

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000159.D
 Acq On : 26 Sep 2019 17:48
 Operator : SY/MD
 Sample : K5038-06RE
 Misc : 6.85g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 18:41:10 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

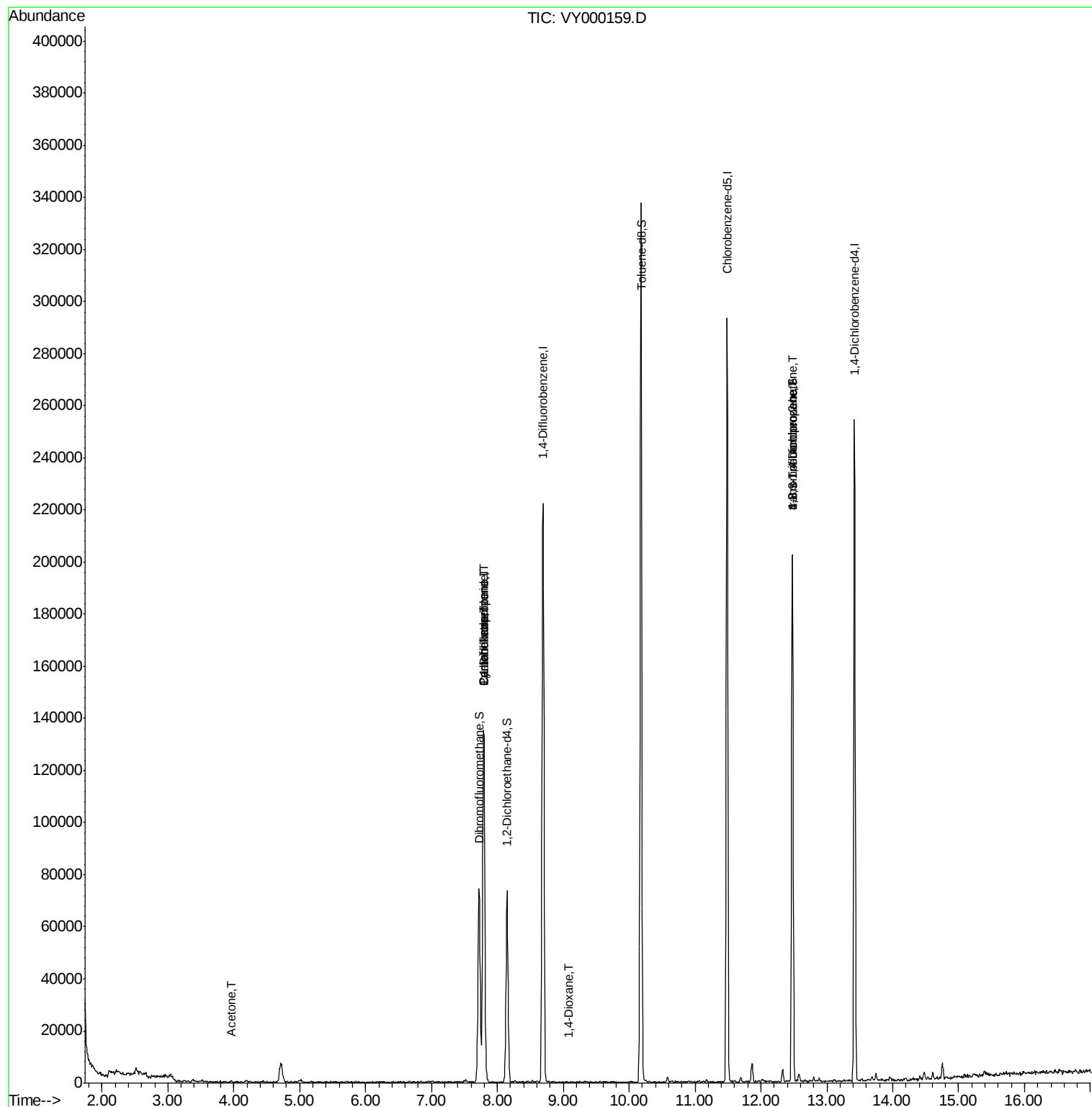
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	204771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	168567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	64263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	52760	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.72	113	56150	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.18	98	231949	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.47	95	69741	42.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.14	85	29	Below Cal	#	39
3) Chloromethane	2.10	50	1170	Below Cal		91
16) Acetone	3.96	43	558	2.278	ug/l #	80
31) Cyclohexane	7.79	56	2257	1.210	ug/l #	43
36) 1,1-Dichloropropene	7.79	75	7887	4.635	ug/l #	44
38) Carbon Tetrachloride	7.79	117	10437	6.283	ug/l #	17
49) 1,4-Dioxane	9.07	88	20	1.789	ug/l #	28
76) 1,2,3-Trichloropropane	12.47	75	31889	49.306	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	31889	98.258	ug/l #	18

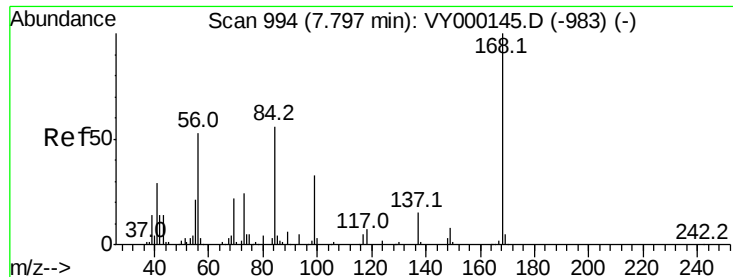
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

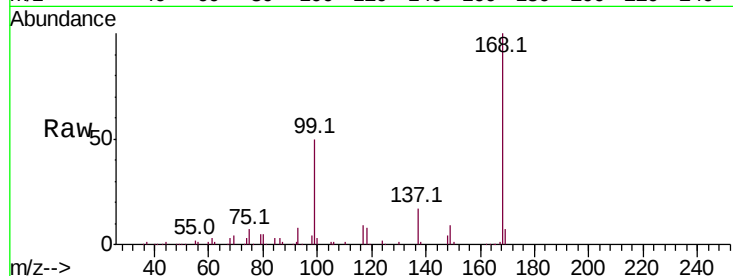
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 110247

