

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000156.D
 Acq On : 26 Sep 2019 16:39
 Operator : SY/MD
 Sample : K5038-10
 Misc : 10.51g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 17:07:41 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

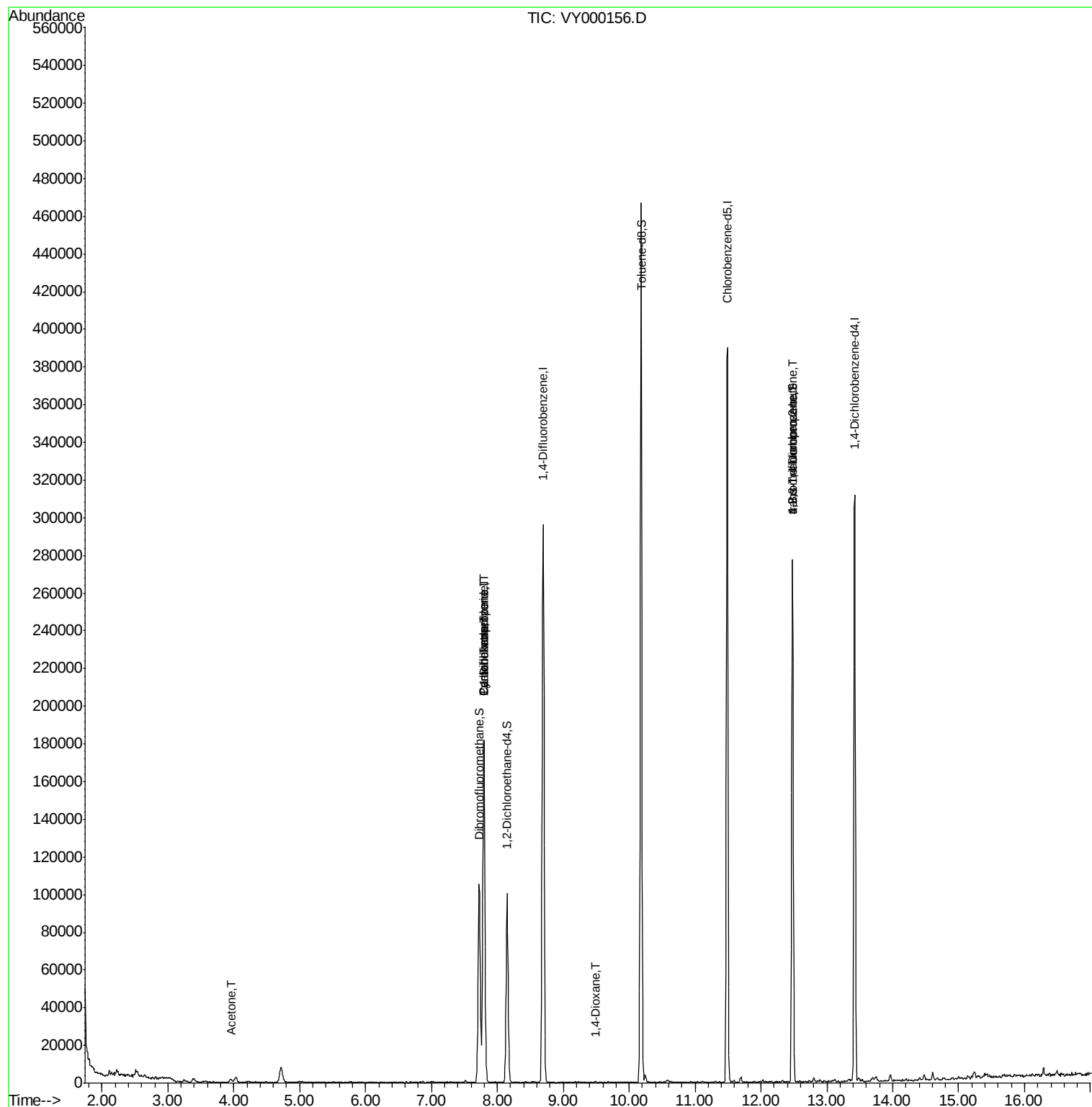
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	149184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	276208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	226928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	69615	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.72	113	74836	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.18	98	307691	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.48	95	88086	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	
Target Compounds						
3) Chloromethane	2.11	50	1772	Below Cal		99
16) Acetone	3.95	43	2277	6.871 ug/l #		70
20) Methylene Chloride	4.72	84	7106	Below Cal		91
31) Cyclohexane	7.79	56	3037	1.203 ug/l #		4
36) 1,1-Dichloropropene	7.79	75	10377	4.521 ug/l #		47
38) Carbon Tetrachloride	7.79	117	13826	6.170 ug/l #		16
49) 1,4-Dioxane	9.49	88	23	1.525 ug/l #		28
76) 1,2,3-Trichloropropane	12.48	75	43184	52.424 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	43184	104.473 ug/l #		18

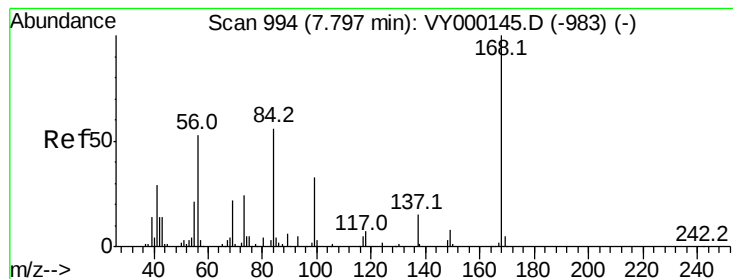
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

