

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003272.D
 Acq On : 22 Jul 2020 00:26
 Operator : SY/MD
 Sample : L3355-01
 Misc : 6.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11977

Quant Time: Jul 22 02:49:36 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

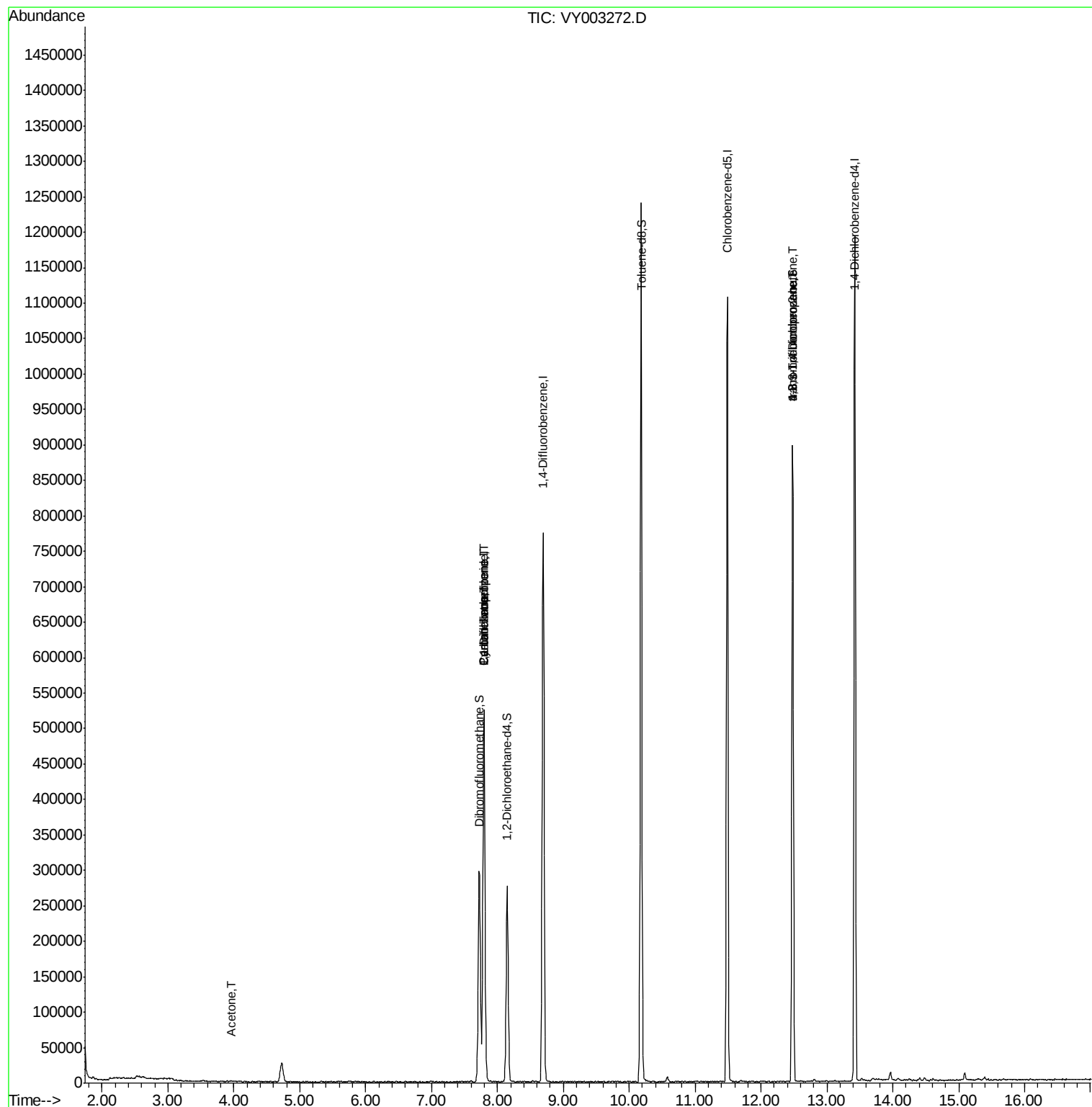
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	428925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	617406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217983	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	7.72	113	209920	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.18	98	811743	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	263186	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
Target Compounds						
16) Acetone	3.96	43	2217	2.742	ug/l #	83
20) Methylene Chloride	4.72	84	21368	Below Cal		92
31) Cyclohexane	7.80	56	7422	1.127	ug/l #	3
36) 1,1-Dichloropropene	7.80	75	29132	4.754	ug/l #	50
38) Carbon Tetrachloride	7.80	117	38802	6.134	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	134187	48.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	134187	94.854	ug/l #	13

