

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002544.D
 Acq On : 04 May 2020 16:25
 Operator : SY/MD
 Sample : L2443-04
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-718-720

Quant Time: May 07 07:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

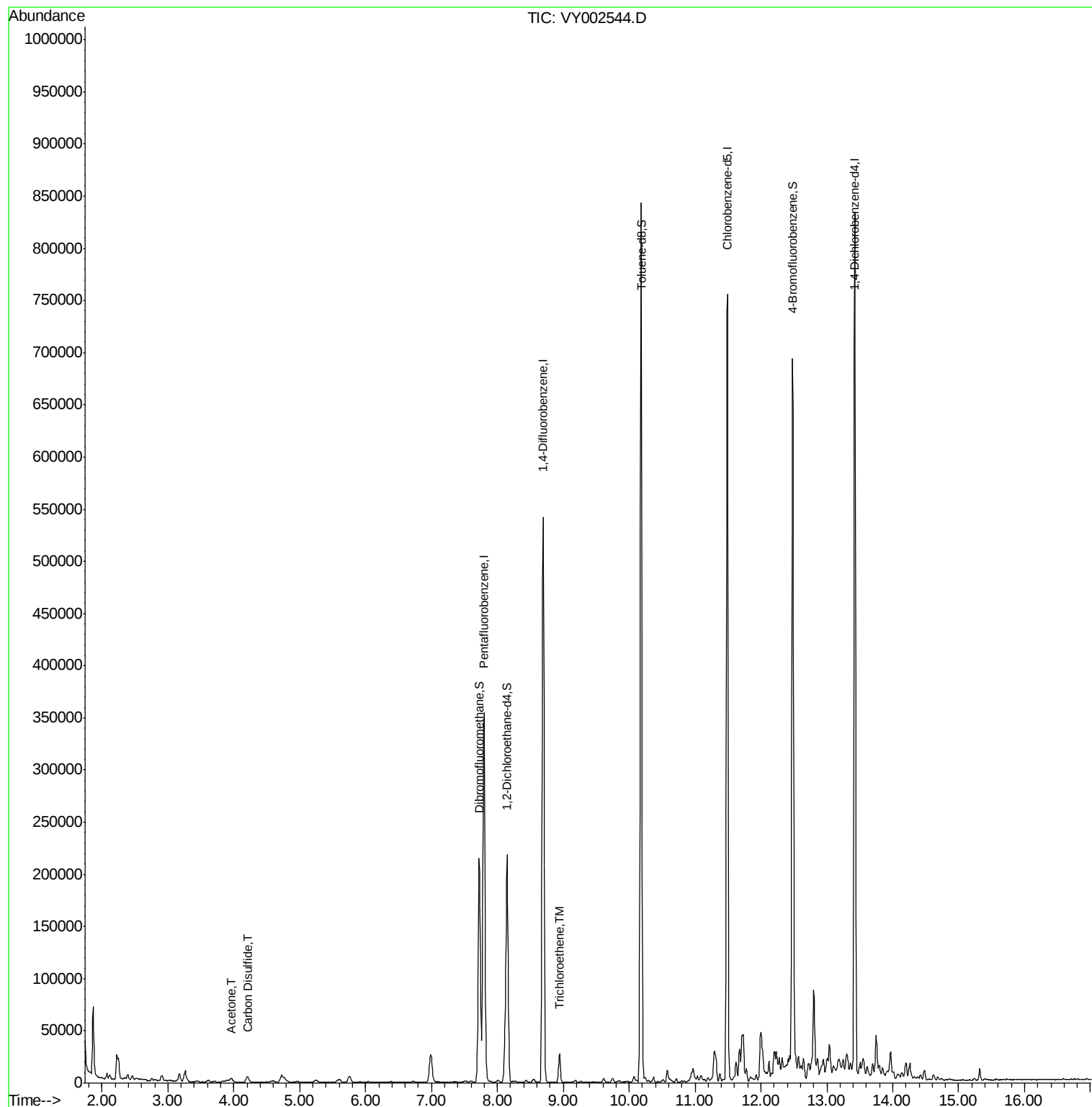
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	298876	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	487270	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	447077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221466	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	156125	62.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.26%	
35) Dibromofluoromethane	7.72	113	151434	54.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.68%	
50) Toluene-d8	10.18	98	572230	52.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	193270	52.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.68%	
Target Compounds						
16) Acetone	3.96	43	6777	13.067	ug/l	100
17) Carbon Disulfide	4.20	76	9080	1.173	ug/l	100
44) Trichloroethene	8.94	130	9830	2.666	ug/l	97