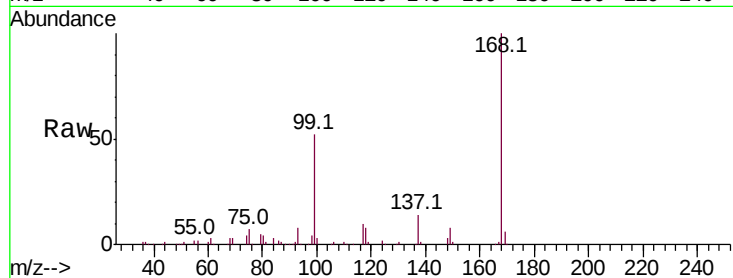
ClientSampleId :

Tot Ion:168 Resp: 149184

Ion Ratio Lower Upper

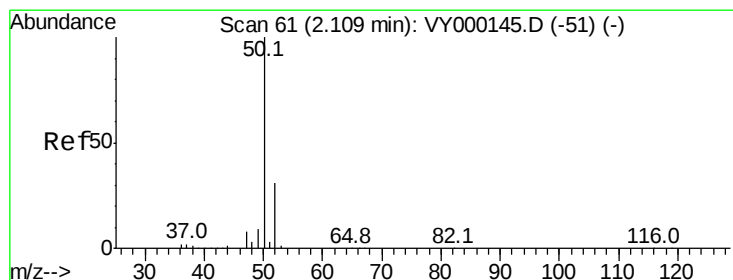
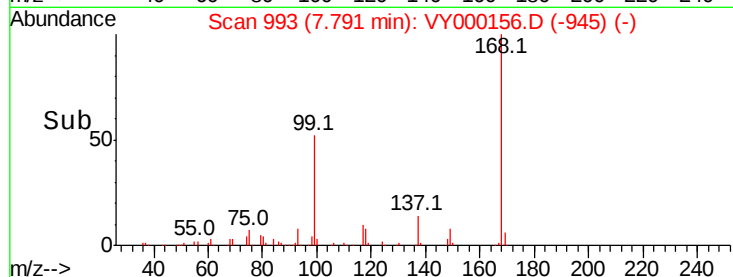
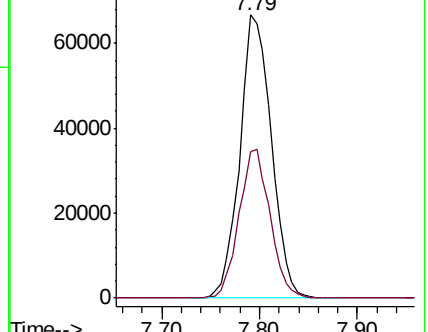
168 100

99 51.8 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) (-)



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000156.D

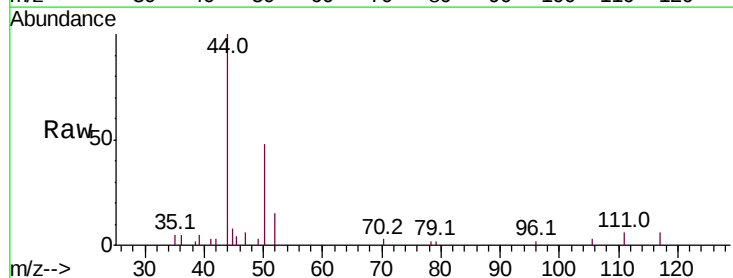
Acq: 26 Sep 2019 16:39

Tgt Ion: 50 Resp: 1772

Ion Ratio Lower Upper

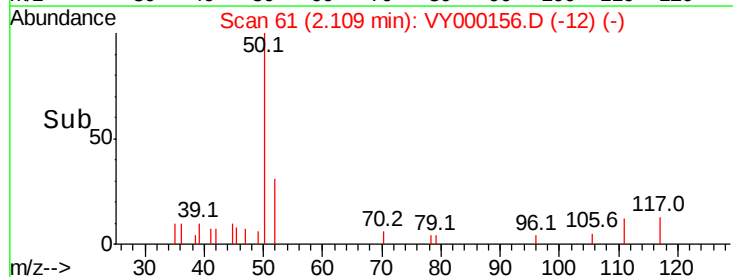
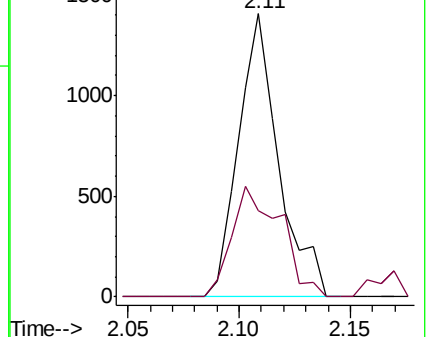
50 100

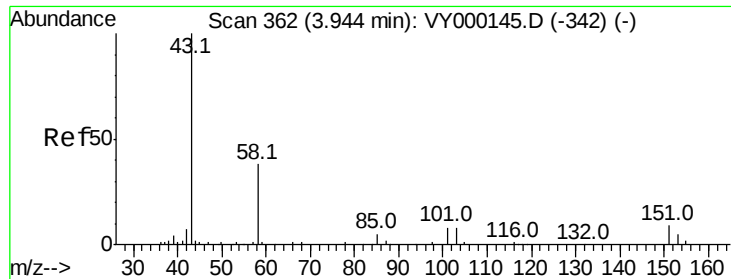
52 30.7 25.0 37.6



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

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





#16

Acetone

Concen: 6.871 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

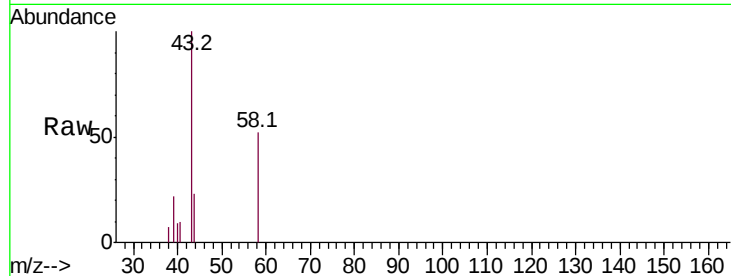
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2277

