

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000406.D
 Acq On : 24 Oct 2019 13:55
 Operator : SY/MD
 Sample : K5499-02
 Misc : 3.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:38:28 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

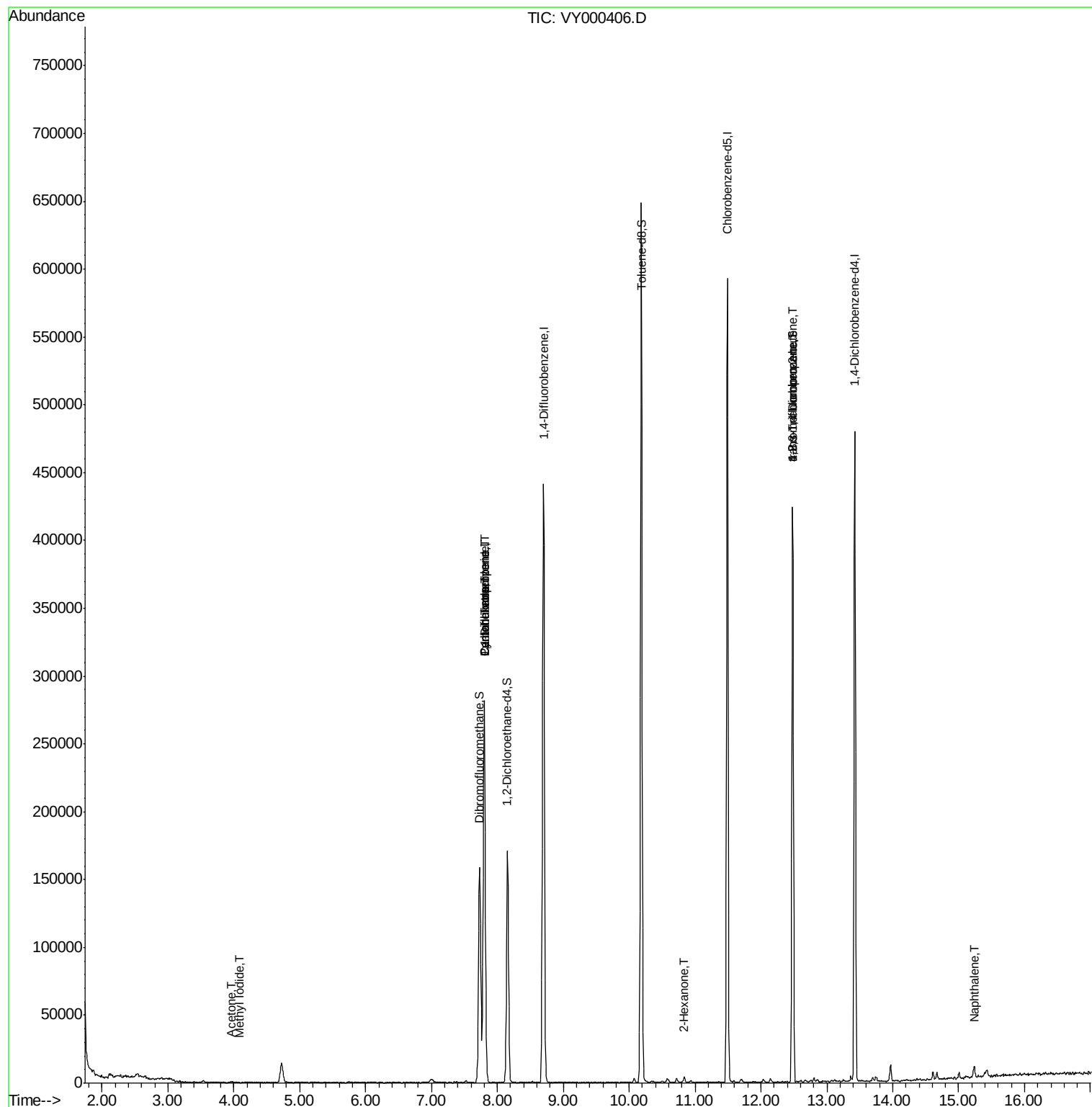
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	379402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	312946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	115585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127180	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.73	113	109161	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	10.19	98	431810	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.48	95	124062	37.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	86	Below Cal	#	41
10) Methyl Iodide	4.09	142	41	1.198	ug/l #	41
16) Acetone	3.96	43	1302	1.711	ug/l	90
20) Methylene Chloride	4.72	84	9411	Below Cal	#	88
31) Cyclohexane	7.80	56	4930	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16472	4.434	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21641	6.017	ug/l #	20
59) 2-Hexanone	10.83	43	3092	2.042	ug/l	86
76) 1,2,3-Trichloropropane	12.48	75	65706	46.230	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65706	101.148	ug/l #	14
95) Naphthalene	15.23	128	6499	1.170	ug/l	96

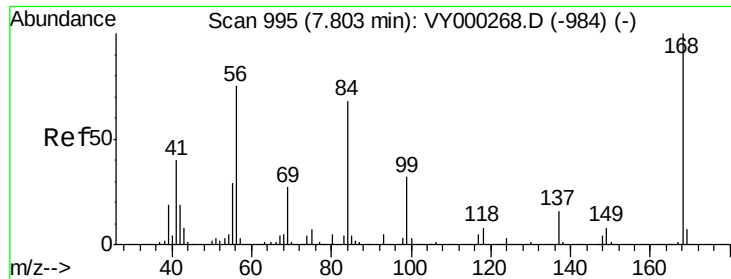
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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Quant Time: Oct 25 06:38:28 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: VY000406.D

Acq: 24 Oct 2019 13:55

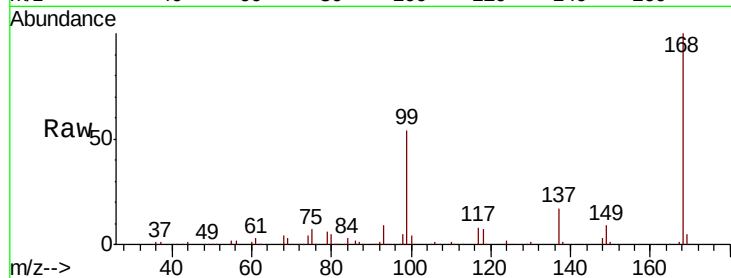
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 222785

Ion Ratio Lower Upper

168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000406.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000406.D (-946) (-)

