

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000136.D
 Acq On : 23 Sep 2019 17:21
 Operator : SY/MD
 Sample : K5008-06
 Misc : 6.53g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Sep 24 05:23:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	95146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	200184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	167106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	62706	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	60538	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
35) Dibromofluoromethane	7.72	113	58153	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.18	98	234628	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.48	95	74606	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	

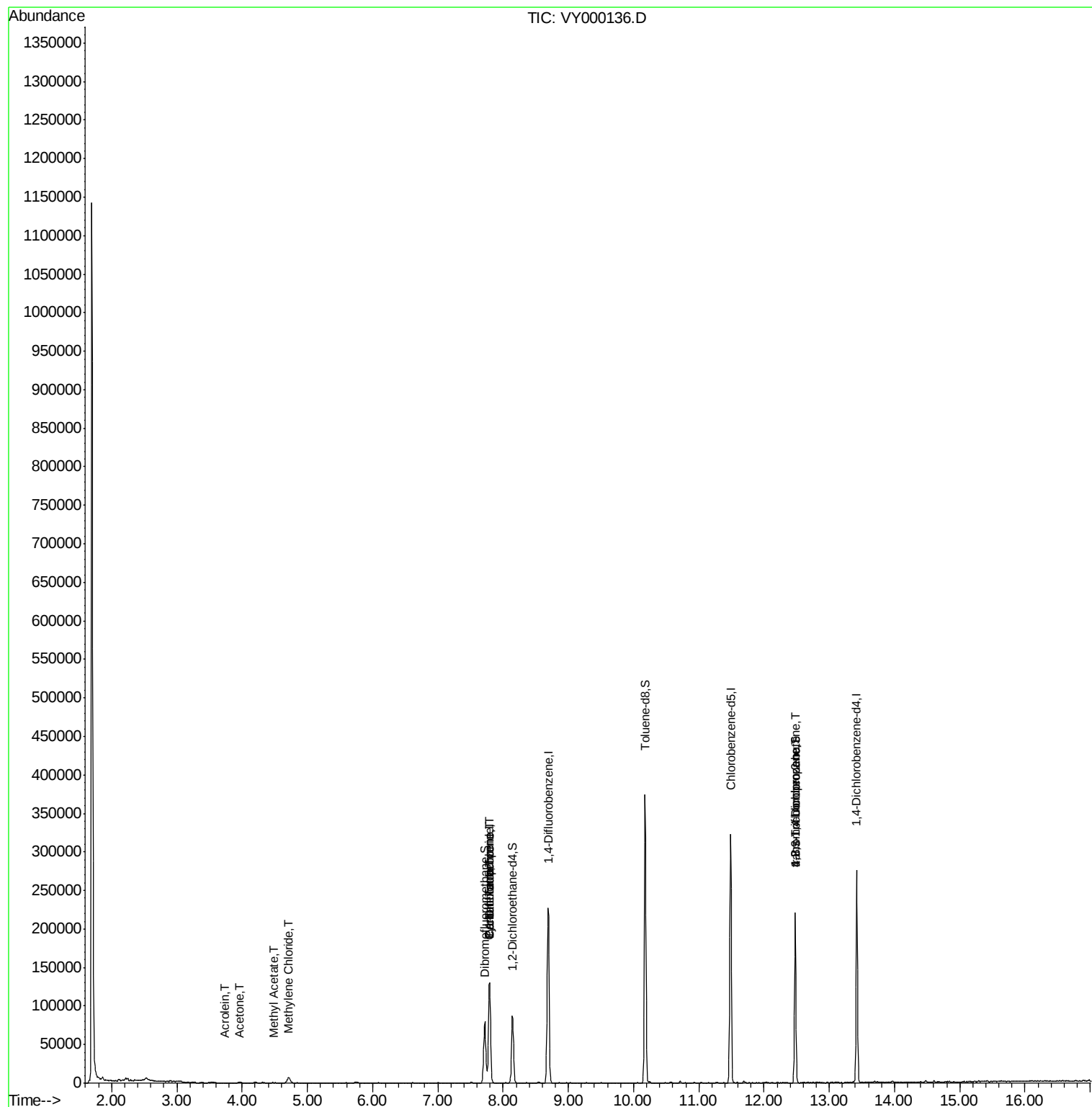
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	1877	Below Cal		92
13) Acrolein	3.74	56	65	1.417	ug/l #	20
16) Acetone	3.96	43	564	2.653	ug/l #	34
18) Methyl Acetate	4.48	43	885	1.136	ug/l #	51
20) Methylene Chloride	4.71	84	5534	3.873	ug/l #	91
31) Cyclohexane	7.78	56	2664	1.252	ug/l #	18
36) 1,1-Dichloropropene	7.79	75	9293	5.014	ug/l #	47
38) Carbon Tetrachloride	7.79	117	9817	6.171	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	38225	58.168	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	38225	95.613	ug/l #	19

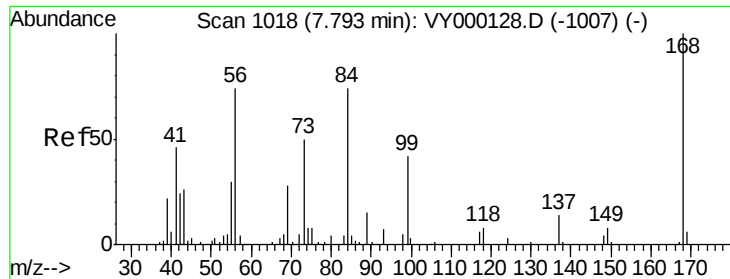
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
Data File : VY000136.D
Acq On : 23 Sep 2019 17:21
Operator : SY/MD
Sample : K5008-06
Misc : 6.53g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Quant Time: Sep 24 05:23:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 05:14:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

Instrument :

MSVOA_Y

ClientSampleId :

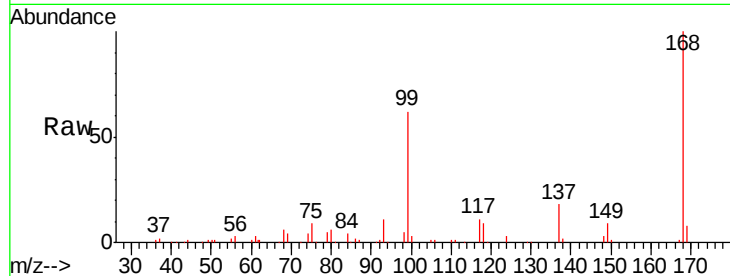
SB-6

Tgt Ion:168 Resp: 95146

Ion Ratio Lower Upper

168 100

99 61.6 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY000136.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000136.D (-969) (-)

