

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003328.D
 Acq On : 23 Jul 2020 19:58
 Operator : SY/MD
 Sample : L3382-21
 Misc : 8.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-024

Quant Time: Jul 24 06:31:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

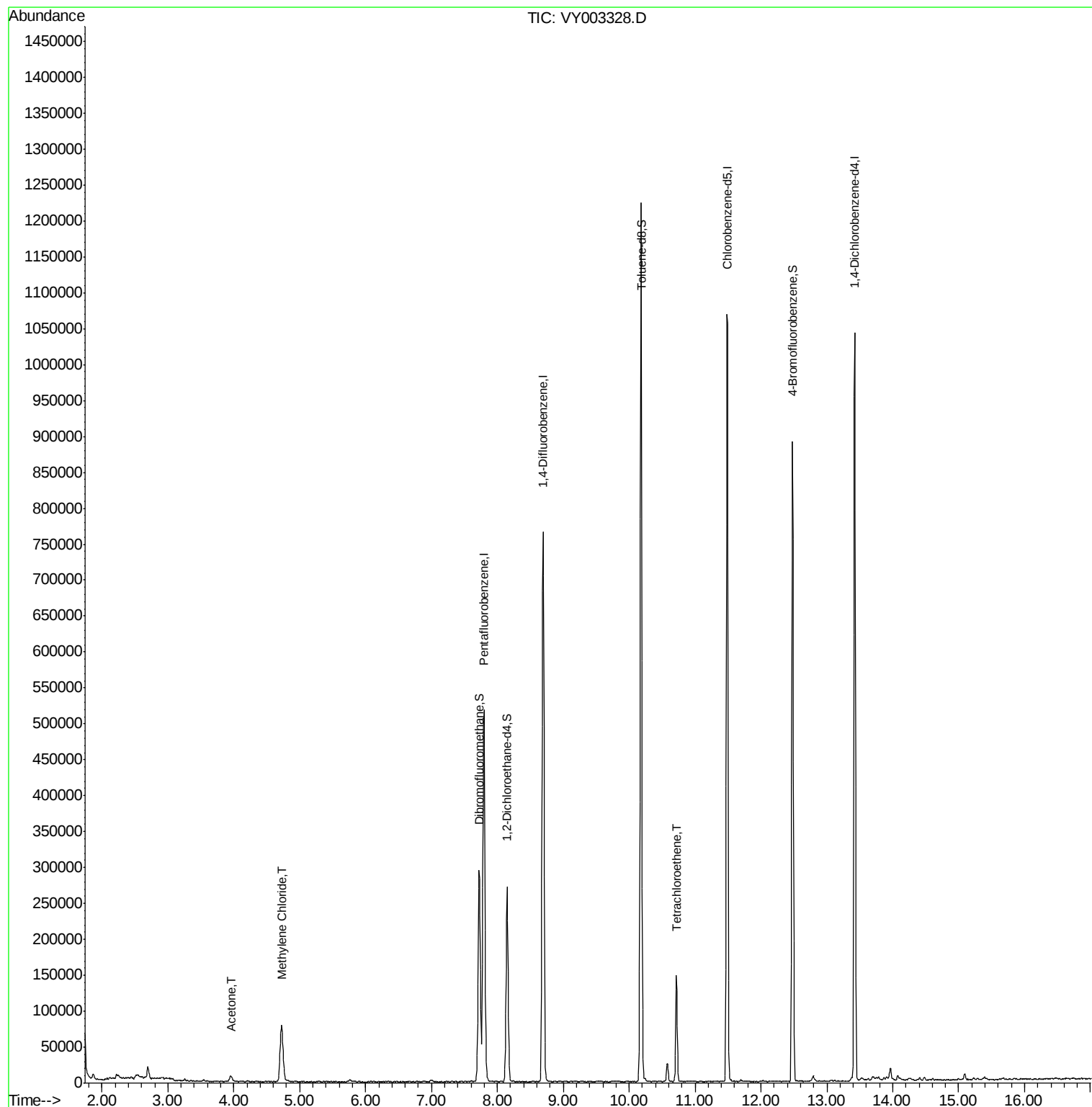
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	430744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	668810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	601513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	211107	58.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.14%	
35) Dibromofluoromethane	7.72	113	208322	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	10.18	98	812383	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
62) 4-Bromofluorobenzene	12.48	95	252501	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
16) Acetone	3.96	43	13304	16.382	ug/l	92
20) Methylene Chloride	4.73	84	63520	11.292	ug/l	94
64) Tetrachloroethene	10.72	164	34061	6.351	ug/l	95

