

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000696.D
 Acq On : 15 Nov 2019 13:23
 Operator : SY/MD
 Sample : K5861-04
 Misc : 5.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:30:43 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

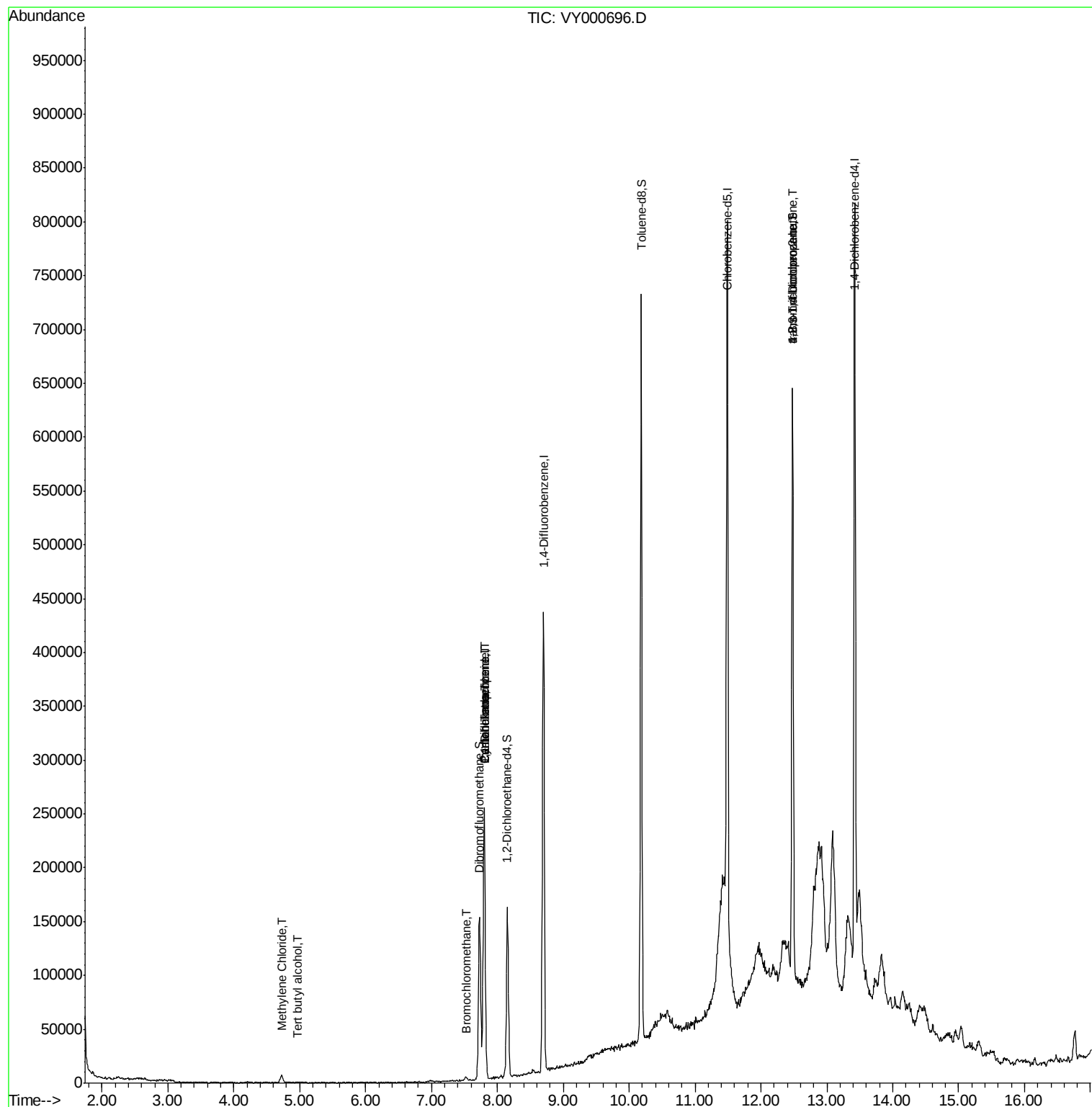
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	191197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117383	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.66%	
35) Dibromofluoromethane	7.73	113	102718	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.18	98	428182	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.48	95	160617	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	245	1.272	ug/l #	72
20) Methylene Chloride	4.72	84	4919	2.105	ug/l #	77
28) Bromochloromethane	7.54	49	194	4.199	ug/l #	14
31) Cyclohexane	7.80	56	4418	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15519	4.625	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19687	6.098	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87810	44.768	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87810	100.377	ug/l #	13

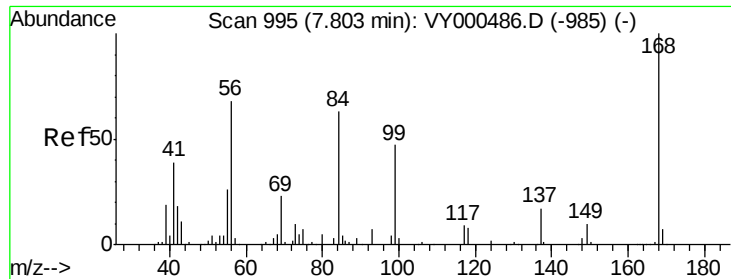
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Nov 16 02:30:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 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: VY000696.D

Acq: 15 Nov 2019 13:23

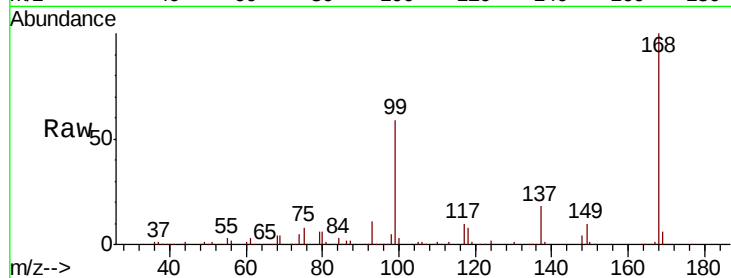
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 191197

