

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000821.D
 Acq On : 27 Nov 2019 16:02
 Operator : SY/MD
 Sample : K6069-02
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 22:09:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

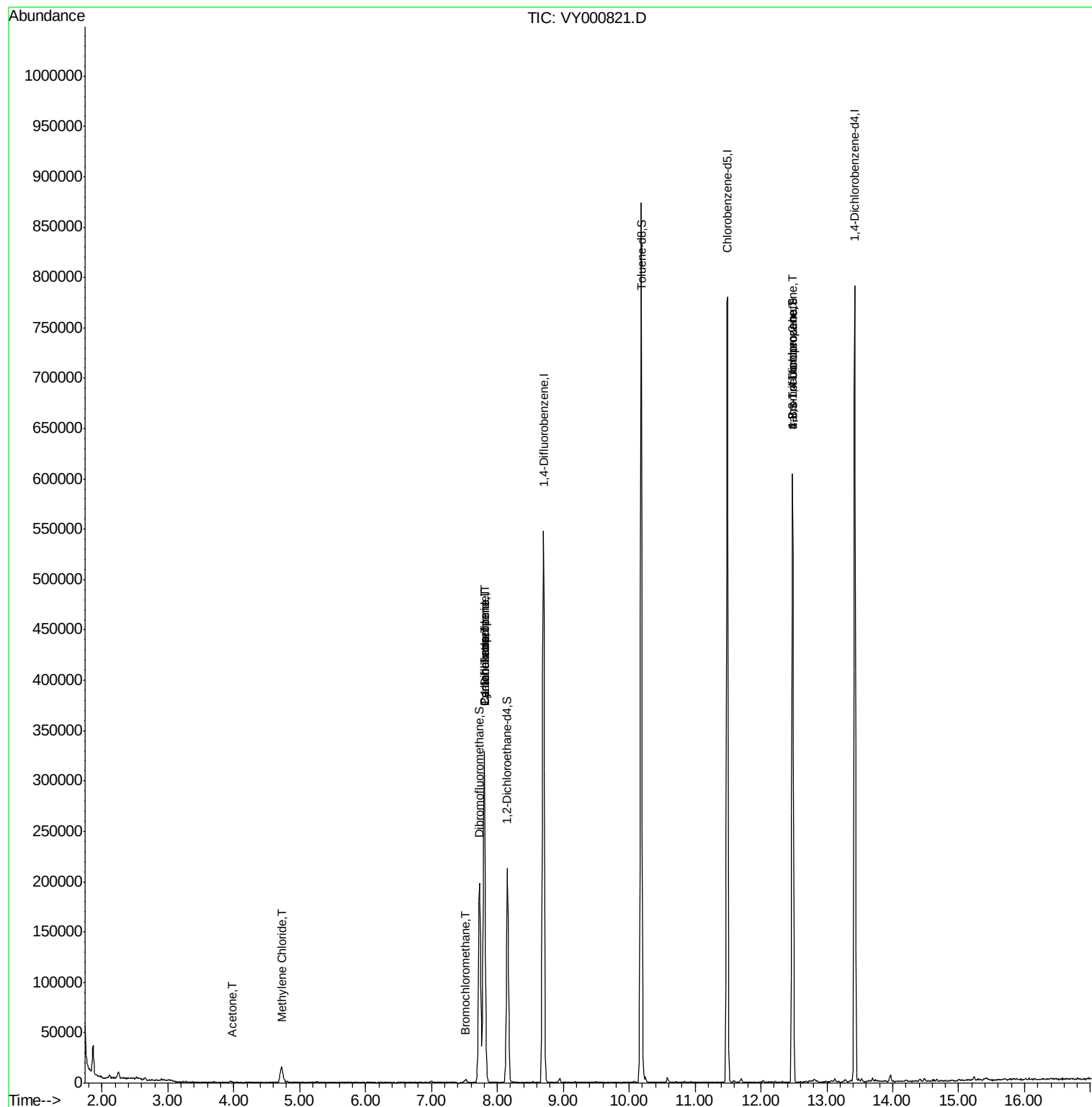
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	467054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	414565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	157130	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
35) Dibromofluoromethane	7.73	113	138959	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.18	98	561852	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.48	95	186048	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
5) Bromomethane	2.66	94	151	Below Cal		98
16) Acetone	3.97	43	1940	3.229 ug/l #		83
20) Methylene Chloride	4.72	84	11197	3.536 ug/l		87
28) Bromochloromethane	7.50	49	191	2.111 ug/l #		15
31) Cyclohexane	7.80	56	5576	1.003 ug/l #		1
36) 1,1-Dichloropropene	7.80	75	19457	4.190 ug/l #		51
38) Carbon Tetrachloride	7.80	117	24317	5.880 ug/l #		14
76) 1,2,3-Trichloropropane	12.48	75	96355	45.849 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	96355	90.061 ug/l #		17

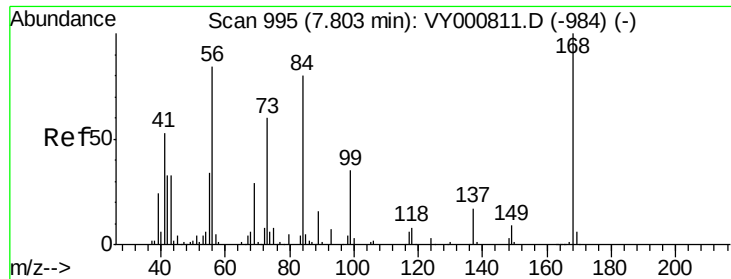
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
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Misc : 7.12G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 28 22:09:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 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: VY000821.D

