

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000155.D
 Acq On : 26 Sep 2019 16:15
 Operator : SY/MD
 Sample : K5038-08
 Misc : 6.97g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 16:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

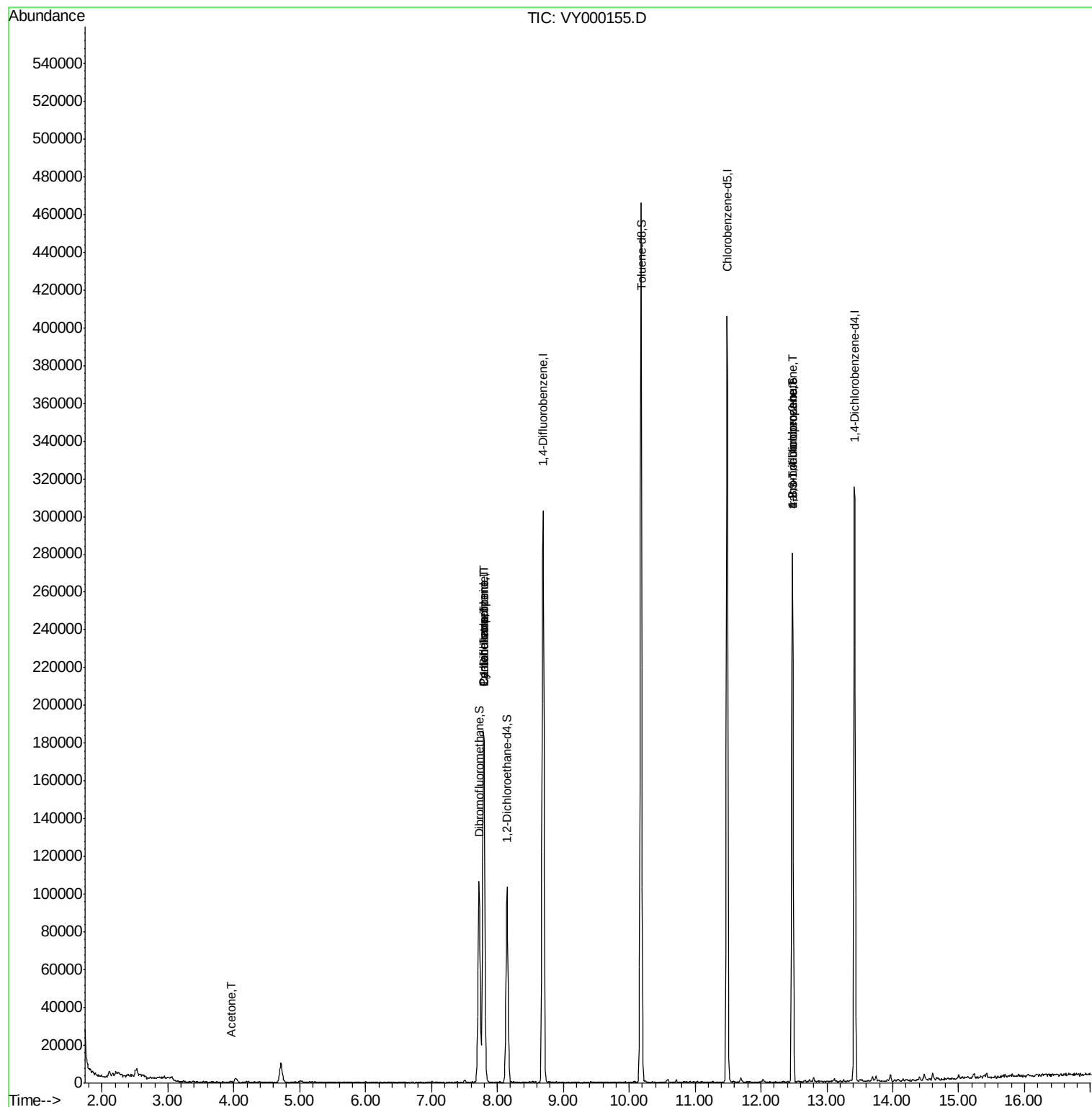
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	153935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	280907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	231554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	82527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	73749	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.72	113	75245	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.18	98	315222	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	92026	40.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.12%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.10	50	1803	Below Cal	#	77
16) Acetone	3.96	43	605	1.769	ug/l #	37
20) Methylene Chloride	4.71	84	7567	Below Cal		99
31) Cyclohexane	7.78	56	3211	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10339	4.429	ug/l #	46
38) Carbon Tetrachloride	7.79	117	14442	6.337	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	43418	52.275	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	43418	104.175	ug/l #	18

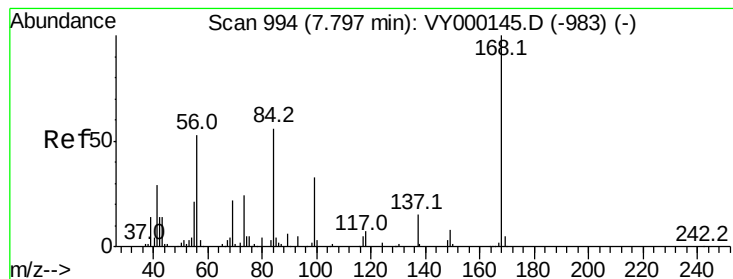
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Sep 26 16:59:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

