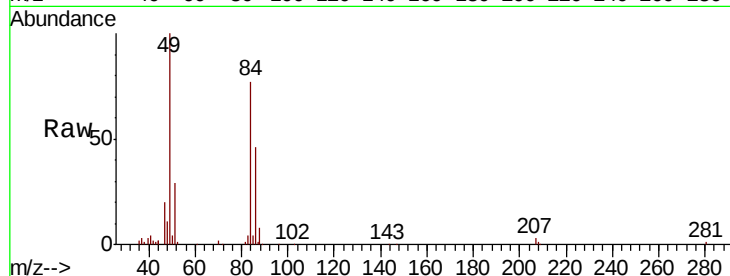




#20
Methvlene Chloride
Concen: 6.717 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003244.D
Acq: 20 Jul 2020 20:02

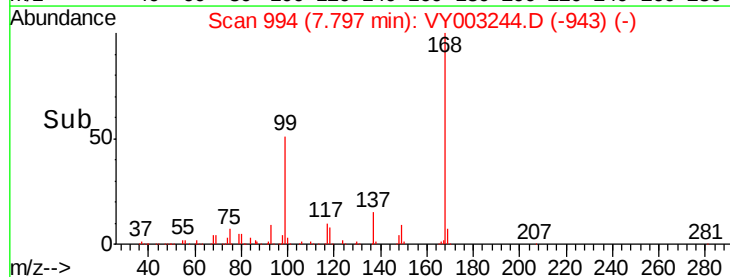
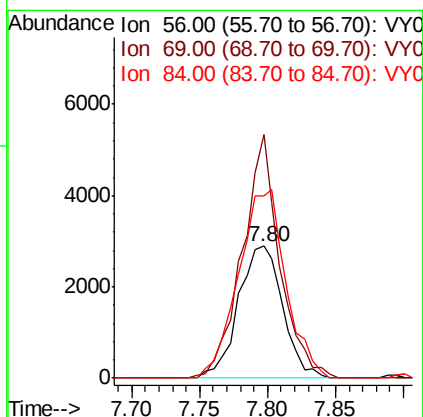
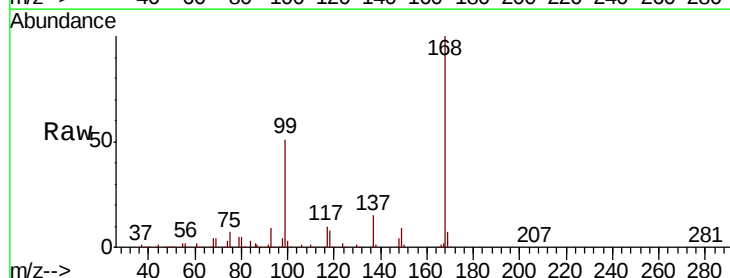
Instrument :
MSVOA_Y
ClientSampleId :
18

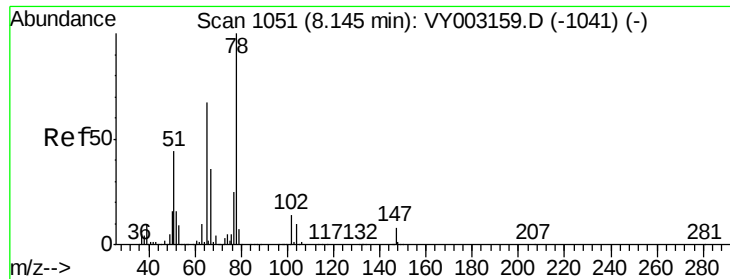
Tot Ion:	84	Resp:	35263
Ion	Ratio	Lower	Upper
84	100		
49	130.2	98.2	147.4
51	37.2	29.8	44.6
86	59.7	51.2	76.8



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003244.D
Acq: 20 Jul 2020 20:02

Tgt Ion:	56	Resp:	6583
Ion	Ratio	Lower	Upper
56	100		
69	184.7	26.7	40.1#
84	137.8	72.3	108.5#