Ion Ratio Lower Upper

168 100

99 59.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

80000

60000

40000

20000

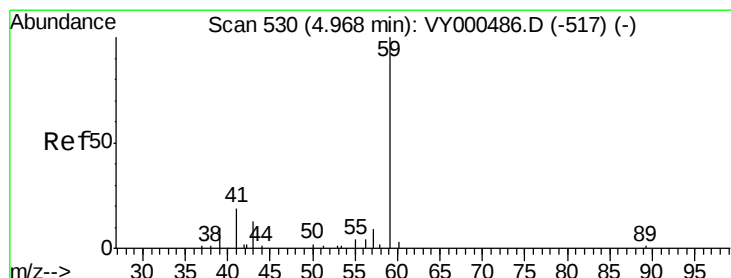
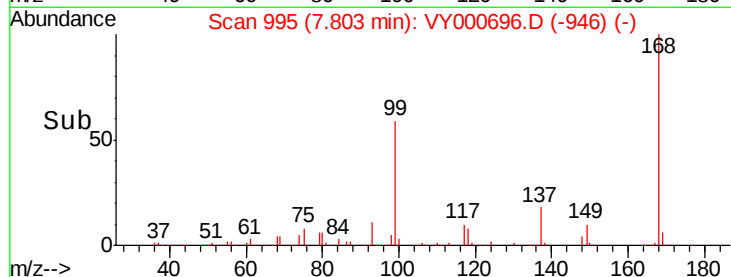
0

Time-->

7.70

7.80

7.90



#11

Tert butyl alcohol

Concen: 1.272 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY000696.D

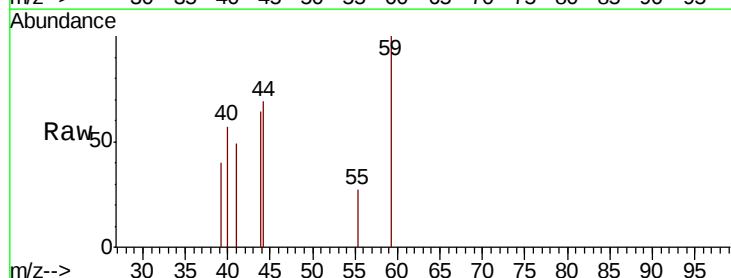
Acq: 15 Nov 2019 13:23

Tgt Ion: 59 Resp: 245

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY000486.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY000486.D (-517) (-)

4.97

200

150

100

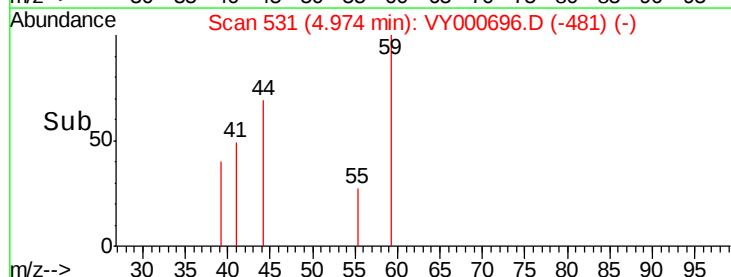
50

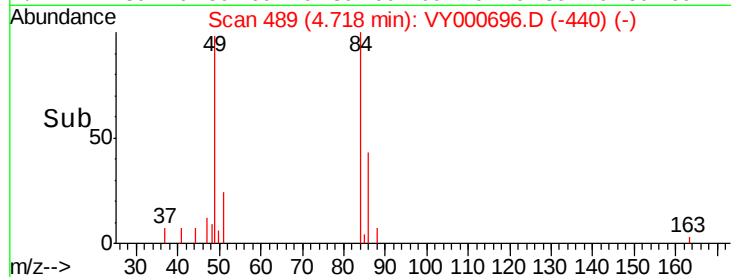
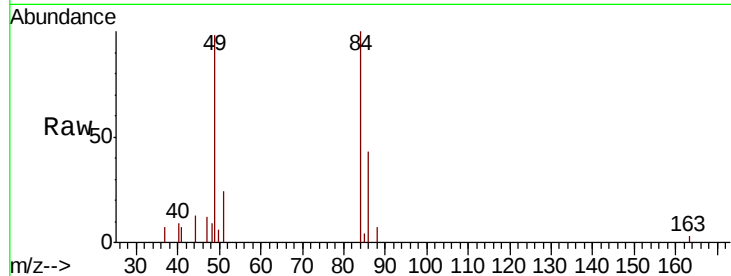
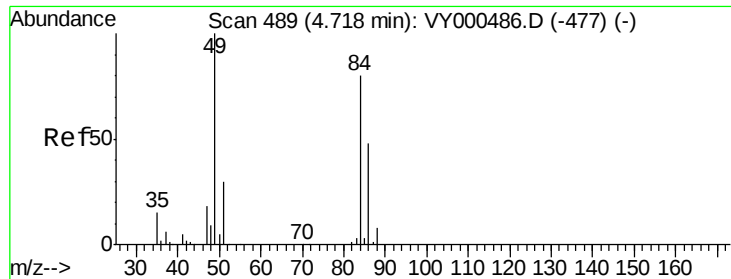
0