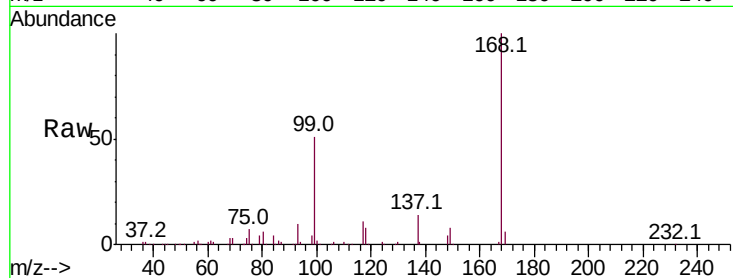
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 153935

Ion Ratio Lower Upper

168 100

99 50.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)

7.79

60000

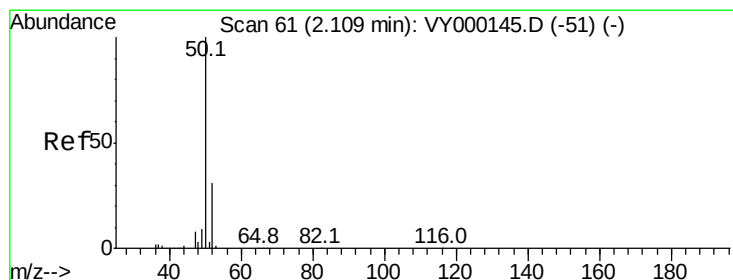
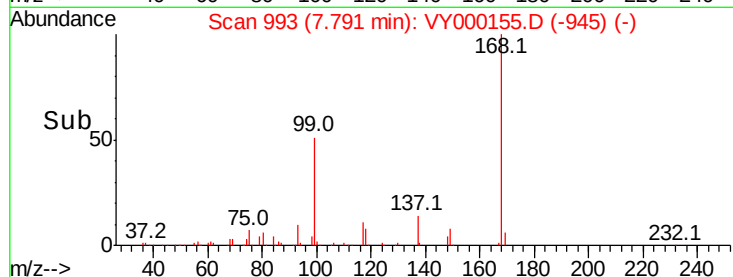
40000

20000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.10 min Scan# 60

Delta R.T. -0.00 min

Lab File: VY000155.D

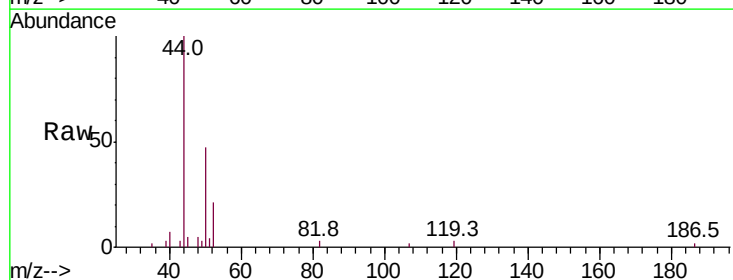
Acq: 26 Sep 2019 16:15

Tgt Ion: 50 Resp: 1803

Ion Ratio Lower Upper

50 100

52 44.1 25.0 37.6#



Abundance Ion 49.90 (49.60 to 50.60): VY000145.D (-51) (-)

Ion 51.90 (51.60 to 52.60): VY000145.D (-51) (-)

