

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003316.D
 Acq On : 23 Jul 2020 15:10
 Operator : SY/MD
 Sample : L3415-01
 Misc : 7.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-023-IDWSO-20200722

Quant Time: Jul 24 04:39:57 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	475832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	731754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	314494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	225141	56.06	ug/l	0.00
Spiked Amount			Recovery	=	112.12%	
35) Dibromofluoromethane	7.72	113	223510	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
50) Toluene-d8	10.18	98	897611	57.33	ug/l	0.00
Spiked Amount			Recovery	=	114.66%	
62) 4-Bromofluorobenzene	12.48	95	286896	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	

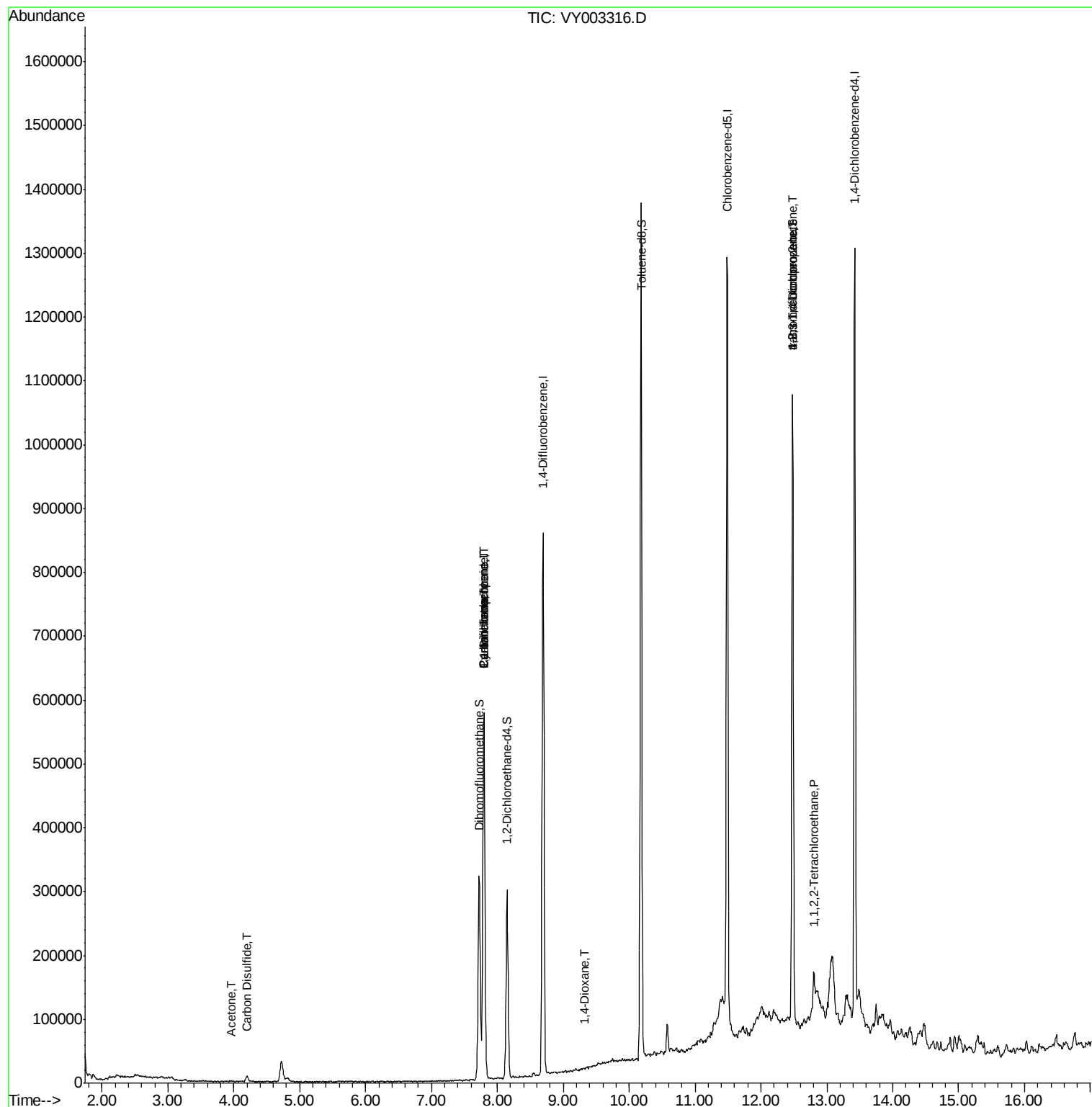
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1814	2.022	ug/l #	75
17) Carbon Disulfide	4.20	76	17970	1.479	ug/l #	91
31) Cyclohexane	7.80	56	8475	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	33019	4.979	ug/l #	50
38) Carbon Tetrachloride	7.80	117	42136	6.154	ug/l #	16
49) 1,4-Dioxane	9.32	88	68	1.941	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.81	83	5053	1.305	ug/l	89
76) 1,2,3-Trichloropropane	12.48	75	144099	51.763	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	144099	100.741	ug/l #	13