Ion Ratio Lower Upper

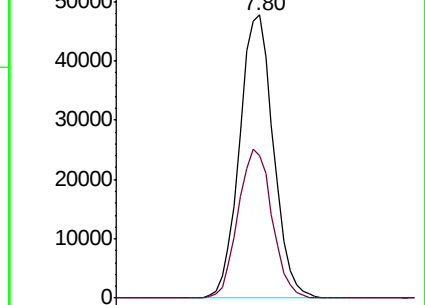
168 100

99 50.3 37.9 56.9

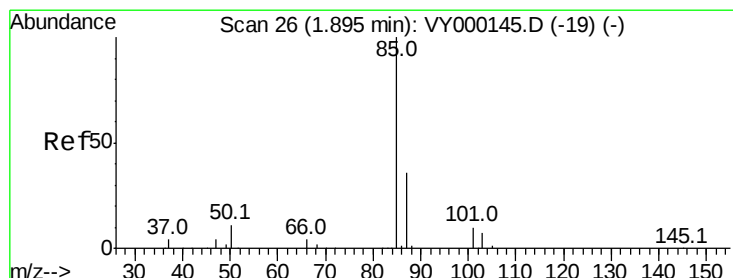
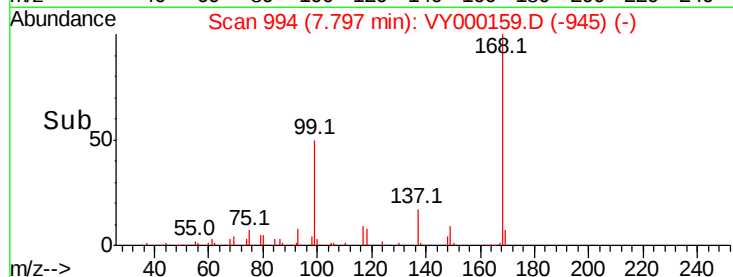


Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

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



Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.14 min Scan# 66

Delta R.T. 0.24 min

Lab File: VY000159.D

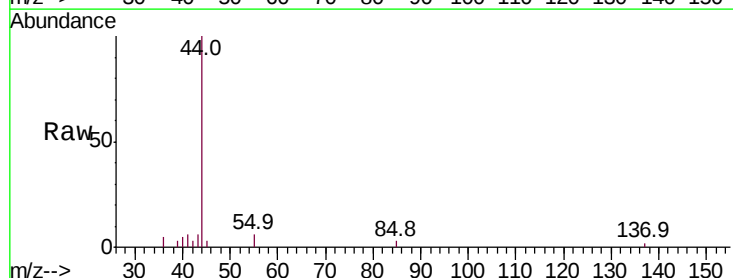
Acq: 26 Sep 2019 17:48

Tgt Ion: 85 Resp: 29

Ion Ratio Lower Upper

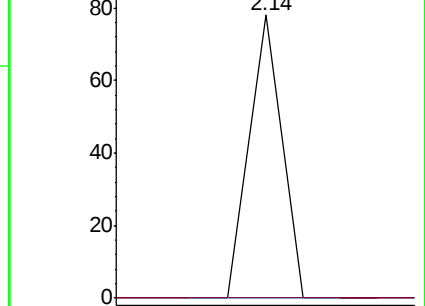
85 100

87 0.0 17.9 53.8#

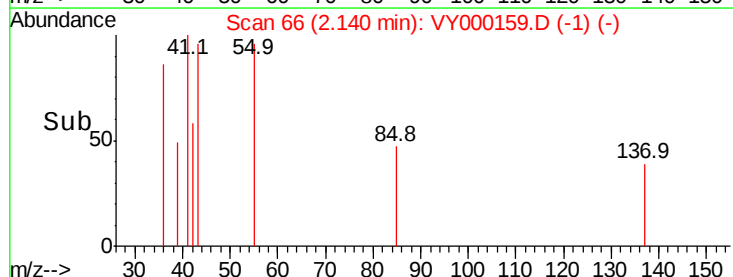


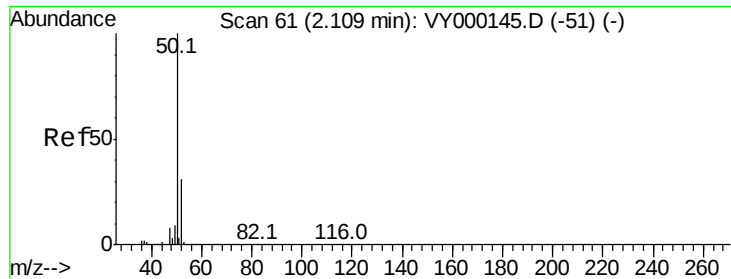
Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY000145.D (-19) (-)



Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.10 min Scan# 60

Delta R.T. -0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

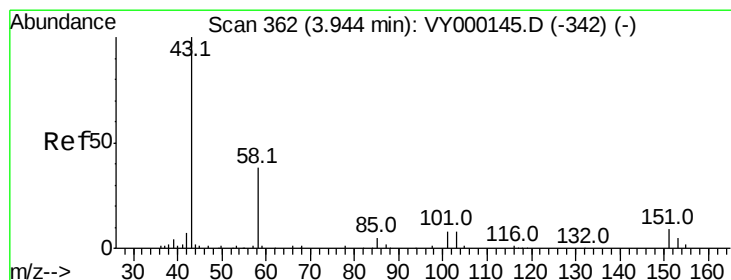
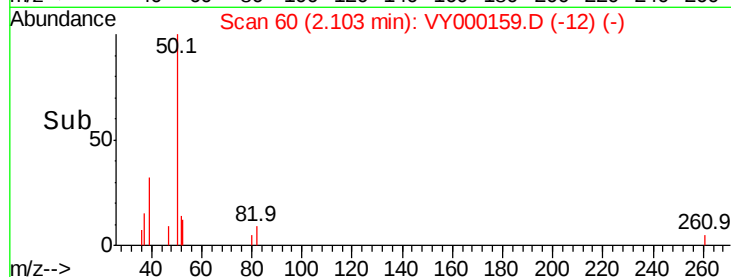
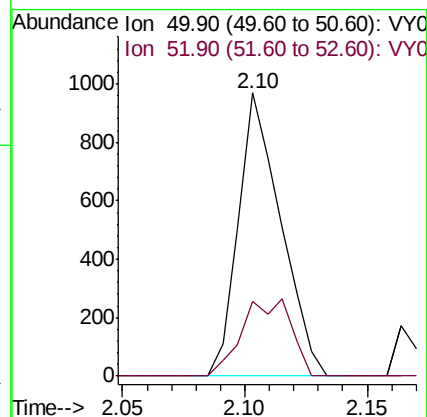
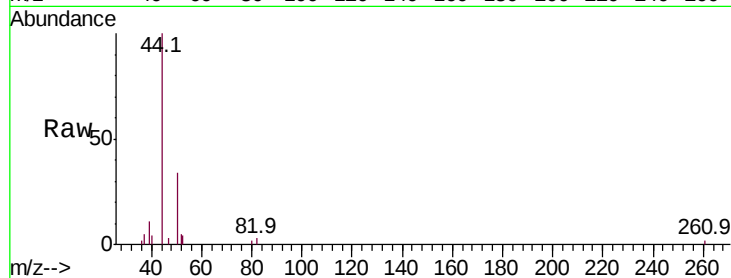
ClientSampled :