2.10

1500

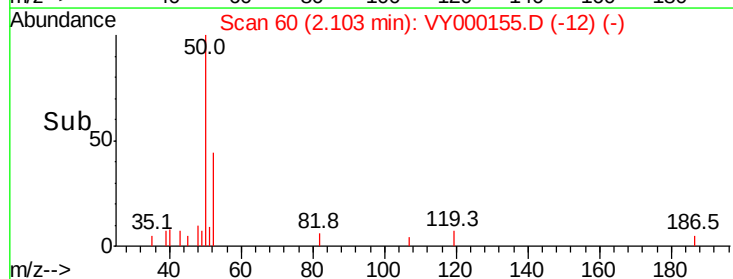
1000

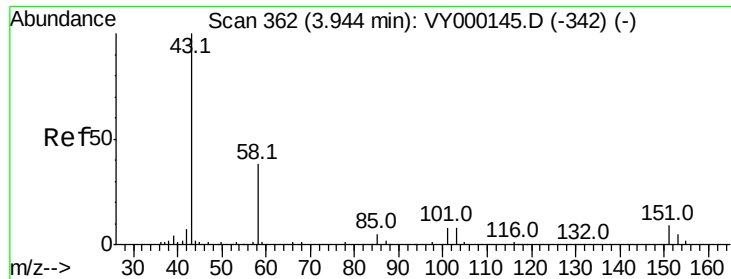
500

0

2.05 2.10 2.15

Time-->

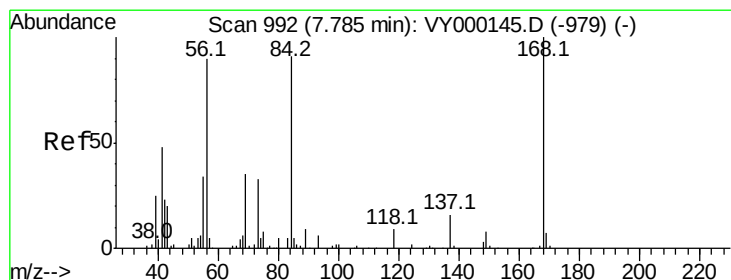
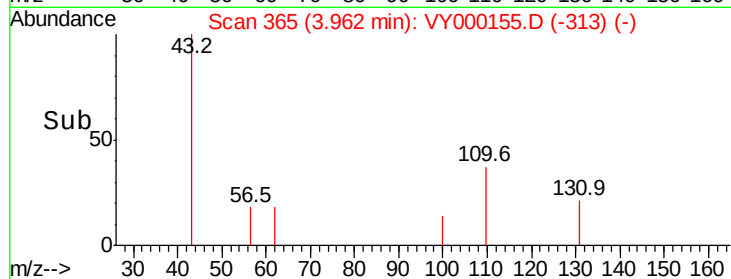
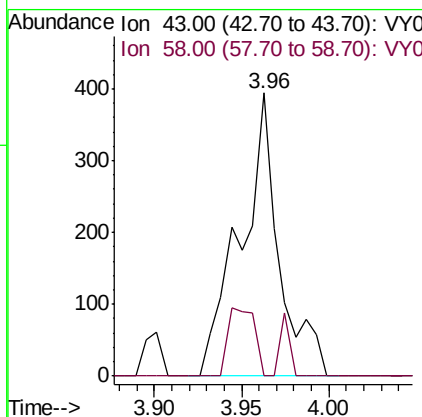
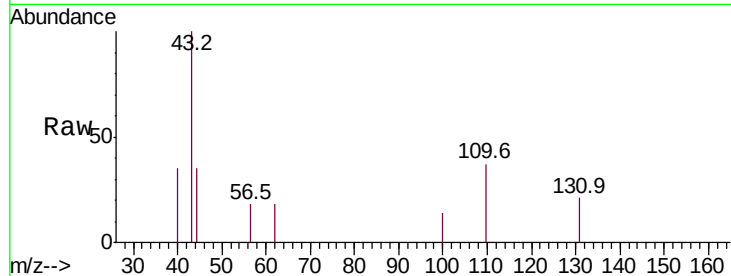




#16
Acetone
Concen: 1.769 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.02 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

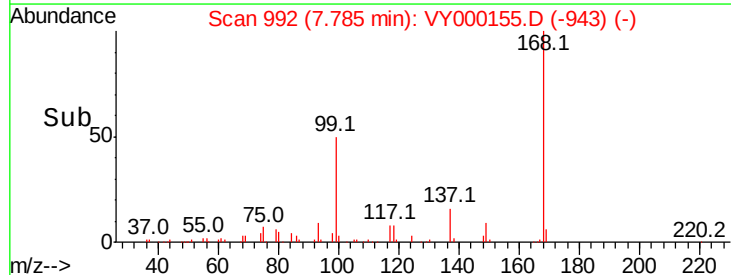
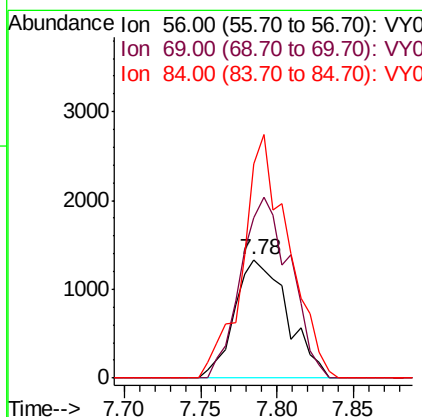
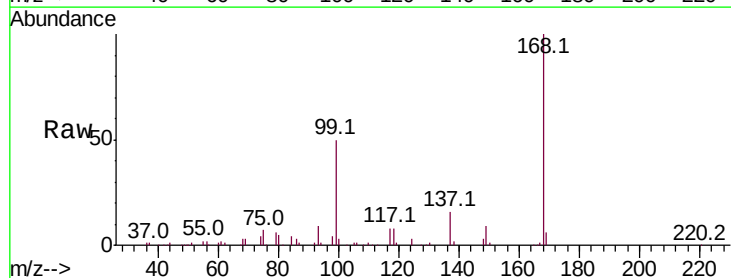
Instrument :
MSVOA_Y
ClientSampleId :

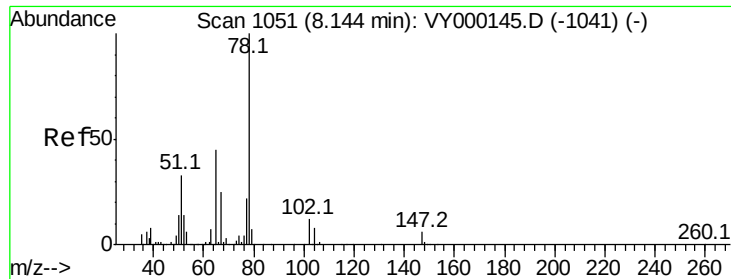
Tot Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Tgt Ion: 56 Resp: 3211
Ion Ratio Lower Upper
56 100
69 135.7 31.1 46.7#
84 180.4 80.5 120.7#

