

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000138.D
 Acq On : 23 Sep 2019 18:07
 Operator : SY/MD
 Sample : K5008-08
 Misc : 5.91g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Sep 24 05:23:39 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

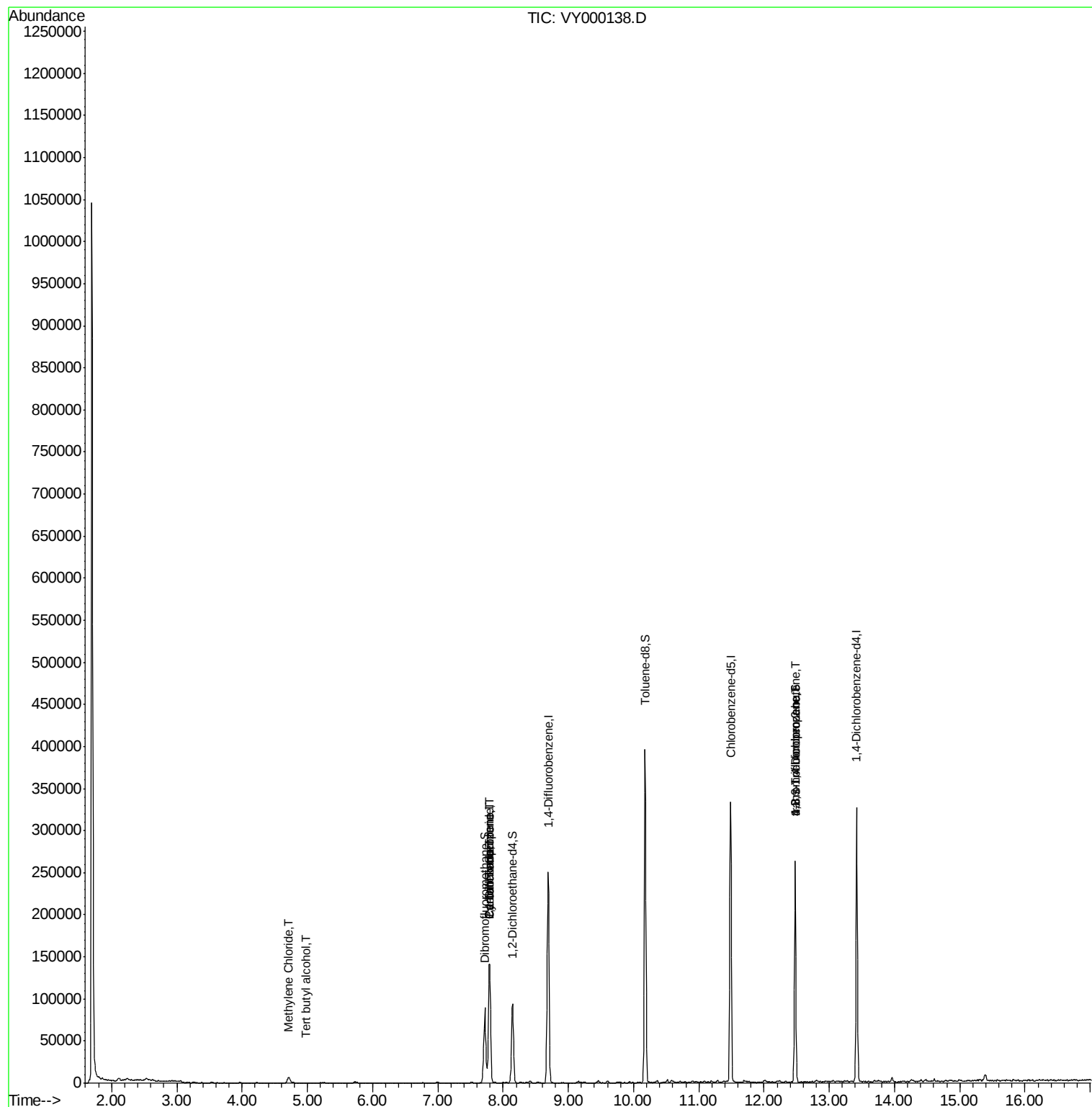
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	109363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	213906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	74576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	67983	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.72	113	62254	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.18	98	251848	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.48	95	83605	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
3) Chloromethane	2.11	50	1600	Below Cal		94
11) Tert butyl alcohol	4.98	59	291	2.242 ug/l #		72
20) Methylene Chloride	4.71	84	4887	2.976 ug/l #		72
31) Cyclohexane	7.80	56	3120	1.276 ug/l #		3
36) 1,1-Dichloropropene	7.79	75	9233	4.662 ug/l #		51
38) Carbon Tetrachloride	7.79	117	10552	6.208 ug/l #		18
76) 1,2,3-Trichloropropane	12.48	75	41904	53.617 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	41904	88.132 ug/l #		19

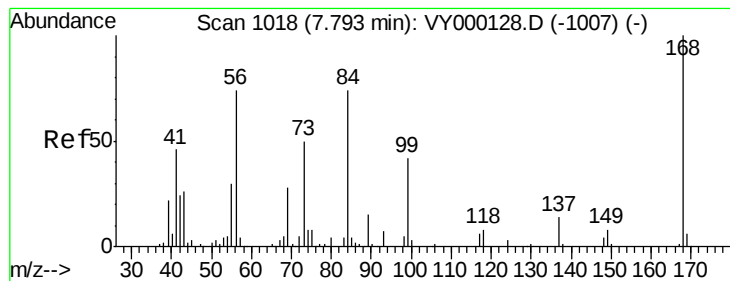
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000138.D

Acq: 23 Sep 2019 18:07

Instrument :

MSVOA_Y

ClientSampled :