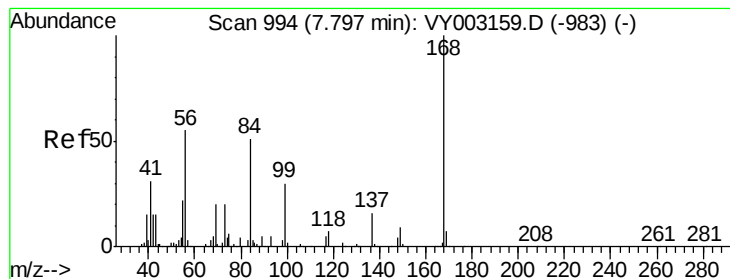
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
Data File : VY003272.D
Acq On : 22 Jul 2020 00:26
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampleId :

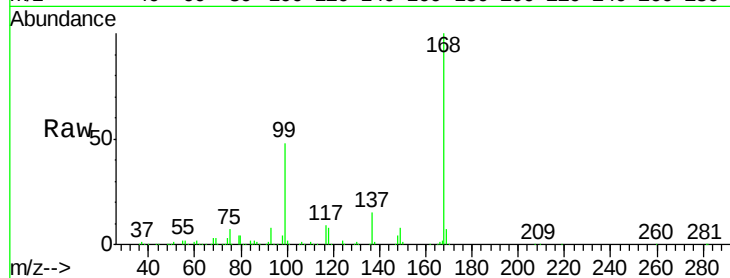
11977

Tot Ion:168 Resp: 428925

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003272.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003272.D (-945) (-)

7.80

200000

150000

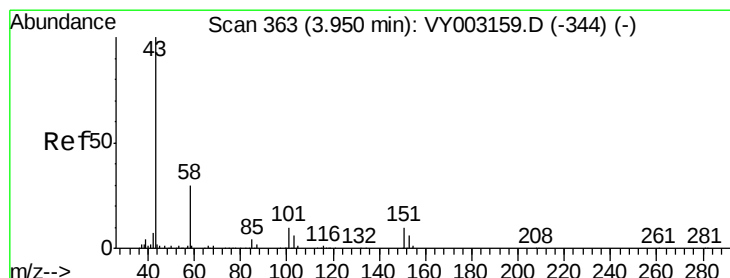
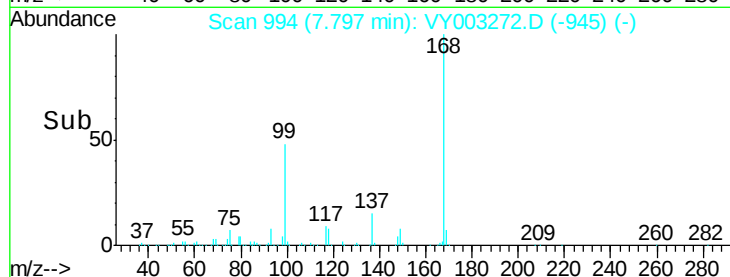
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 2.742 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003272.D

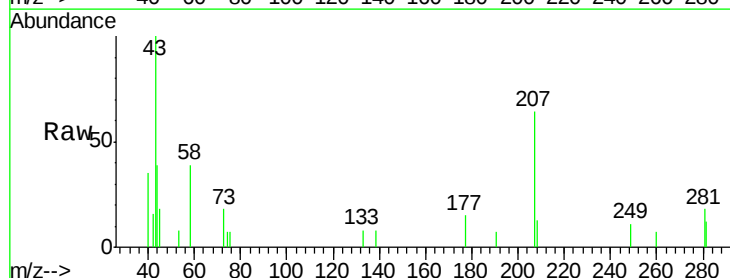
Acq: 22 Jul 2020 00:26

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

43 100

58 39.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003272.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003272.D (-314) (-)

3.96

800

600

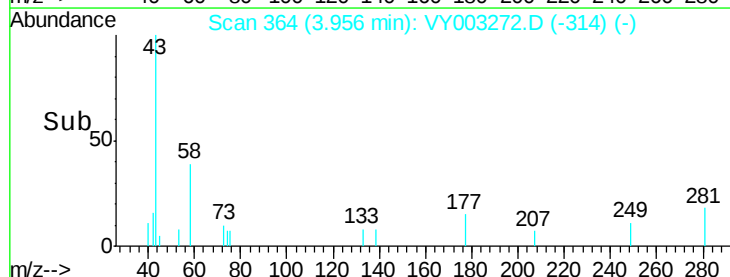
400

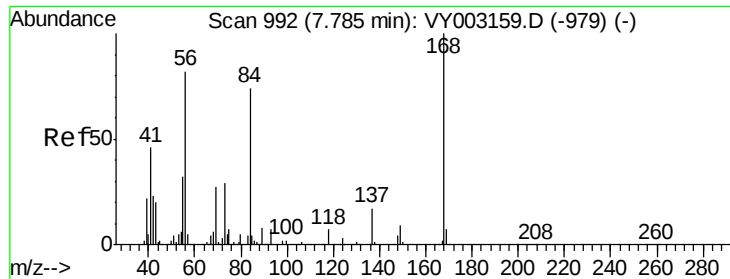
200

0

3.90 3.95 4.00 4.05

Time-->





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :
MSVOA_Y
ClientSampled :
11977

