

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000630.D
 Acq On : 08 Nov 2019 20:01
 Operator : SY/MD
 Sample : K5722-05
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-A

Quant Time: Nov 11 07:19:09 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

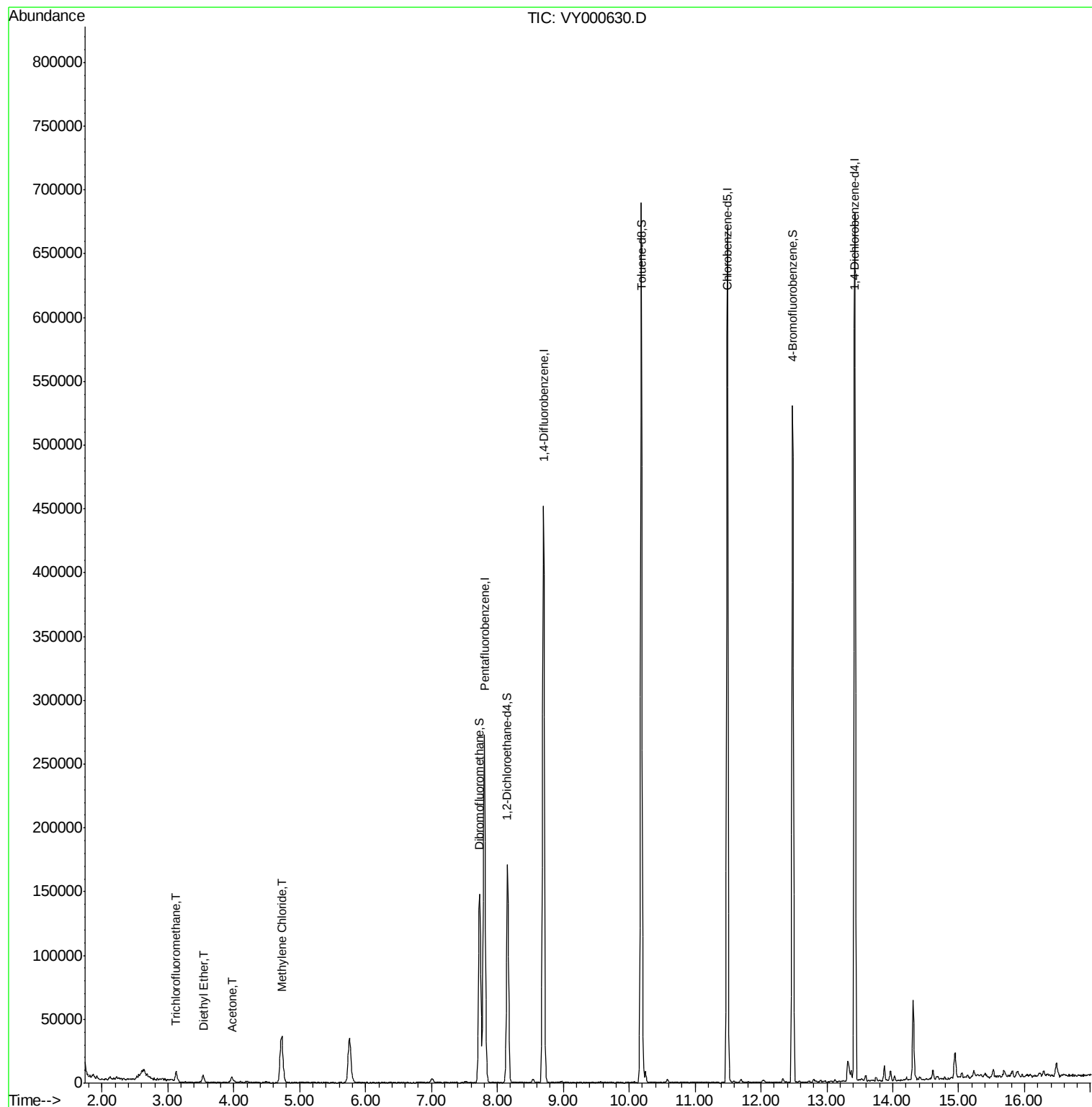
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	377927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	342944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131380	60.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.20%	
35) Dibromofluoromethane	7.73	113	104441	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.18	98	440781	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.48	95	155618	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	7741	2.173	ug/l	90
8) Diethyl Ether	3.54	74	2783	2.199	ug/l	86
16) Acetone	3.97	43	7696	12.881	ug/l	93
20) Methylene Chloride	4.72	84	27551	10.761	ug/l	95