Ion Ratio Lower Upper

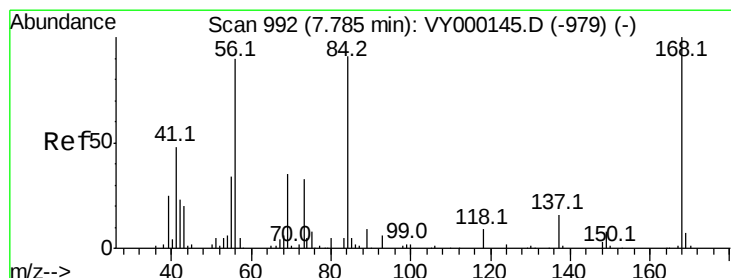
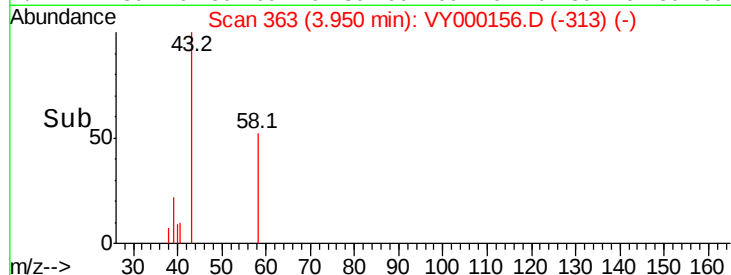
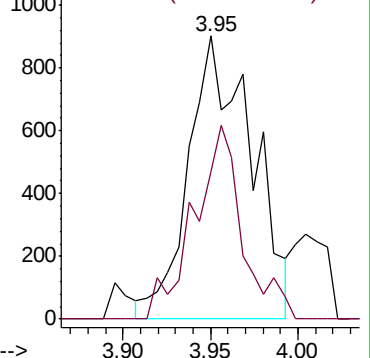
43 100

58 56.0 30.4 45.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

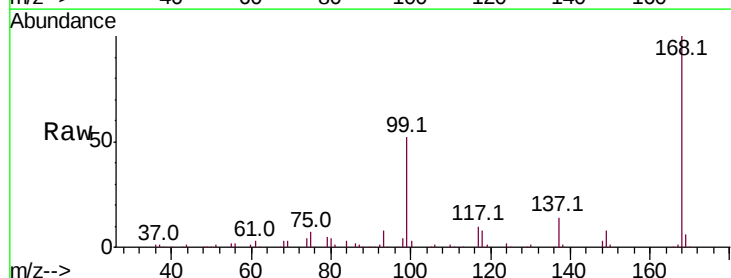
Tgt Ion: 56 Resp: 3037

Ion Ratio Lower Upper

56 100

69 153.5 31.1 46.7#

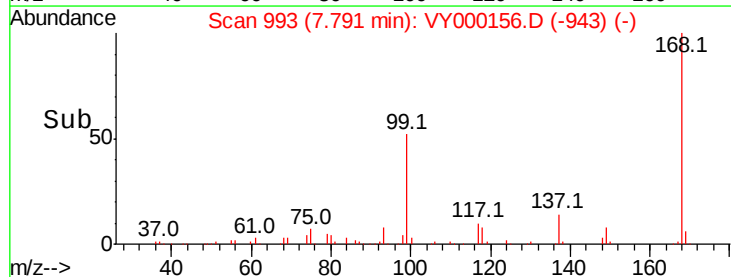
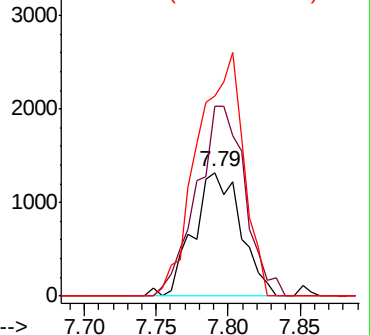
84 161.8 80.5 120.7#

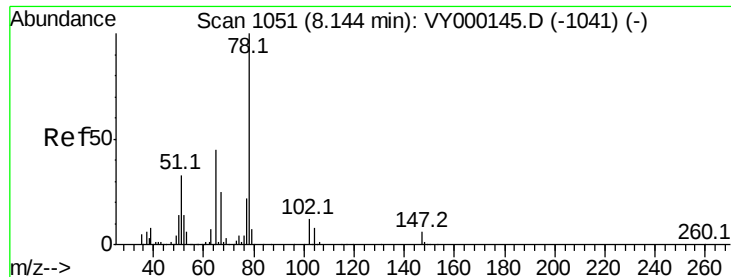


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 53.284 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

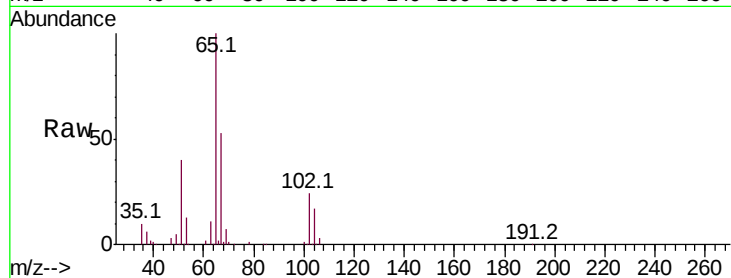
ClientSampleId :