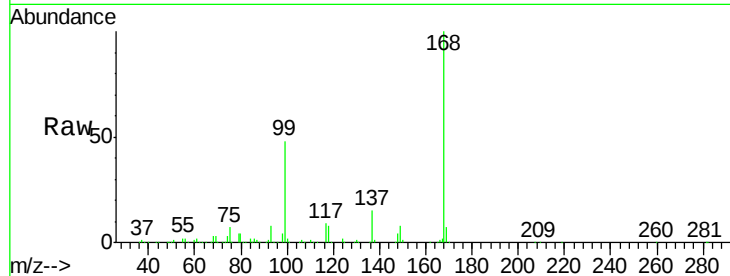
Tot Ion: 56 Resp: 7422

Ion Ratio Lower Upper

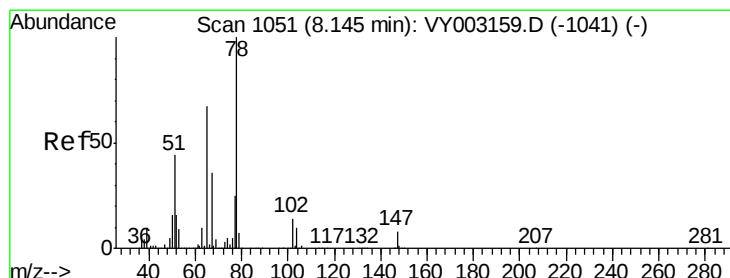
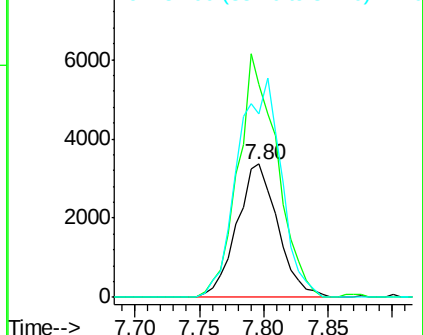
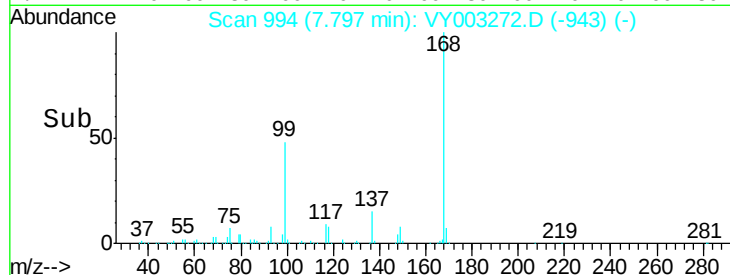
56 100

69 159.6 26.7 40.1#

84 137.9 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: 60.212 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003272.D

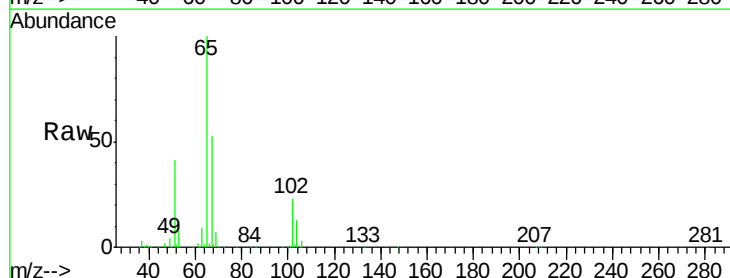
Acq: 22 Jul 2020 00:26

Tgt Ion: 65 Resp: 217983

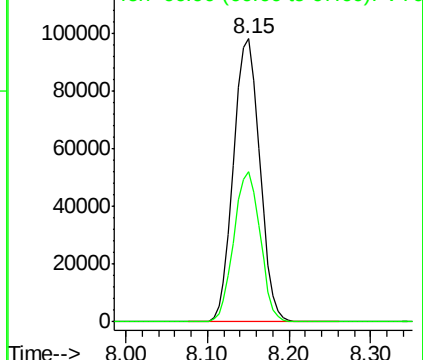
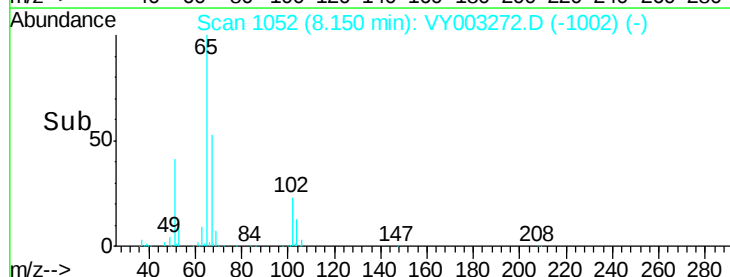
Ion Ratio Lower Upper

