

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000629.D
 Acq On : 08 Nov 2019 19:38
 Operator : SY/MD
 Sample : K5722-04
 Misc : 8.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-D

Quant Time: Nov 11 07:16:51 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

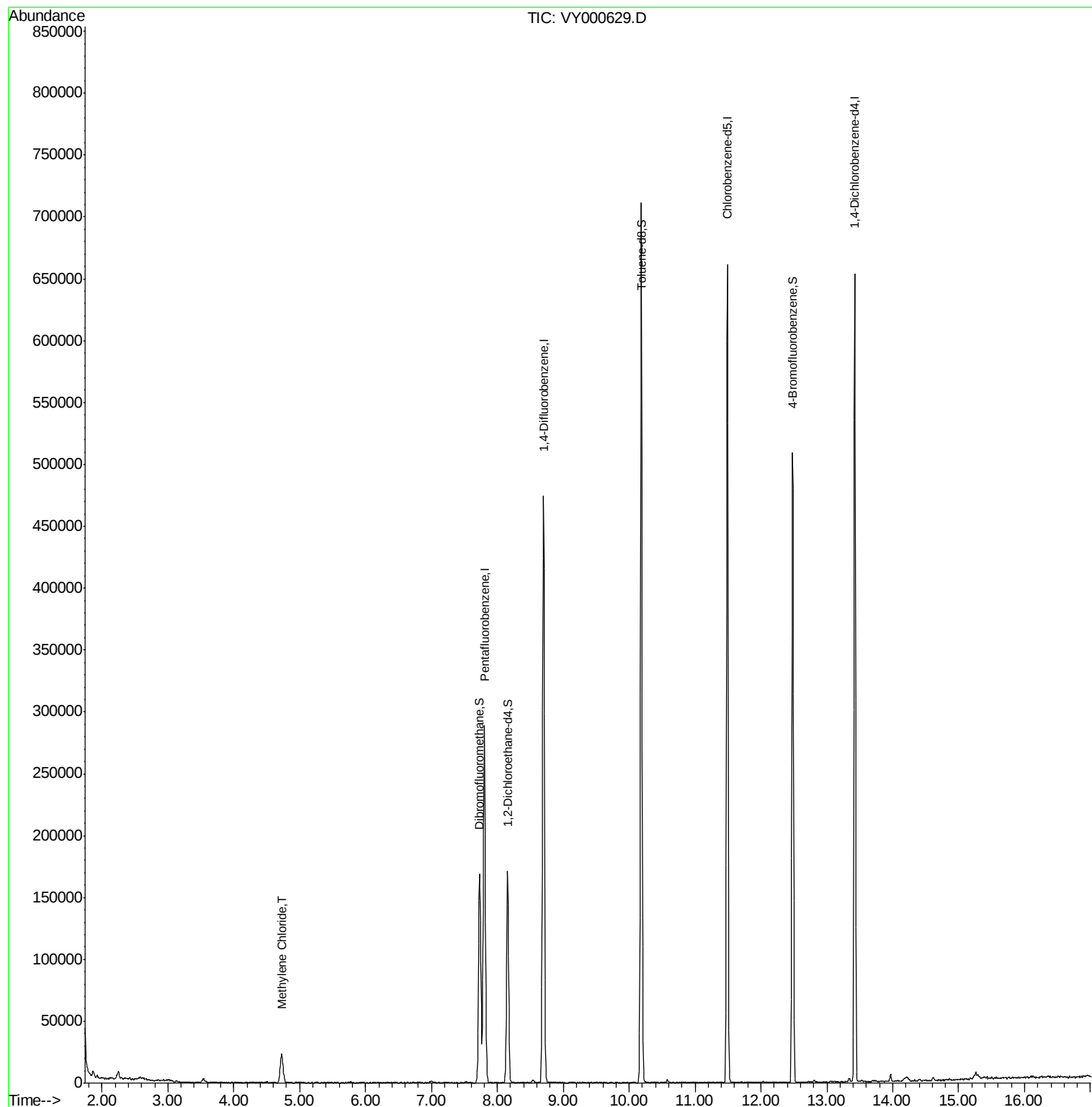
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	392679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	129136	57.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.94%	
35) Dibromofluoromethane	7.73	113	116346	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.18	98	456013	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.48	95	150447	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
20) Methylene Chloride	4.72	84	16824	6.340	ug/l	Qvalue 96

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

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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: VY000629.D