7.79

40000

30000

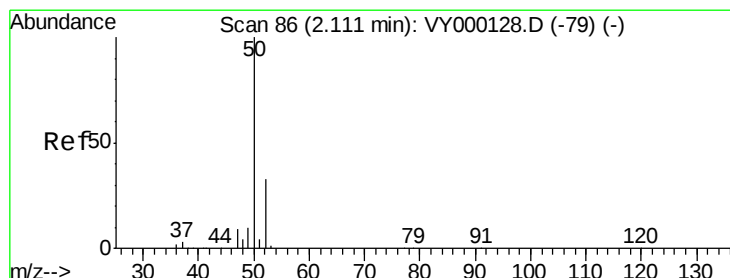
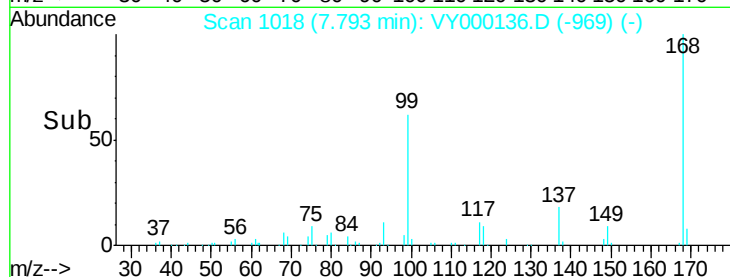
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000136.D

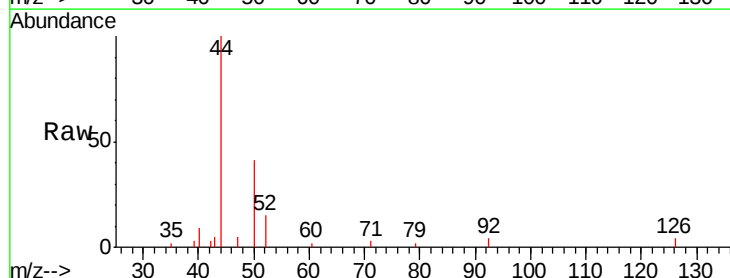
Acq: 23 Sep 2019 17:21

Tgt Ion: 50 Resp: 1877

Ion Ratio Lower Upper

50 100

52 37.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VY000136.D (-37) (-)

Ion 51.90 (51.60 to 52.60): VY000136.D (-37) (-)

2.11

1200

1000

800

600

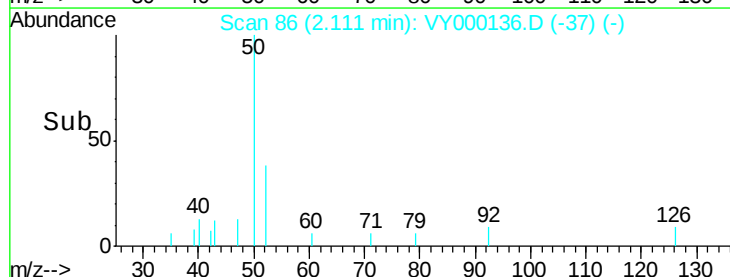
400

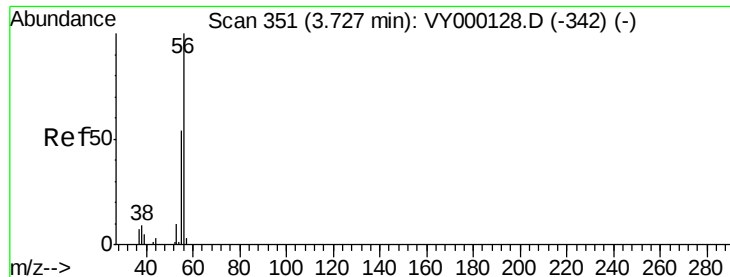
200

0

2.05 2.10 2.15

Time-->





#13

Acrolein

Concen: 1.417 ug/l

RT: 3.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

Instrument :

MSVOA_Y

ClientSampleId :

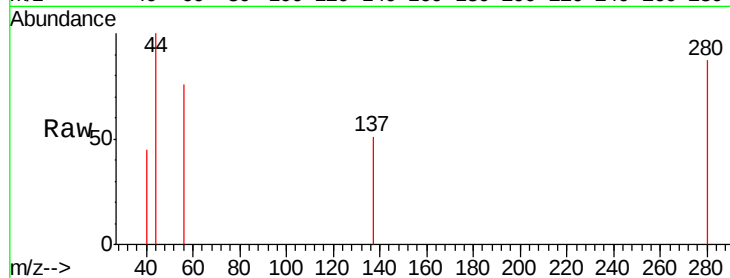
SB-6

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

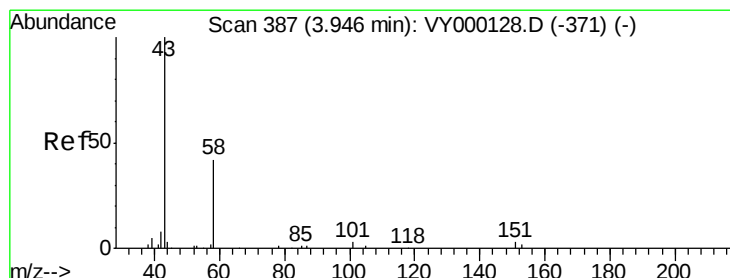
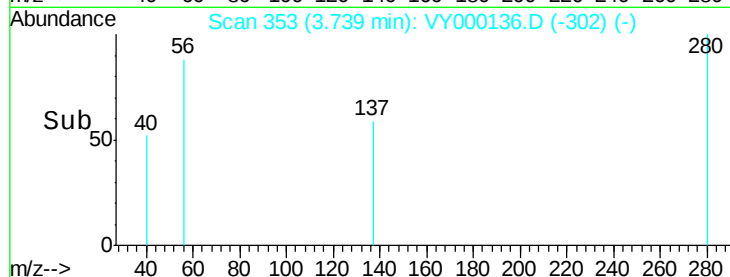
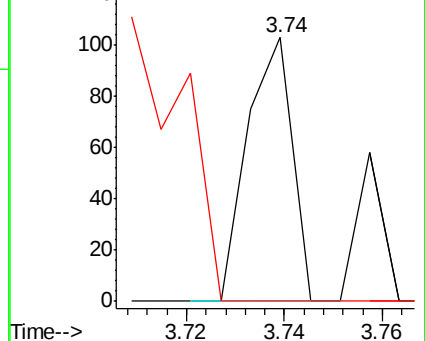
56 100

55 0.0 49.4 74.0#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 2.653 ug/l