7.80

100000

80000

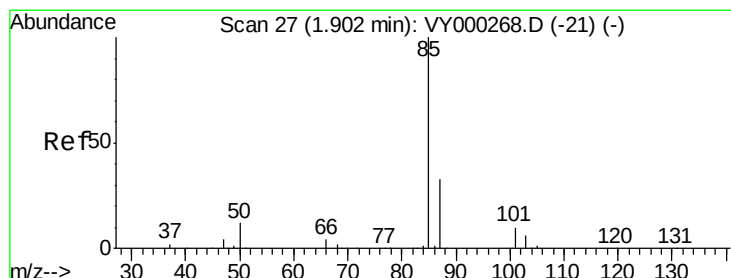
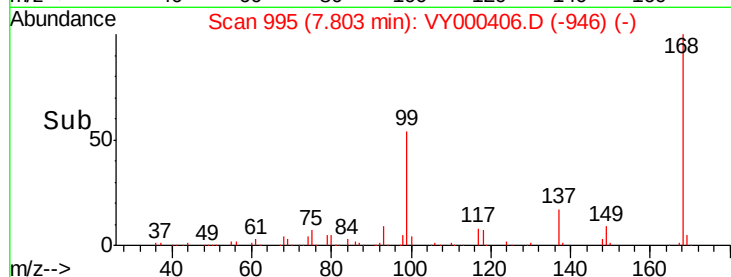
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000406.D

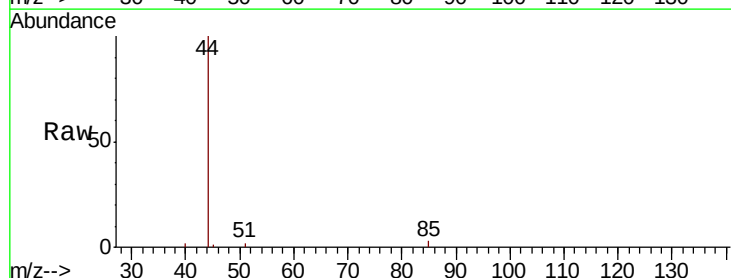
Acq: 24 Oct 2019 13:55

Tgt Ion: 85 Resp: 86

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000406.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000406.D (-1) (-)

1.91

200

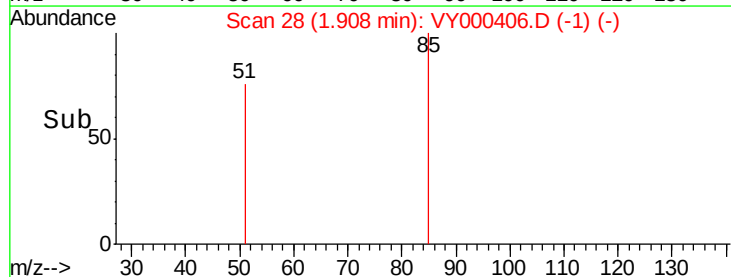
150

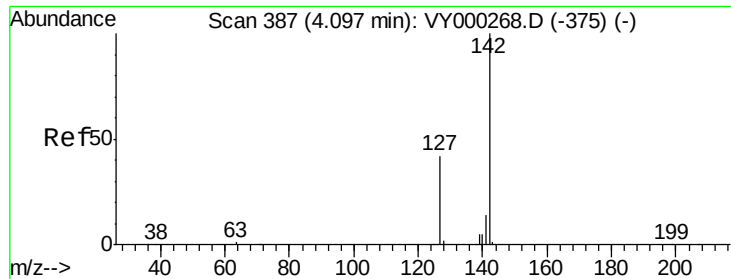
100

50

0

Time-->

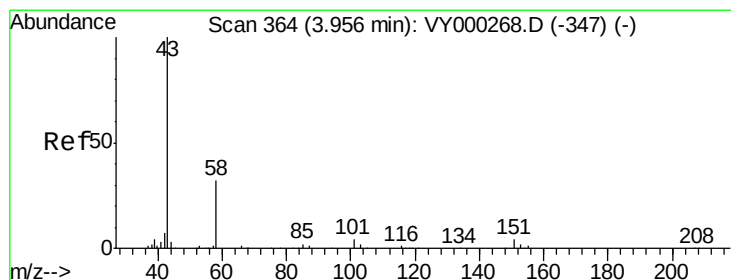
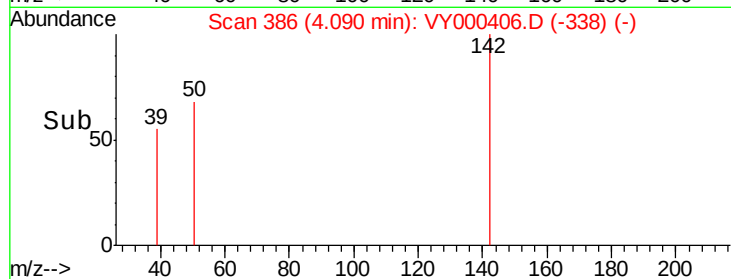
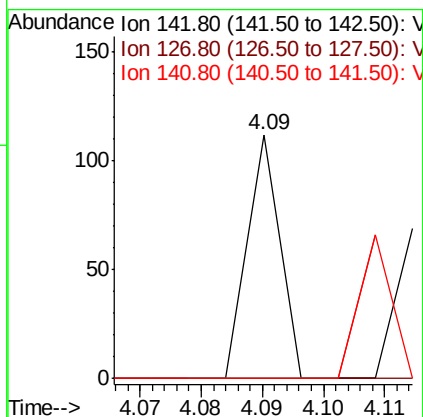
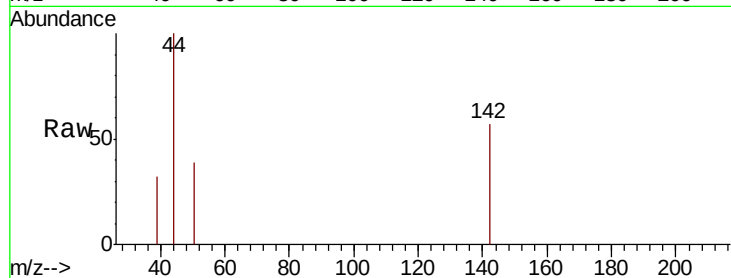




#10
Methvl Iodide
Concen: 1.198 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

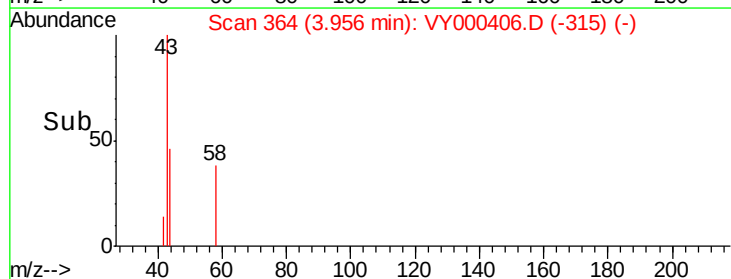
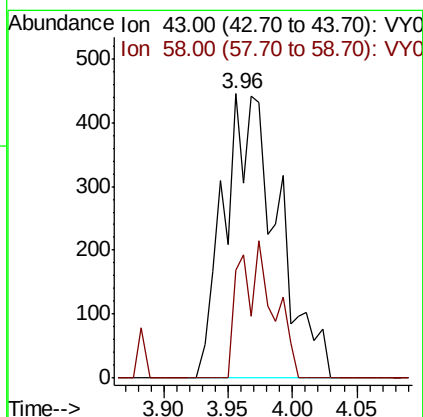
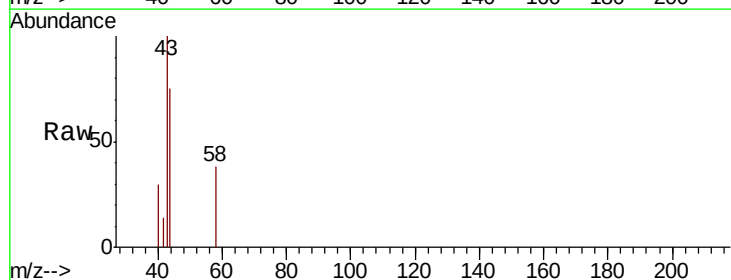
Instrument :
MSVOA_Y
ClientSampleId :