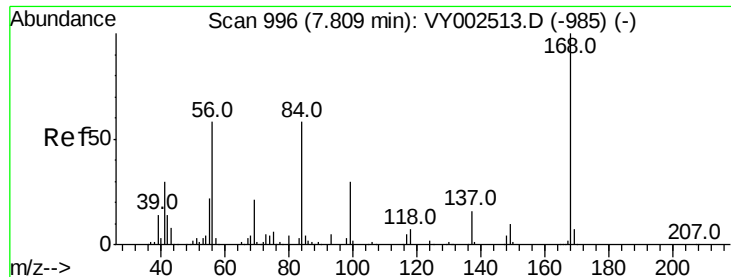
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002544.D

Acq: 04 May 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

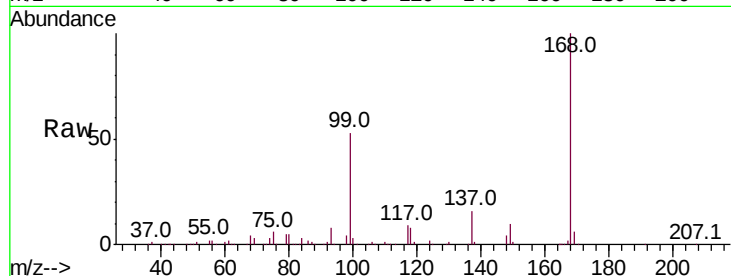
BP-VPB180-GW-718-720

Tot Ion:168 Resp: 298876

Ion Ratio Lower Upper

168 100

99 52.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

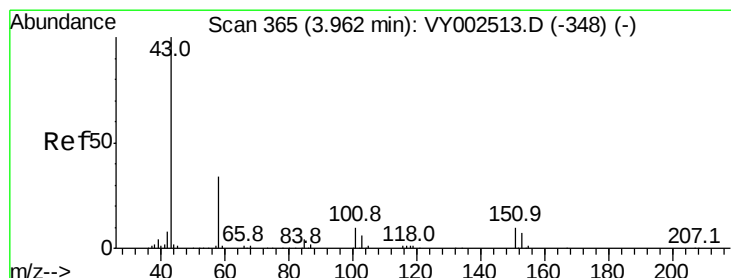
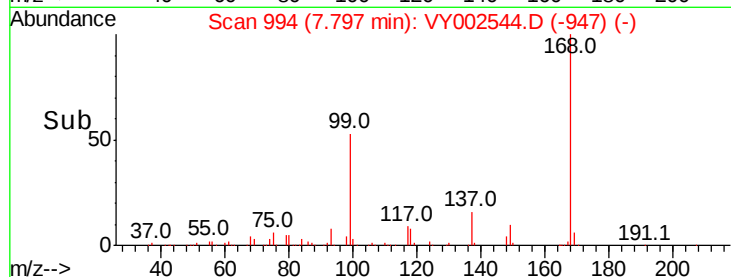
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.067 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002544.D