RT: 3.96 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000136.D

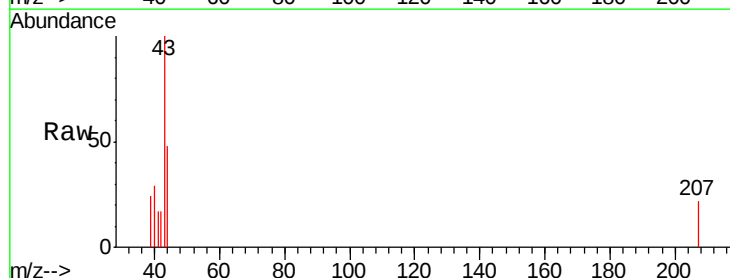
Acq: 23 Sep 2019 17:21

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

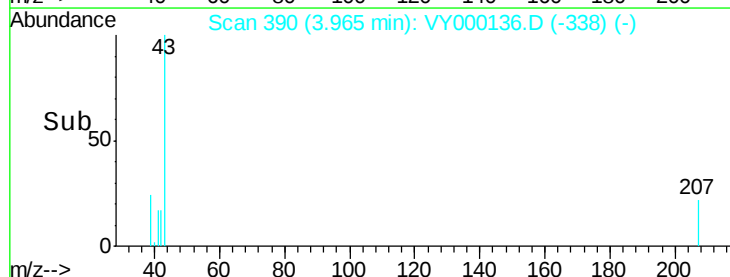
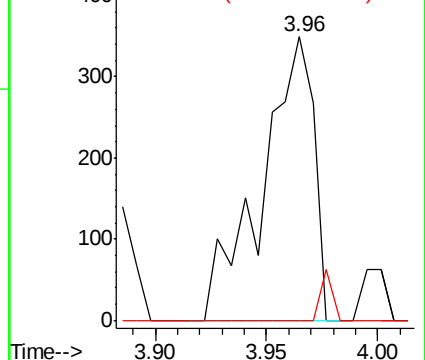
43 100

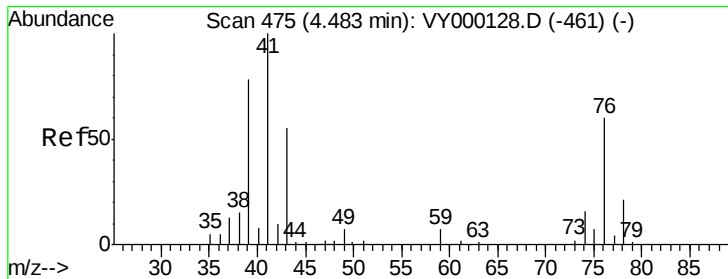
58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

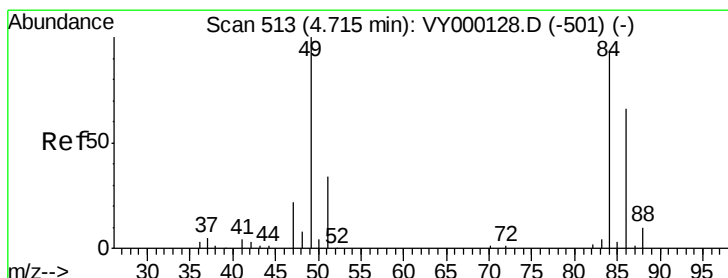
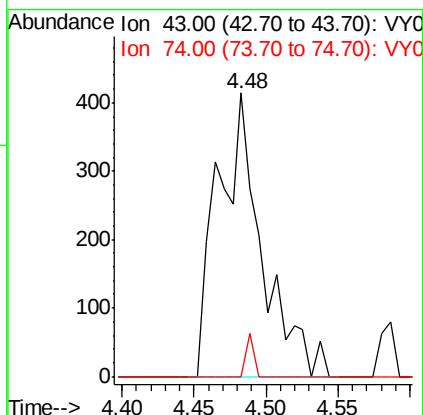
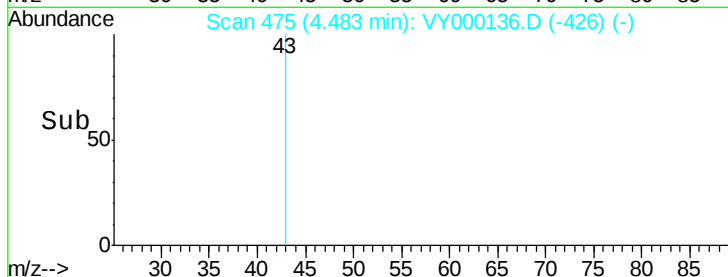
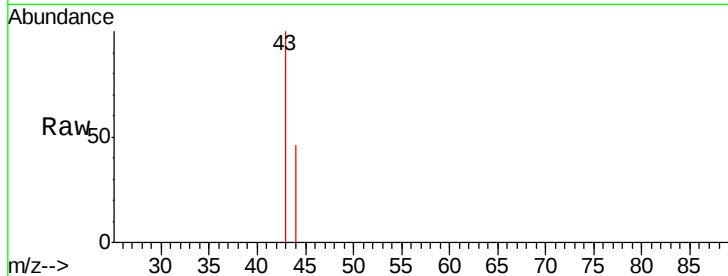




#18
Methyl Acetate
Concen: 1.136 ug/l
RT: 4.48 min Scan# 475
Delta R.T. -0.00 min
Lab File: VY000136.D
Acq: 23 Sep 2019 17:21

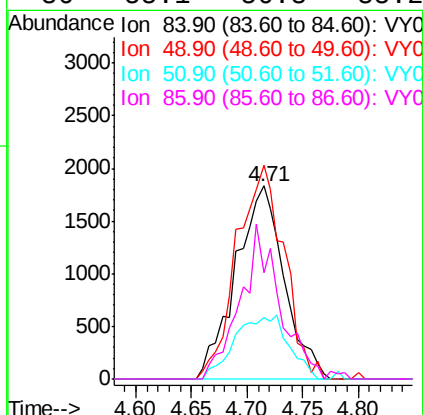
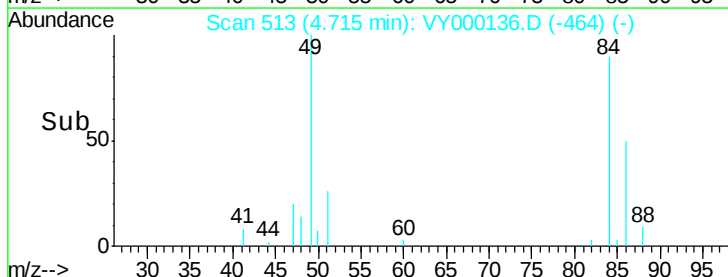
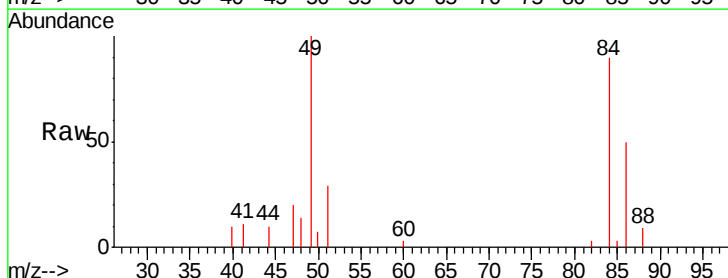
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

