

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001629.D
 Acq On : 13 Feb 2020 16:29
 Operator : SY/MD
 Sample : L1525-01
 Misc : 7.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1A-(7.5-9.5)

Quant Time: Feb 14 06:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

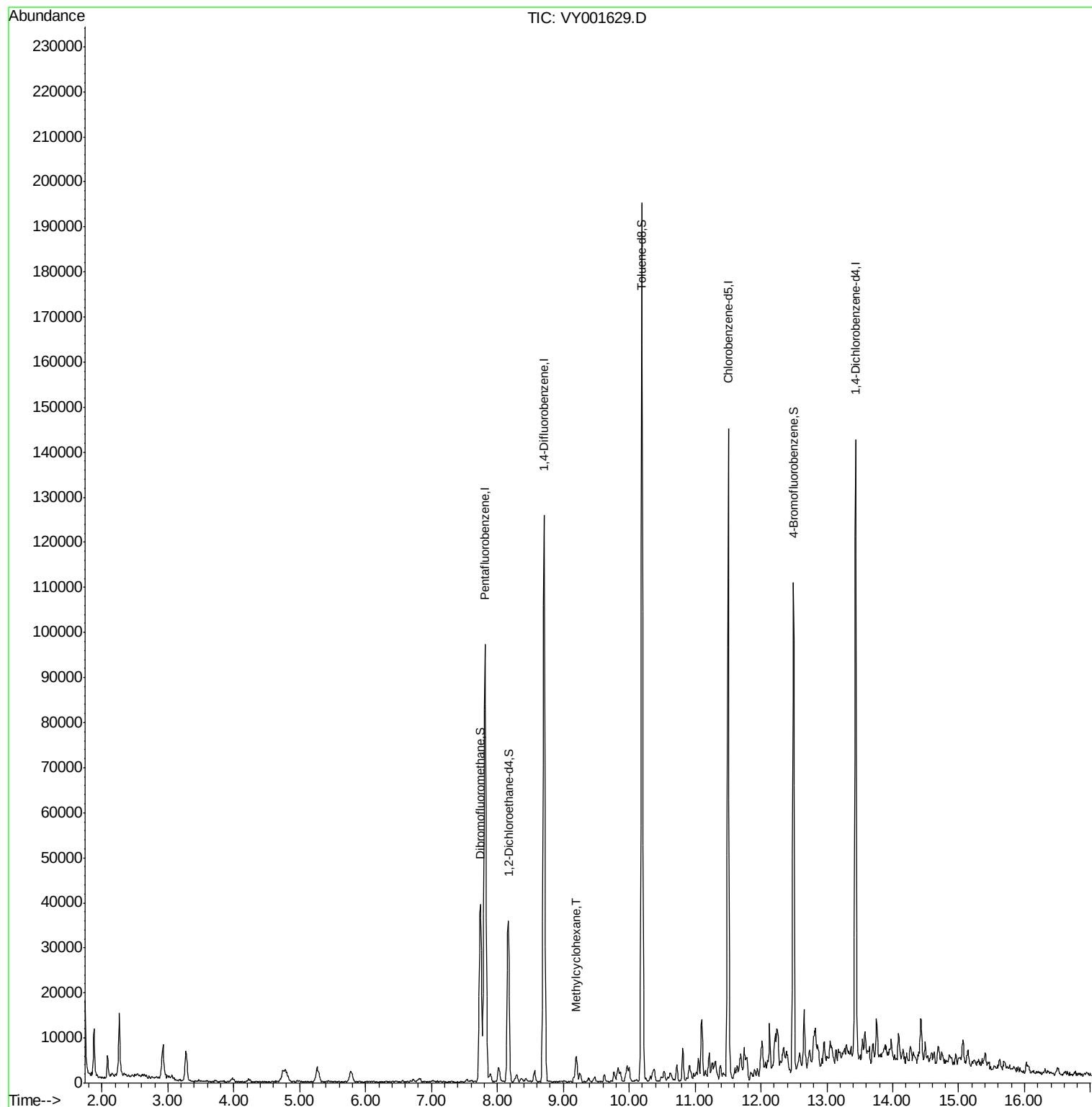
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	73651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	108109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	79551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	33903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	27012	36.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.86%	
35) Dibromofluoromethane	7.74	113	27999	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
50) Toluene-d8	10.19	98	123496	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.49	95	34605	37.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.48%	
Target Compounds						
39) Methylcyclohexane	9.20	83	2059	1.581	ug/l #	Qvalue 86