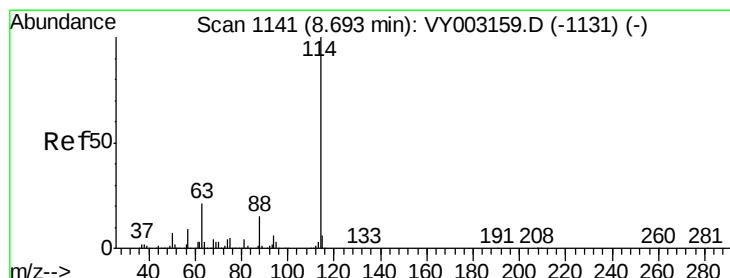
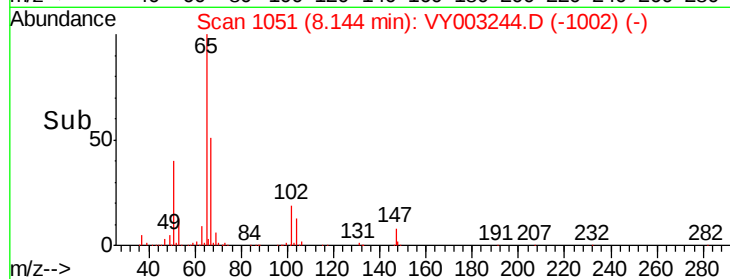
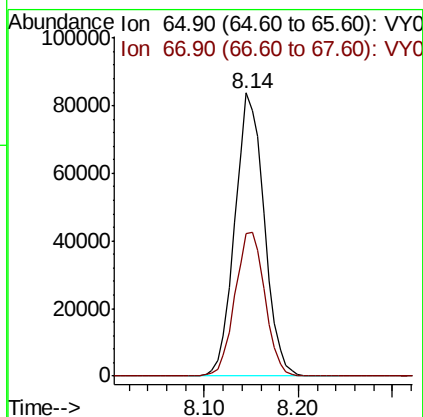
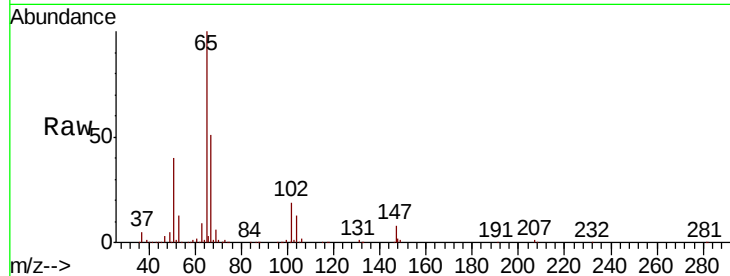




#33
 1,2-Dichloroethane-d4
 Concen: 66.250 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003244.D
 Acq: 20 Jul 2020 20:02

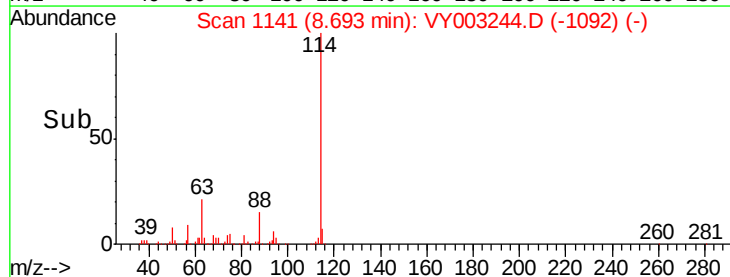
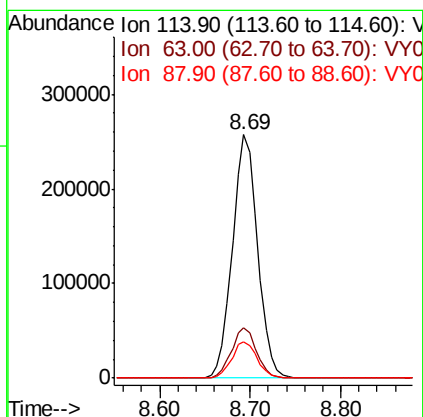
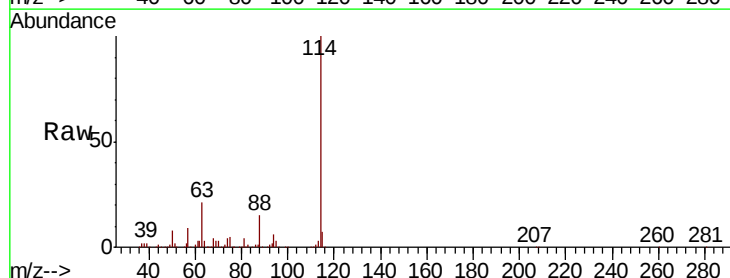
Instrument :
 MSVOA_Y
 ClientSampleId :
 18