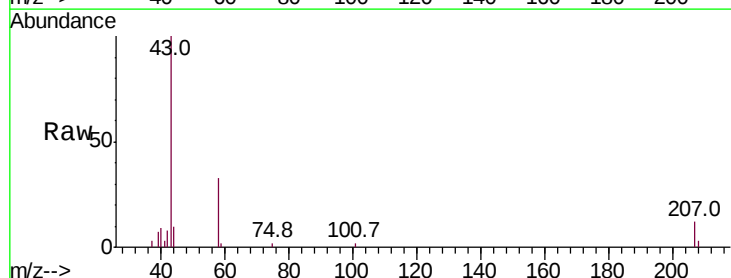
Acq: 04 May 2020 16:25

Tgt Ion: 43 Resp: 6777

Ion Ratio Lower Upper

43 100

58 33.4 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

2500

2000

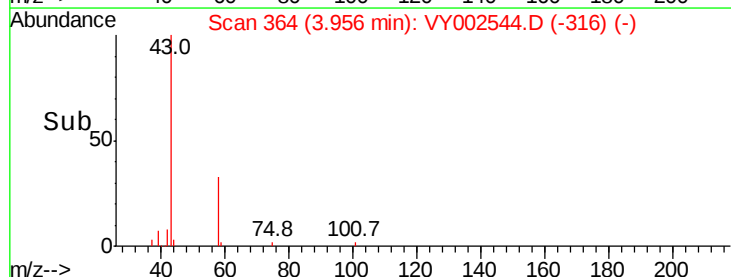
1500

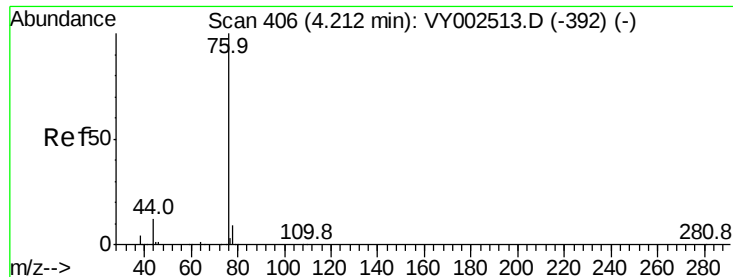
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 1.173 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

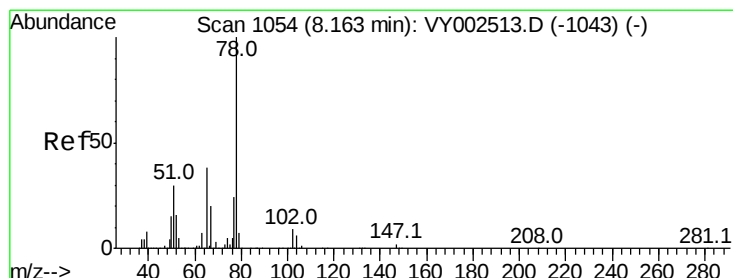
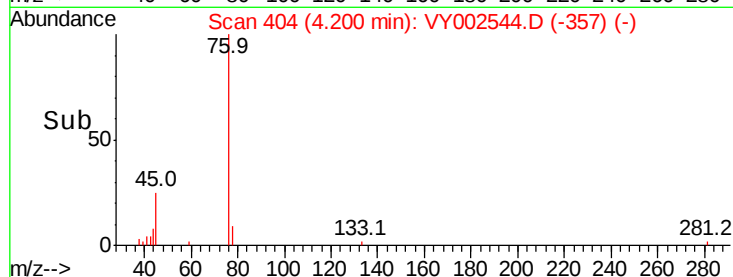
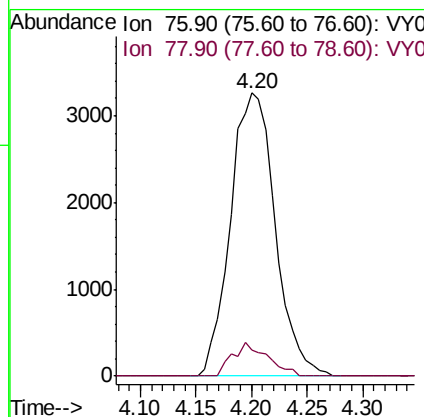
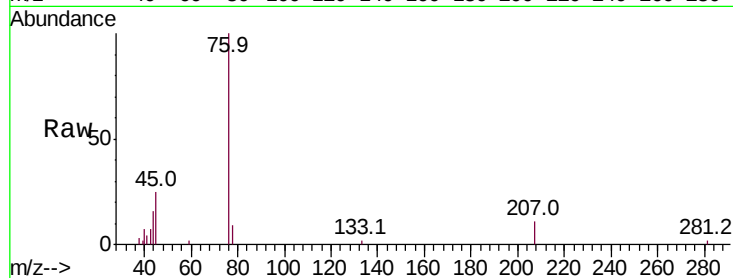
Lab File: VY002544.D

