

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000620.D
 Acq On : 08 Nov 2019 16:19
 Operator : SY/MD
 Sample : K5722-19
 Misc : 4.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-C

Quant Time: Nov 11 06:18:14 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

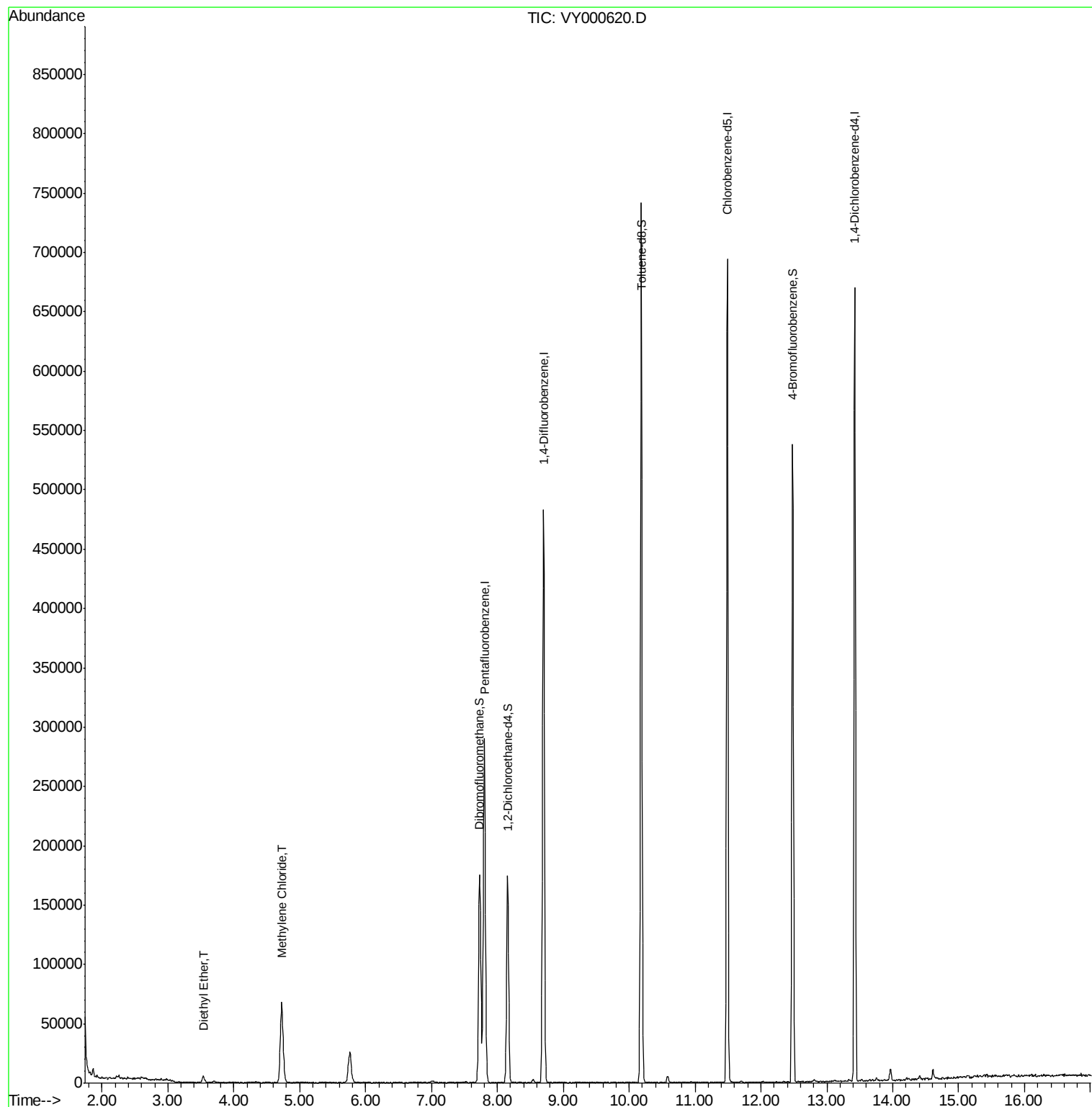
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	399797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	361045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	135446	58.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.82%	
35) Dibromofluoromethane	7.73	113	121557	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	10.18	98	475439	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.48	95	160281	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
8) Diethyl Ether	3.54	74	3104	2.292	ug/l	98
20) Methylene Chloride	4.72	84	48243	17.616	ug/l	96