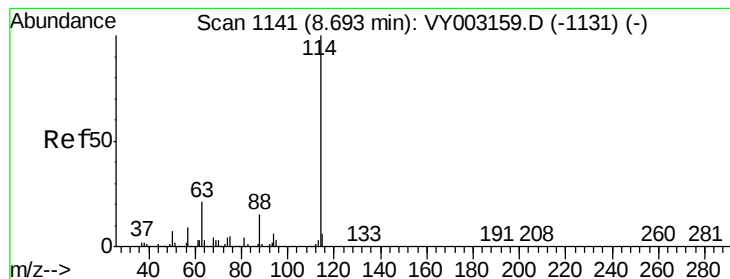
65 100

67 53.1 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: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampleId :

11977

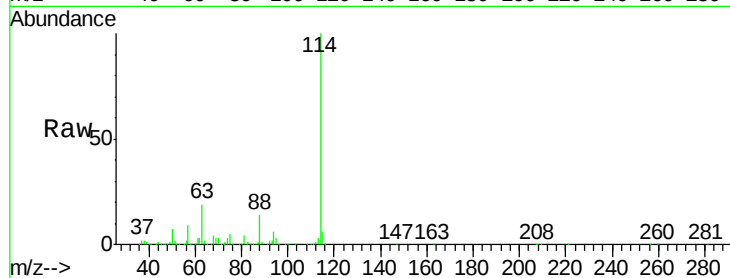
Tot Ion:114 Resp: 676084

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.2

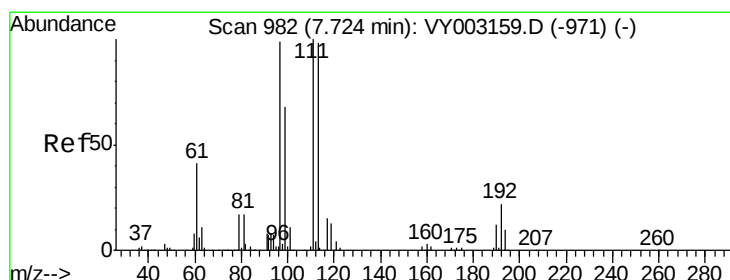
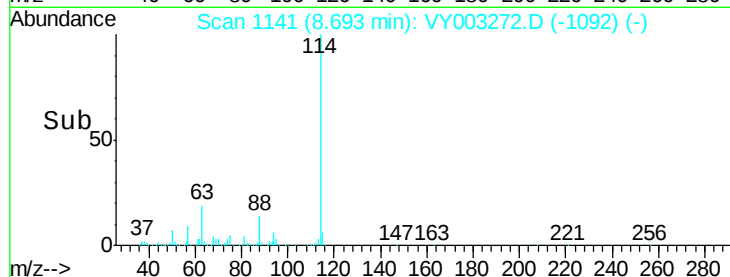
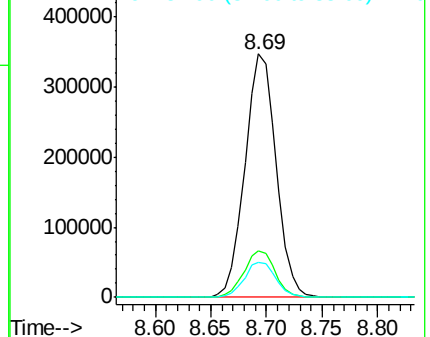
88 14.4 0.0 30.2



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: 53.954 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

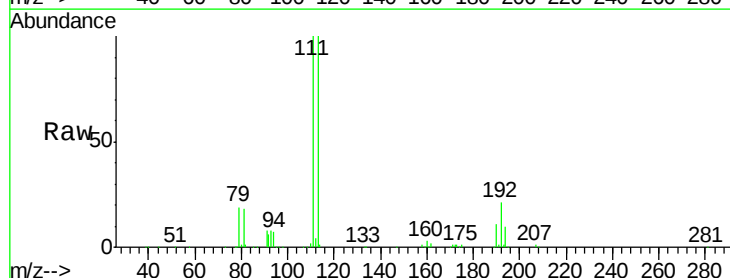
Tgt Ion:113 Resp: 209920

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

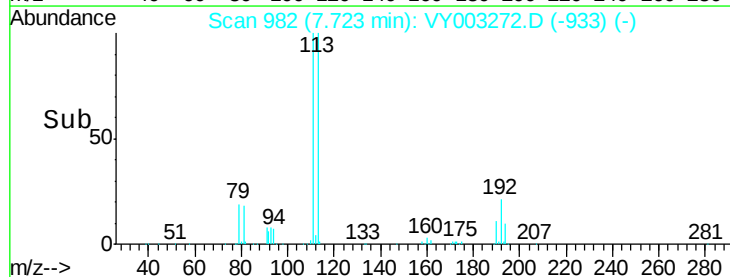
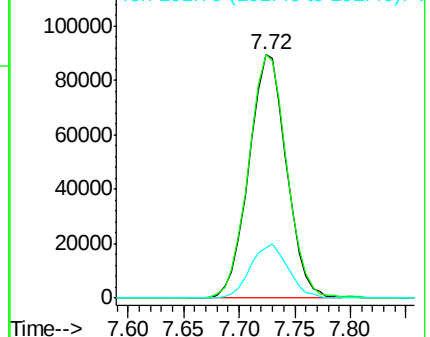
192 22.4 18.8 28.2