Tot Ion: 65 Resp: 69615

Ion Ratio Lower Upper

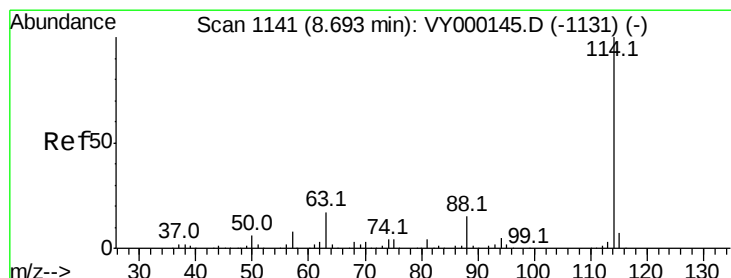
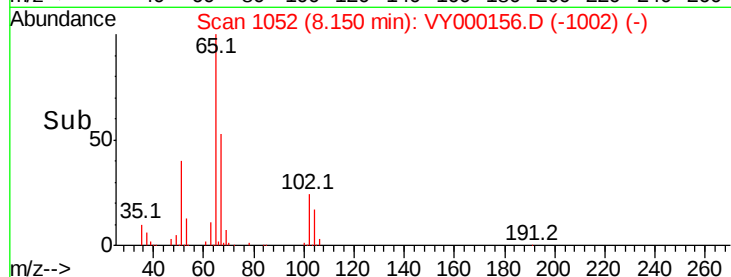
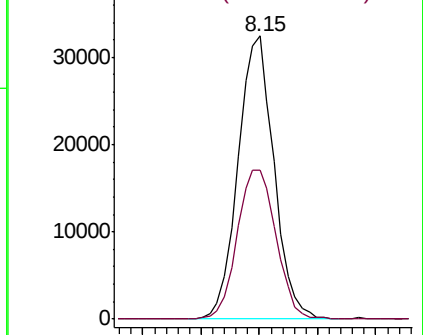
65 100

67 57.0 0.0 110.6



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: VY000156.D

Acq: 26 Sep 2019 16:39

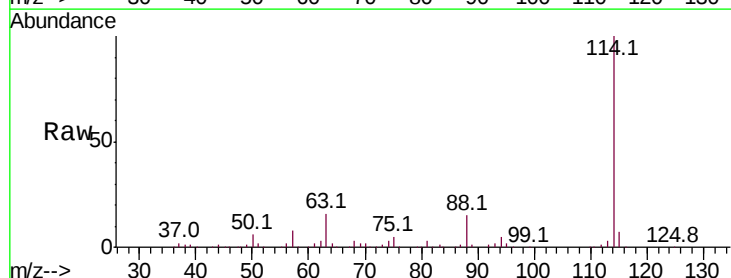
Tgt Ion: 114 Resp: 276208

Ion Ratio Lower Upper

114 100

63 15.8 0.0 34.6

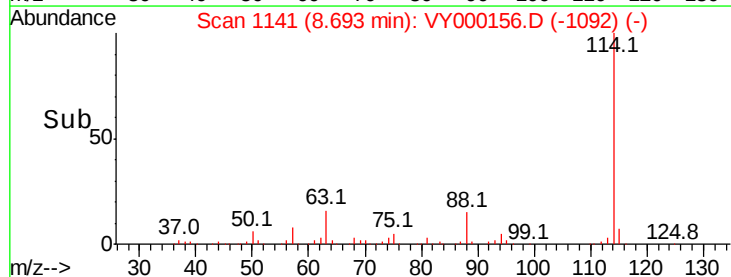
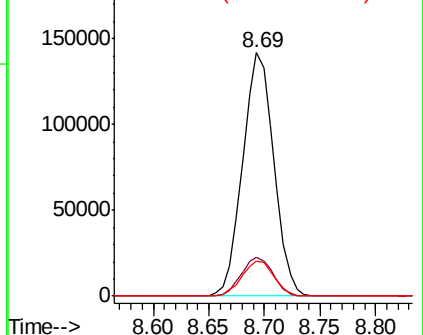
88 14.6 0.0 30.6

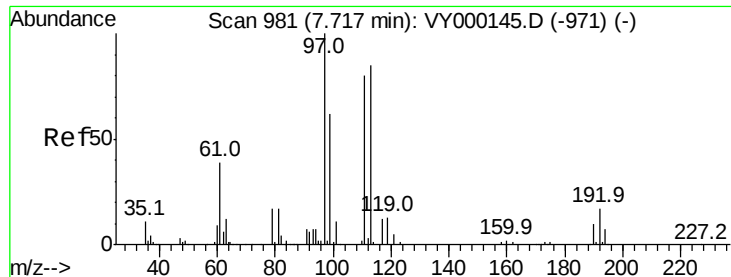


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.736 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

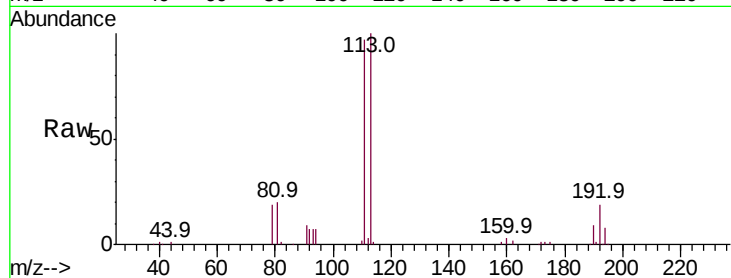
Tot Ion:113 Resp: 74836

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

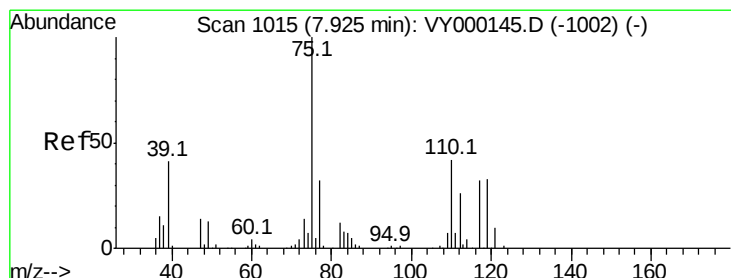
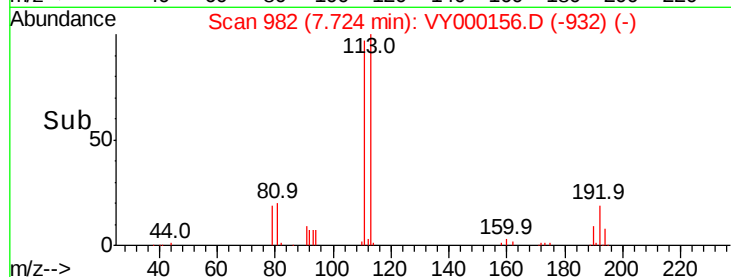
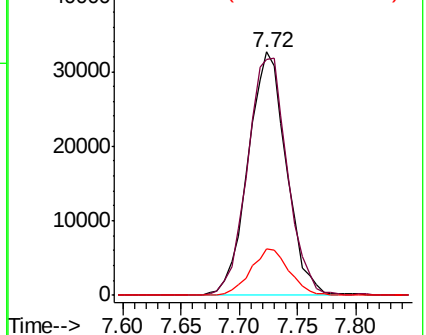
192 19.1 17.3 25.9