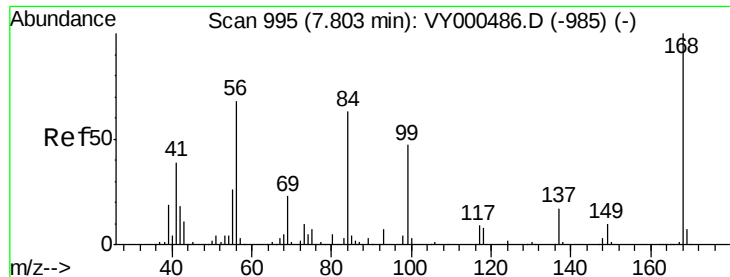
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
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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: VY000620.D

Acq: 08 Nov 2019 16:19

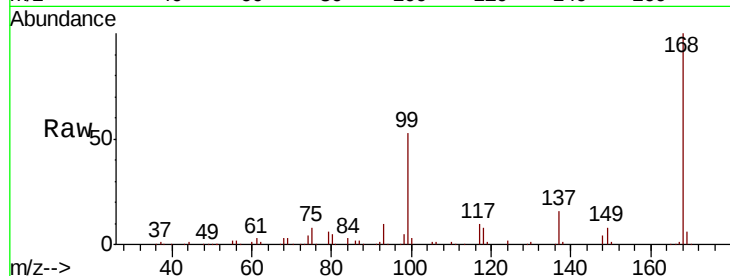
Instrument :
MSVOA_Y
ClientSampled :
3-C

Tot Ion:168 Resp: 224081

Ion Ratio Lower Upper

168 100

99 52.5 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

100000

80000

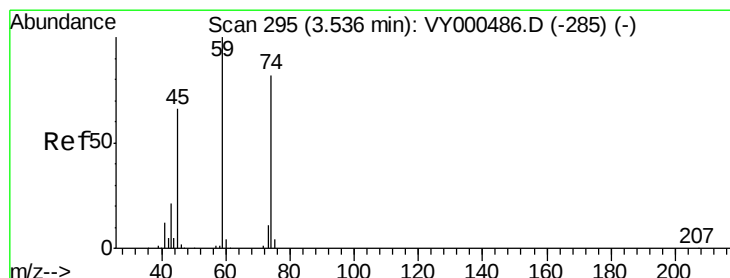
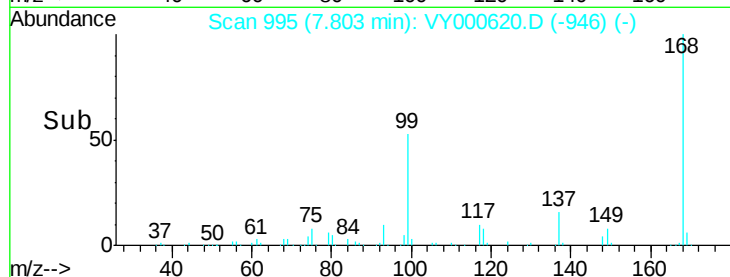
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.292 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY000620.D