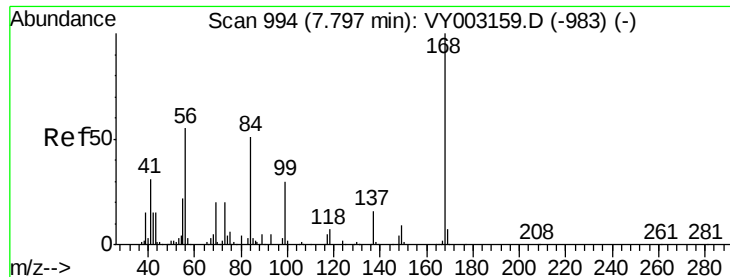
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

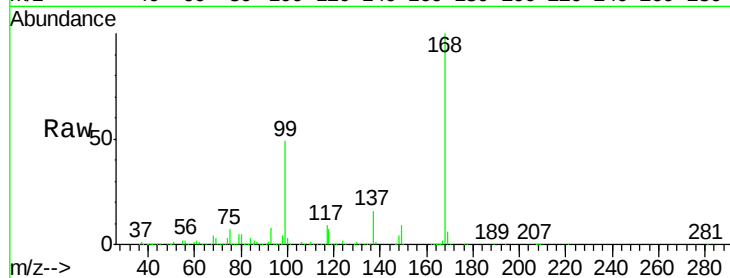
TT-023-IDWSO-20200722

Tot Ion:168 Resp: 475832

Ion Ratio Lower Upper

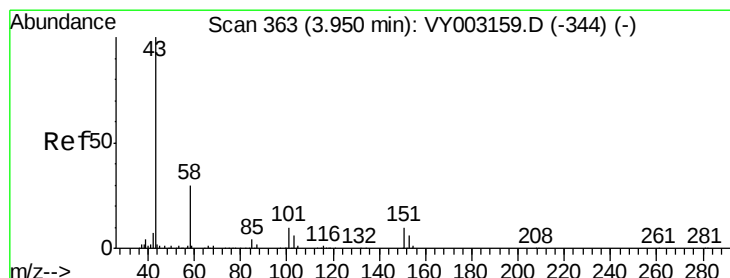
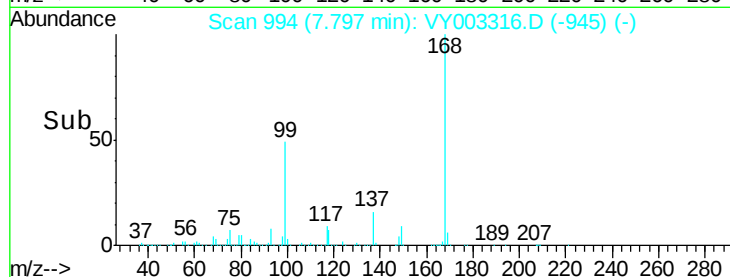
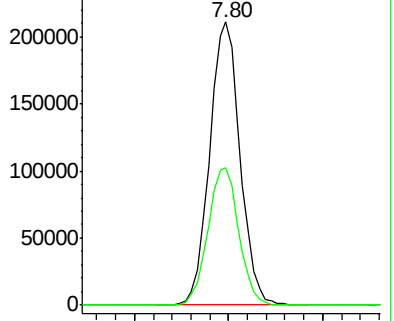
168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003316.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003316.D (-945) (-)