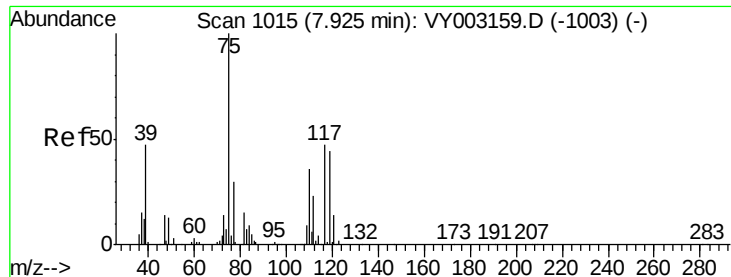


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampleId :

11977

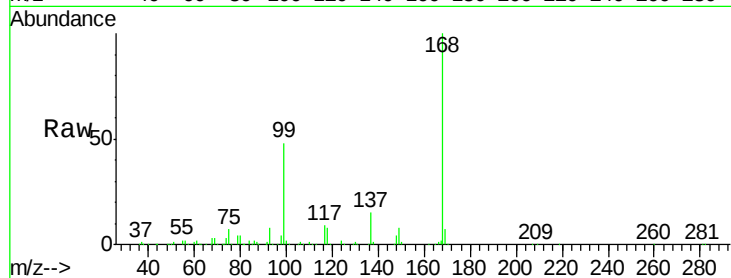
Tot Ion: 75 Resp: 29132

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

77 0.0 24.8 37.2#

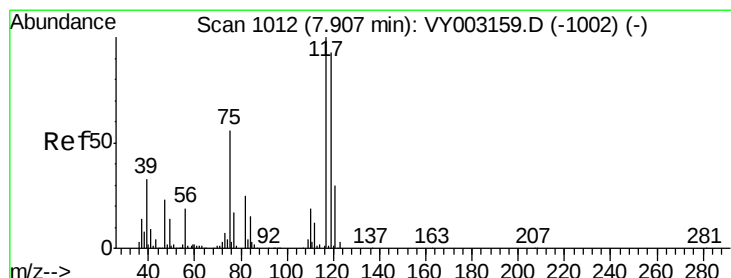
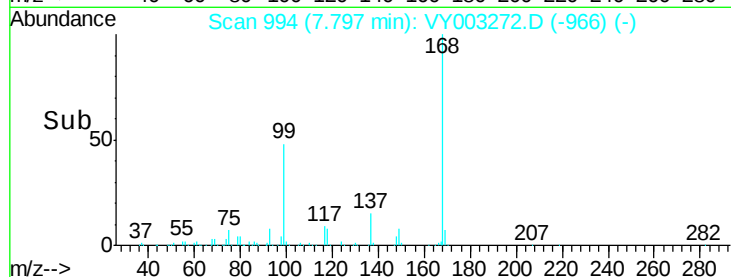


Abundance Ion 74.90 (74.60 to 75.60): VY003159.D (-1003) (-)

Ion 109.90 (109.60 to 110.60): VY003159.D (-1003) (-)

Ion 76.90 (76.60 to 77.60): VY003159.D (-1003) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.134 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