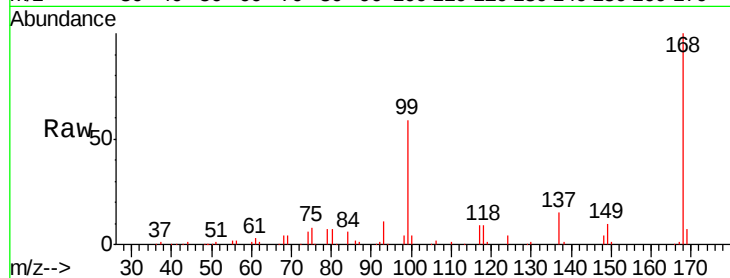
SB-8

Tgt Ion:168 Resp: 109363

Ion Ratio Lower Upper

168 100

99 59.5 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY000138.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000138.D (-1007) (-)

7.79

50000

40000

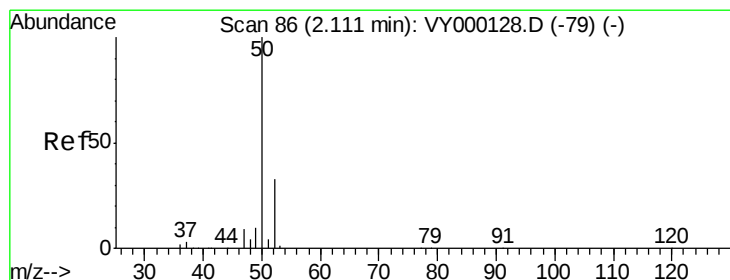
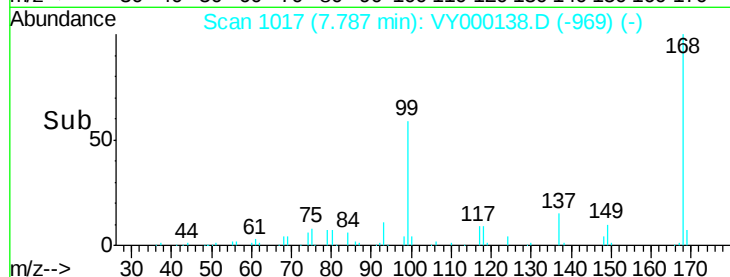
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000138.D

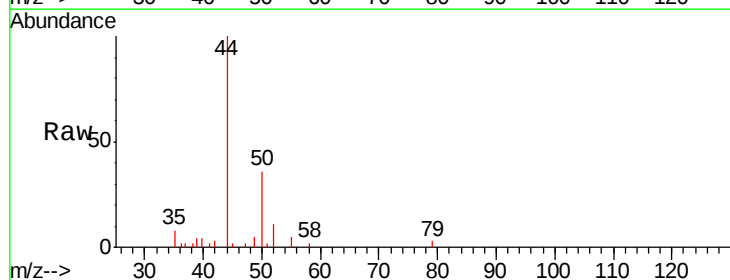
Acq: 23 Sep 2019 18:07

Tgt Ion: 50 Resp: 1600

Ion Ratio Lower Upper

50 100

52 29.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VY000138.D (-37) (-)

Ion 51.90 (51.60 to 52.60): VY000138.D (-37) (-)

2.11

1200

1000

800

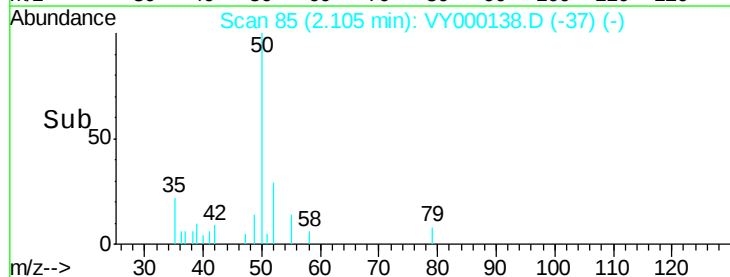
600

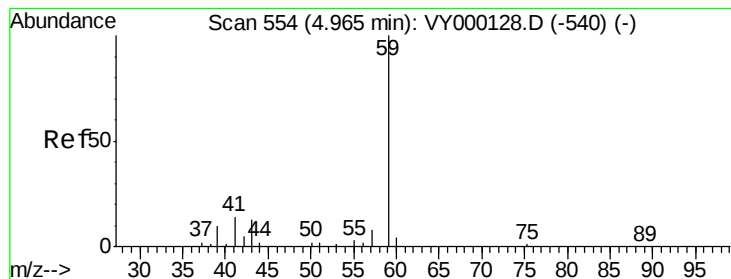
400

200

0

Time-->



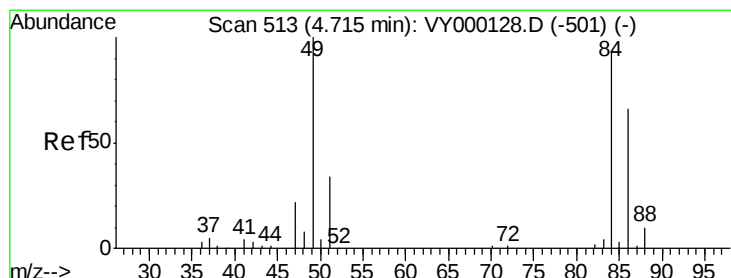
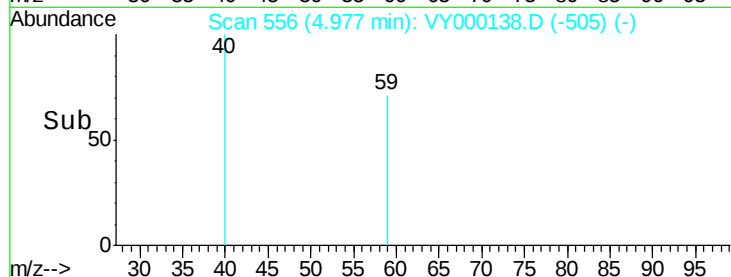
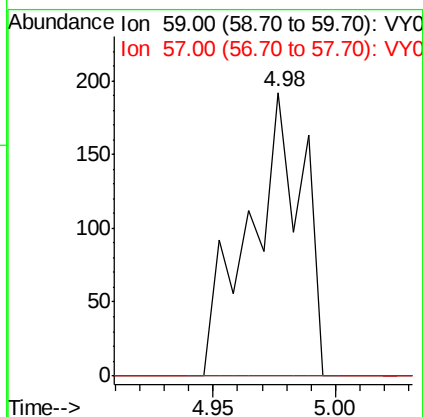
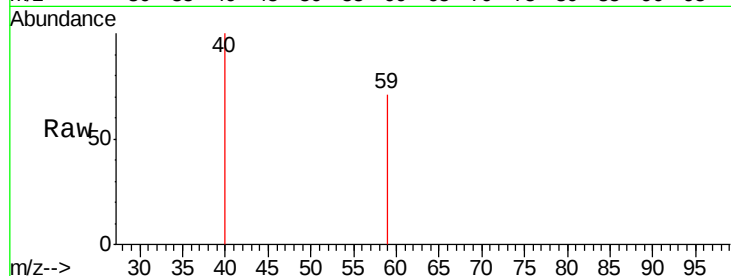