#16

Acetone

Concen: 2.022 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003316.D

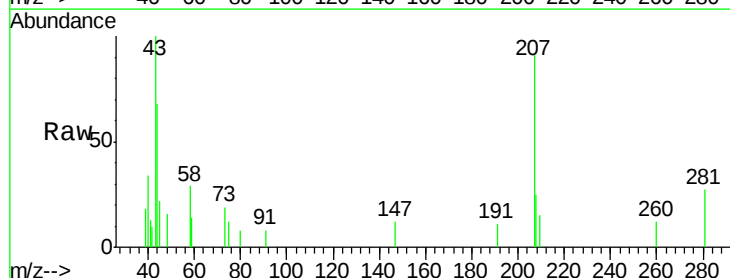
Acq: 23 Jul 2020 15:10

Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

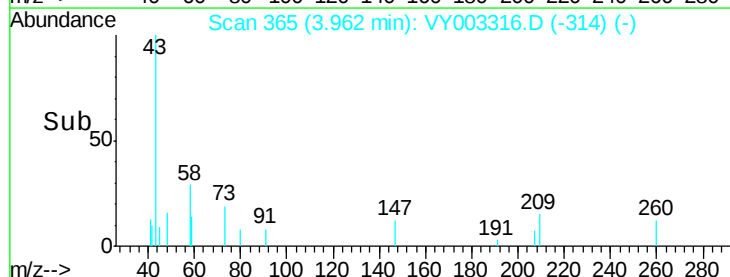
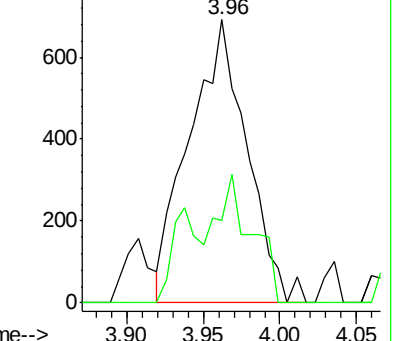
43 100

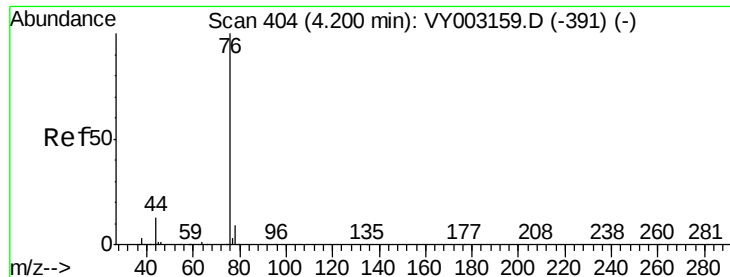
58 43.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003316.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003316.D (-314) (-)

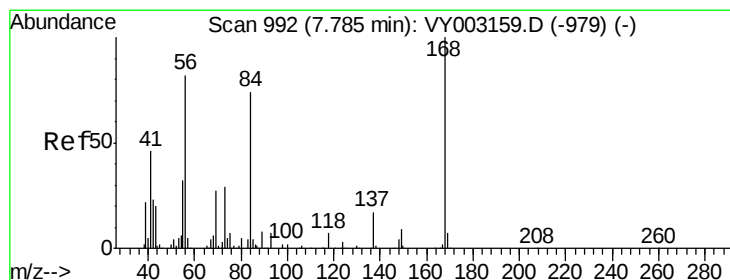
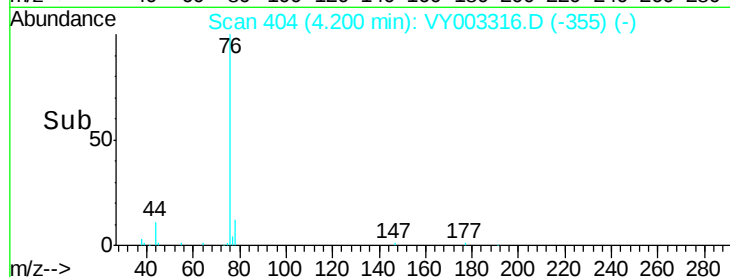
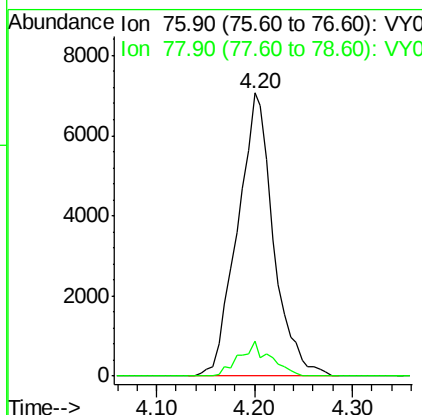
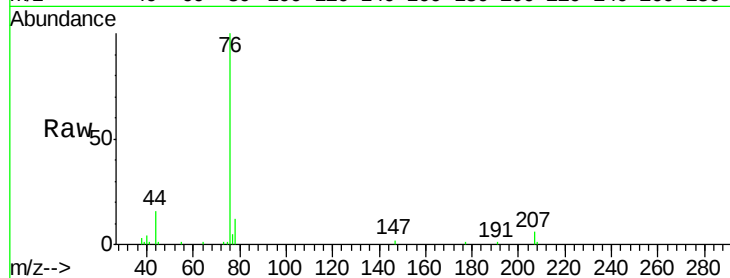