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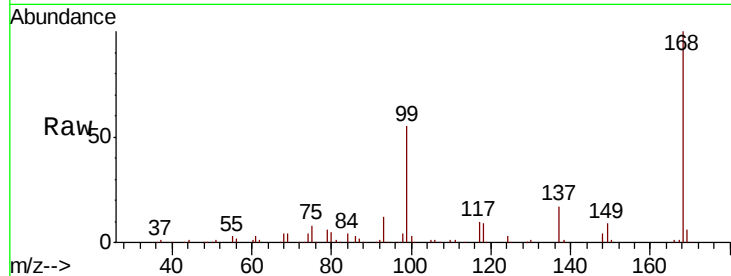
Instrument :
MSVOA_Y
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4-D

Tot Ion:168 Resp: 217133

Ion Ratio Lower Upper

168 100

99 54.9 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

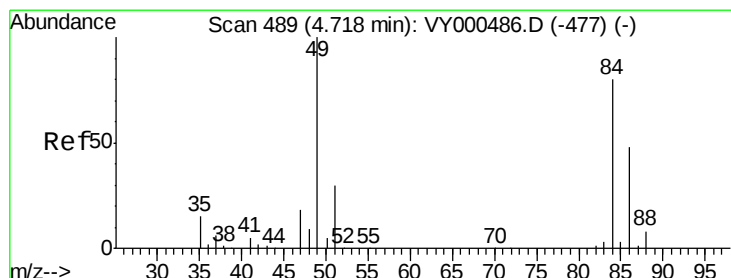
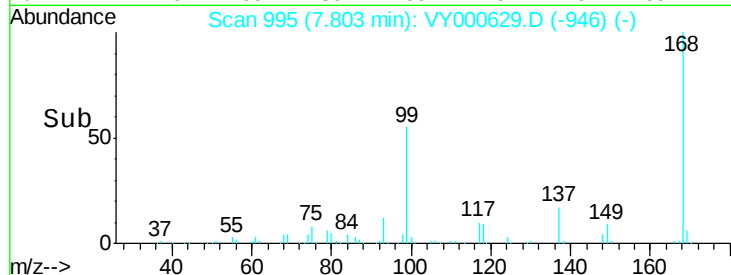
0

Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 6.340 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

Tgt Ion: 84 Resp: 16824

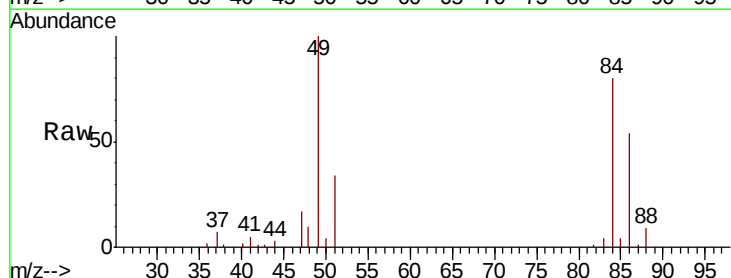
Ion Ratio Lower Upper

84 100

49 124.3 100.2 150.4

51 41.7 29.6 44.4

86 66.8 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000486.D (-477) (-)

4.72

10000

8000

6000

4000

2000

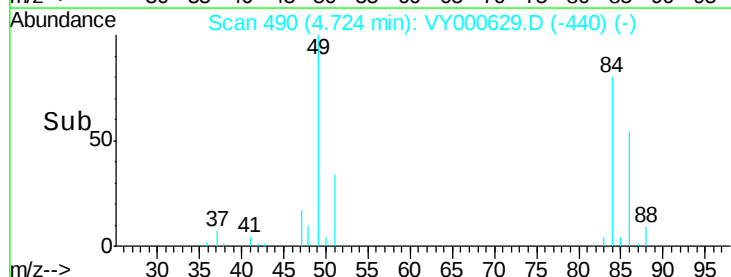
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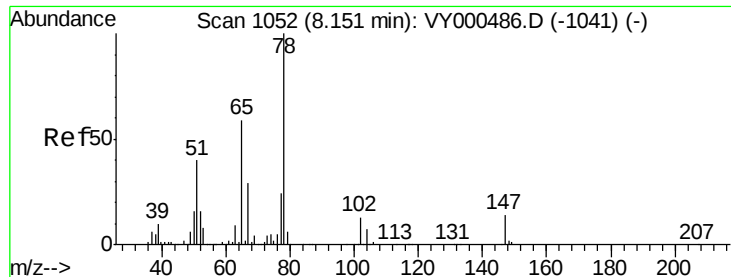
Time-->