#11

Tert butyl alcohol
 Concen: 2.242 ug/l
 RT: 4.98 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

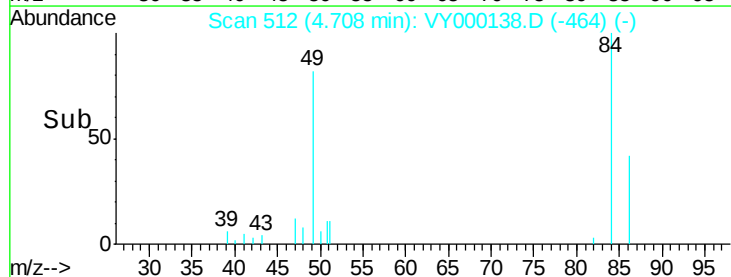
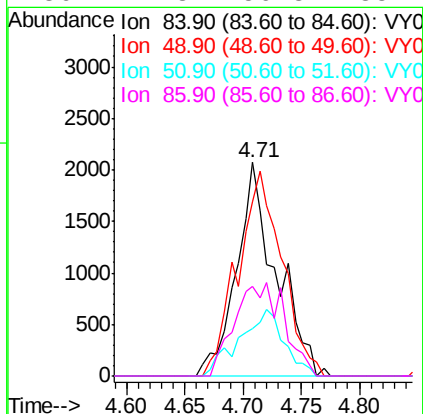
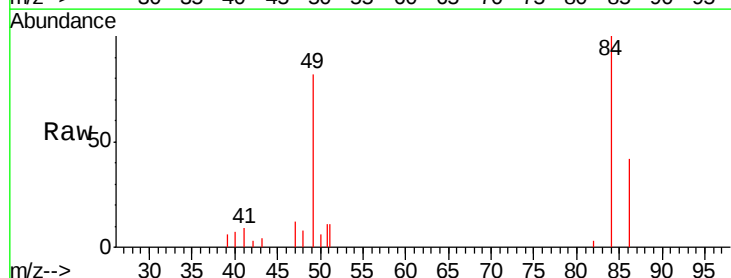
Tgt Ion: 59 Resp: 291
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

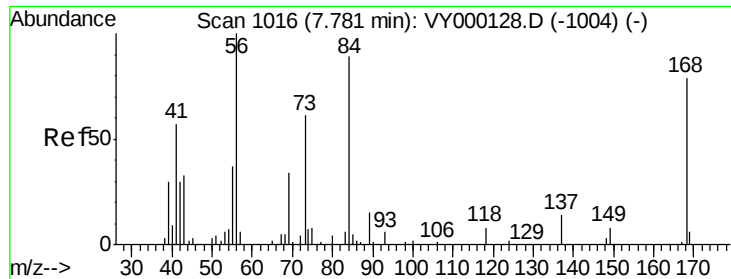


#20

Methylene Chloride
 Concen: 2.976 ug/l
 RT: 4.71 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

Tgt Ion: 84 Resp: 4887
 Ion Ratio Lower Upper
 84 100
 49 81.5 85.8 128.6#
 51 22.2 29.2 43.8#
 86 42.3 56.8 85.2#