Time-->

4.96

4.98

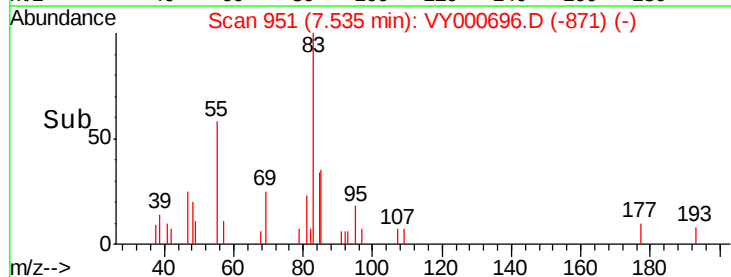
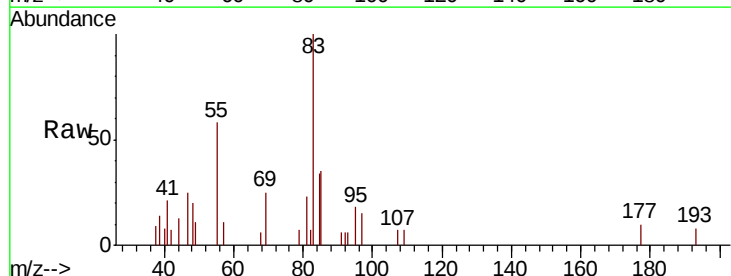
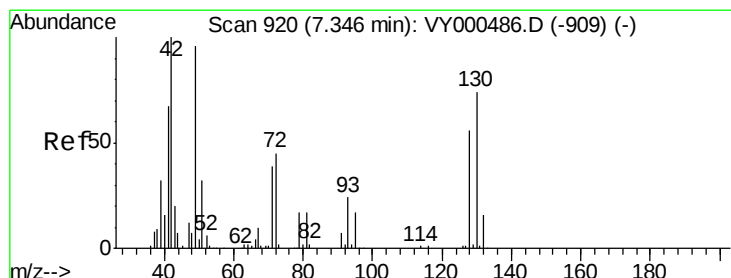
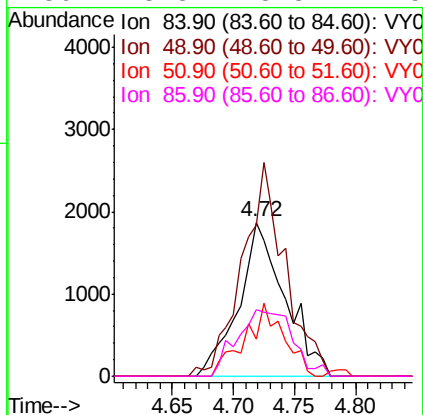




#20
Methvlene Chloride
Concen: 2.105 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

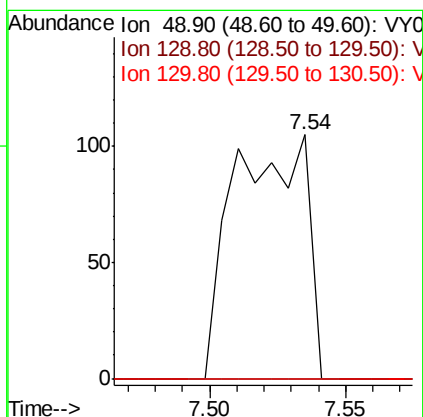
Instrument :
MSVOA_Y
ClientSampleId :

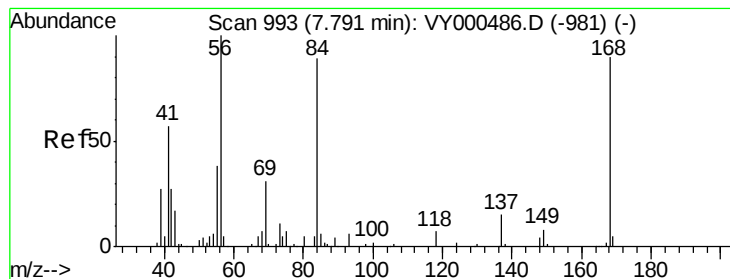
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	97.8	100.2	150.4#	
51	24.4	29.6	44.4#	
86	43.3	48.3	72.5#	



#28
Bromochloromethane
Concen: 4.199 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.19 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
49	100			
129	0.0	0.0	3.6	
130	0.0	59.4	89.0#	





#31

Cyclohexane

Concen: 1.154 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Instrument :

MSVOA_Y

ClientSampleId :