Acq: 04 May 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-718-720

Tot Ion: 76 Resp: 9080

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2



#33

1,2-Dichloroethane-d4

Concen: 62.127 ug/l

RT: 8.14 min Scan# 1051

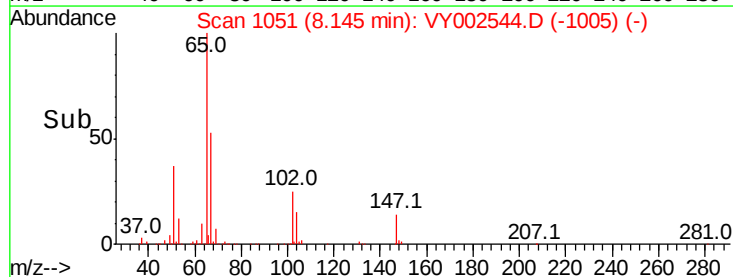
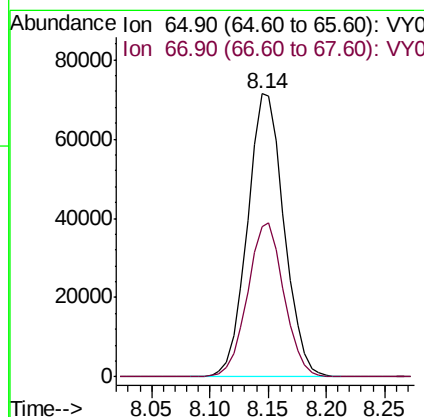
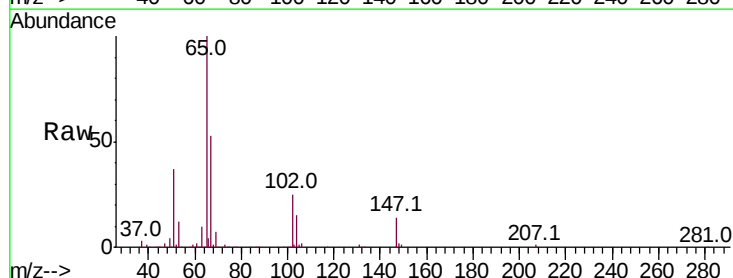
Delta R.T. -0.02 min

