

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002535.D
 Acq On : 04 May 2020 13:04
 Operator : SY/MD
 Sample : L2452-01
 Misc : 6.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11976

Quant Time: May 05 07:37:56 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

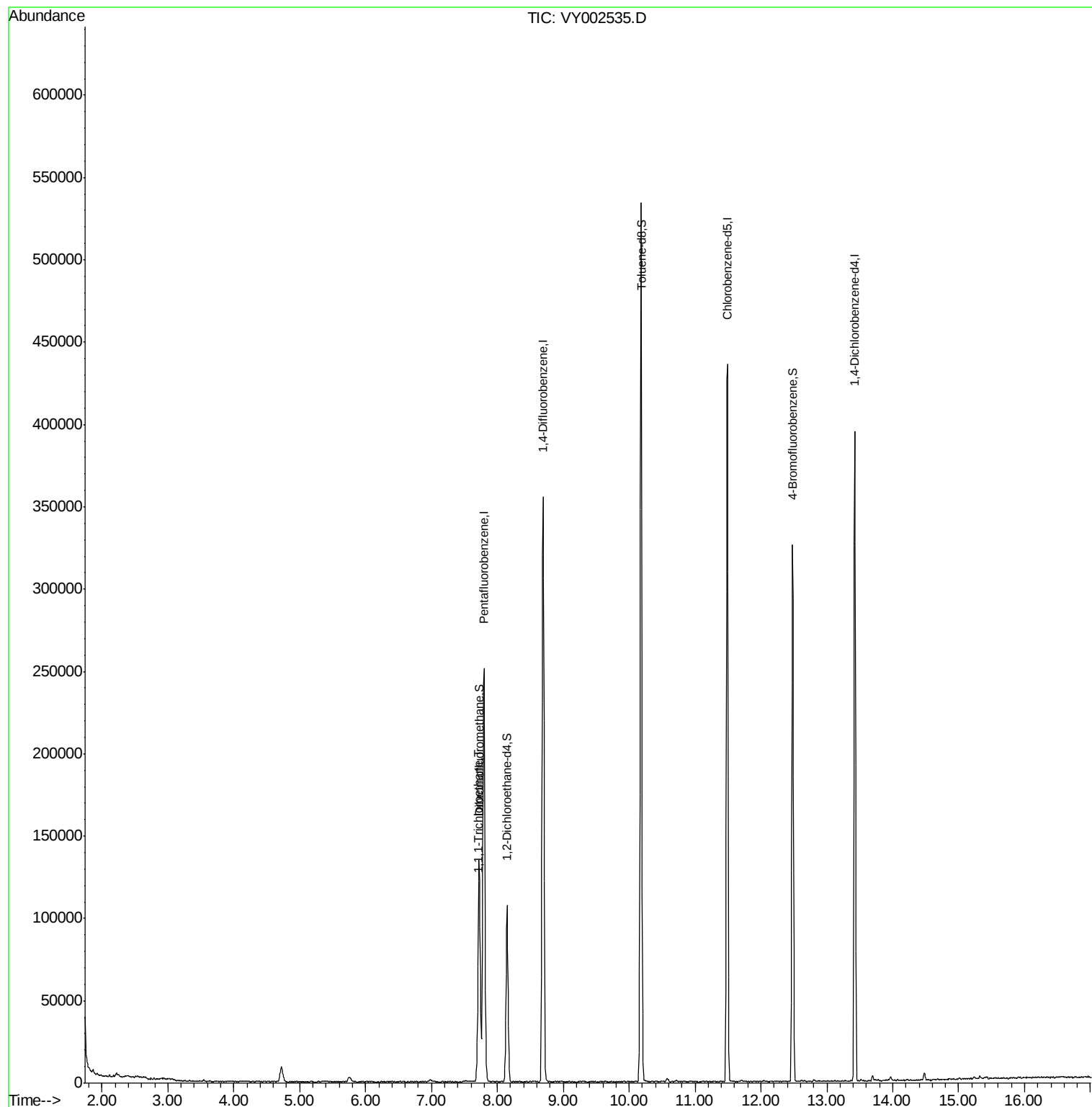
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209607	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	316209	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	253750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	106097	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	81791	46.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	7.72	113	91855	50.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.18	98	361251	51.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.48	95	97565	40.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.42%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.71	97	6017	1.978	ug/l	Qvalue 98