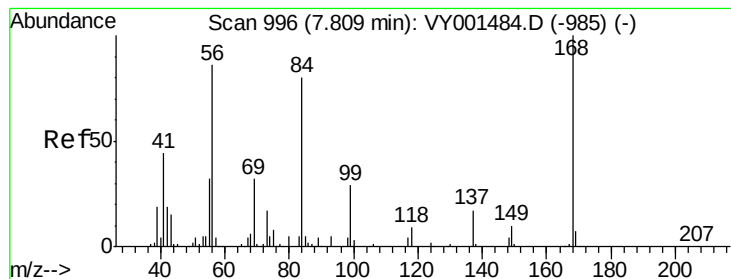
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001629.D

Acq: 13 Feb 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

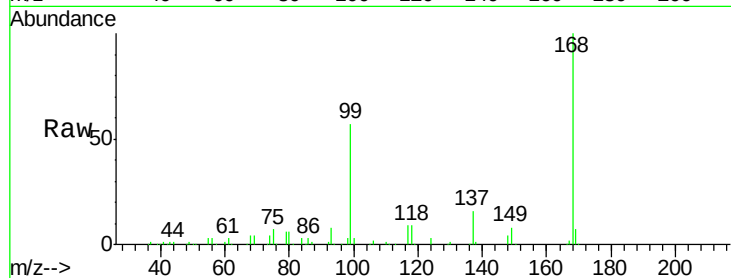
SB-1A-(7.5-9.5)

Tot Ion:168 Resp: 73651

Ion Ratio Lower Upper

168 100

99 57.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001629.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001629.D (-947) (-)

7.82

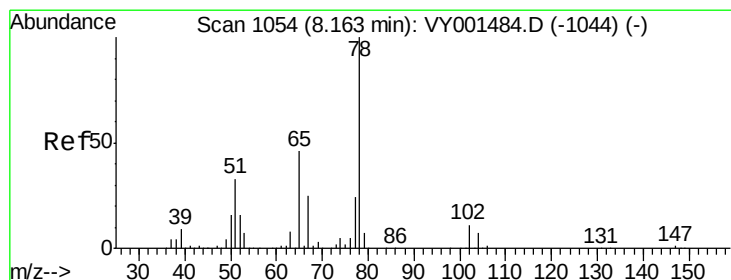
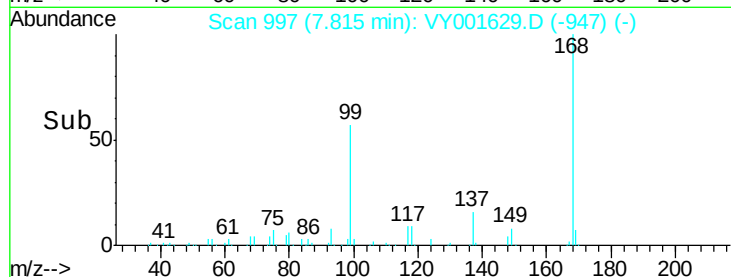
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 36.426 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001629.D

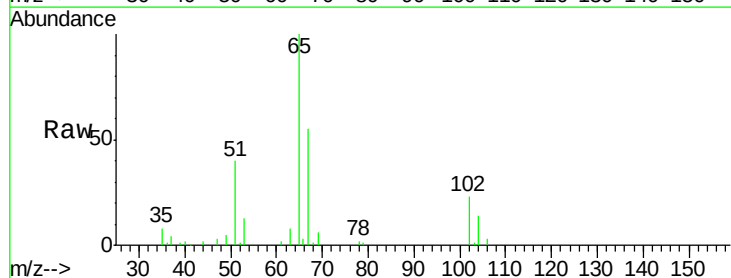
Acq: 13 Feb 2020 16:29

Tgt Ion: 65 Resp: 27012

Ion Ratio Lower Upper

65 100

67 57.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001629.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001629.D (-1005) (-)