(#) = 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. 0.00 min

Lab File: VY003328.D

Acq: 23 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampled :

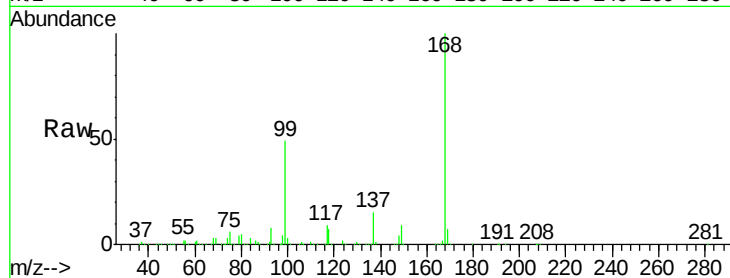
CTR-024

Tot Ion:168 Resp: 430744

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003328.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003328.D (-945) (-)

7.80

200000

150000

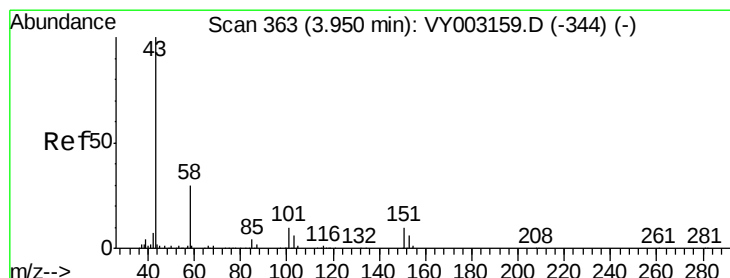
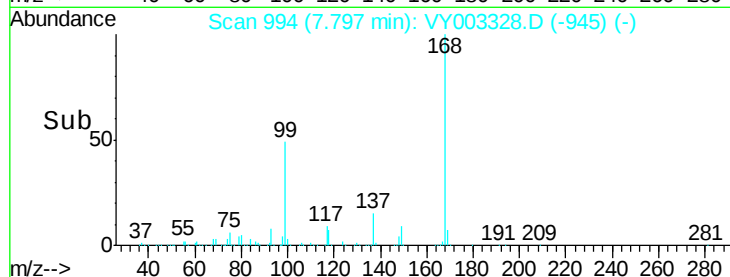
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 16.382 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003328.D

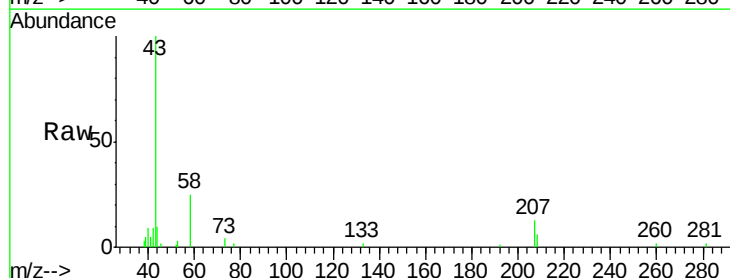
Acq: 23 Jul 2020 19:58

Tgt Ion: 43 Resp: 13304

Ion Ratio Lower Upper

43 100

58 25.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003328.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003328.D (-314) (-)