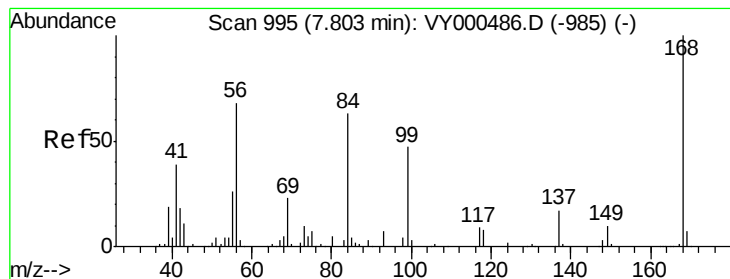
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
Data File : VY000630.D
Acq On : 08 Nov 2019 20:01
Operator : SY/MD
Sample : K5722-05
Misc : 6.60G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
5-A

Quant Time: Nov 11 07:19:09 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: VY000630.D

Acq: 08 Nov 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

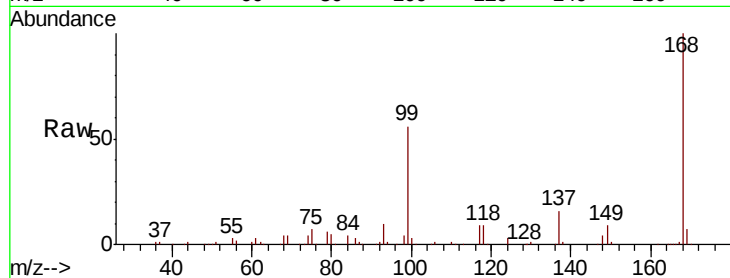
5-A

Tot Ion:168 Resp: 209481

Ion Ratio Lower Upper

168 100

99 56.0 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

100000

80000

60000

40000

20000

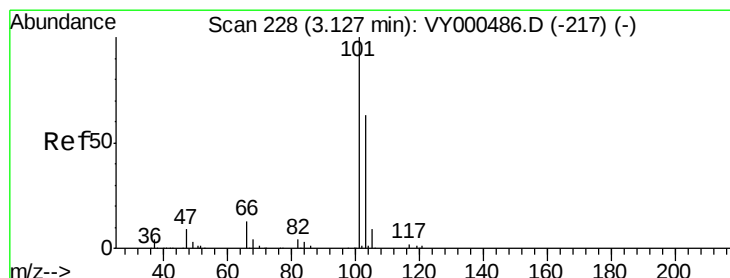
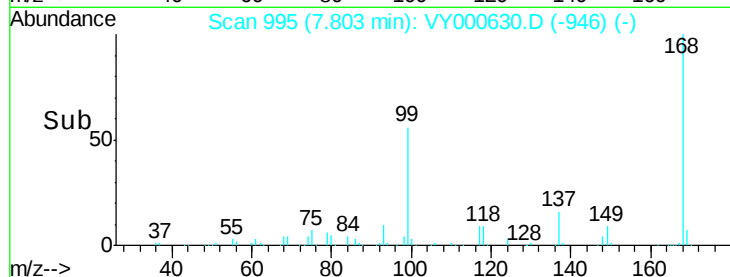
0

