

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000439.D
 Acq On : 25 Oct 2019 19:11
 Operator : SY/MD
 Sample : K5540-06
 Misc : 4.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	307954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	107368	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
35) Dibromofluoromethane	7.73	113	92891	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.18	98	362401	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.48	95	111944	41.24	ug/l	0.00
Spiked Amount			Recovery	=	82.48%	

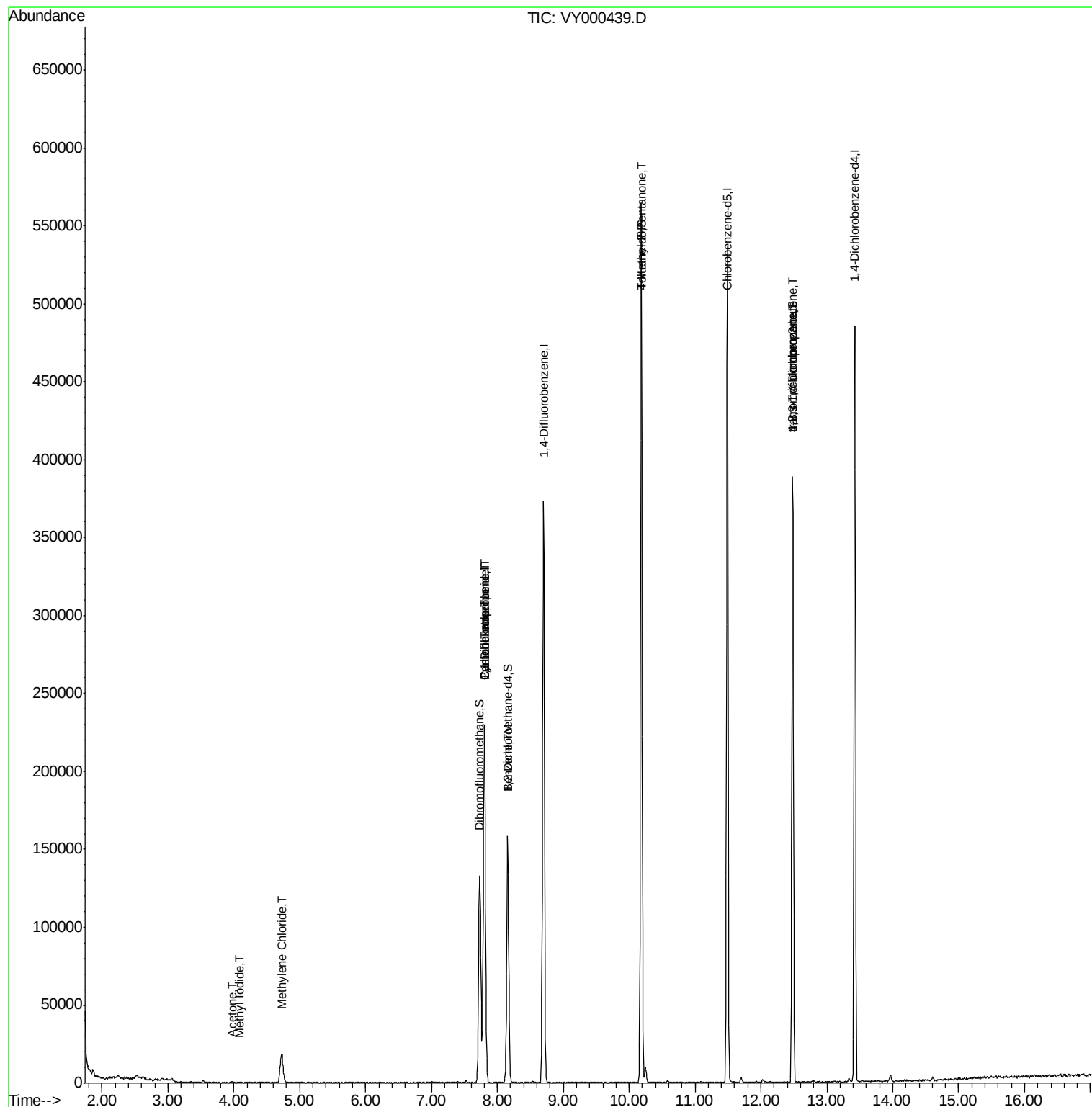
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	84	1.217	ug/l #	41
16) Acetone	3.96	43	950	1.542	ug/l #	42
20) Methylene Chloride	4.72	84	13515	1.208	ug/l	84
31) Cyclohexane	7.80	56	4396	1.208	ug/l #	8
36) 1,1-Dichloropropene	7.80	75	14204	4.711	ug/l #	45
38) Carbon Tetrachloride	7.81	117	16935	5.801	ug/l #	19
40) Benzene	8.16	78	12305	1.412	ug/l #	87
51) 4-Methyl-2-Pentanone	10.19	43	1755	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	60397	41.977	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	60397	91.845	ug/l #	14

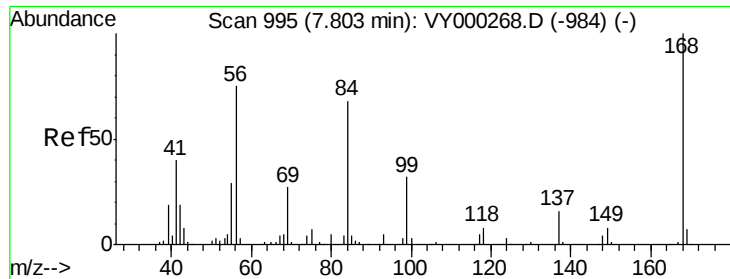
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000439.D
Acq On : 25 Oct 2019 19:11
Operator : SY/MD
Sample : K5540-06
Misc : 4.49G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:47:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

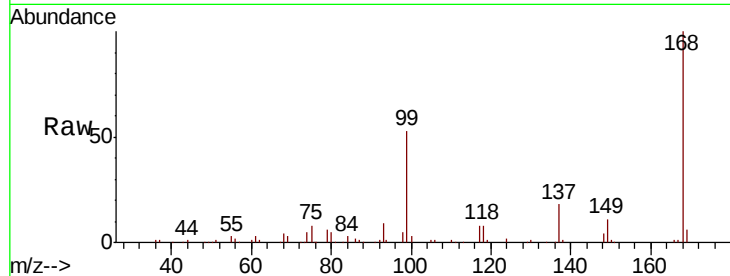
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 180294