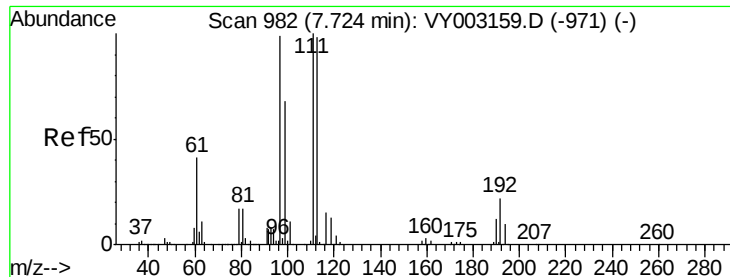
Tot Ion: 65 Resp: 181166
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003244.D
 Acq: 20 Jul 2020 20:02

Tgt Ion: 114 Resp: 494025
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.0 0.0 30.2

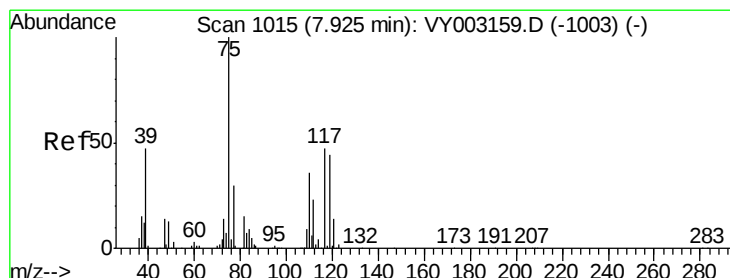
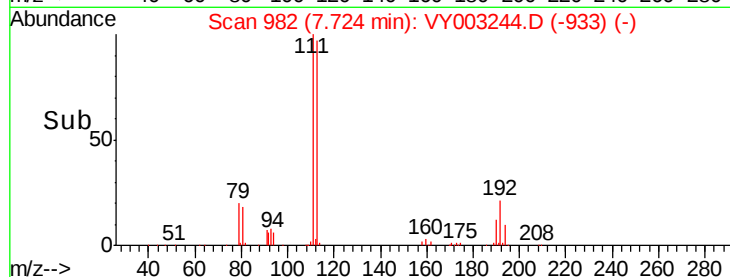
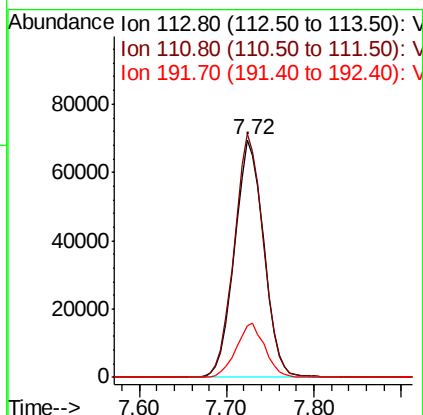
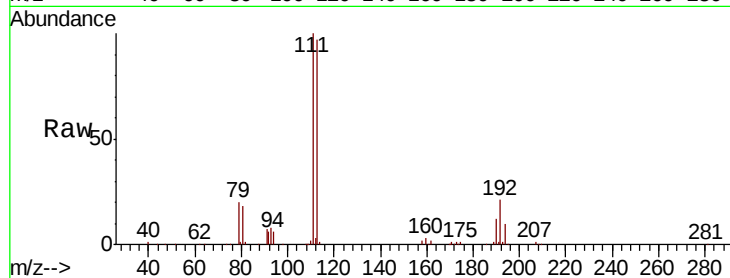




#35
 Dibromofluoromethane
 Concen: 56.886 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003244.D
 Acq: 20 Jul 2020 20:02