Time-->

7.70

7.80

7.90



#7

Trichlorofluoromethane

Concen: 2.173 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.00 min

Lab File: VY000630.D

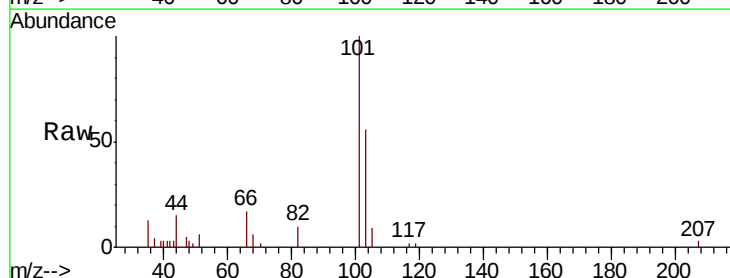
Acq: 08 Nov 2019 20:01

Tgt Ion:101 Resp: 7741

Ion Ratio Lower Upper

101 100

103 55.6 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

4000

3000

2000

1000

0

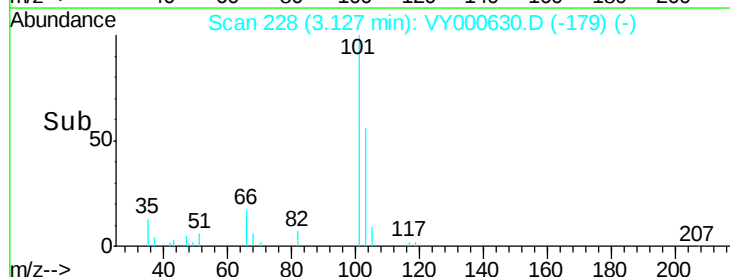
Time-->

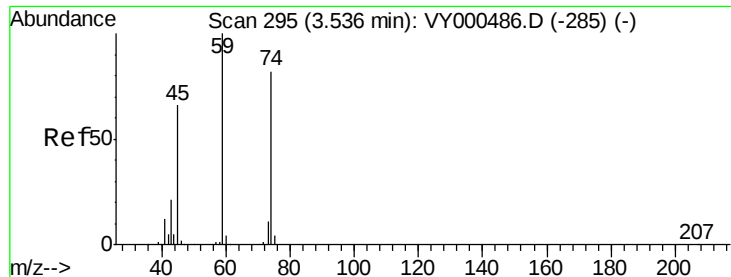
3.05

3.10

3.15

3.20





#8

Diethyl Ether

Concen: 2.199 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY000630.D

Acq: 08 Nov 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

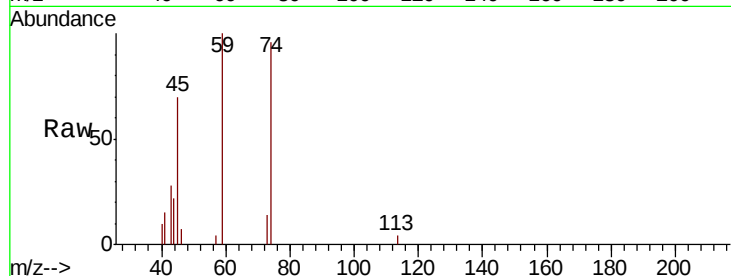
5-A

Tot Ion: 74 Resp: 2783

Ion Ratio Lower Upper

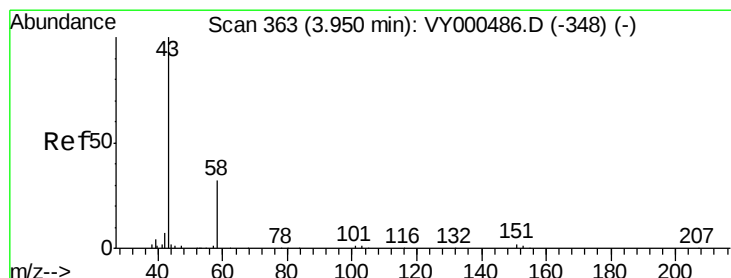
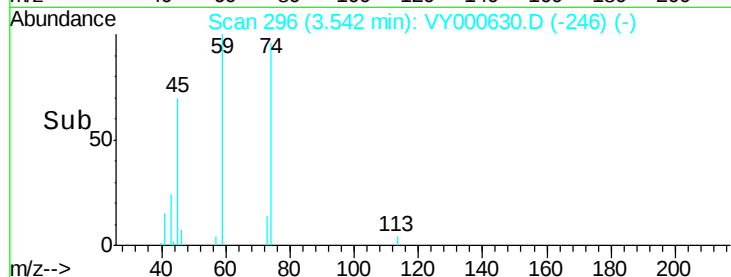
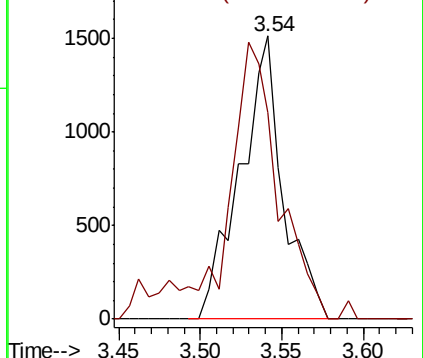
74 100

