

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003327.D
 Acq On : 23 Jul 2020 19:34
 Operator : SY/MD
 Sample : L3382-17
 Misc : 8.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-011

Quant Time: Jul 24 04:44:13 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

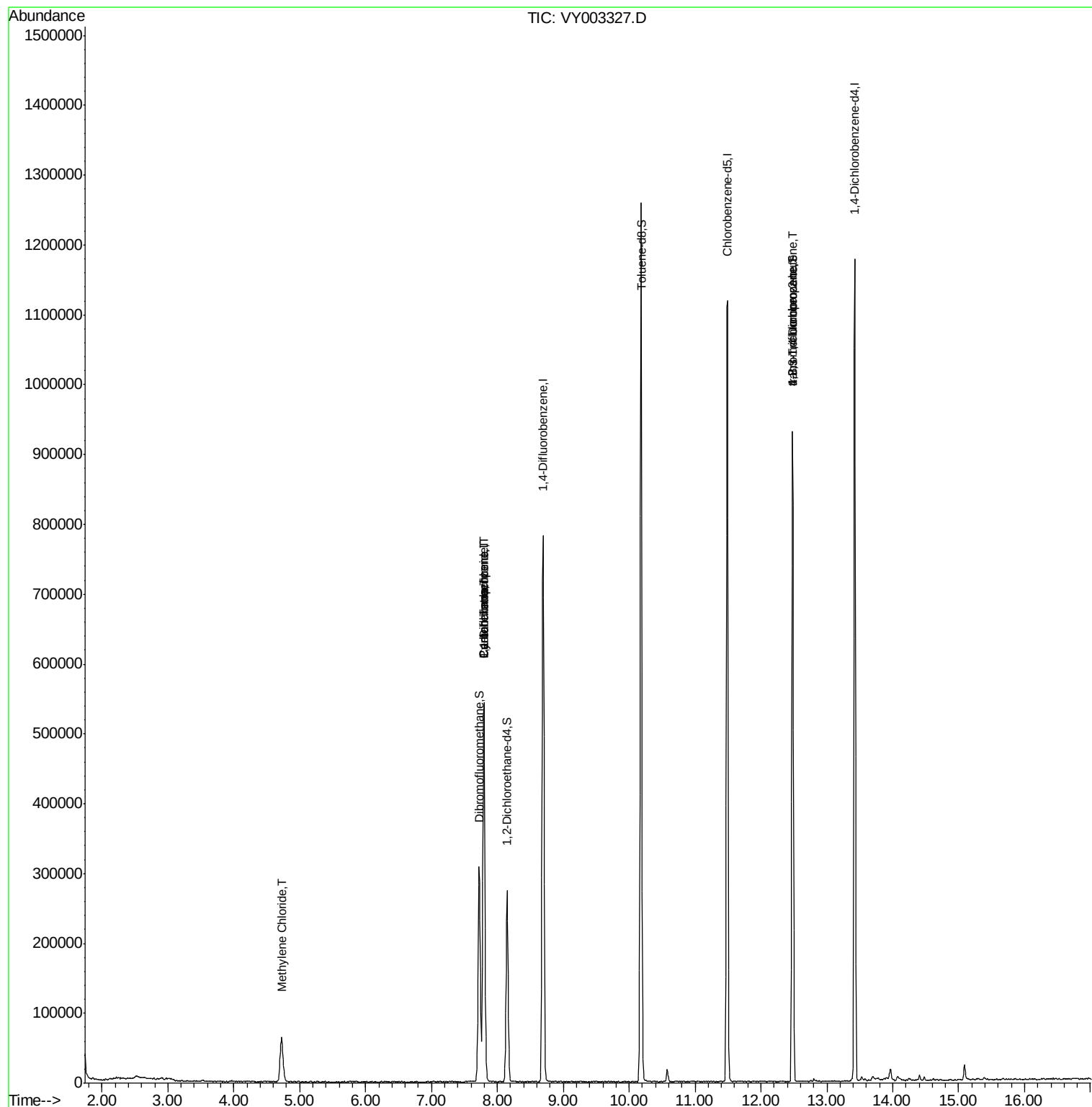
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	445375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	639497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	301218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	216769	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
35) Dibromofluoromethane	7.72	113	213706	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	10.18	98	831810	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
62) 4-Bromofluorobenzene	12.48	95	266913	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
Target Compounds						
20) Methylene Chloride	4.72	84	48692	6.775	ug/l	93
31) Cyclohexane	7.80	56	7806	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	29926	4.821	ug/l #	49
38) Carbon Tetrachloride	7.79	117	40779	6.363	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	134003	50.258	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	134003	97.812	ug/l #	13