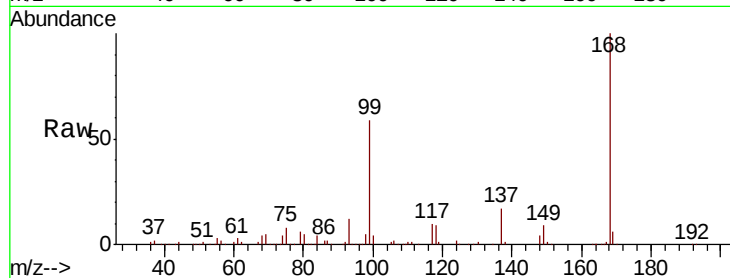
Tot Ion: 56 Resp: 4418

Ion Ratio Lower Upper

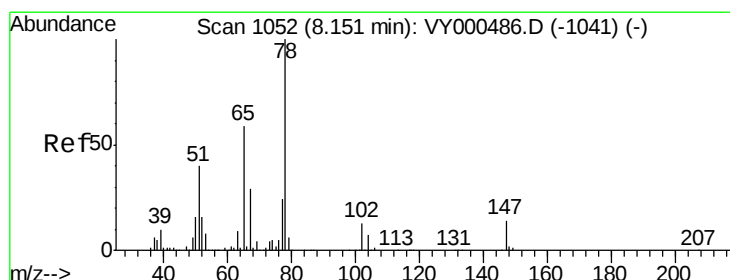
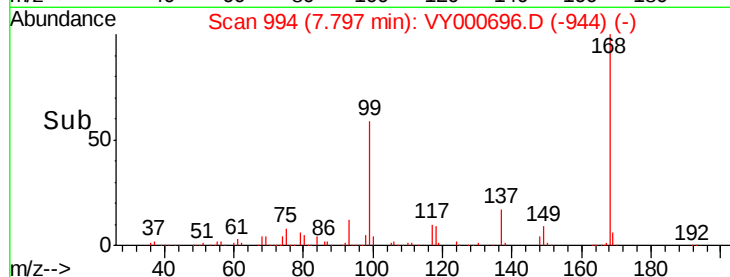
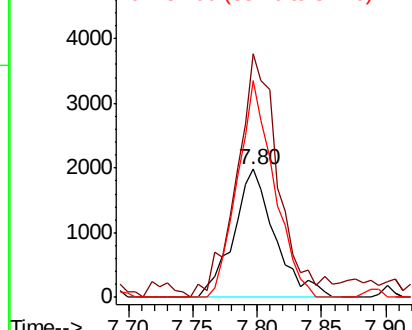
56 100

69 190.5 25.0 37.6#

84 169.9 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: 59.325 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000696.D

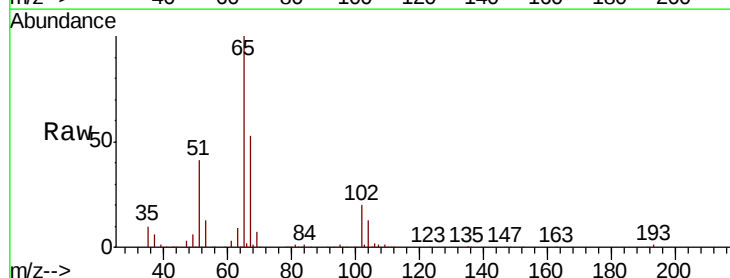
Acq: 15 Nov 2019 13:23

Tgt Ion: 65 Resp: 117383

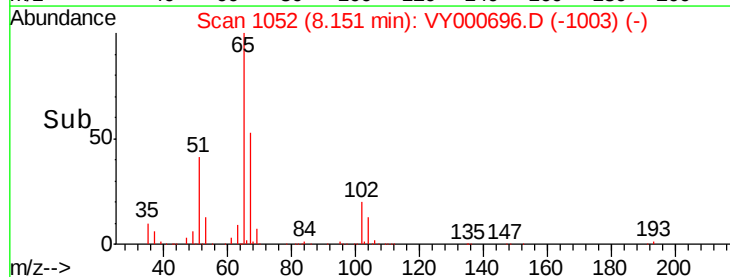
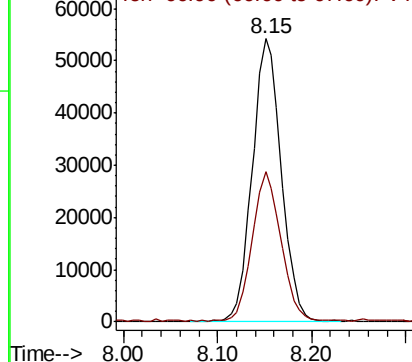
Ion Ratio Lower Upper

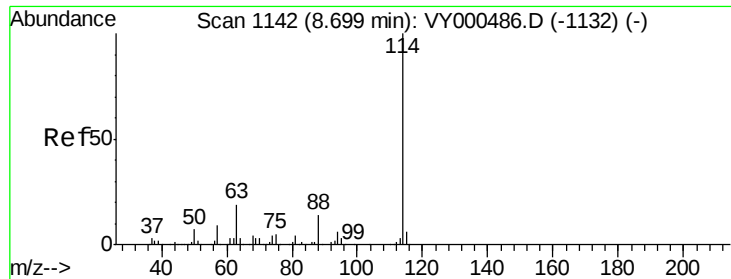
65 100

67 53.1 0.0 107.2



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

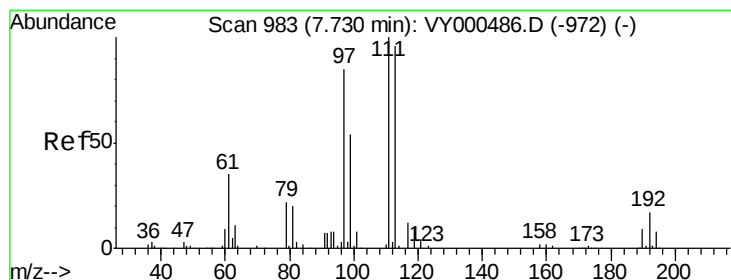
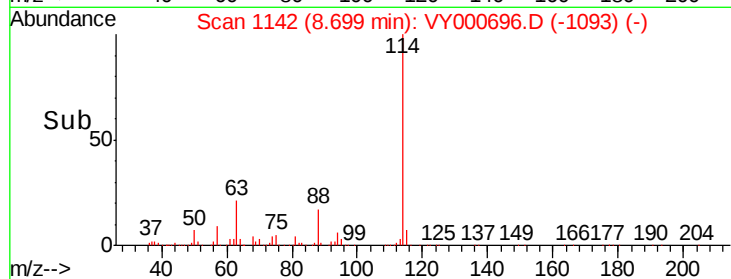
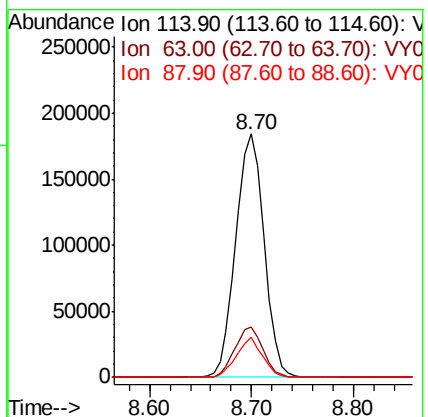
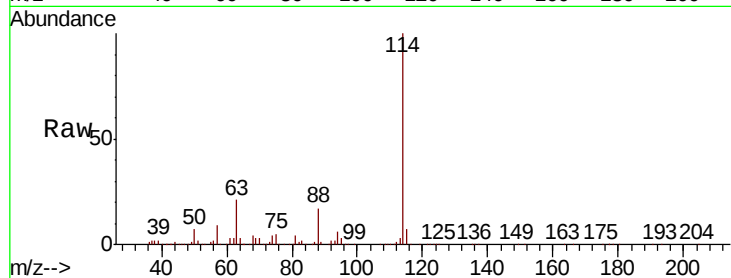