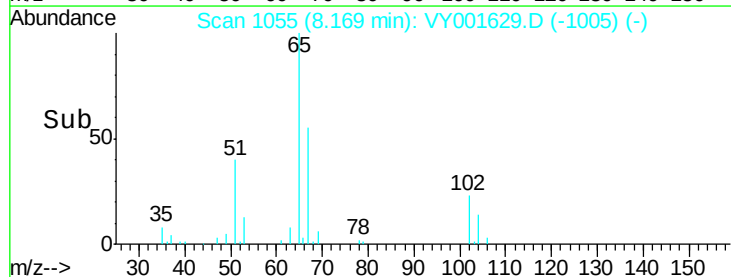
8.17

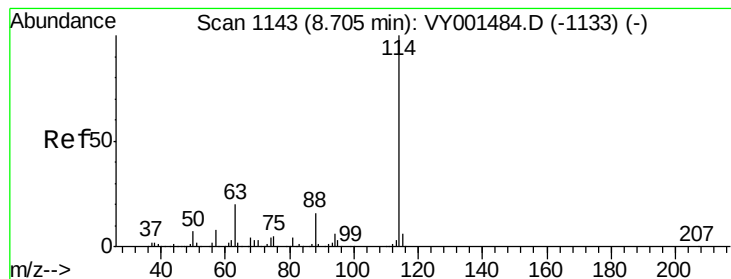
10000

5000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001629.D

Acq: 13 Feb 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1A-(7.5-9.5)

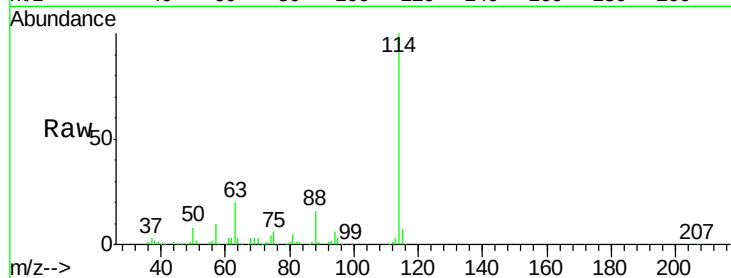
Tot Ion:114 Resp: 108109

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

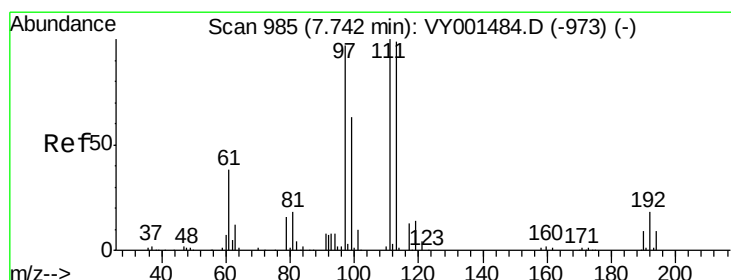
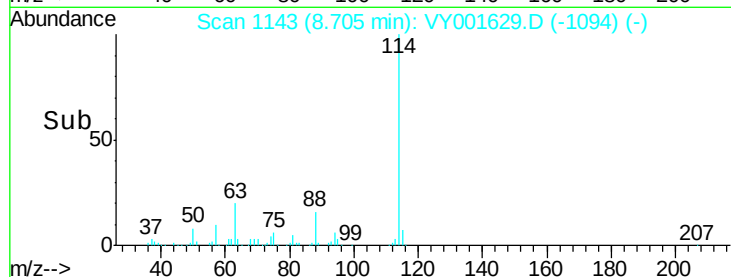
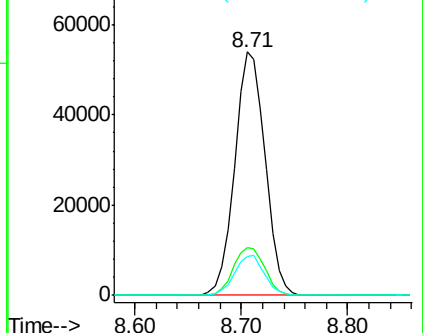
88 15.9 0.0 32.6