Acq: 27 Nov 2019 16:02

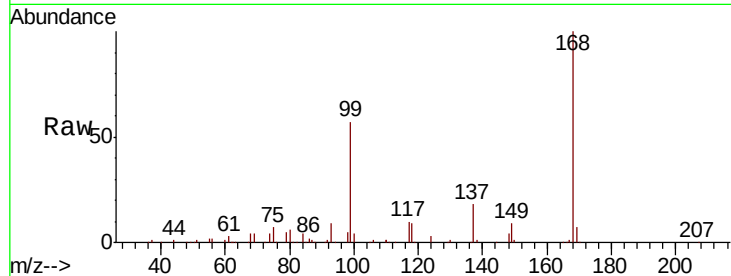
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 246451

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000821.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000821.D (-984) (-)

7.80

120000

100000

80000

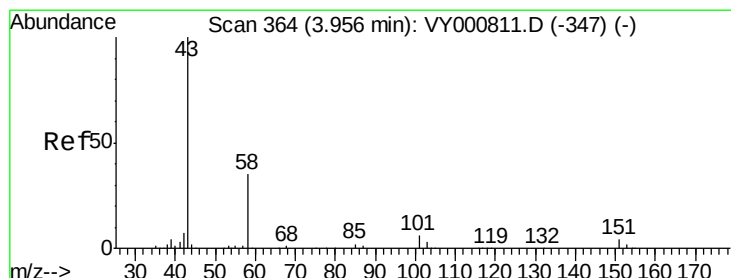
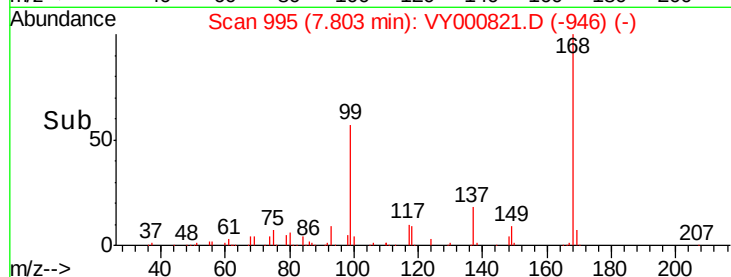
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.229 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000821.D

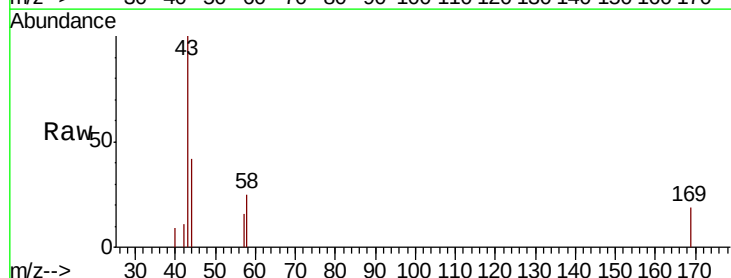
Acq: 27 Nov 2019 16:02

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 25.0 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000821.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000821.D (-347) (-)