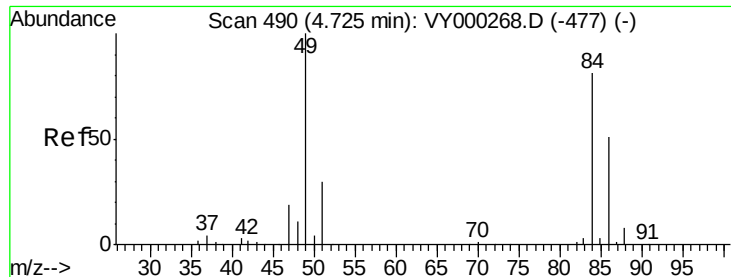
Tot Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.711 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 37.7 25.8 38.6

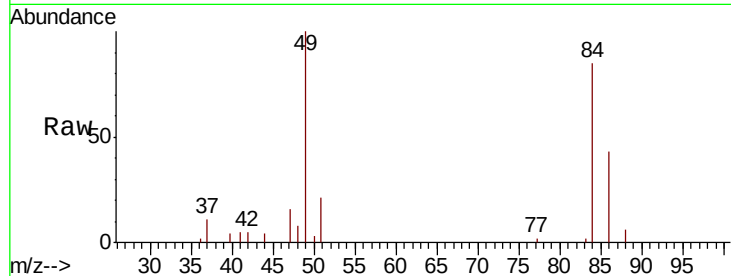




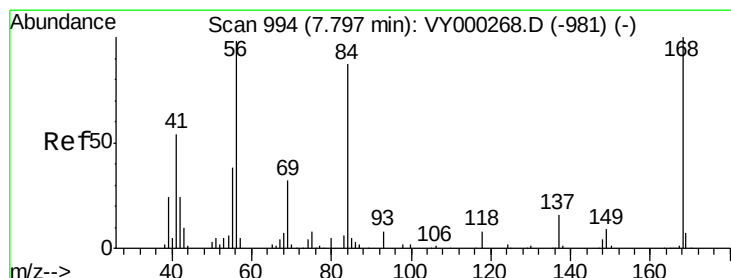
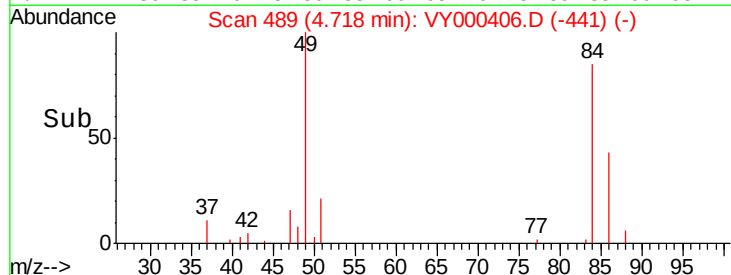
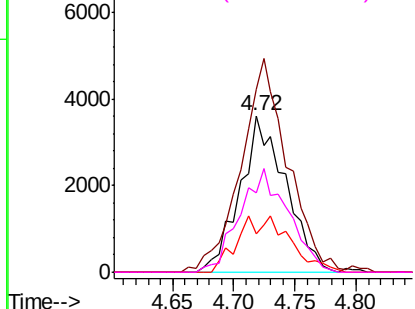
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 9411
Ion Ratio Lower Upper
84 100
49 115.0 99.0 148.4
51 24.7 29.3 43.9#
86 50.6 50.2 75.4

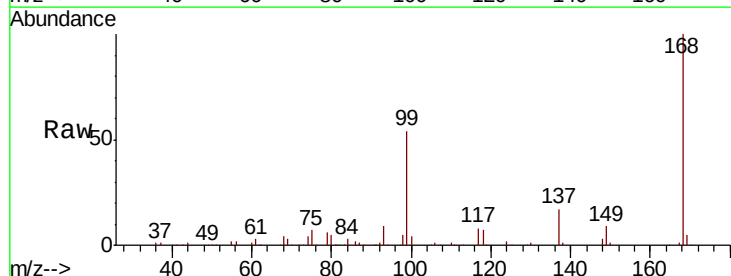


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

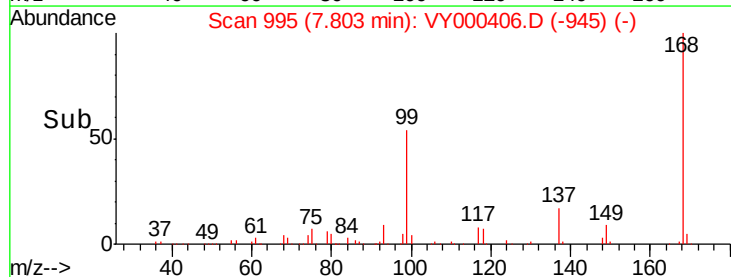
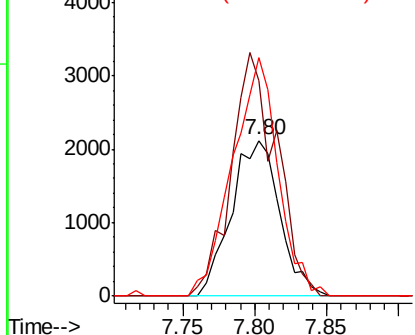


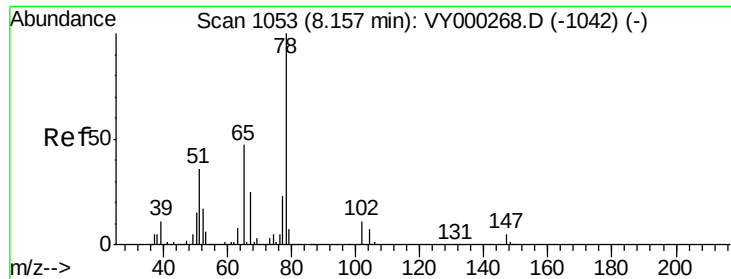
#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion: 56 Resp: 4930
Ion Ratio Lower Upper
56 100
69 138.3 26.3 39.5#
84 153.2 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