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: 44.913 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001629.D

Acq: 13 Feb 2020 16:29

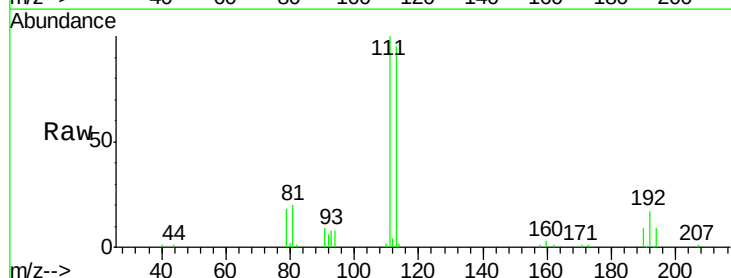
Tgt Ion:113 Resp: 27999

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

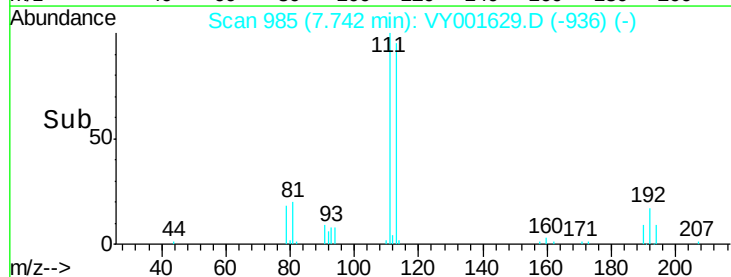
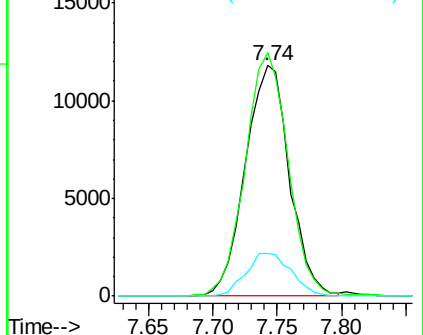
192 19.2 14.6 22.0