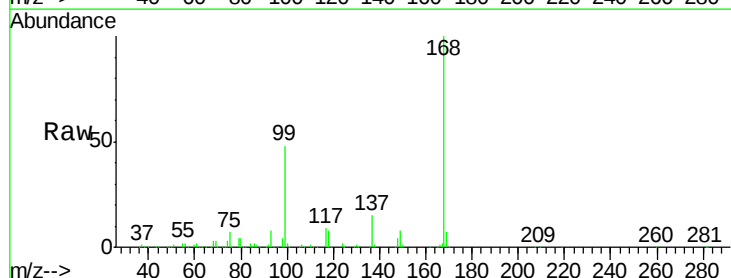
Tgt Ion: 117 Resp: 38802

Ion Ratio Lower Upper

117 100

119 5.4 74.5 111.7#

121 0.0 24.2 36.2#

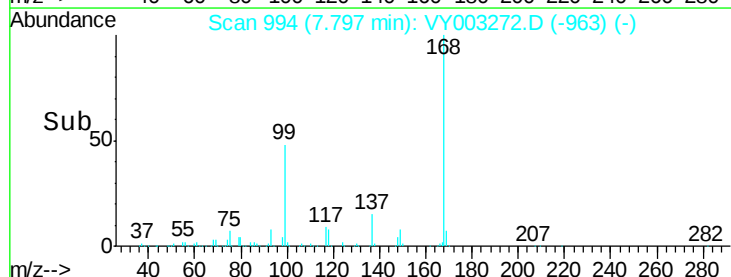


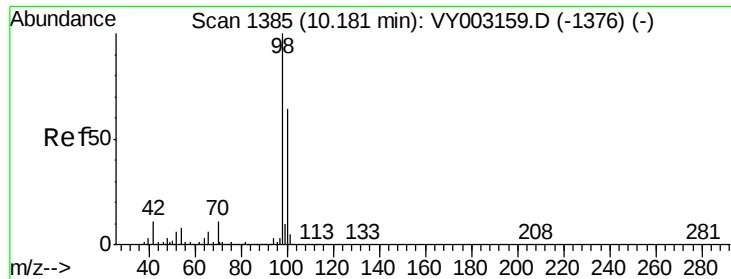
Abundance Ion 116.80 (116.50 to 117.50): VY003159.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY003159.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY003159.D (-1002) (-)

Time-->

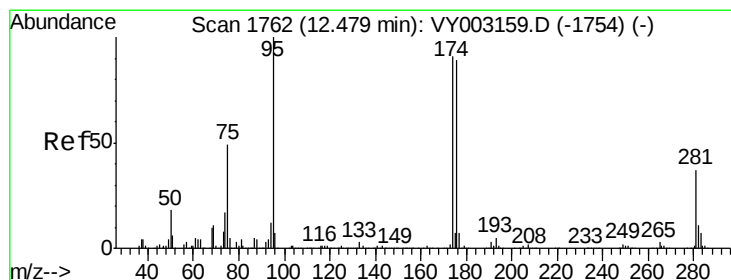
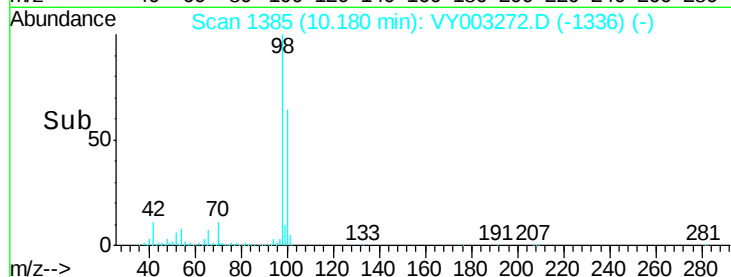
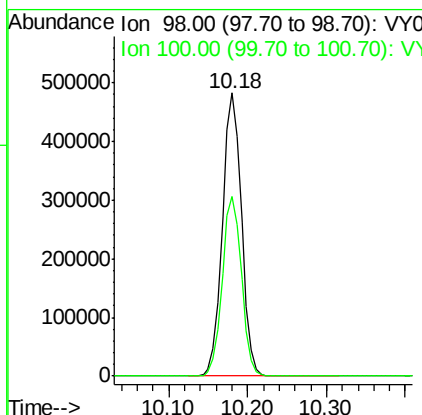
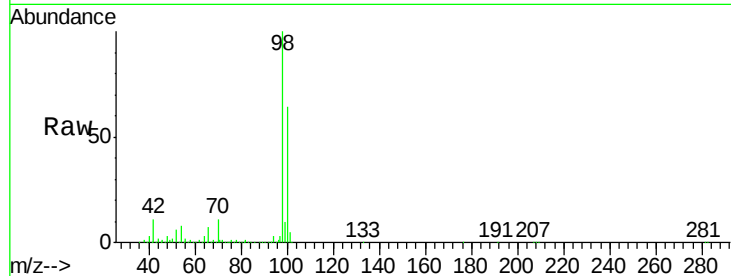




#50
Toluene-d8
Concen: 56.118 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

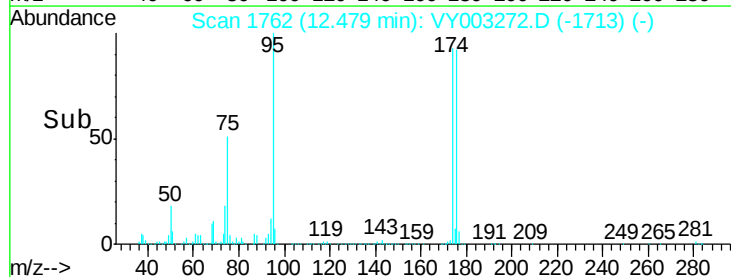
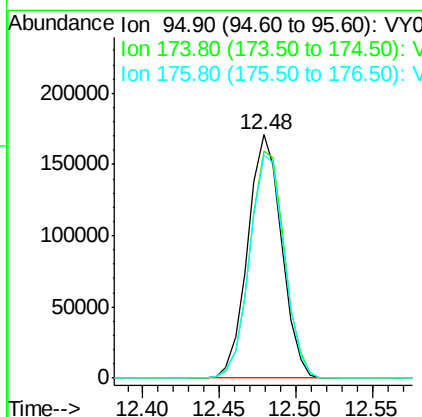
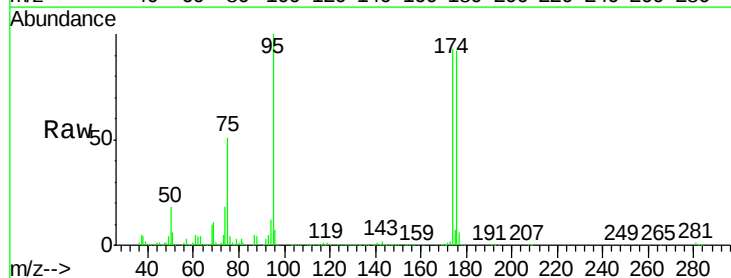
Instrument :
MSVOA_Y
ClientSampled :
11977