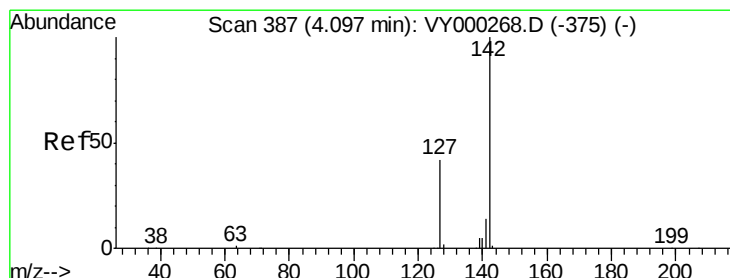
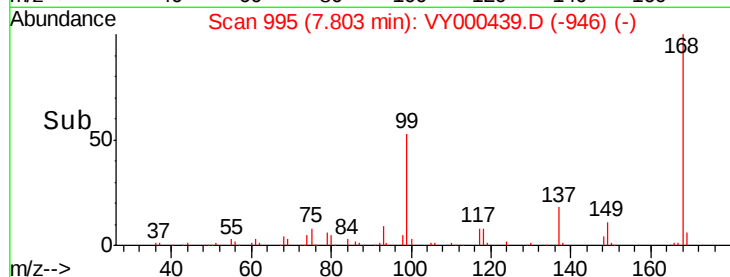
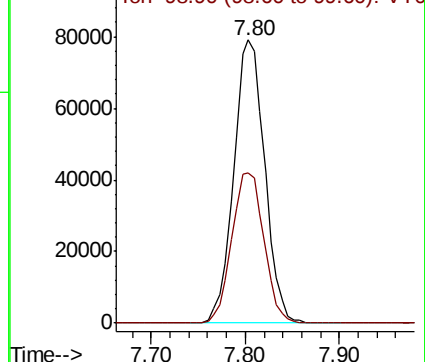
Ion Ratio Lower Upper

168 100

99 53.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 1.217 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

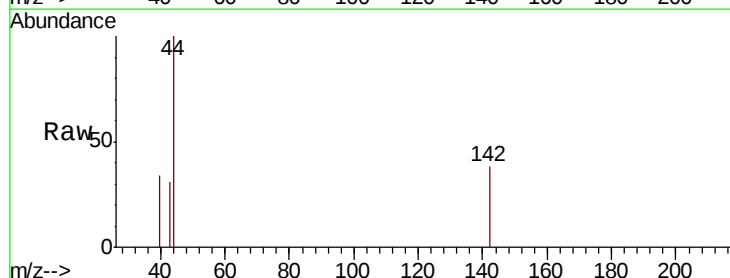
Tgt Ion:142 Resp: 84

Ion Ratio Lower Upper

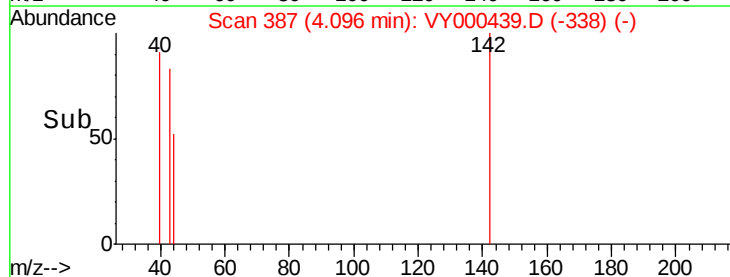
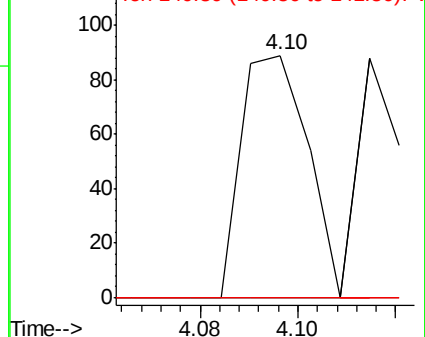
142 100

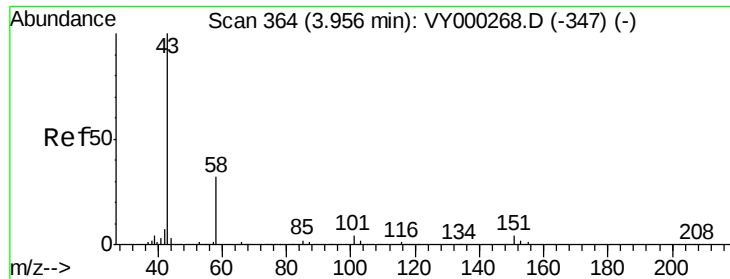
127 0.0 33.9 50.9#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 1.542 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_Y

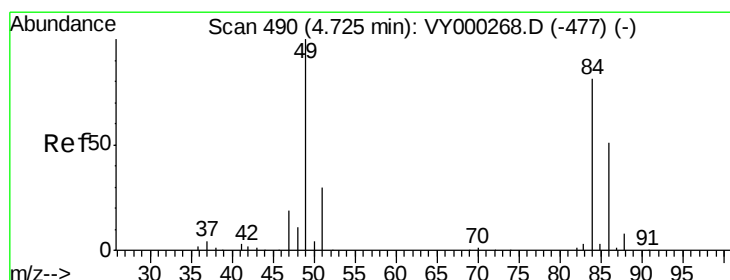
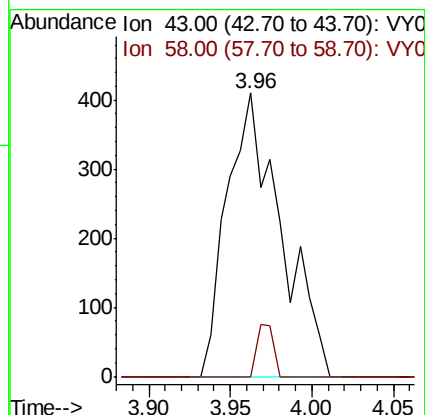
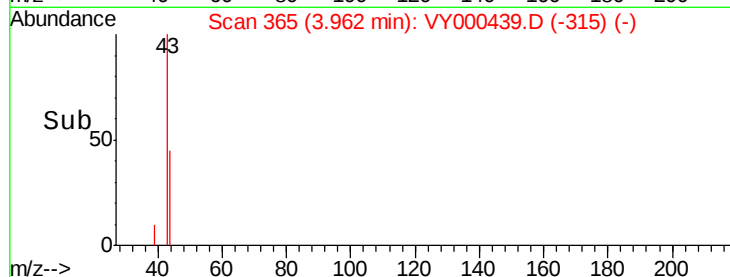
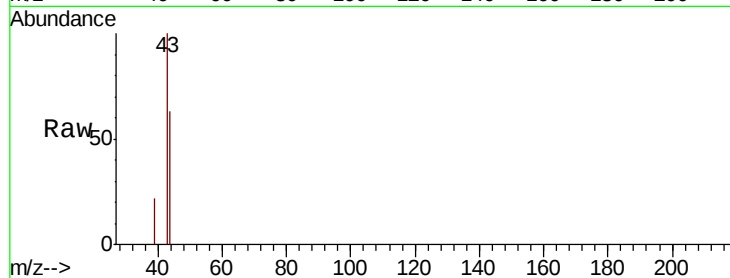
ClientSampleId :

