

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000614.D
 Acq On : 08 Nov 2019 14:05
 Operator : SY/MD
 Sample : K5722-13
 Misc : 5.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-C

Quant Time: Nov 11 04:44:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

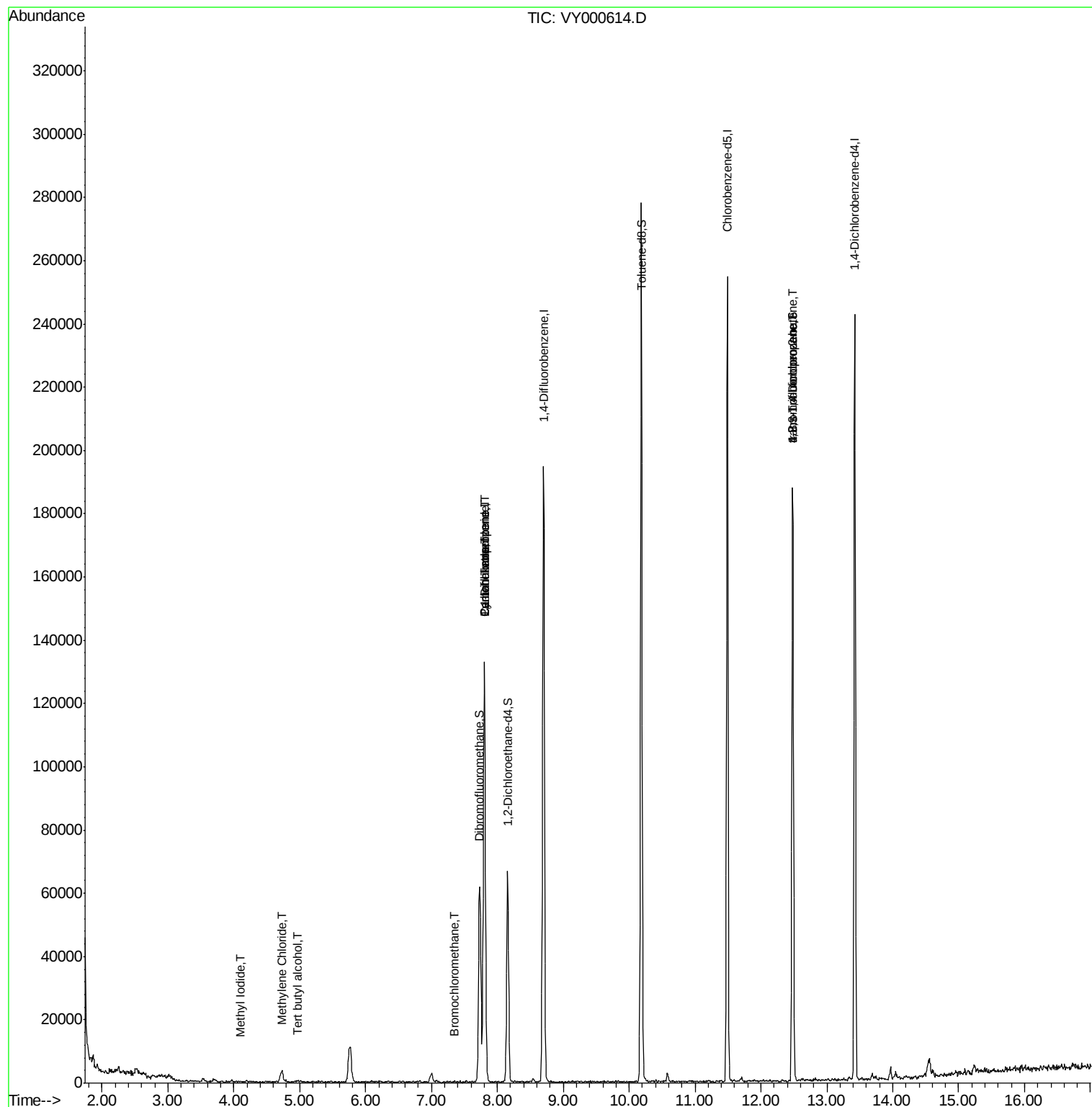
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	102434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	161656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	129464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	55374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	50401	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.73	113	44890	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.19	98	177636	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.48	95	55505	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.09	142	75	3.250	ug/l #	41
11) Tert butyl alcohol	4.97	59	400	3.876	ug/l #	72
20) Methylene Chloride	4.72	84	2953	2.359	ug/l	86
28) Bromochloromethane	7.36	49	64	4.158	ug/l #	14
31) Cyclohexane	7.80	56	2565	1.250	ug/l #	14
36) 1,1-Dichloropropene	7.80	75	7683	5.027	ug/l #	51
38) Carbon Tetrachloride	7.80	117	10192	6.931	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	29907	47.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	29907	106.351	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampled :

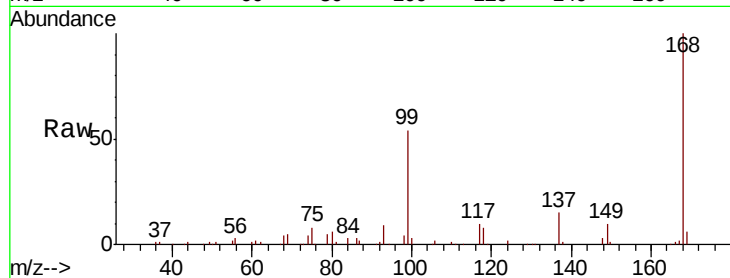
1-C

Tot Ion:168 Resp: 102434

Ion Ratio Lower Upper

168 100

99 54.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

50000

40000

30000

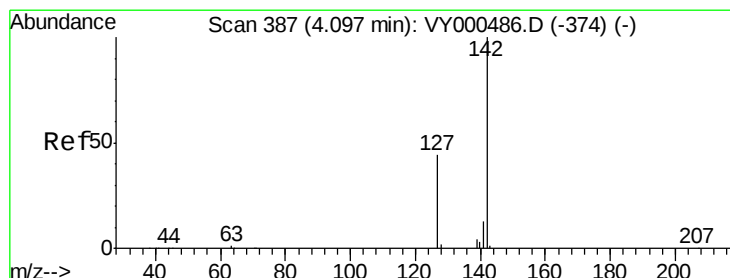
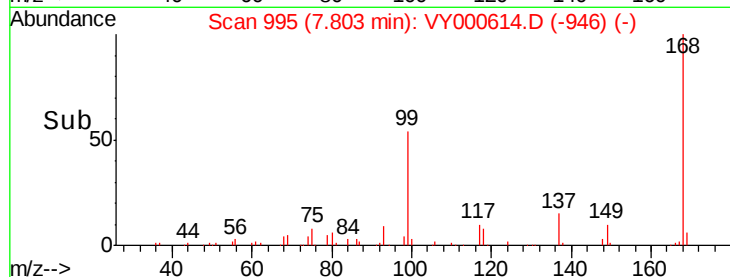
20000

10000

0

Time-->

7.70 7.80 7.90



#10

Methyl Iodide

Concen: 3.250 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

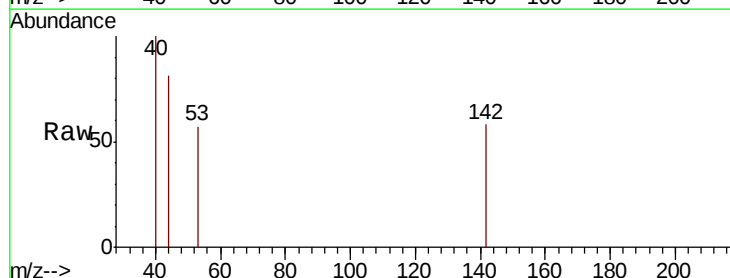
Tgt Ion:142 Resp: 75

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

141 0.0 10.9 16.3#



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

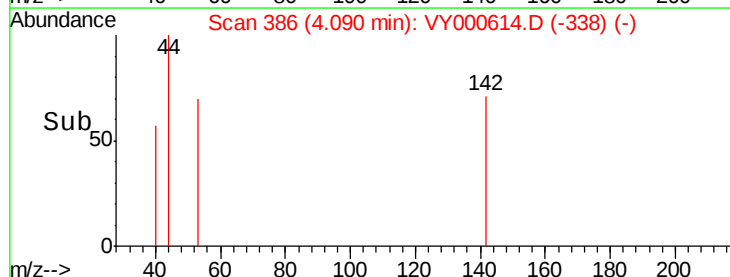
100

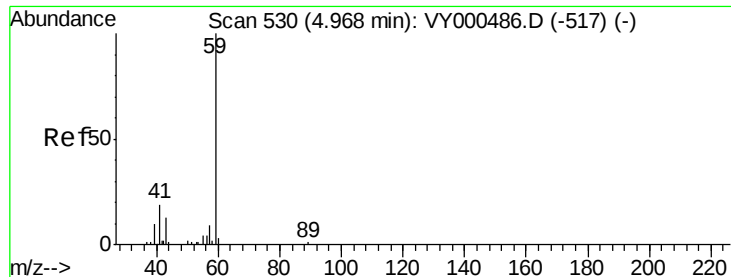
50

0

Time-->

4.06 4.08 4.10 4.12





#11

Tert butyl alcohol

Concen: 3.876 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

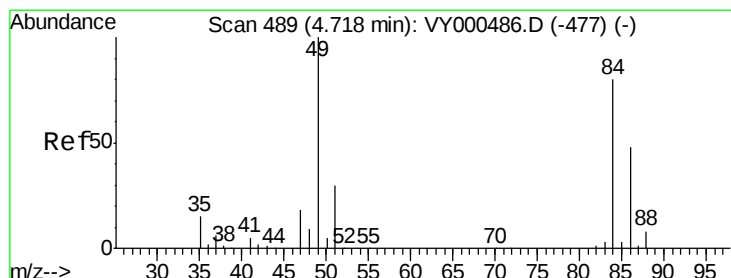
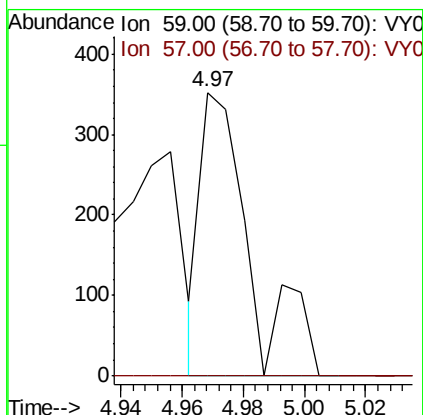
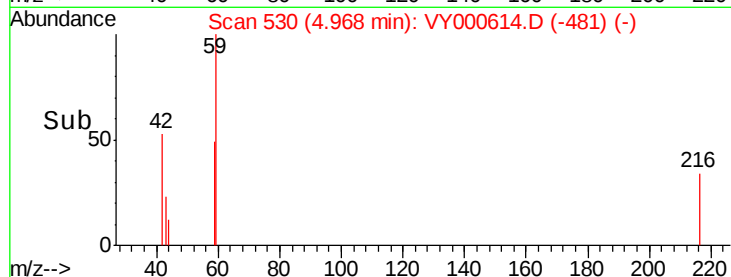
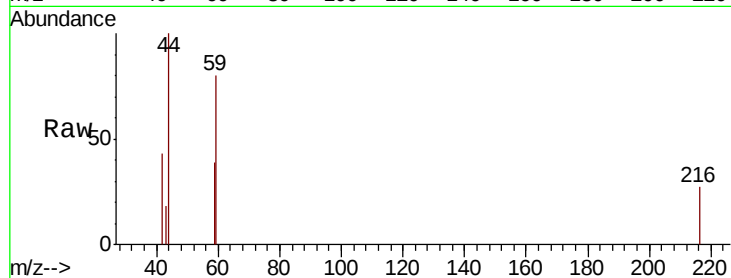
1-C