4.60

4.70

4.80





#33

1,2-Dichloroethane-d4

Concen: 57.469 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000629.D

Acq: 08 Nov 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

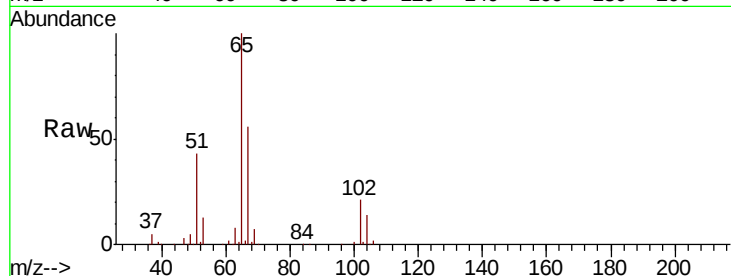
4-D

Tot Ion: 65 Resp: 129136

Ion Ratio Lower Upper

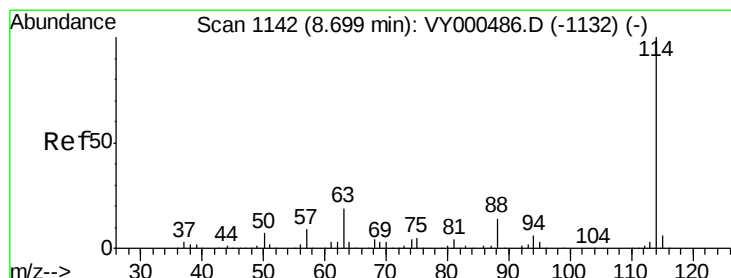
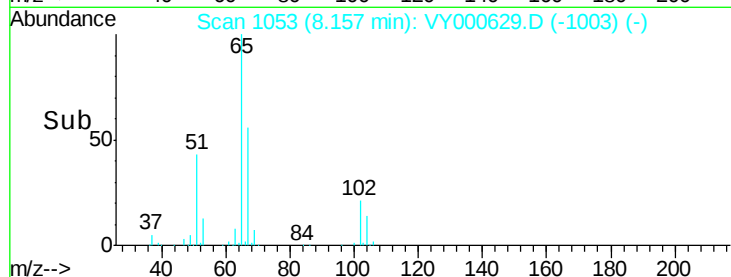
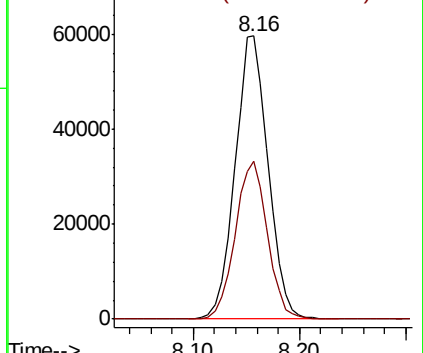
65 100

67 54.4 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: VY000629.D

Acq: 08 Nov 2019 19:38

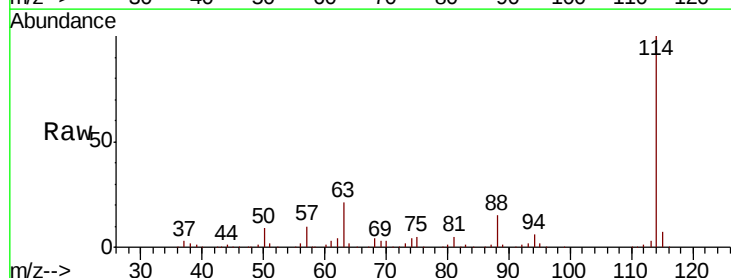
Tgt Ion: 114 Resp: 392679

Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.0

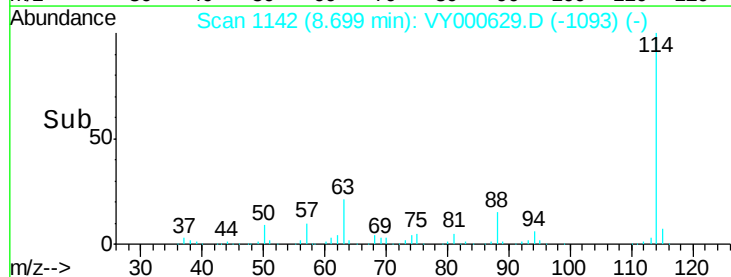
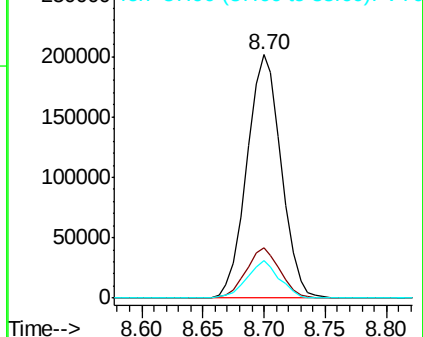
88 15.4 0.0 28.6