3.97

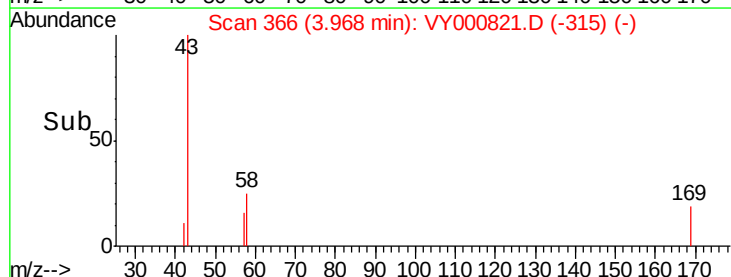
600

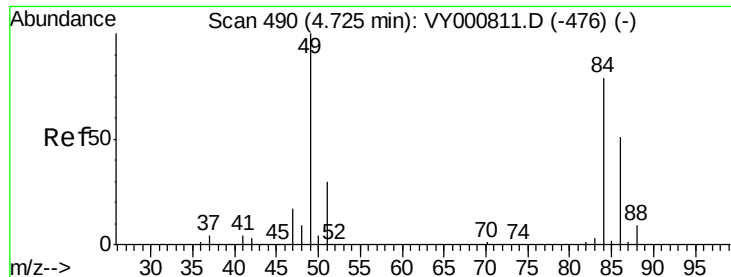
400

200

0

Time-->

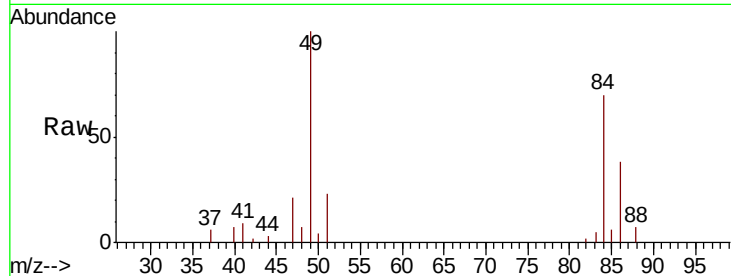




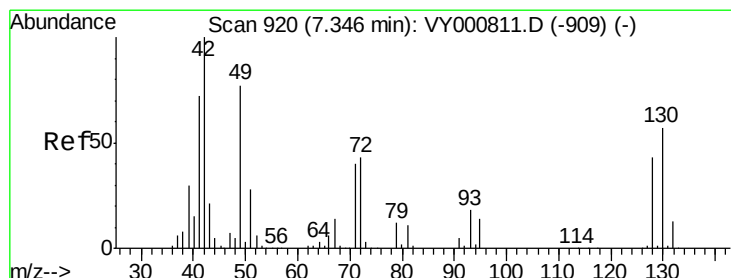
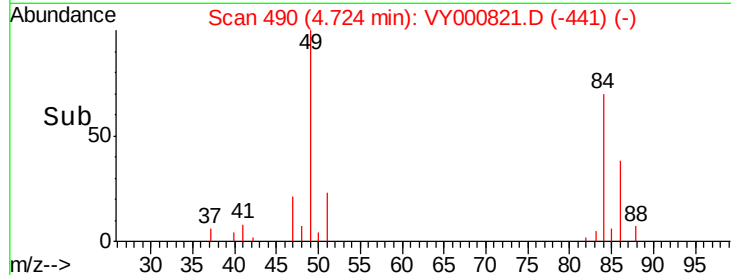
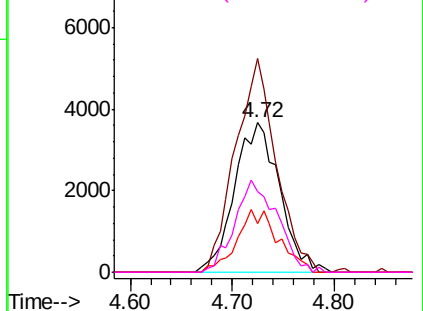
#20
Methvlene Chloride
Concen: 3.536 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	11197
Ion	Ratio	Lower	Upper
84	100		
49	143.0	101.3	151.9
51	32.7	30.6	45.8
86	54.3	51.3	76.9

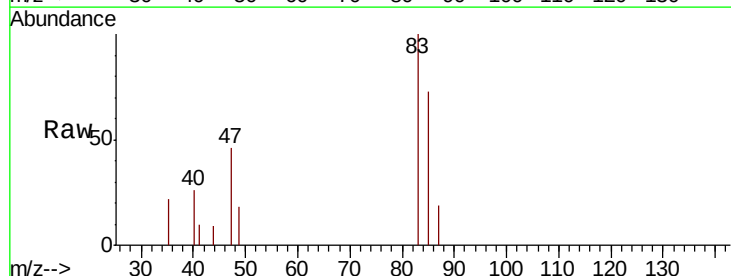


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

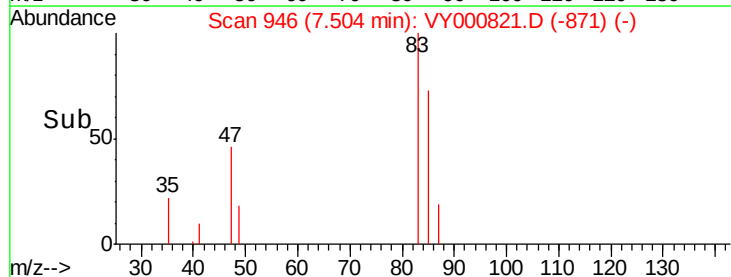
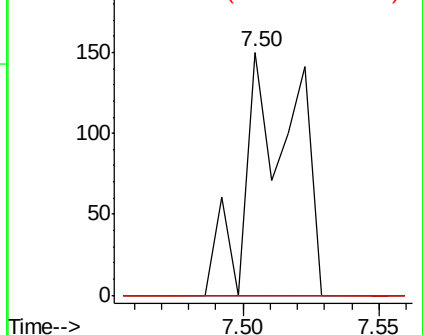


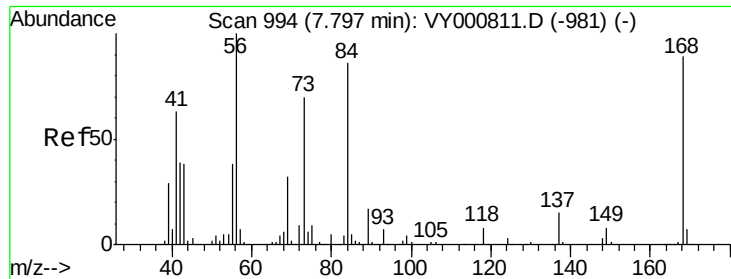
#28
Bromochloromethane
Concen: 2.111 ug/l
RT: 7.50 min Scan# 946
Delta R.T. 0.16 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Tgt Ion:	49	Resp:	191
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

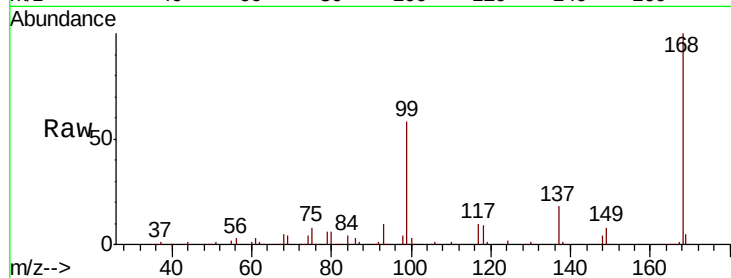




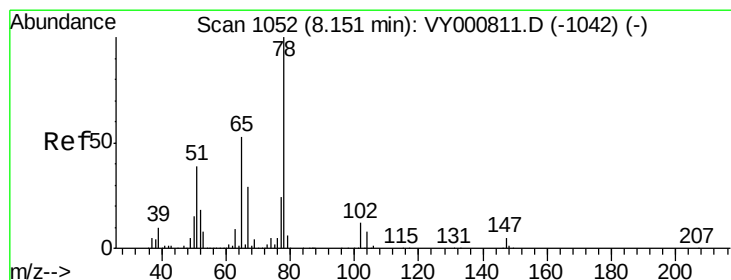
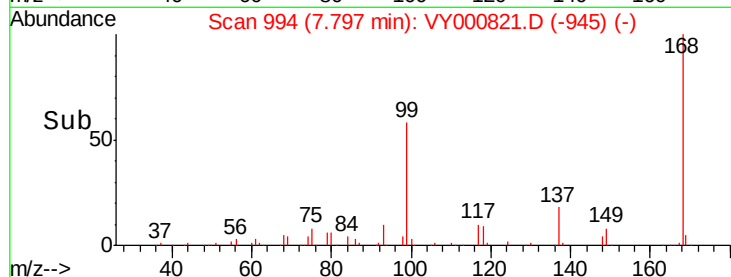
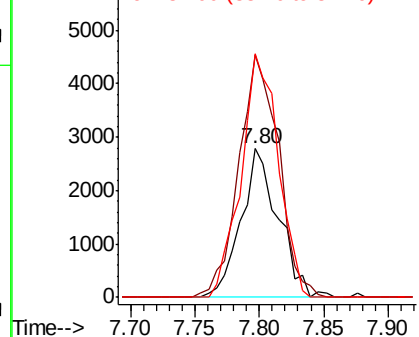
#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5576
Ion Ratio Lower Upper
56 100
69 163.7 25.9 38.9#
84 164.1 68.6 102.8#