Tot Ion: 59 Resp: 400

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#20

Methylene Chloride

Concen: 2.359 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Tgt Ion: 84 Resp: 2953

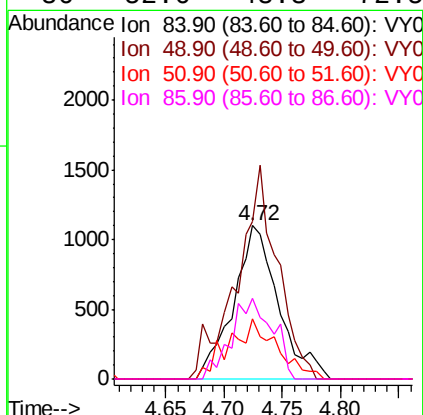
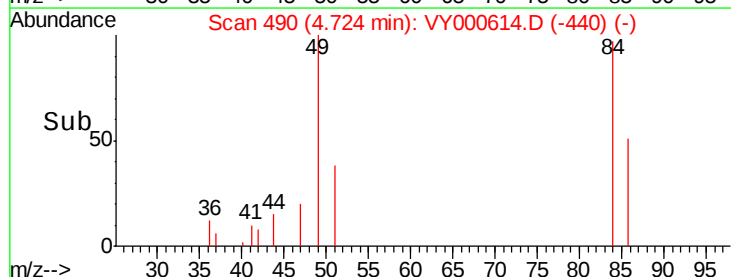
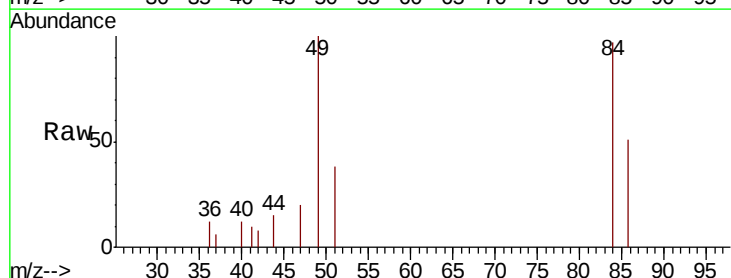
Ion Ratio Lower Upper

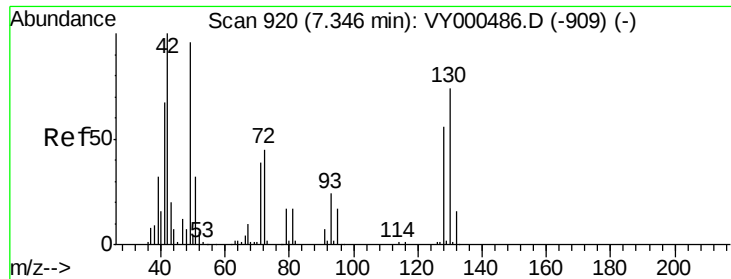
84 100

49 103.2 100.2 150.4

51 39.3 29.6 44.4

86 52.6 48.3 72.5





#28

Bromochloromethane

Concen: 4.158 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampled :

1-C

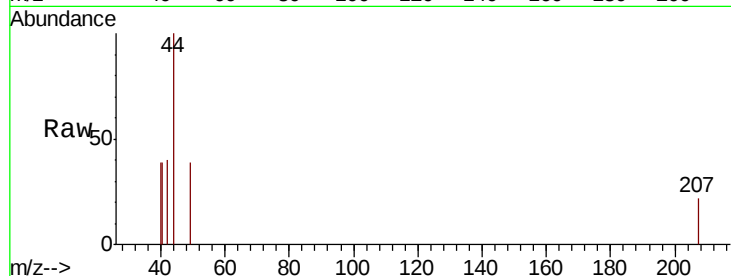
Tot Ion: 49 Resp: 64

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

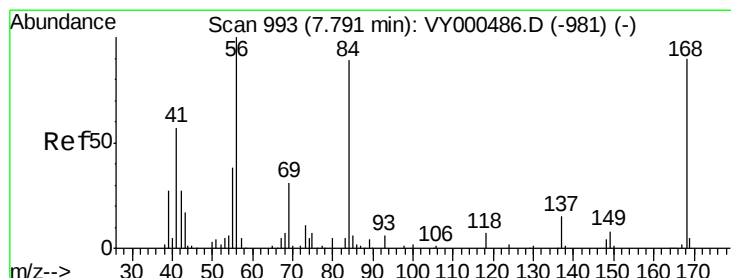
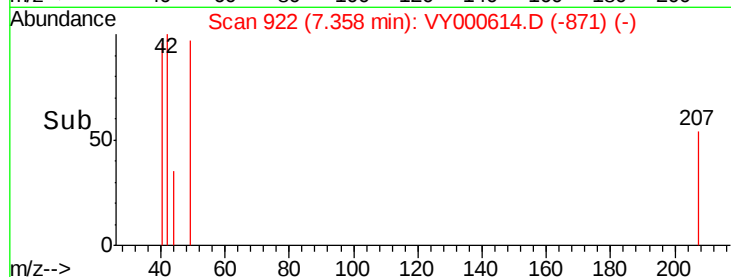
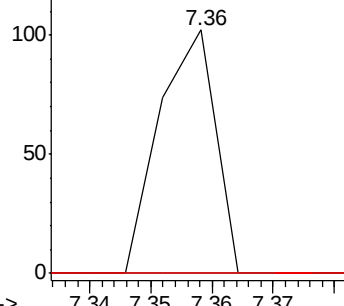
130 0.0 59.4 89.0#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