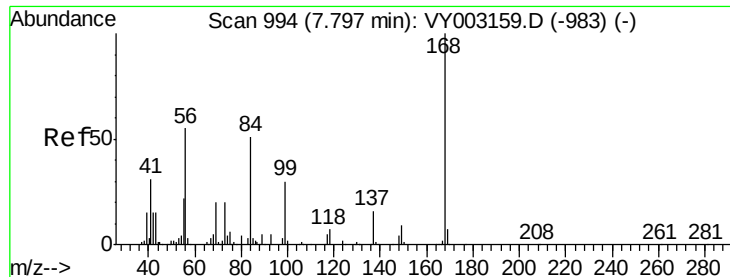
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

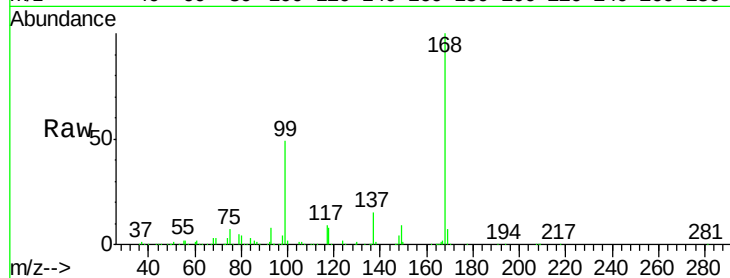
CTR-011

Tot Ion:168 Resp: 445375

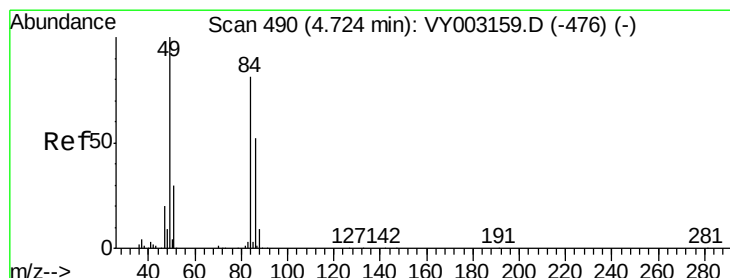
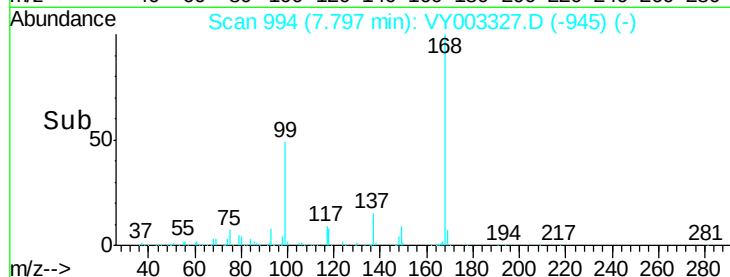
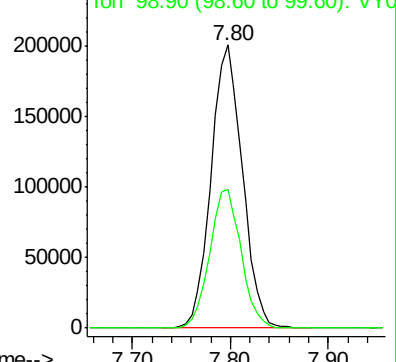
Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003327.D (-945) (-)



#20

Methylene Chloride

Concen: 6.775 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Tgt Ion: 84 Resp: 48692

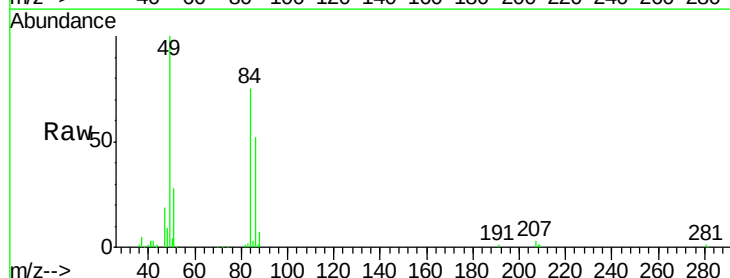
Ion Ratio Lower Upper

84 100

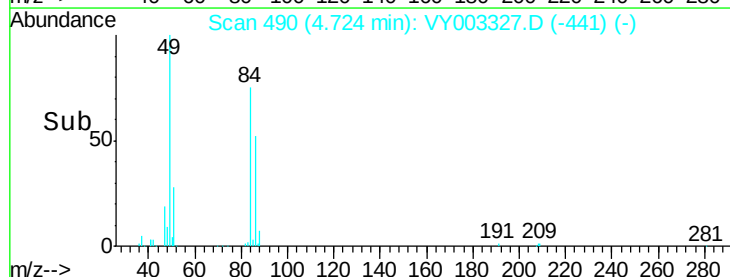
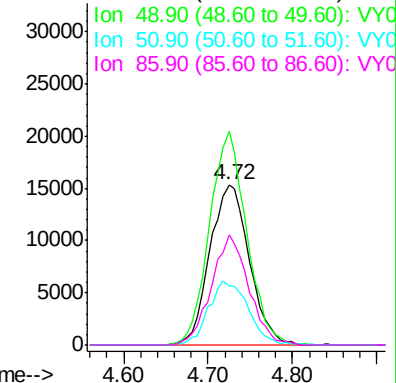
49 133.2 98.2 147.4