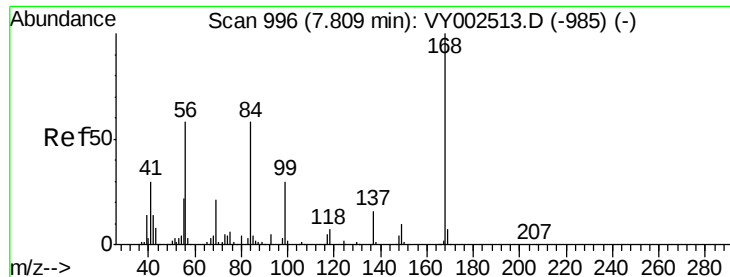
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002535.D

Acq: 04 May 2020 13:04

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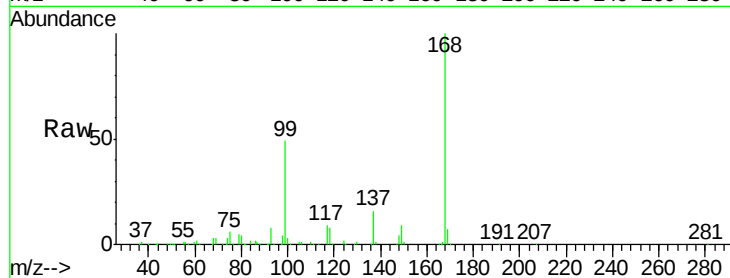
72-11976

Tot Ion:168 Resp: 209607

Ion Ratio Lower Upper

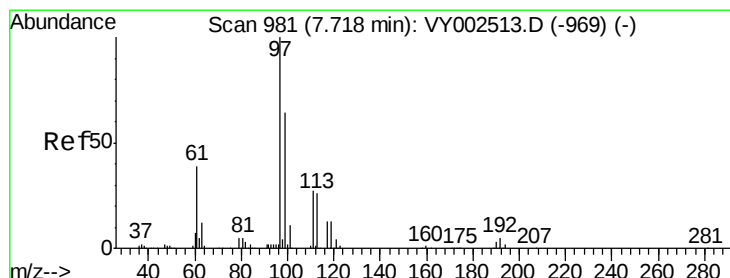
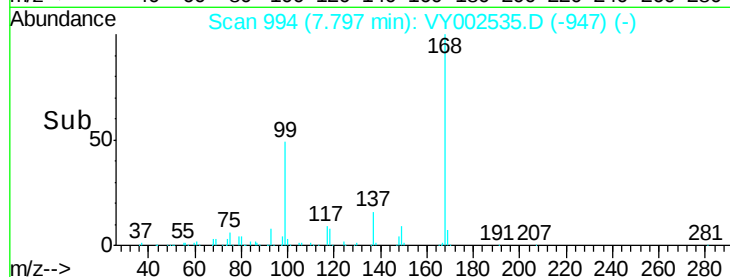
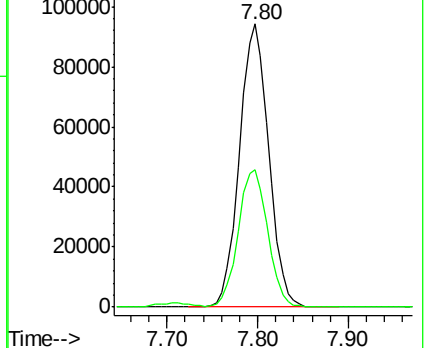
168 100

99 48.6 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) (-)