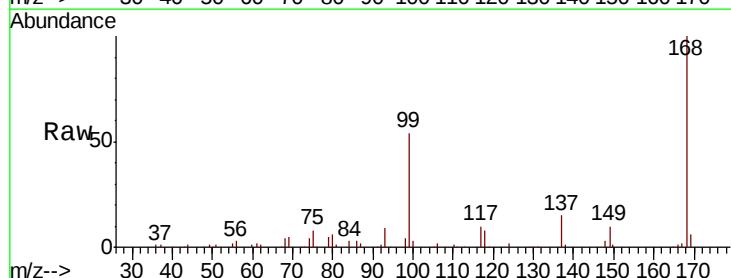
Tgt Ion: 56 Resp: 2565

Ion Ratio Lower Upper

56 100

69 182.9 25.0 37.6#

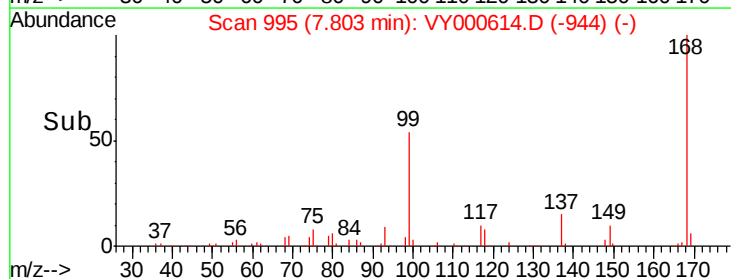
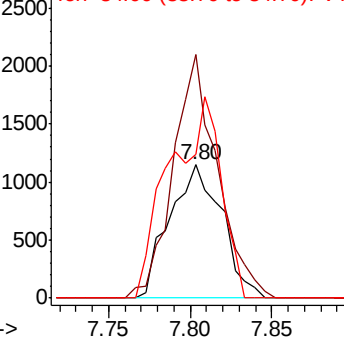
84 107.6 71.4 107.2#

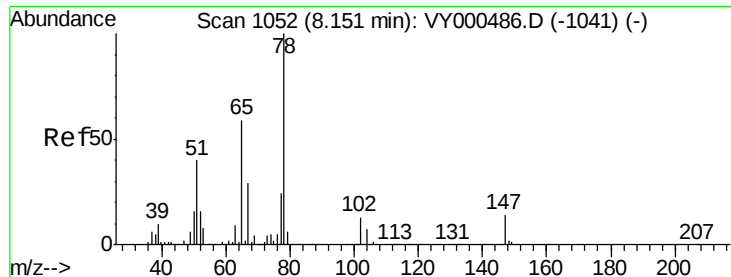


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

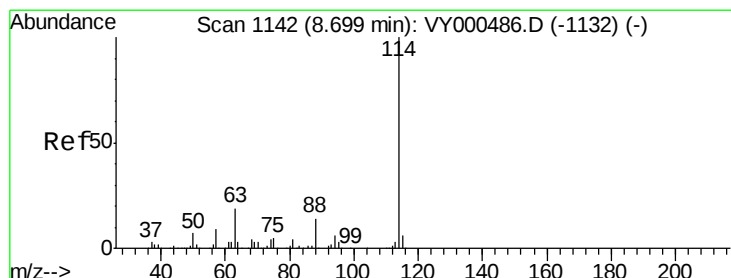
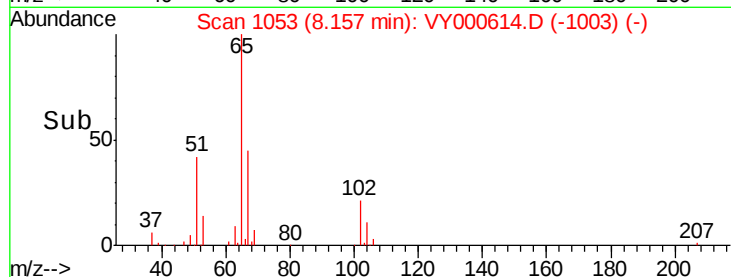
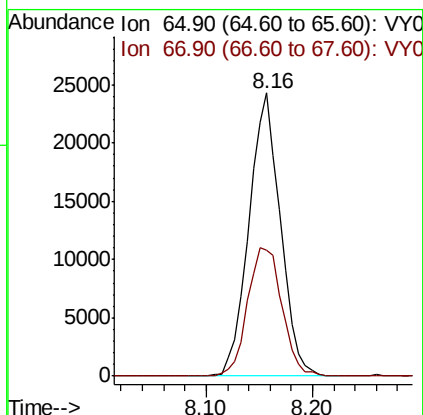
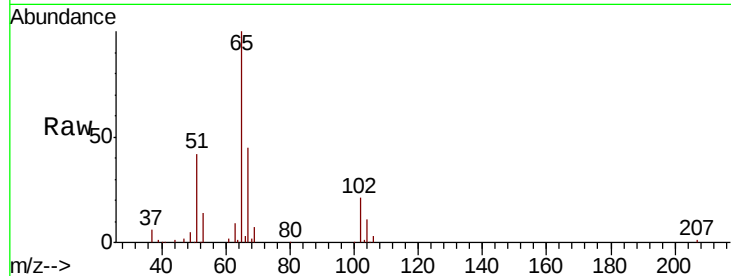




#33
 1,2-Dichloroethane-d4
 Concen: 47.546 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

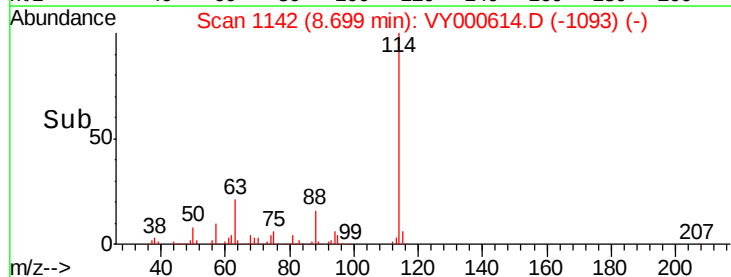
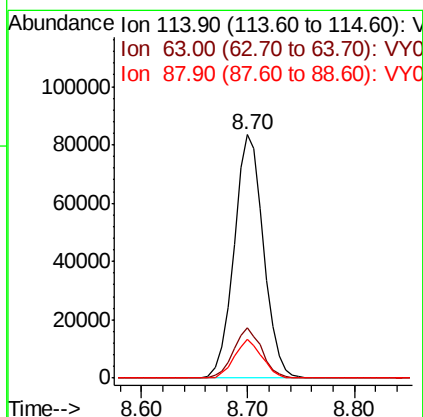
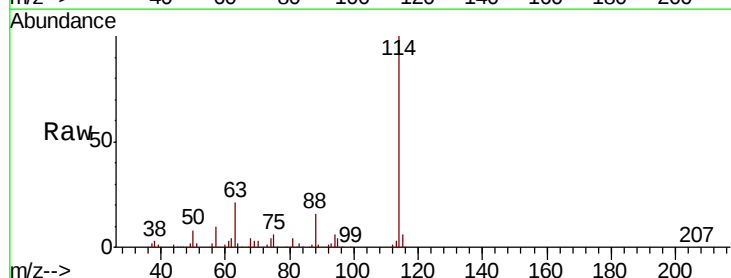
Instrument :
 MSVOA_Y
 ClientSampled :
 1-C