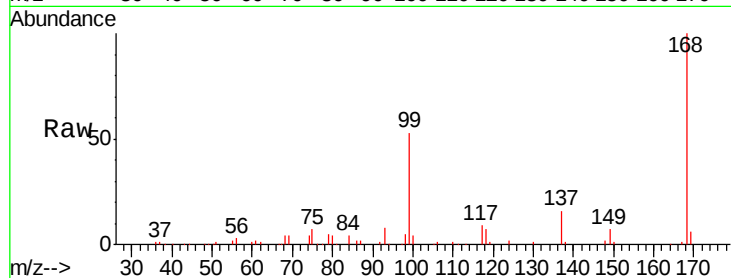




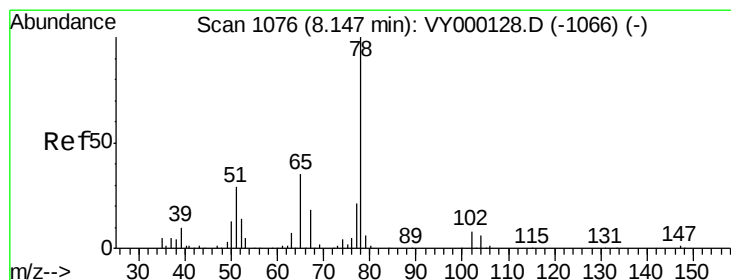
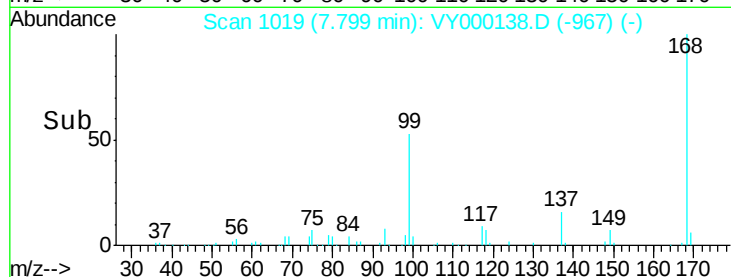
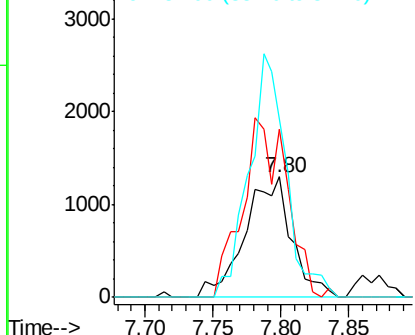
#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. 0.02 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

Instrument :
MSVOA_Y
ClientSampled :
SB-8

Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 140.4 27.1 40.7#
84 148.7 71.3 106.9#

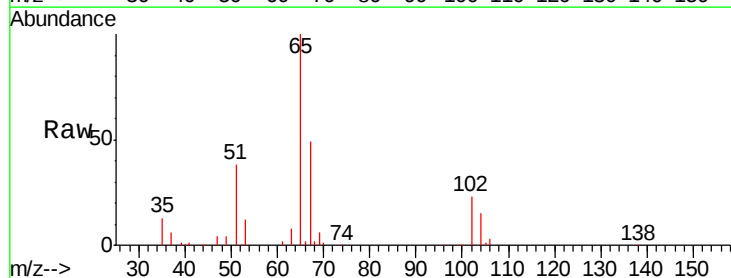


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

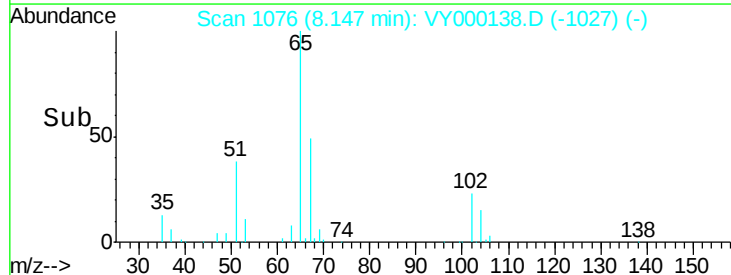
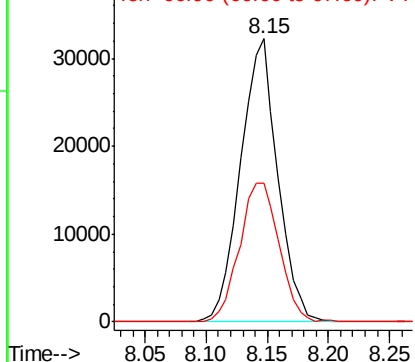


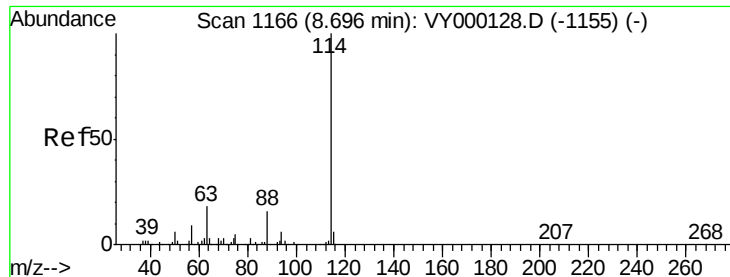
#33
1,2-Dichloroethane-d4
Concen: 54.077 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 65 Resp: 67983
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6



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

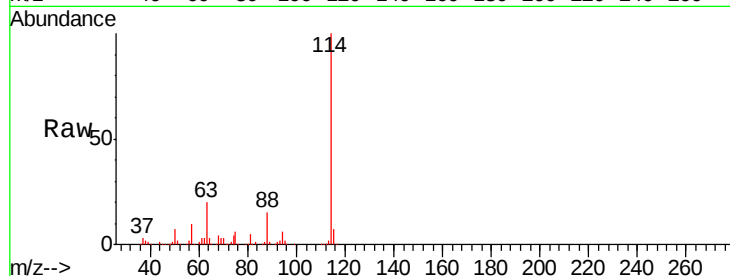




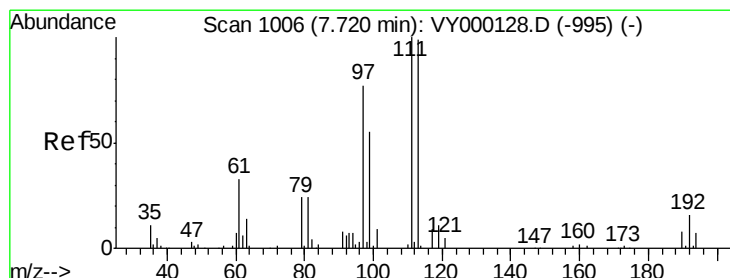
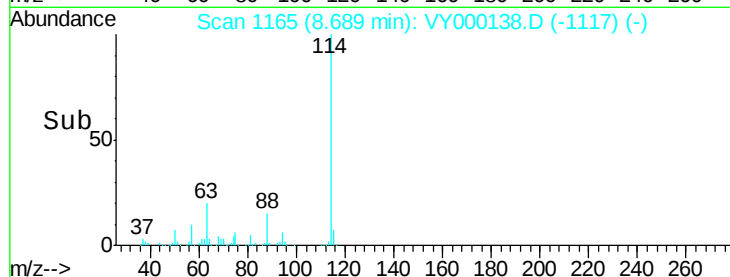
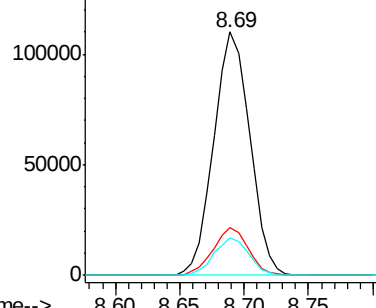
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-8