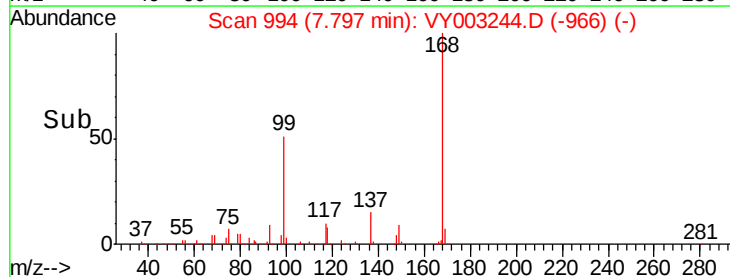
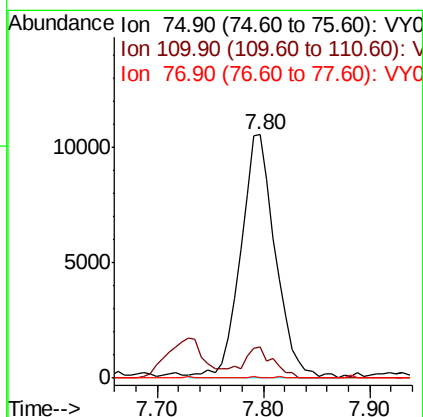
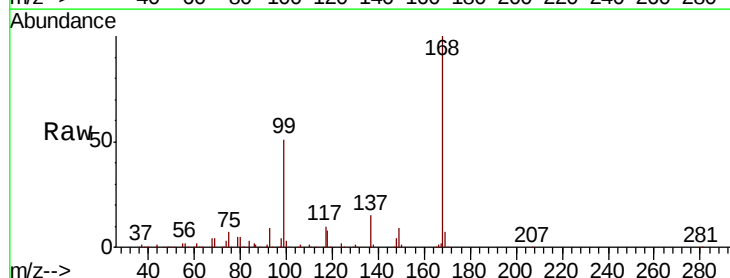
Instrument :
 MSVOA_Y
 ClientSampleId :
 18

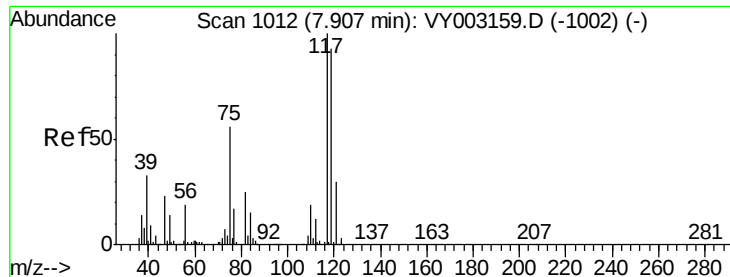
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.386 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003244.D
 Acq: 20 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.307 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

18

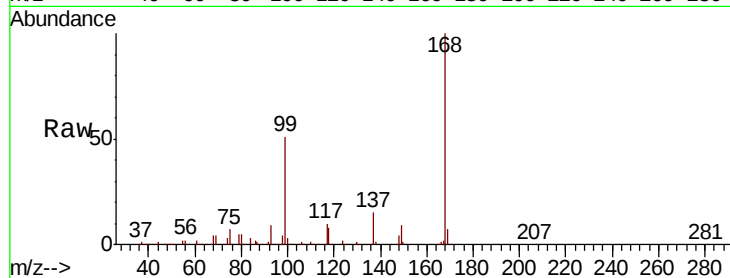
Tot Ion:117 Resp: 29154

Ion Ratio Lower Upper

117 100

119 4.3 74.5 111.7#

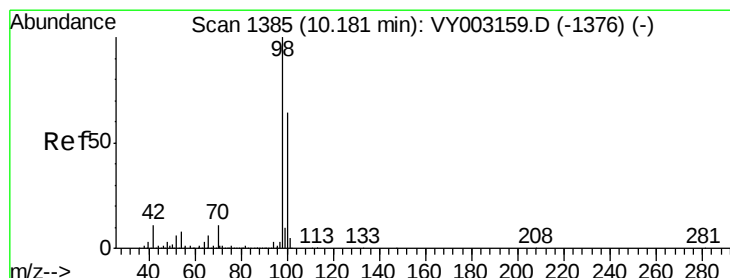
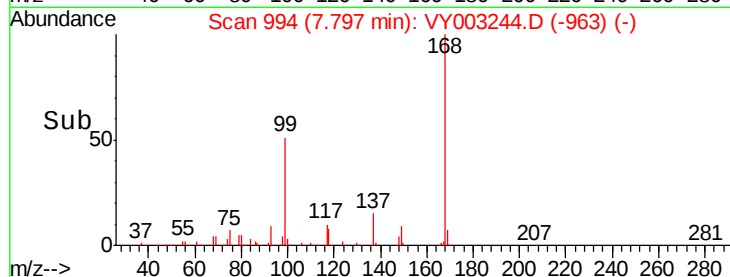
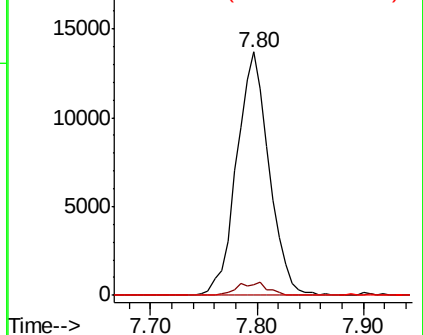
121 0.0 24.2 36.2#