#32

1,1,1-Trichloroethane

Concen: 1.978 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002535.D

Acq: 04 May 2020 13:04

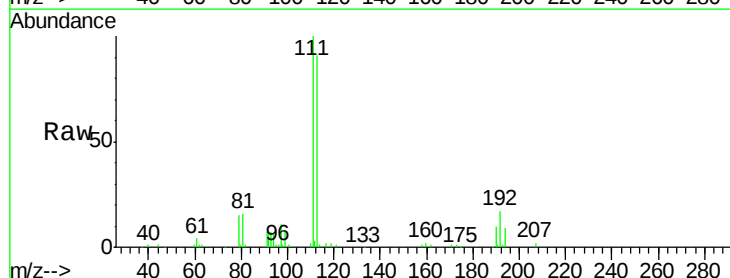
Tgt Ion: 97 Resp: 6017

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

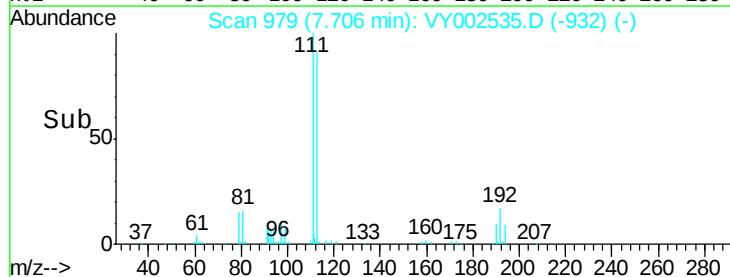
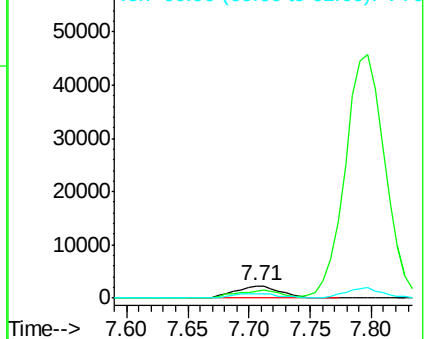
61 40.0 31.0 46.6

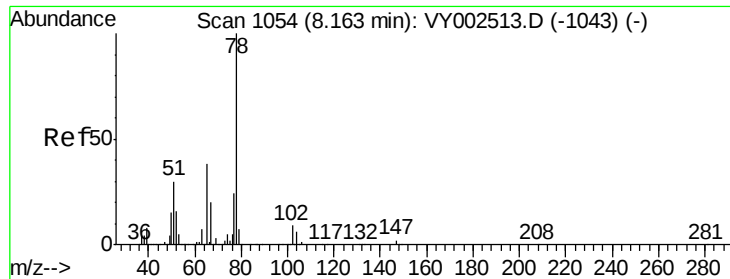


Abundance Ion 96.90 (96.60 to 97.60): VY002513.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-969) (-)

Ion 60.90 (60.60 to 61.60): VY002513.D (-969) (-)

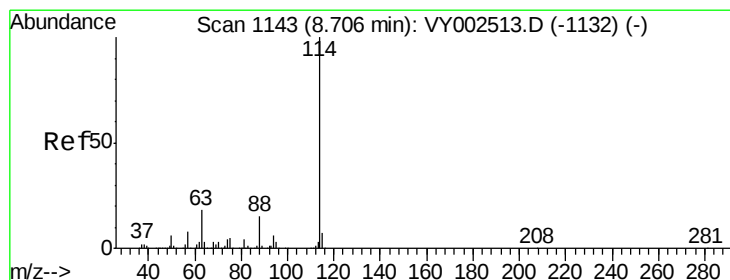
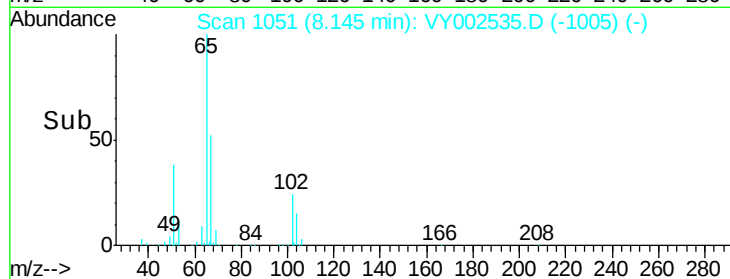
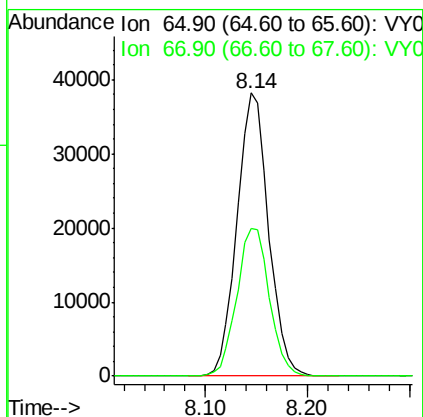
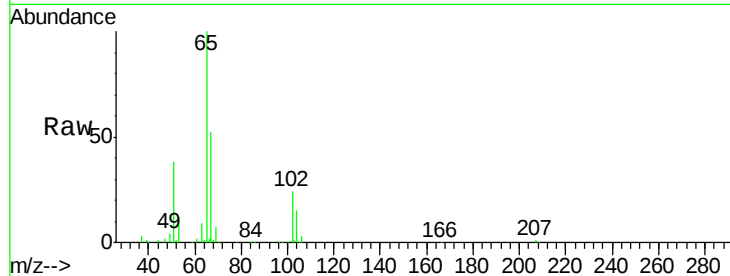