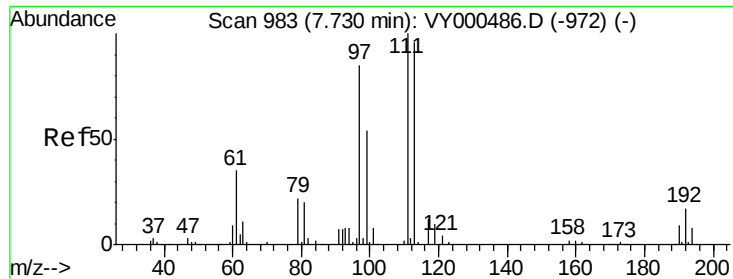


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

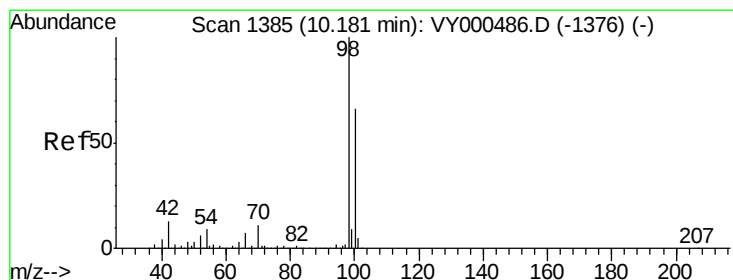
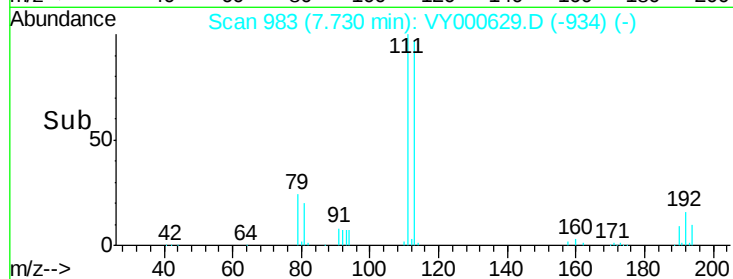
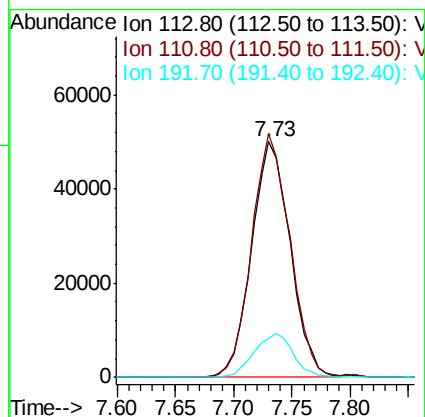
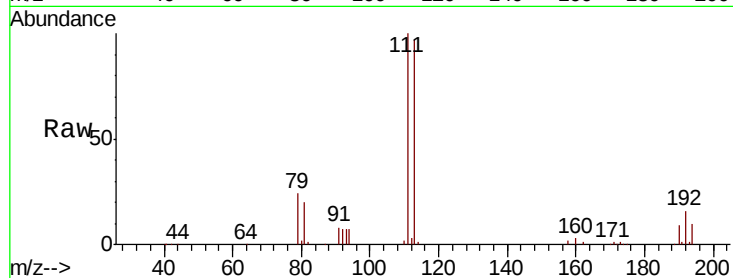




#35
 Dibromofluoromethane
 Concen: 50.469 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