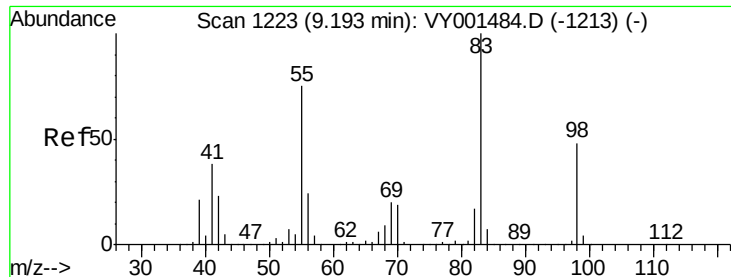


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

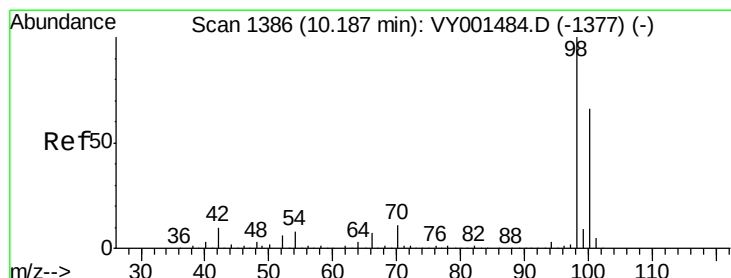
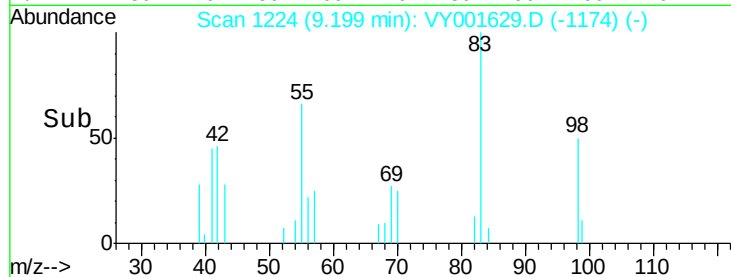
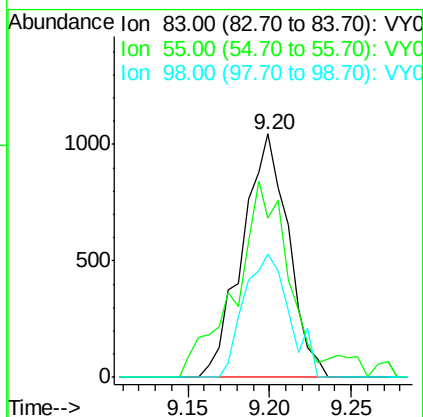
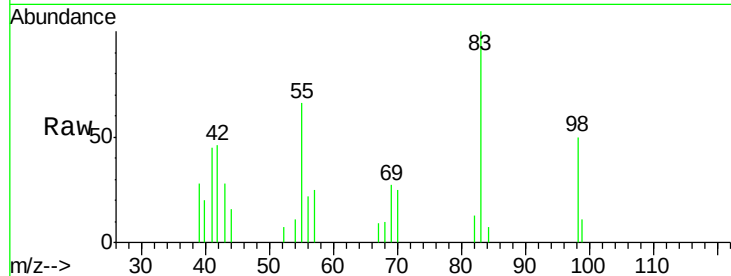




#39
Methylvlcyclohexane
Concen: 1.581 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001629.D
Acq: 13 Feb 2020 16:29

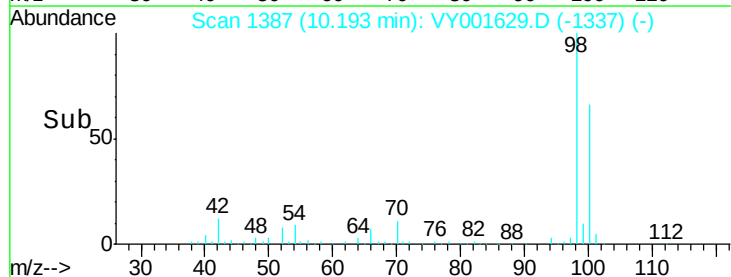
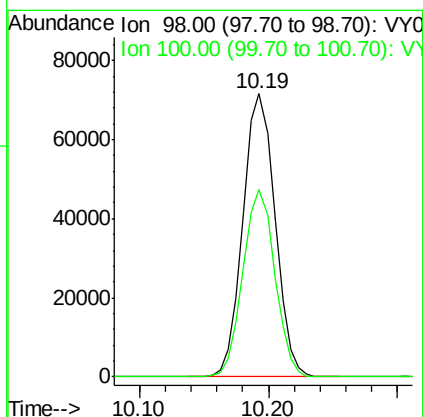
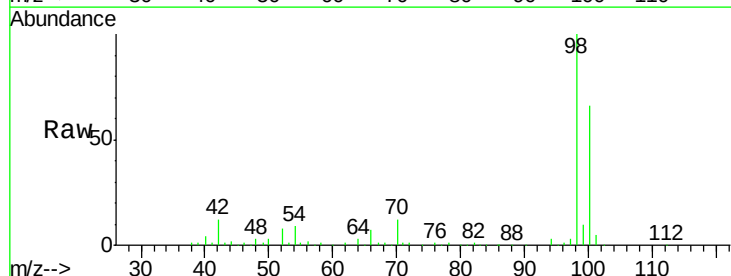
Instrument :
MSVOA_Y
ClientSampleId :
SB-1A-(7.5-9.5)