#17
Carbon Disulfide
Concen: 1.479 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003316.D
Acq: 23 Jul 2020 15:10

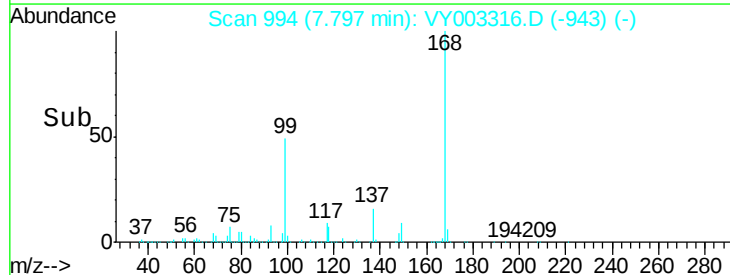
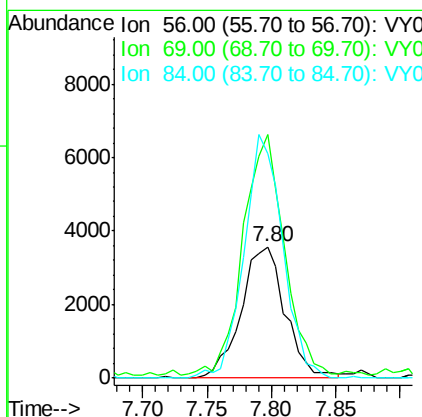
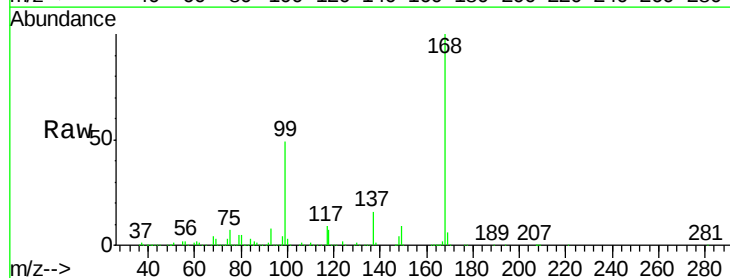
Instrument :
MSVOA_Y
ClientSampleId :
TT-023-IDWSO-20200722

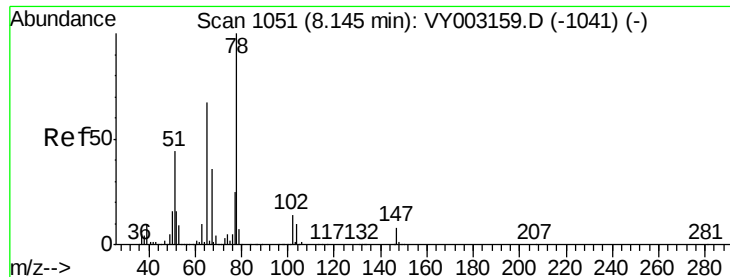
Tot Ion: 76 Resp: 17970
Ion Ratio Lower Upper
76 100
78 12.5 7.3 10.9#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003316.D
Acq: 23 Jul 2020 15:10

Tgt Ion: 56 Resp: 8475
Ion Ratio Lower Upper
56 100
69 182.8 26.7 40.1#
84 170.7 72.3 108.5#