45 103.8 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#16

Acetone

Concen: 12.881 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000630.D

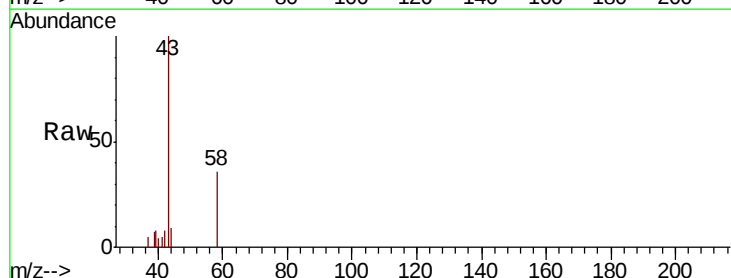
Acq: 08 Nov 2019 20:01

Tgt Ion: 43 Resp: 7696

Ion Ratio Lower Upper

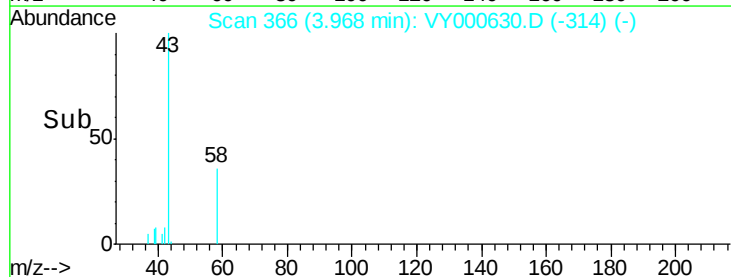
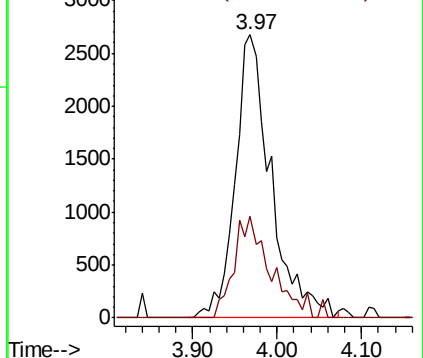
43 100

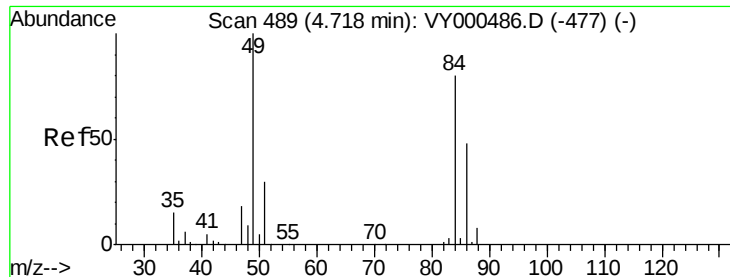
58 35.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

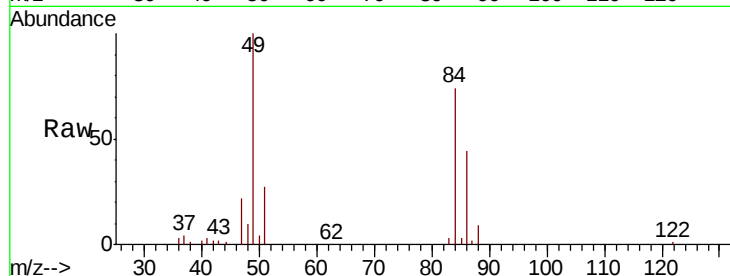




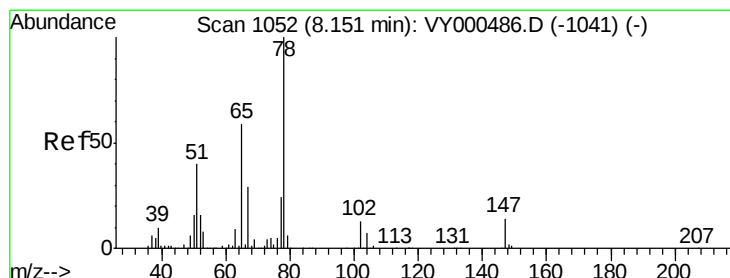
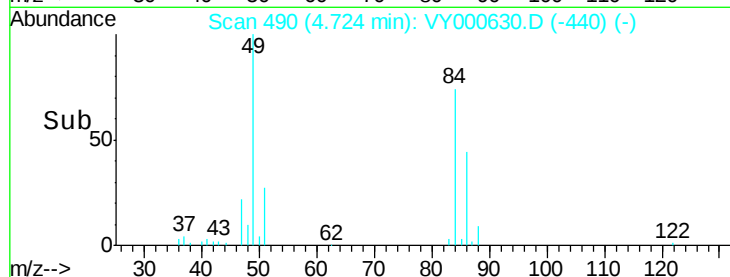
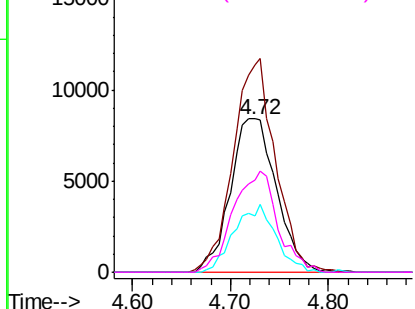
#20
Methylene Chloride
Concen: 10.761 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000630.D
Acq: 08 Nov 2019 20:01