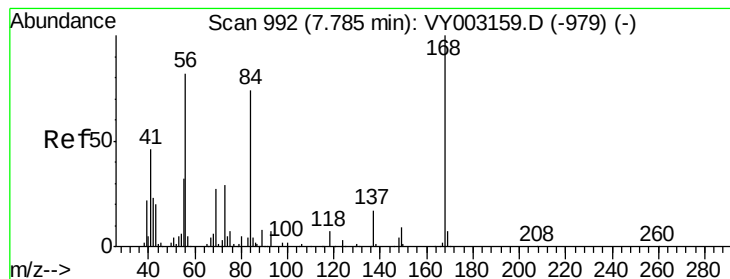
51 36.8 29.8 44.6

86 68.8 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003327.D (-441) (-)





#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

CTR-011

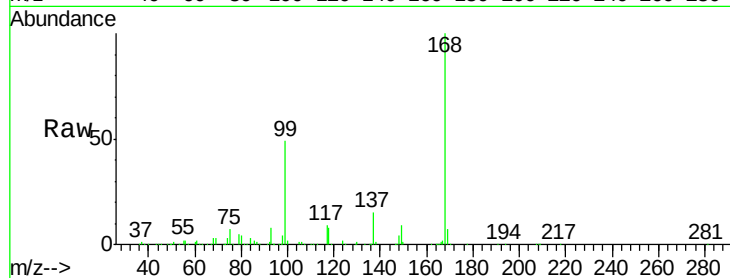
Tot Ion: 56 Resp: 7806

Ion Ratio Lower Upper

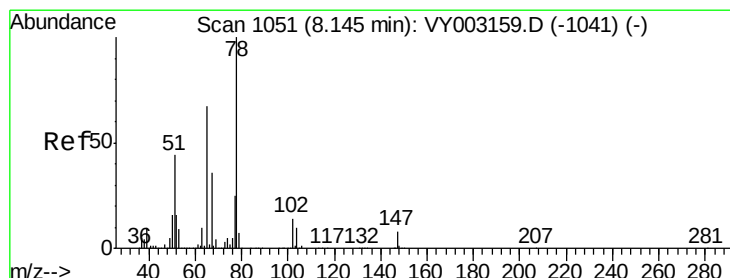
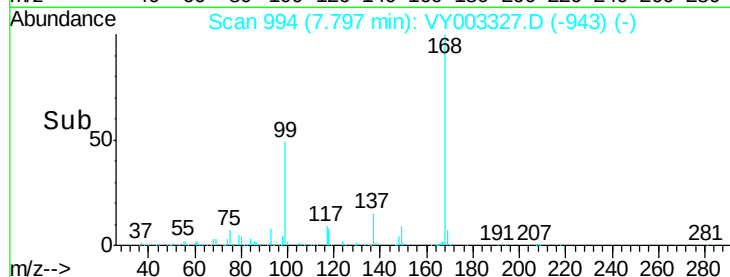
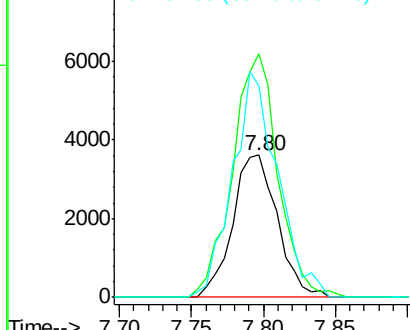
56 100

69 171.3 26.7 40.1#

84 148.5 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.665 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003327.D

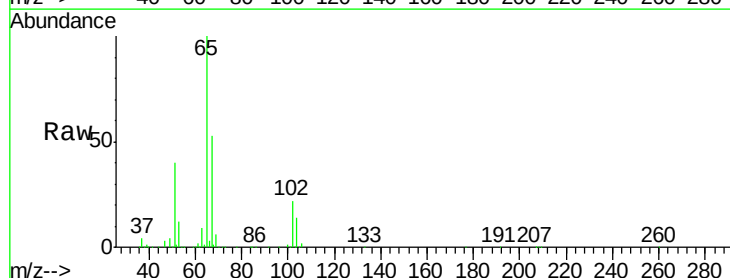
Acq: 23 Jul 2020 19:34

Tgt Ion: 65 Resp: 216769

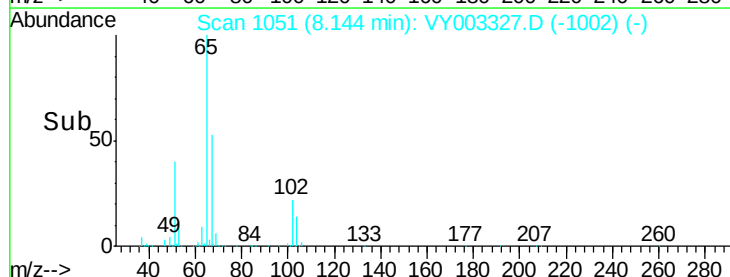
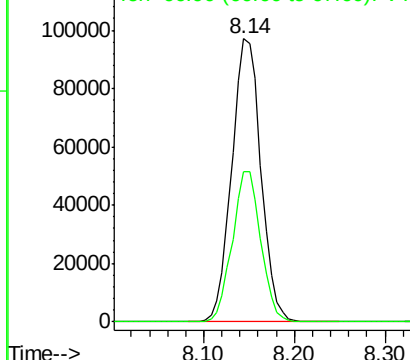
Ion Ratio Lower Upper

