

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000343.D
 Acq On : 18 Oct 2019 11:23
 Operator : SY/MD
 Sample : VY1018SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:51:51 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

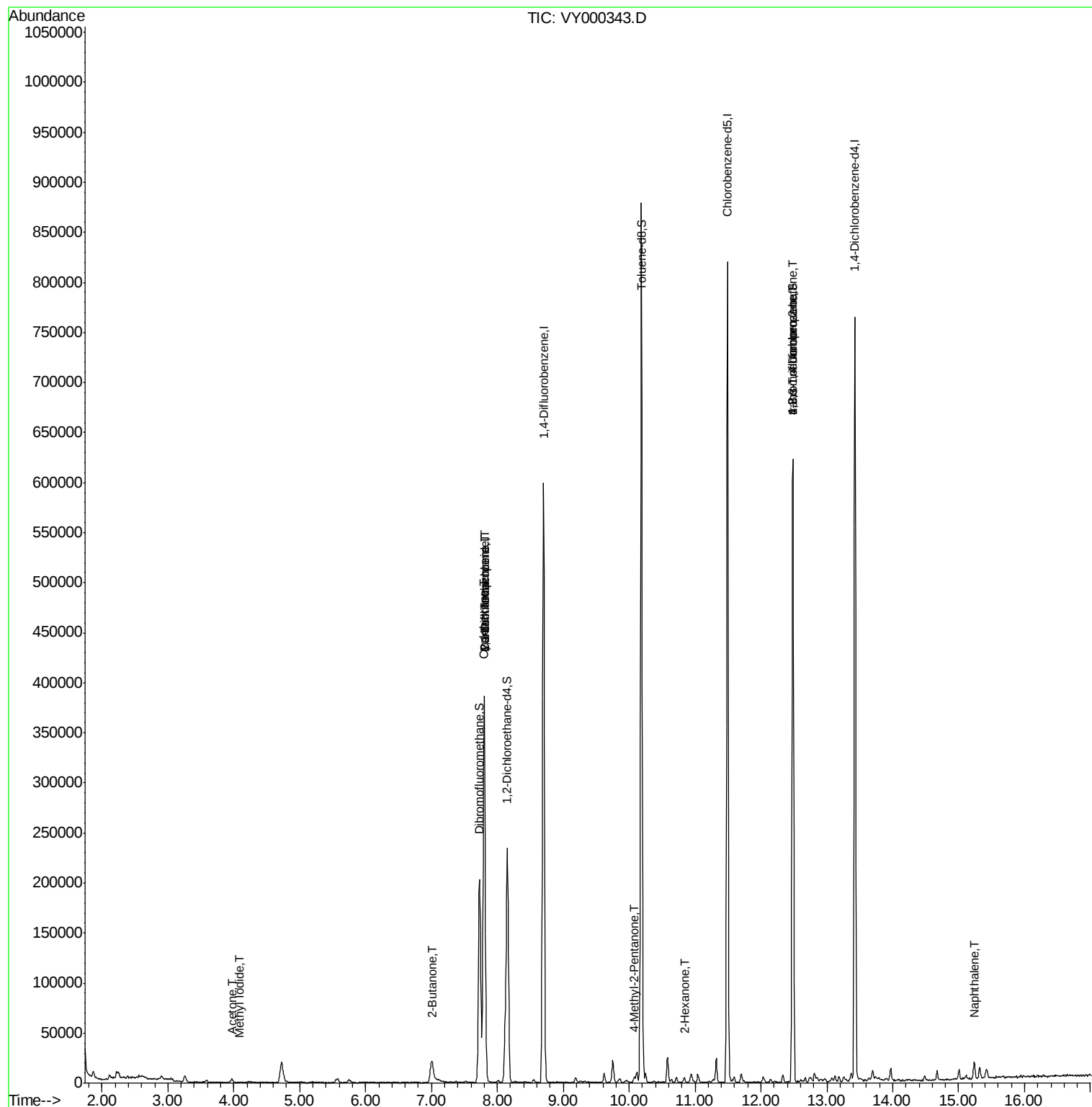
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	301642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	500196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	423508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162388	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.73	113	143160	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.19	98	573387	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.49	95	186056	42.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	162	Below Cal	#	41
10) Methyl Iodide	4.08	142	84	1.205	ug/l #	41
16) Acetone	3.97	43	5859	5.686	ug/l #	82
20) Methylene Chloride	4.72	84	14896	Below Cal		93
25) 2-Butanone	7.02	43	3151	2.171	ug/l #	78
31) Cyclohexane	7.79	56	8048	1.322	ug/l #	23
36) 1,1-Dichloropropene	7.80	75	23907	4.882	ug/l #	50
38) Carbon Tetrachloride	7.80	117	29480	6.217	ug/l #	19
51) 4-Methyl-2-Pentanone	10.08	43	5134	1.805	ug/l #	85
59) 2-Hexanone	10.83	43	3250	1.628	ug/l	96
76) 1,2,3-Trichloropropane	12.48	75	100052	44.170	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	100052	96.642	ug/l #	14
95) Naphthalene	15.23	128	11414	1.289	ug/l #	90

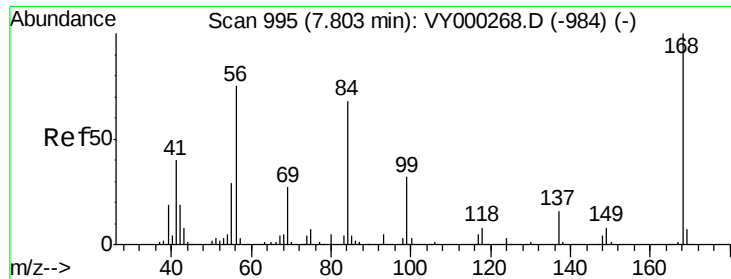
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
Data File : VY000343.D
Acq On : 18 Oct 2019 11:23
Operator : SY/MD
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MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:51:51 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: VY000343.D

Acq: 18 Oct 2019 11:23

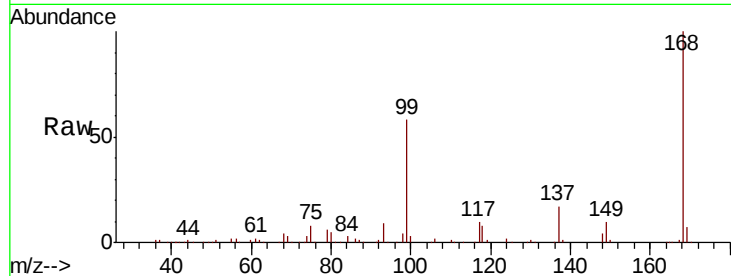
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 301642

Ion Ratio Lower Upper

168 100

99 57.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000343.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000343.D (-946) (-)

7.80

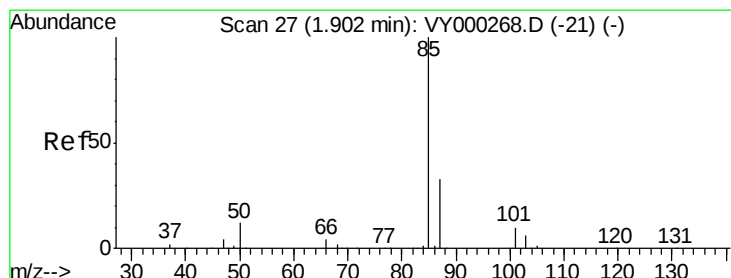
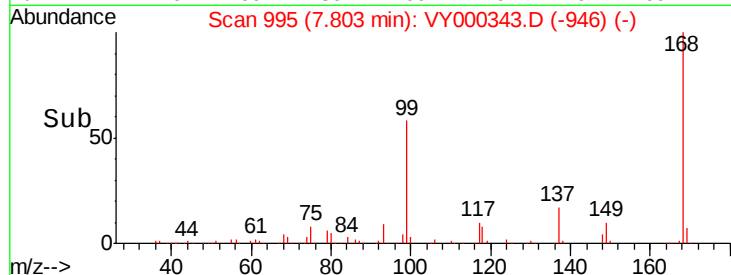
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000343.D