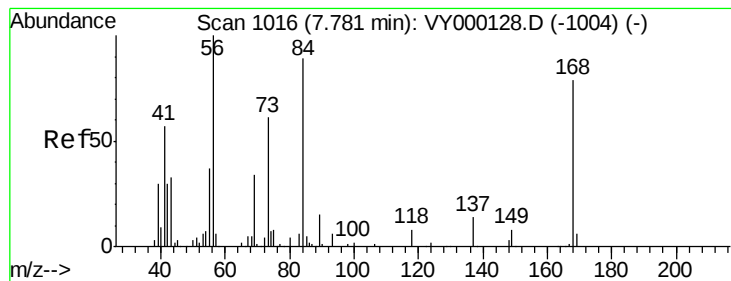
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
74 2.6 22.7 34.1#



#20
Methylene Chloride
Concen: 3.873 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000136.D
Acq: 23 Sep 2019 17:21

Tgt Ion: 84 Resp: 5534
Ion Ratio Lower Upper
84 100
49 110.6 85.8 128.6
51 31.8 29.2 43.8
86 55.1 56.8 85.2#





#31

Cyclohexane

Concen: 1.252 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

Instrument :

MSVOA_Y

ClientSampled :

SB-6

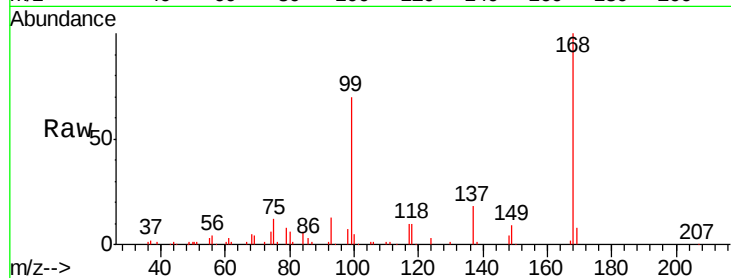
Tgt Ion: 56 Resp: 2664

Ion Ratio Lower Upper

56 100

69 108.7 27.1 40.7#

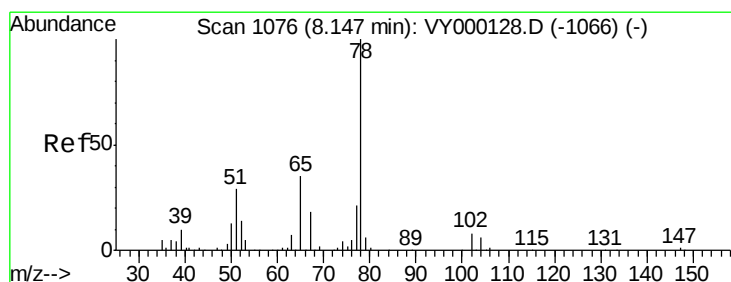
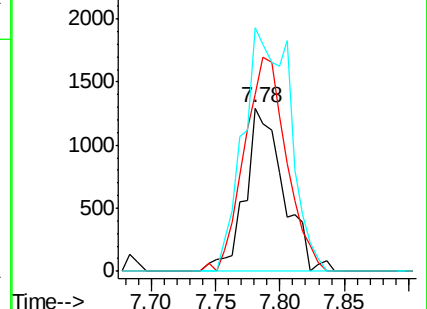
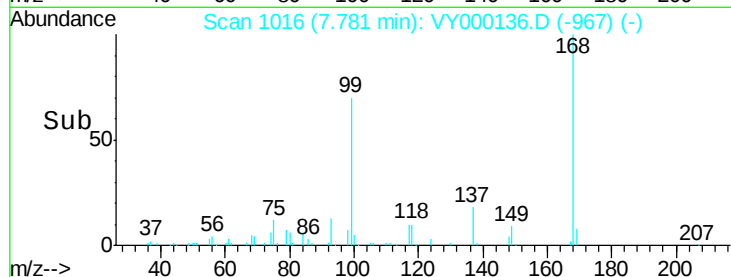
84 149.0 71.3 106.9#



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: 55.351 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000136.D

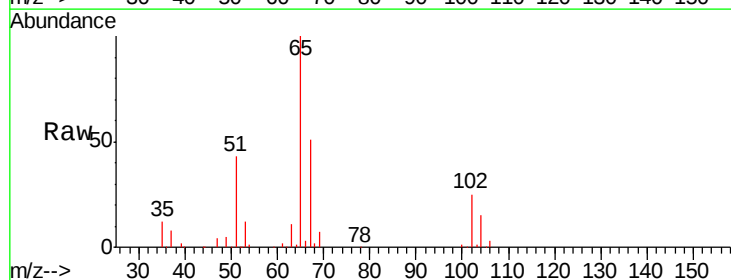
Acq: 23 Sep 2019 17:21

Tgt Ion: 65 Resp: 60538

Ion Ratio Lower Upper

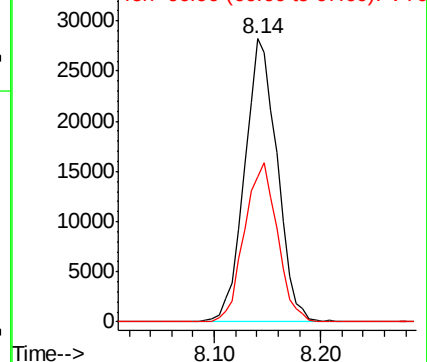
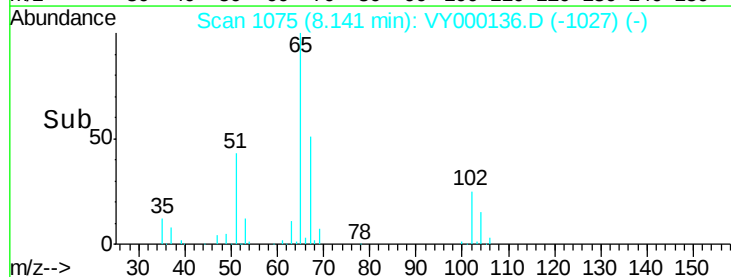
65 100