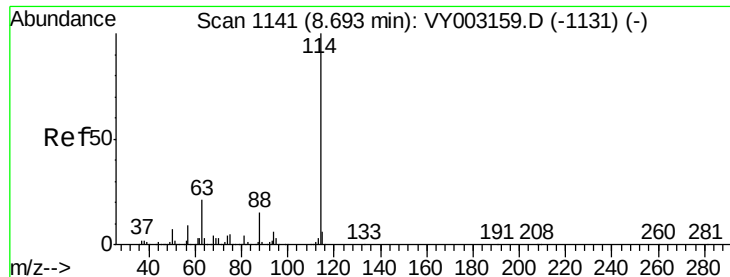
65 100

67 51.7 0.0 105.2



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

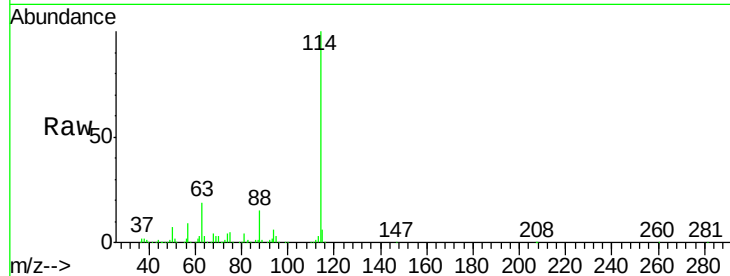




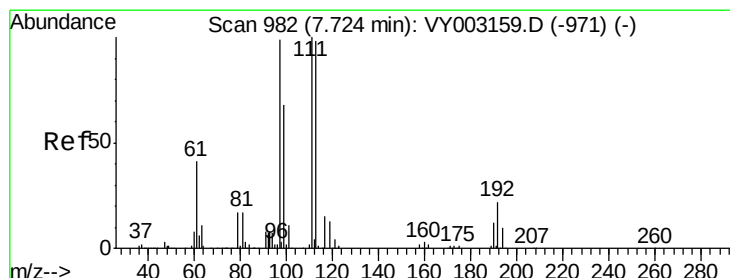
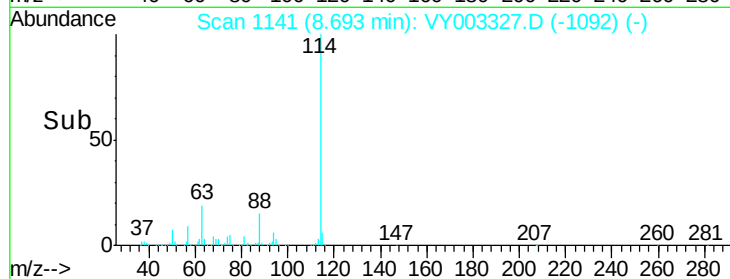
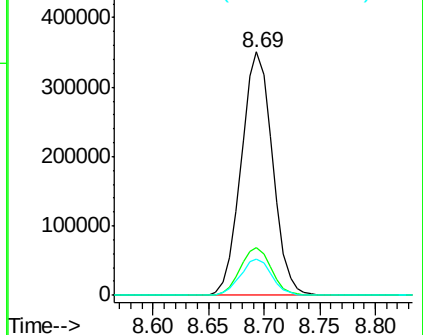
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003327.D
 Acq: 23 Jul 2020 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-011

Tot Ion:114 Resp: 684949
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.8 0.0 30.2