Tot Ion: 50 Resp: 1170

Ion Ratio Lower Upper

50 100

52 26.2 25.0 37.6



#16

Acetone

Concen: 2.278 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000159.D

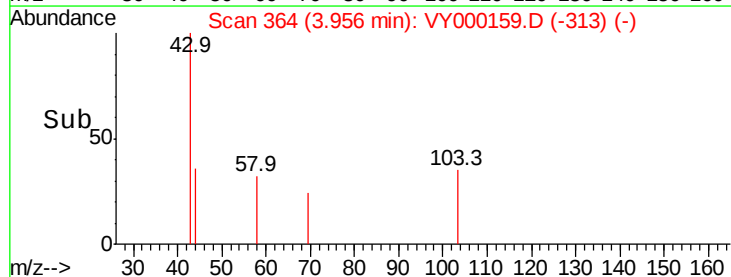
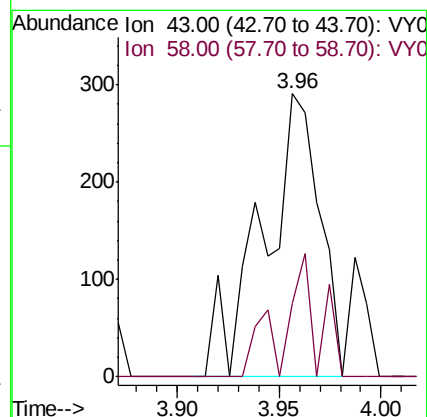
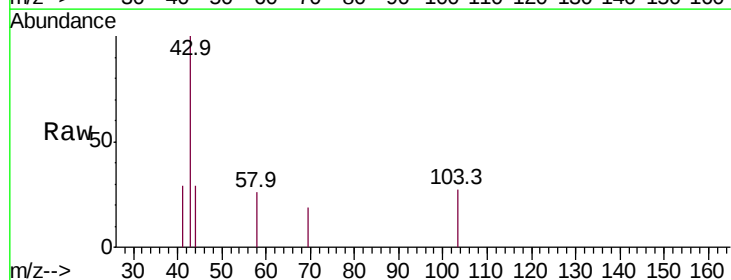
Acq: 26 Sep 2019 17:48

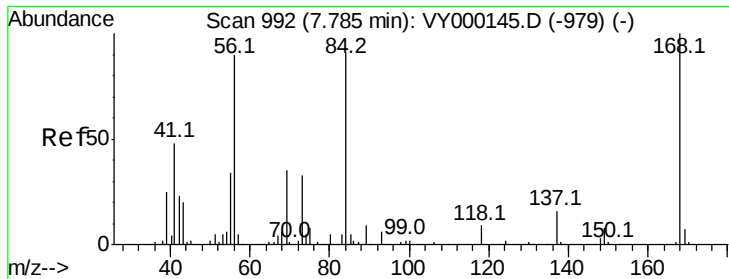
Tgt Ion: 43 Resp: 558

Ion Ratio Lower Upper

43 100

58 25.8 30.4 45.6#

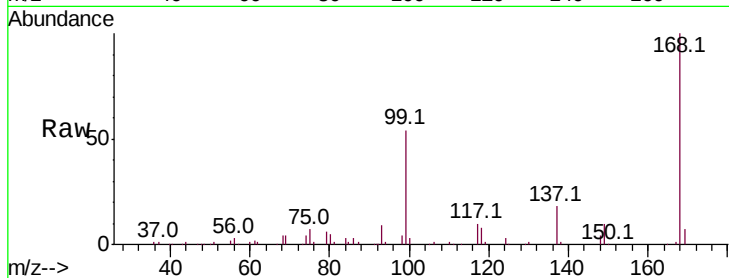




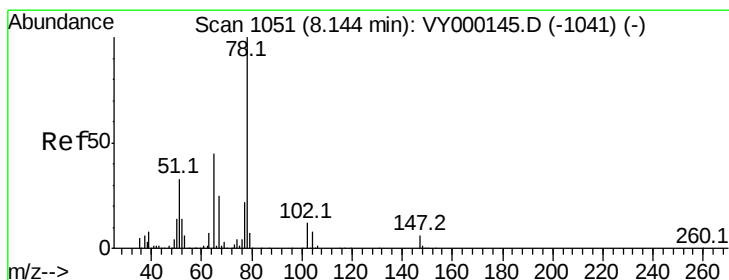
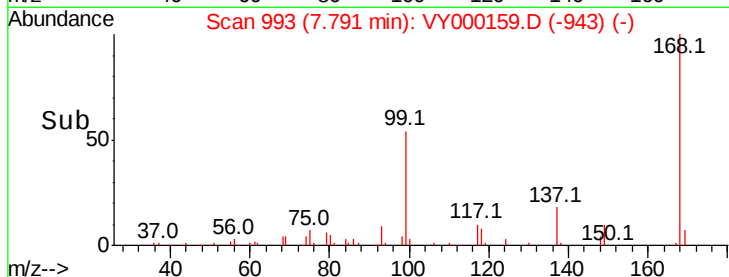
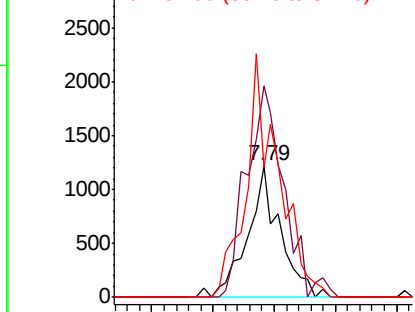
#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 2257
Ion Ratio Lower Upper
56 100
69 161.4 31.1 46.7#
84 99.0 80.5 120.7