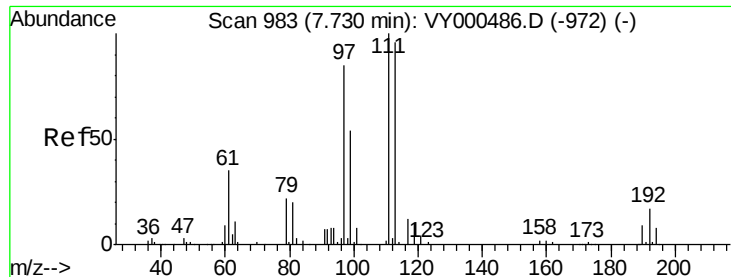
Tot Ion: 65 Resp: 50401
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

Tgt Ion: 114 Resp: 161656
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 16.1 0.0 28.6

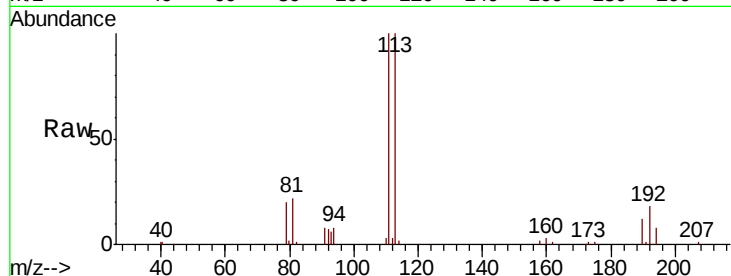




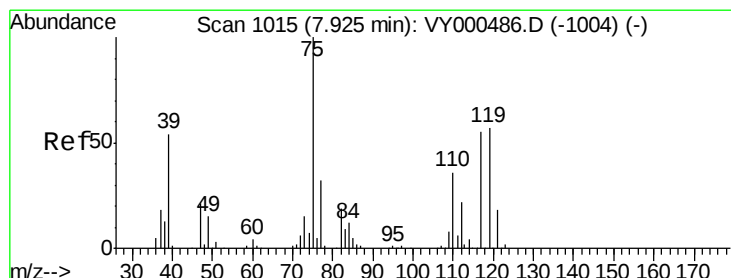
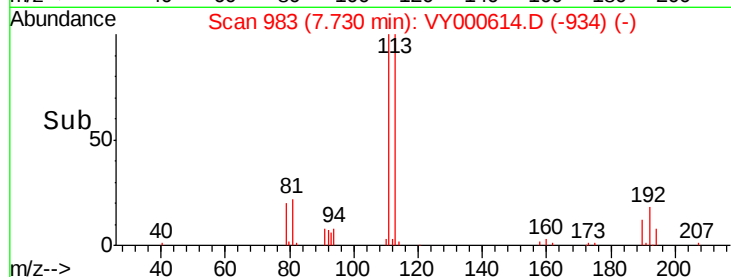
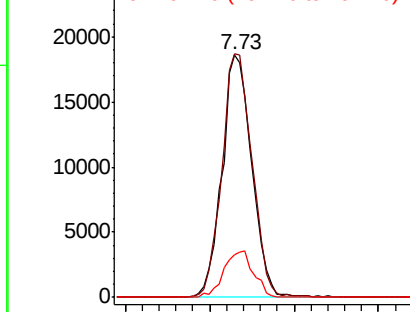
#35
 Dibromofluoromethane
 Concen: 47.301 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-C

Tot Ion:113 Resp: 44890
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 18.9 15.0 22.4

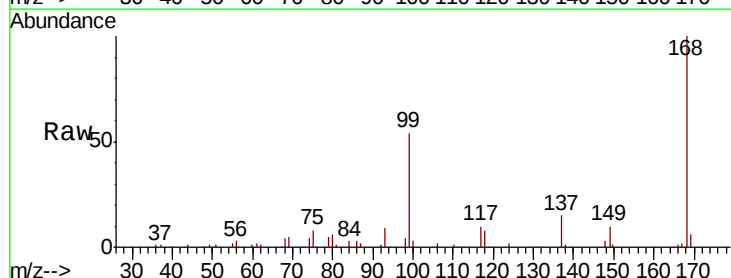


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

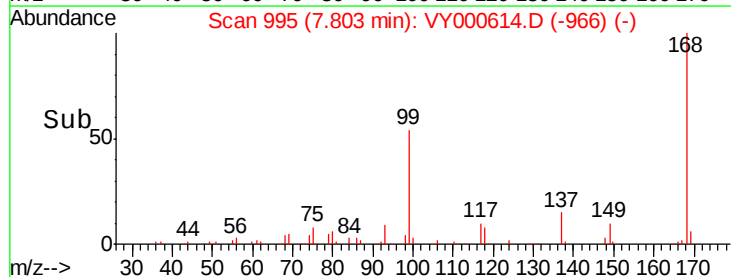
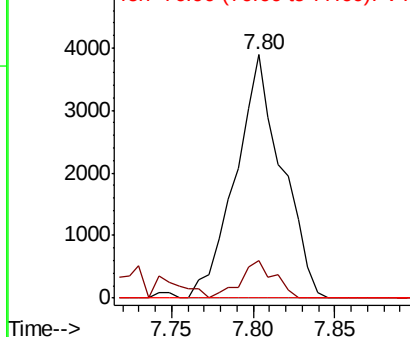