Tot Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#20

Methylene Chloride

Concen: 1.208 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Tgt Ion: 84 Resp: 13515

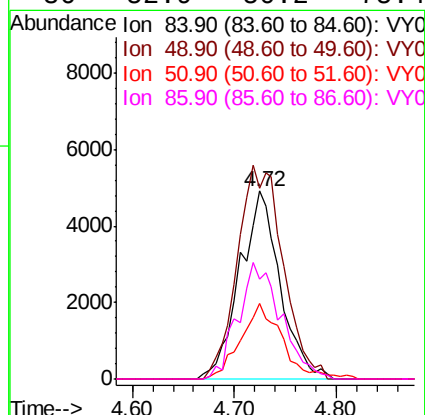
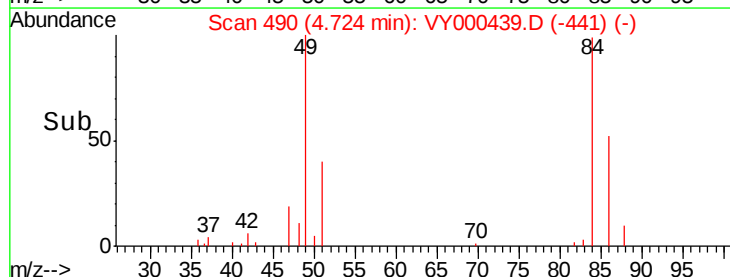
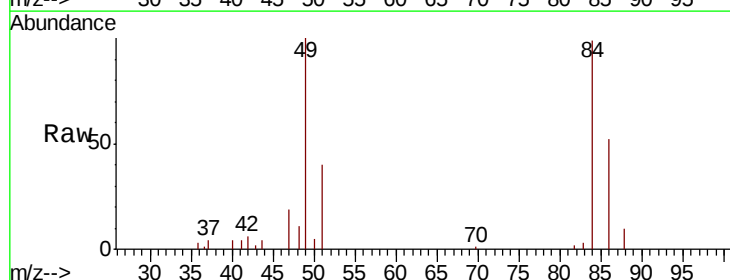
Ion Ratio Lower Upper

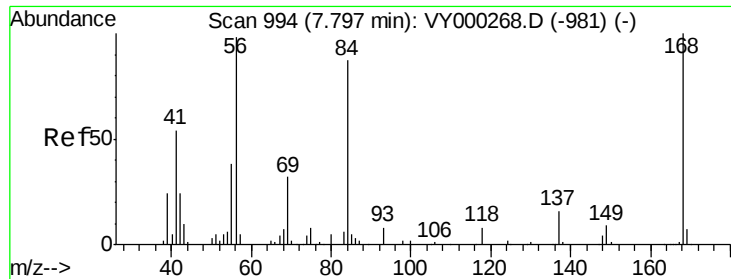
84 100

49 101.4 99.0 148.4

51 40.3 29.3 43.9

86 52.9 50.2 75.4

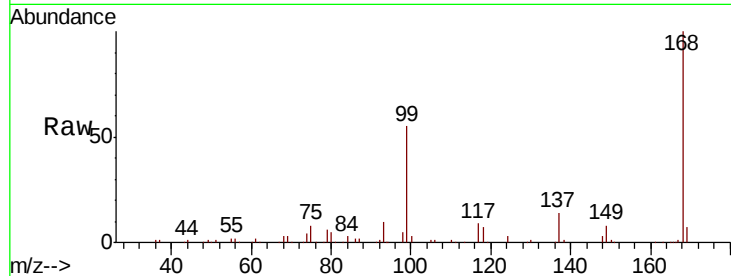




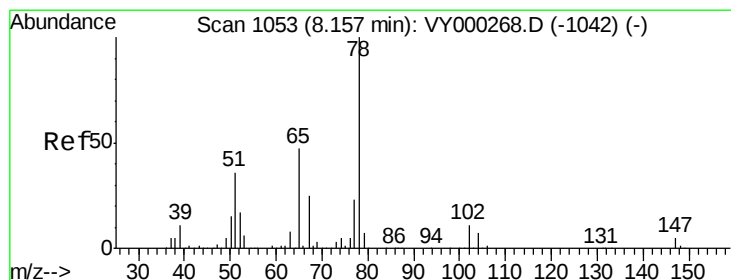
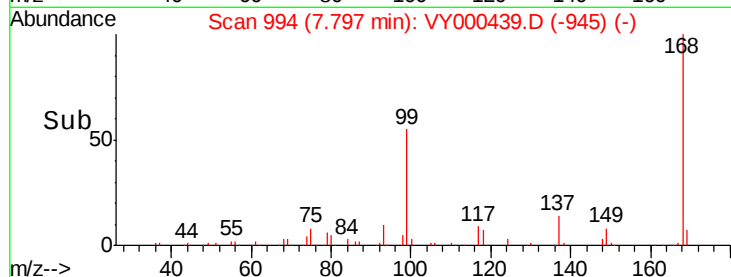
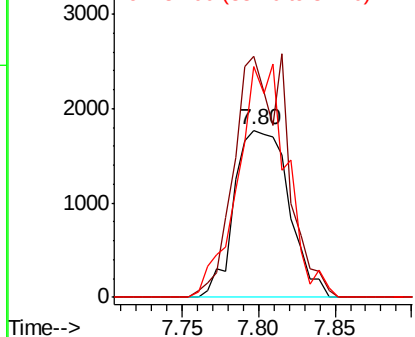
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4396
Ion Ratio Lower Upper
56 100
69 144.0 26.3 39.5#
84 138.0 70.8 106.2#