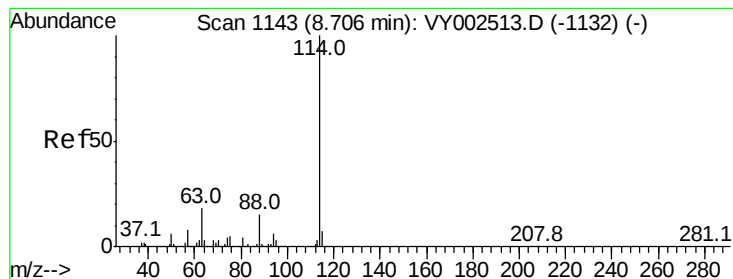
Lab File: VY002544.D

Acq: 04 May 2020 16:25

Tgt Ion: 65 Resp: 156125

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002544.D

Acq: 04 May 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-718-720

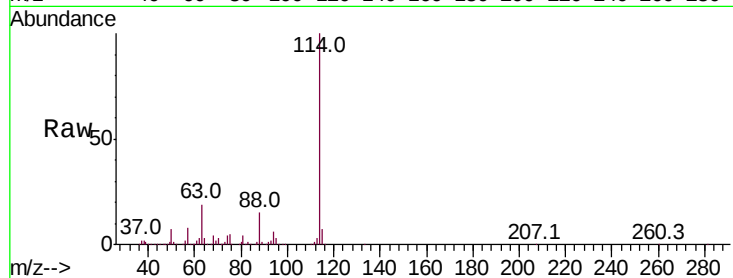
Tot Ion:114 Resp: 487270

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

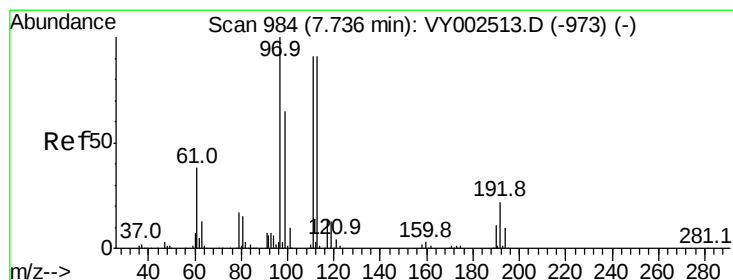
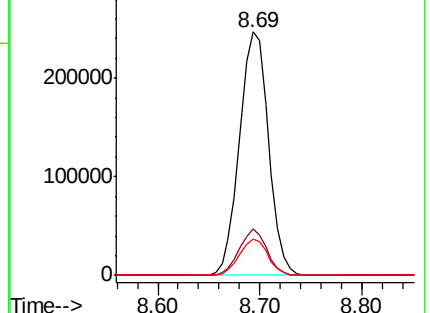
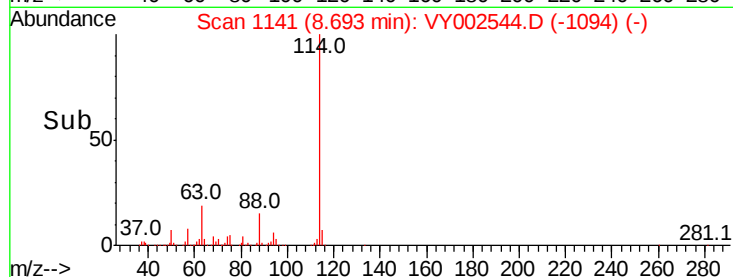
88 14.8 0.0 29.6



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: 54.341 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002544.D

Acq: 04 May 2020 16:25

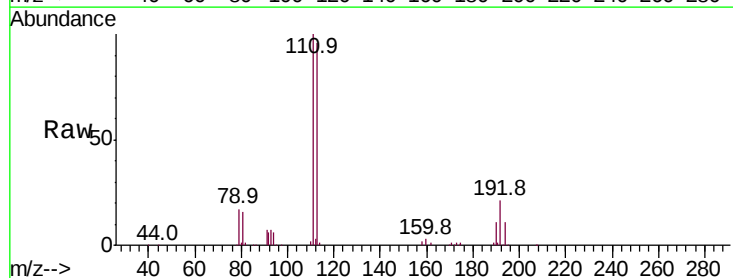
Tgt Ion:113 Resp: 151434

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

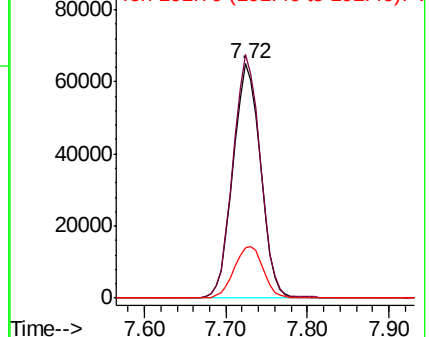
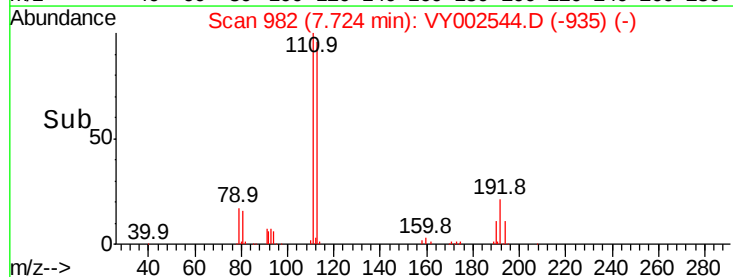
192 23.2 18.2 27.4