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: 4.521 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

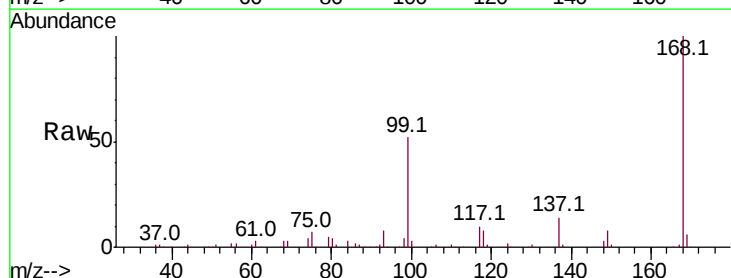
Tgt Ion: 75 Resp: 10377

Ion Ratio Lower Upper

75 100

110 9.8 21.1 63.1#

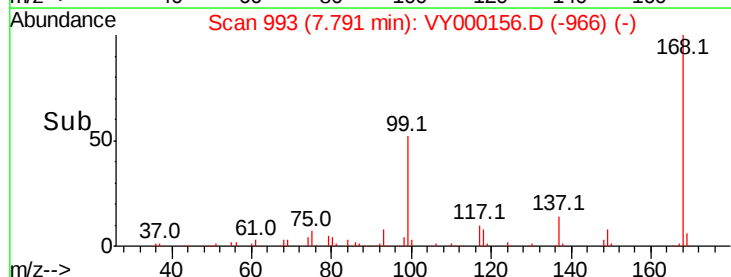
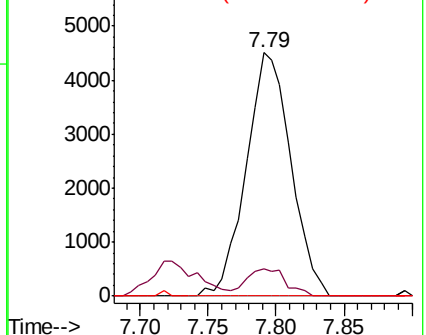
77 0.0 24.6 36.8#

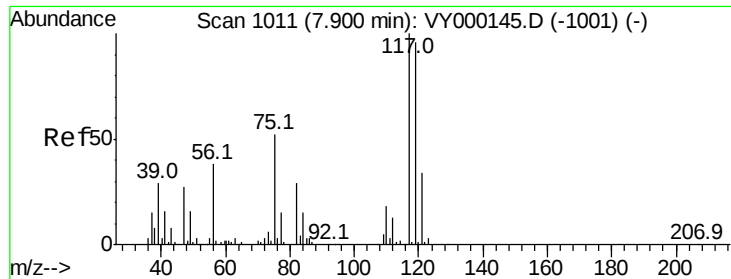


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

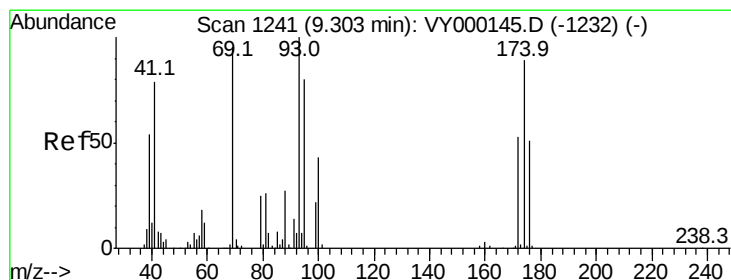
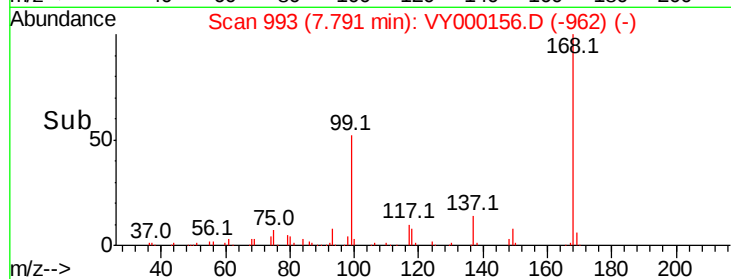
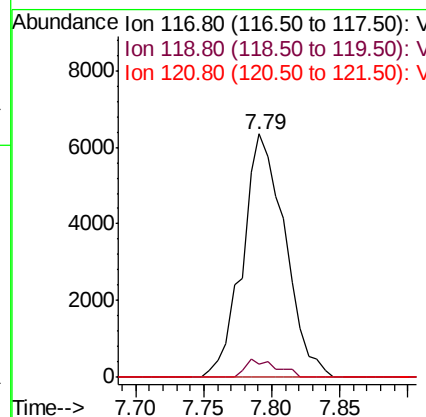
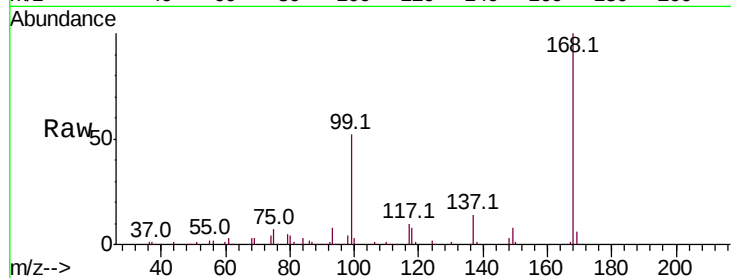