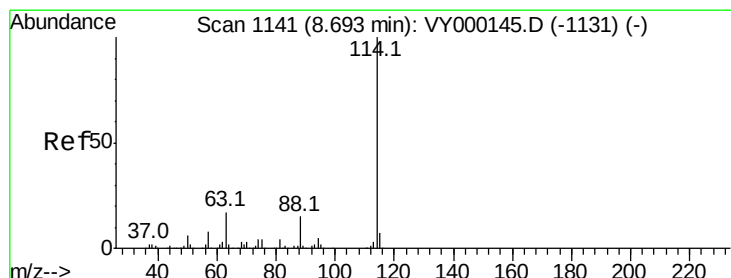
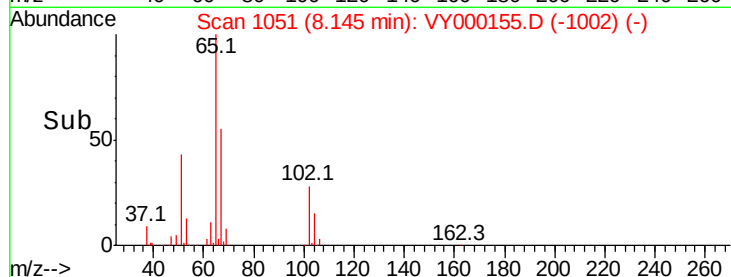
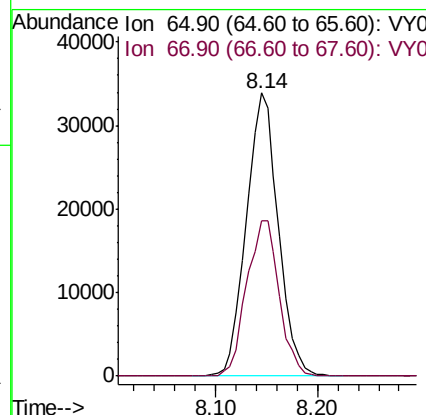
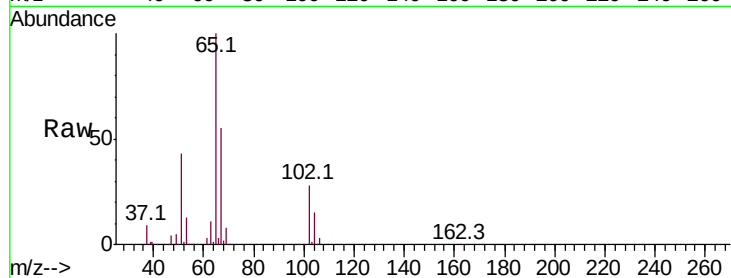




#33
 1,2-Dichloroethane-d4
 Concen: 54.706 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000155.D
 Acq: 26 Sep 2019 16:15

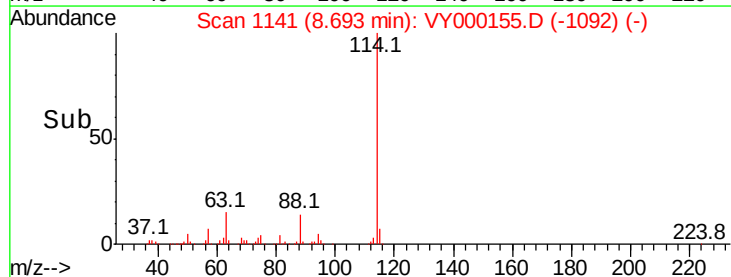
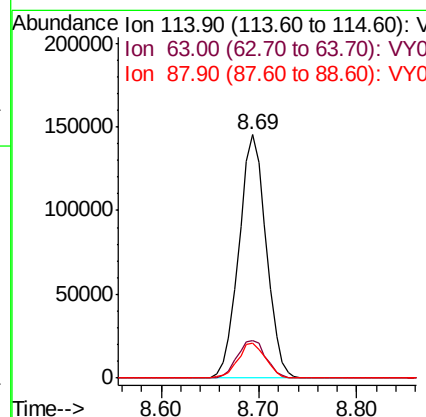
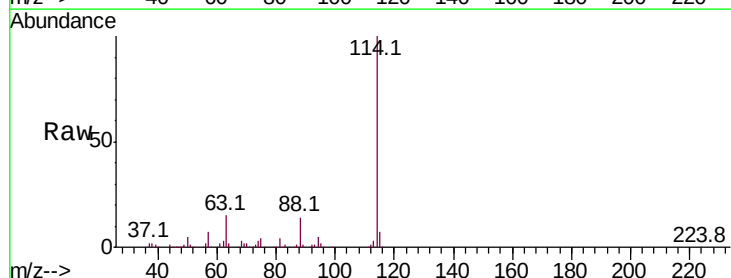
Instrument :
 MSVOA_Y
 ClientSampleId :

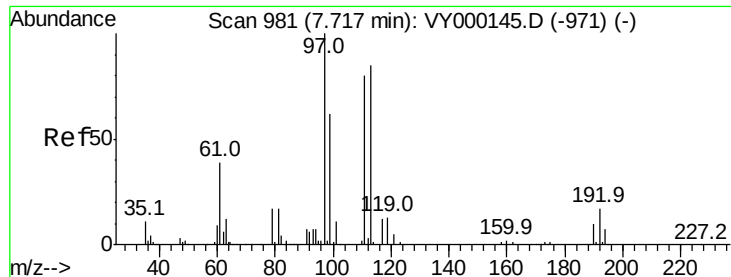
Tot Ion: 65 Resp: 73749
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000155.D
 Acq: 26 Sep 2019 16:15

Tgt Ion: 114 Resp: 280907
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 34.6
 88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.149 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

Instrument :
MSVOA_Y
ClientSampleId :