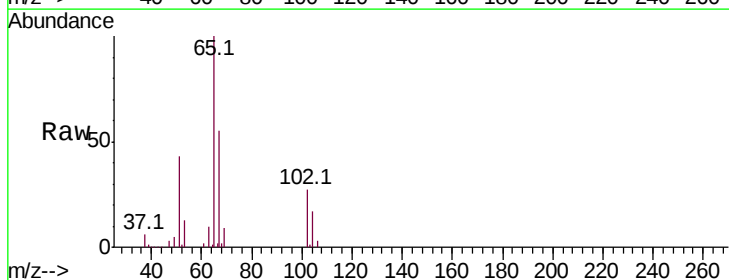


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

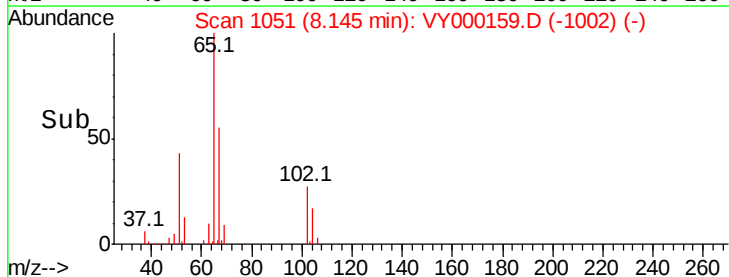
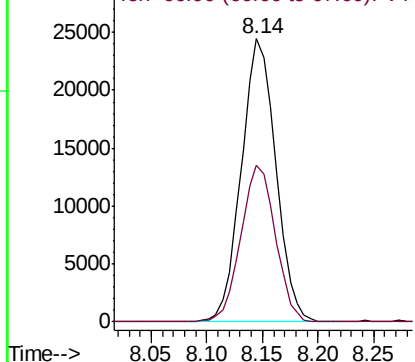


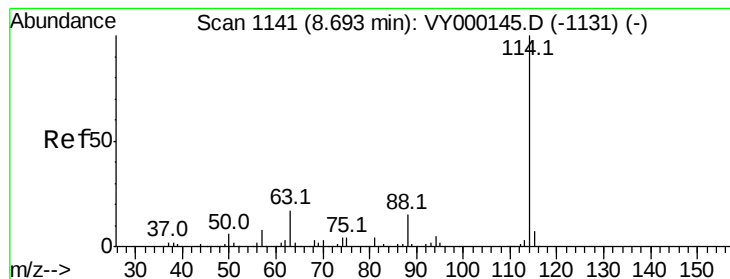
#33
1,2-Dichloroethane-d4
Concen: 54.646 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

Tgt Ion: 65 Resp: 52760
Ion Ratio Lower Upper
65 100
67 55.5 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: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :
MSVOA_Y
ClientSampled :

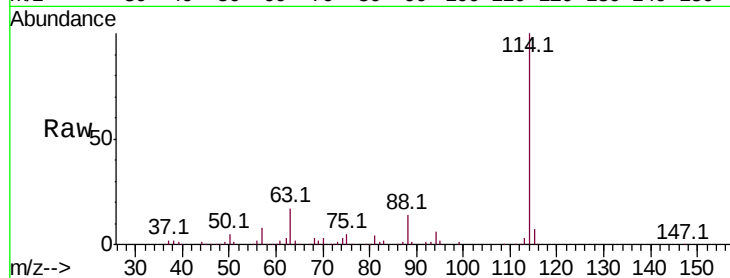
Tot Ion:114 Resp: 204771

Ion Ratio Lower Upper

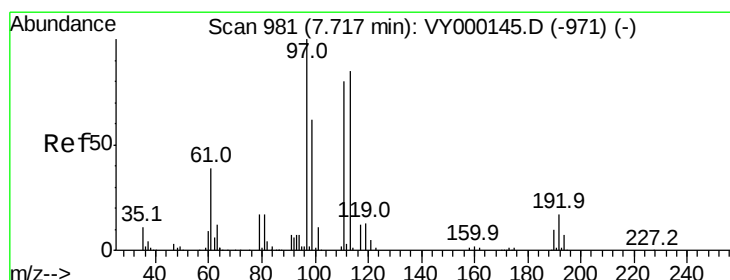
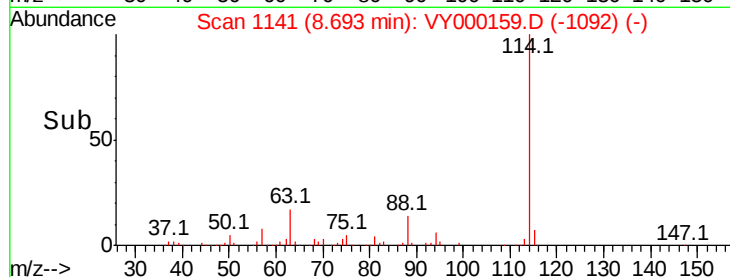
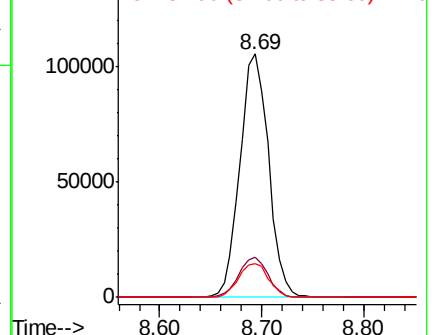
114 100

63 16.6 0.0 34.6

88 13.8 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: 52.360 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