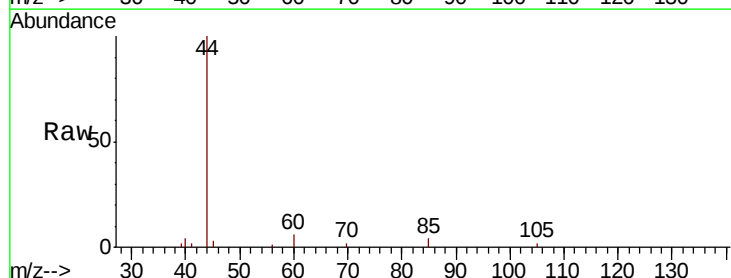
Acq: 18 Oct 2019 11:23

Tgt Ion: 85 Resp: 162

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000343.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000343.D (-1) (-)

1.90

200

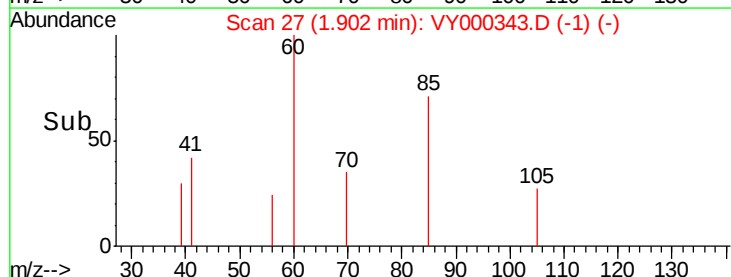
150

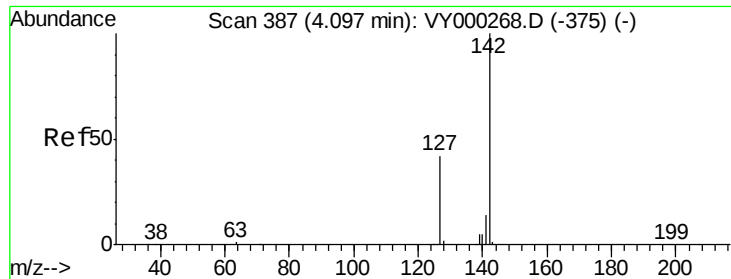
100

50

0

Time-->

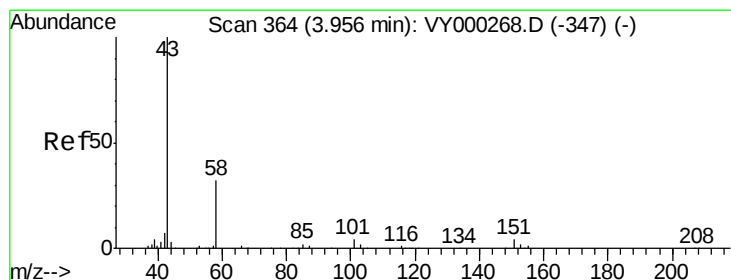
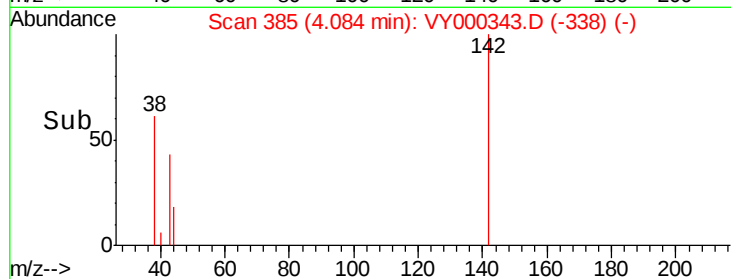
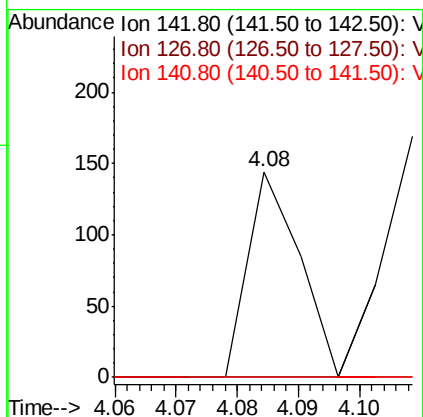
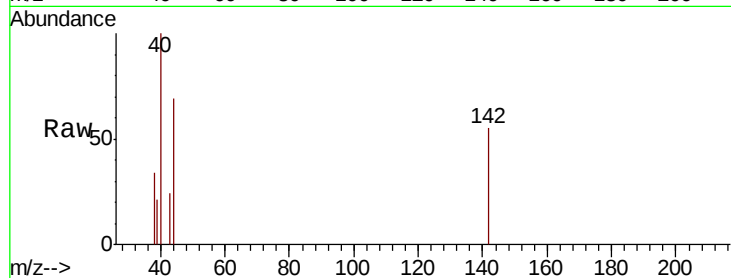




#10
Methvl Iodide
Concen: 1.205 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

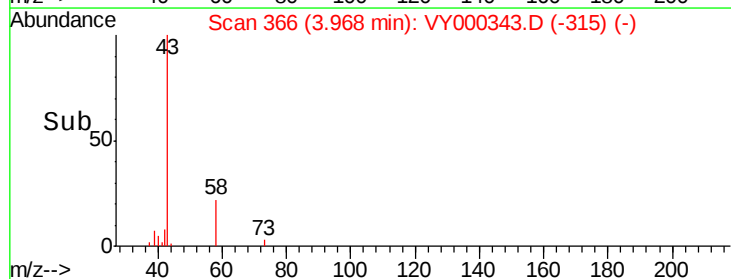
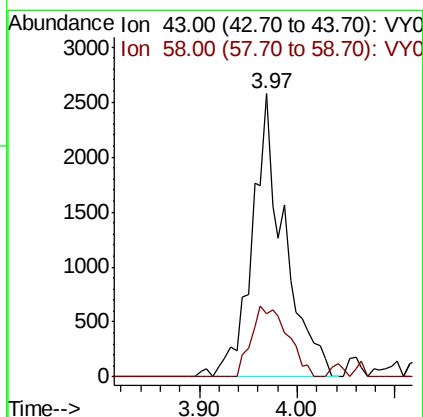
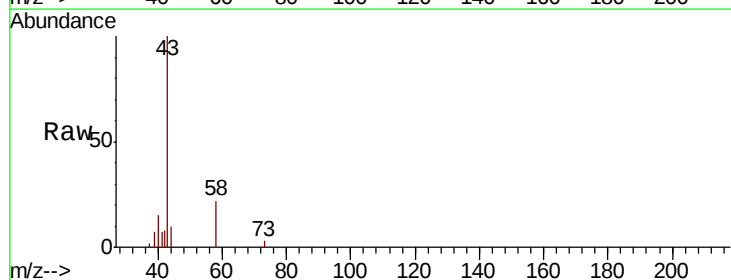
Instrument :
MSVOA_Y
ClientSampled :