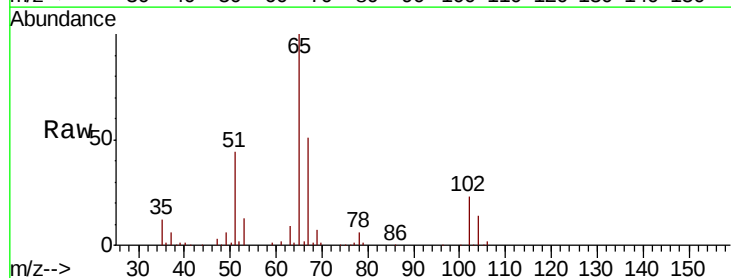


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

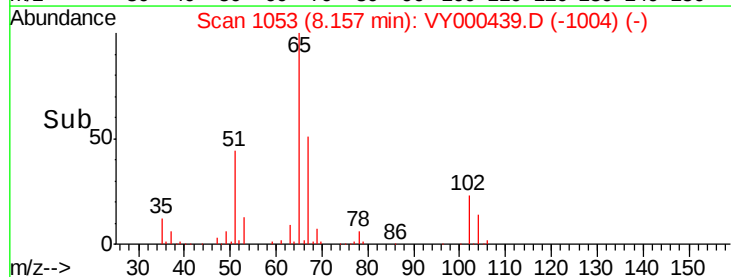
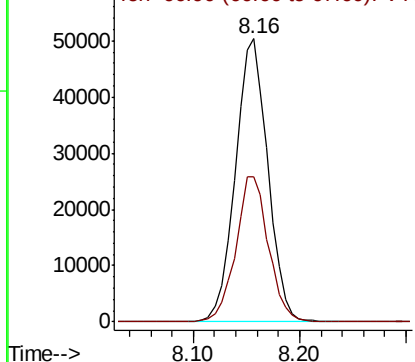


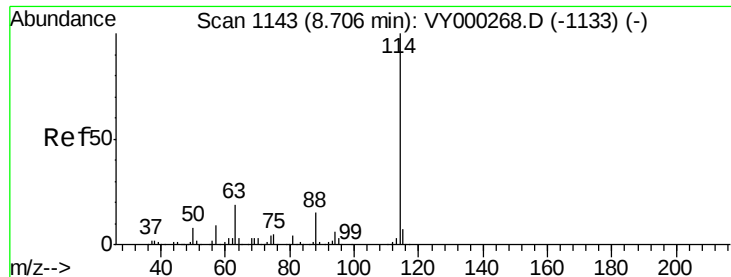
#33
1,2-Dichloroethane-d4
Concen: 56.455 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Tgt Ion: 65 Resp: 107368
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

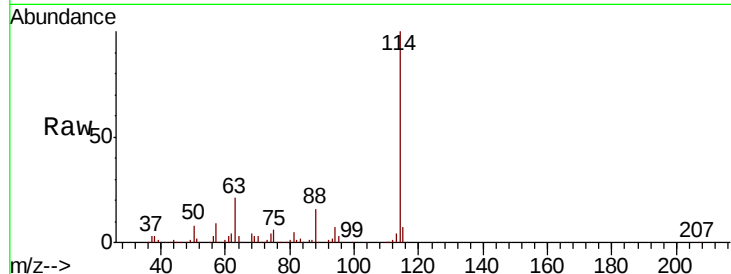




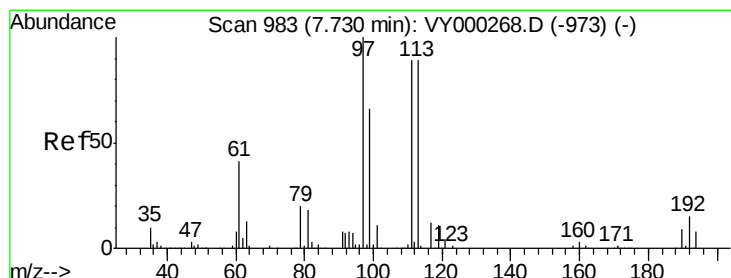
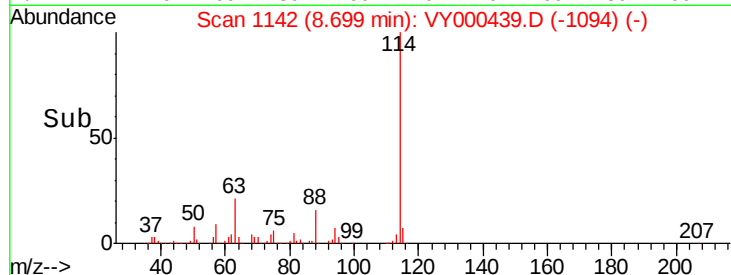
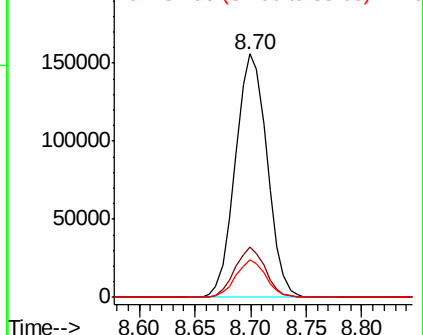
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000439.D
 Acq: 25 Oct 2019 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 307954
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.2
 88 15.6 0.0 30.2

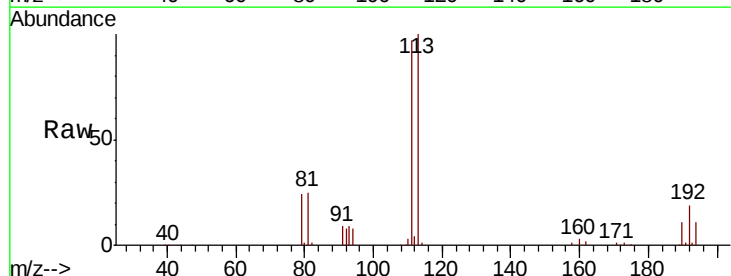


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

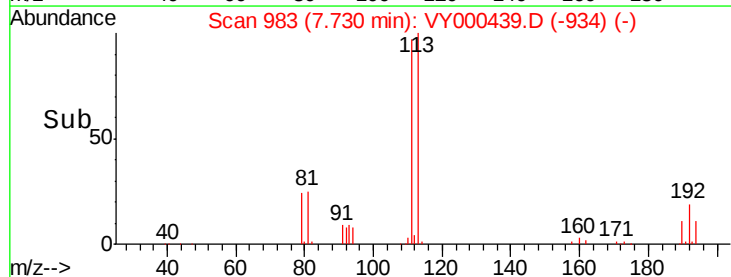
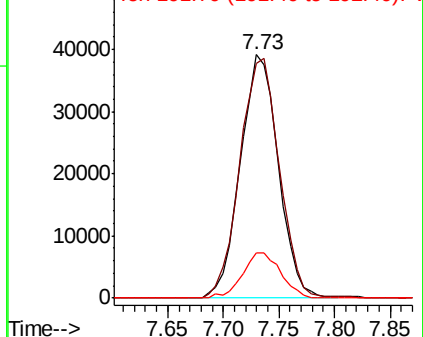