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: 55.164 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003244.D

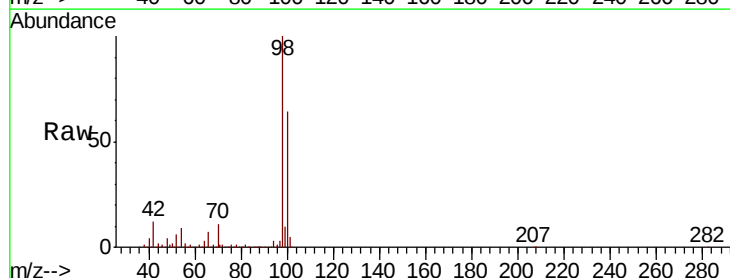
Acq: 20 Jul 2020 20:02

Tgt Ion: 98 Resp: 583074

Ion Ratio Lower Upper

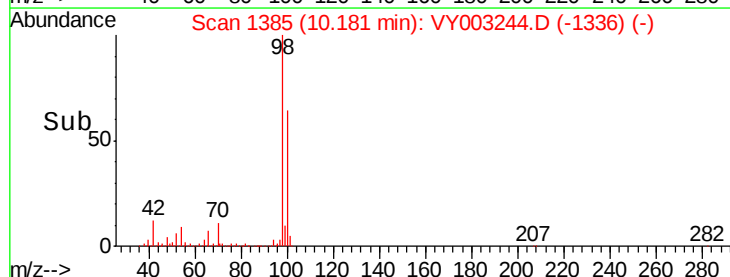
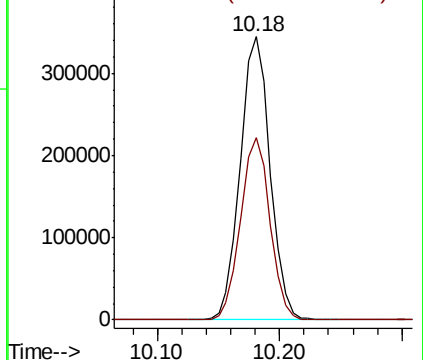
98 100

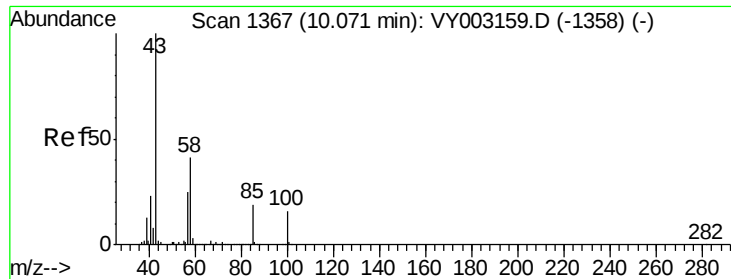
100 63.8 50.7 76.1



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: 1.182 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