#33
 1,2-Dichloroethane-d4
 Concen: 46.409 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002535.D
 Acq: 04 May 2020 13:04

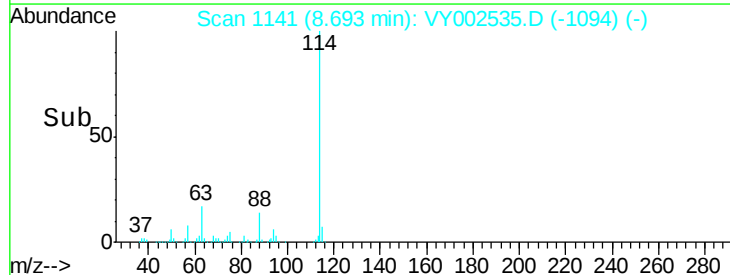
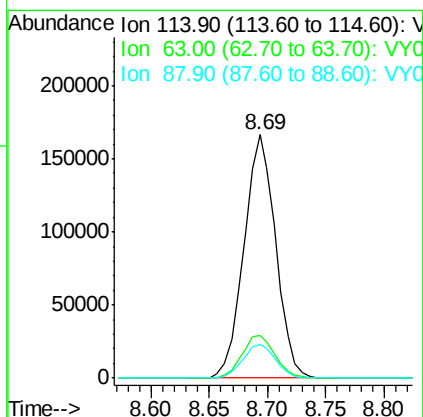
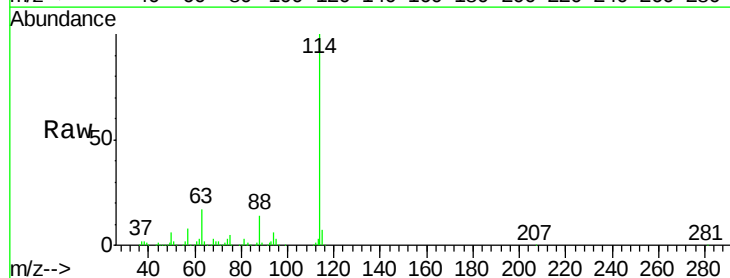
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11976

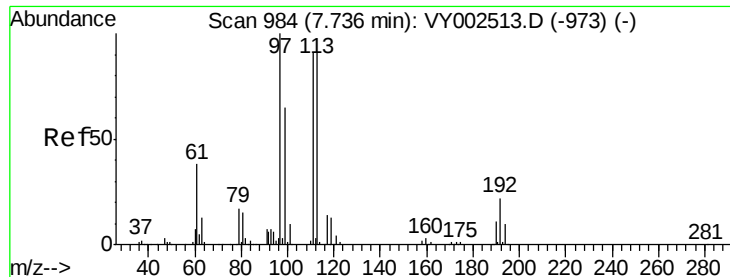
Tot Ion: 65 Resp: 81791
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002535.D
 Acq: 04 May 2020 13:04

Tgt Ion: 114 Resp: 316209
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 13.8 0.0 29.6