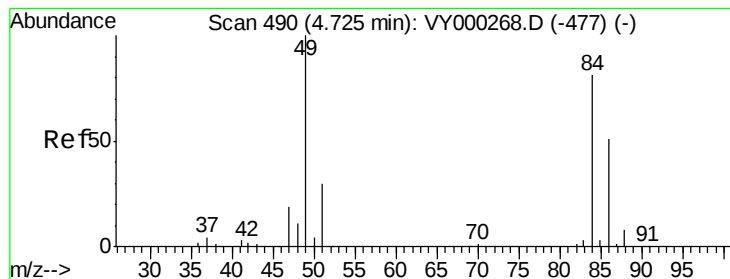
Tot Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 5.686 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 22.2 25.8 38.6#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000343.D

Acq: 18 Oct 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 14896

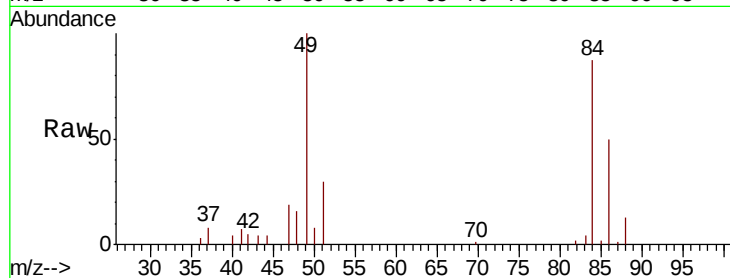
Ion Ratio Lower Upper

84 100

49 114.4 99.0 148.4

51 34.5 29.3 43.9

86 57.5 50.2 75.4

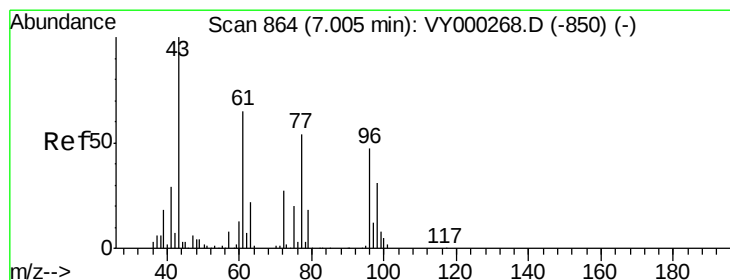
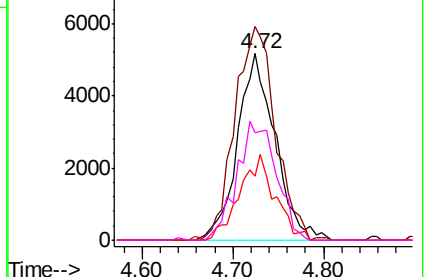
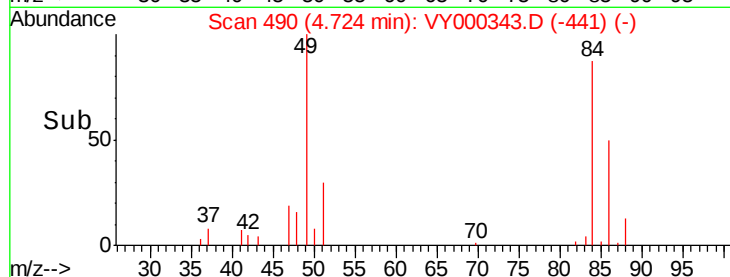


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25

2-Butanone

Concen: 2.171 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY000343.D

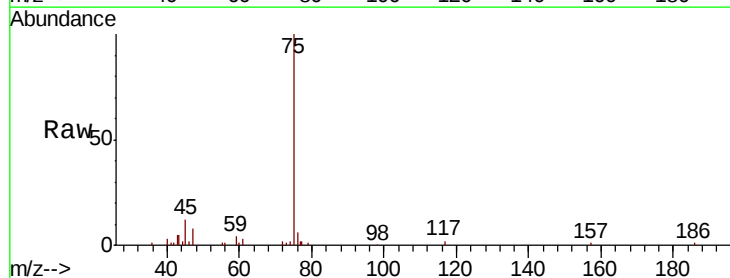
Acq: 18 Oct 2019 11:23

Tgt Ion: 43 Resp: 3151

Ion Ratio Lower Upper

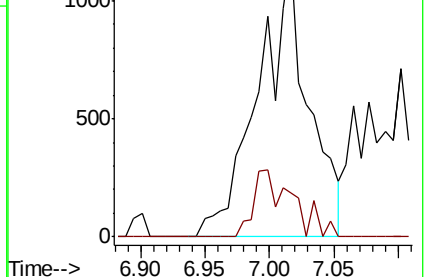
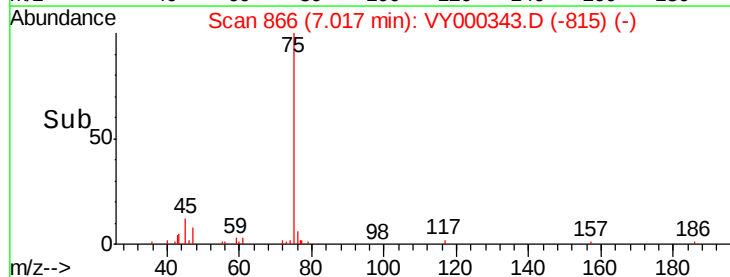
43 100

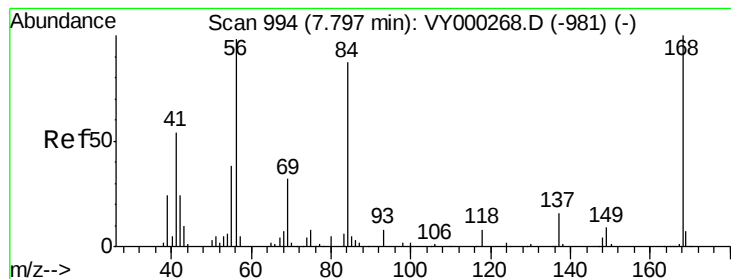
72 15.5 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.322 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000343.D

Acq: 18 Oct 2019 11:23

Instrument :

MSVOA_Y

ClientSampled :