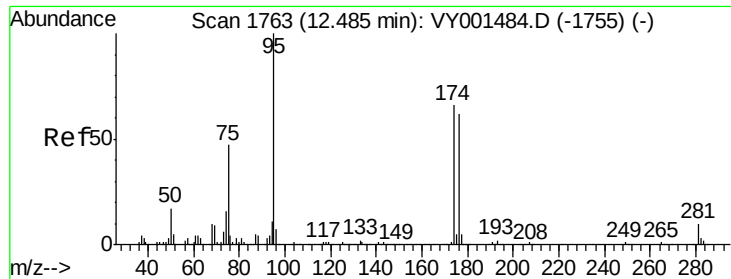
Tot Ion: 83 Resp: 2059
Ion Ratio Lower Upper
83 100
55 57.1 59.8 89.6#
98 50.5 38.6 57.8



#50
Toluene-d8
Concen: 52.359 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001629.D
Acq: 13 Feb 2020 16:29

Tgt Ion: 98 Resp: 123496
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

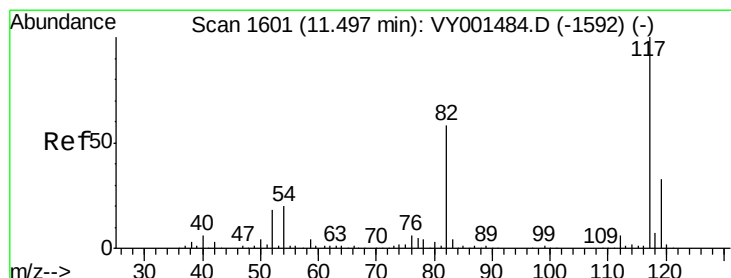
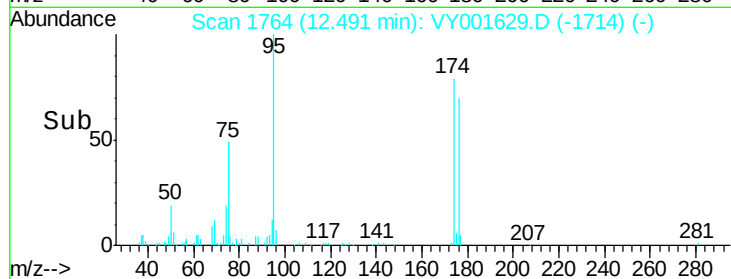
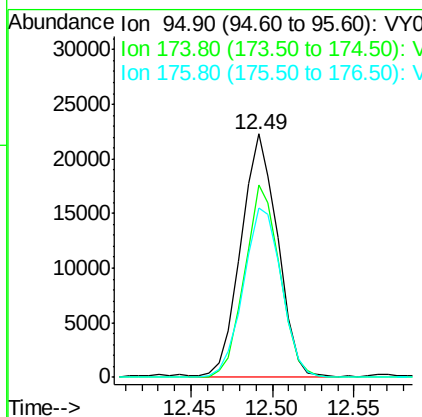
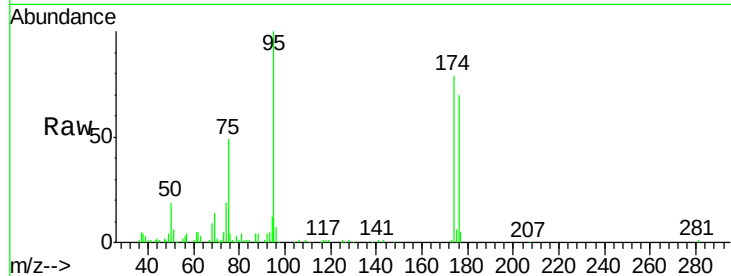




#62
4-Bromofluorobenzene
Concen: 37.243 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001629.D
Acq: 13 Feb 2020 16:29