3.96

5000

4000

3000

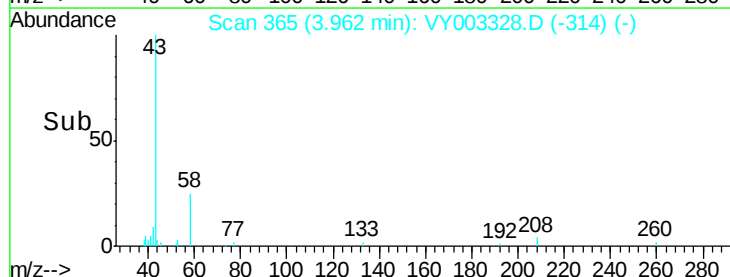
2000

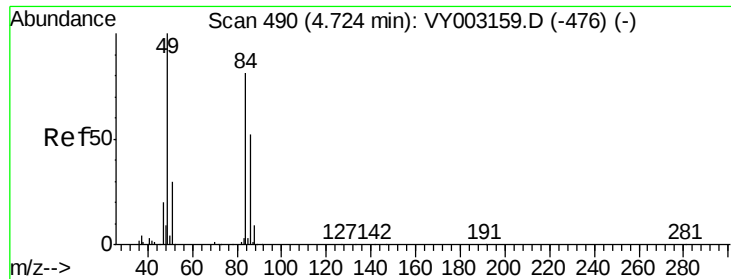
1000

0

3.90 4.00

Time-->

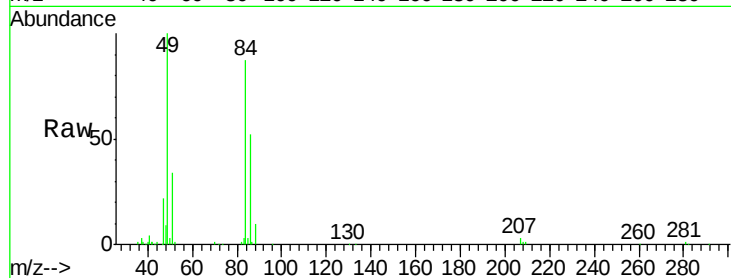




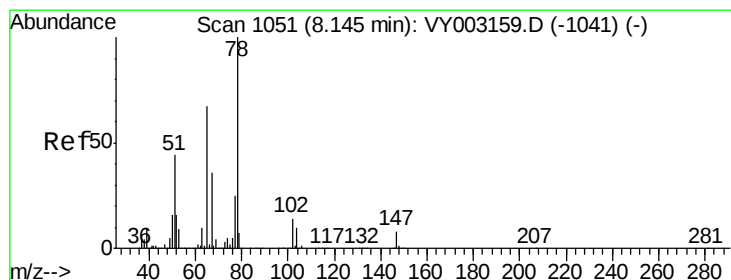
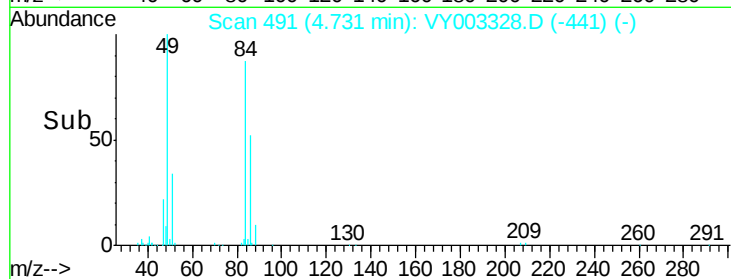
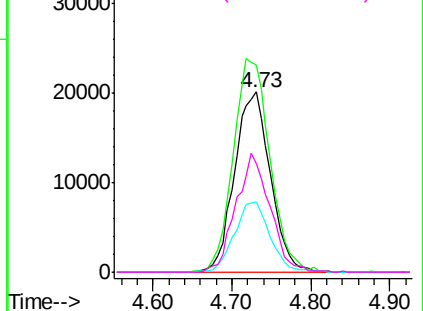
#20
Methvlene Chloride
Concen: 11.292 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003328.D
Acq: 23 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
CTR-024

Tot Ion: 84 Resp: 63520
Ion Ratio Lower Upper
84 100
49 115.3 98.2 147.4
51 39.4 29.8 44.6
86 60.2 51.2 76.8