Tgt Ion:	114	Resp:	213906
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	35.6
88	15.2	0.0	31.8

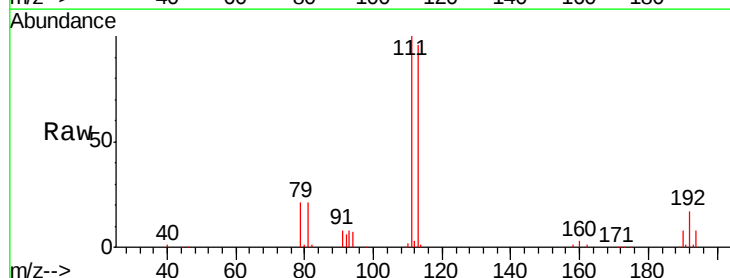


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

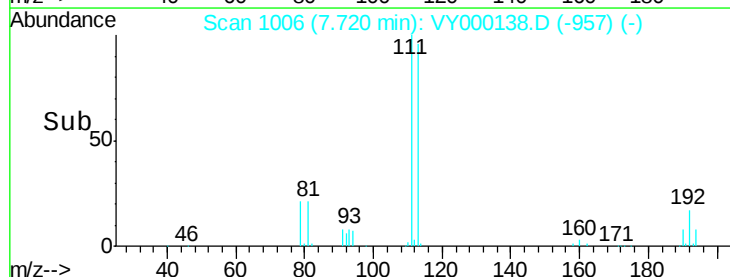
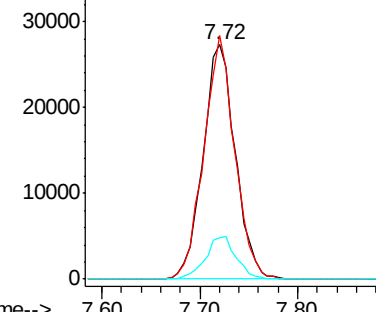


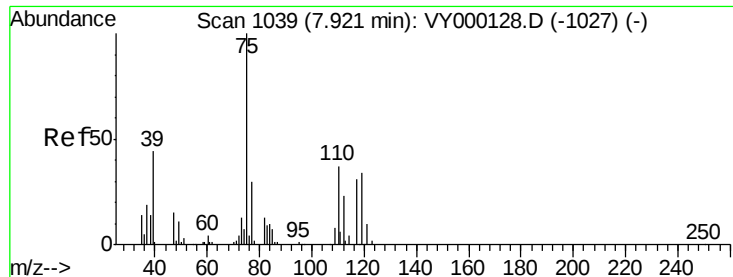
#35
 Dibromofluoromethane
 Concen: 50.686 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

Tgt Ion:	113	Resp:	62254
Ion	Ratio	Lower	Upper
113	100		
111	99.2	83.0	124.4
192	17.4	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

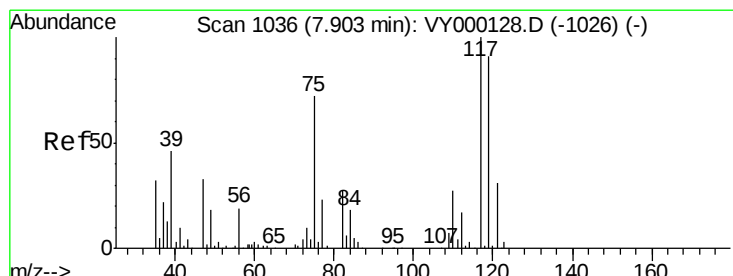
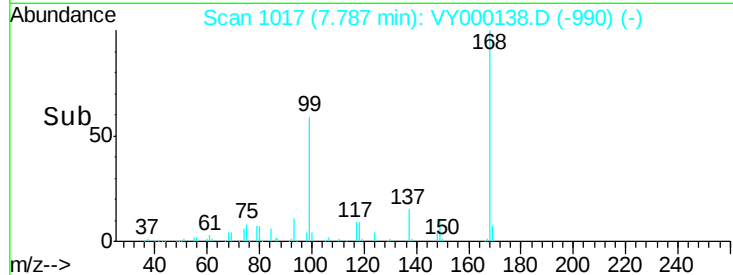
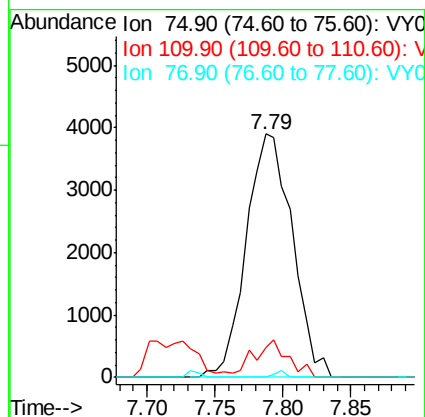
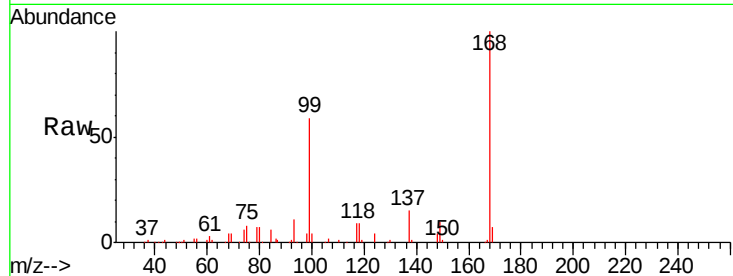




#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 7.79 min Scan# 1017
 Delta R.T. -0.13 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