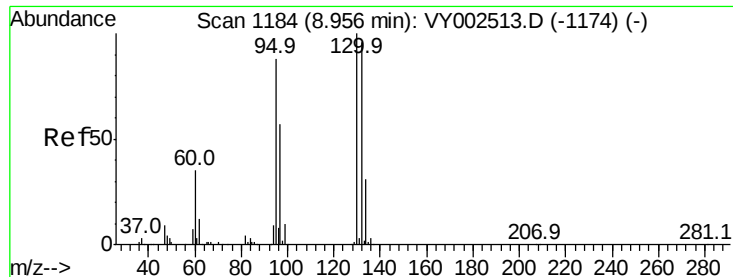


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.666 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002544.D

Acq: 04 May 2020 16:25

Instrument :

MSVOA_Y

ClientSampleId :

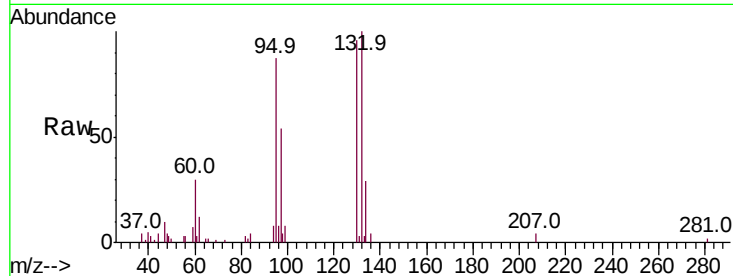
BP-VPB180-GW-718-720

Tot Ion:130 Resp: 9830

Ion Ratio Lower Upper

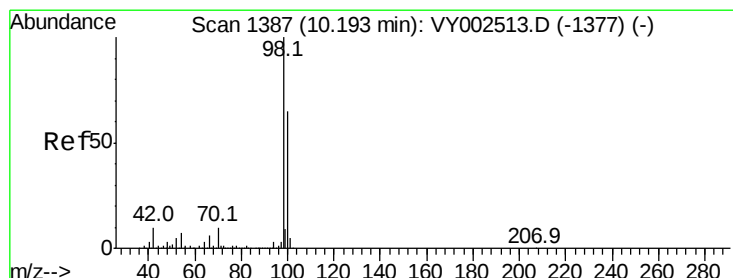
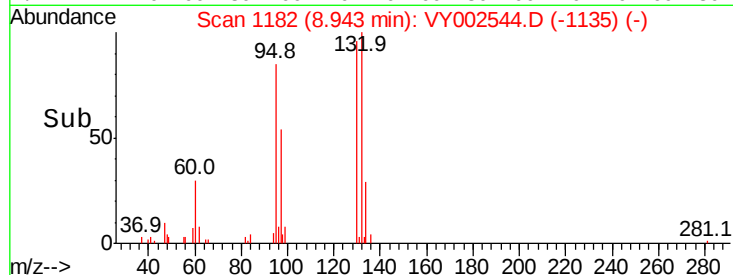
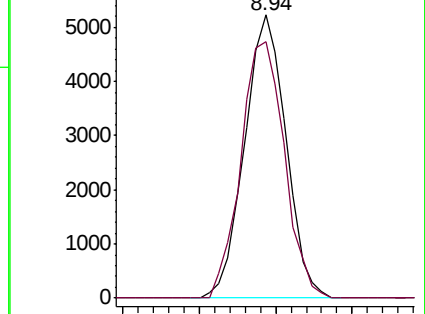
130 100