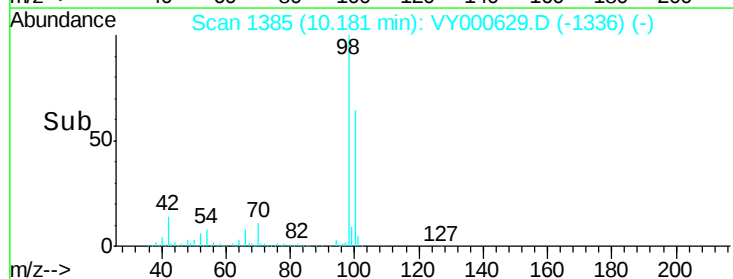
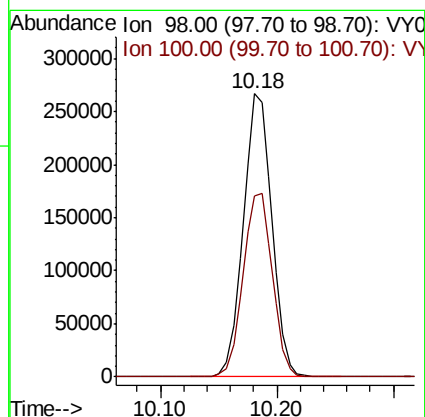
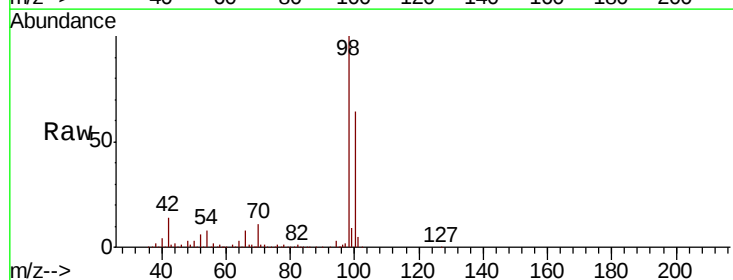
Instrument :
 MSVOA_Y
 ClientSampleId :
 4-D

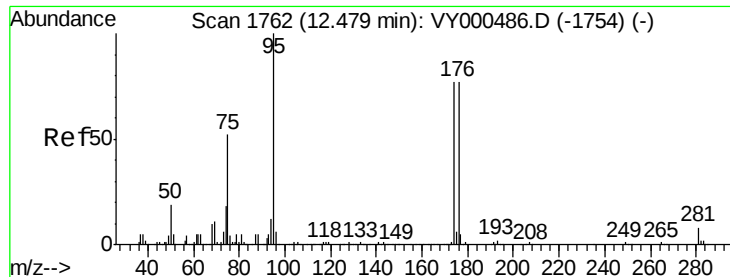
Tot Ion:113 Resp: 116346
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 18.6 15.0 22.4



#50
 Toluene-d8
 Concen: 52.132 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000629.D
 Acq: 08 Nov 2019 19:38

Tgt Ion: 98 Resp: 456013
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3

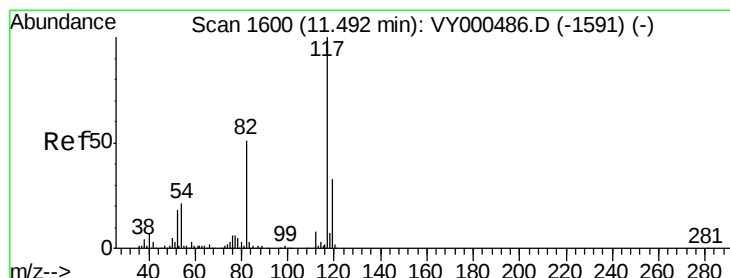
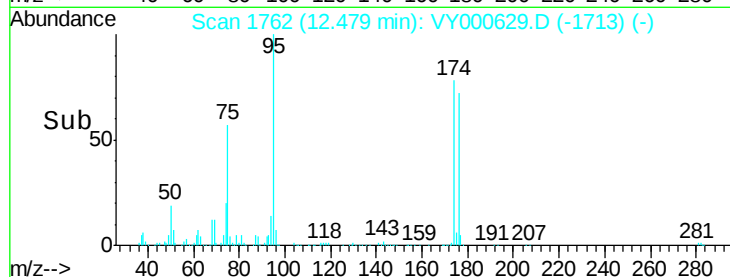
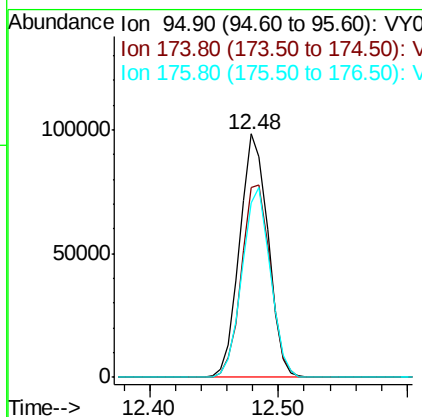
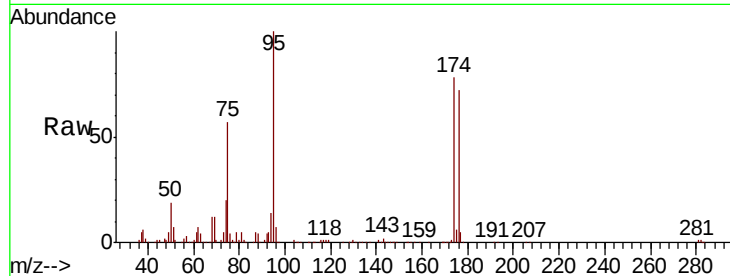