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000696.D
 Acq: 15 Nov 2019 13:23

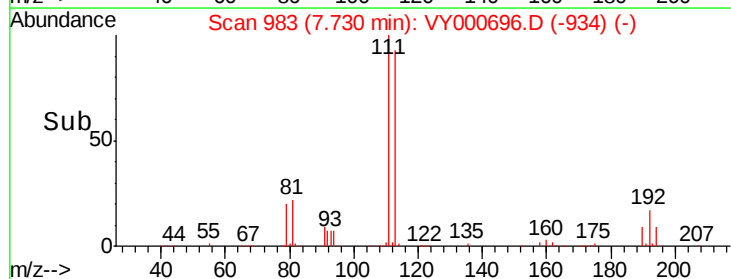
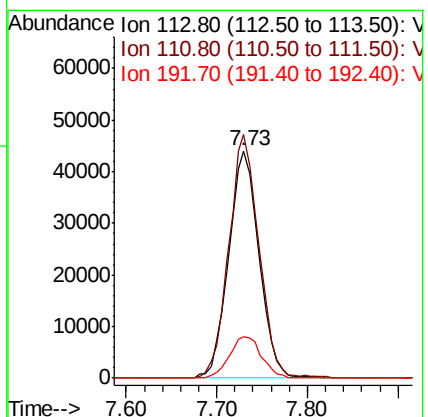
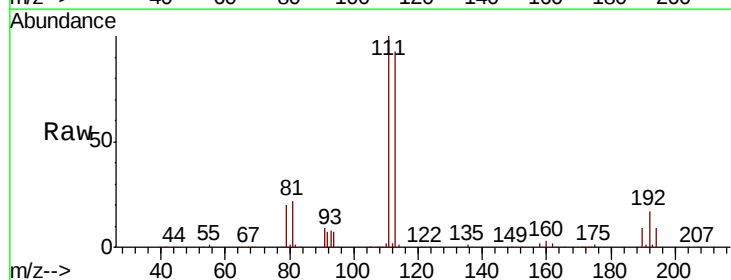
Instrument :
 MSVOA_Y
 ClientSampleId :

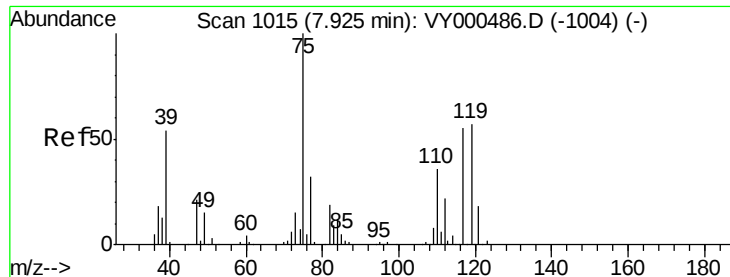
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.0
88	16.6	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 49.300 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000696.D
 Acq: 15 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.7	122.5
192	19.2	15.0	22.4





#36

1,1-Dichloropropene

Concen: 4.625 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Instrument :

MSVOA_Y

ClientSampleId :

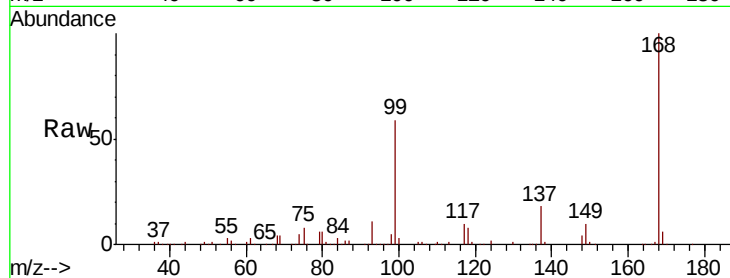
Tot Ion: 75 Resp: 15519

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

77 0.9 25.0 37.6#

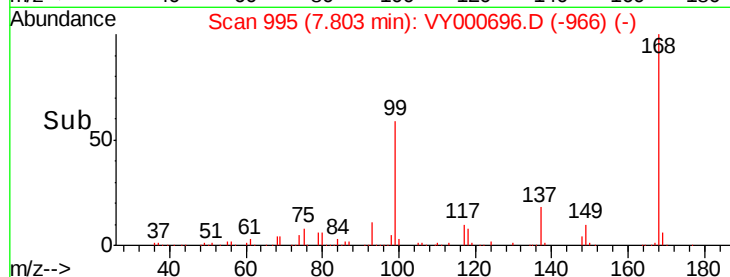


Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1004) (-)

Ion 109.90 (109.60 to 110.60): VY000486.D (-1004) (-)

Ion 76.90 (76.60 to 77.60): VY000486.D (-1004) (-)