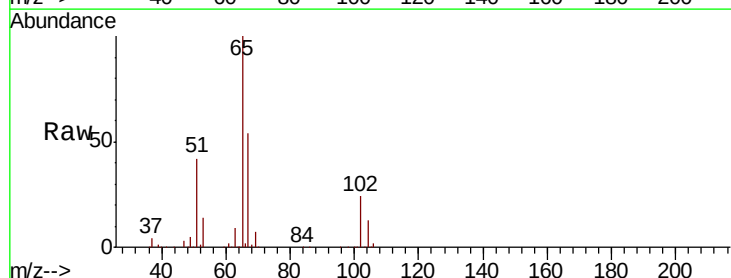


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

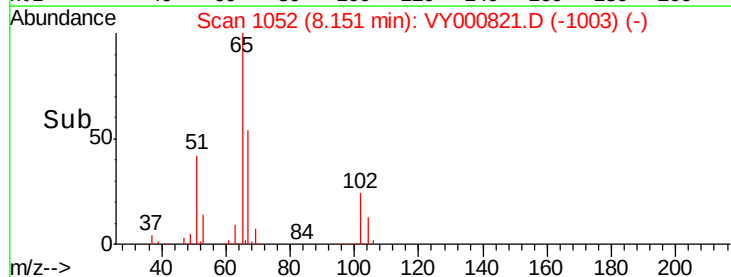
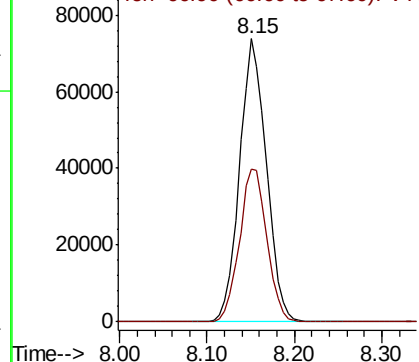


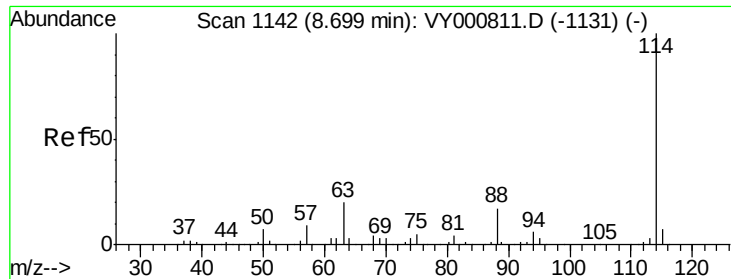
#33
1,2-Dichloroethane-d4
Concen: 60.002 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Tgt Ion: 65 Resp: 157130
Ion Ratio Lower Upper
65 100
67 55.3 0.0 112.0



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

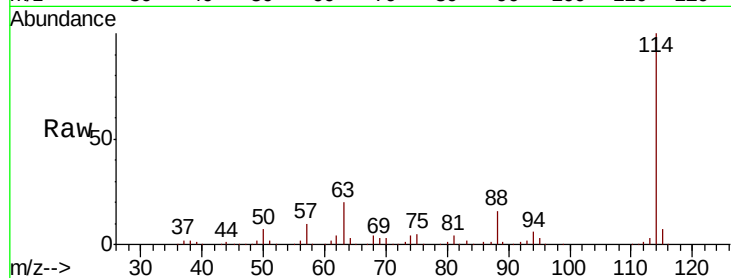




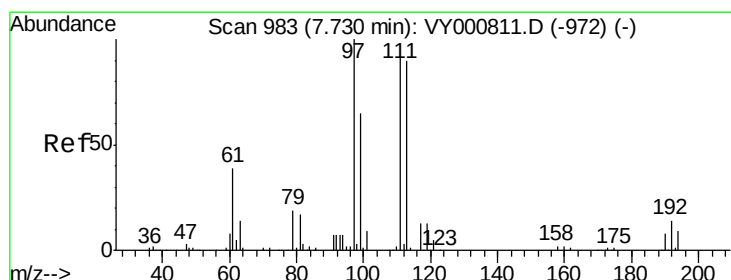
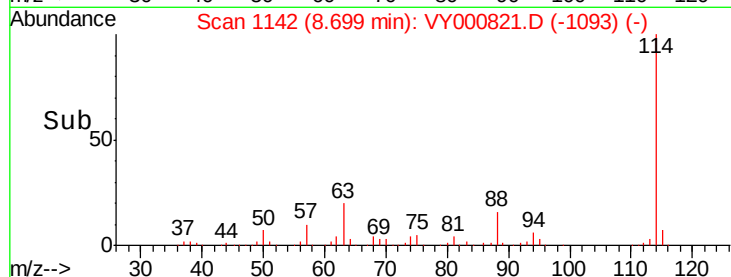
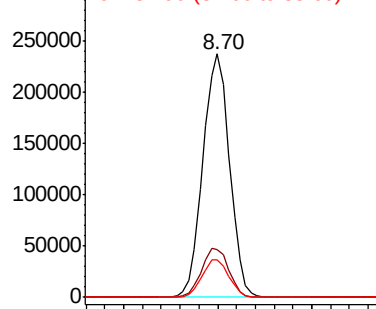
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000821.D
 Acq: 27 Nov 2019 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 467054
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 33.2