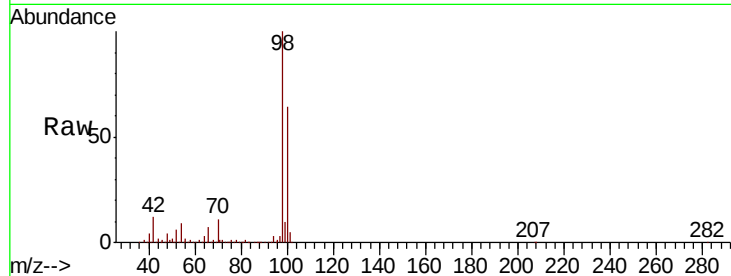
18

Tot Ion: 43 Resp: 2868

Ion Ratio Lower Upper

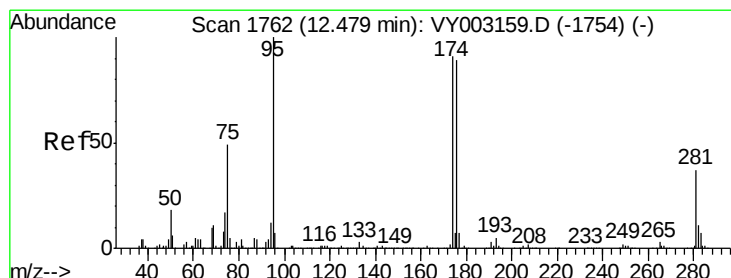
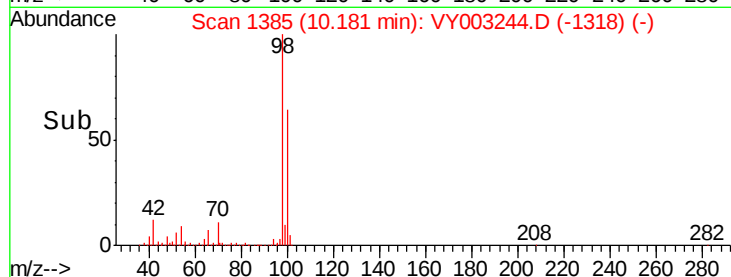
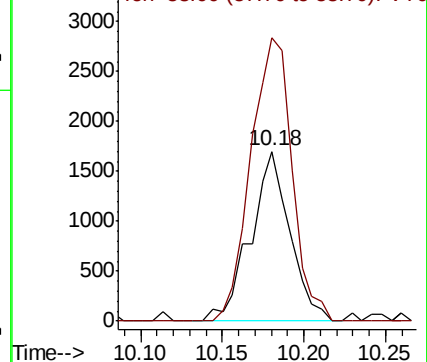
43 100

58 174.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 46.471 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

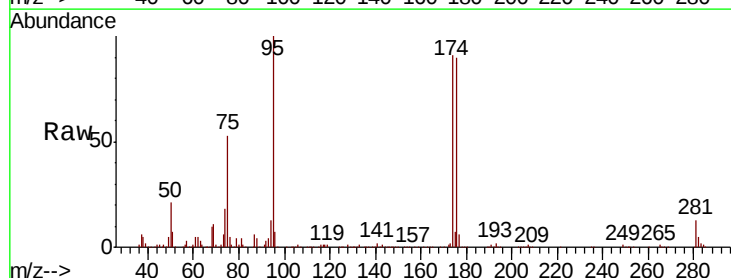
Tgt Ion: 95 Resp: 177446

Ion Ratio Lower Upper

95 100

174 94.8 0.0 190.6

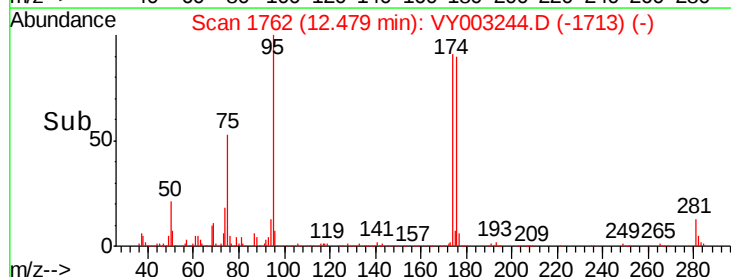
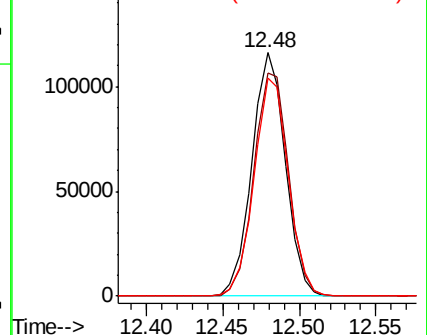
176 91.4 0.0 186.4