#33

1,2-Dichloroethane-d4

Concen: 56.058 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

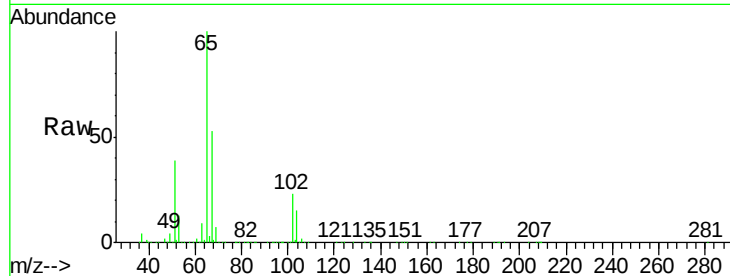
TT-023-IDWSO-20200722

Tot Ion: 65 Resp: 225141

Ion Ratio Lower Upper

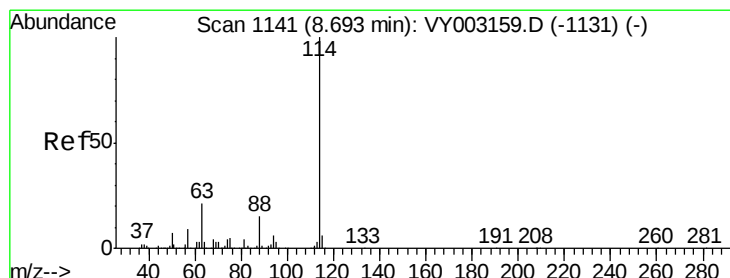
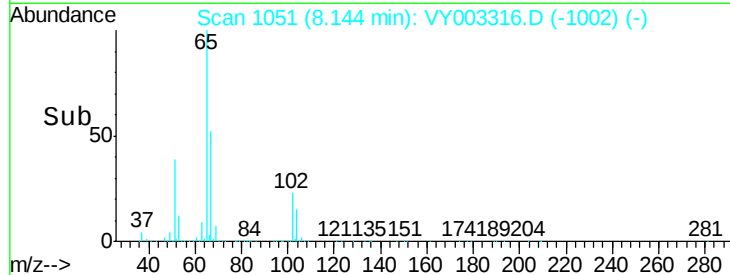
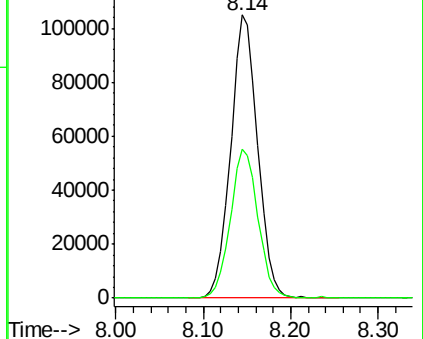
65 100

67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003316.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003316.D (-1002) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

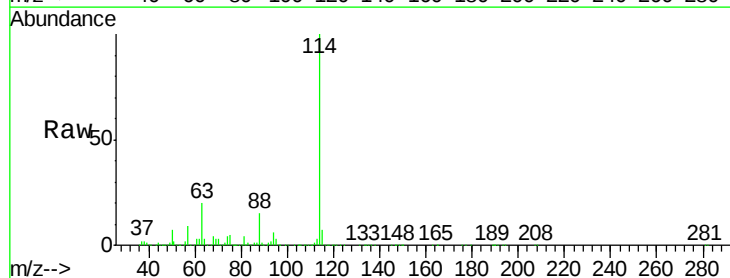
Tgt Ion: 114 Resp: 731754

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

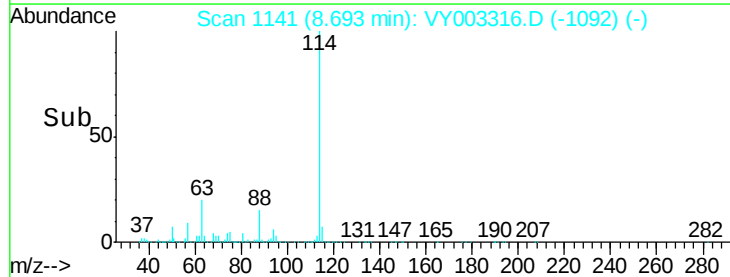
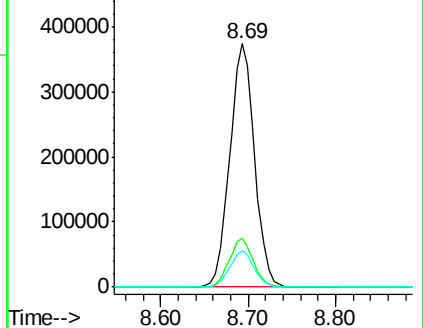
88 14.8 0.0 30.2