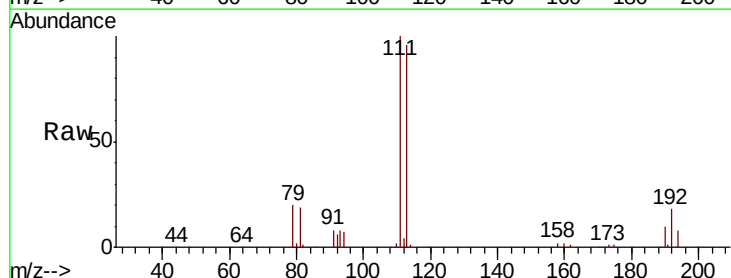


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

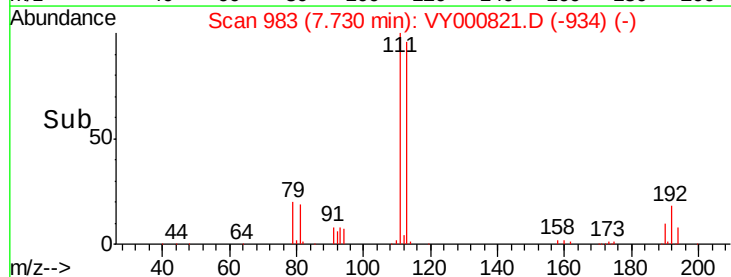
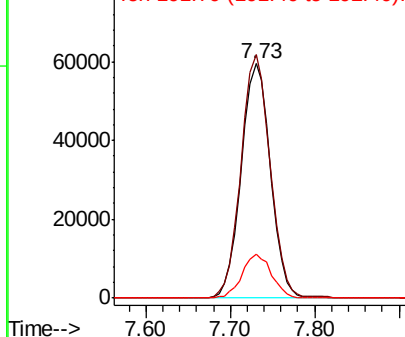


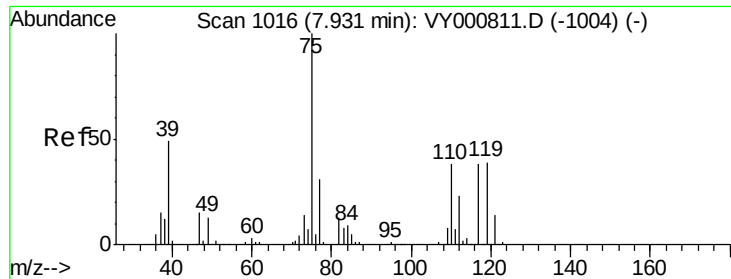
#35
 Dibromofluoromethane
 Concen: 51.051 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000821.D
 Acq: 27 Nov 2019 16:02

Tgt Ion:113 Resp: 138959
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 18.7 14.2 21.2



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: 4.190 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

Instrument :

MSVOA_Y

ClientSampleId :

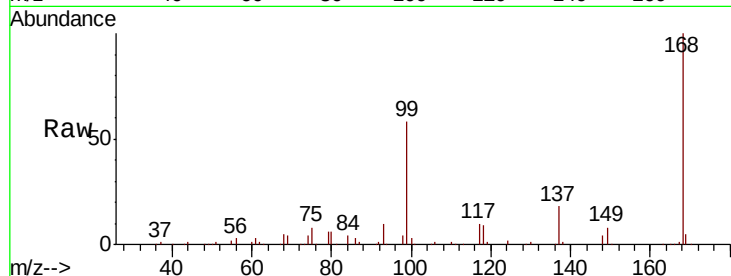
Tot Ion: 75 Resp: 19457

Ion Ratio Lower Upper

75 100

110 10.2 17.9 53.7#

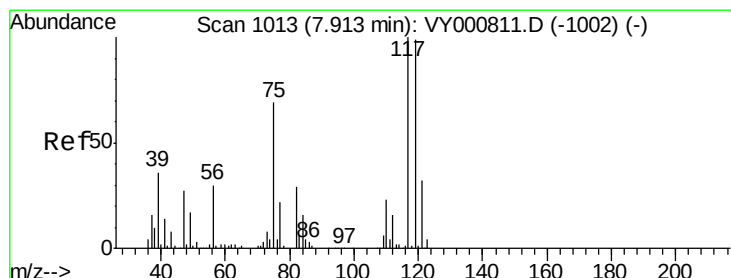
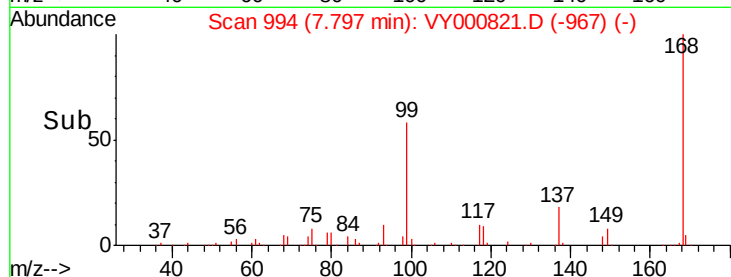
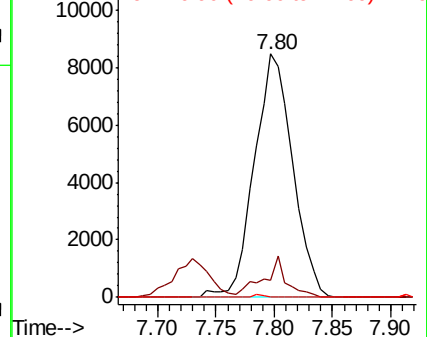
77 0.3 24.7 37.1#