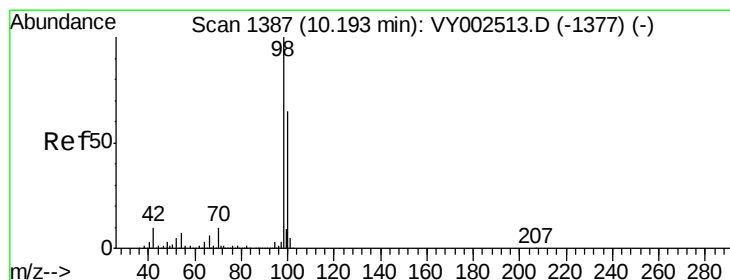
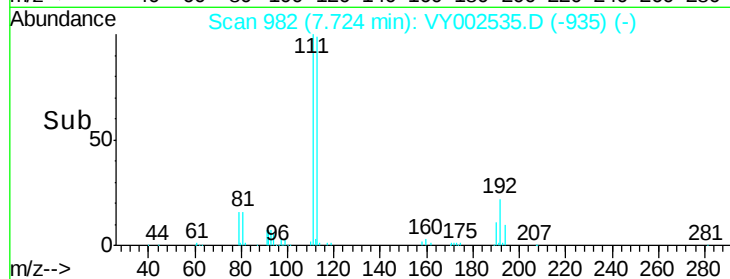
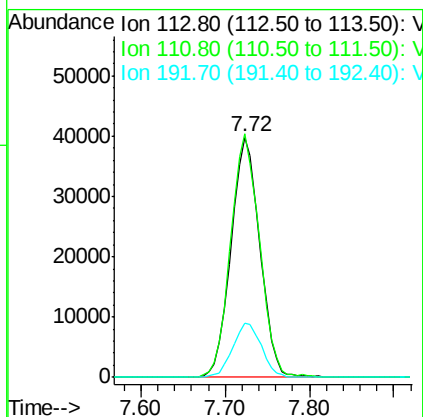
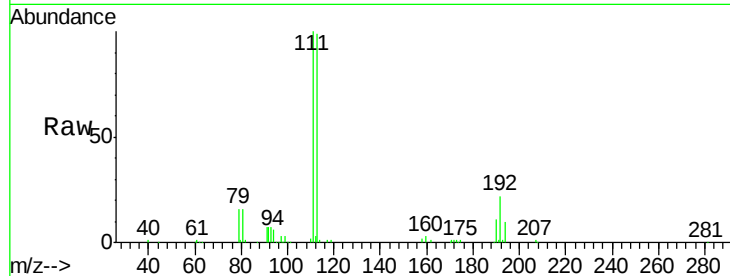




#35
 Dibromofluoromethane
 Concen: 50.793 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002535.D
 Acq: 04 May 2020 13:04

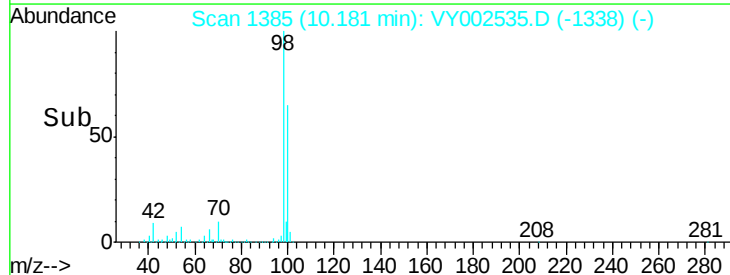
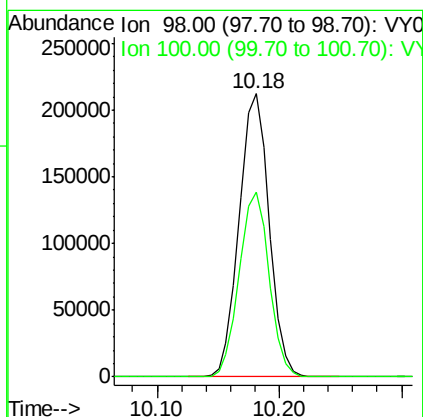
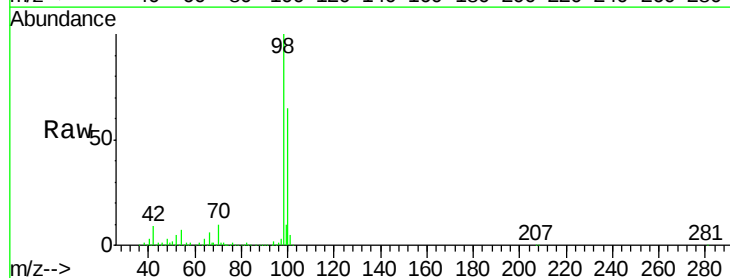
Instrument :
 MSVOA_Y
 ClientSampled :
 72-11976