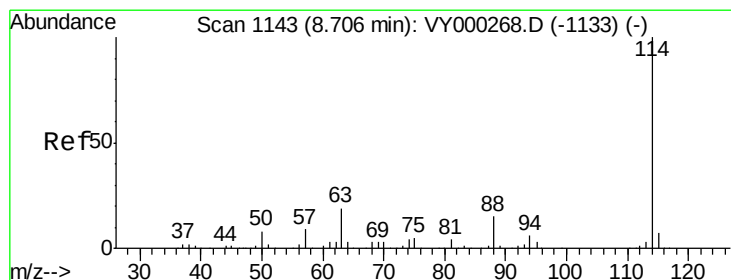
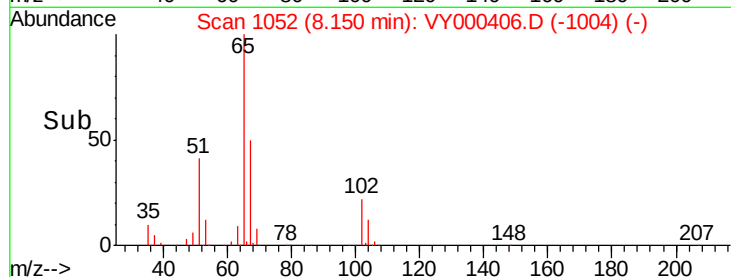
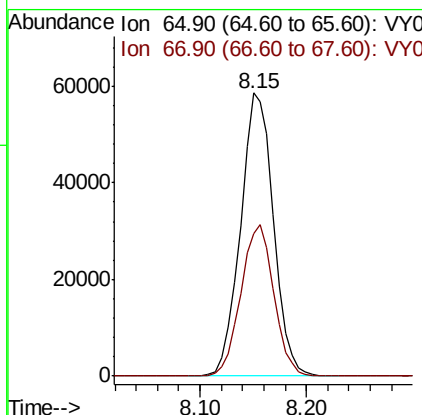
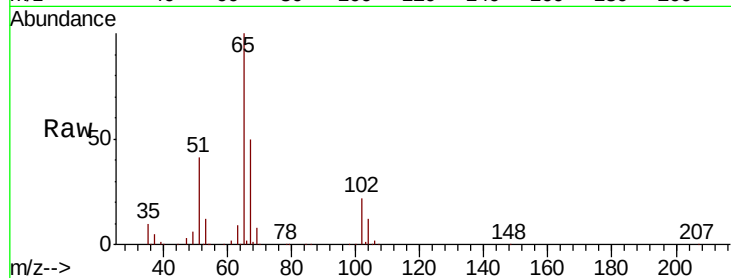




#33
 1,2-Dichloroethane-d4
 Concen: 54.118 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000406.D
 Acq: 24 Oct 2019 13:55

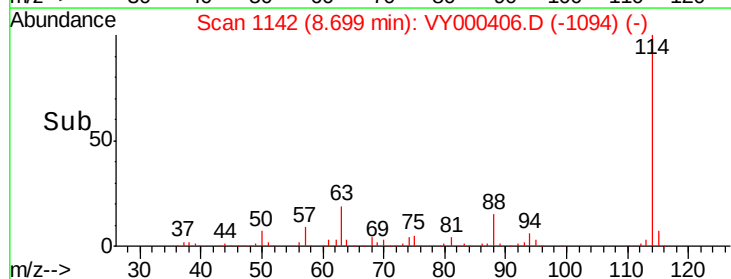
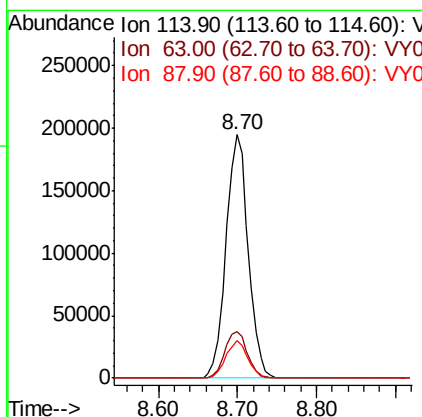
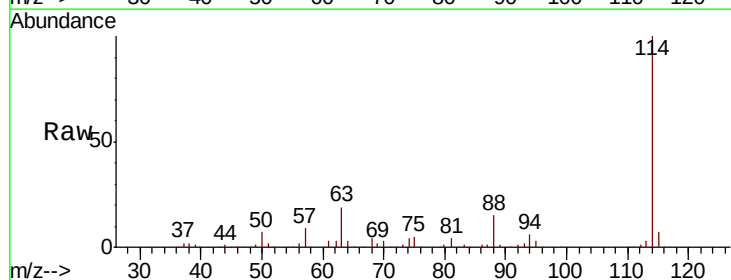
Instrument :
 MSVOA_Y
 ClientSampleId :

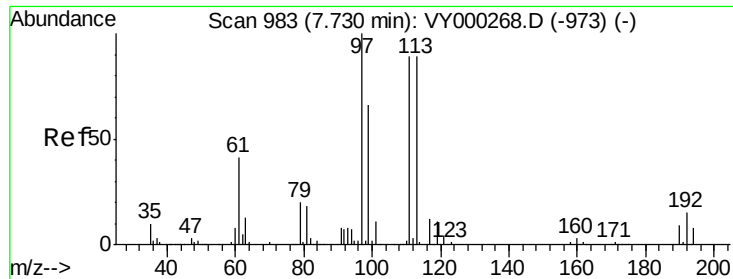
Tot Ion: 65 Resp: 127180
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000406.D
 Acq: 24 Oct 2019 13:55

Tgt Ion: 114 Resp: 379402
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.2
 88 15.2 0.0 30.2