95 90.5 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0



#50

Toluene-d8

Concen: 52.583 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002544.D

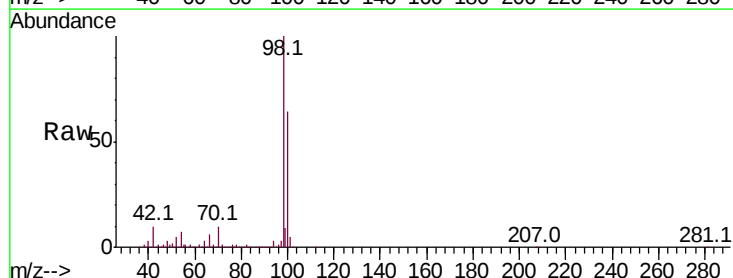
Acq: 04 May 2020 16:25

Tgt Ion: 98 Resp: 572230

Ion Ratio Lower Upper

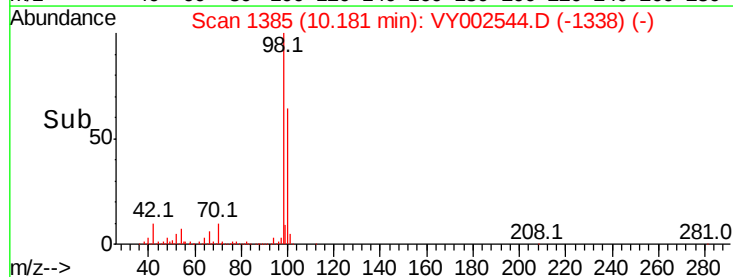
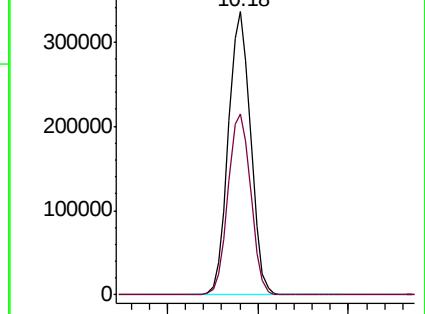
98 100

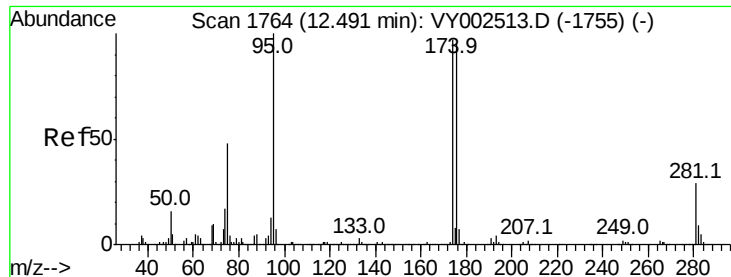
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

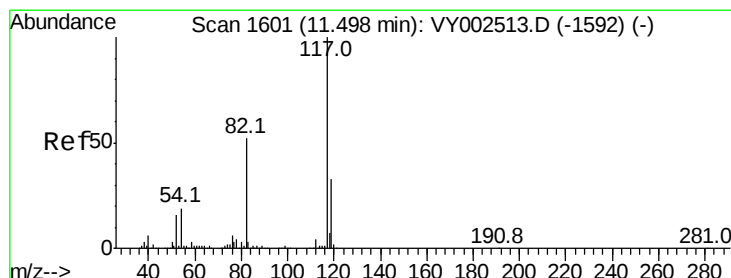
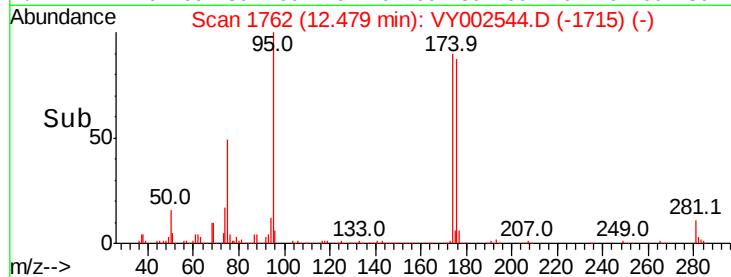
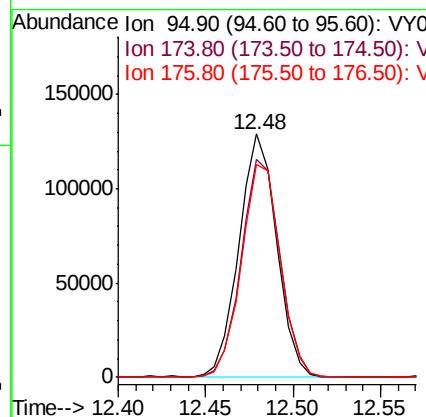
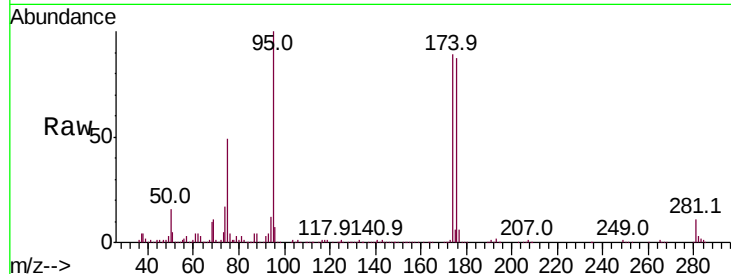