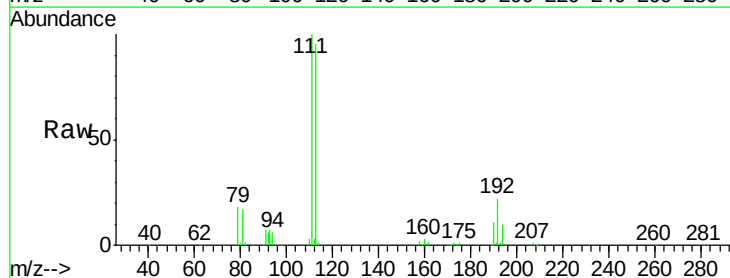


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

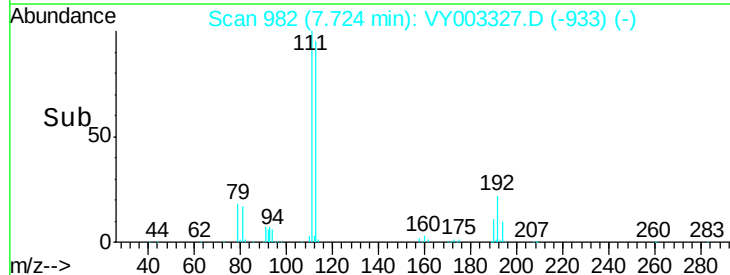
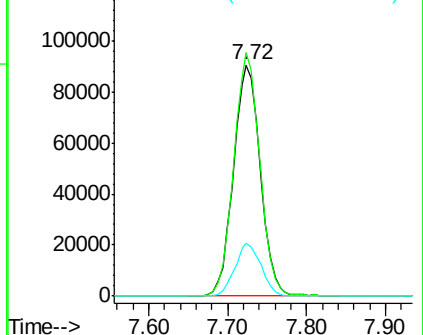


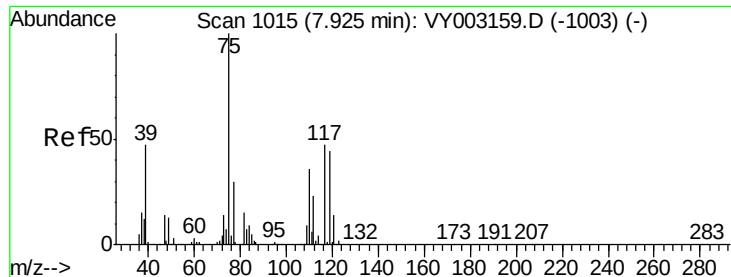
#35
 Dibromofluoromethane
 Concen: 54.216 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003327.D
 Acq: 23 Jul 2020 19:34

Tgt Ion:113 Resp: 213706
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 22.5 18.8 28.2



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





#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

CTR-011

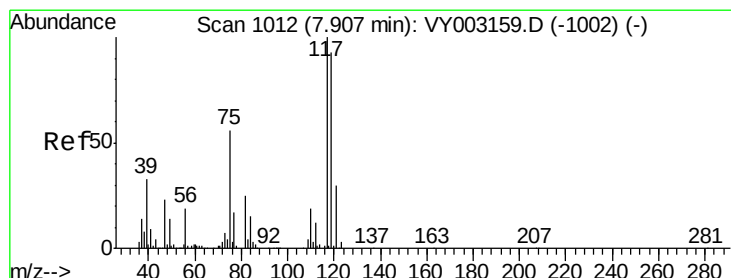
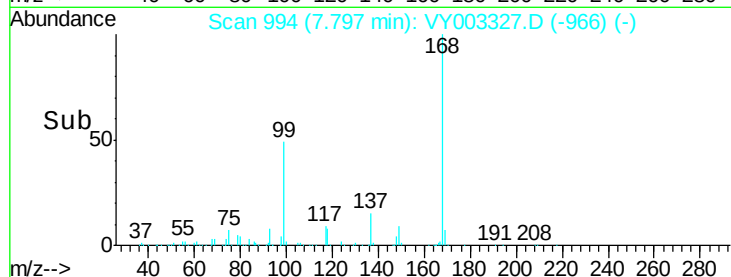
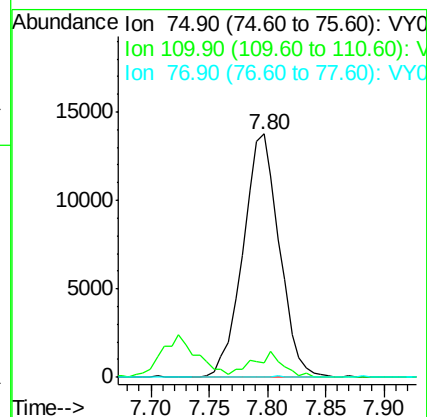
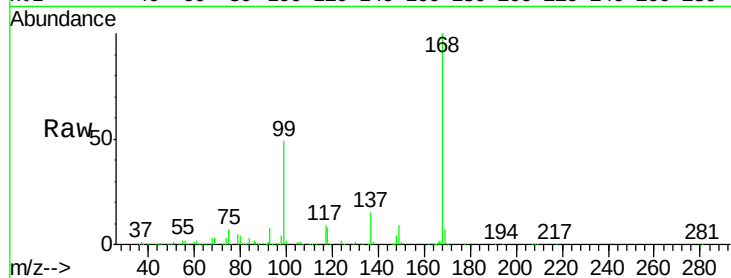
Tot Ion: 75 Resp: 29926

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.1#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.363 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