Time-->

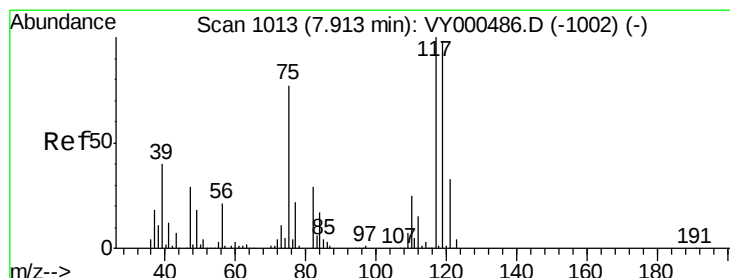


Abundance Ion 74.90 (74.60 to 75.60): VY000696.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY000696.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY000696.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.098 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

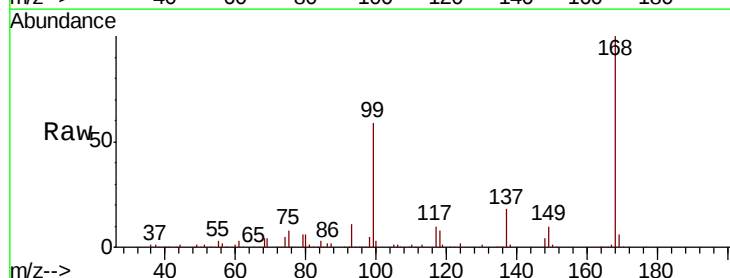
Tgt Ion: 117 Resp: 19687

Ion Ratio Lower Upper

117 100

119 7.0 78.0 117.0#

121 1.6 26.6 40.0#

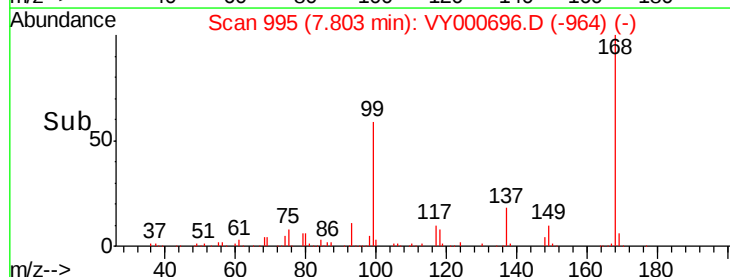


Abundance Ion 116.80 (116.50 to 117.50): VY000486.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000486.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000486.D (-1002) (-)

Time-->

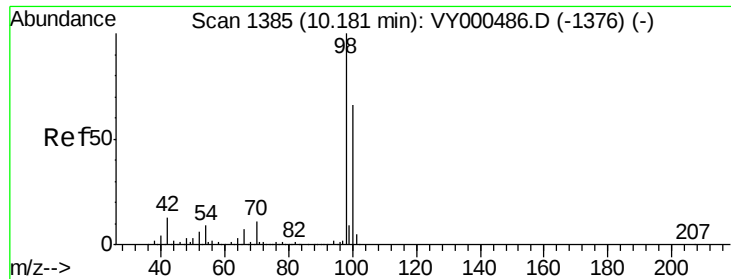


Abundance Ion 116.80 (116.50 to 117.50): VY000696.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000696.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000696.D (-964) (-)

Time-->



#50

Toluene-d8

Concen: 54.160 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Instrument :

MSVOA_Y

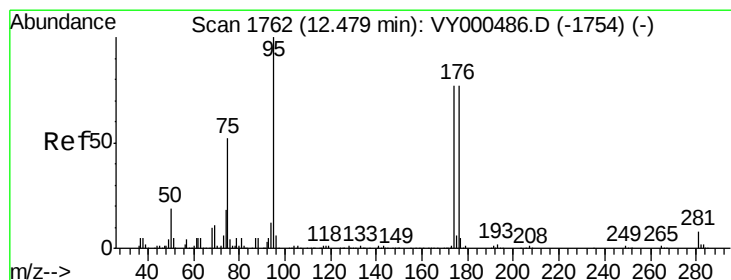
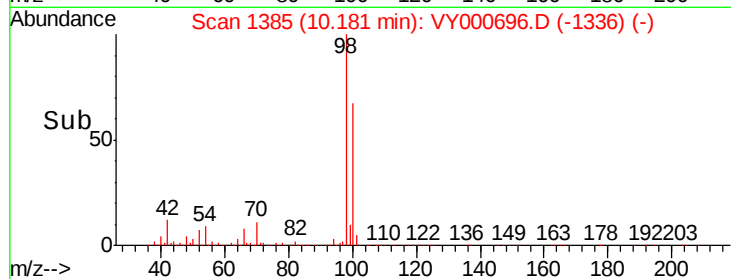
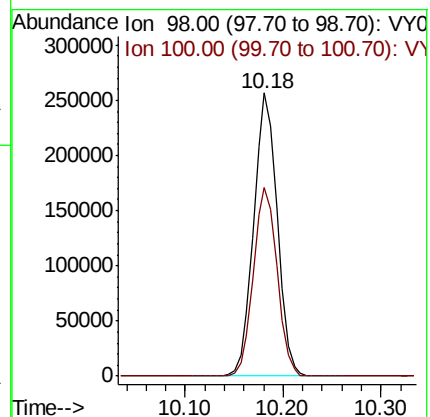
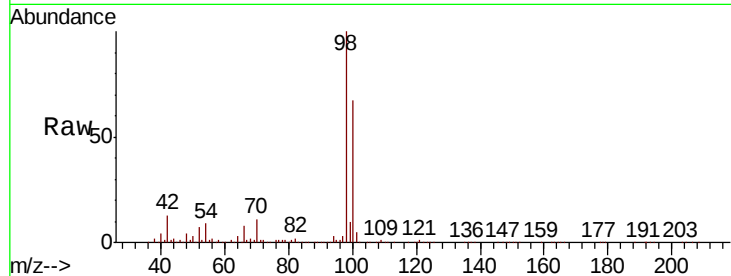
ClientSampleId :