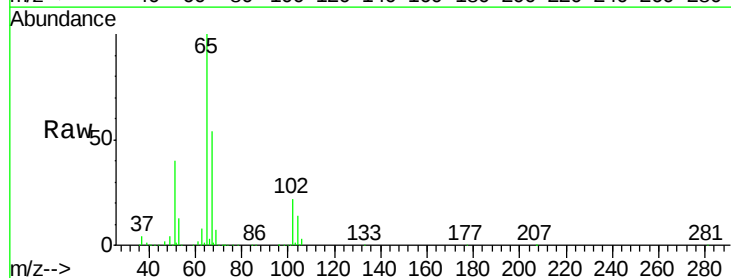


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

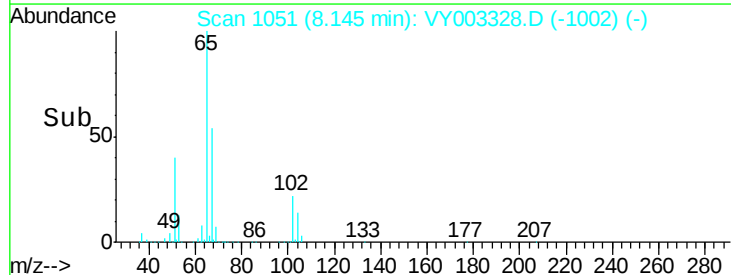
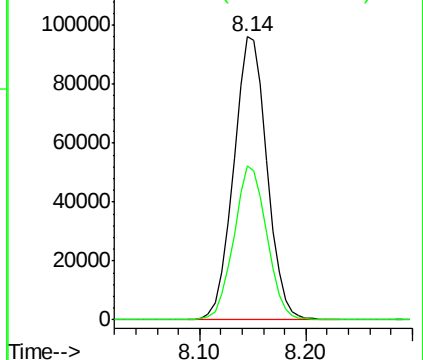


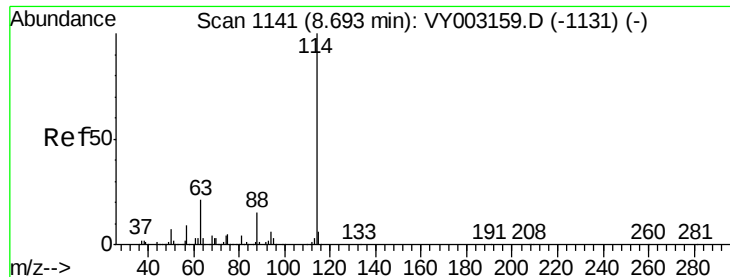
#33
1,2-Dichloroethane-d4
Concen: 58.066 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003328.D
Acq: 23 Jul 2020 19:58