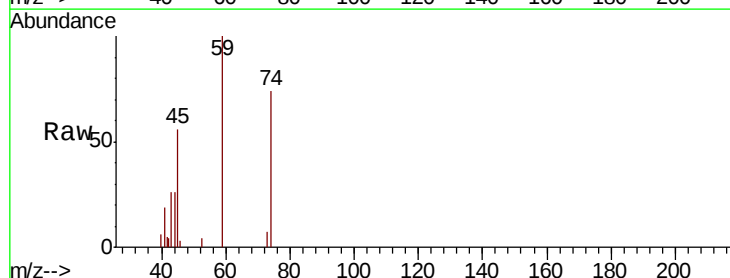
Acq: 08 Nov 2019 16:19

Tgt Ion: 74 Resp: 3104

Ion Ratio Lower Upper

74 100

45 89.0 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

3.54

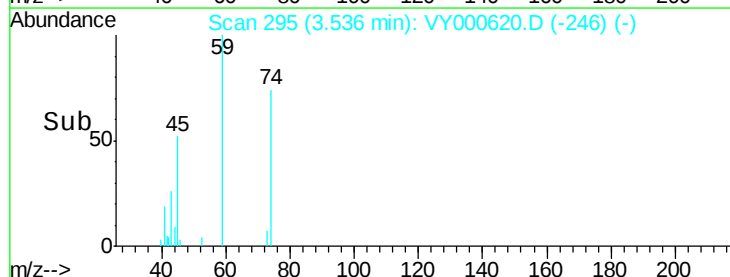
1500

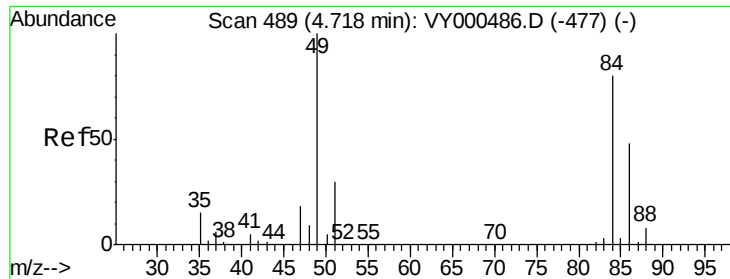
1000

500

0

Time-->

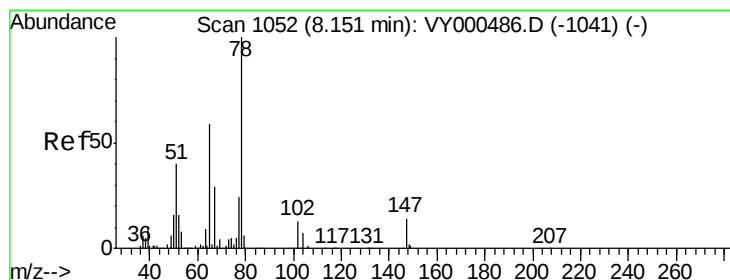
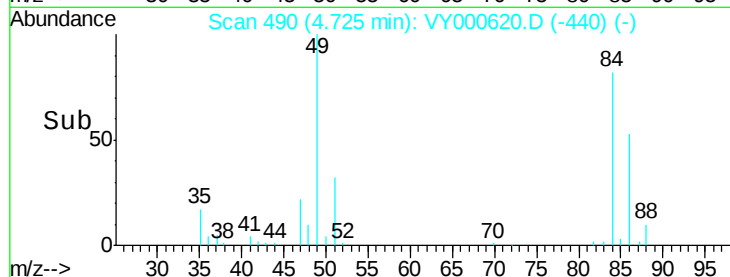
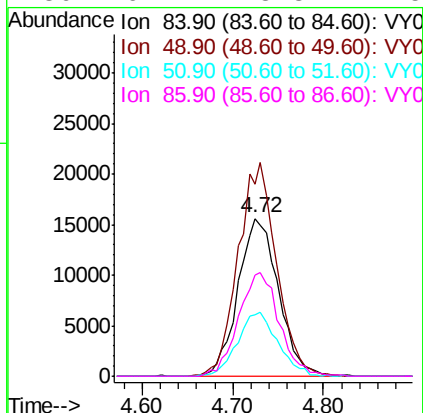
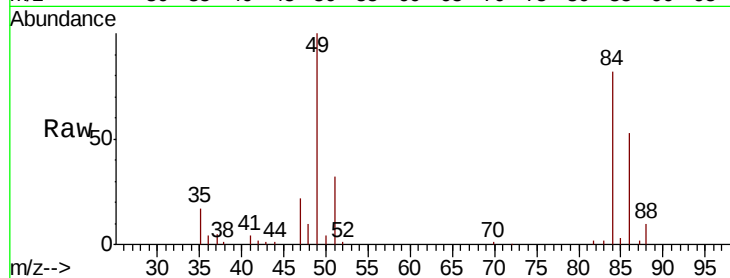




#20
Methvlene Chloride
Concen: 17.616 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000620.D
Acq: 08 Nov 2019 16:19