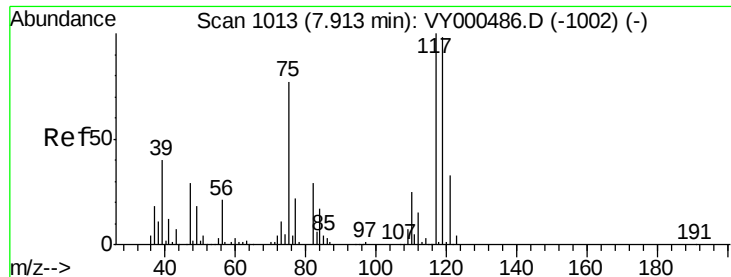
#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000614.D
 Acq: 08 Nov 2019 14:05

Tgt Ion: 75 Resp: 7683
 Ion Ratio Lower Upper
 75 100
 110 11.3 18.1 54.1#
 77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.931 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

1-C

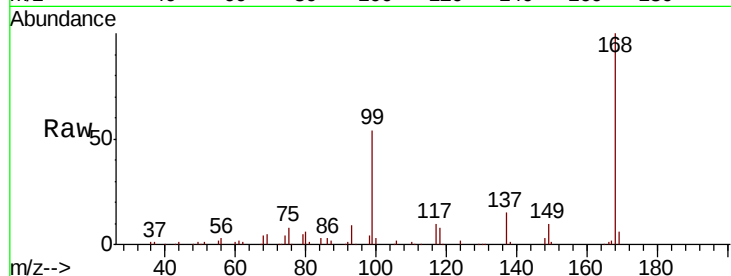
Tot Ion:117 Resp: 10192

Ion Ratio Lower Upper

117 100

119 4.4 78.0 117.0#

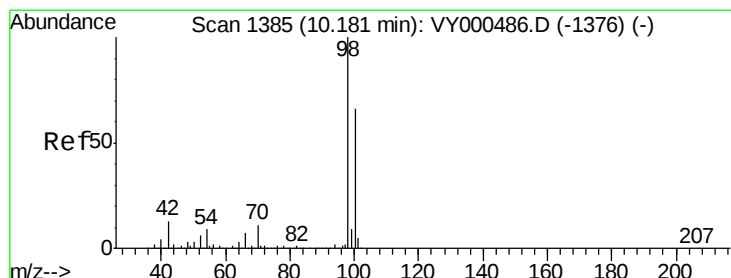
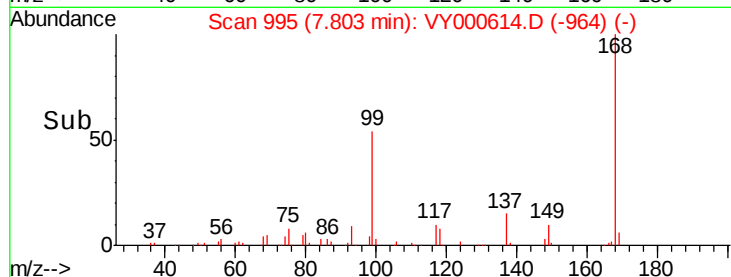
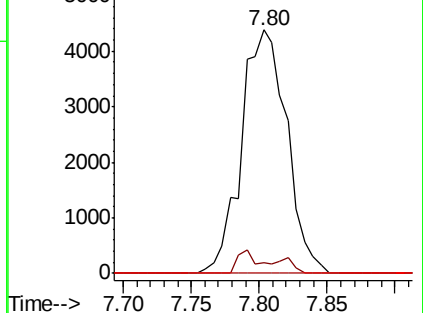
121 0.0 26.6 40.0#



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: 49.329 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000614.D

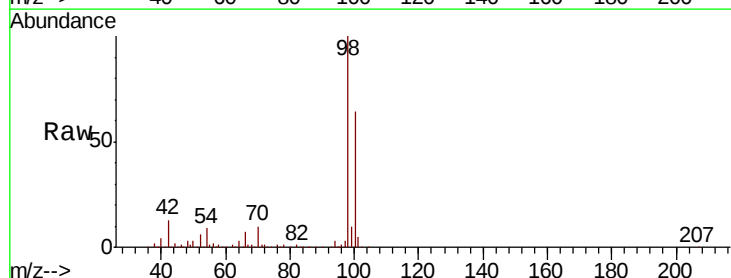
Acq: 08 Nov 2019 14:05

Tgt Ion: 98 Resp: 177636

Ion Ratio Lower Upper

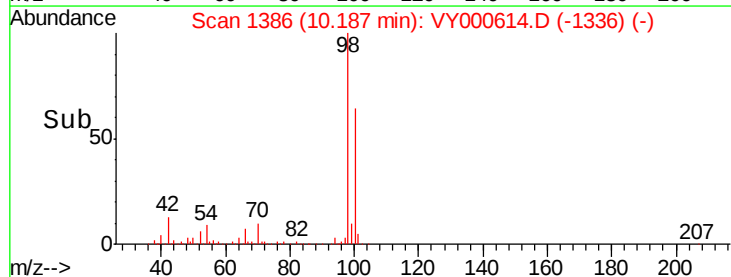
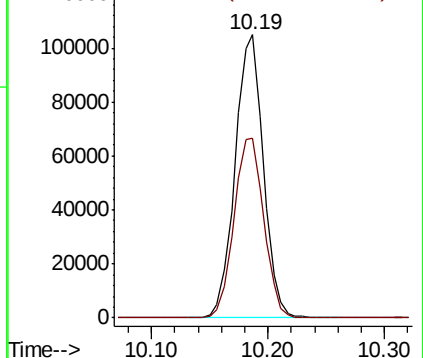
98 100