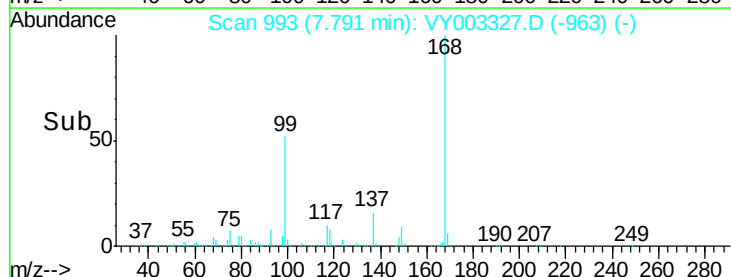
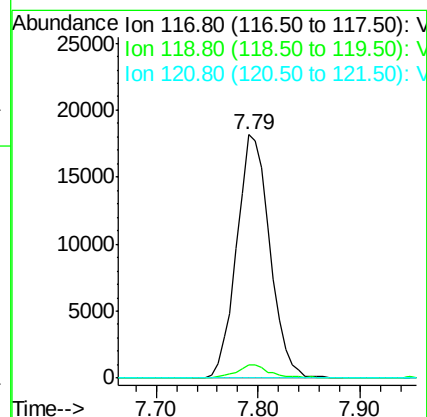
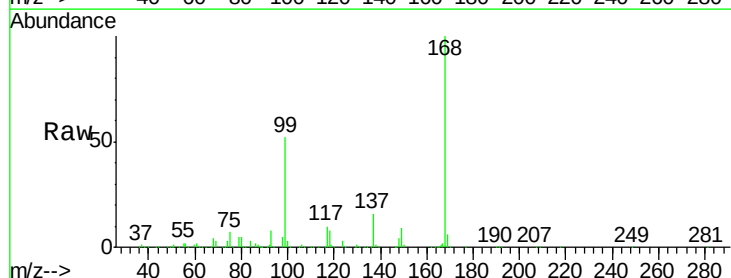
Tgt Ion: 117 Resp: 40779

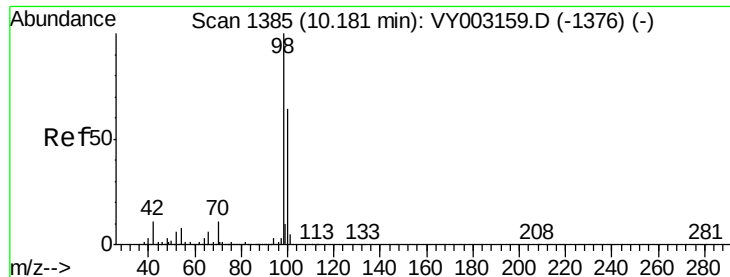
Ion Ratio Lower Upper

117 100

119 5.3 74.5 111.7#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 56.761 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

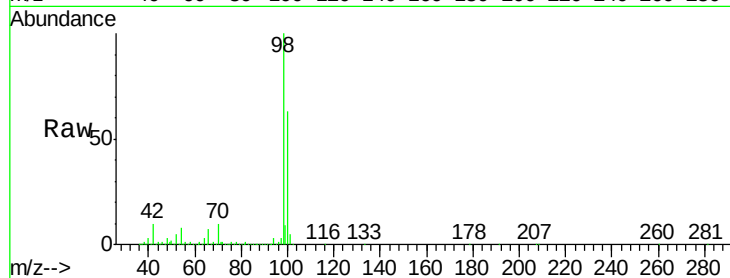
CTR-011

Tot Ion: 98 Resp: 831810

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

500000

400000

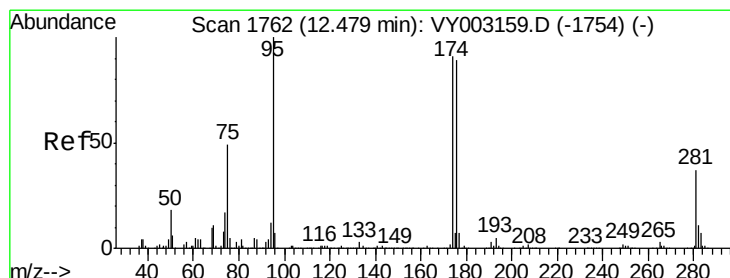
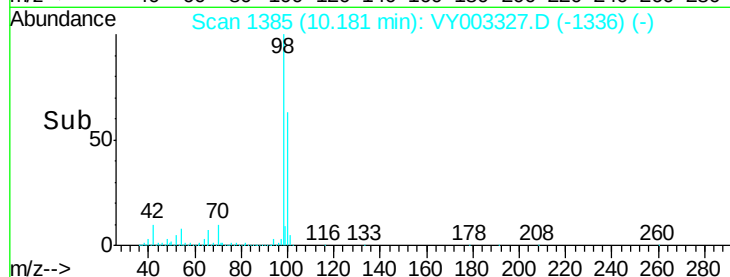
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.417 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