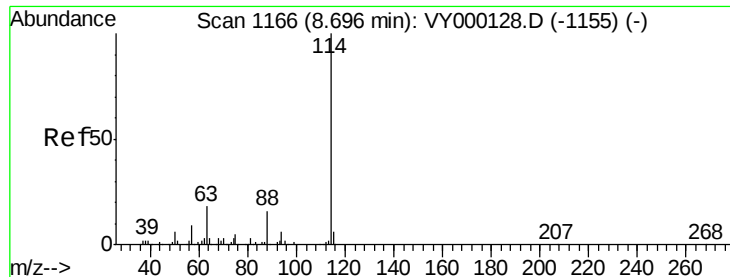
67 56.8 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

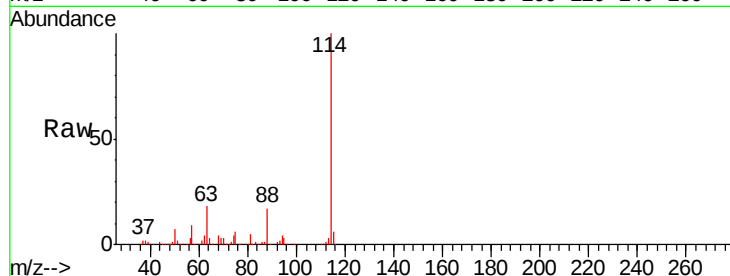




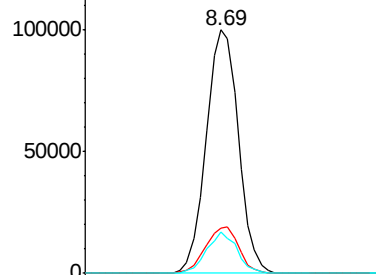
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000136.D
 Acq: 23 Sep 2019 17:21

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-6

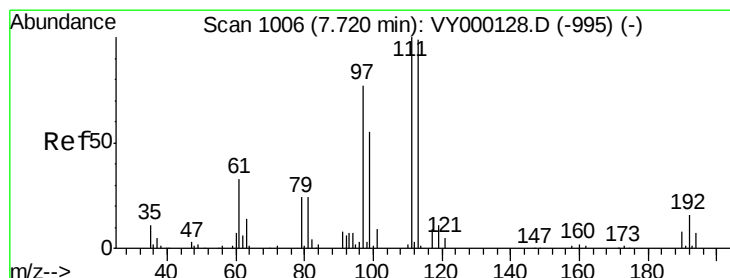
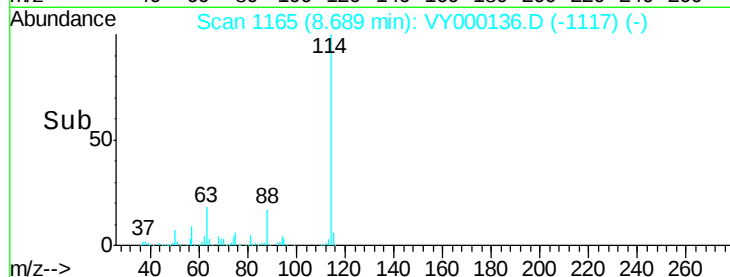
Tgt Ion:	114	Resp:	200184
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	16.8	0.0	31.8



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

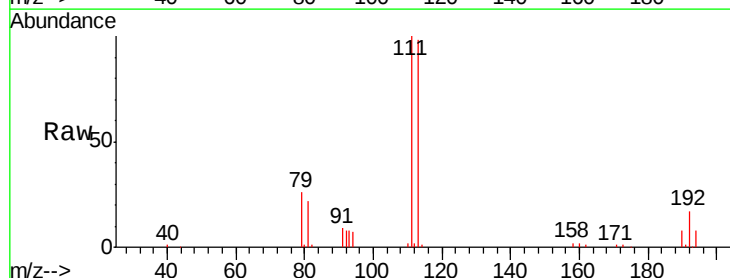


Time-->

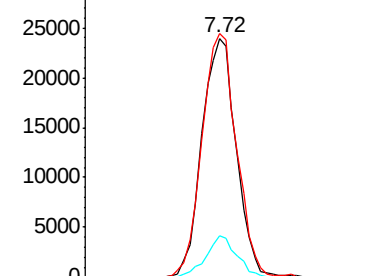


#35
 Dibromofluoromethane
 Concen: 50.592 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VY000136.D
 Acq: 23 Sep 2019 17:21

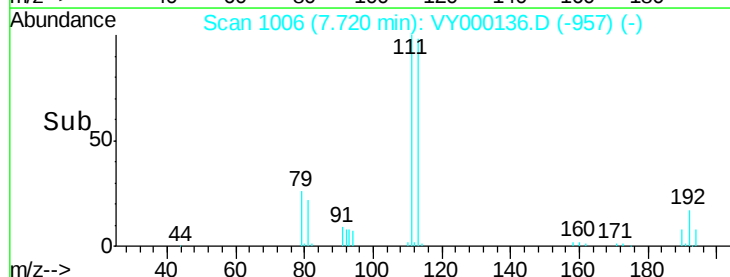
Tgt Ion:	113	Resp:	58153
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	15.5	13.5	20.3