#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002544.D
Acq: 04 May 2020 16:25

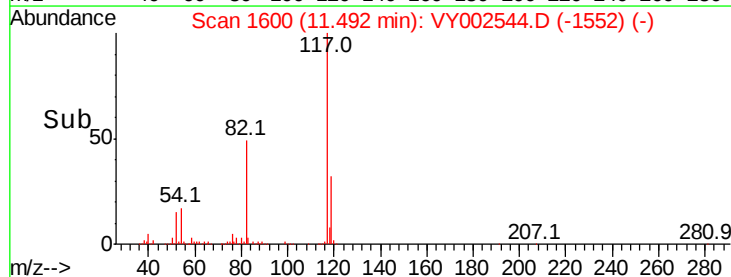
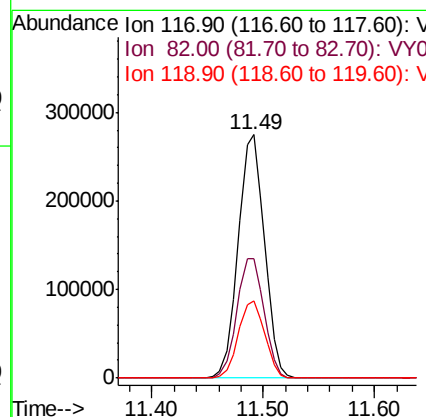
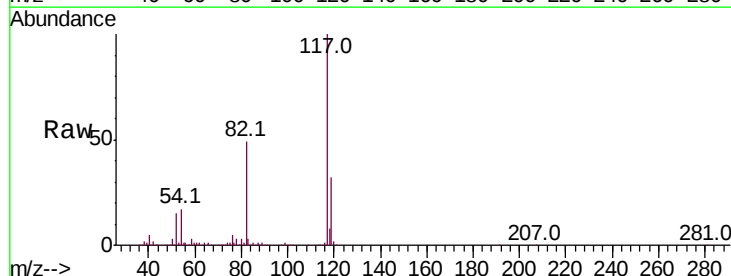
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-718-720

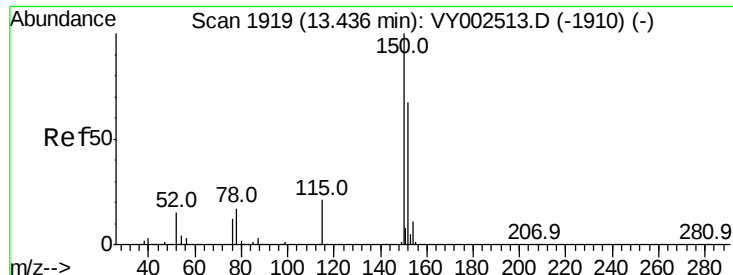
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	188.8
176	90.2	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002544.D
Acq: 04 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.0	41.3	61.9
119	31.7	26.0	39.0





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002544.D
Acq: 04 May 2020 16:25

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-718-720

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.5	82.4
150	155.8	0.0	346.4