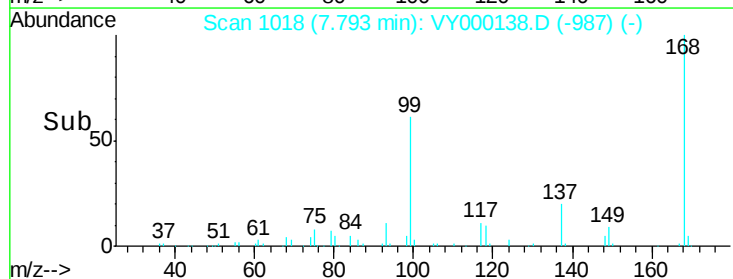
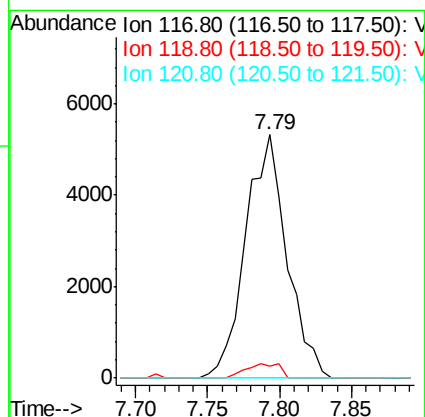
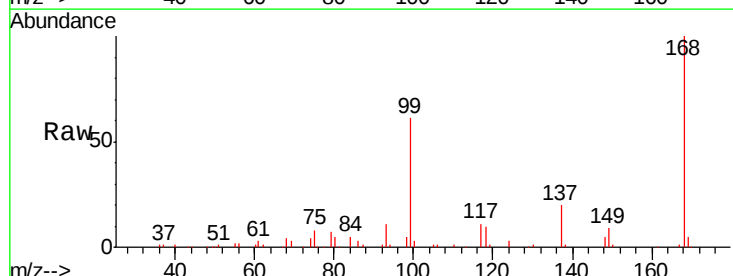
Instrument :
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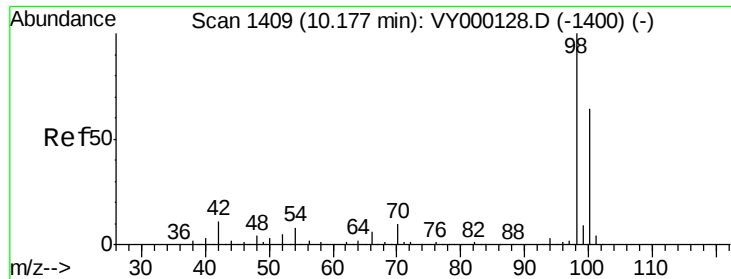
Tgt Ion: 75 Resp: 9233
 Ion Ratio Lower Upper
 75 100
 110 11.3 19.1 57.3#
 77 0.7 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.208 ug/l
 RT: 7.79 min Scan# 1018
 Delta R.T. -0.11 min
 Lab File: VY000138.D
 Acq: 23 Sep 2019 18:07

Tgt Ion: 117 Resp: 10552
 Ion Ratio Lower Upper
 117 100
 119 4.9 72.6 108.8#
 121 0.0 24.3 36.5#

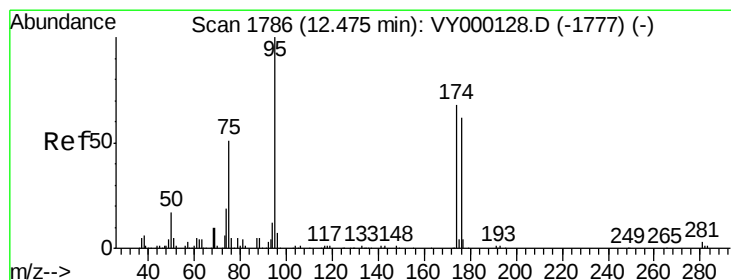
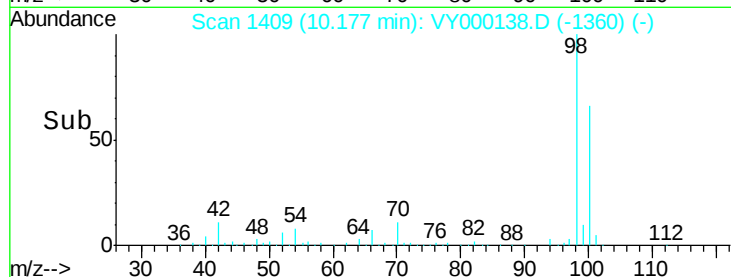
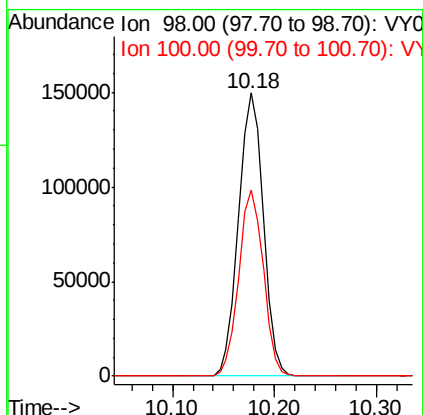
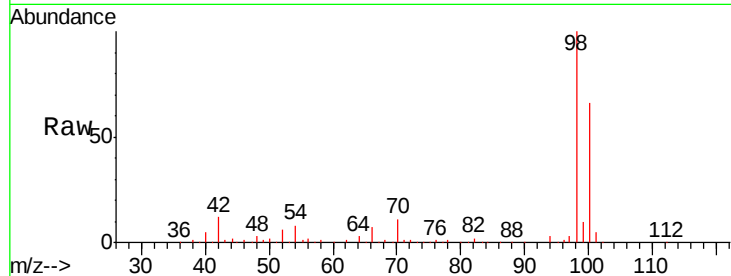




#50
Toluene-d8
Concen: 50.935 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