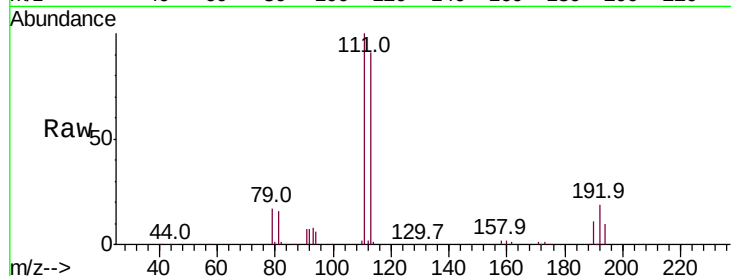
Tot Ion:113 Resp: 75245

Ion Ratio Lower Upper

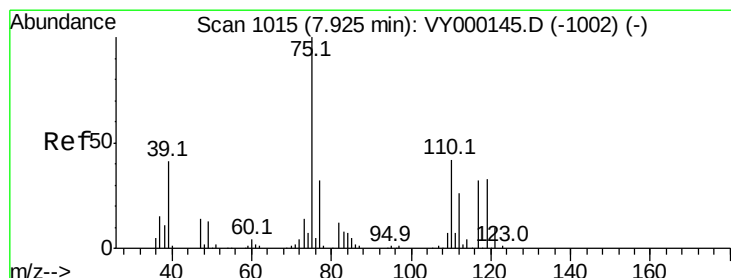
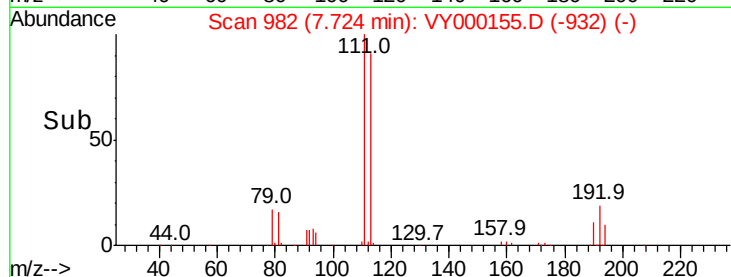
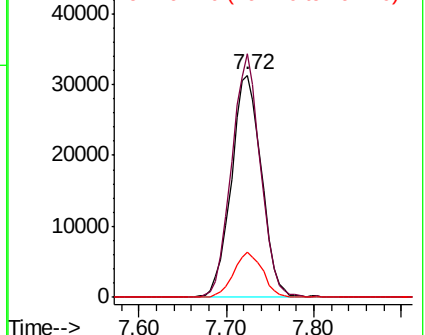
113 100

111 104.2 82.0 123.0

192 19.5 17.3 25.9



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: 4.429 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

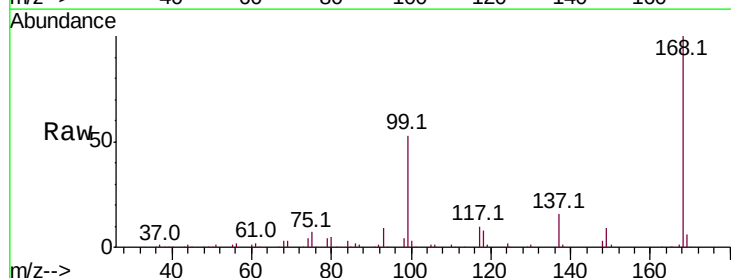
Tgt Ion: 75 Resp: 10339

Ion Ratio Lower Upper

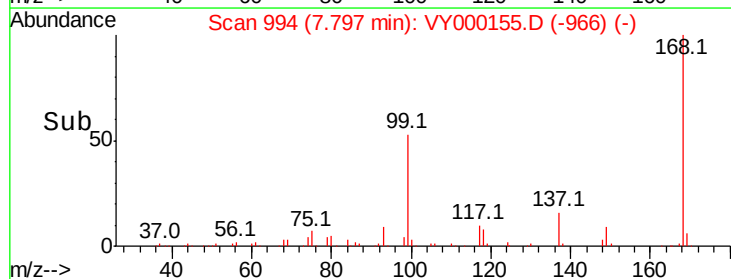
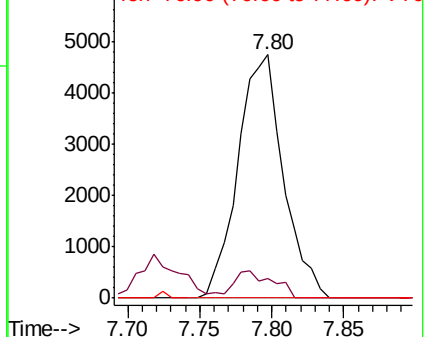
75 100