#38
Carbon Tetrachloride
Concen: 6.170 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.11 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

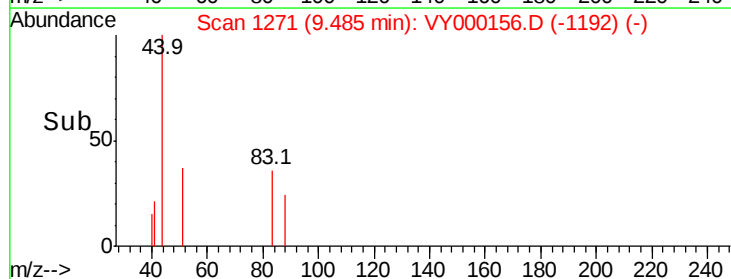
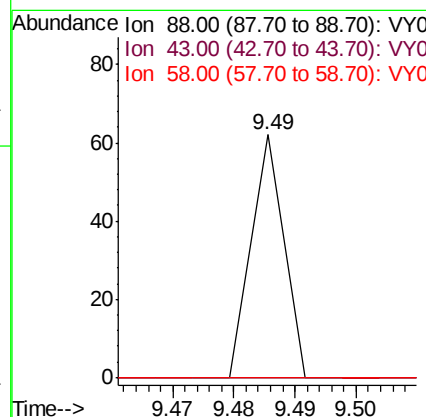
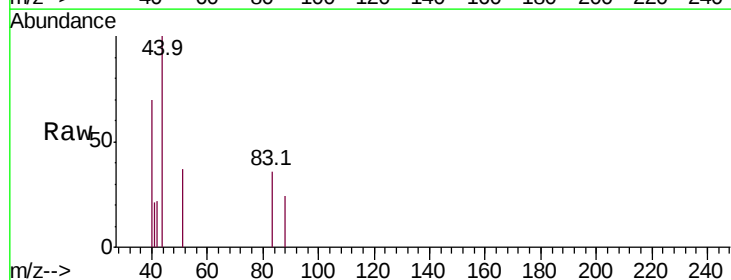
Instrument :
MSVOA_Y
ClientSampleId :

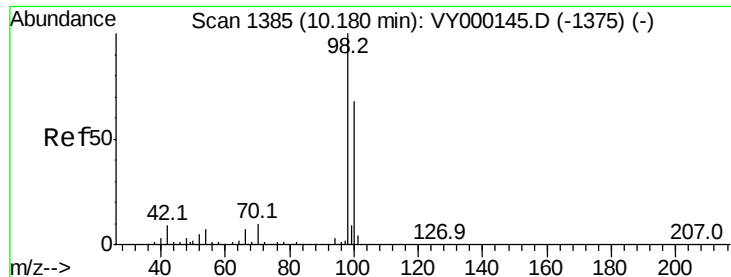
Tot Ion:117 Resp: 13826
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 27.4 41.0#



#49
1,4-Dioxane
Concen: 1.525 ug/l
RT: 9.49 min Scan# 1271
Delta R.T. 0.18 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 24.4 36.6#
58 0.0 49.2 73.8#





#50

Toluene-d8

Concen: 50.268 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

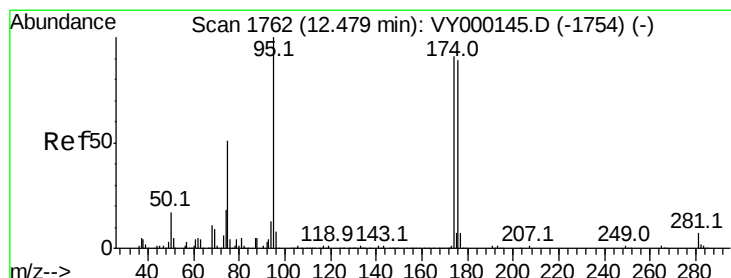
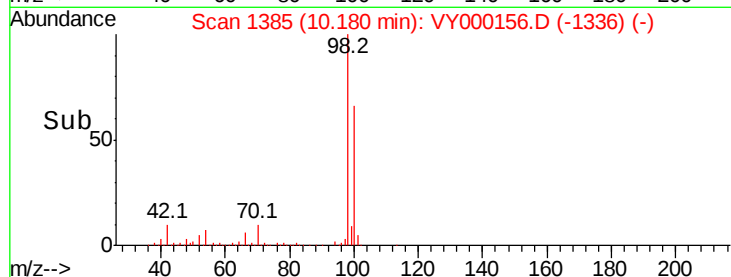
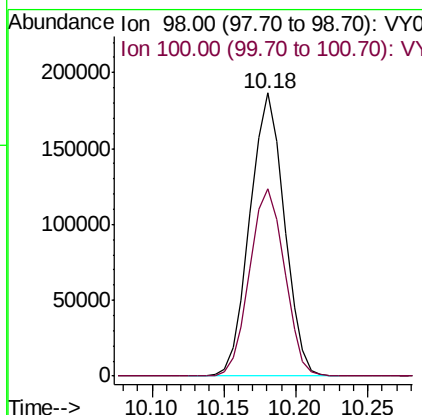
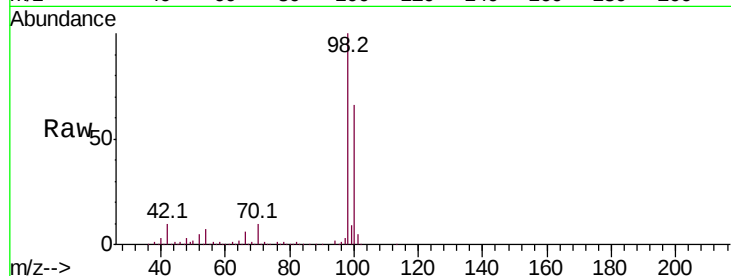
ClientSampleId :