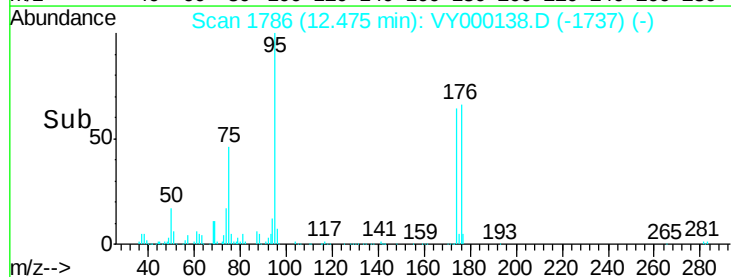
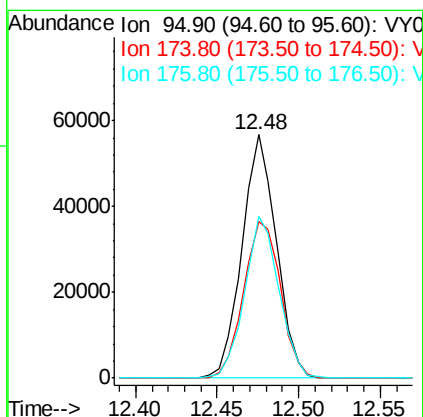
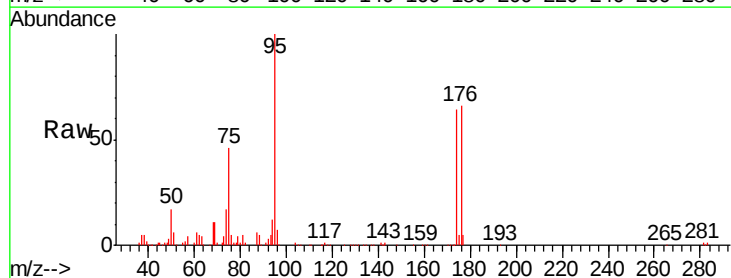
Instrument :
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SB-8

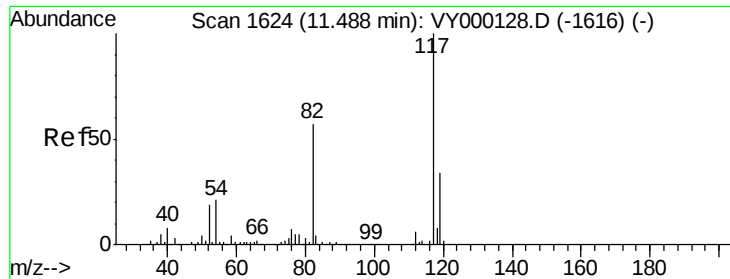
Tgt Ion: 98 Resp: 251848
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

Tgt Ion: 95 Resp: 83605
Ion Ratio Lower Upper
95 100
174 69.0 0.0 140.8
176 66.3 0.0 135.0

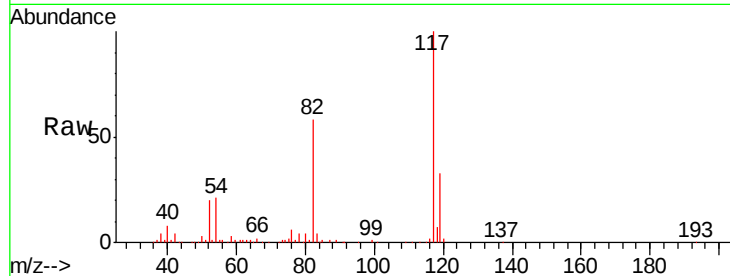




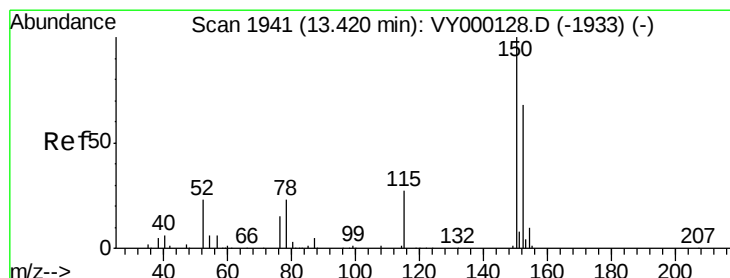
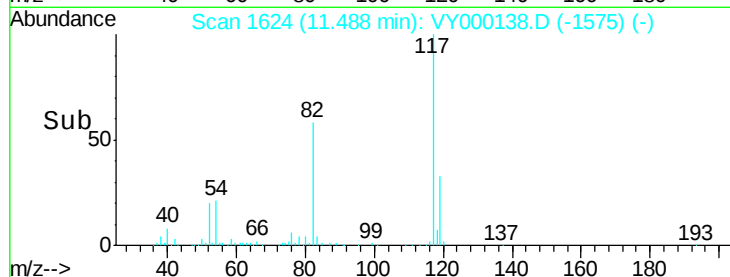
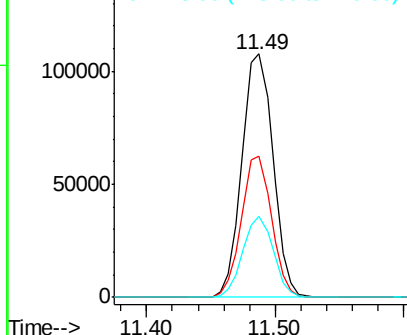
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

Instrument :
MSVOA_Y
ClientSampled :
SB-8

Tgt Ion:117 Resp: 180660
Ion Ratio Lower Upper
117 100
82 57.8 45.5 68.3
119 33.3 27.3 40.9