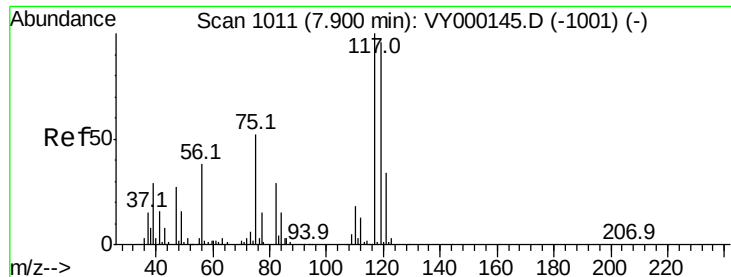
110 9.3 21.1 63.1#

77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

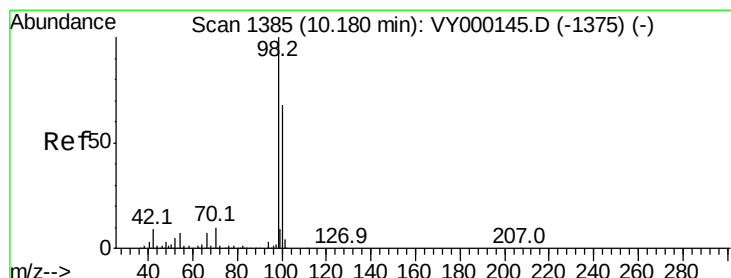
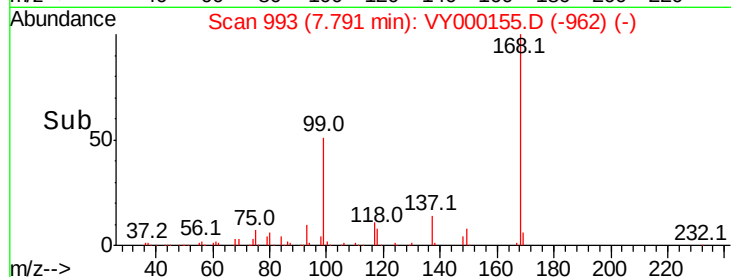
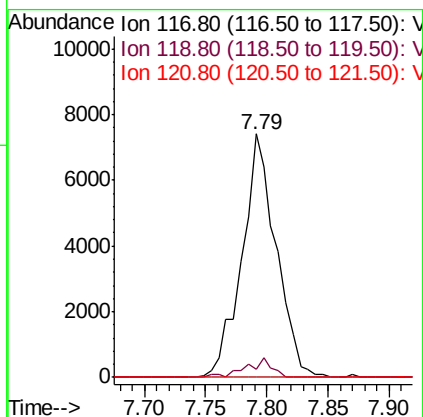
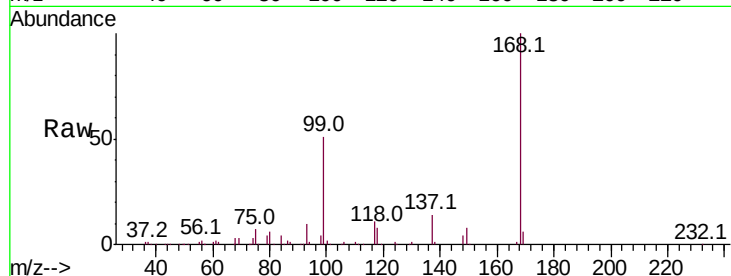




#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.11 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

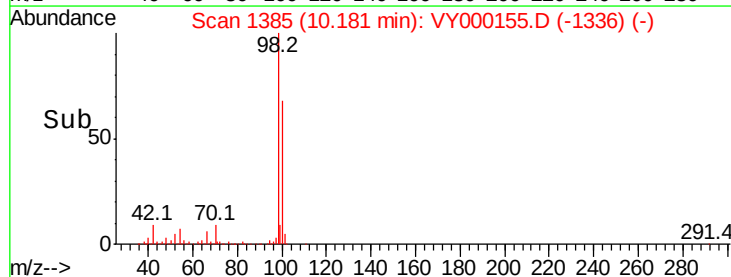
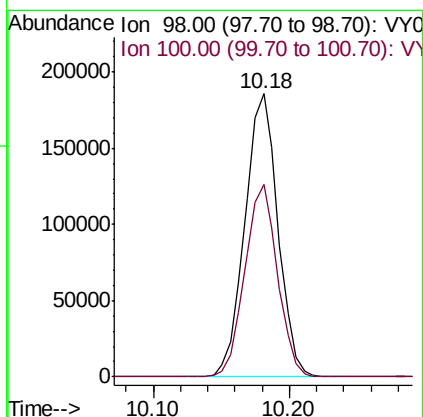
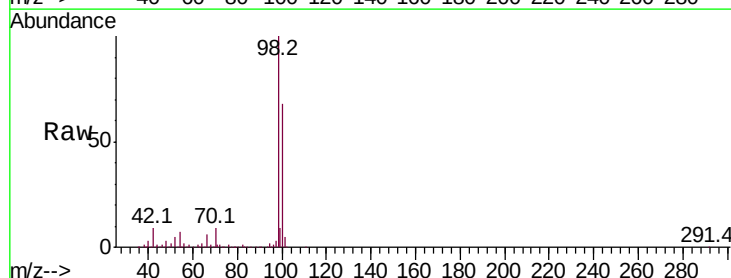
Instrument :
MSVOA_Y
ClientSampled :

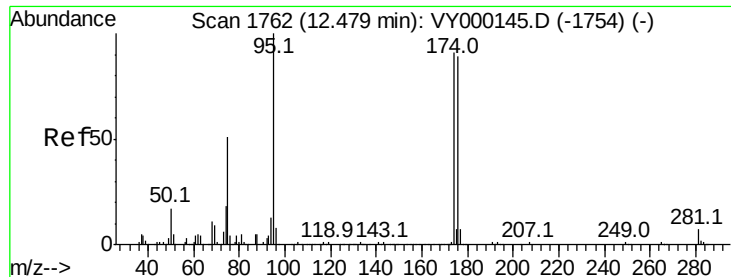
Tot Ion:117 Resp: 14442
Ion Ratio Lower Upper
117 100
119 3.4 76.9 115.3#
121 0.0 27.4 41.0#



#50
Toluene-d8
Concen: 50.636 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Tgt Ion: 98 Resp: 315222
Ion Ratio Lower Upper
98 100
100 67.1 54.2 81.2