Tgt Ion: 65 Resp: 211107
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

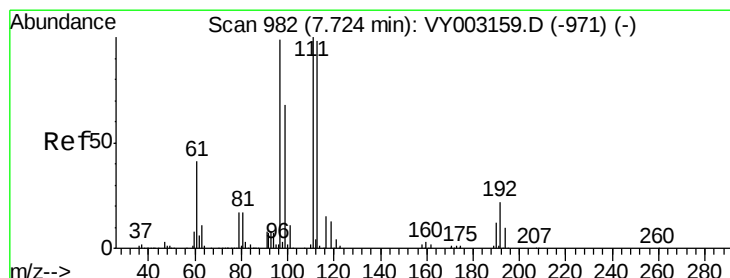
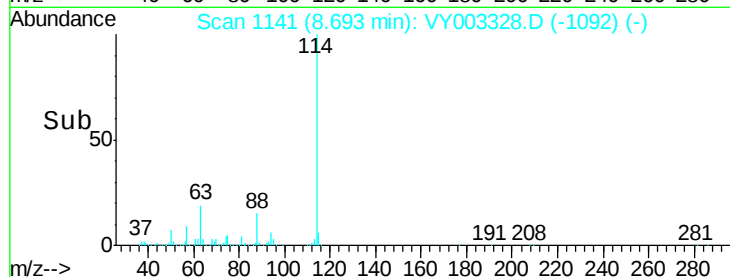
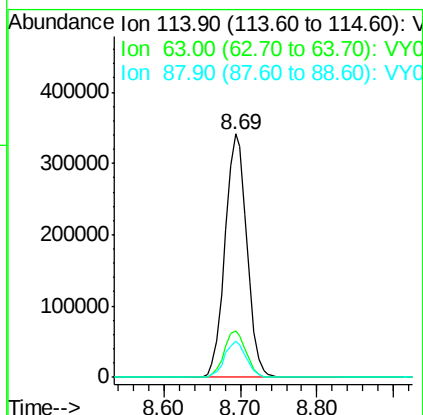
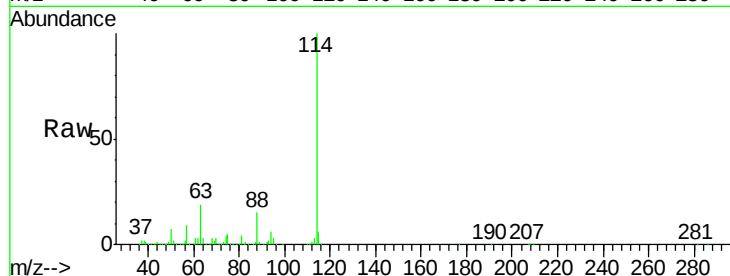




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003328.D
 Acq: 23 Jul 2020 19:58

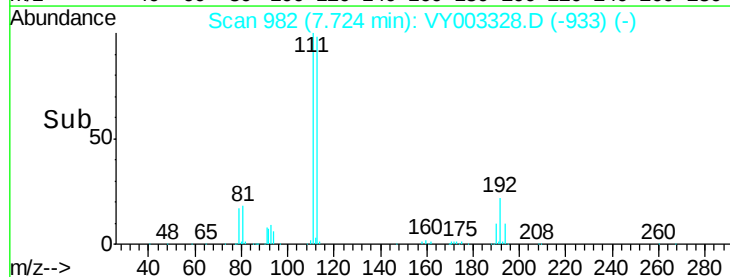
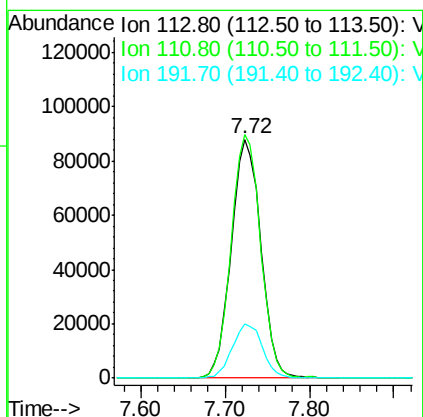
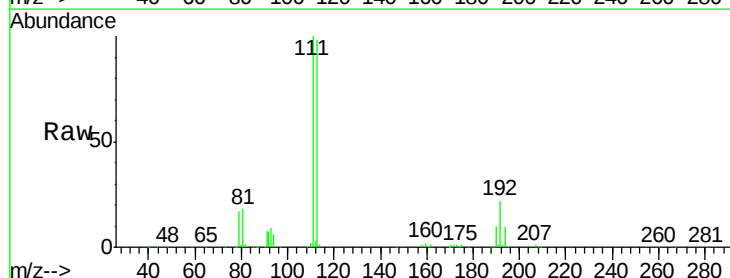
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-024

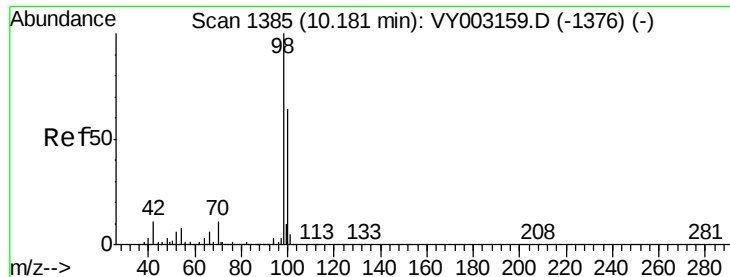
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.2
88	14.8	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.126 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003328.D
 Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.1	123.1
192	23.1	18.8	28.2