Instrument :
MSVOA_Y
ClientSampled :
5-A

Tot Ion: 84 Resp: 27551
Ion Ratio Lower Upper
84 100
49 135.2 100.2 150.4
51 36.3 29.6 44.4
86 60.0 48.3 72.5

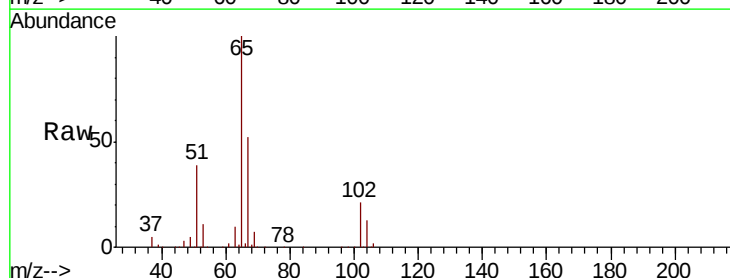


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

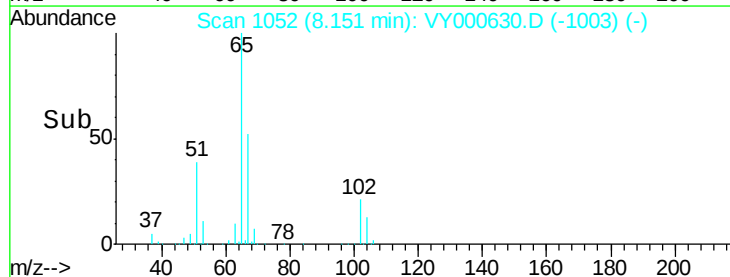
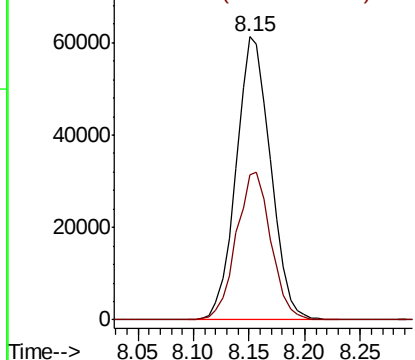


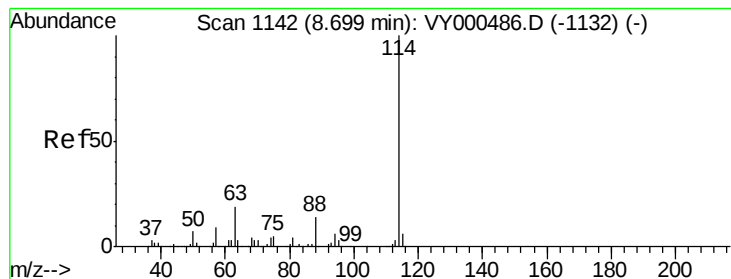
#33
1,2-Dichloroethane-d4
Concen: 60.604 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000630.D
Acq: 08 Nov 2019 20:01

Tgt Ion: 65 Resp: 131380
Ion Ratio Lower Upper
65 100
67 52.7 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: VY000630.D