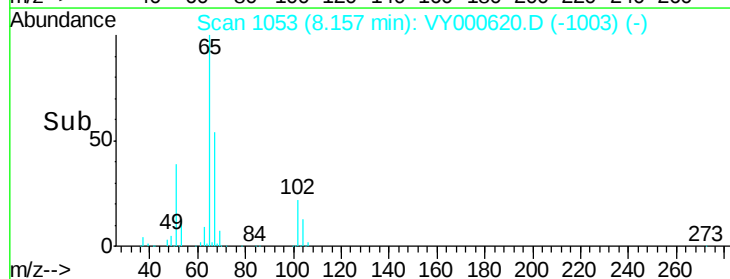
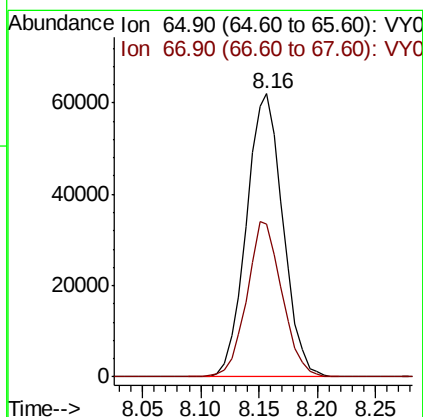
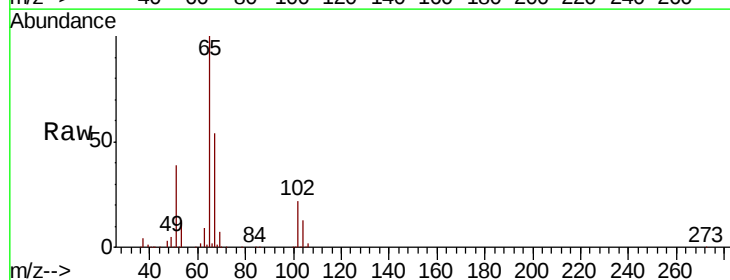
Instrument :
MSVOA_Y
ClientSampled :
3-C

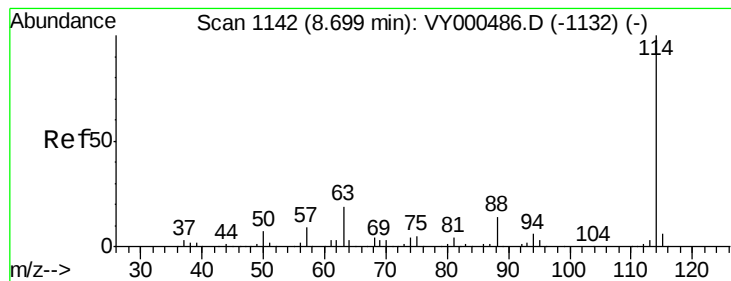
Tot Ion: 84 Resp: 48243
Ion Ratio Lower Upper
84 100
49 122.1 100.2 150.4
51 39.3 29.6 44.4
86 64.4 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 58.408 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000620.D
Acq: 08 Nov 2019 16:19

Tgt Ion: 65 Resp: 135446
Ion Ratio Lower Upper
65 100
67 52.8 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: VY000620.D

Acq: 08 Nov 2019 16:19

Instrument :

MSVOA_Y

ClientSampled :