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: 5.880 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

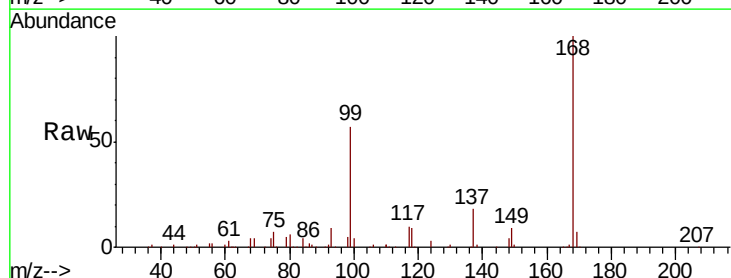
Tgt Ion: 117 Resp: 24317

Ion Ratio Lower Upper

117 100

119 4.1 79.3 118.9#

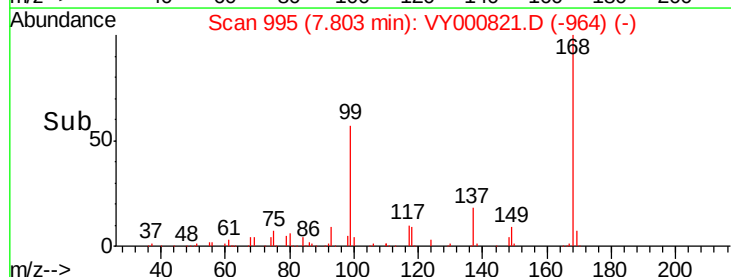
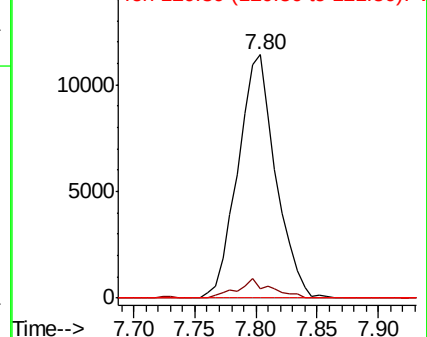
121 0.0 25.5 38.3#

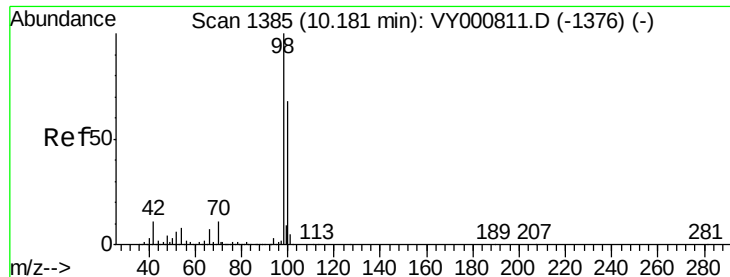


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.630 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

Instrument :

MSVOA_Y

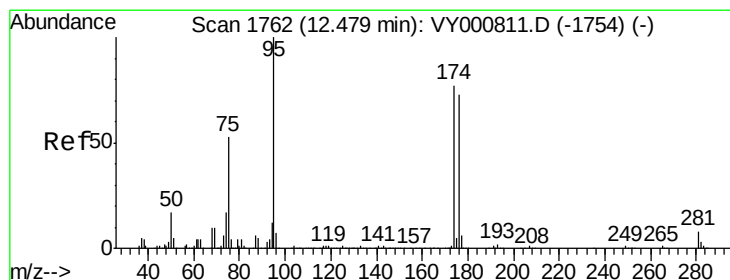
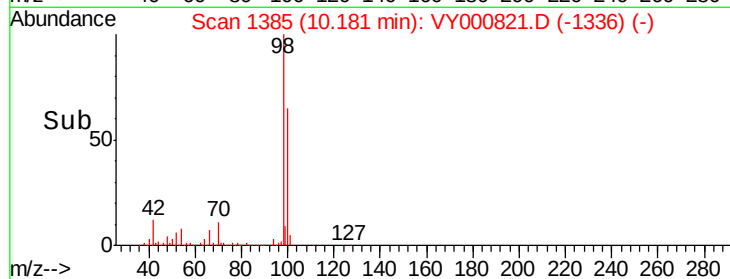
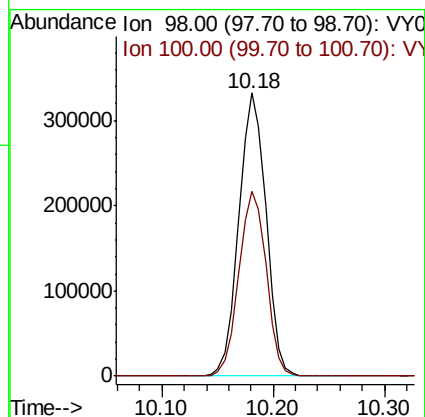
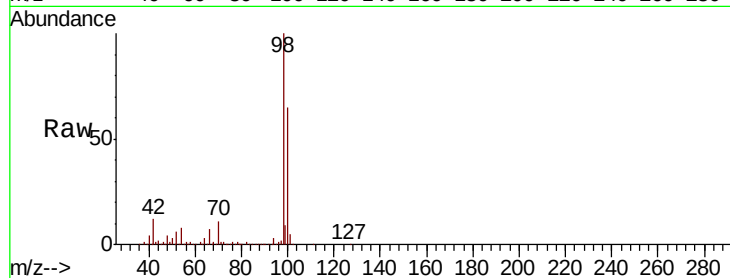
ClientSampleId :

Tot Ion: 98 Resp: 561852

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.523 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