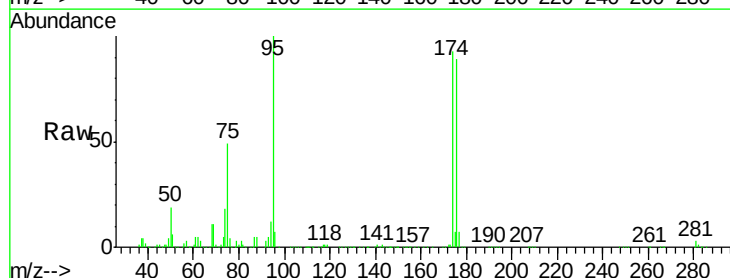
Tgt Ion: 95 Resp: 266913

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

176 92.9 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

12.48

200000

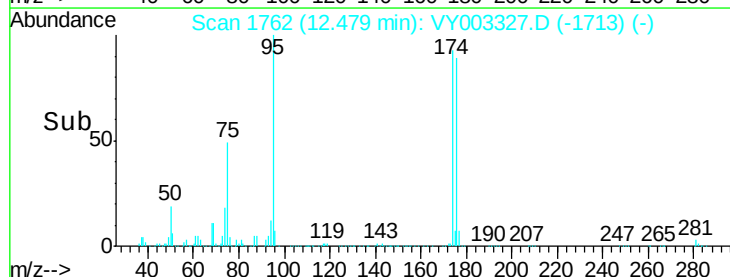
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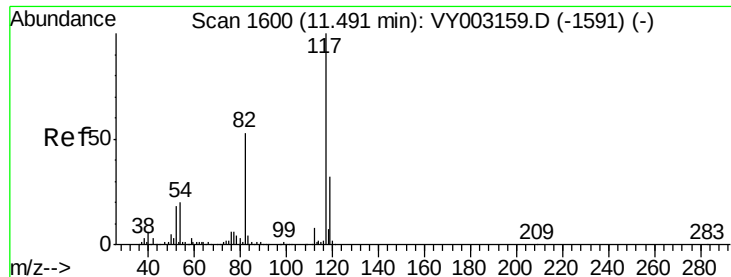
100000

50000

0

Time-->

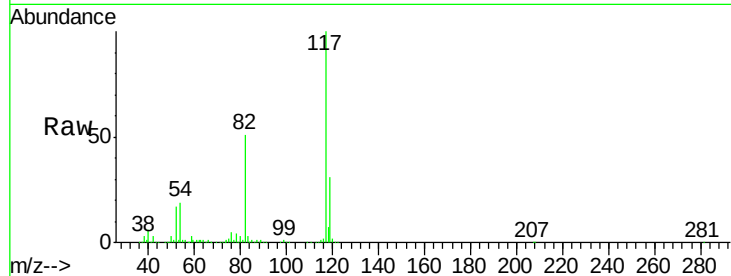




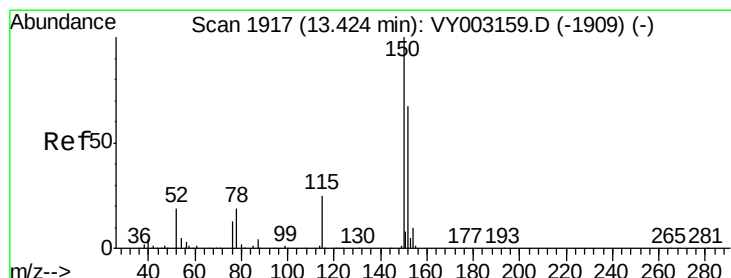
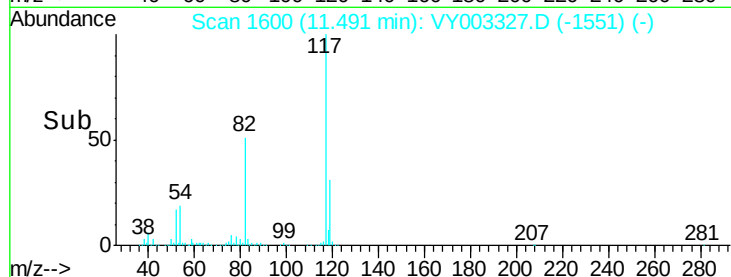
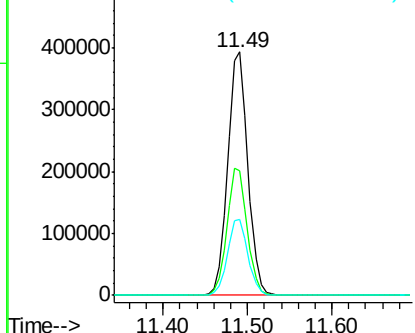
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003327.D
Acq: 23 Jul 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
CTR-011

Tot Ion:117 Resp: 639497
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 31.3 25.5 38.3