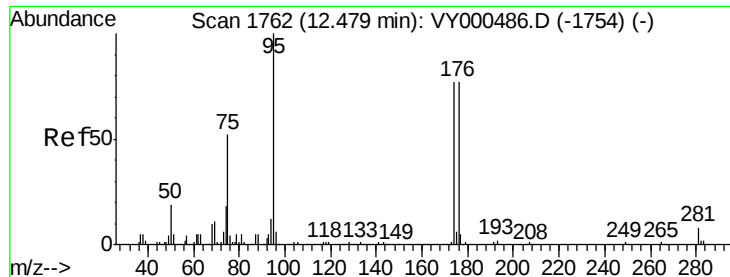
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

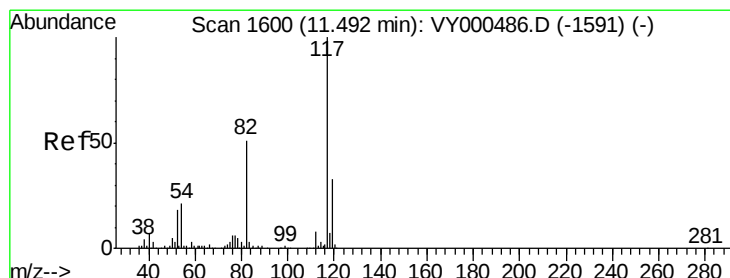
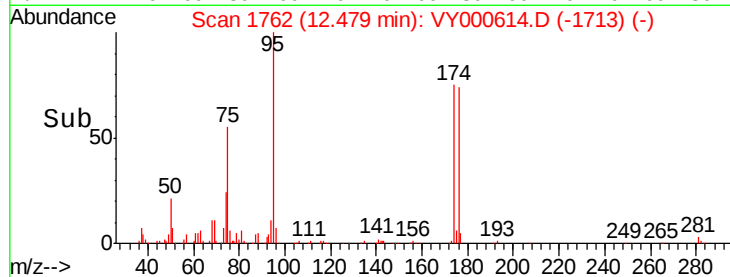
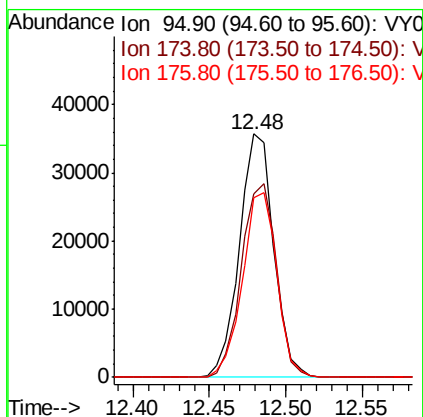
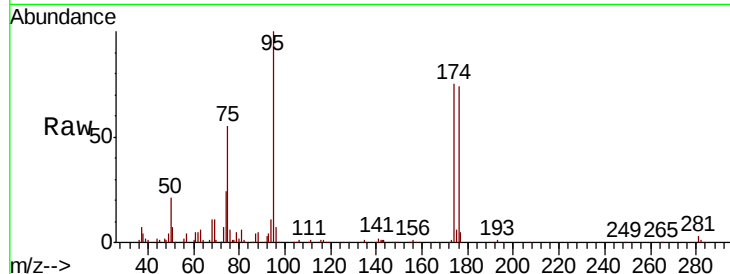




#62
4-Bromofluorobenzene
Concen: 40.488 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000614.D
Acq: 08 Nov 2019 14:05

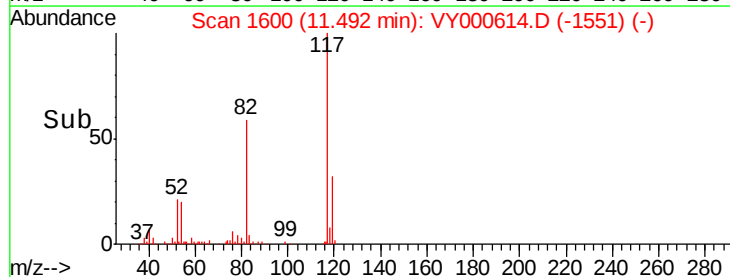
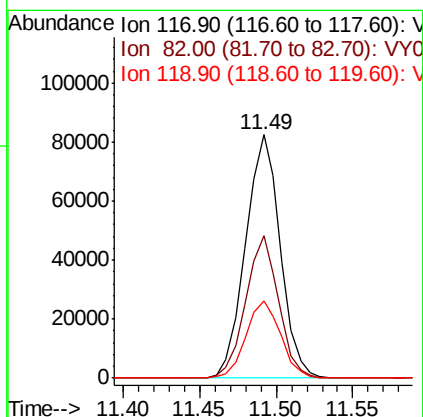
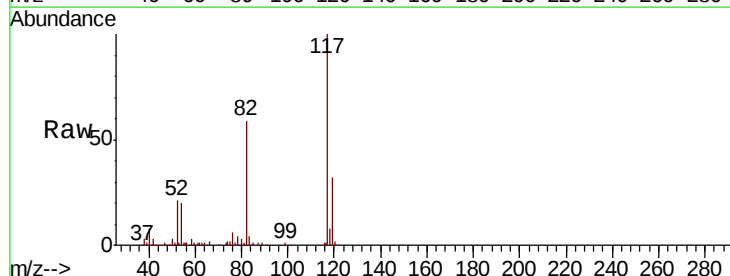
Instrument :
MSVOA_Y
ClientSampleId :
1-C

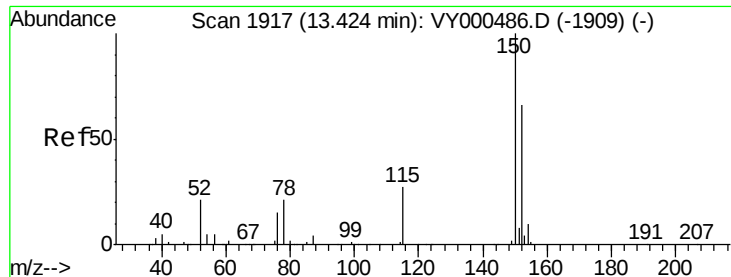
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	76.1	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000614.D
Acq: 08 Nov 2019 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	40.8	61.2
119	31.5	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