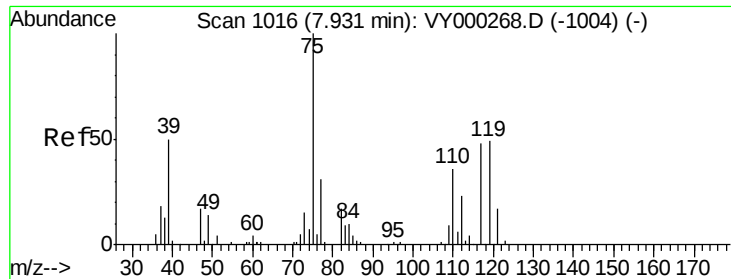
#35
 Dibromofluoromethane
 Concen: 50.006 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000439.D
 Acq: 25 Oct 2019 19:11

Tgt Ion:113 Resp: 92891
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 18.8 15.3 22.9



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

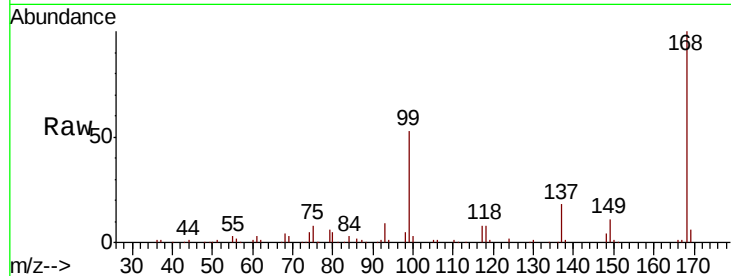




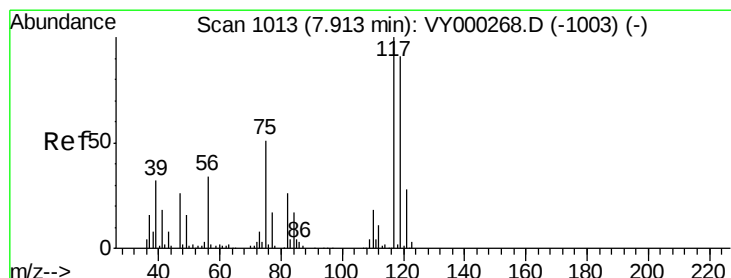
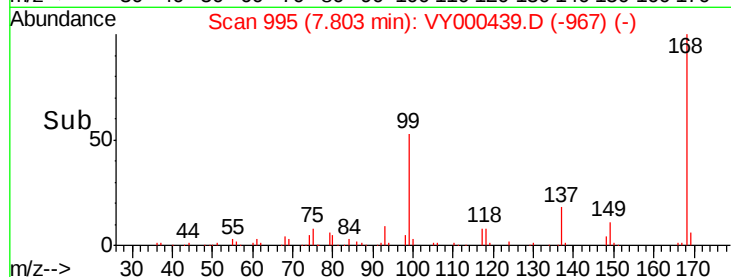
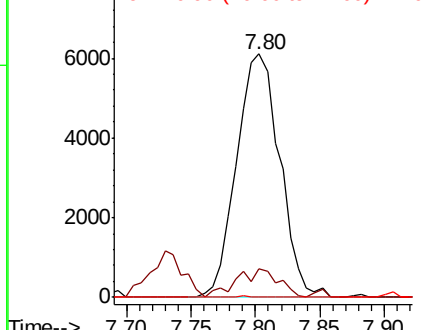
#36
 1,1-Dichloropropene
 Concen: 4.711 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000439.D
 Acq: 25 Oct 2019 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	14204
Ion Ratio	Lower	Upper	
75	100		
110	5.3	18.4	55.4#
77	0.0	25.0	37.6#

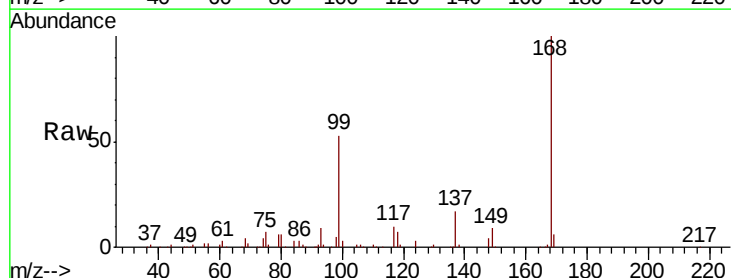


Abundance Ion 74.90 (74.60 to 75.60): VY000439.D (-967) (-)

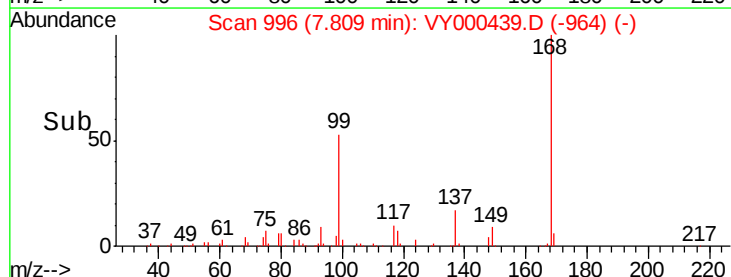
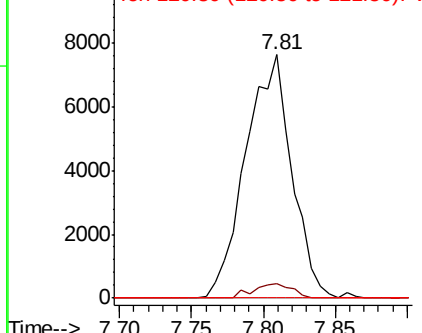


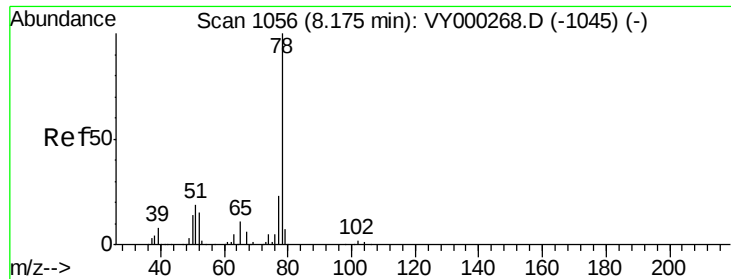
#38
 Carbon Tetrachloride
 Concen: 5.801 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY000439.D
 Acq: 25 Oct 2019 19:11