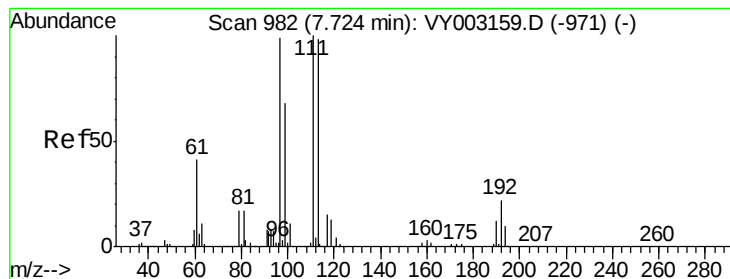


Abundance Ion 113.90 (113.60 to 114.60): VY003316.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY003316.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY003316.D (-1092) (-)





#35

Dibromofluoromethane

Concen: 53.077 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

TT-023-IDWSO-20200722

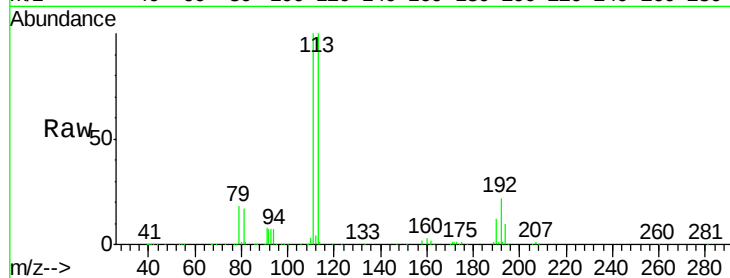
Tot Ion:113 Resp: 223510

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

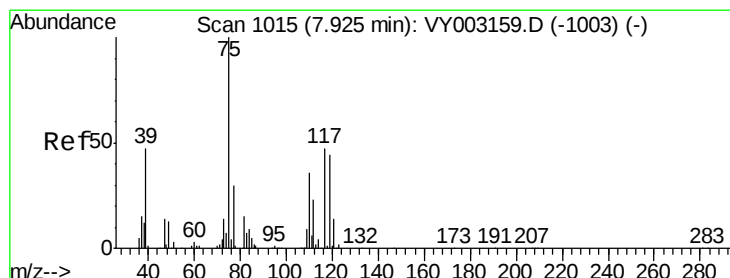
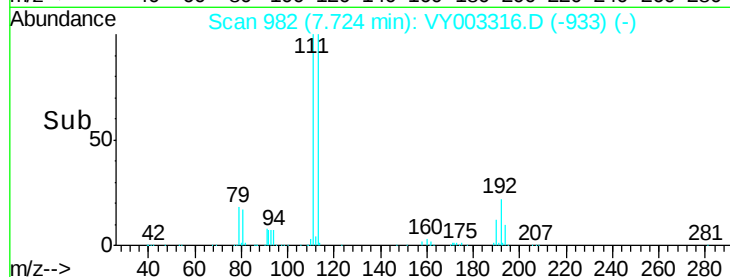
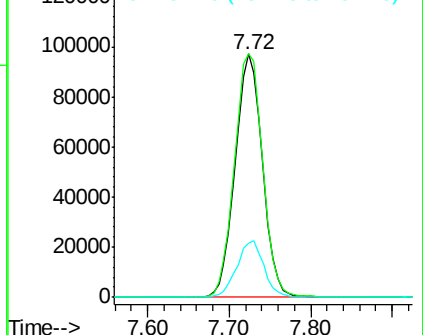
192 23.1 18.8 28.2



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: 4.979 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