#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

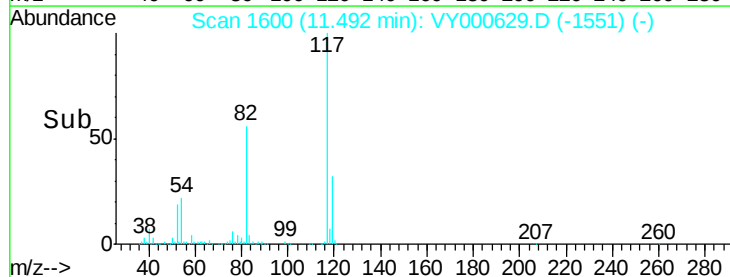
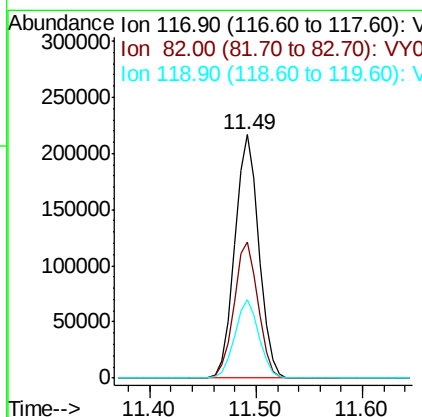
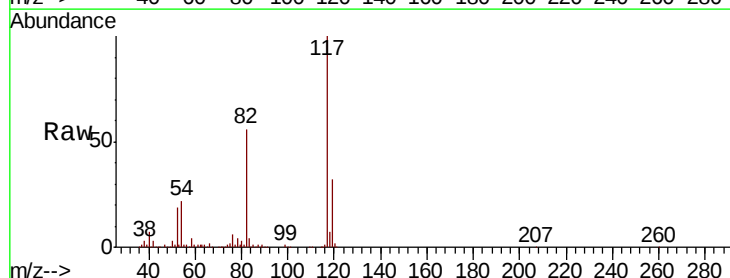
Instrument :
MSVOA_Y
ClientSampleId :
4-D

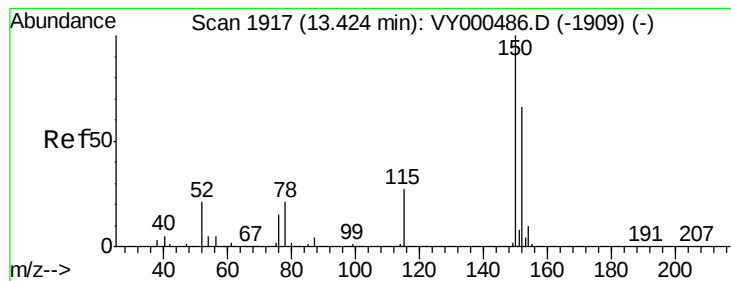
Tot Ion	95	Resp	150447
Ion Ratio	Lower	Upper	
95	100		
174	79.7	0.0	161.6
176	77.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000629.D
Acq: 08 Nov 2019 19:38

Tgt Ion	117	Resp	343967
Ion Ratio	Lower	Upper	
117	100		
82	56.1	40.8	61.2
119	32.3	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: VY000629.D

Acq: 08 Nov 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

4-D

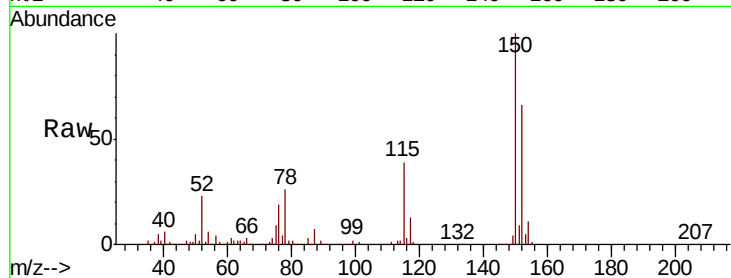
Tot Ion:152 Resp: 152473

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.4

150 155.1 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