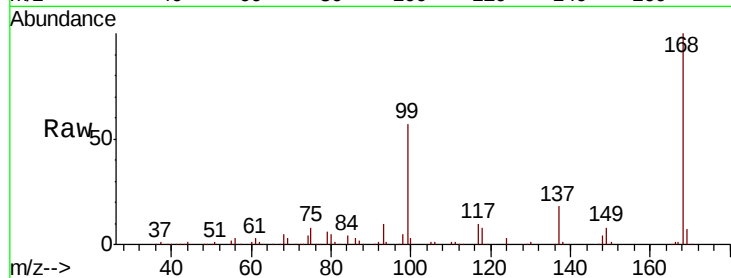
Tot Ion: 56 Resp: 8048

Ion Ratio Lower Upper

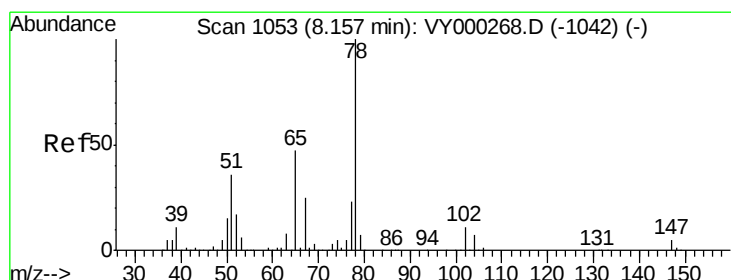
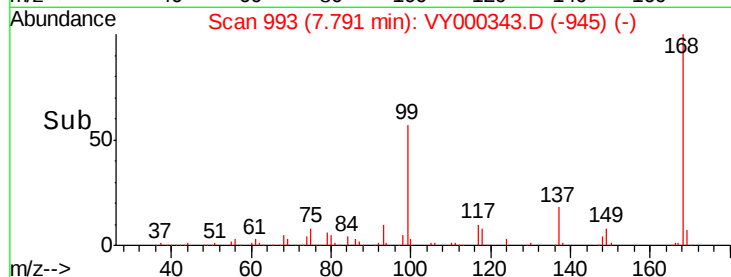
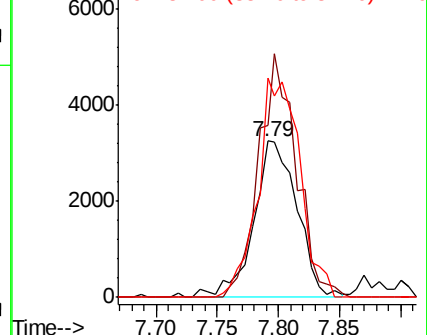
56 100

69 110.3 26.3 39.5#

84 140.1 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: 51.036 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000343.D

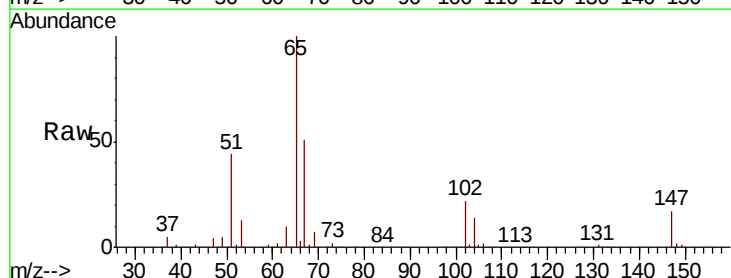
Acq: 18 Oct 2019 11:23

Tgt Ion: 65 Resp: 162388

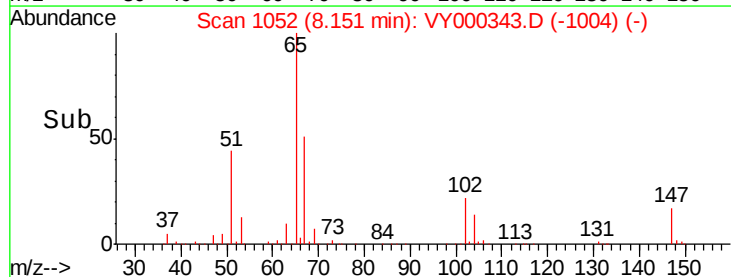
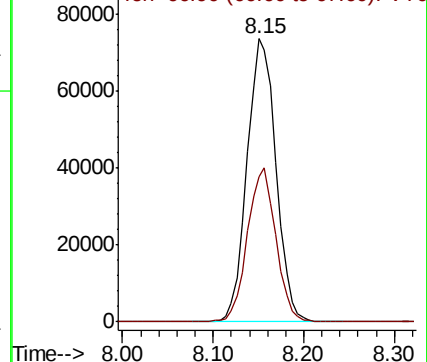
Ion Ratio Lower Upper

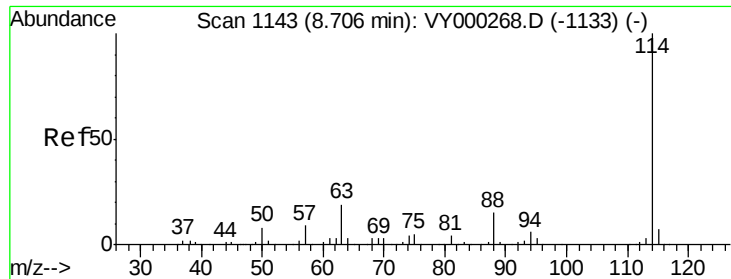
65 100

67 53.6 0.0 109.4



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

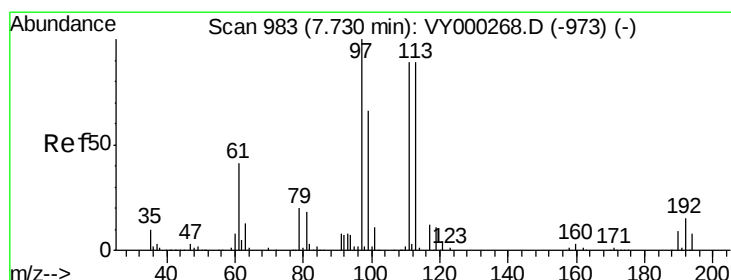
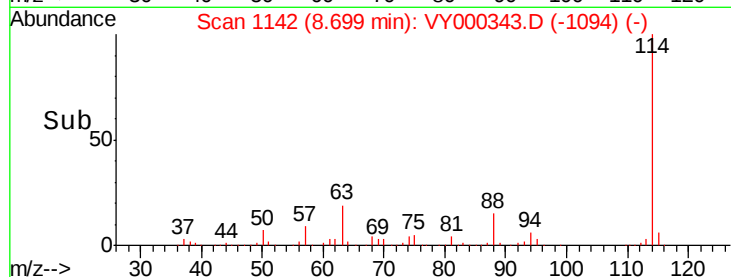
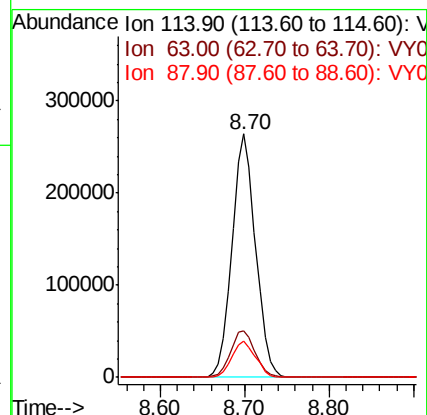
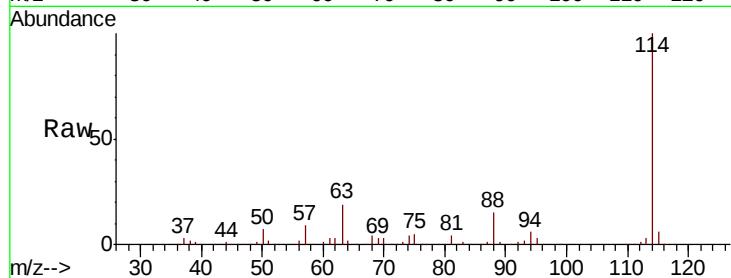