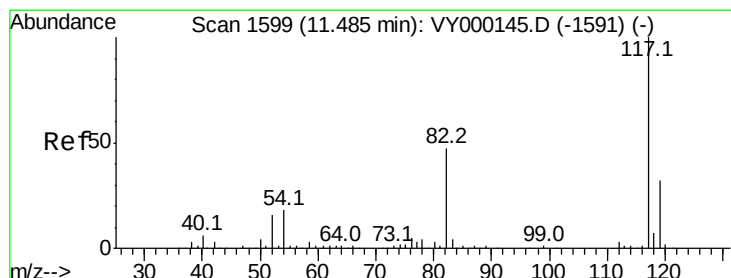
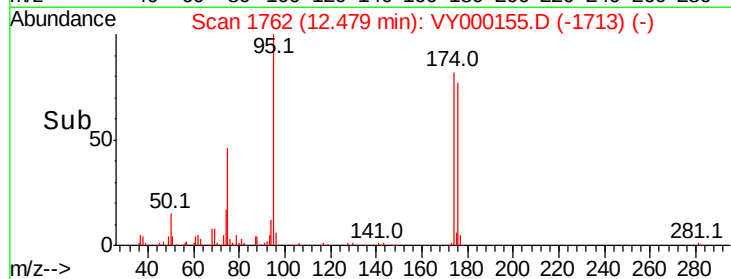
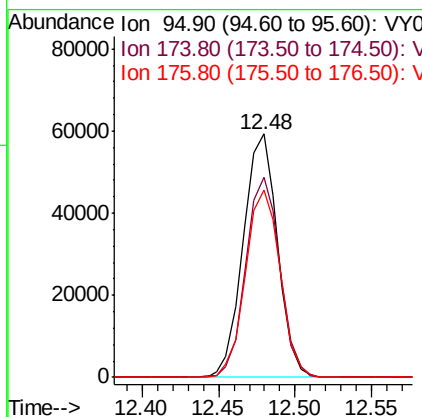
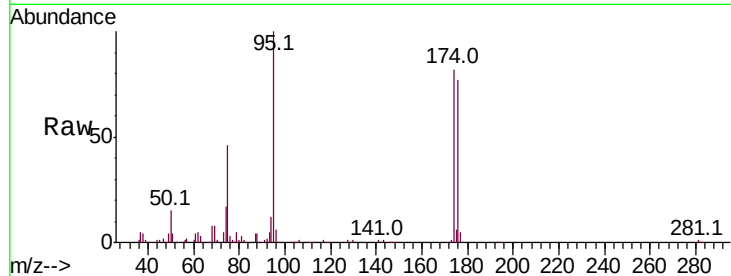




#62
4-Bromofluorobenzene
Concen: 40.558 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

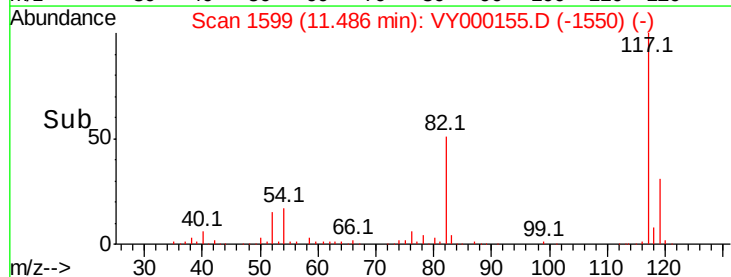
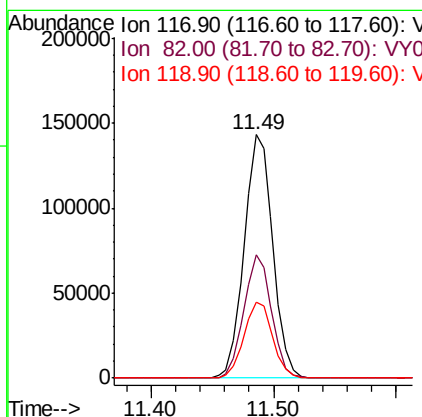
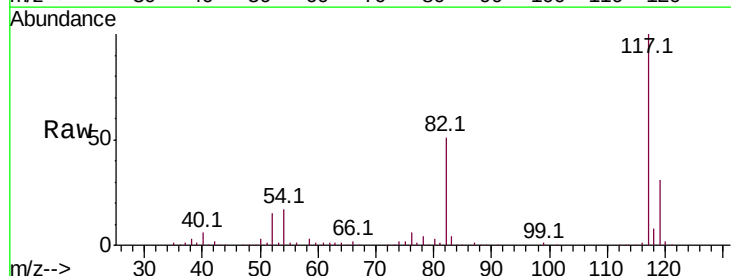
Instrument :
MSVOA_Y
ClientSampleId :

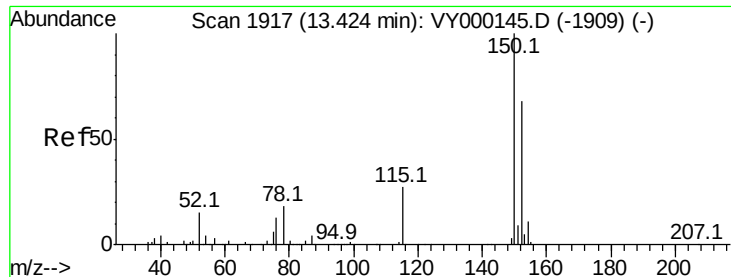
Tot Ion: 95 Resp: 92026
Ion Ratio Lower Upper
95 100
174 81.7 0.0 180.6
176 77.9 0.0 171.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Tgt Ion: 117 Resp: 231554
Ion Ratio Lower Upper
117 100
82 50.8 37.7 56.5
119 31.2 25.4 38.2