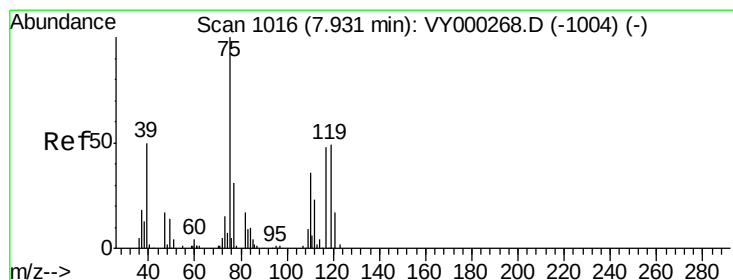
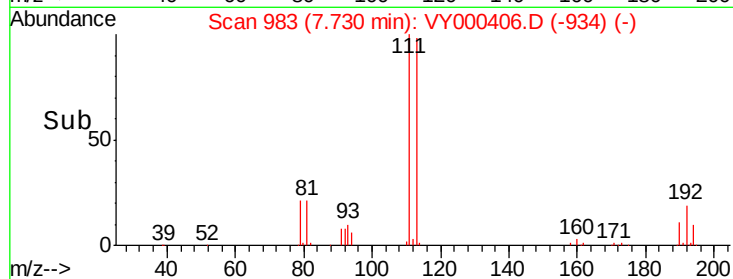
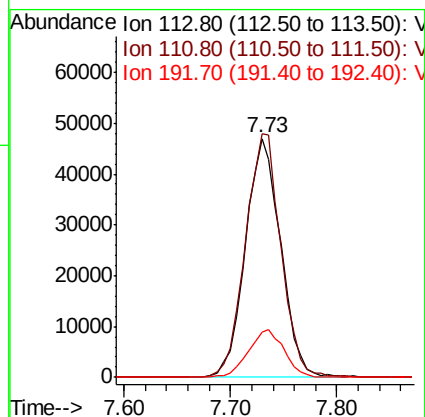
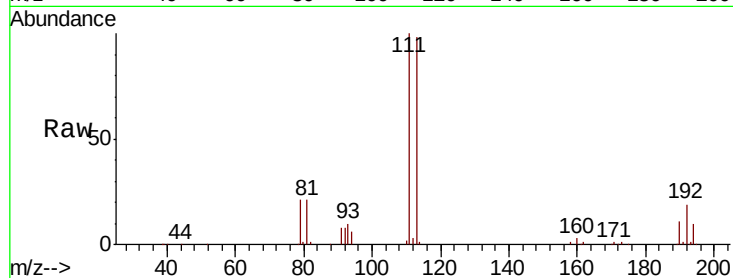




#35
 Dibromofluoromethane
 Concen: 47.698 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000406.D
 Acq: 24 Oct 2019 13:55

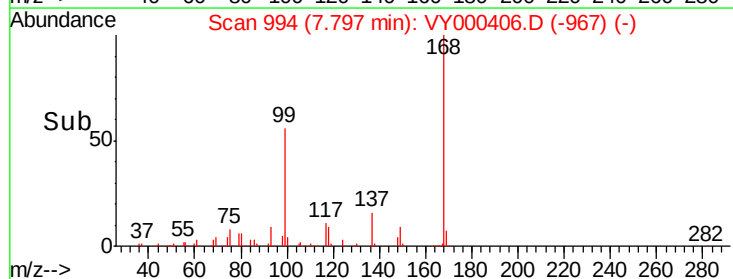
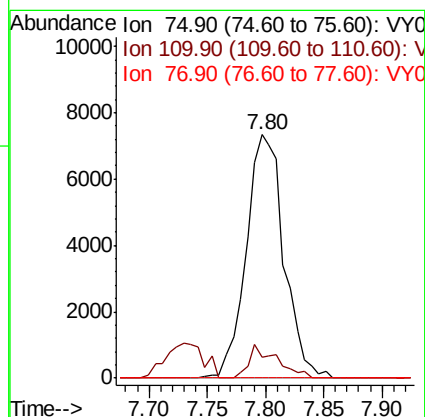
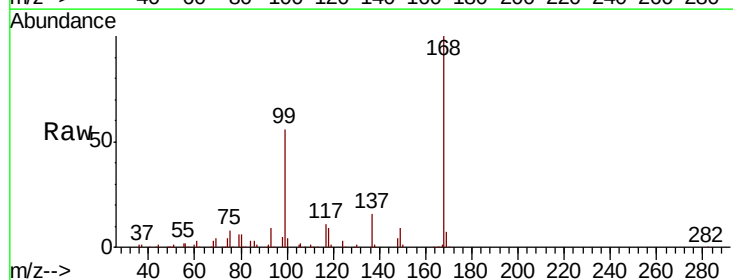
Instrument :
 MSVOA_Y
 ClientSampleId :

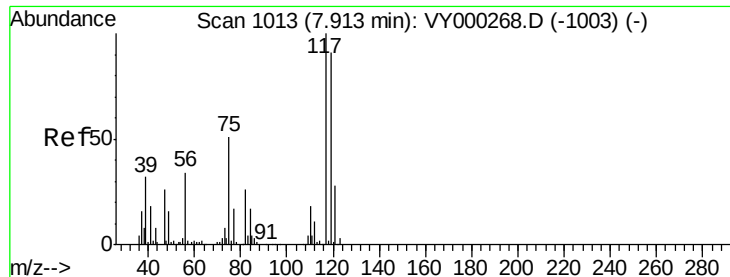
Tot Ion:113 Resp: 109161
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 20.0 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.434 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000406.D
 Acq: 24 Oct 2019 13:55

Tgt Ion: 75 Resp: 16472
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.4 55.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

Instrument :

MSVOA_Y

ClientSampled :

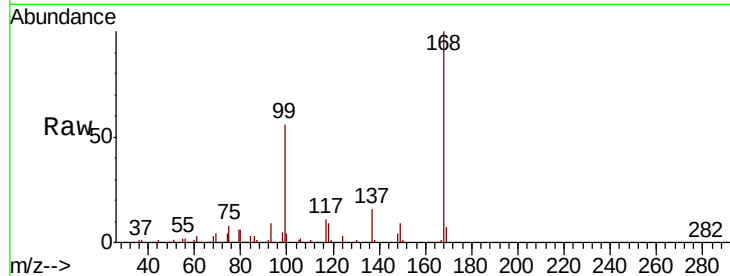
Tot Ion:117 Resp: 21641

Ion Ratio Lower Upper

117 100

119 6.9 72.8 109.2#

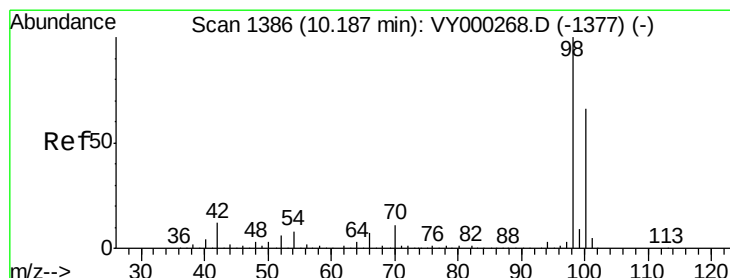
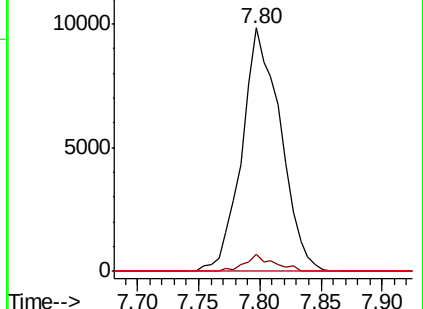
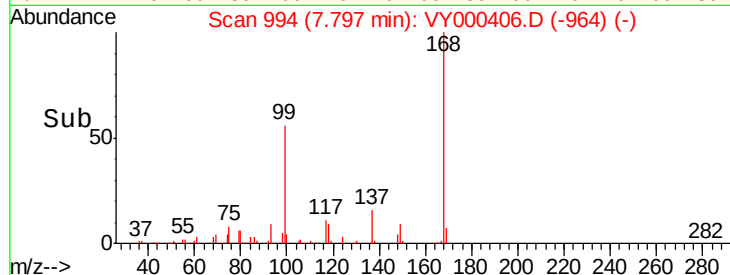
121 0.0 22.2 33.2#