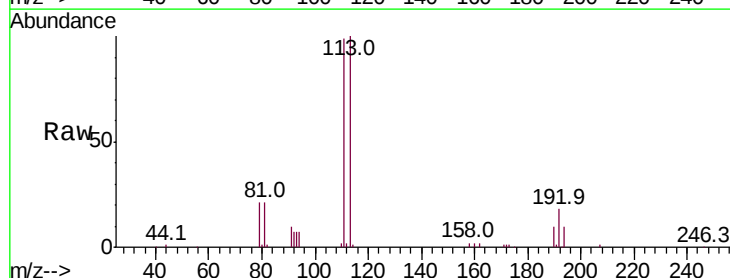
Tgt Ion:113 Resp: 56150

Ion Ratio Lower Upper

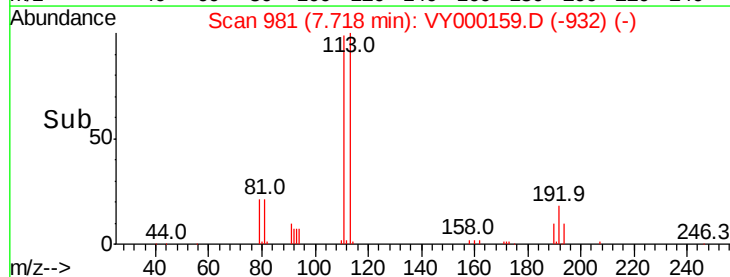
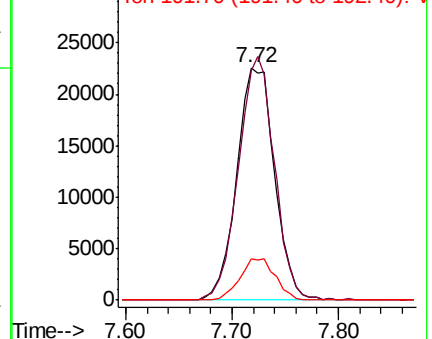
113 100

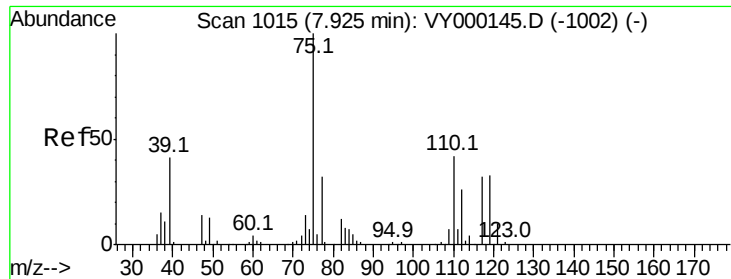
111 99.9 82.0 123.0

192 17.0 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

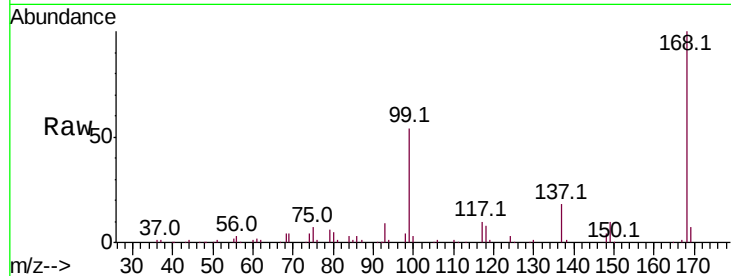




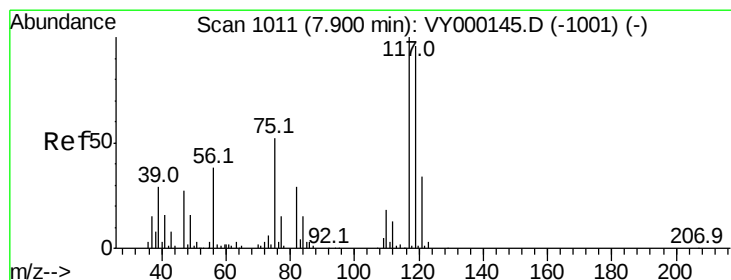
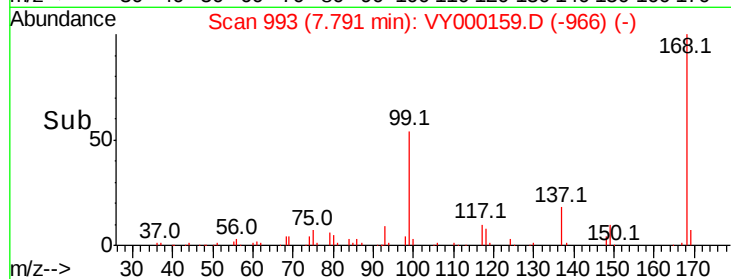
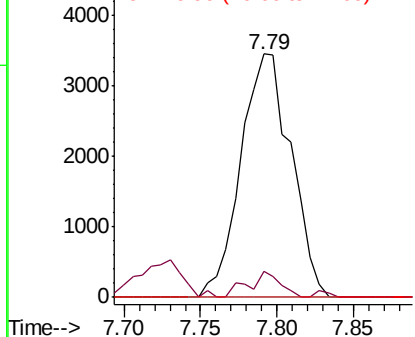
#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY000159.D
 Acq: 26 Sep 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	21.1	63.1#
77	0.0	24.6	36.8#

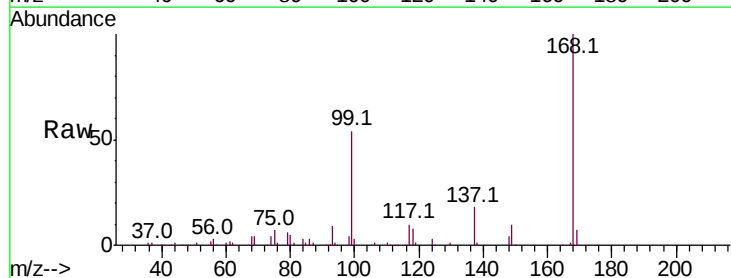


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

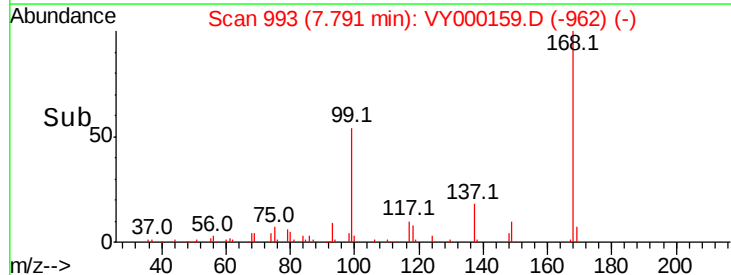
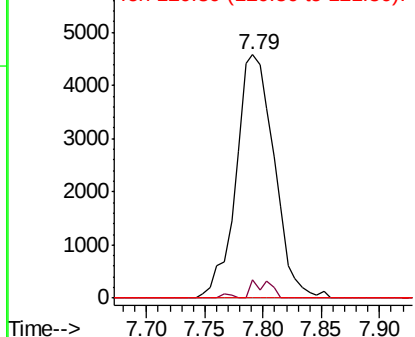