3-C

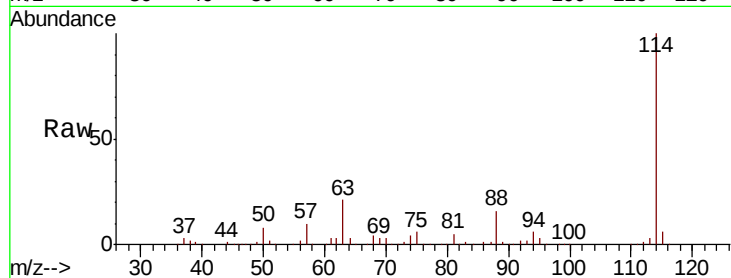
Tot Ion:114 Resp: 399797

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

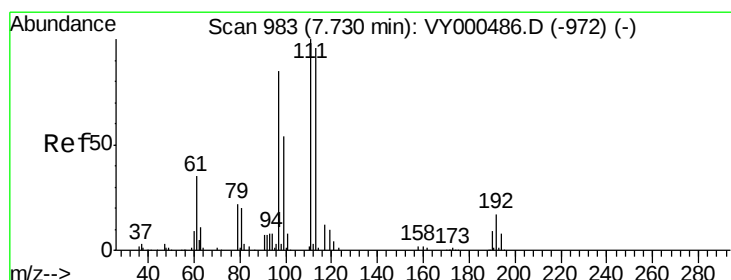
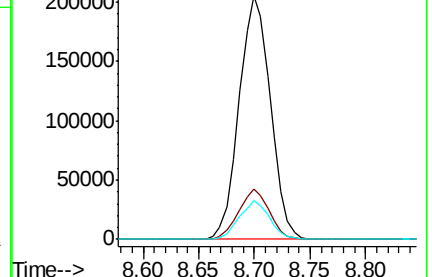
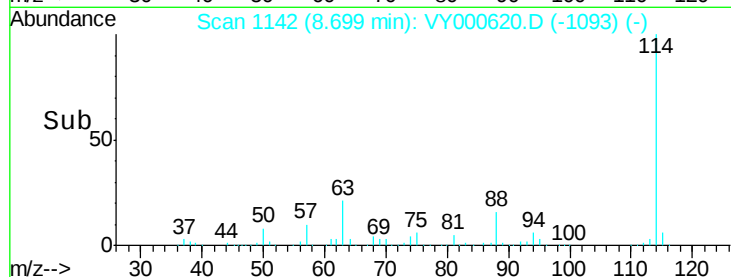
88 16.0 0.0 28.6



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: 51.791 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000620.D

Acq: 08 Nov 2019 16:19

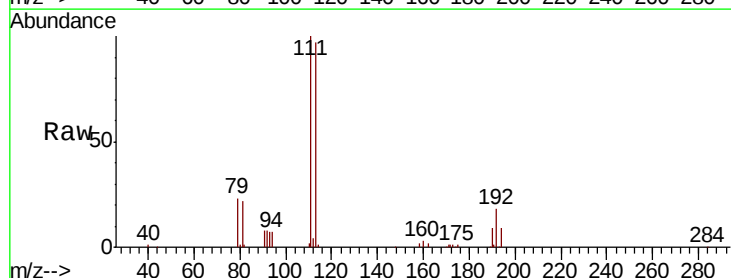
Tgt Ion:113 Resp: 121557

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

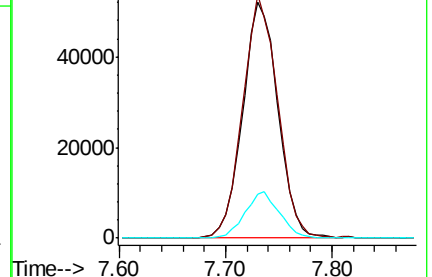
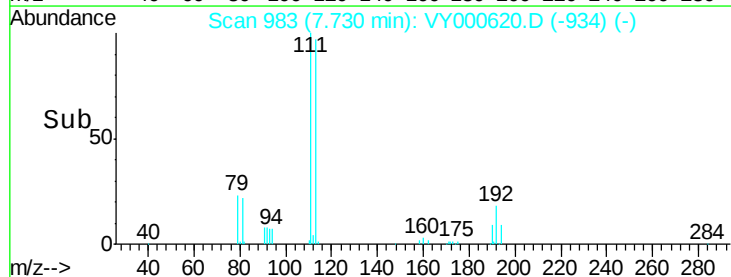
192 19.1 15.0 22.4

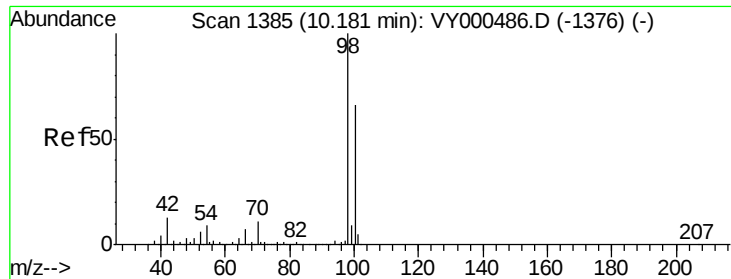


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.385 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000620.D

Acq: 08 Nov 2019 16:19

Instrument :