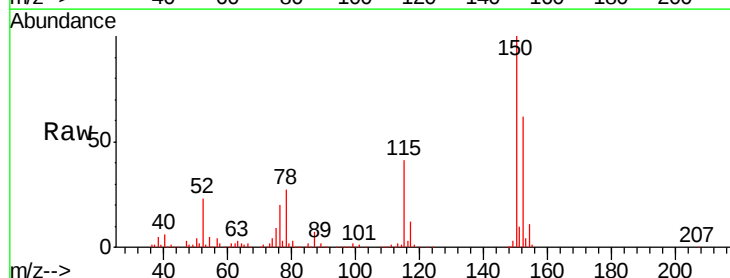


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

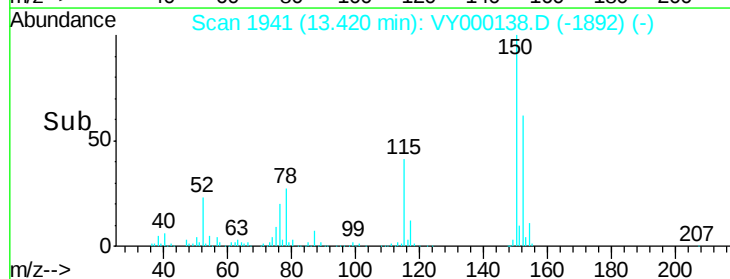
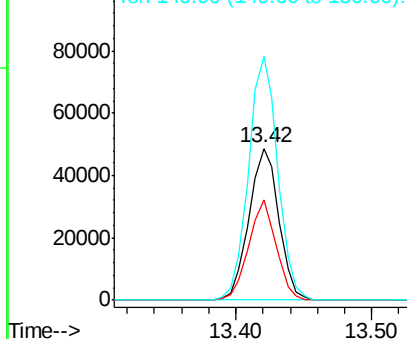


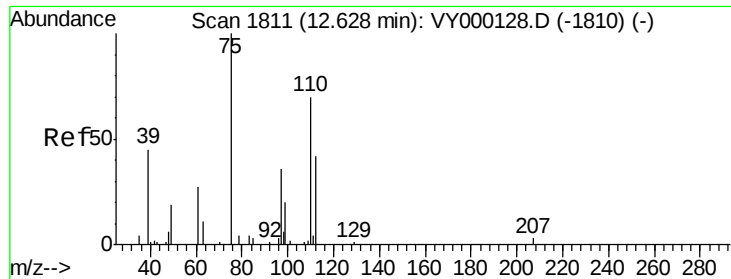
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000138.D
Acq: 23 Sep 2019 18:07

Tgt Ion:152 Resp: 74576
Ion Ratio Lower Upper
152 100
115 61.6 30.8 92.3
150 157.9 0.0 354.6



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: 53.617 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.15 min

Lab File: VY000138.D

Acq: 23 Sep 2019 18:07

Instrument :

MSVOA_Y

ClientSampleId :

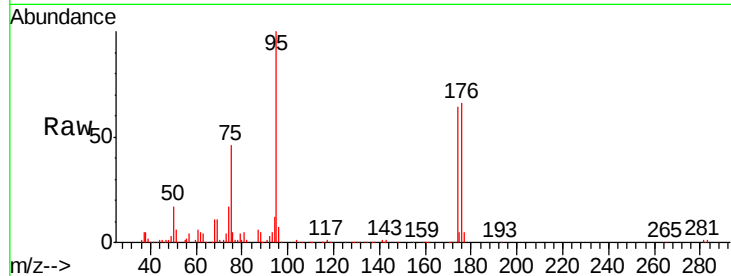
SB-8

Tgt Ion: 75 Resp: 41904

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

25000

20000

15000

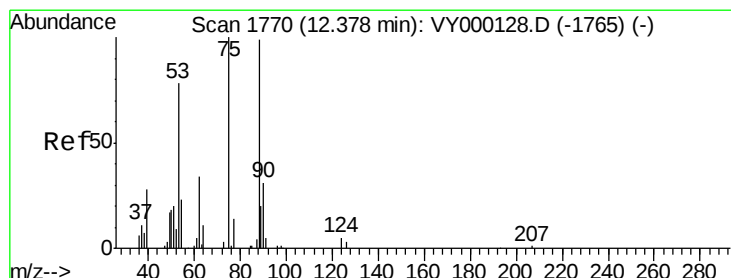
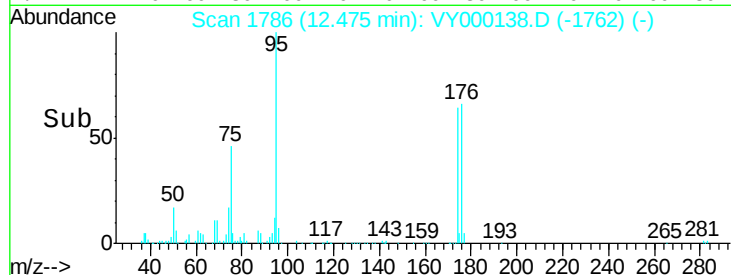
10000

5000

0

Time-->

12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 88.132 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.10 min

Lab File: VY000138.D

Acq: 23 Sep 2019 18:07

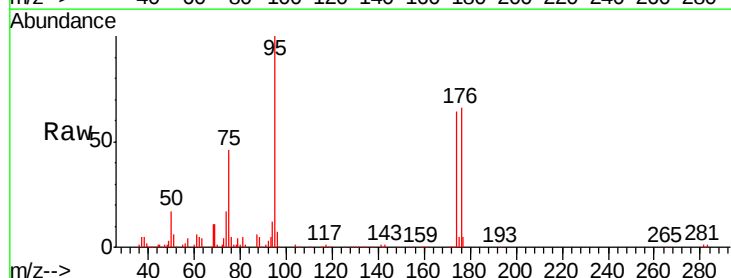
Tgt Ion: 75 Resp: 41904

Ion Ratio Lower Upper

75 100

53 0.3 62.5 93.7#

89 0.4 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

12.48

30000

20000

10000

0

Time-->

12.40 12.45 12.50 12.55