#50

Toluene-d8

Concen: 56.773 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003328.D

Acq: 23 Jul 2020 19:58

Instrument :

MSVOA_Y

ClientSampled :

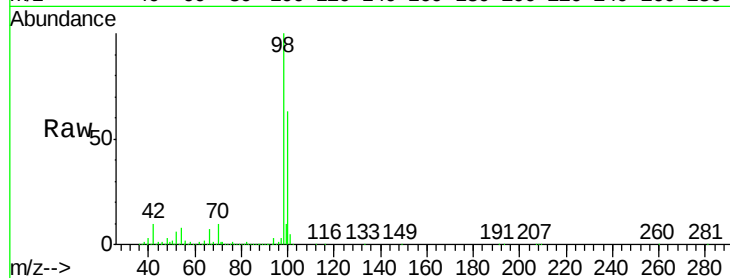
CTR-024

Tot Ion: 98 Resp: 812383

Ion Ratio Lower Upper

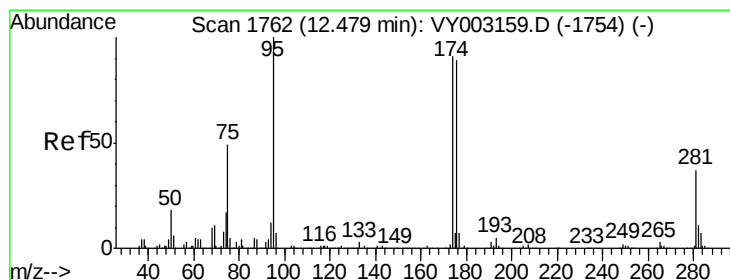
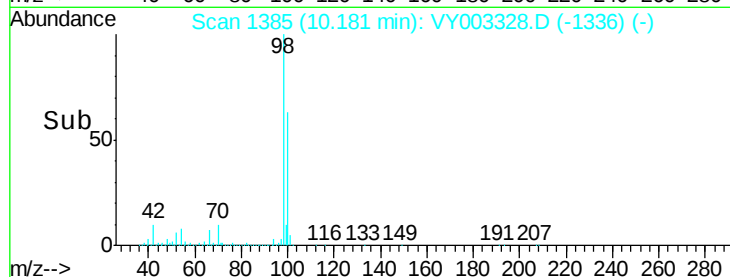
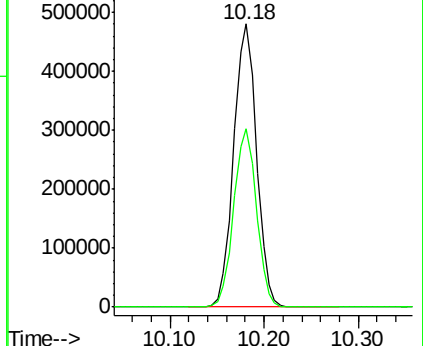
98 100

100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.845 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003328.D