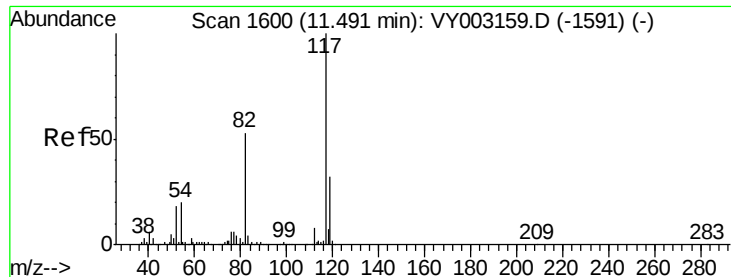


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

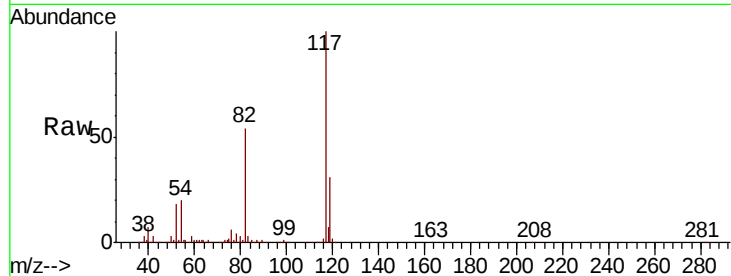




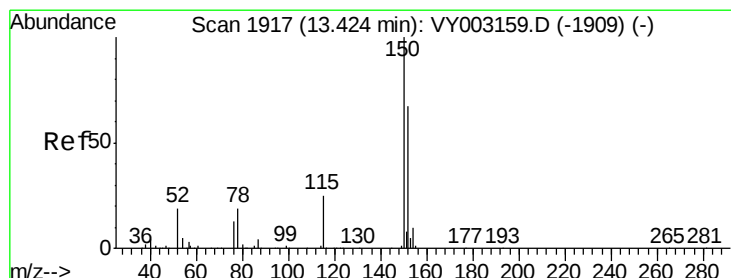
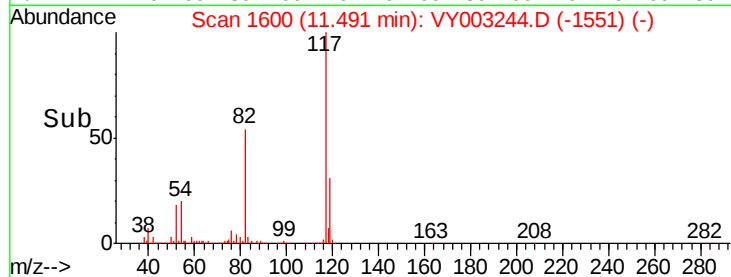
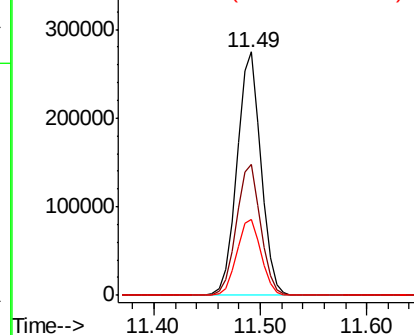
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003244.D
Acq: 20 Jul 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
18

Tot Ion:117 Resp: 432410
Ion Ratio Lower Upper
117 100
82 54.0 42.0 63.0
119 31.4 25.5 38.3

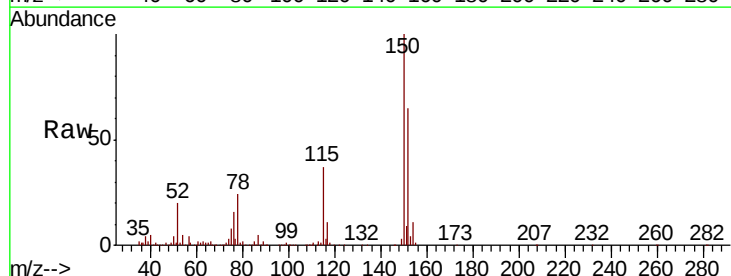


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

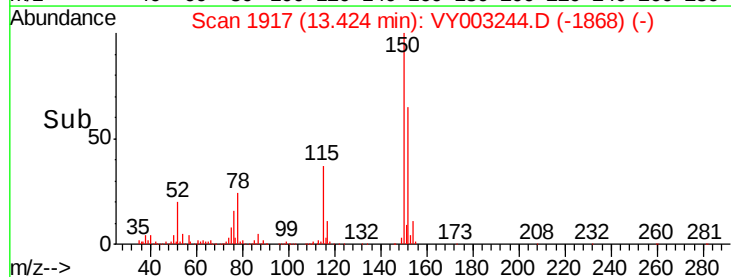
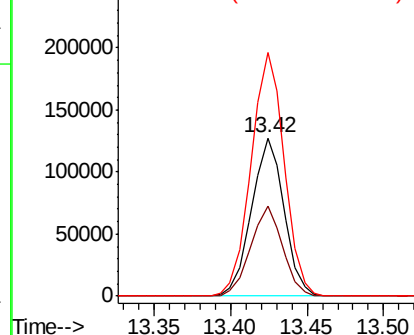