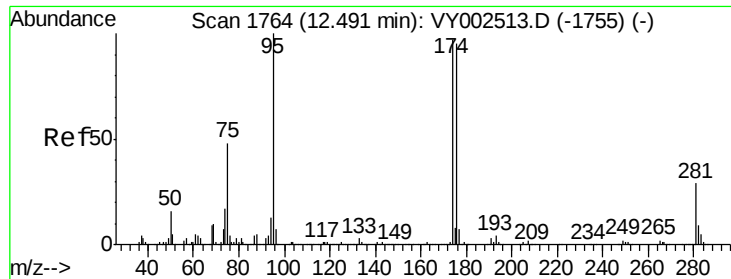
Tot Ion:113 Resp: 91855
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 22.4 18.2 27.4



#50
 Toluene-d8
 Concen: 51.153 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002535.D
 Acq: 04 May 2020 13:04

Tgt Ion: 98 Resp: 361251
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.2

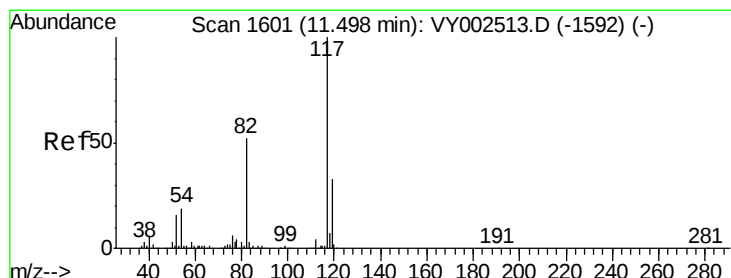
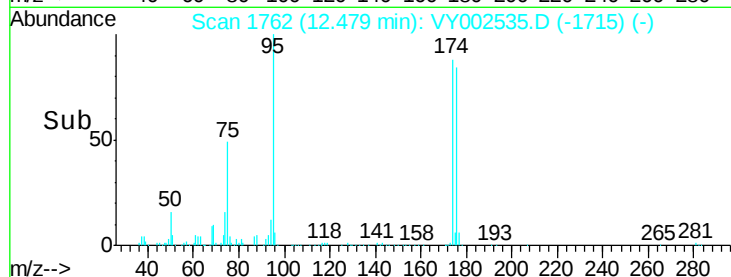
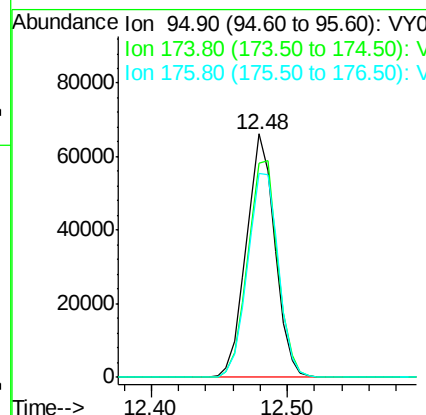
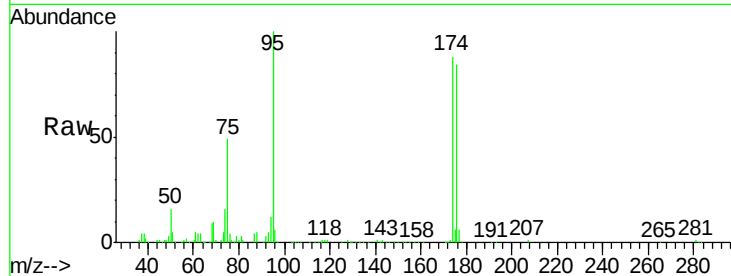