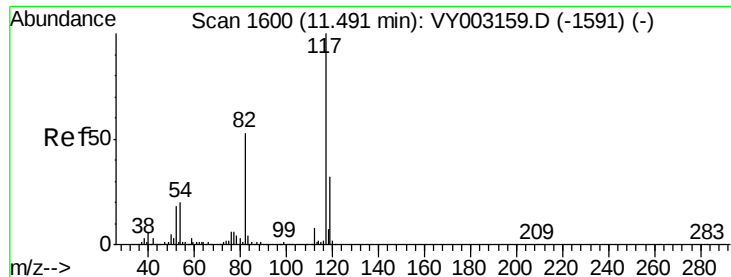
Tot Ion: 98 Resp: 811743
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 50.365 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

Tgt Ion: 95 Resp: 263186
Ion Ratio Lower Upper
95 100
174 95.5 0.0 190.6
176 93.8 0.0 186.4

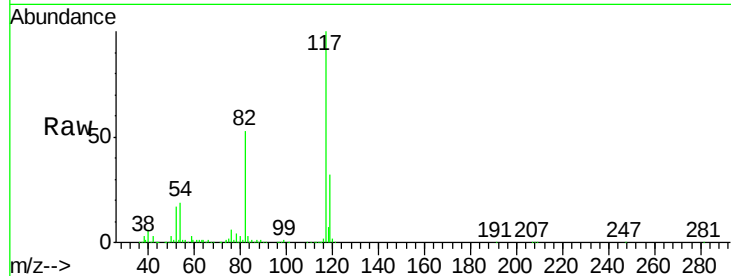




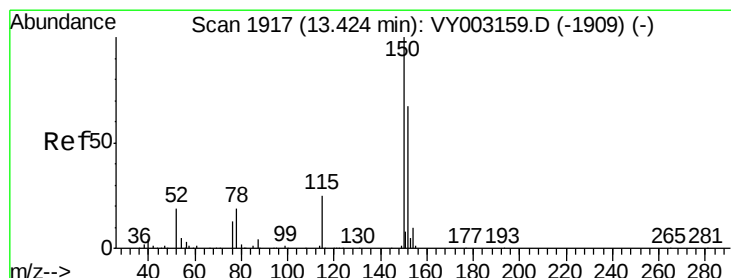
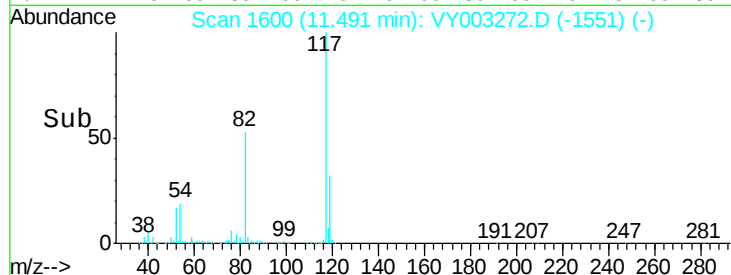
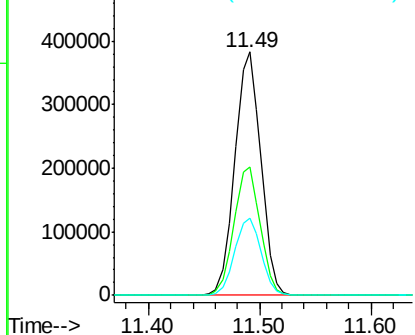
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

Instrument :
MSVOA_Y
ClientSampleId :
11977

Tot Ion:117 Resp: 617406
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.7 25.5 38.3