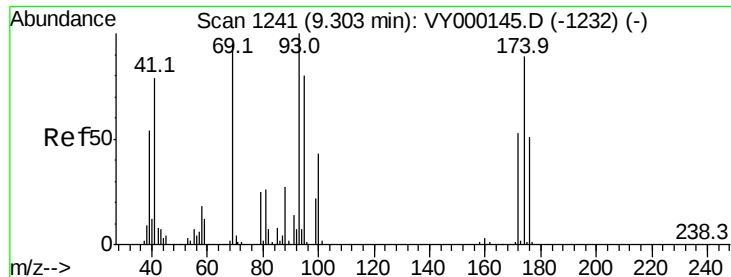
#38
 Carbon Tetrachloride
 Concen: 6.283 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VY000159.D
 Acq: 26 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.9	115.3#
121	0.0	27.4	41.0#



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





#49

1,4-Dioxane

Concen: 1.789 ug/l

RT: 9.07 min Scan# 1203

Delta R.T. -0.23 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :

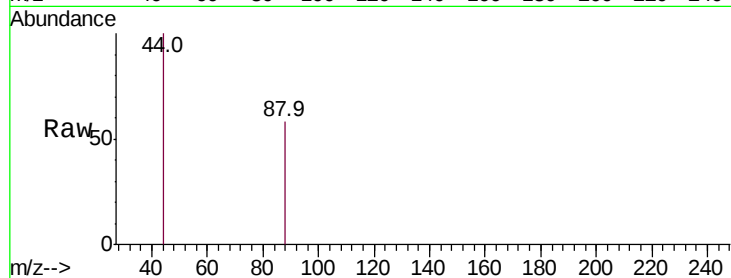
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

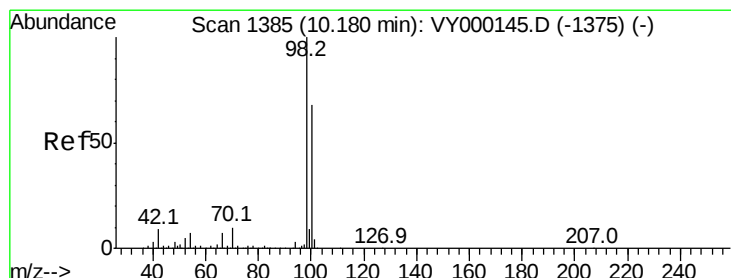
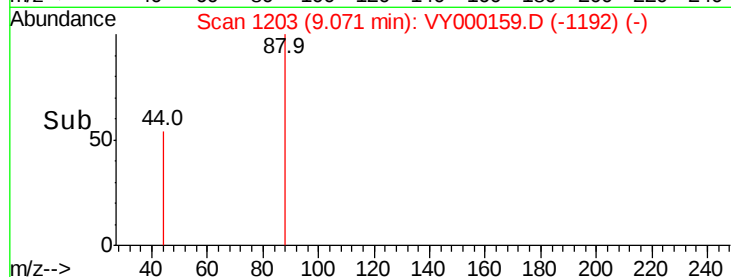
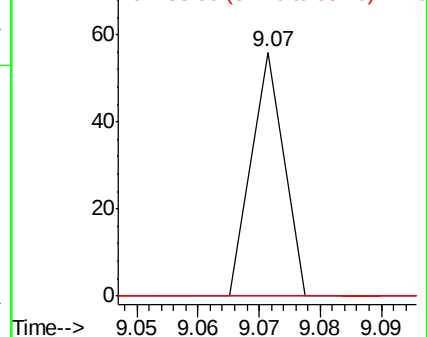
88 100

43 0.0 24.4 36.6#

58 0.0 49.2 73.8#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.113 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000159.D

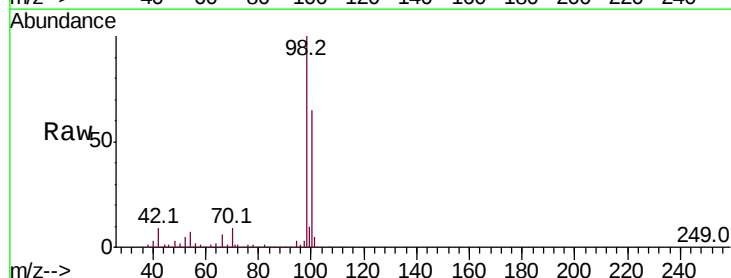
Acq: 26 Sep 2019 17:48

Tgt Ion: 98 Resp: 231949

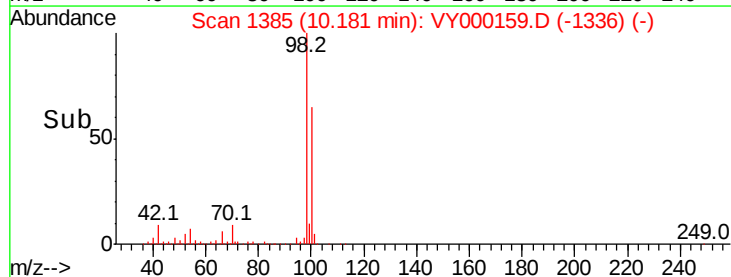
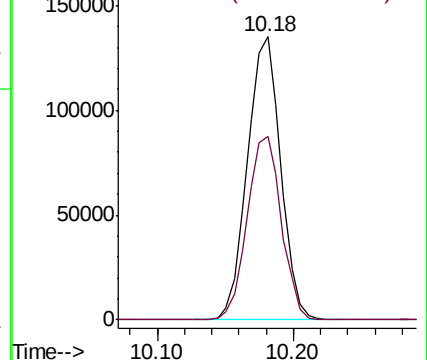
Ion Ratio Lower Upper