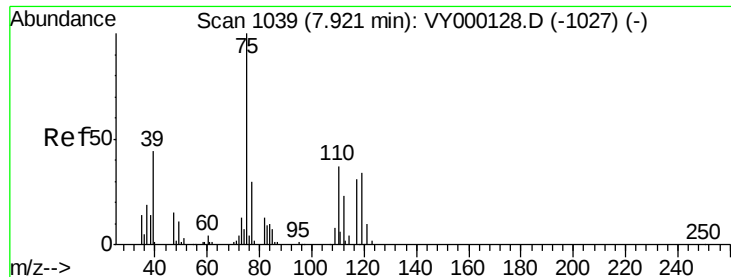


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

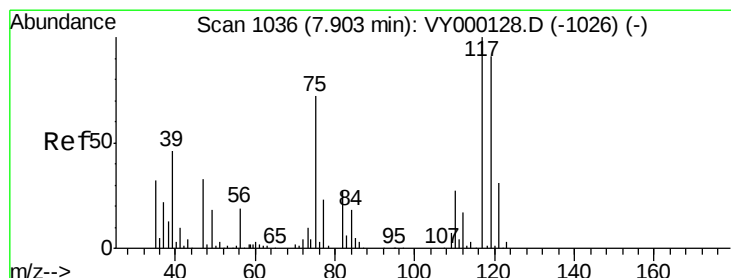
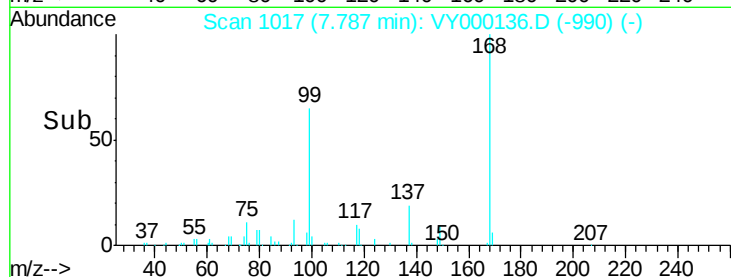
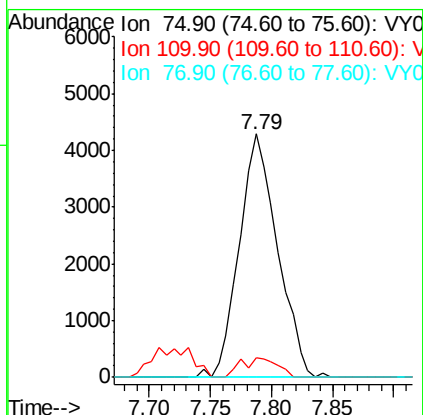
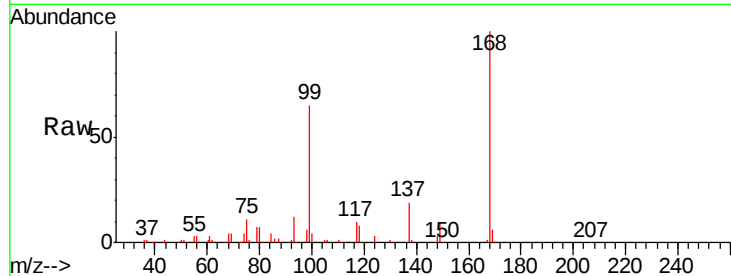




#36
 1,1-Dichloropropene
 Concen: 5.014 ug/l
 RT: 7.79 min Scan# 1017
 Delta R.T. -0.13 min
 Lab File: VY000136.D
 Acq: 23 Sep 2019 17:21

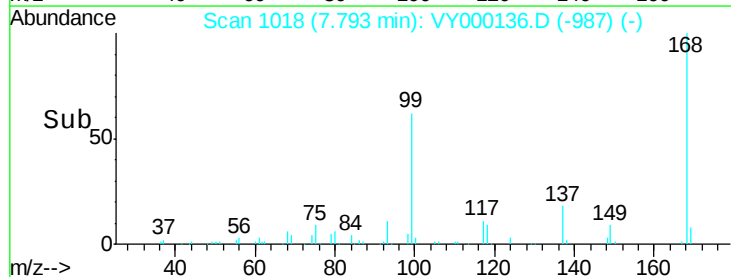
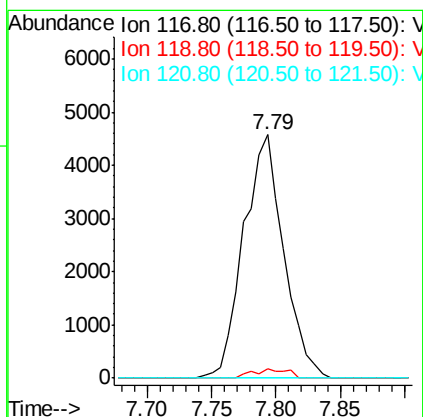
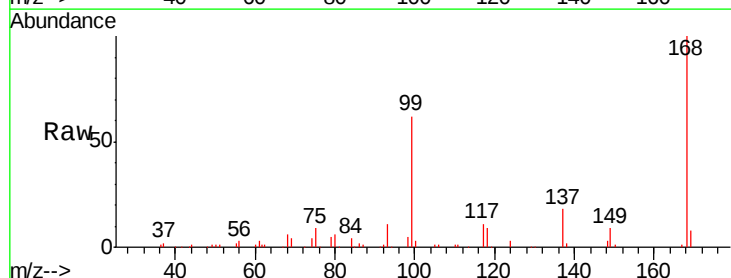
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

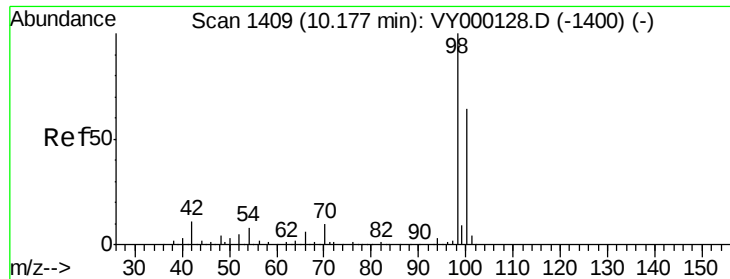
Tgt Ion: 75 Resp: 9293
 Ion Ratio Lower Upper
 75 100
 110 7.7 19.1 57.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.171 ug/l
 RT: 7.79 min Scan# 1018
 Delta R.T. -0.11 min
 Lab File: VY000136.D
 Acq: 23 Sep 2019 17:21

Tgt Ion: 117 Resp: 9817
 Ion Ratio Lower Upper
 117 100
 119 3.6 72.6 108.8#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 50.705 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

Instrument :

MSVOA_Y

ClientSampleId :