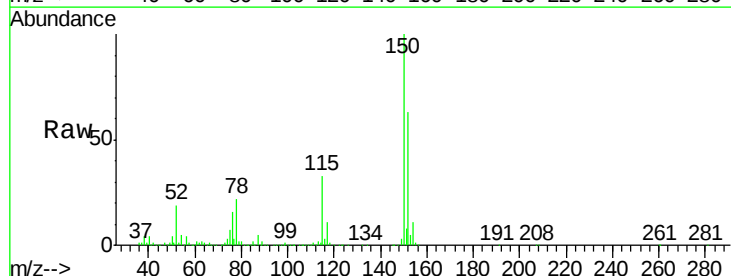


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

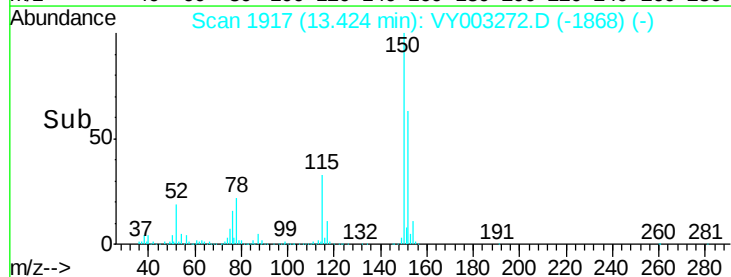
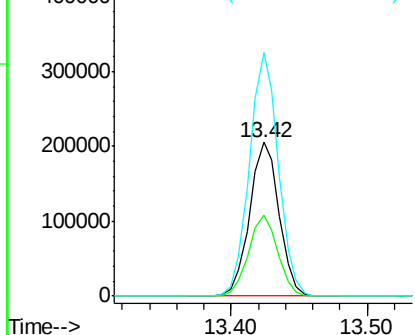


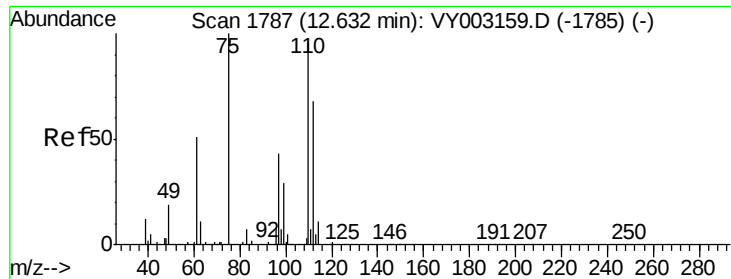
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

Tgt Ion:152 Resp: 311038
Ion Ratio Lower Upper
152 100
115 52.4 26.9 80.7
150 155.6 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: 48.738 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampleId :

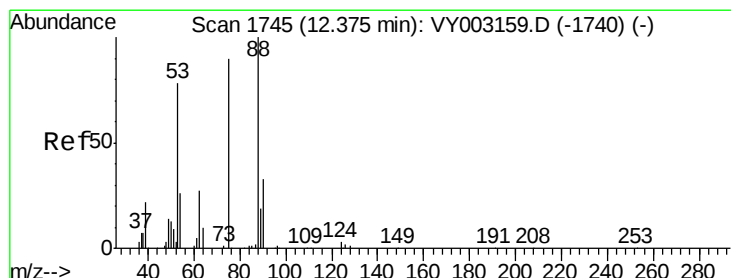
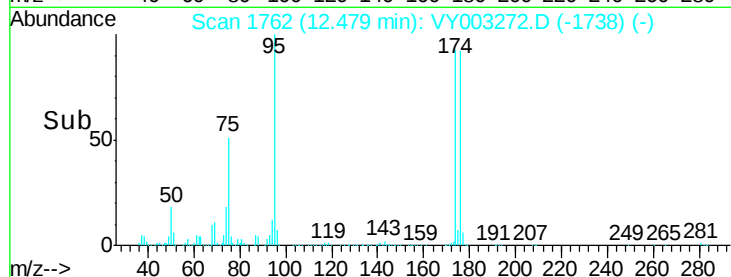
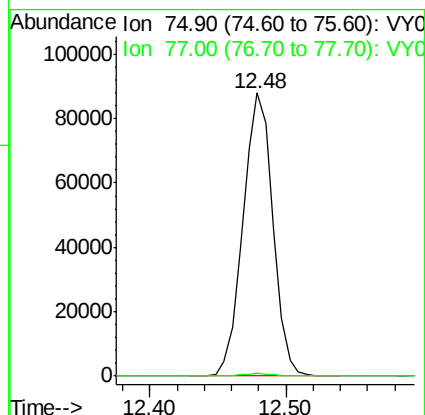
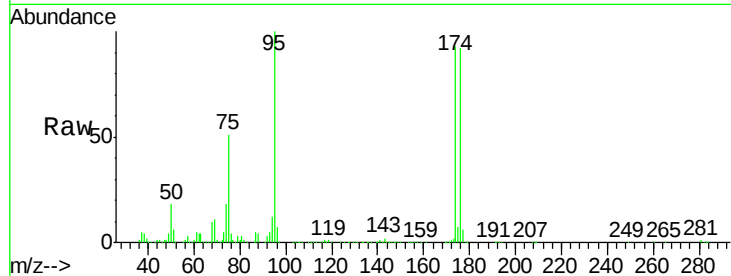
11977

Tot Ion: 75 Resp: 134187

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.854 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Tgt Ion: 75 Resp: 134187

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 37.3 55.9#