1-C

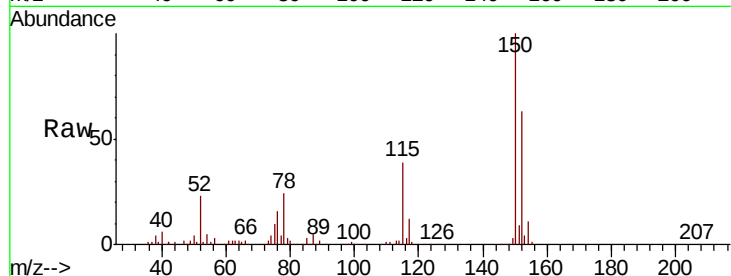
Tot Ion:152 Resp: 55374

Ion Ratio Lower Upper

152 100

115 60.1 29.1 87.4

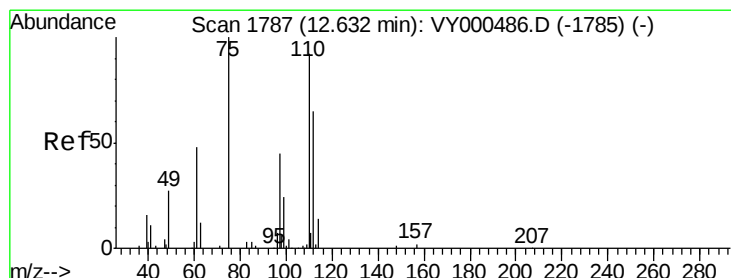
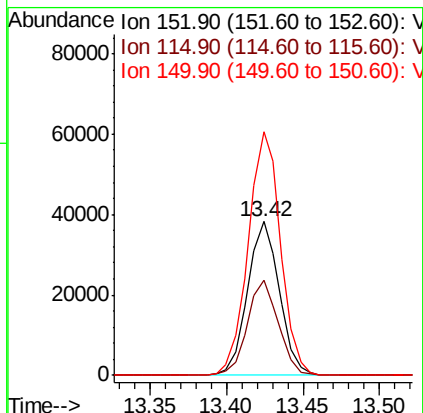
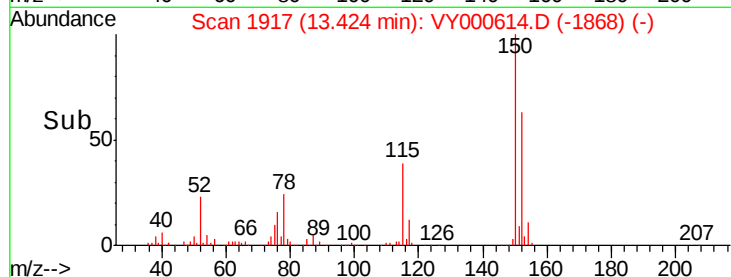
150 160.6 0.0 348.8



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: 47.433 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000614.D

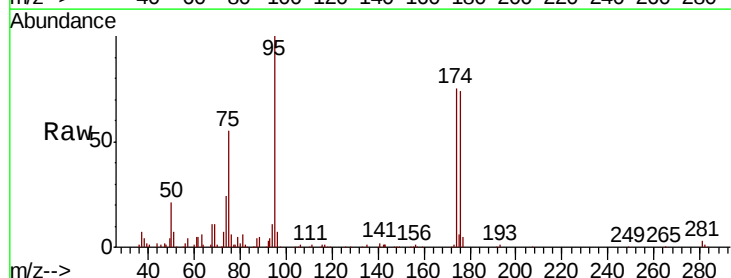
Acq: 08 Nov 2019 14:05

Tgt Ion: 75 Resp: 29907

Ion Ratio Lower Upper

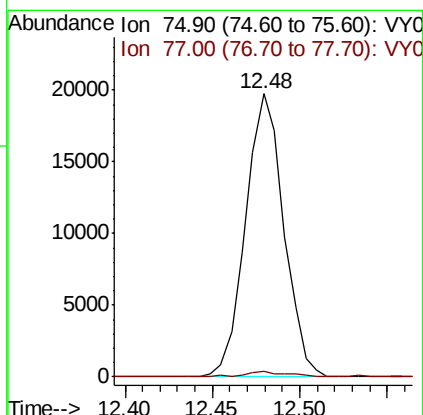
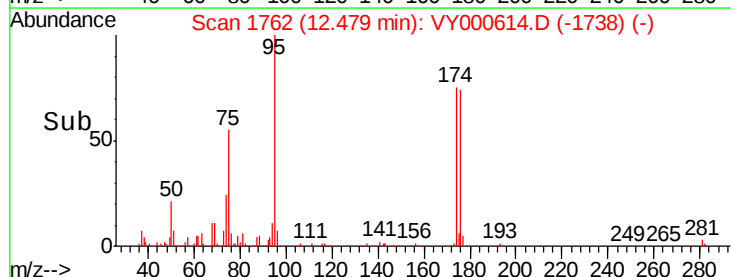
75 100

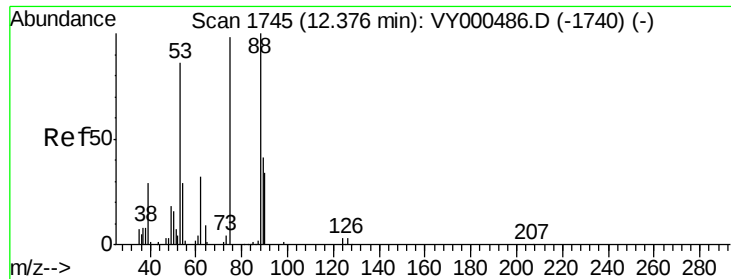
77 2.0 0.0 0.0#



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: 106.351 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000614.D

Acq: 08 Nov 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

1-C

Tot Ion: 75 Resp: 29907

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#