Acq: 08 Nov 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

5-A

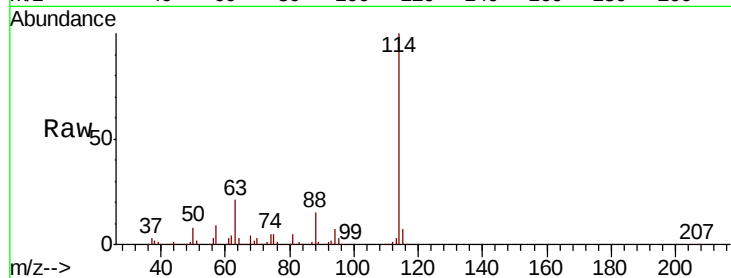
Tot Ion:114 Resp: 377927

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

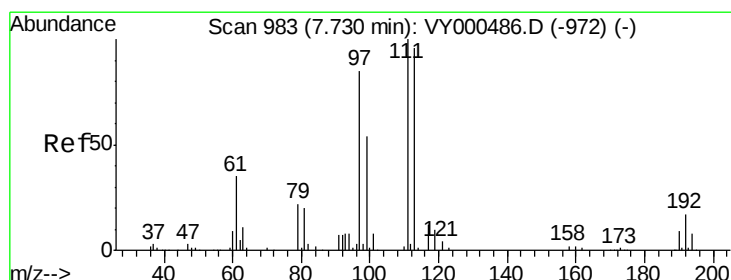
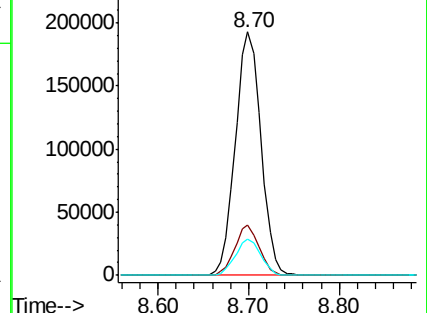
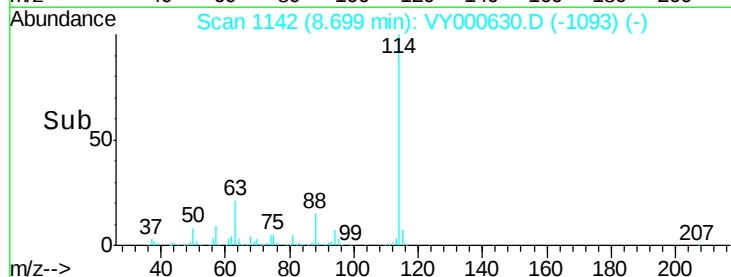
88 14.9 0.0 28.6



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: 47.074 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000630.D

Acq: 08 Nov 2019 20:01

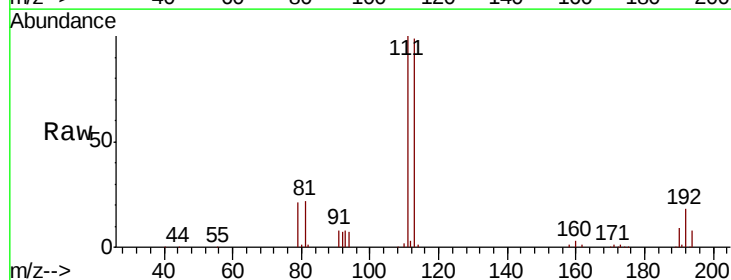
Tgt Ion:113 Resp: 104441

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

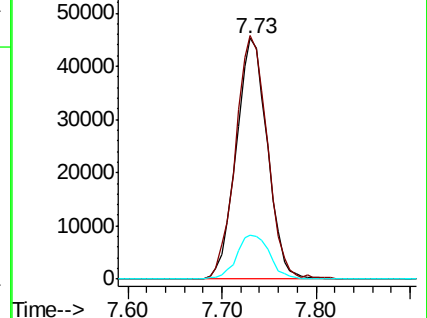
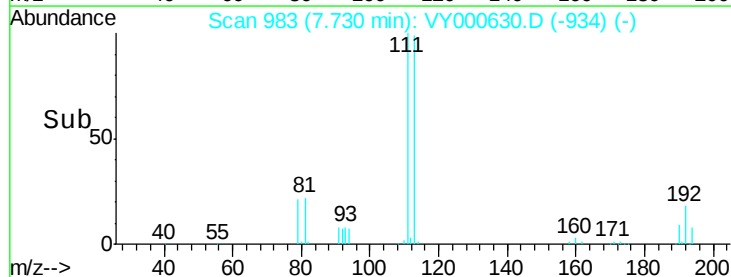
192 19.3 15.0 22.4