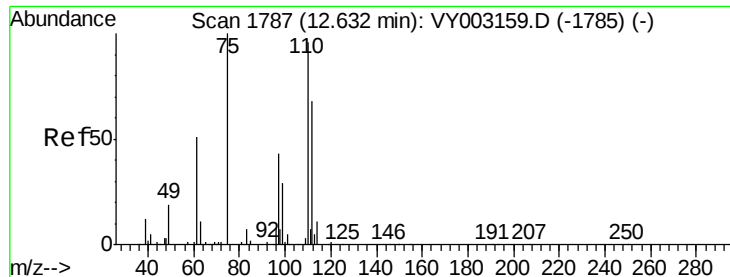
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003244.D
Acq: 20 Jul 2020 20:02

Tgt Ion:152 Resp: 188001
Ion Ratio Lower Upper
152 100
115 55.7 26.9 80.7
150 157.0 0.0 338.0



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: 56.140 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

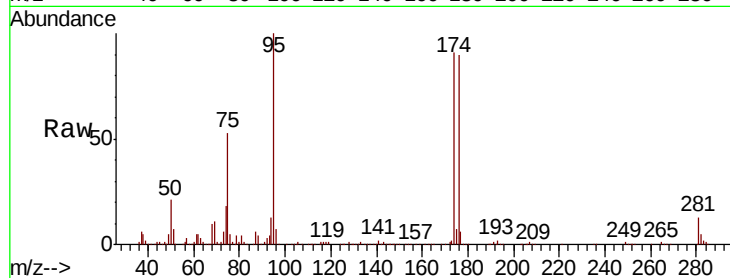
18

Tot Ion: 75 Resp: 93424

Ion Ratio Lower Upper

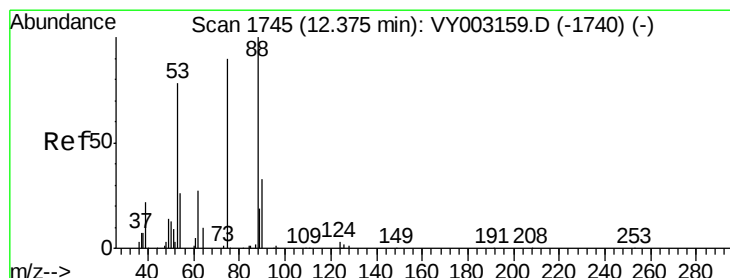
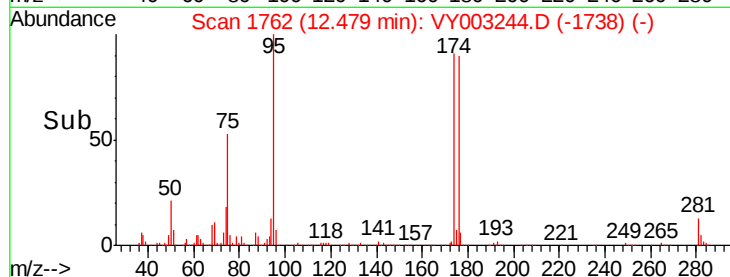
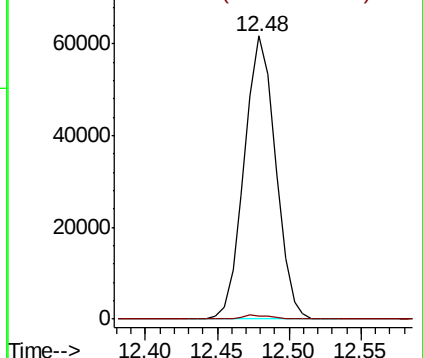
75 100

77 1.3 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: 109.259 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003244.D

Acq: 20 Jul 2020 20:02

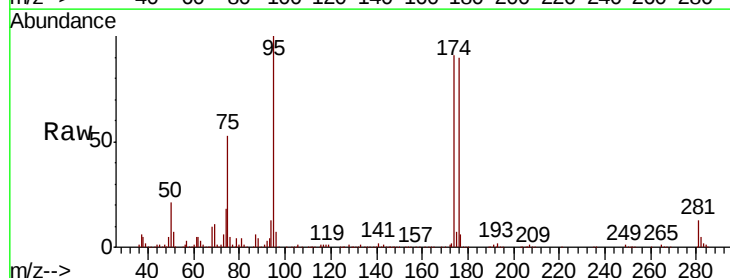
Tgt Ion: 75 Resp: 93424

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.3 37.3 55.9#



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