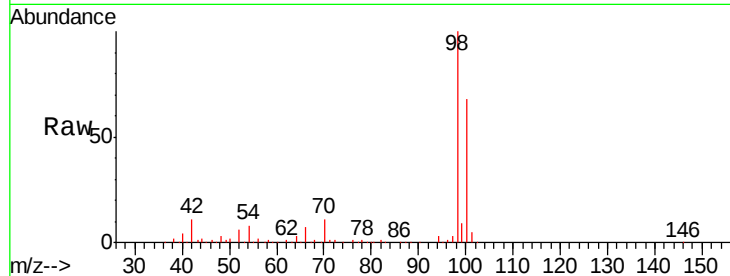
SB-6

Tgt Ion: 98 Resp: 234628

Ion Ratio Lower Upper

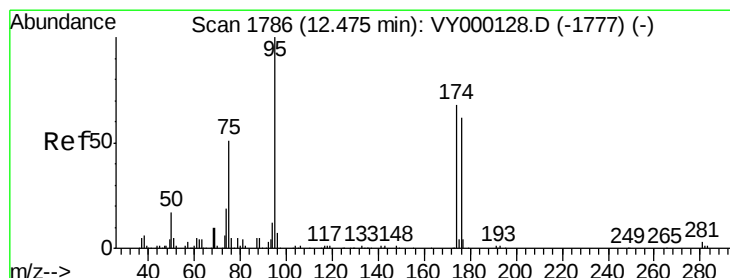
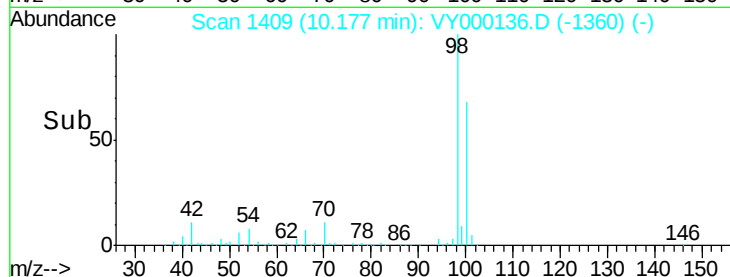
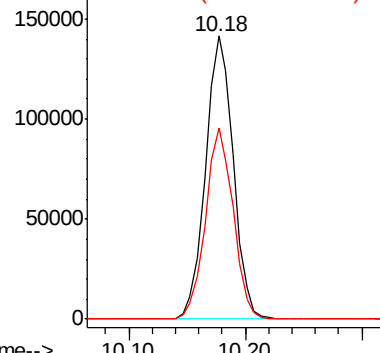
98 100

100 67.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 43.838 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

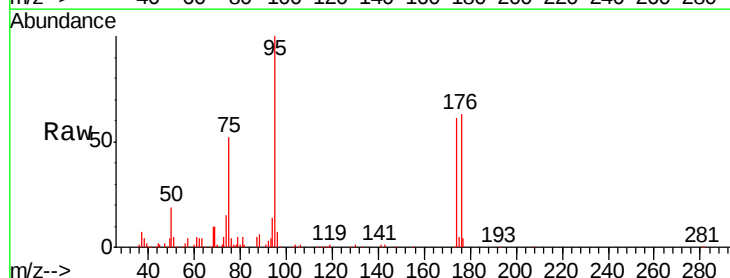
Tgt Ion: 95 Resp: 74606

Ion Ratio Lower Upper

95 100

174 65.8 0.0 140.8

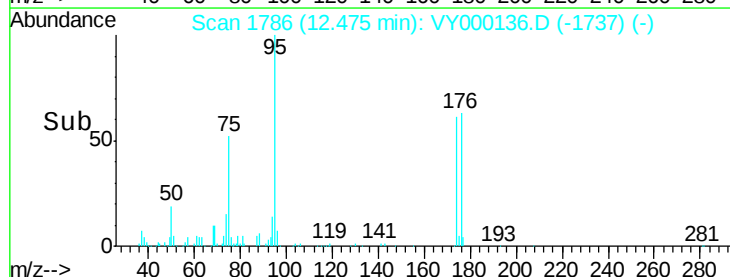
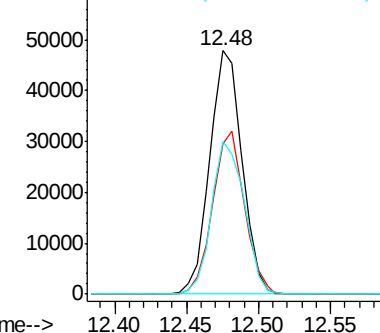
176 63.8 0.0 135.0

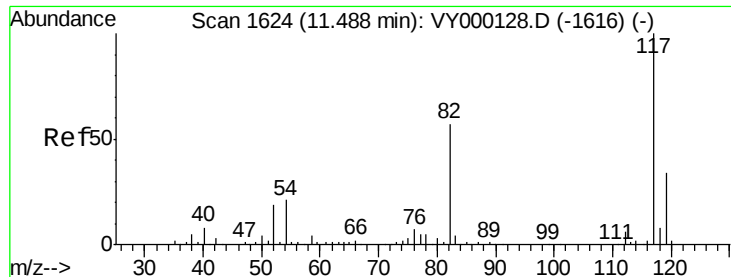


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

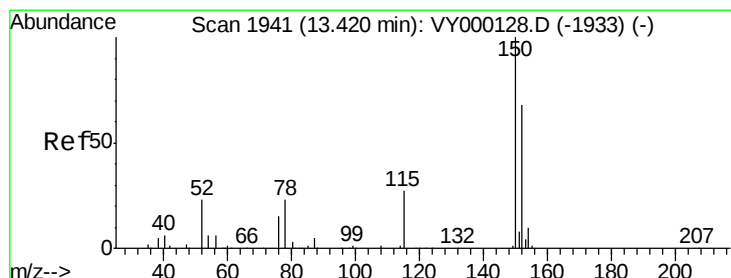
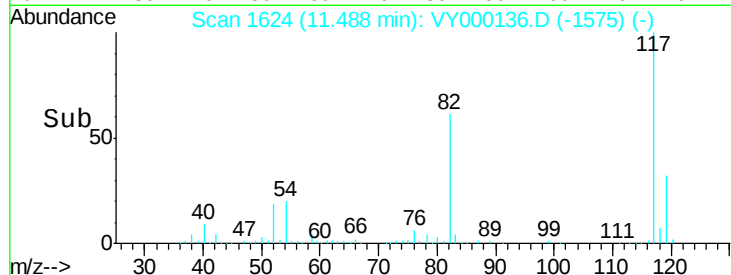
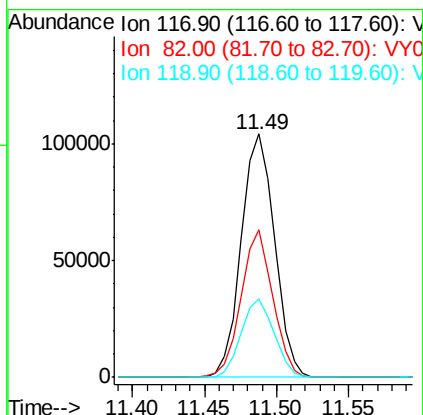
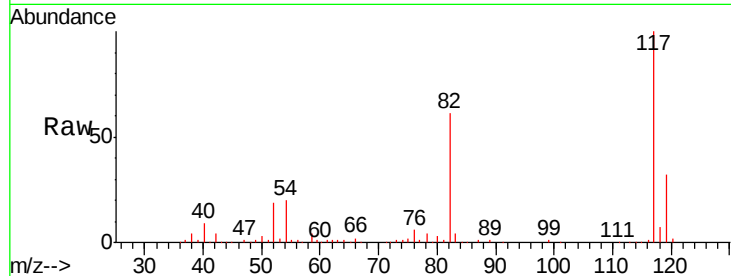




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000136.D
Acq: 23 Sep 2019 17:21