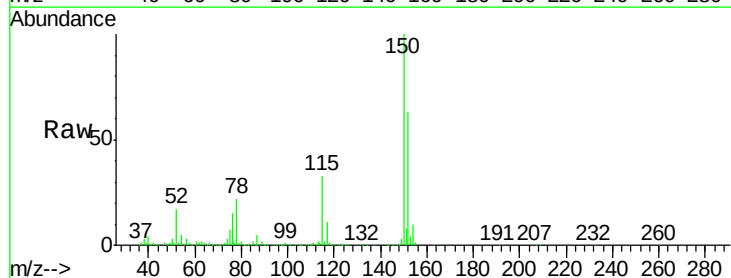


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

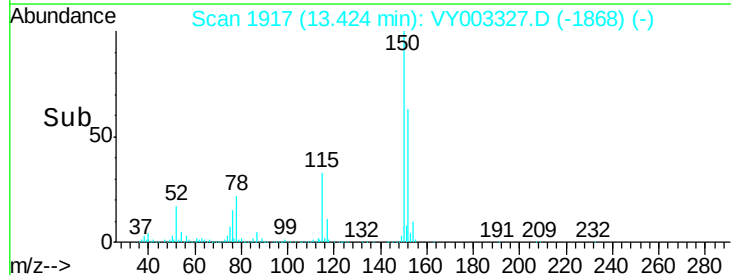
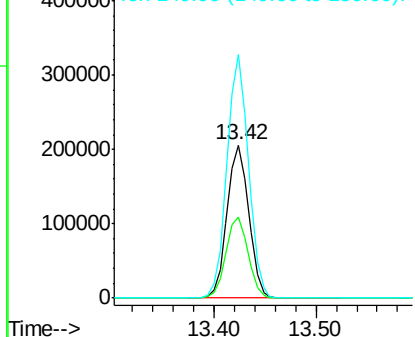


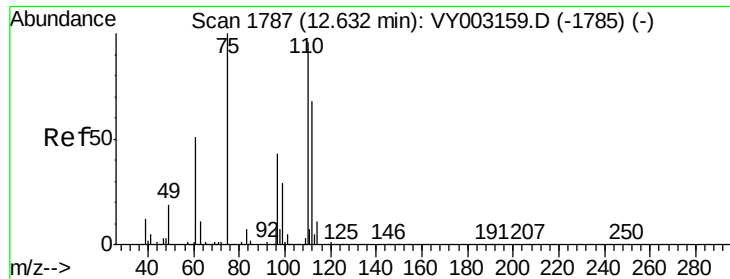
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003327.D
Acq: 23 Jul 2020 19:34

Tgt Ion:152 Resp: 301218
Ion Ratio Lower Upper
152 100
115 54.5 26.9 80.7
150 157.4 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





#76

1,2,3-Trichloropropane

Concen: 50.258 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

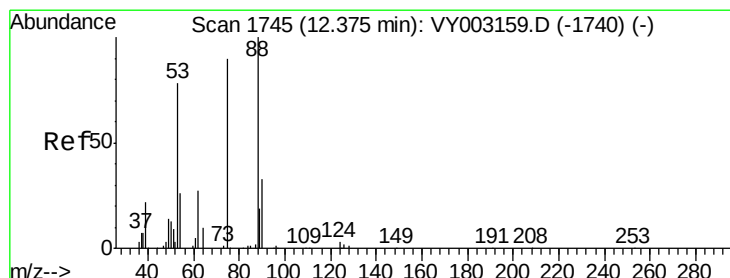
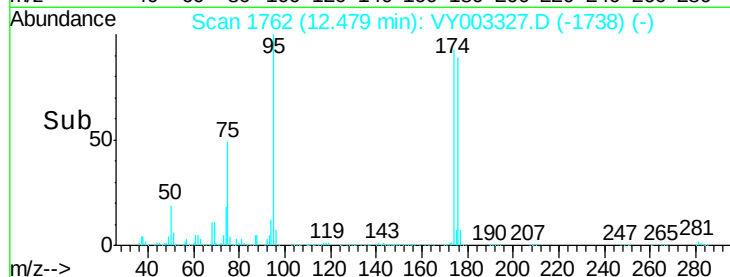
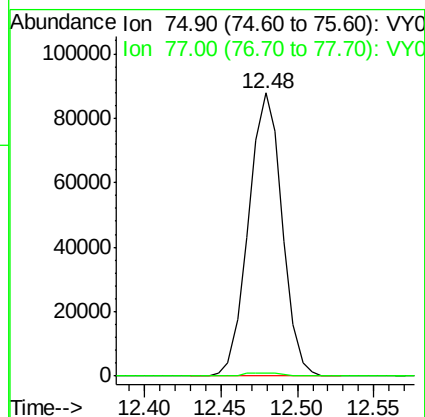
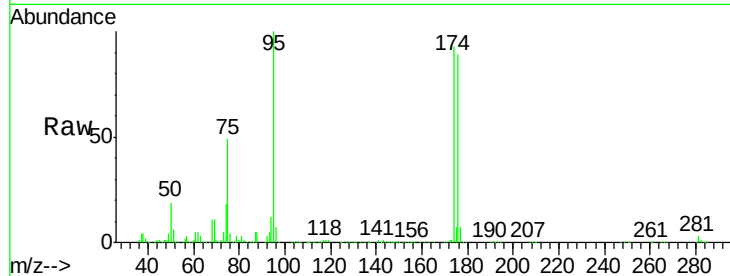
CTR-011

Tot Ion: 75 Resp: 134003

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.812 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003327.D

Acq: 23 Jul 2020 19:34

Tgt Ion: 75 Resp: 134003

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.2 37.3 55.9#