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



#50

Toluene-d8

Concen: 49.049 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000406.D

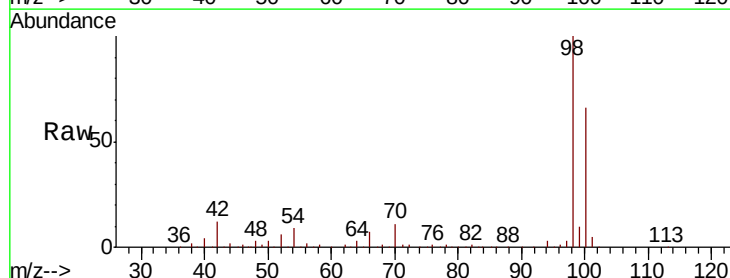
Acq: 24 Oct 2019 13:55

Tgt Ion: 98 Resp: 431810

Ion Ratio Lower Upper

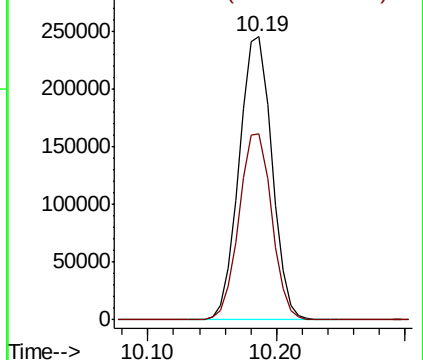
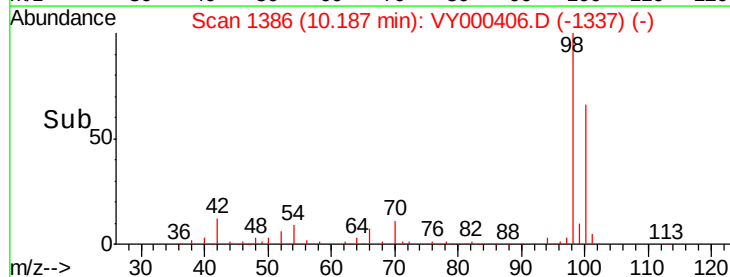
98 100

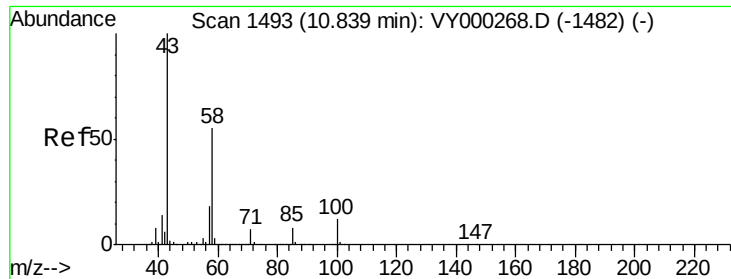
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

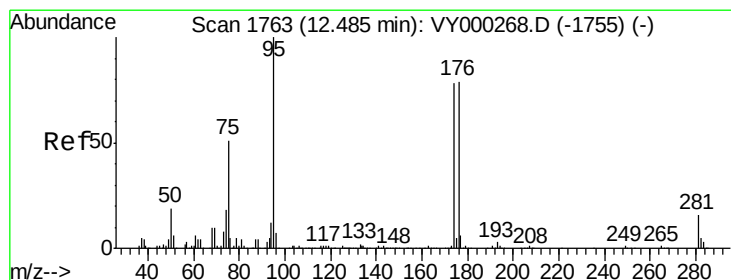
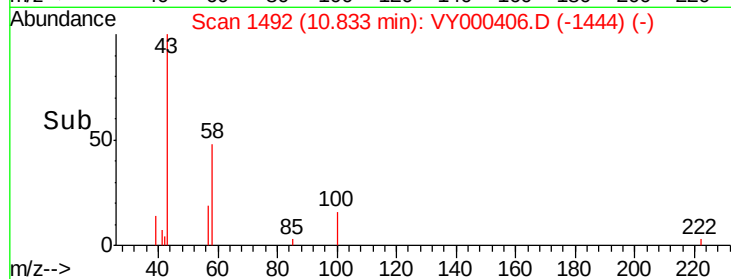
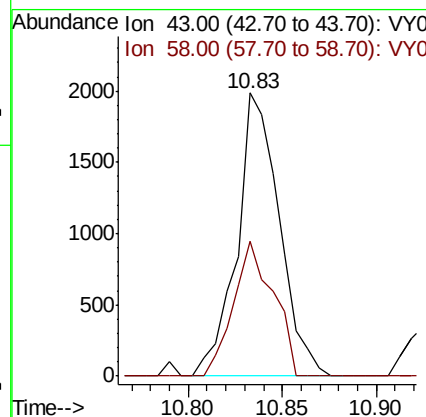
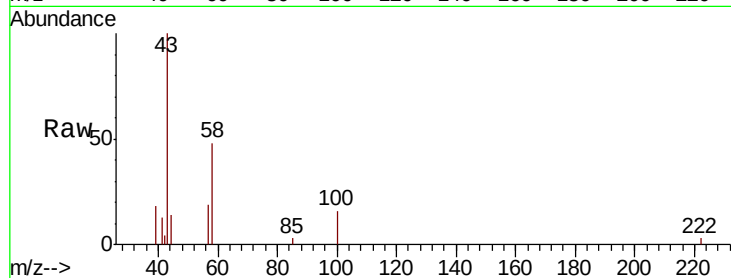




#59
2-Hexanone
Concen: 2.042 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