Acq: 23 Jul 2020 19:58

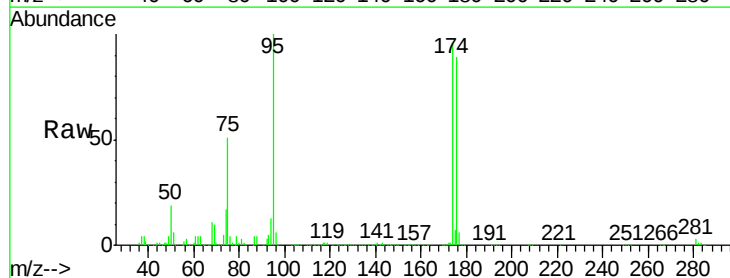
Tgt Ion: 95 Resp: 252501

Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

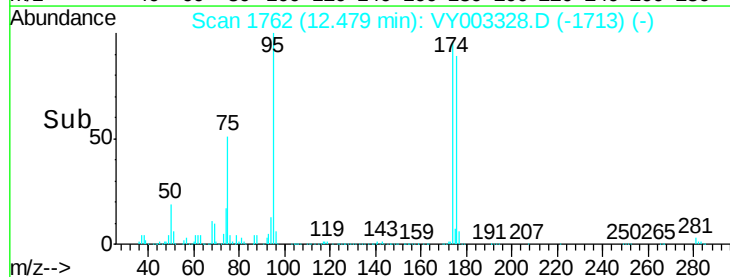
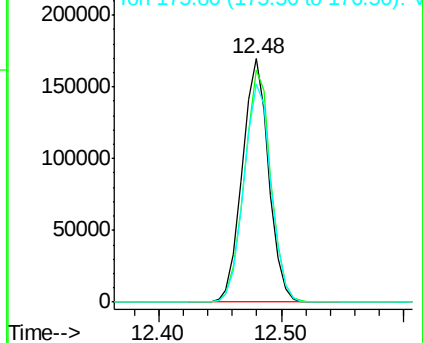
176 92.4 0.0 186.4

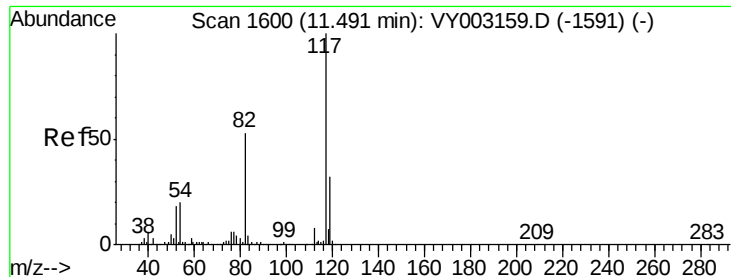


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

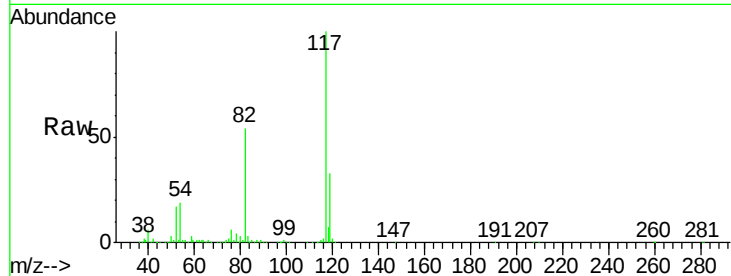




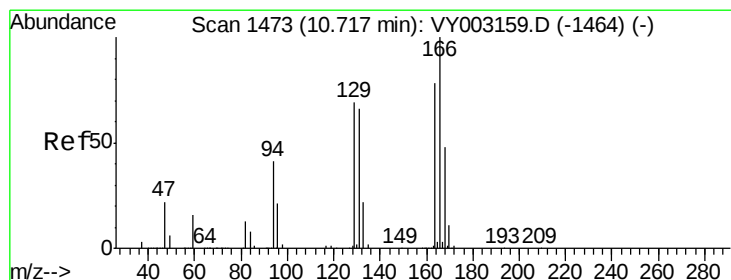
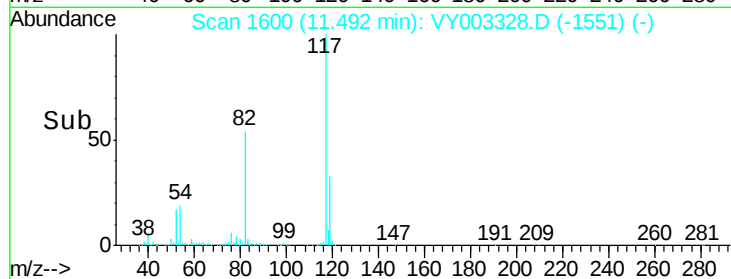
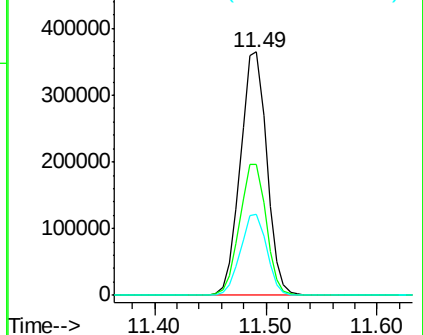
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003328.D
Acq: 23 Jul 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	33.2	25.5	38.3