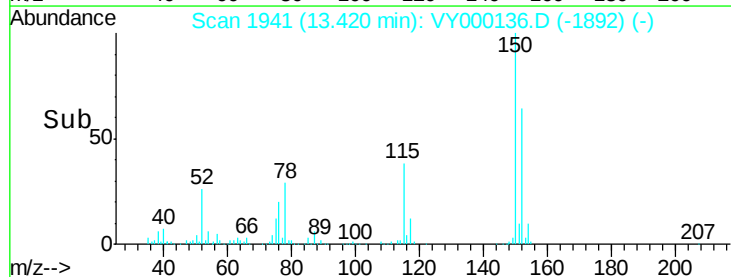
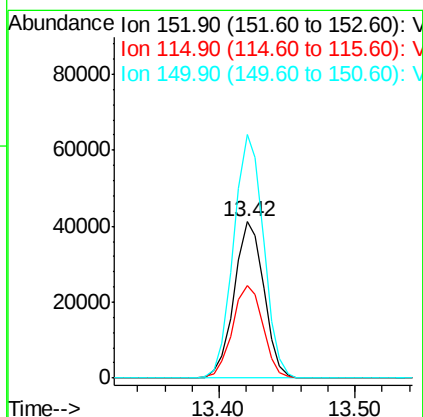
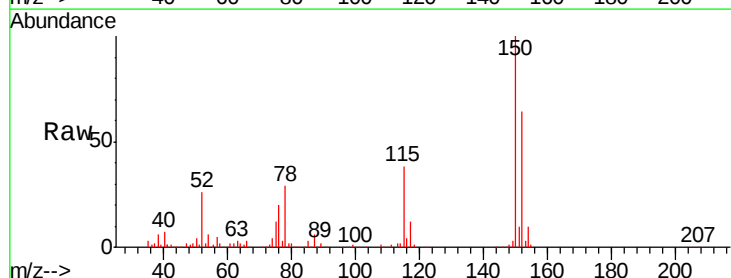
Instrument :
MSVOA_Y
ClientSampled :
SB-6

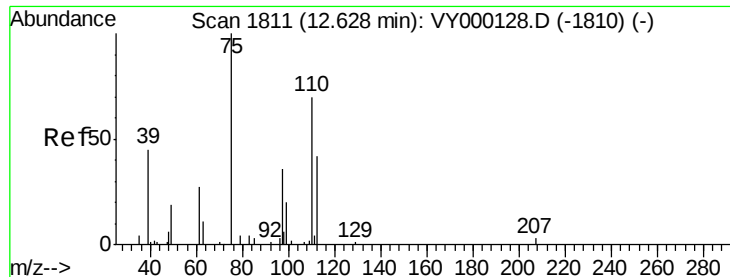
Tgt Ion:117 Resp: 167106
Ion Ratio Lower Upper
117 100
82 60.5 45.5 68.3
119 32.5 27.3 40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000136.D
Acq: 23 Sep 2019 17:21

Tgt Ion:152 Resp: 62706
Ion Ratio Lower Upper
152 100
115 61.2 30.8 92.3
150 157.2 0.0 354.6





#76

1,2,3-Trichloropropane

Concen: 58.168 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.15 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

Instrument :

MSVOA_Y

ClientSampled :

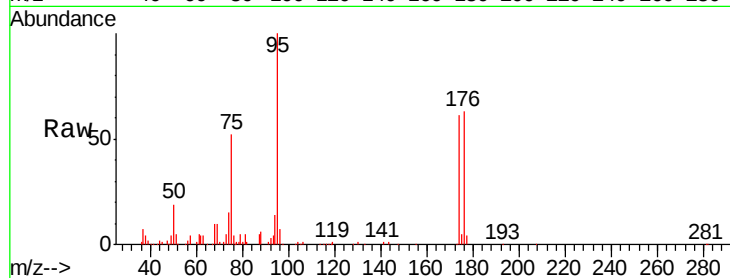
SB-6

Tgt Ion: 75 Resp: 38225

Ion Ratio Lower Upper

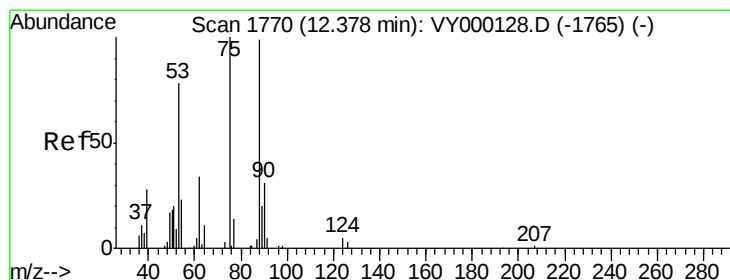
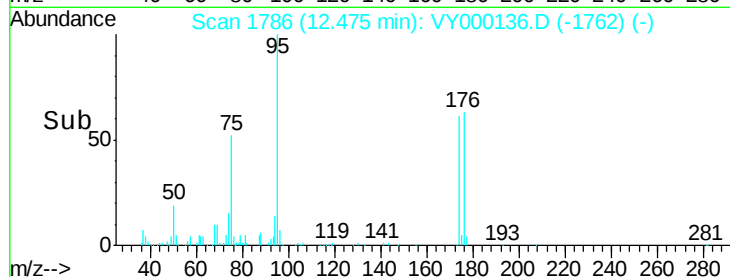
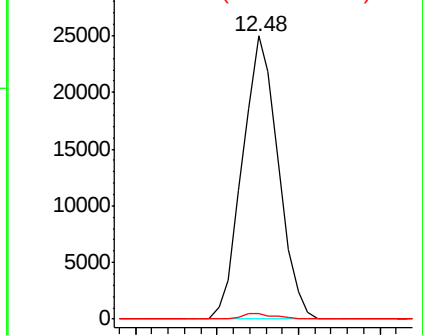
75 100

77 1.9 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: 95.613 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.10 min

Lab File: VY000136.D

Acq: 23 Sep 2019 17:21

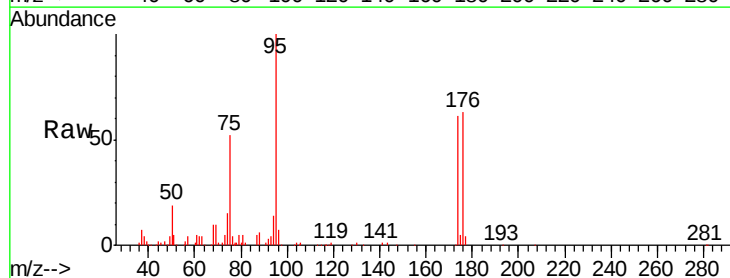
Tgt Ion: 75 Resp: 38225

Ion Ratio Lower Upper

75 100

53 0.0 62.5 93.7#

89 0.0 31.4 47.2#



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