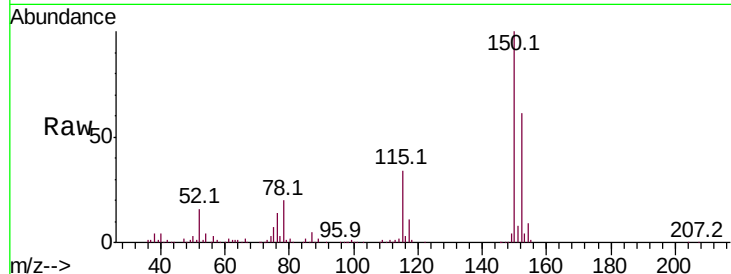


#72

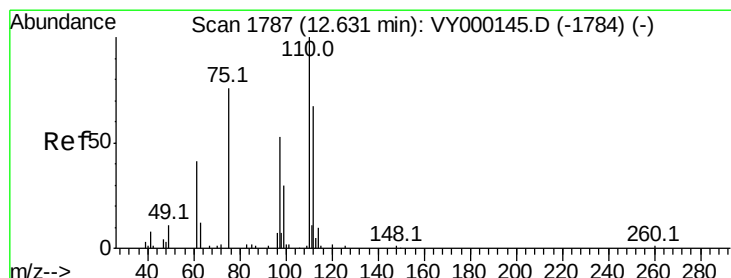
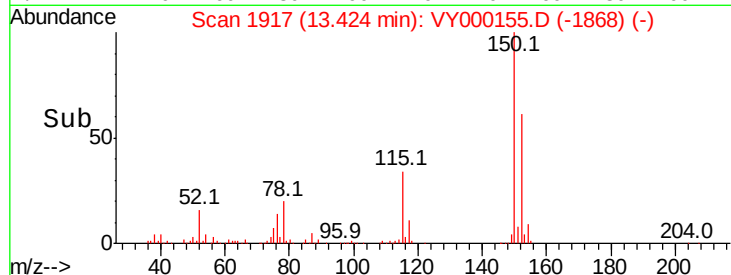
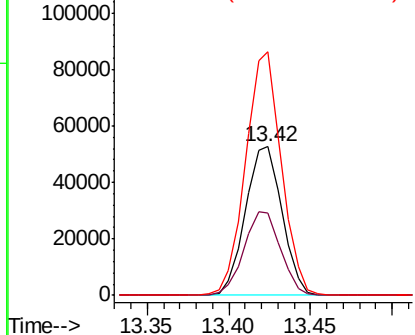
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 82527
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 159.5 0.0 347.8



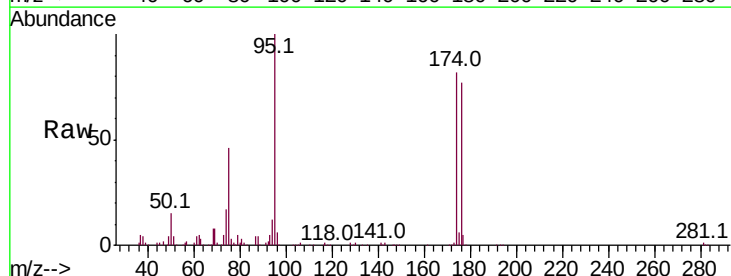
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



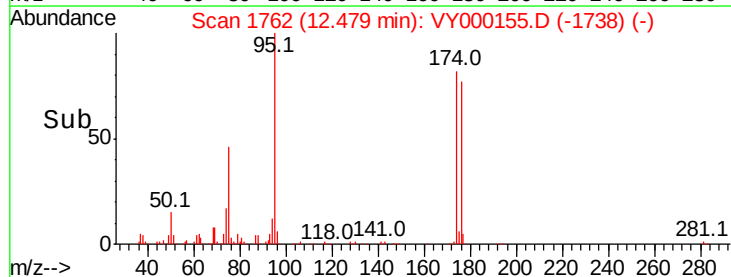
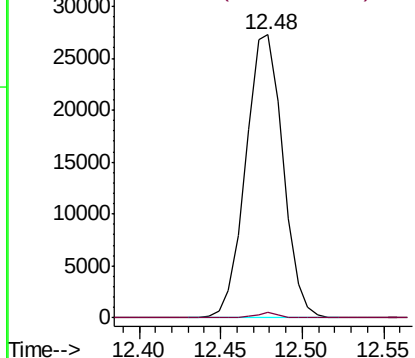
#76

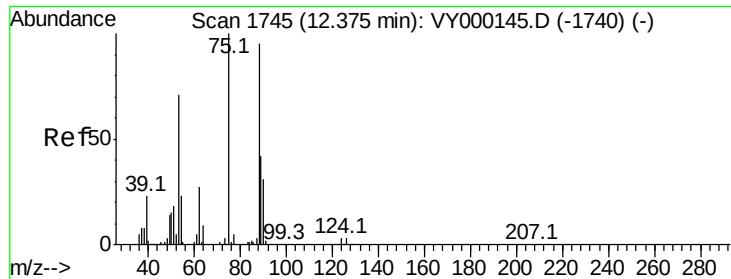
1,2,3-Trichloropropane
Concen: 52.275 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Tgt Ion: 75 Resp: 43418
Ion Ratio Lower Upper
75 100
77 1.1 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: 104.175 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

Instrument :

MSVOA_Y

ClientSampleId :

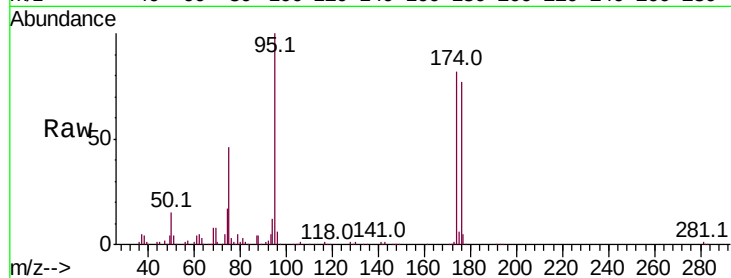
Tot Ion: 75 Resp: 43418

Ion Ratio Lower Upper

75 100

53 0.0 61.8 92.8#

89 0.2 35.6 53.4#



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