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

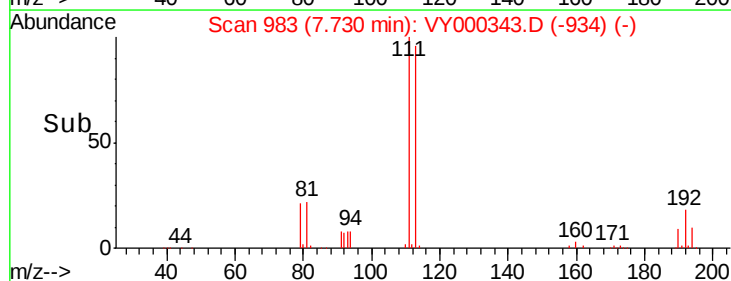
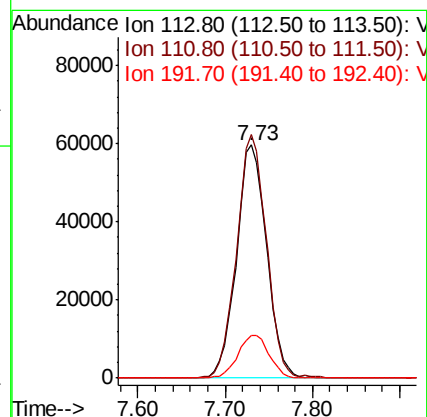
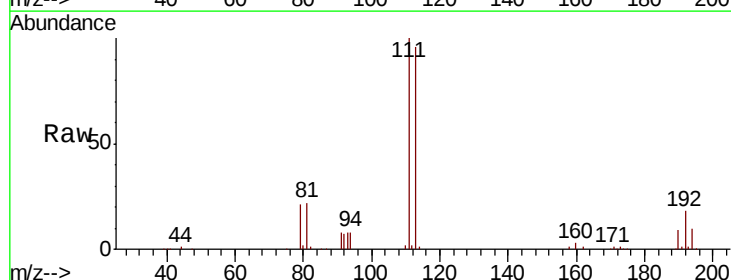
Instrument :
 MSVOA_Y
 ClientSampleId :

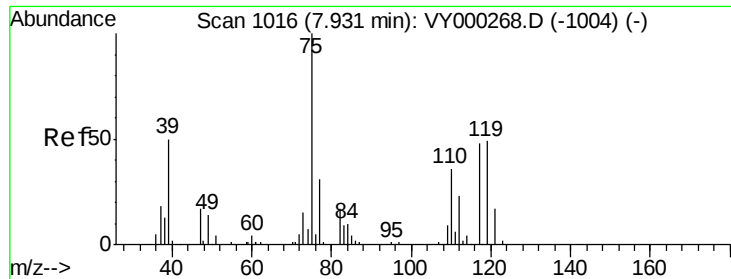
Tot Ion:114 Resp: 500196
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.2
 88 15.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.448 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

Tgt Ion:113 Resp: 143160
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 18.8 15.3 22.9

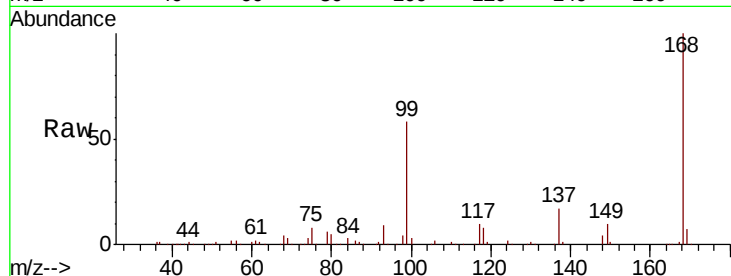




#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampled :

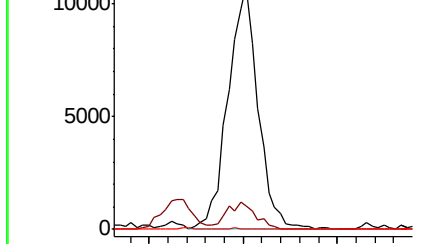
Tot Ion	75	Resp	23907
Ion Ratio	Lower	Upper	
75	100		
110	10.6	18.4	55.4#
77	0.1	25.0	37.6#



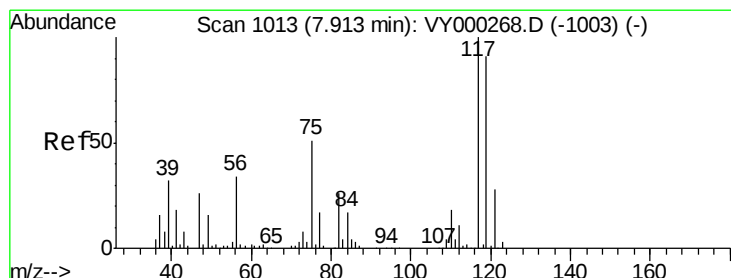
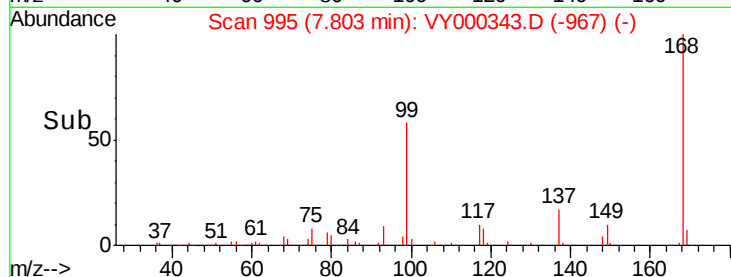
Abundance Ion 74.90 (74.60 to 75.60): VY000343.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000343.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000343.D (-967) (-)

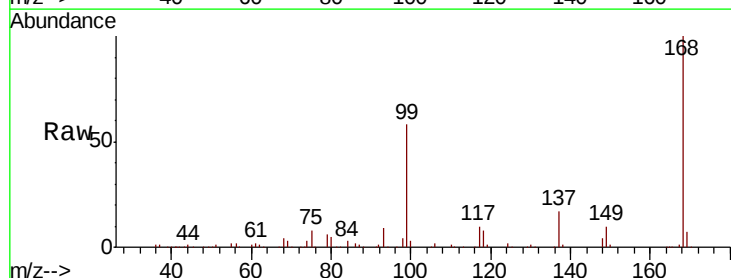


Time-->



#38
 Carbon Tetrachloride
 Concen: 6.217 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

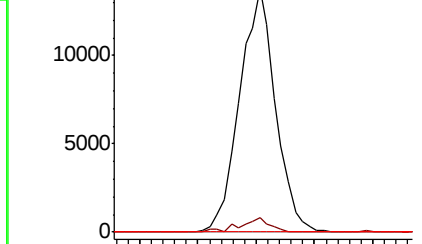
Tgt Ion	117	Resp	29480
Ion Ratio	Lower	Upper	
117	100		
119	6.1	72.8	109.2#
121	0.0	22.2	33.2#



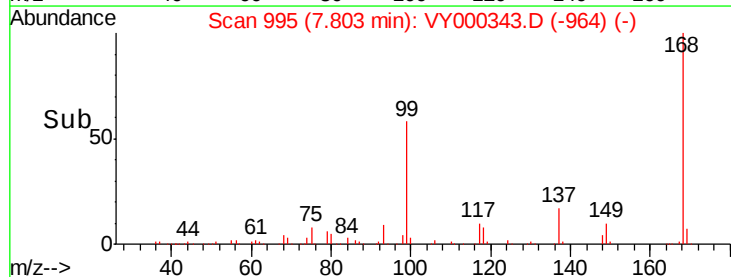
Abundance Ion 116.80 (116.50 to 117.50): VY000343.D (-964) (-)

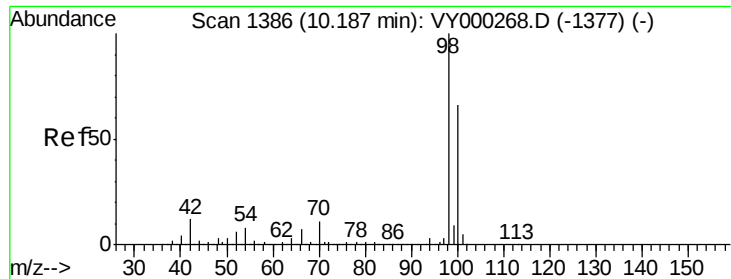
Ion 118.80 (118.50 to 119.50): VY000343.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000343.D (-964) (-)