MSVOA_Y

ClientSampleId :

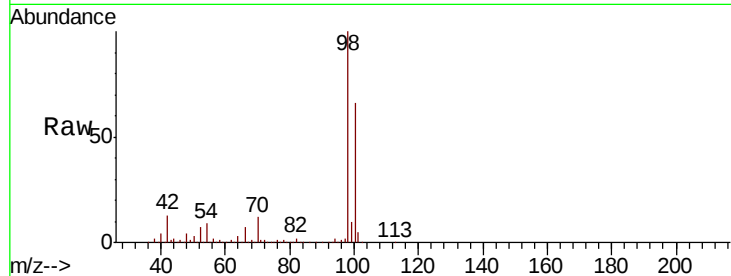
3-C

Tot Ion: 98 Resp: 475439

Ion Ratio Lower Upper

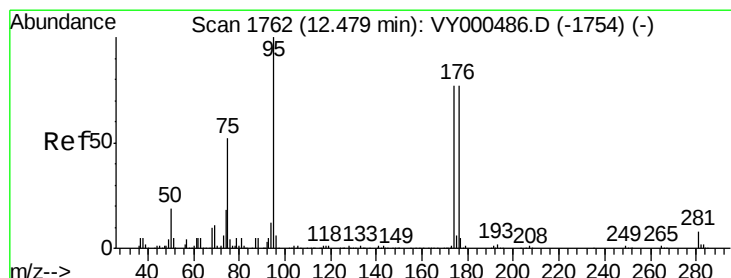
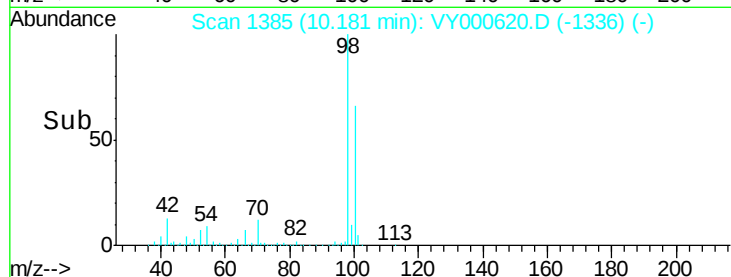
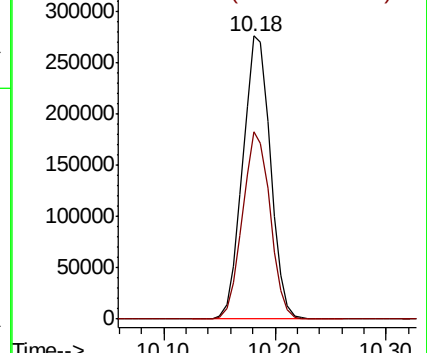
98 100

100 66.1 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: 47.275 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000620.D