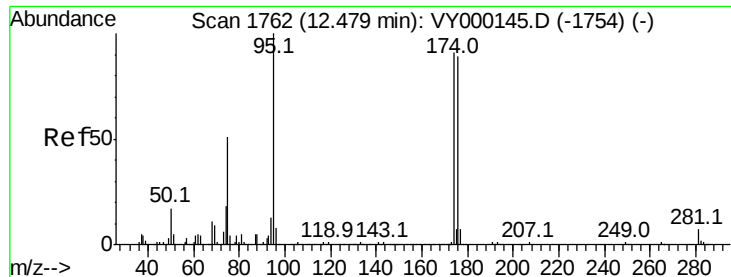
98 100

100 66.3 54.2 81.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

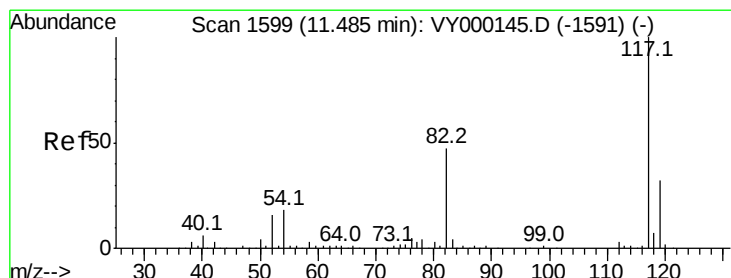
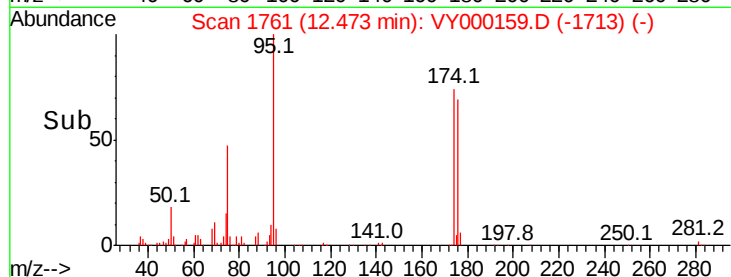
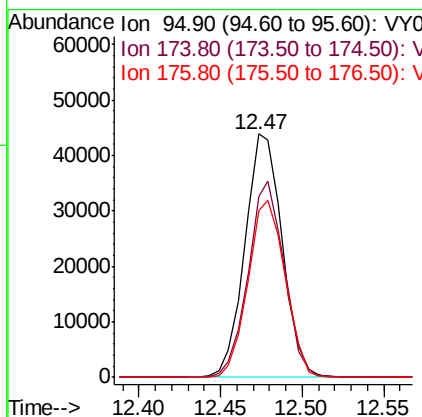
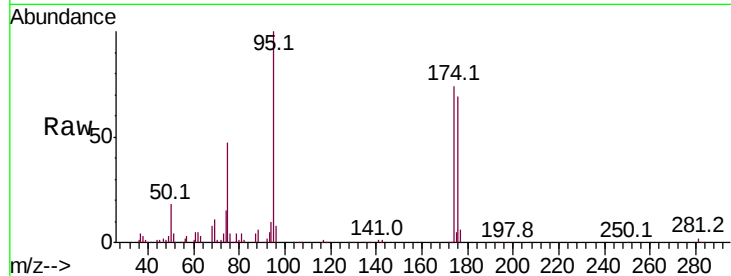




#62
4-Bromofluorobenzene
Concen: 42.164 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

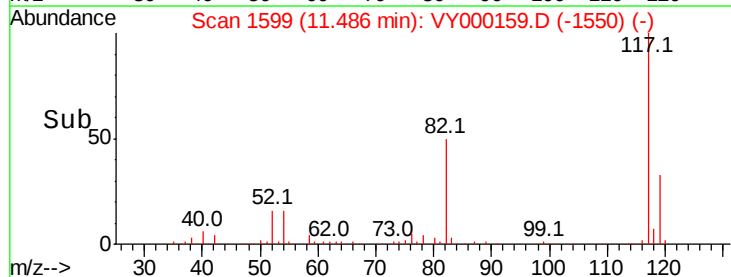
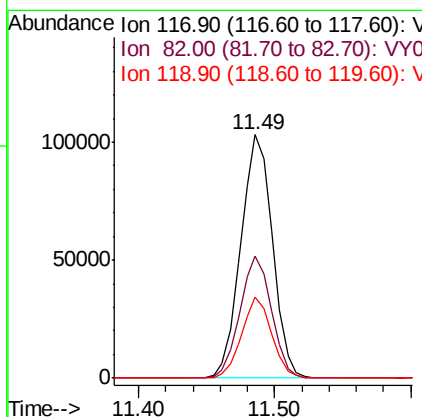
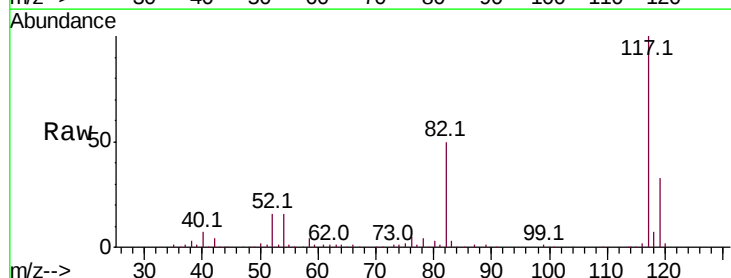
Instrument :
MSVOA_Y
ClientSampled :