Tgt Ion	117	Resp	16935
Ion Ratio	Lower	Upper	
117	100		
119	5.8	72.8	109.2#
121	0.0	22.2	33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY000439.D (-964) (-)





#40

Benzene

Concen: 1.412 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_Y

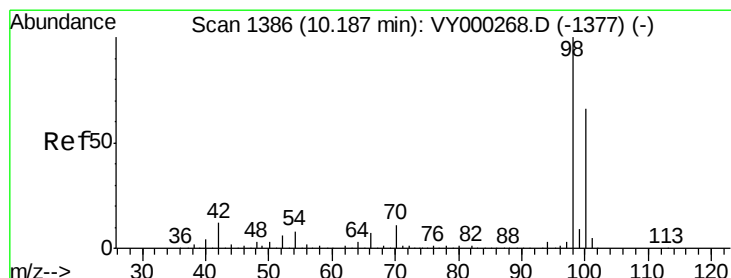
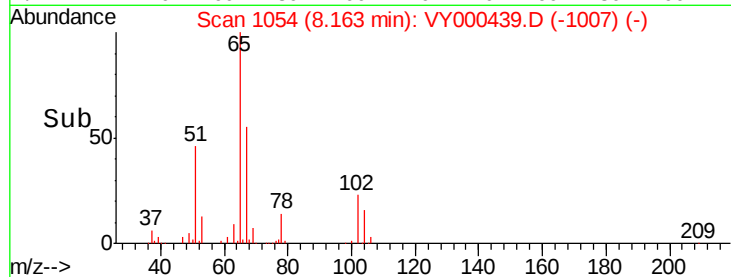
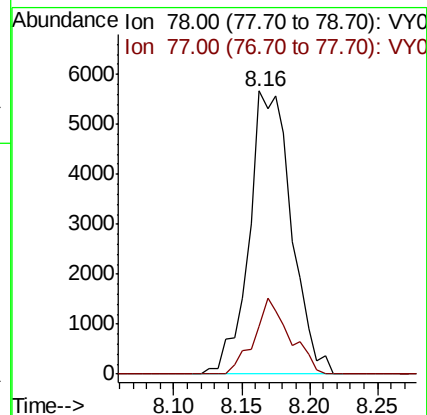
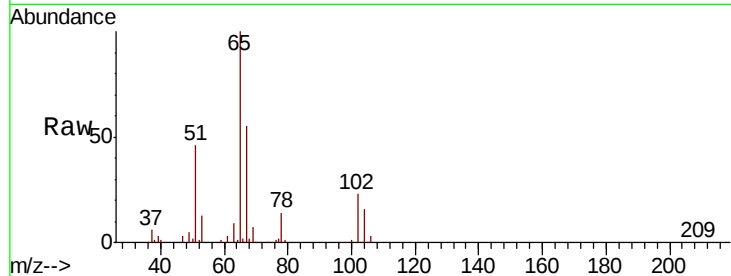
ClientSampleId :

Tot Ion: 78 Resp: 12305

Ion Ratio Lower Upper

78 100

77 17.0 18.8 28.2#



#50

Toluene-d8

Concen: 50.716 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000439.D

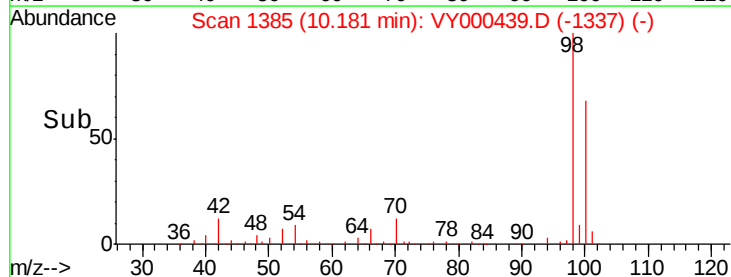
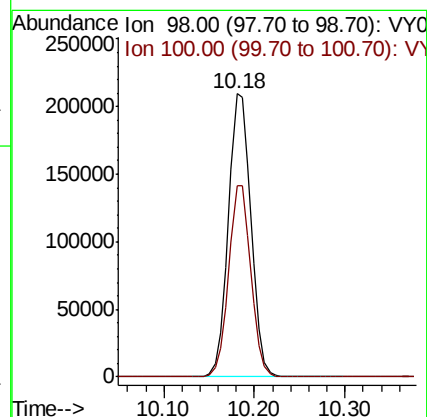
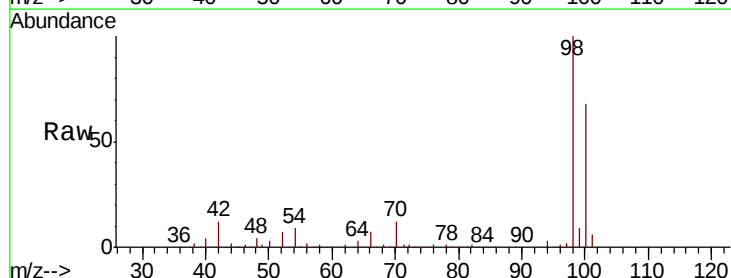
Acq: 25 Oct 2019 19:11