Time-->





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000343.D

Acq: 18 Oct 2019 11:23

Instrument :

MSVOA_Y

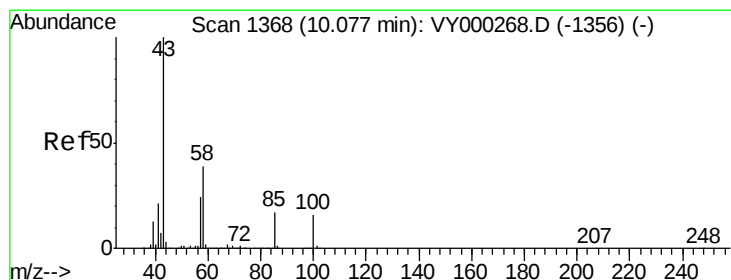
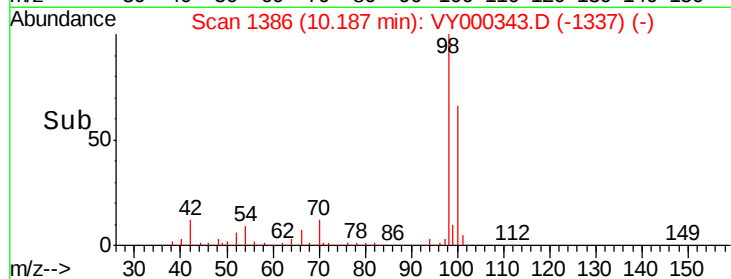
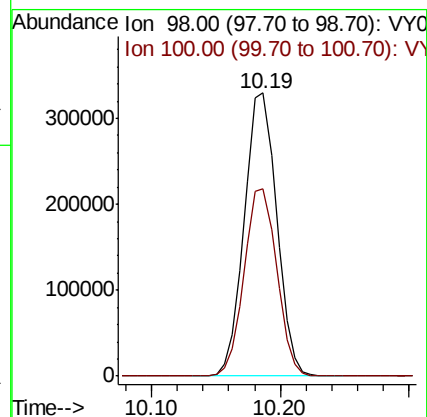
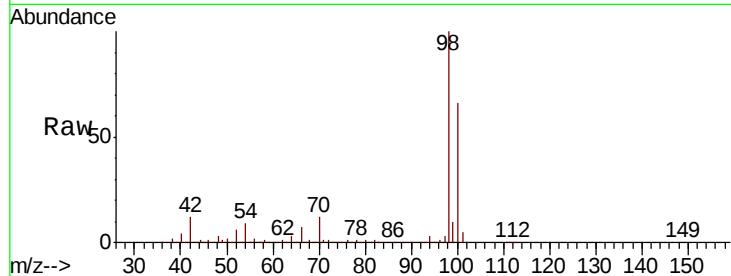
ClientSampled :

Tot Ion: 98 Resp: 573387

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 1.805 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000343.D

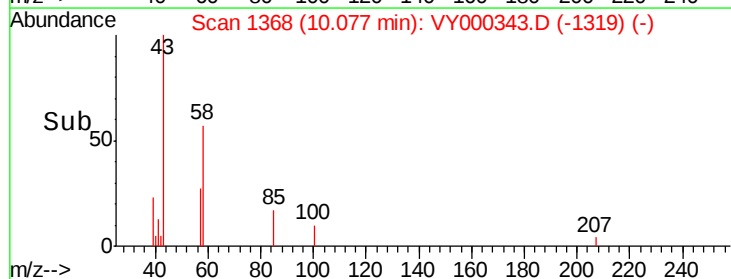
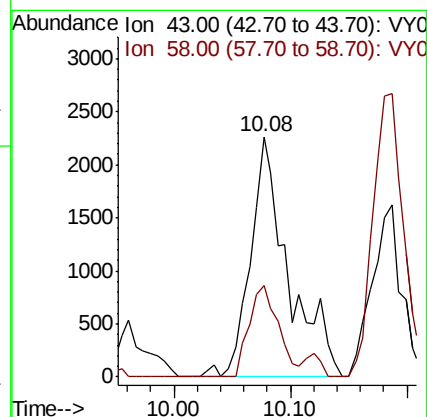
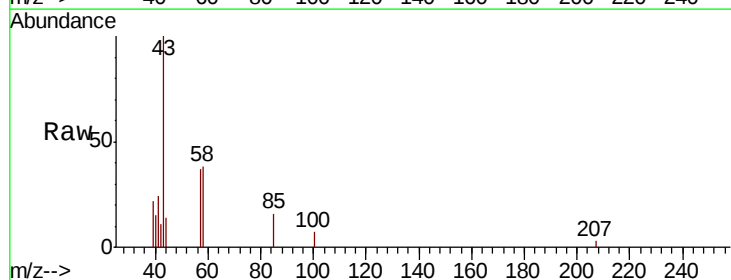
Acq: 18 Oct 2019 11:23

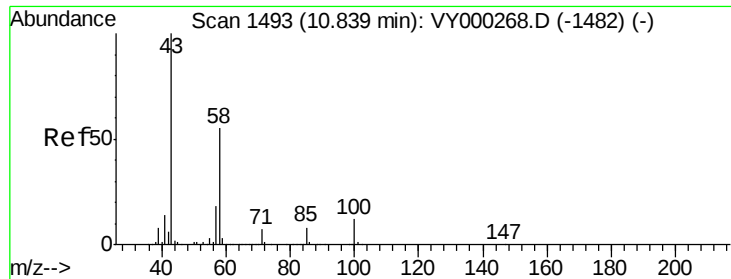
Tgt Ion: 43 Resp: 5134

Ion Ratio Lower Upper

43 100

58 29.8 31.0 46.6#

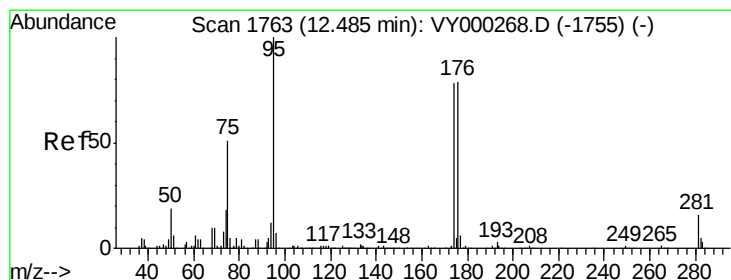
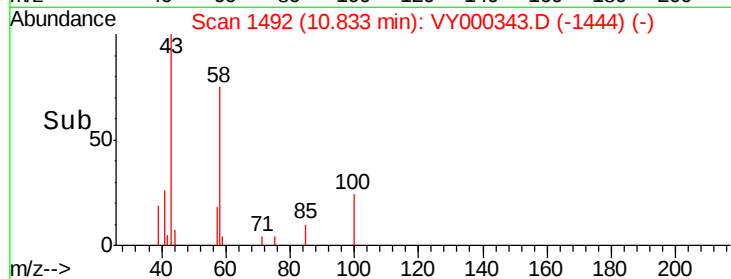
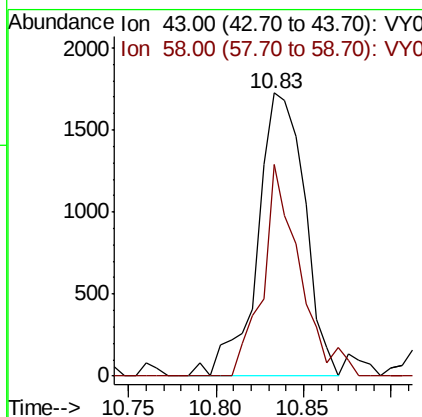
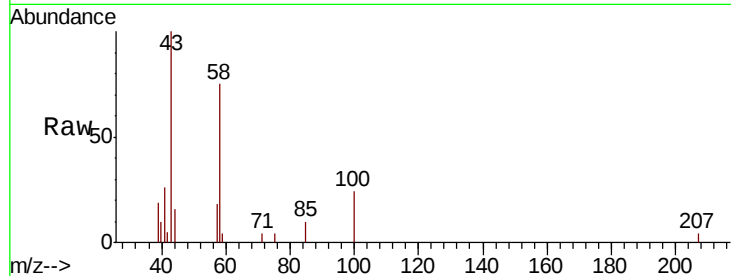