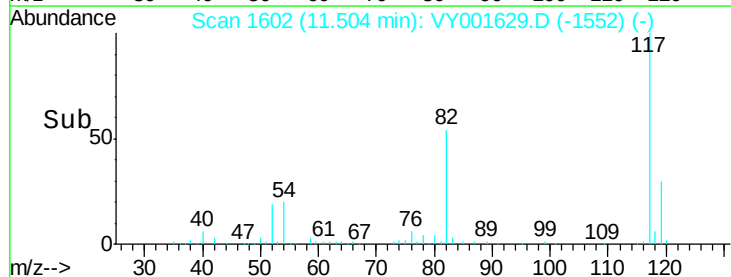
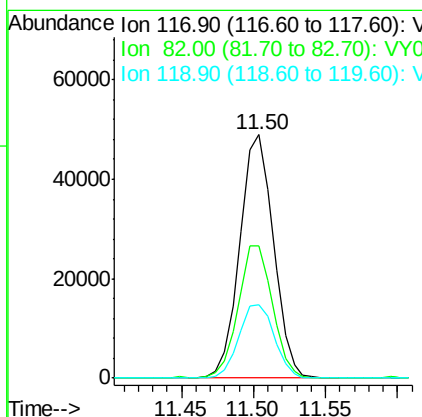
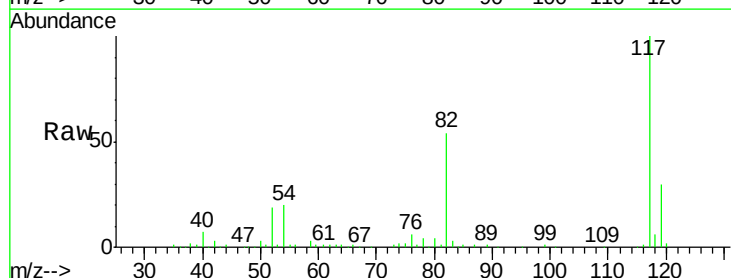
Instrument :
MSVOA_Y
ClientSampleId :
SB-1A-(7.5-9.5)

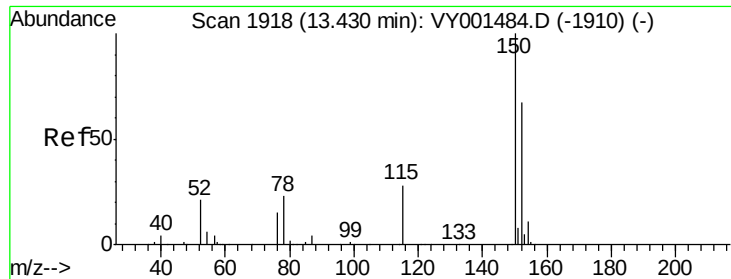
Tot Ion: 95 Resp: 34605
Ion Ratio Lower Upper
95 100
174 76.2 0.0 141.4
176 73.0 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001629.D
Acq: 13 Feb 2020 16:29

Tgt Ion: 117 Resp: 79551
Ion Ratio Lower Upper
117 100
82 54.0 46.1 69.1
119 29.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001629.D

Acq: 13 Feb 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1A-(7.5-9.5)

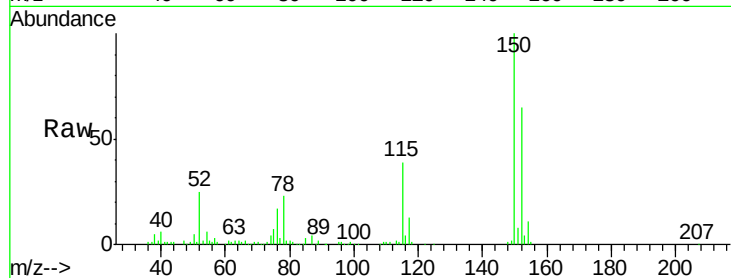
Tot Ion:152 Resp: 33903

Ion Ratio Lower Upper

152 100

115 59.0 31.4 94.3

150 154.4 0.0 346.8



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