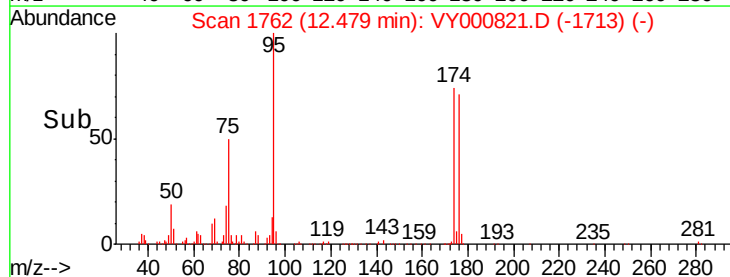
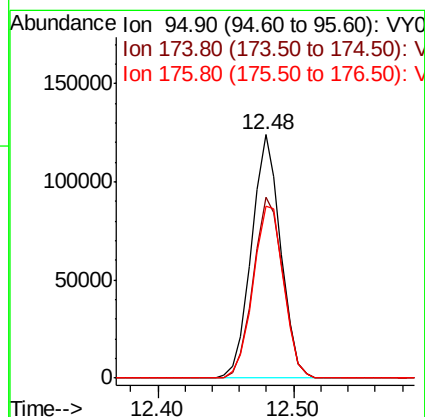
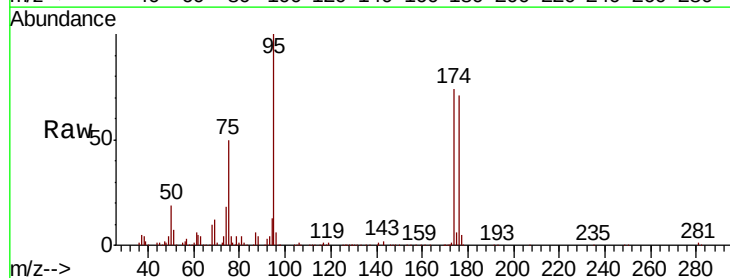
Tgt Ion: 95 Resp: 186048

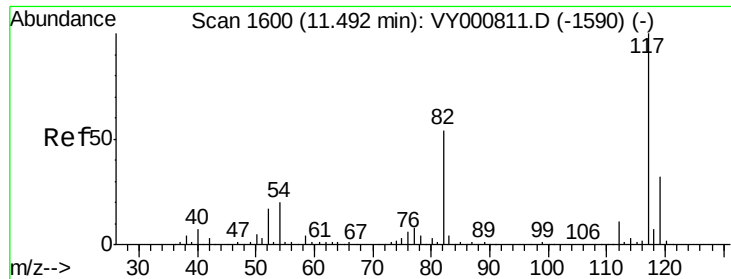
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

176 74.9 0.0 145.2

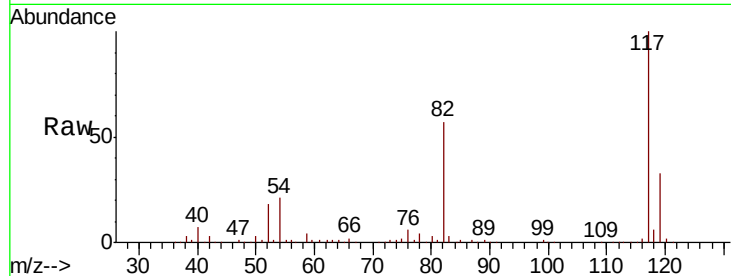




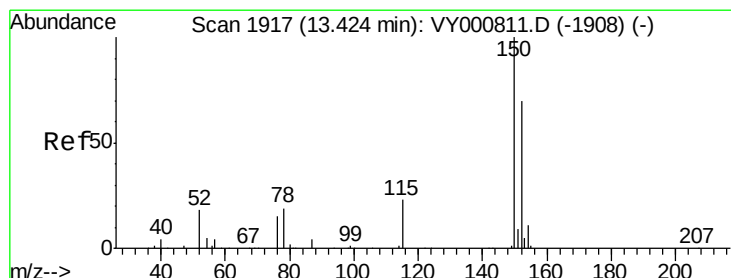
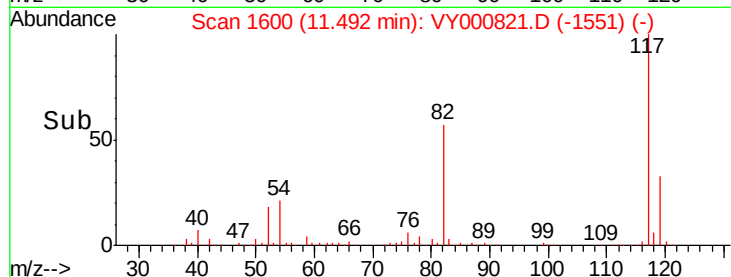
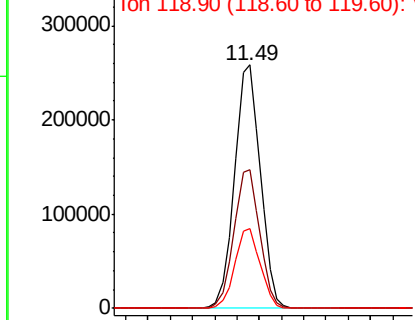
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 414565
Ion Ratio Lower Upper
117 100
82 56.8 43.1 64.7
119 32.8 25.3 37.9