#59
2-Hexanone
Concen: 1.628 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

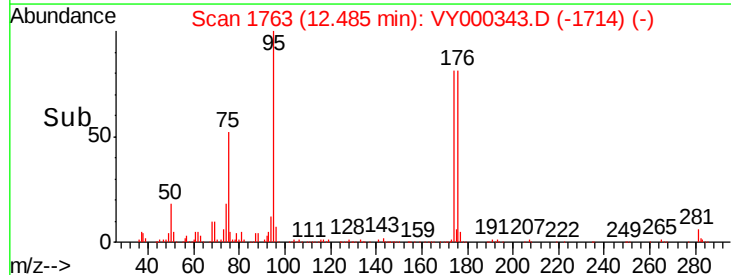
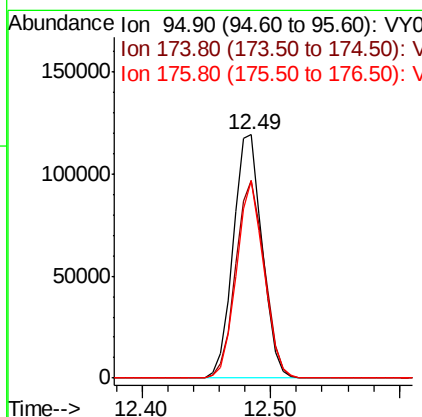
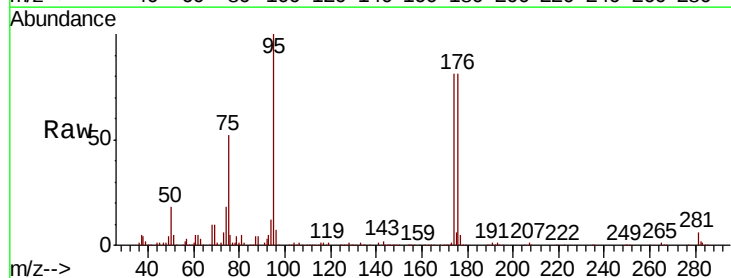
Instrument :
MSVOA_Y
ClientSampleId :

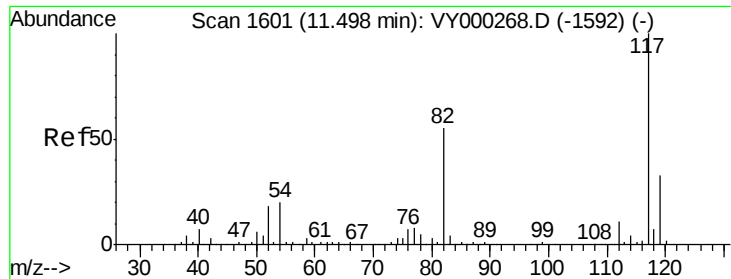
Tot Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
58 58.4 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 42.195 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

Tgt Ion: 95 Resp: 186056
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.6
176 76.9 0.0 153.8

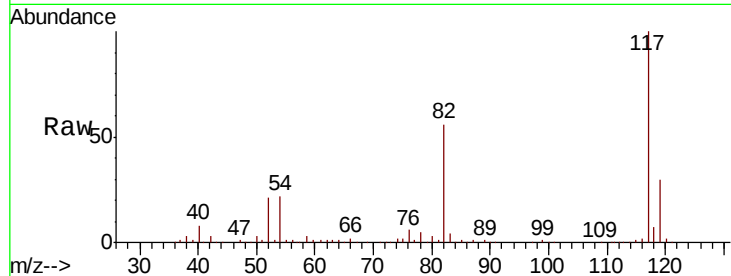




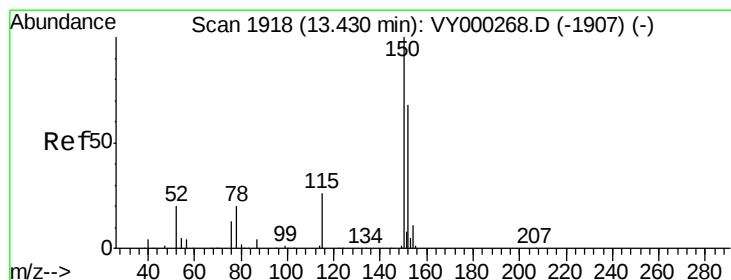
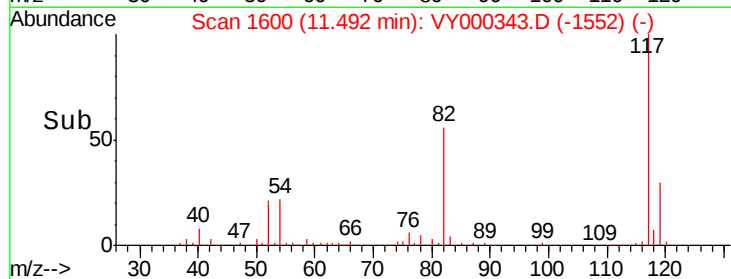
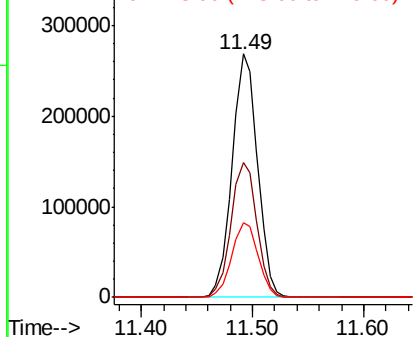
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 423508
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 30.5 26.6 39.8

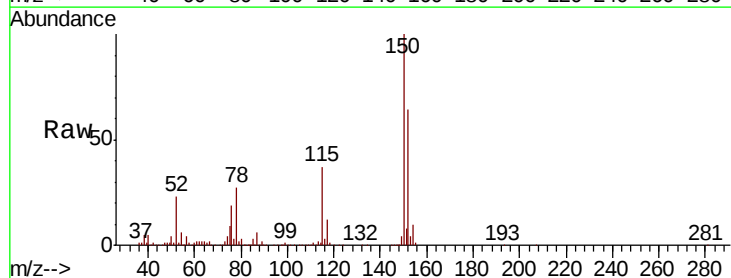


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

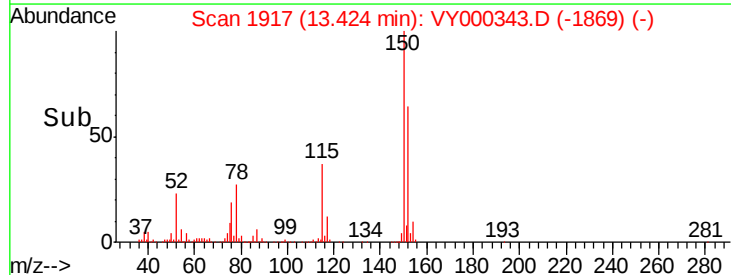
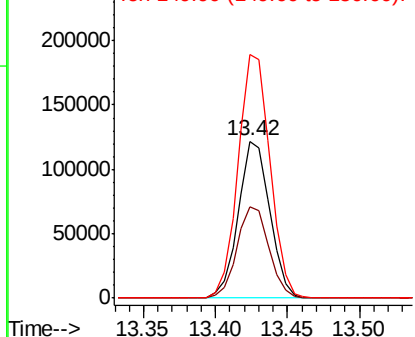