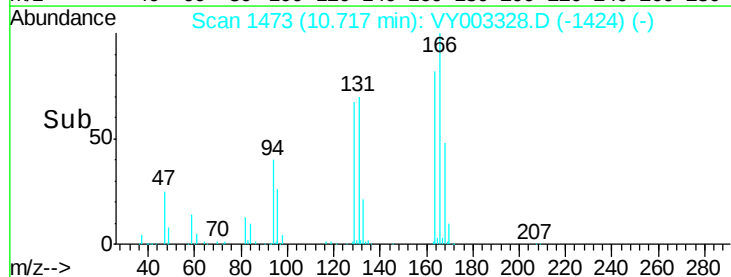
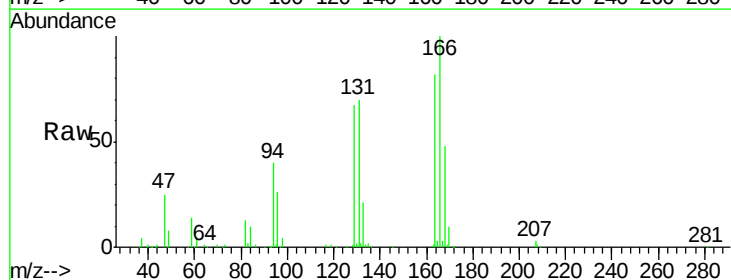
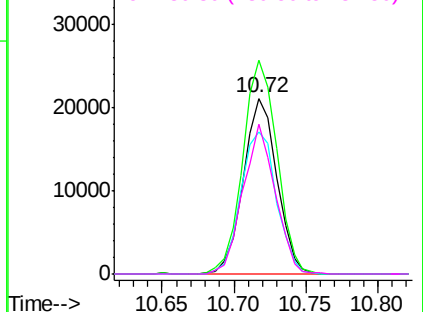
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

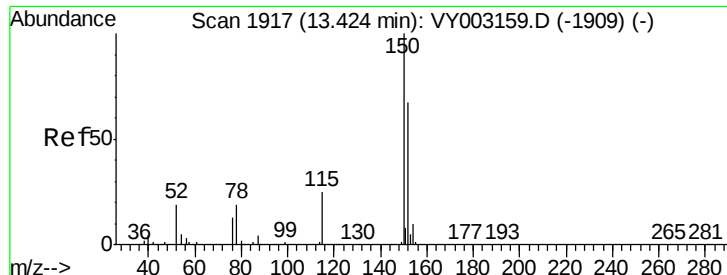


#64
Tetrachloroethene
Concen: 6.351 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003328.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.9	154.3
129	81.1	71.4	107.2
131	85.5	68.1	102.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



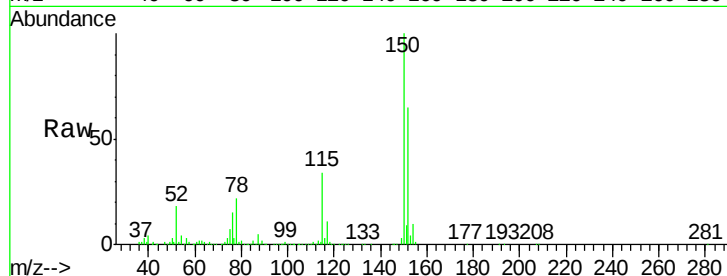


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003328.D
 Acq: 23 Jul 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	157.9	0.0	338.0



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