Tot Ion: 98 Resp: 307691

Ion Ratio Lower Upper

98 100

100 67.4 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 39.482 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

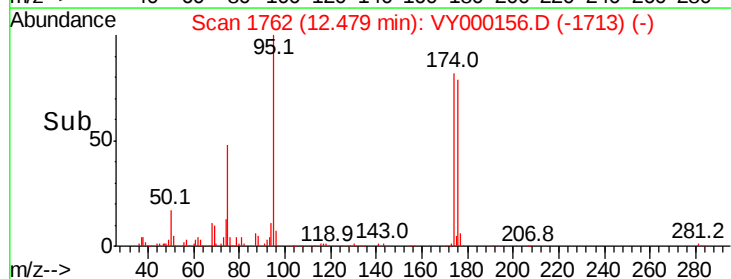
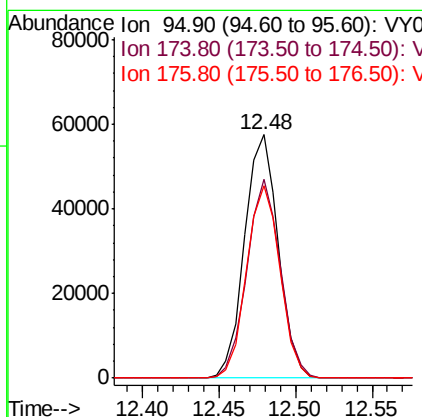
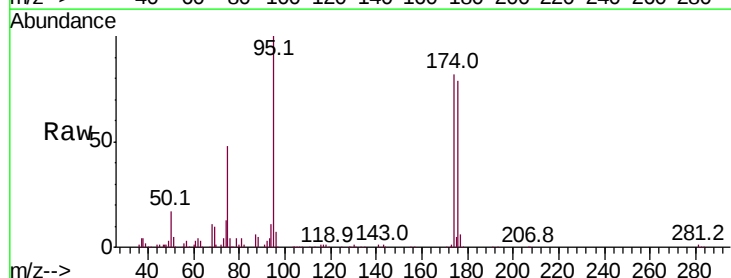
Tgt Ion: 95 Resp: 88086

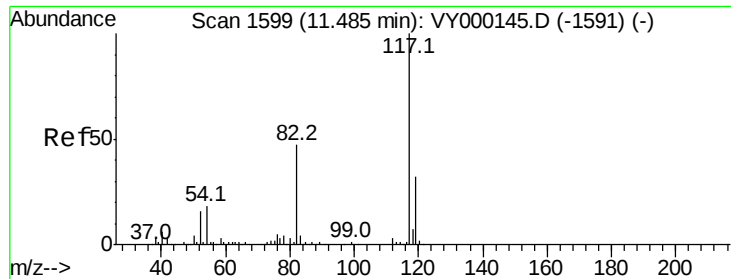
Ion Ratio Lower Upper

95 100

174 81.2 0.0 180.6

176 78.6 0.0 171.6

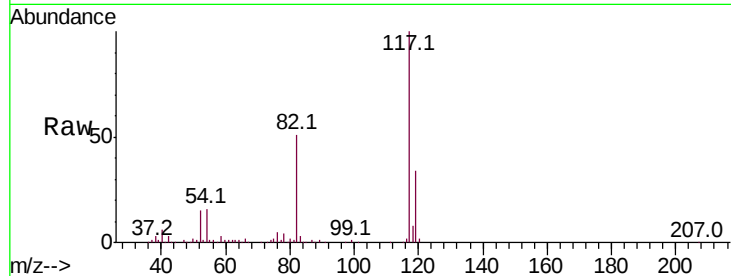




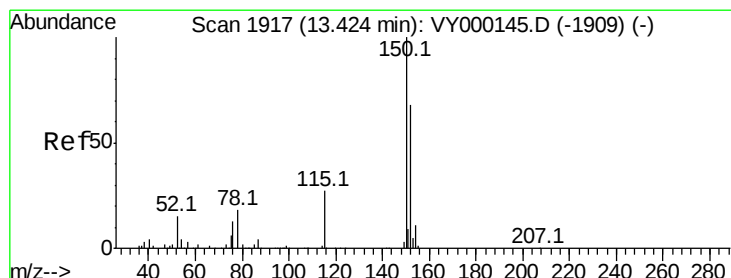
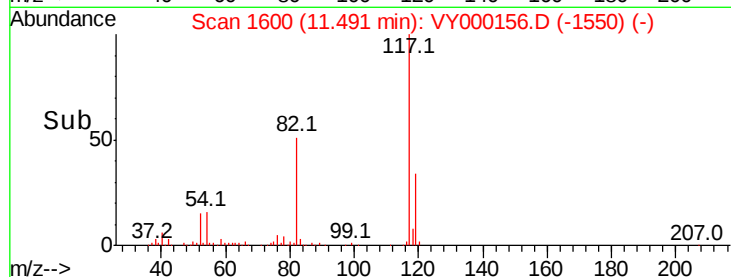
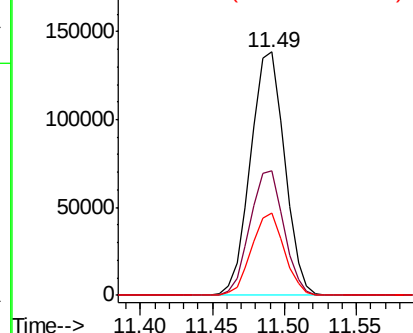
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 226928
Ion Ratio Lower Upper
117 100
82 51.3 37.7 56.5
119 33.8 25.4 38.2