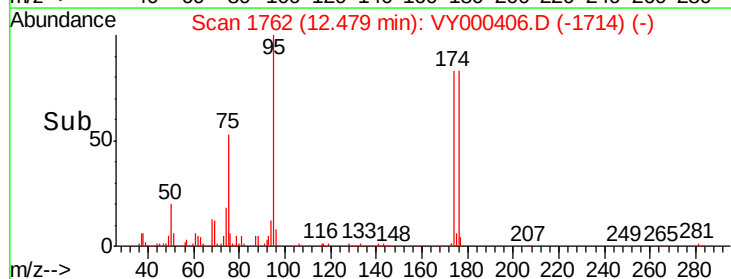
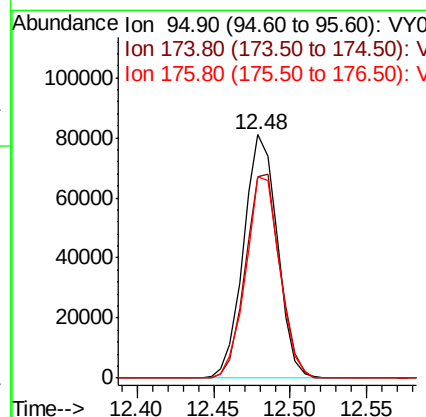
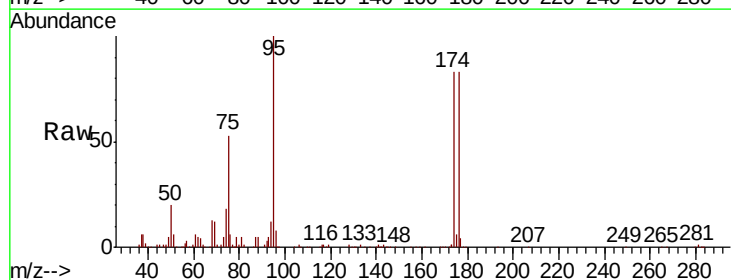
Instrument :
MSVOA_Y
ClientSampled :

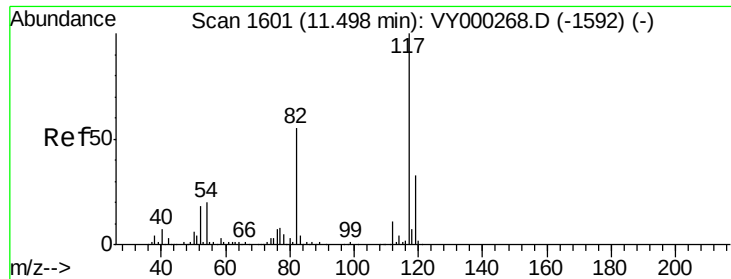
Tot Ion: 43 Resp: 3092
Ion Ratio Lower Upper
43 100
58 45.1 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 37.093 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion: 95 Resp: 124062
Ion Ratio Lower Upper
95 100
174 85.3 0.0 159.6
176 83.2 0.0 153.8

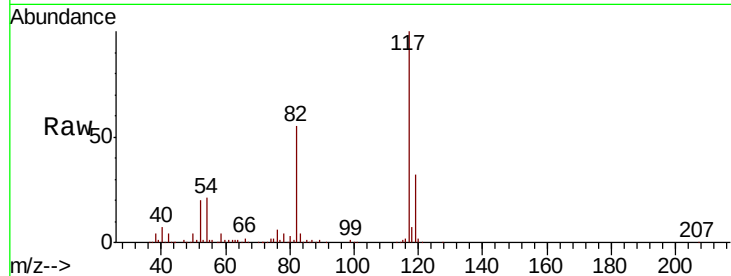




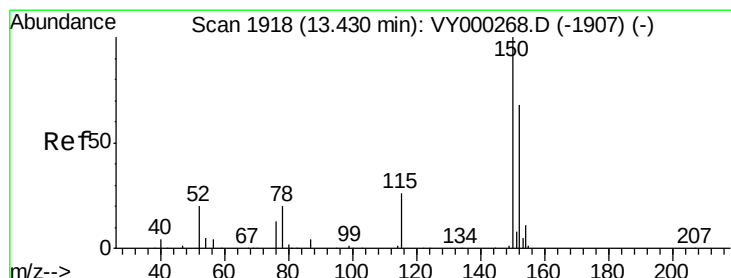
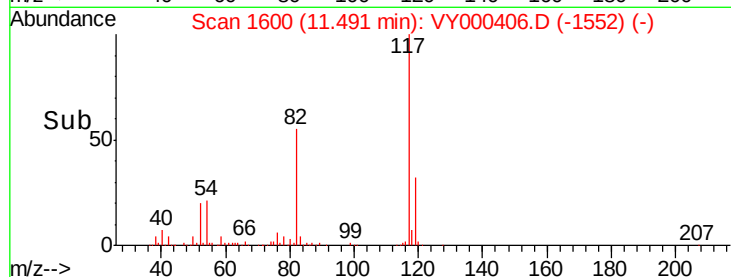
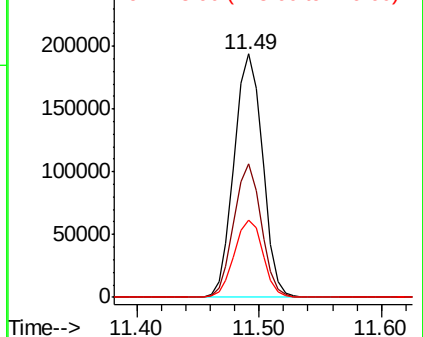
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 312946
Ion Ratio Lower Upper
117 100
82 54.7 43.7 65.5
119 31.8 26.6 39.8

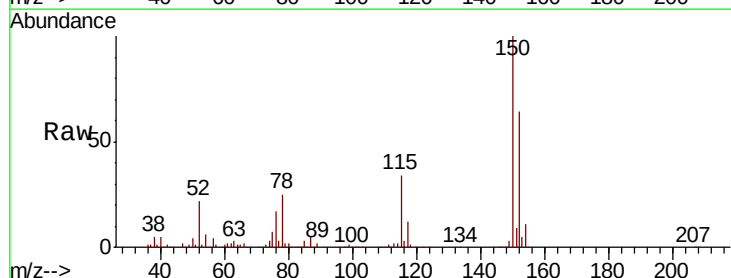


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

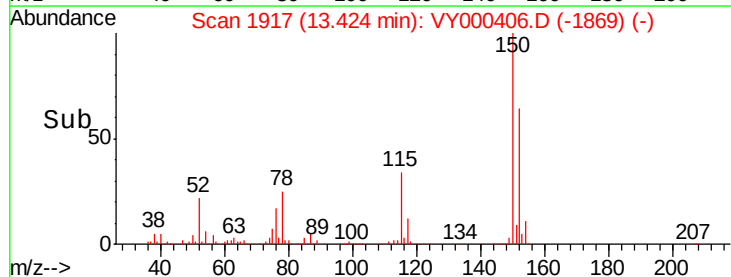
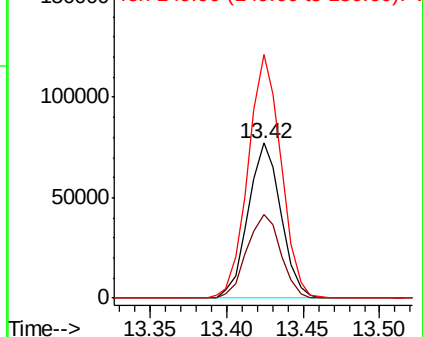