Tot Ion: 98 Resp: 428182

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 53.366 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

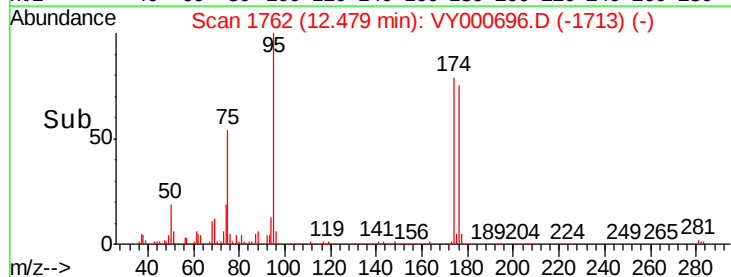
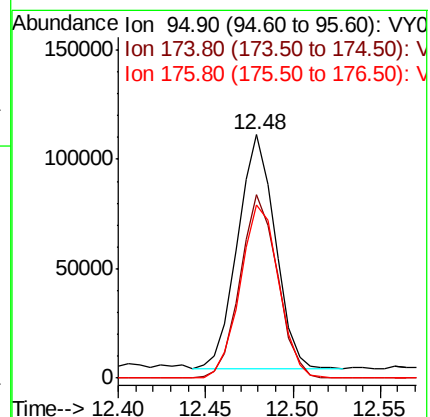
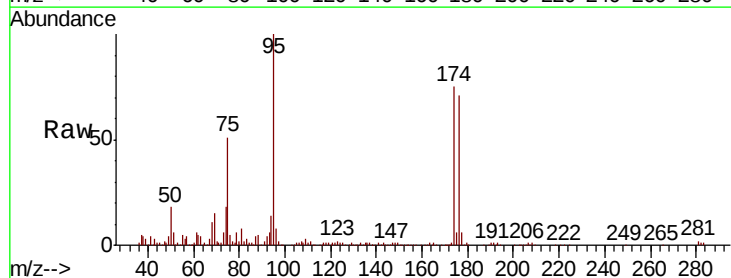
Tgt Ion: 95 Resp: 160617

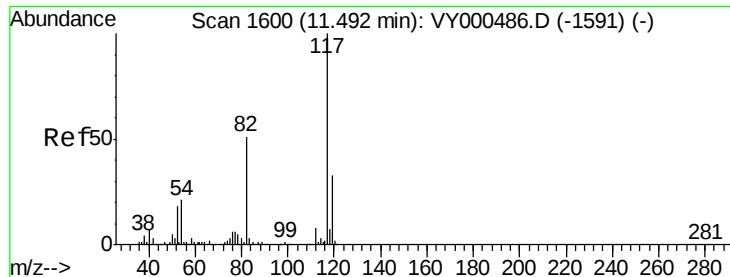
Ion Ratio Lower Upper

95 100

174 77.7 0.0 161.6

176 75.5 0.0 157.8

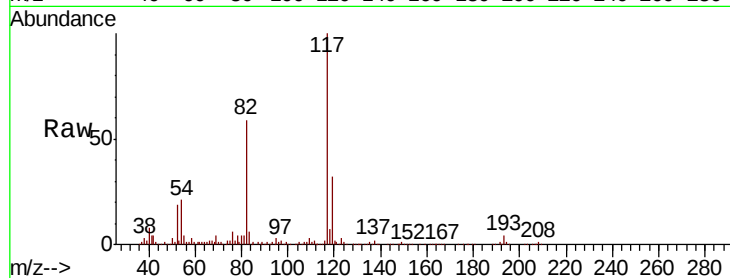




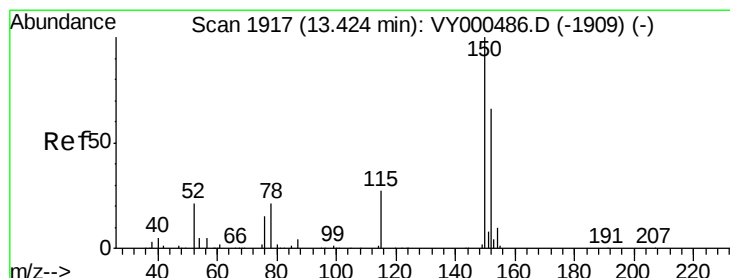
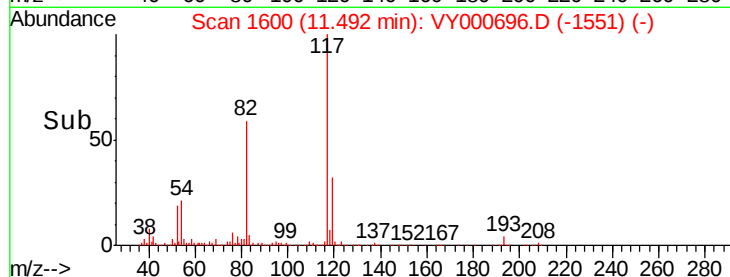
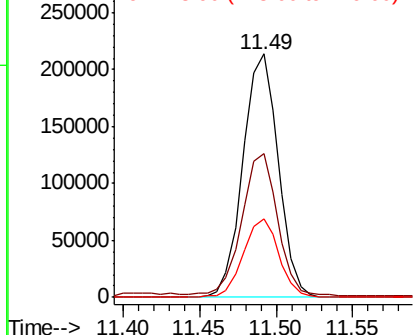
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 343483
Ion Ratio Lower Upper
117 100
82 58.5 40.8 61.2
119 31.9 26.2 39.2