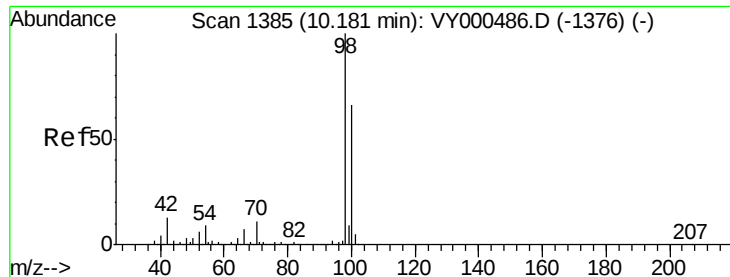


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.357 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000630.D

Acq: 08 Nov 2019 20:01

Instrument :

MSVOA_Y

ClientSampleId :

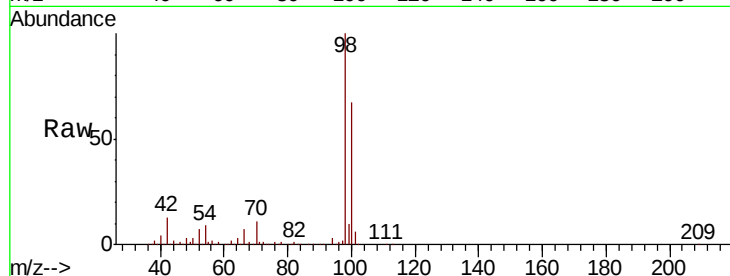
5-A

Tot Ion: 98 Resp: 440781

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

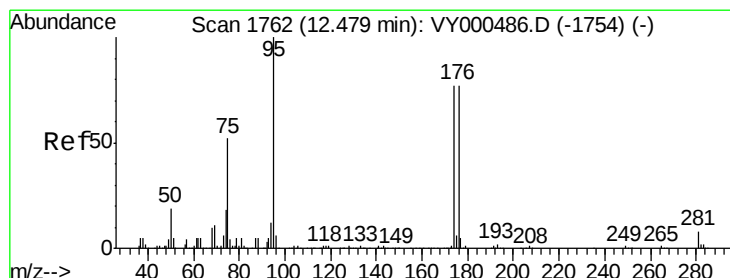
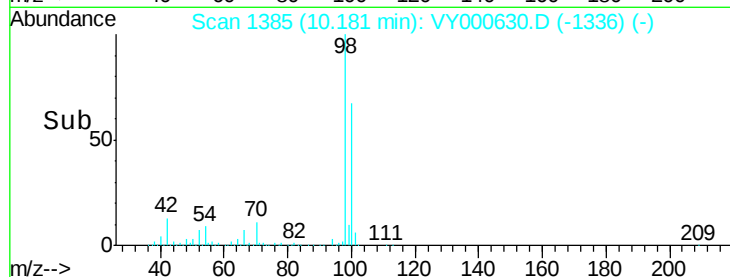
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.556 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000630.D