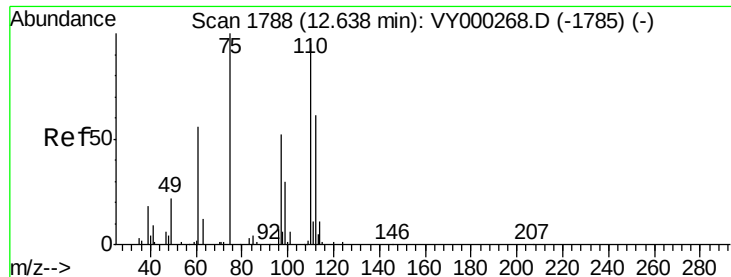
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000406.D
Acq: 24 Oct 2019 13:55

Tgt Ion:152 Resp: 115585
Ion Ratio Lower Upper
152 100
115 55.7 29.3 88.0
150 157.0 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: 46.230 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

Instrument :

MSVOA_Y

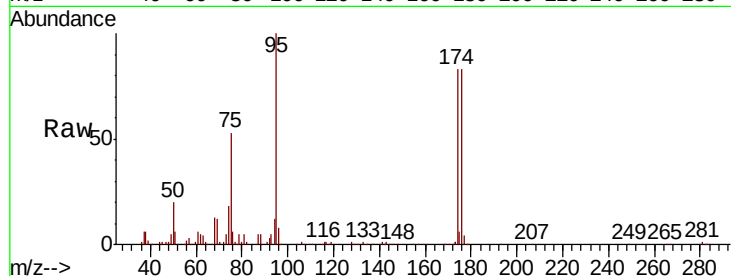
ClientSampleId :

Tot Ion: 75 Resp: 65706

Ion Ratio Lower Upper

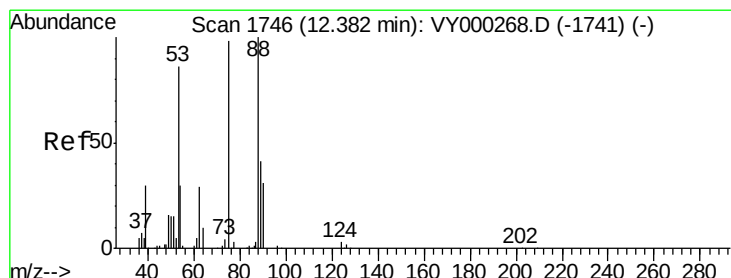
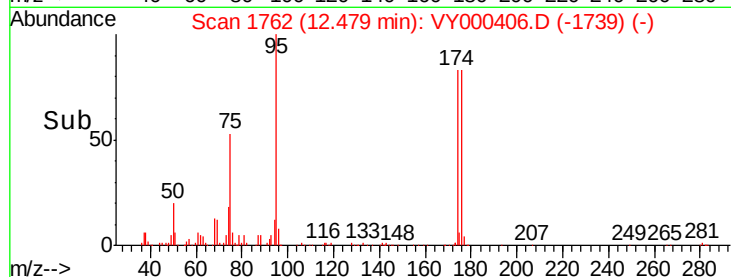
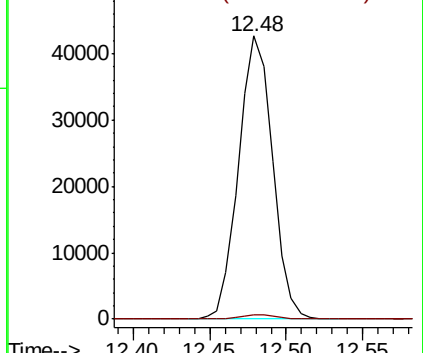
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 101.148 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000406.D

Acq: 24 Oct 2019 13:55

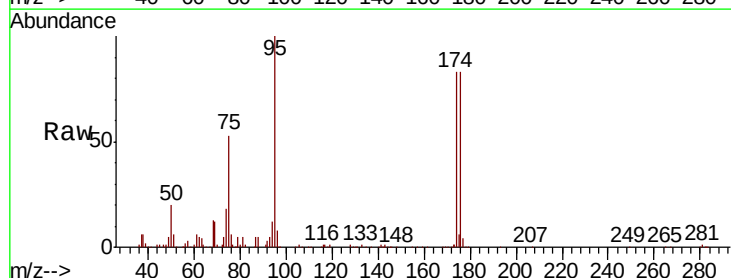
Tgt Ion: 75 Resp: 65706

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

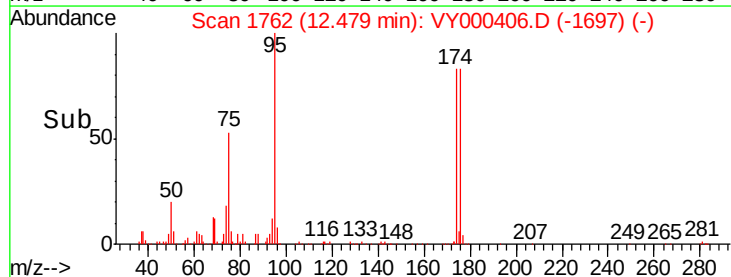
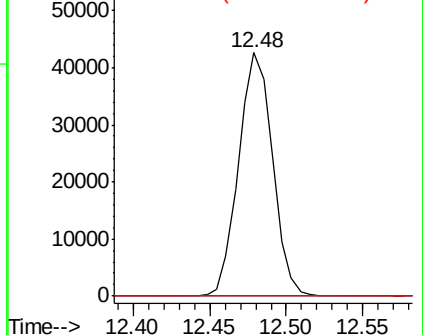
89 0.0 35.1 52.7#

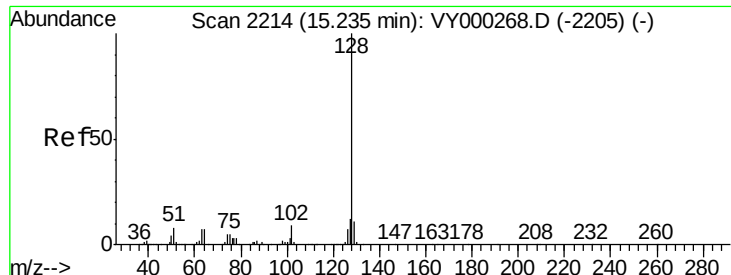


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

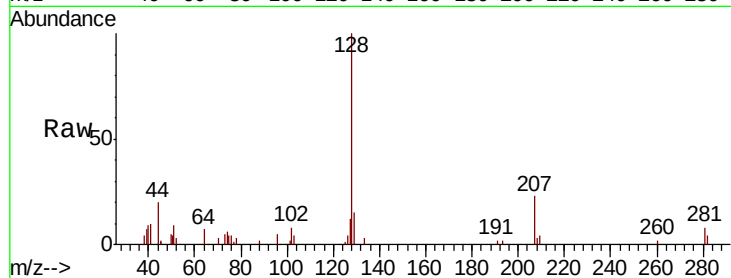




#95
 Naphthalene
 Concen: 1.170 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY000406.D
 Acq: 24 Oct 2019 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:128 Resp: 6499
 Ion Ratio Lower Upper
 128 100
 127 14.1 9.6 14.4
 129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