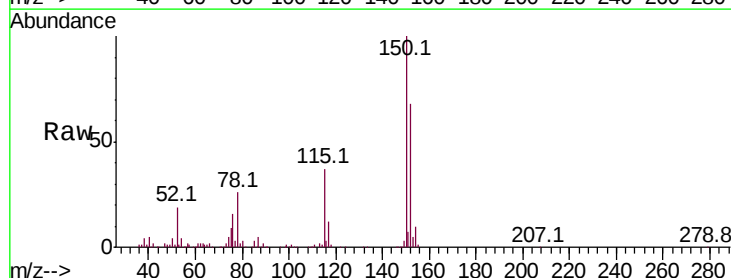


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

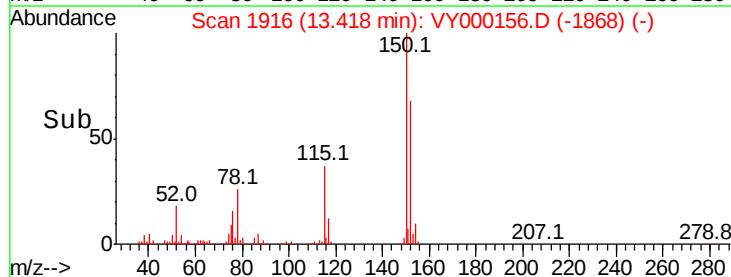
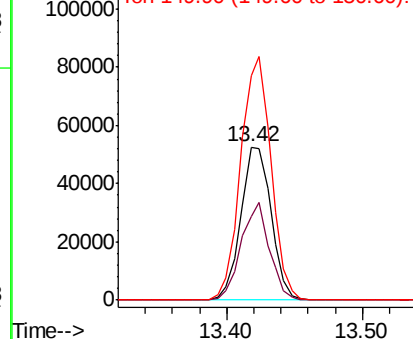


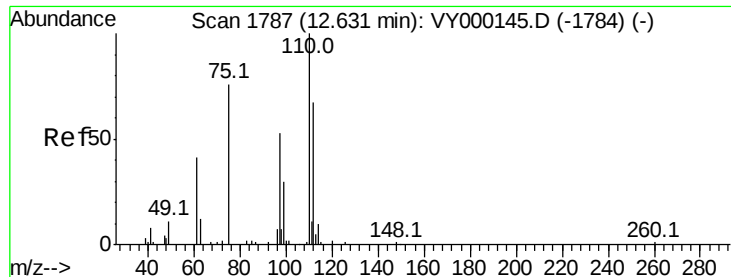
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

Tgt Ion:152 Resp: 81848
Ion Ratio Lower Upper
152 100
115 59.3 26.8 80.4
150 158.5 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: 52.424 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

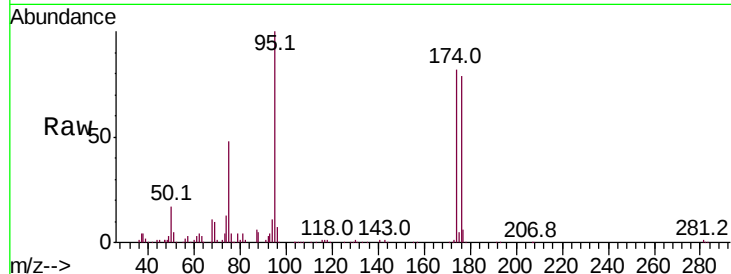
ClientSampleId :

Tot Ion: 75 Resp: 43184

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

30000

25000

20000

15000

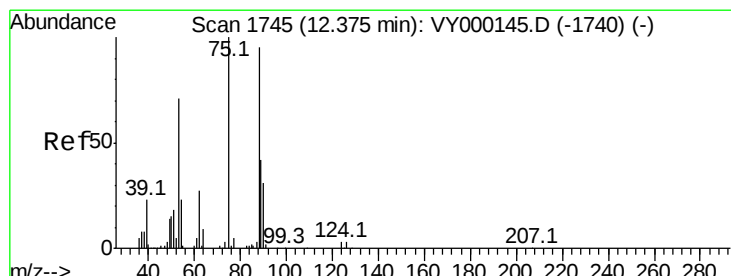
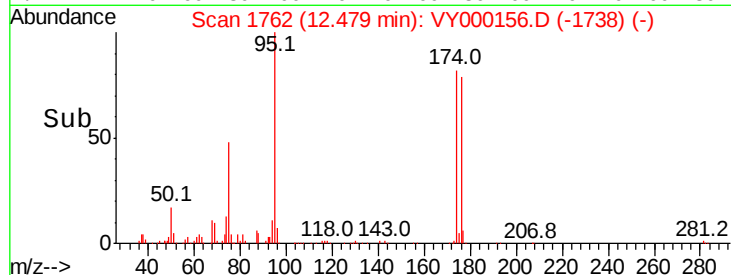
10000

5000

0

12.40 12.45 12.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 104.473 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

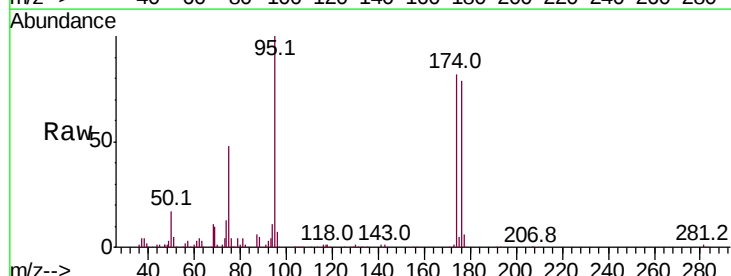
Tgt Ion: 75 Resp: 43184

Ion Ratio Lower Upper

75 100

53 0.0 61.8 92.8#

89 0.0 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

30000

20000

10000

0

12.40 12.45 12.50

Time-->