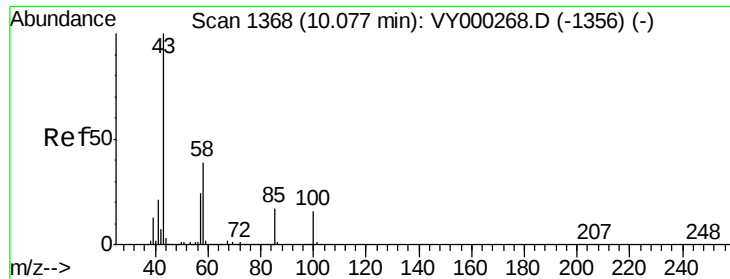
Tgt Ion: 98 Resp: 362401

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2

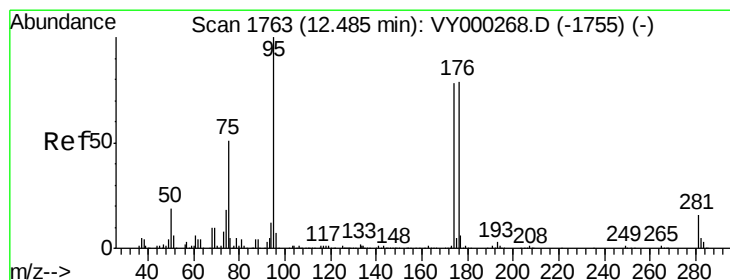
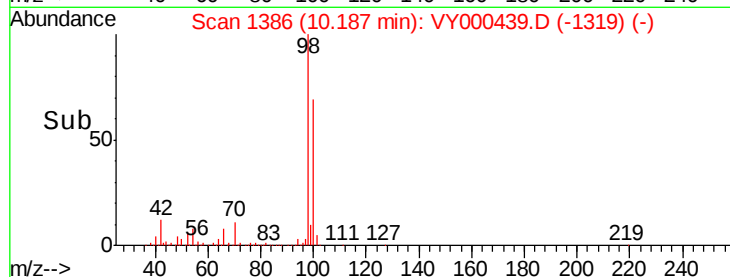
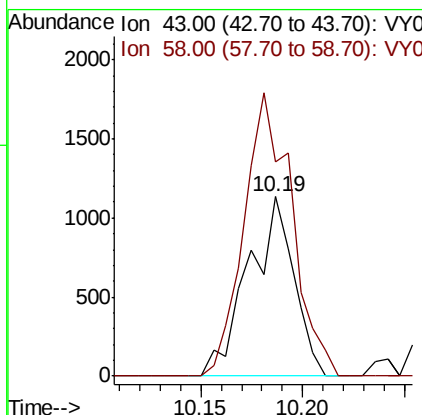
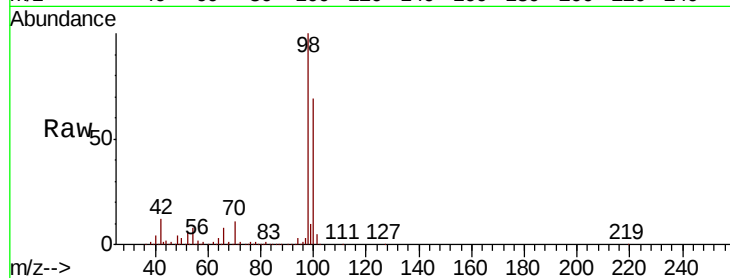




#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.11 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

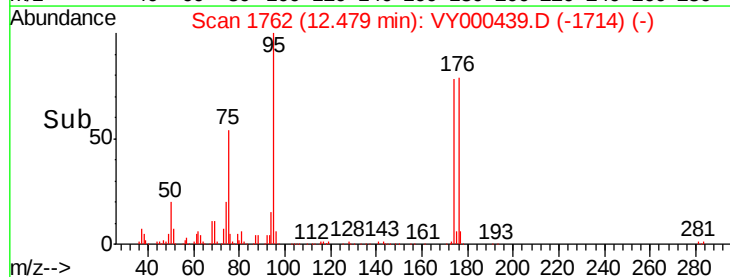
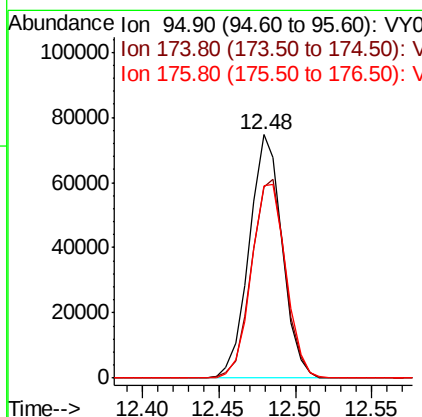
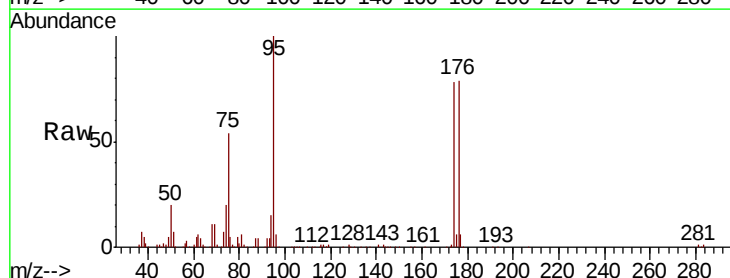
Instrument :
MSVOA_Y
ClientSampleId :

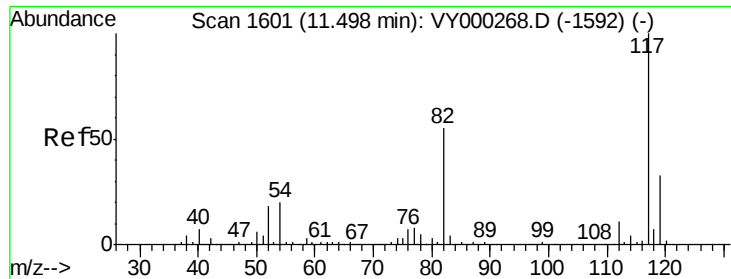
Tot Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
58 166.0 31.0 46.6#



#62
4-Bromofluorobenzene
Concen: 41.236 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Tgt Ion: 95 Resp: 111944
Ion Ratio Lower Upper
95 100
174 83.8 0.0 159.6
176 84.0 0.0 153.8