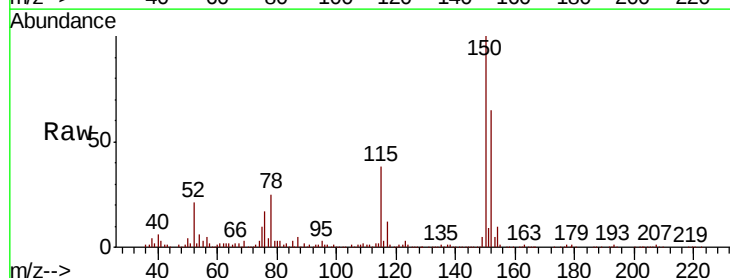


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

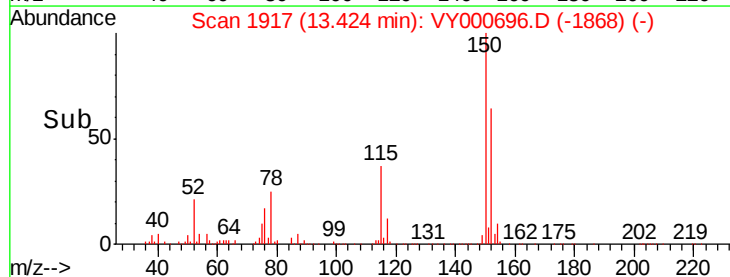
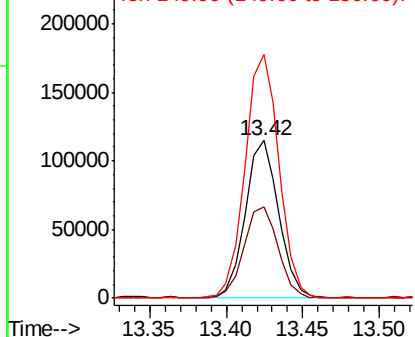


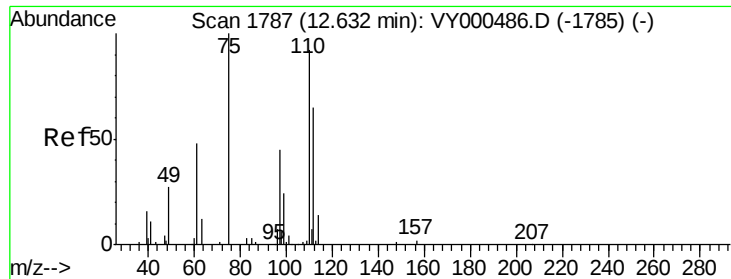
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

Tgt Ion:152 Resp: 172261
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 157.3 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: 44.768 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Instrument :

MSVOA_Y

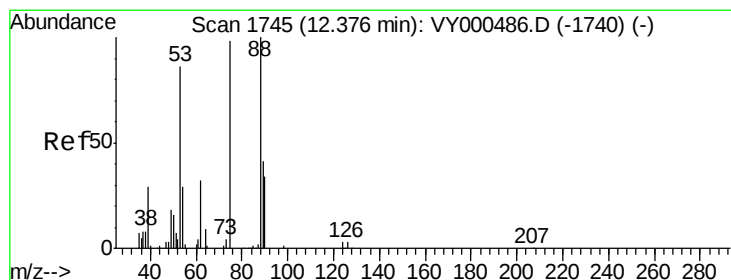
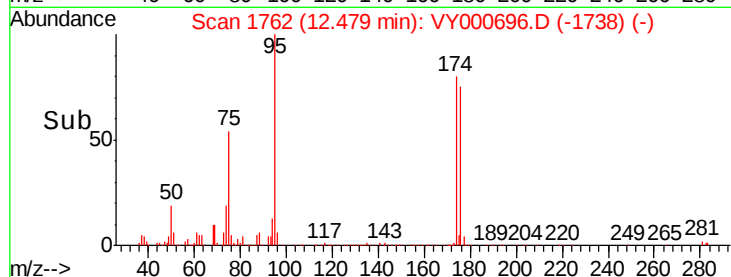
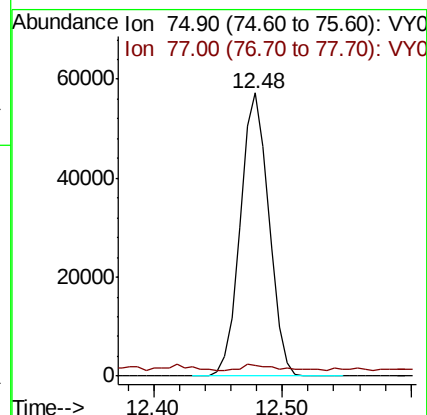
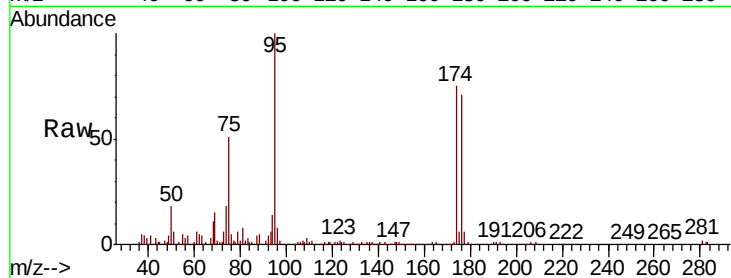
ClientSampleId :

Tot Ion: 75 Resp: 87810

Ion Ratio Lower Upper

75 100

77 2.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 100.377 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Tgt Ion: 75 Resp: 87810

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.3 35.9 53.9#