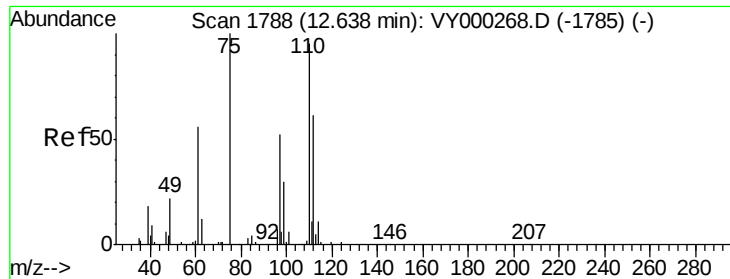
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

Tgt Ion:152 Resp: 184210
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 157.4 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

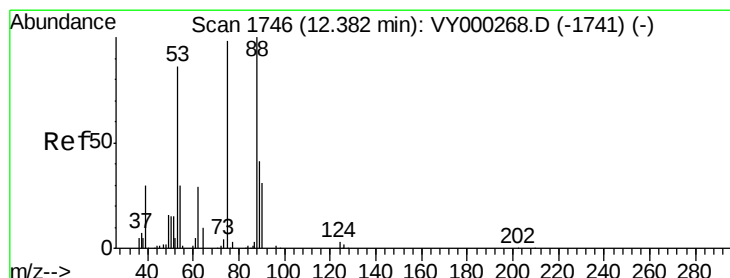
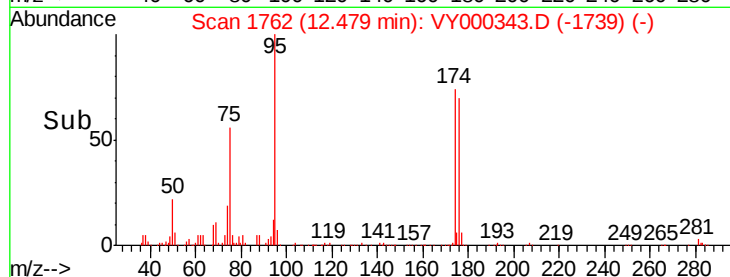
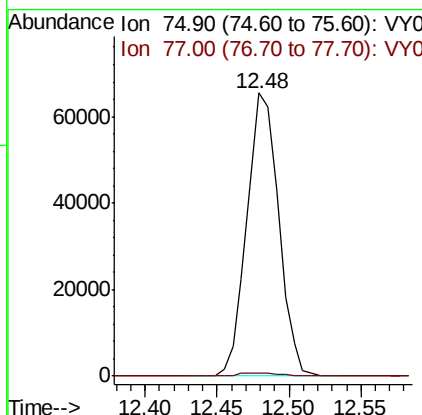
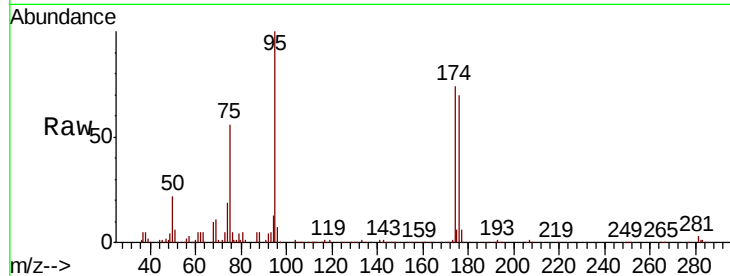




#76
 1,2,3-Trichloropropane
 Concen: 44.170 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

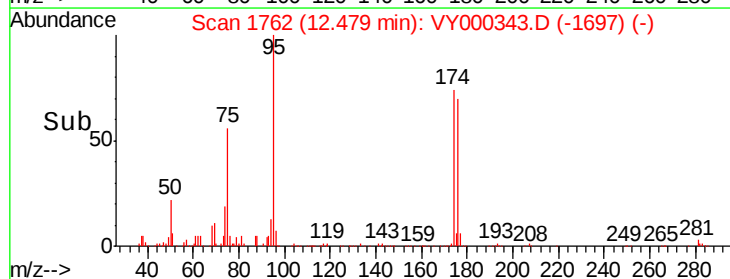
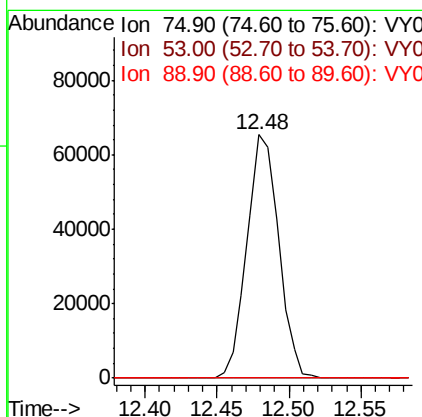
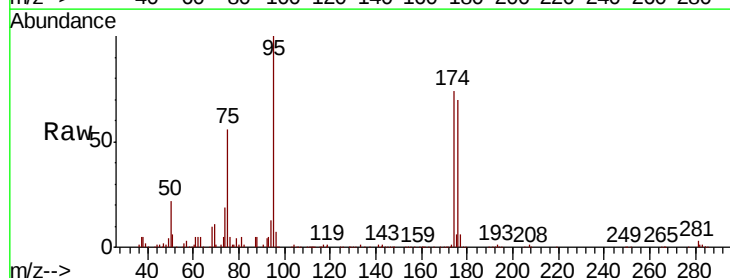
Instrument :
 MSVOA_Y
 ClientSampleId :

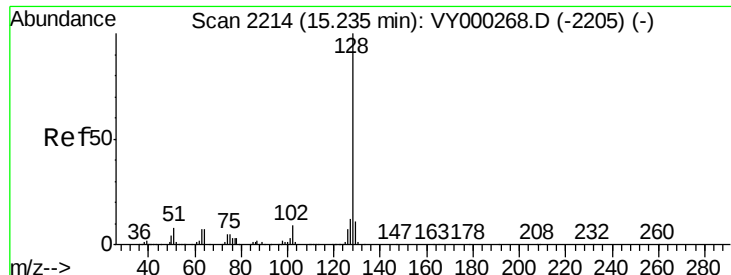
Tot Ion: 75 Resp: 100052
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.642 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000343.D
 Acq: 18 Oct 2019 11:23

Tgt Ion: 75 Resp: 100052
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.1 35.1 52.7#





#95
Naphthalene
Concen: 1.289 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000343.D
Acq: 18 Oct 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 11414
Ion Ratio Lower Upper
128 100
127 15.2 9.6 14.4#
129 15.5 8.7 13.1#