Acq: 08 Nov 2019 16:19

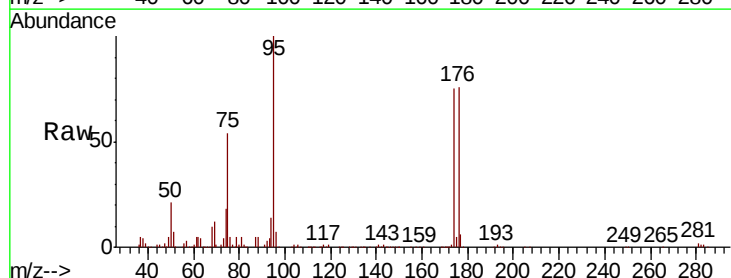
Tgt Ion: 95 Resp: 160281

Ion Ratio Lower Upper

95 100

174 77.7 0.0 161.6

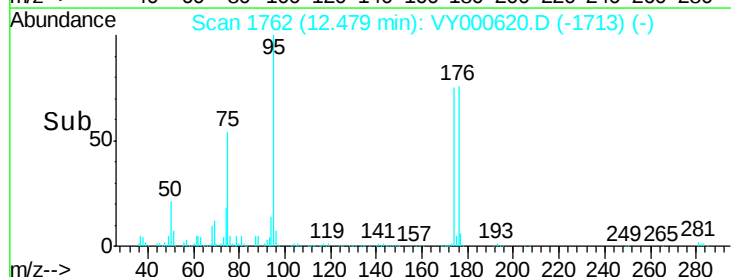
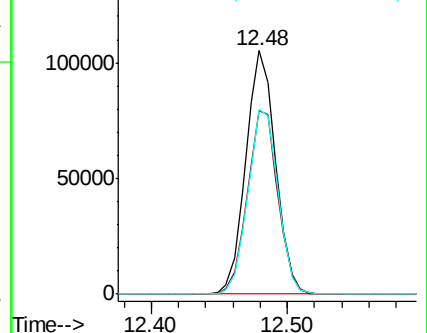
176 77.2 0.0 157.8

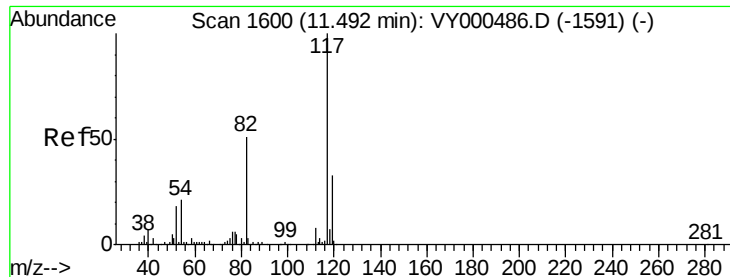


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

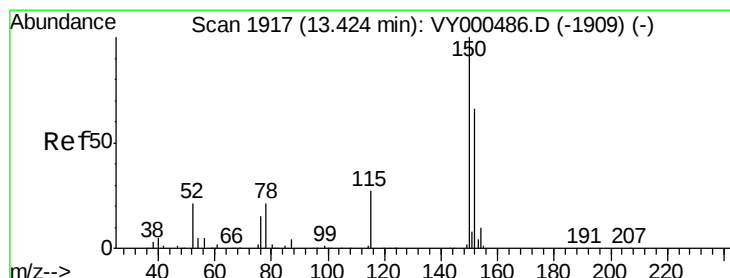
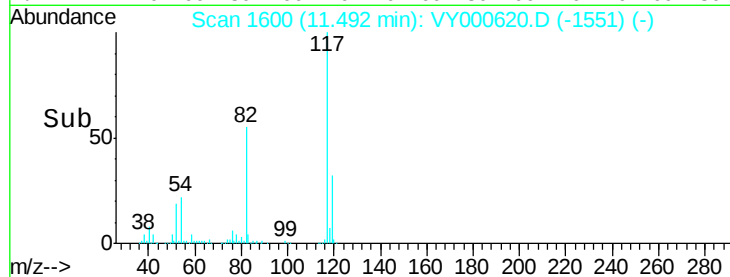
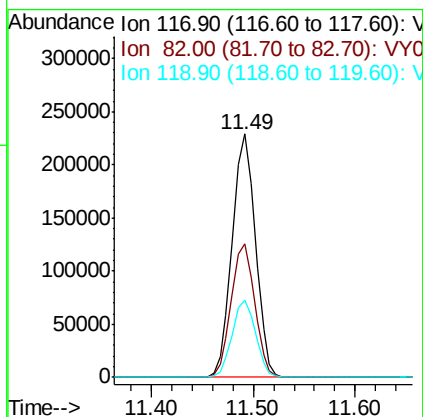
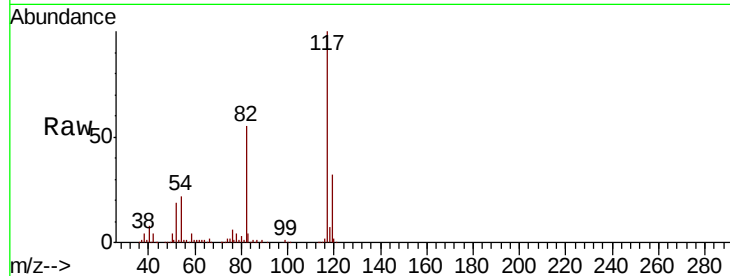




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VY000620.D
 Acq: 08 Nov 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampled :
 3-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.8	61.2
119	31.6	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: VY000620.D
 Acq: 08 Nov 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.1	87.4
150	157.7	0.0	348.8