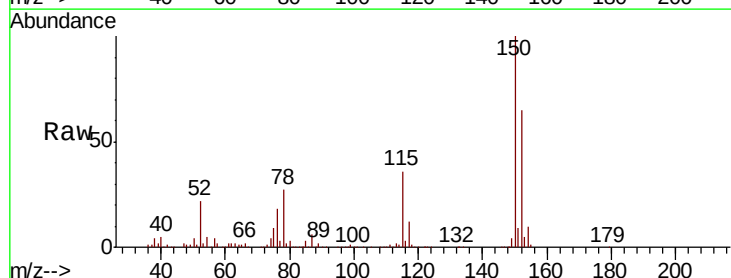


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

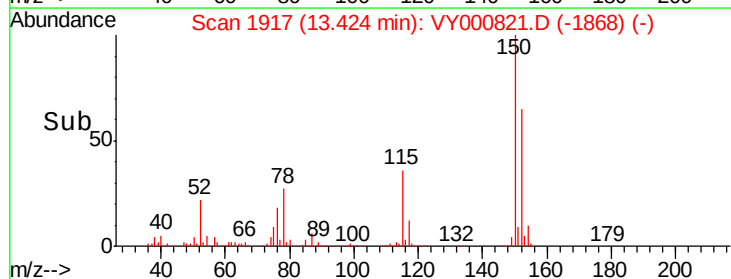
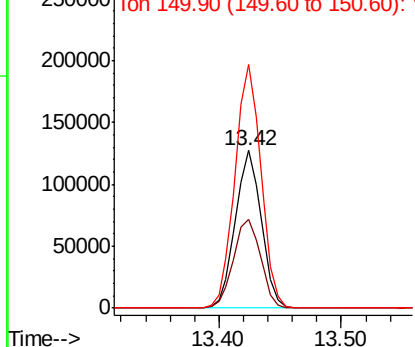


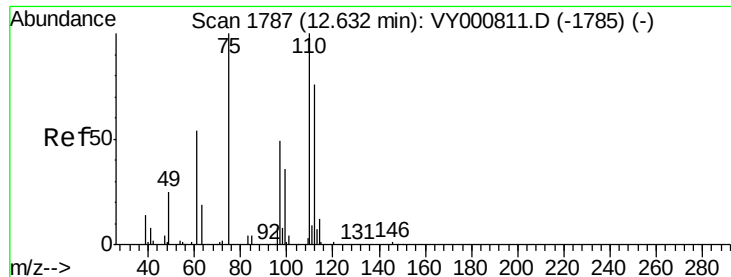
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000821.D
Acq: 27 Nov 2019 16:02

Tgt Ion:152 Resp: 185488
Ion Ratio Lower Upper
152 100
115 59.1 29.3 87.8
150 155.7 0.0 351.2



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: 45.849 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

Instrument :

MSVOA_Y

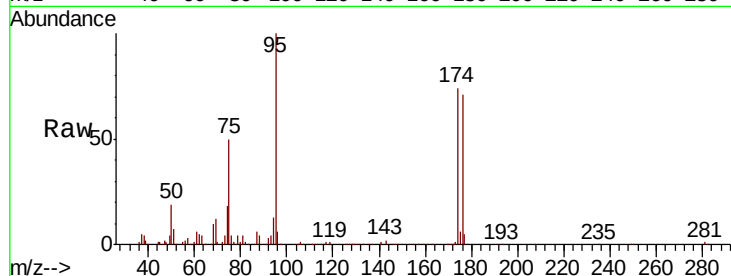
ClientSampleId :

Tot Ion: 75 Resp: 96355

Ion Ratio Lower Upper

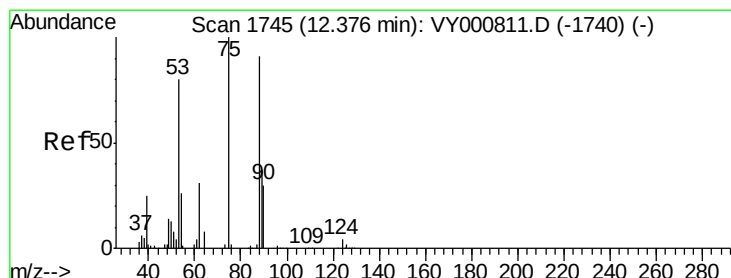
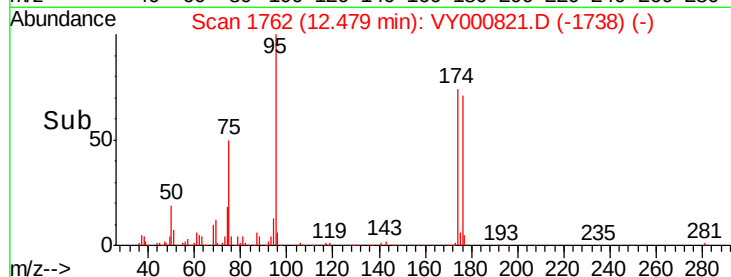
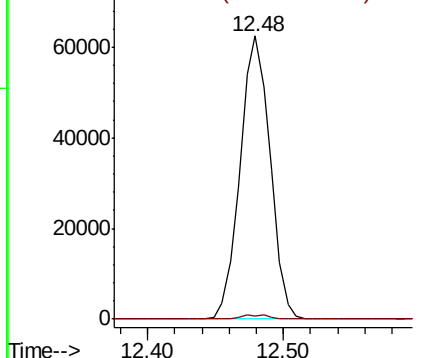
75 100

77 1.3 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: 90.061 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000821.D

Acq: 27 Nov 2019 16:02

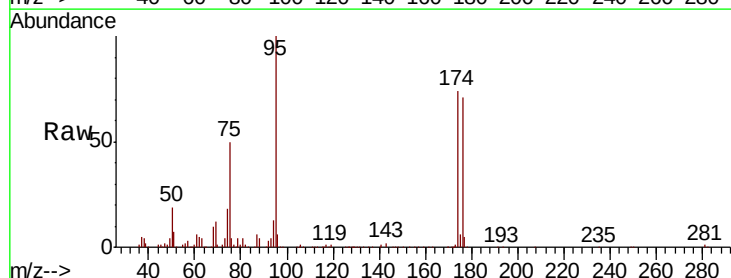
Tgt Ion: 75 Resp: 96355

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#



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