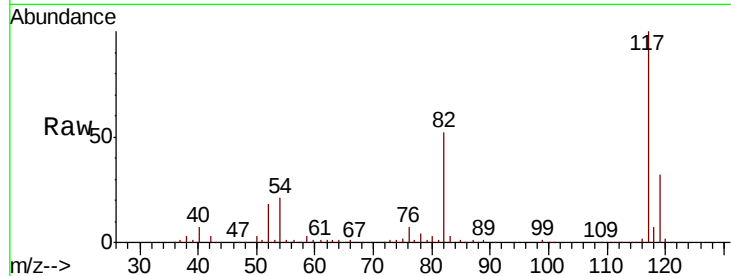




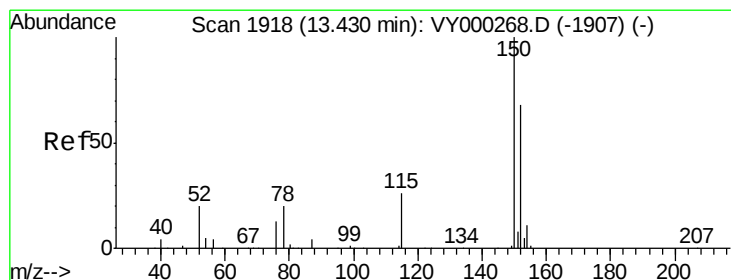
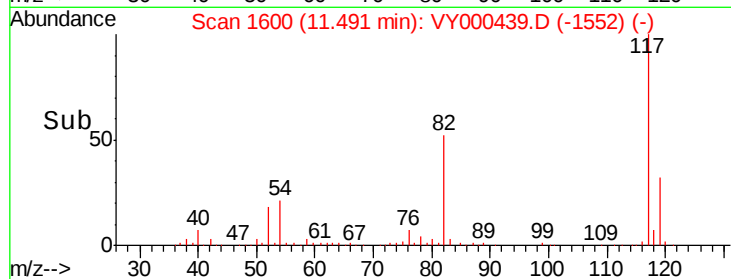
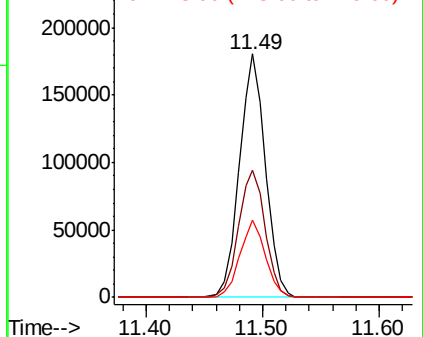
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 279232
Ion Ratio Lower Upper
117 100
82 52.1 43.7 65.5
119 31.9 26.6 39.8

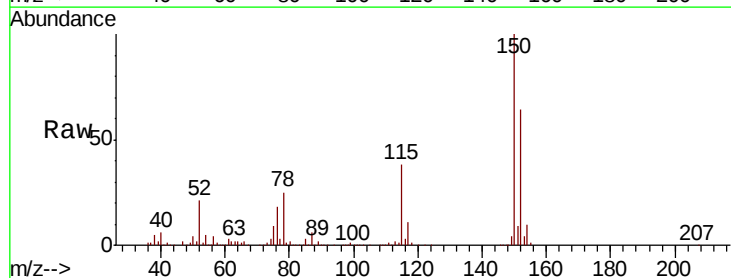


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

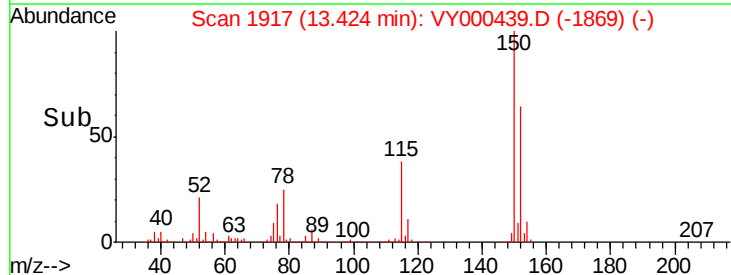
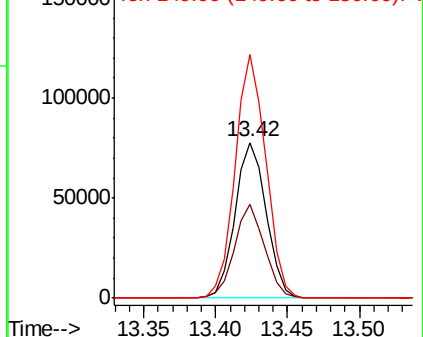


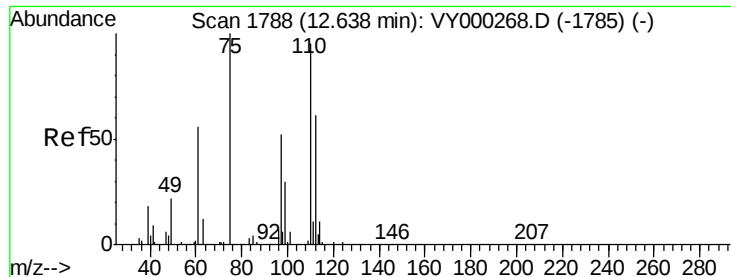
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Tgt Ion:152 Resp: 117008
Ion Ratio Lower Upper
152 100
115 58.3 29.3 88.0
150 154.2 0.0 348.4



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: 41.977 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_Y

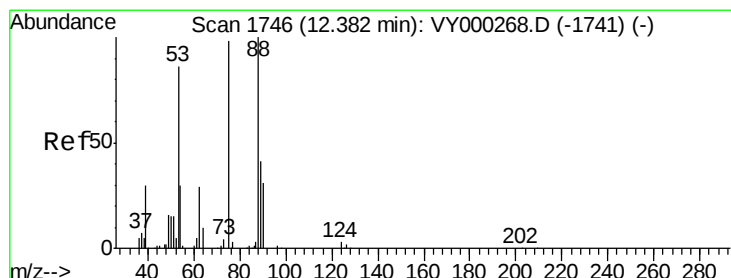
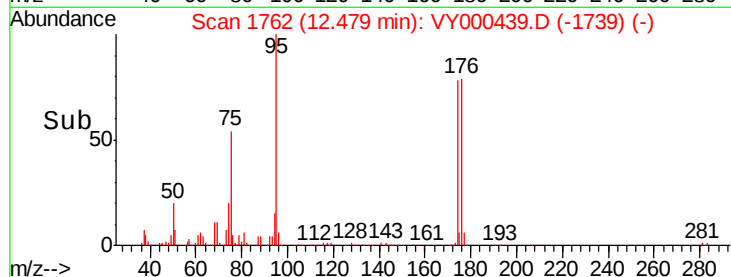
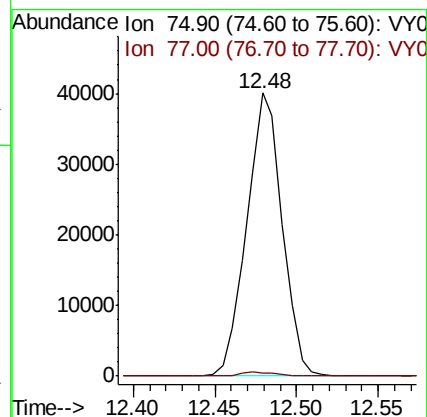
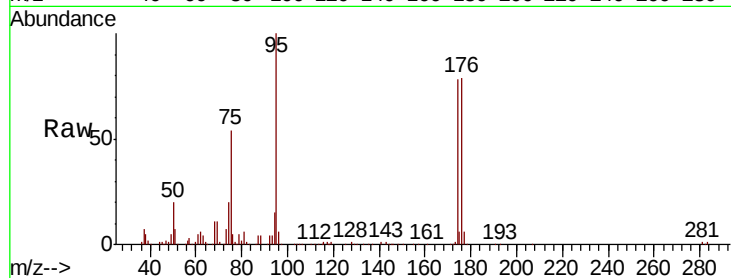
ClientSampleId :

Tot Ion: 75 Resp: 60397

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.845 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Tgt Ion: 75 Resp: 60397

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