#62
4-Bromofluorobenzene
Concen: 40.714 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002535.D
Acq: 04 May 2020 13:04

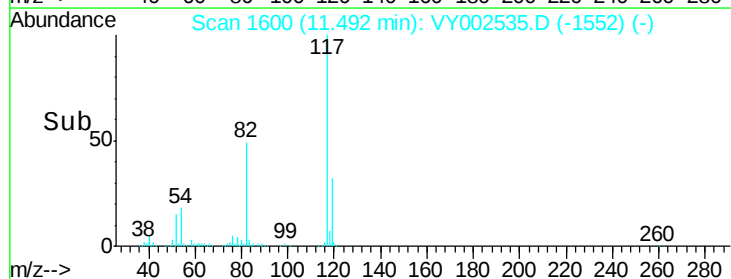
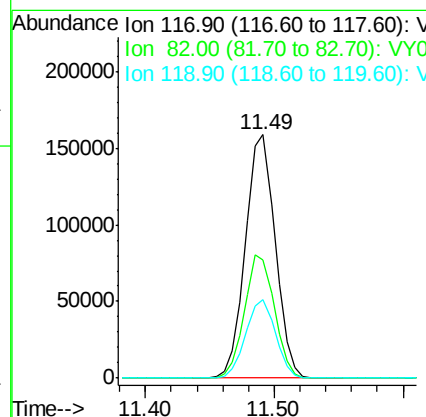
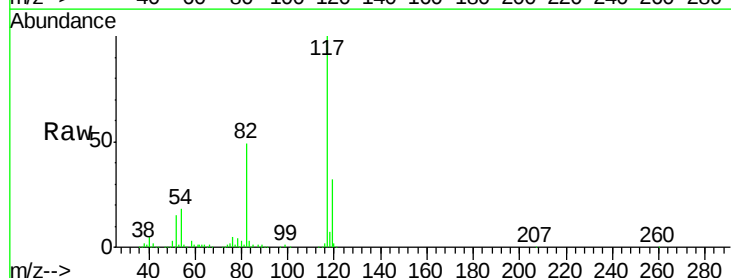
Instrument :
MSVOA_Y
ClientSampleId :
72-11976

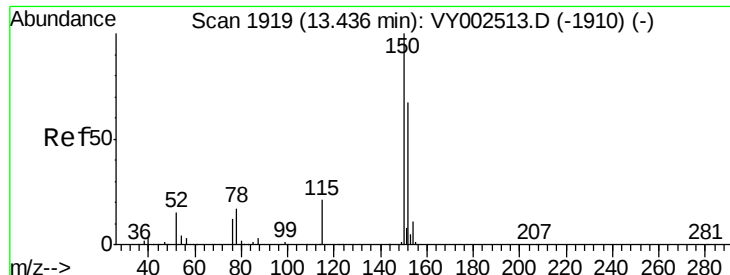
Tot Ion	95	Resp	97565
Ion Ratio	Lower	Upper	
95	100		
174	93.7	0.0	188.8
176	90.2	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002535.D
Acq: 04 May 2020 13:04

Tgt Ion	117	Resp	253750
Ion Ratio	Lower	Upper	
117	100		
82	48.8	41.3	61.9
119	32.5	26.0	39.0



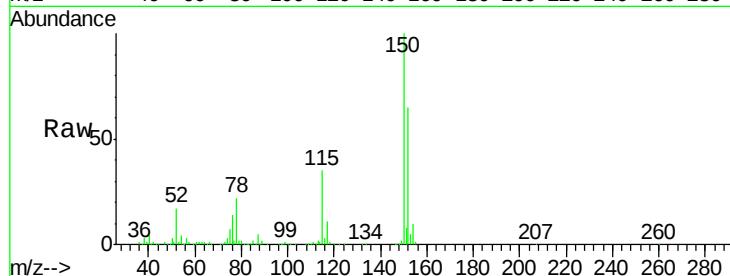


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002535.D
 Acq: 04 May 2020 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.5	82.4
150	155.3	0.0	346.4



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