Acq: 08 Nov 2019 20:01

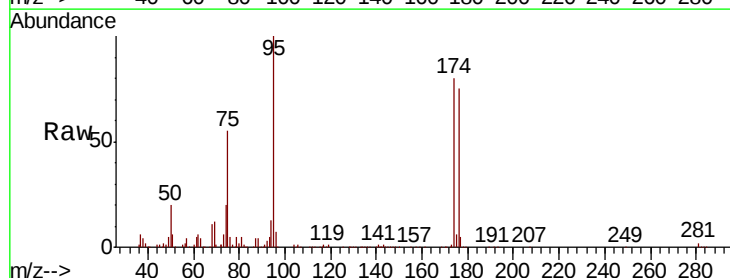
Tgt Ion: 95 Resp: 155618

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

176 78.6 0.0 157.8



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

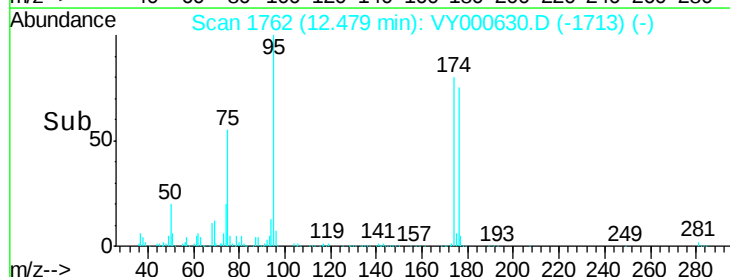
12.48

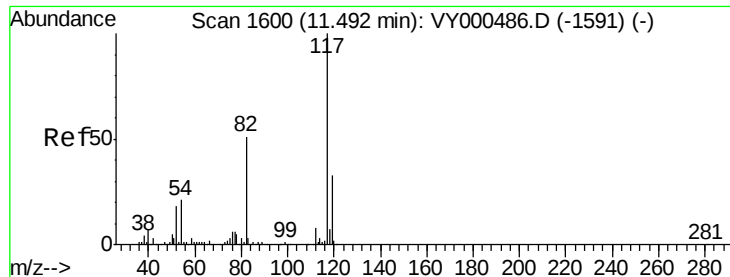
100000

50000

0

Time-->

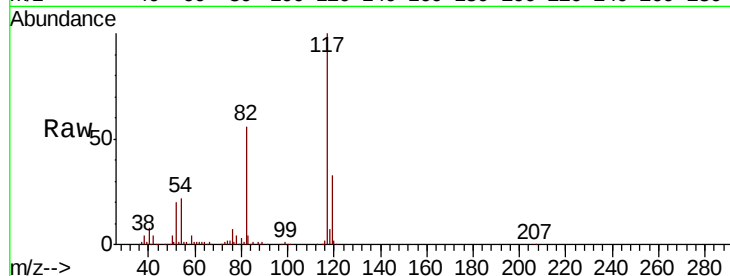




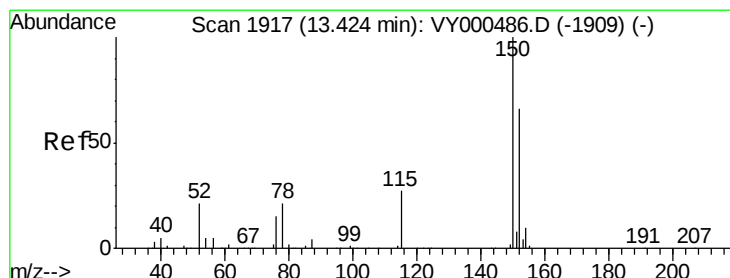
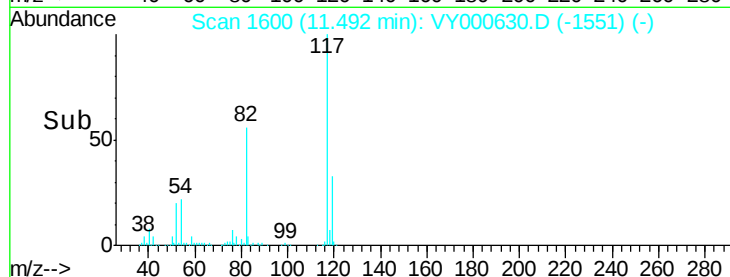
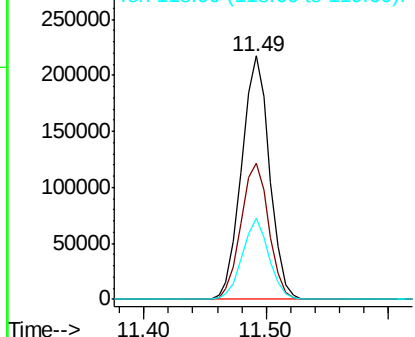
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000630.D
Acq: 08 Nov 2019 20:01

Instrument :
MSVOA_Y
ClientSampled :
5-A

Tot Ion:117 Resp: 342944
Ion Ratio Lower Upper
117 100
82 55.8 40.8 61.2
119 33.2 26.2 39.2

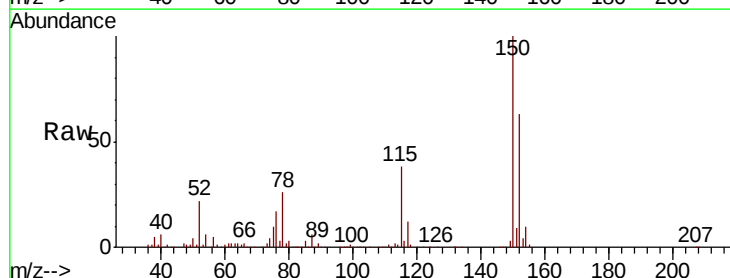


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000630.D
Acq: 08 Nov 2019 20:01

Tgt Ion:152 Resp: 158421
Ion Ratio Lower Upper
152 100
115 60.5 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