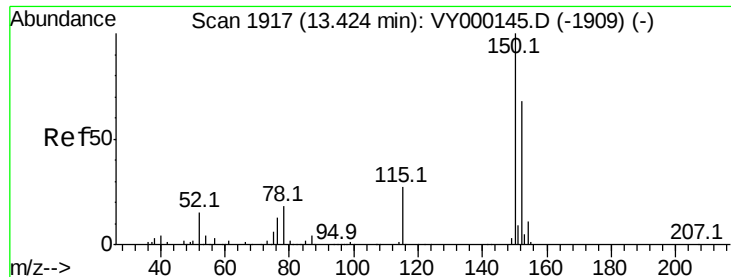
Tot Ion: 95 Resp: 69741
Ion Ratio Lower Upper
95 100
174 77.8 0.0 180.6
176 72.6 0.0 171.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

Tgt Ion: 117 Resp: 168567
Ion Ratio Lower Upper
117 100
82 50.0 37.7 56.5
119 33.2 25.4 38.2



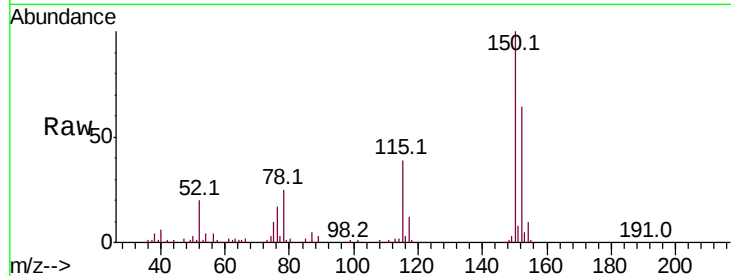


#72

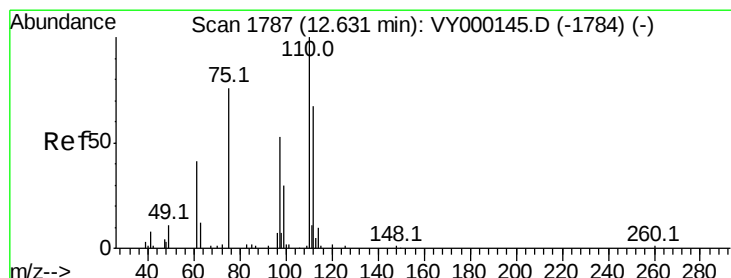
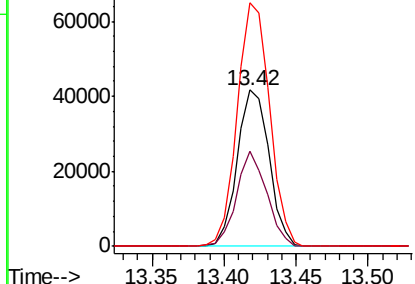
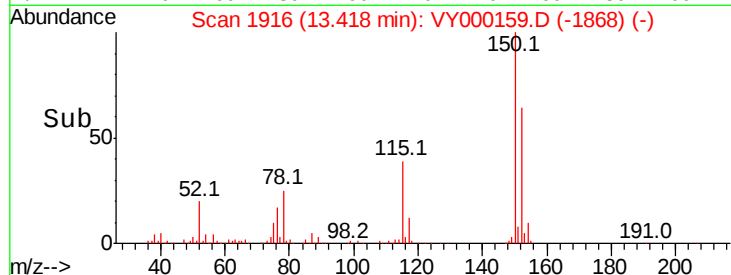
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 64263
Ion Ratio Lower Upper
152 100
115 57.5 26.8 80.4
150 157.6 0.0 347.8



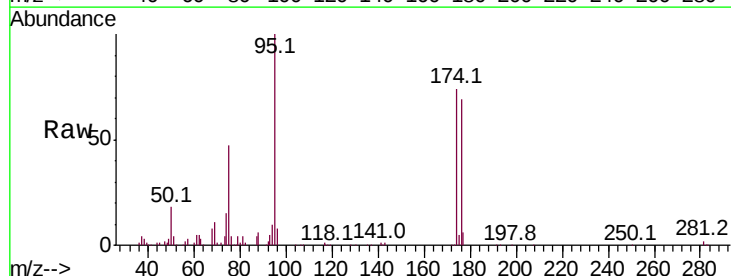
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



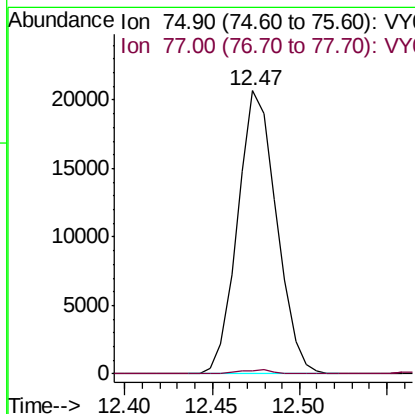
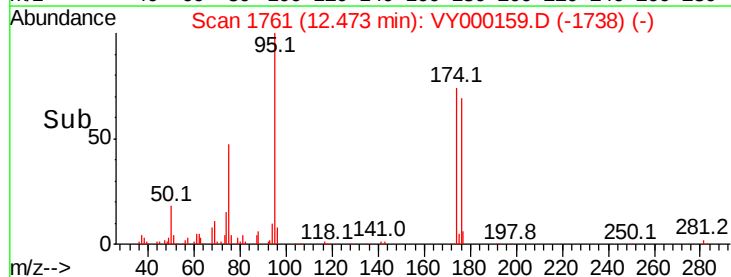
#76

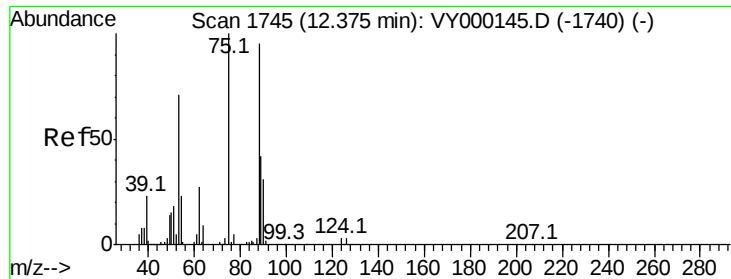
1,2,3-Trichloropropane
Concen: 49.306 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000159.D
Acq: 26 Sep 2019 17:48

Tgt Ion: 75 Resp: 31889
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: 98.258 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 31889

Ion Ratio Lower Upper

75 100

53 0.0 61.8 92.8#

89 0.0 35.6 53.4#