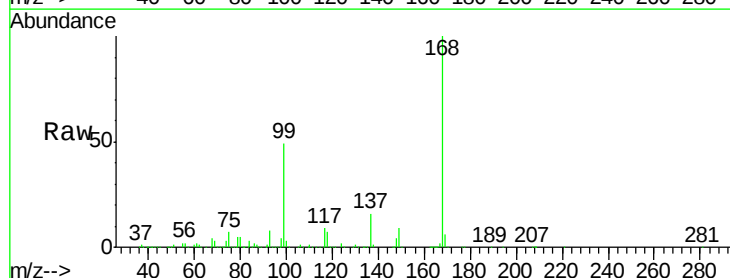
Tgt Ion: 75 Resp: 33019

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

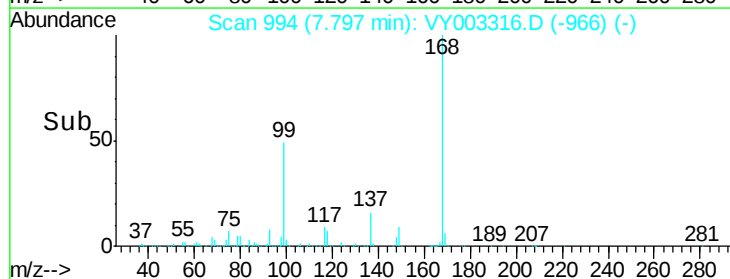
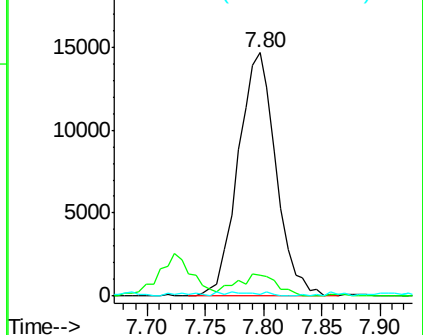
77 0.0 24.8 37.2#

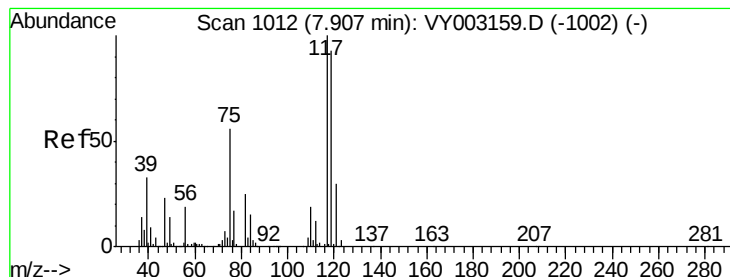


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.154 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

TT-023-IDWSO-20200722

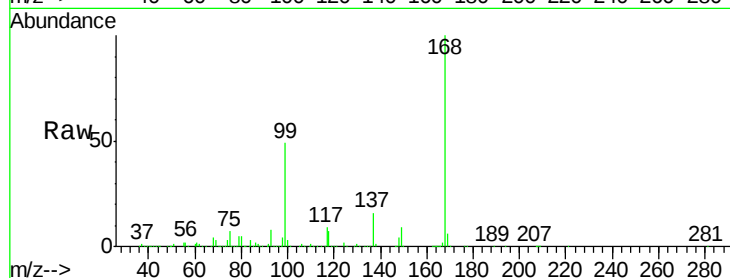
Tot Ion:117 Resp: 42136

Ion Ratio Lower Upper

117 100

119 3.6 74.5 111.7#

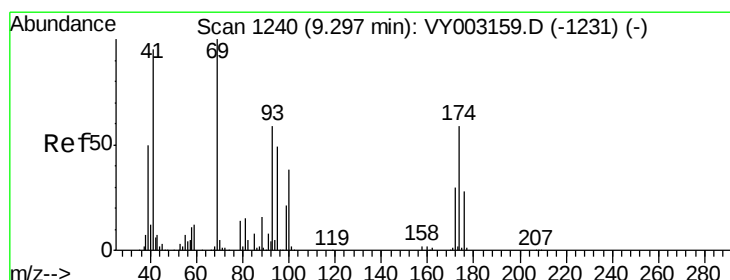
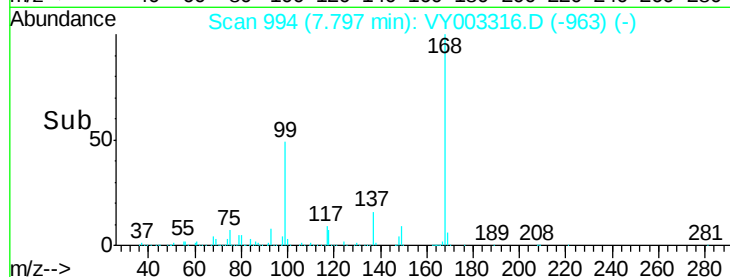
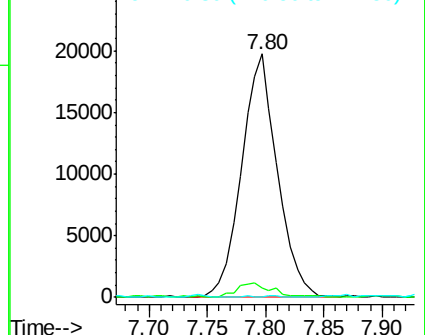
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.941 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

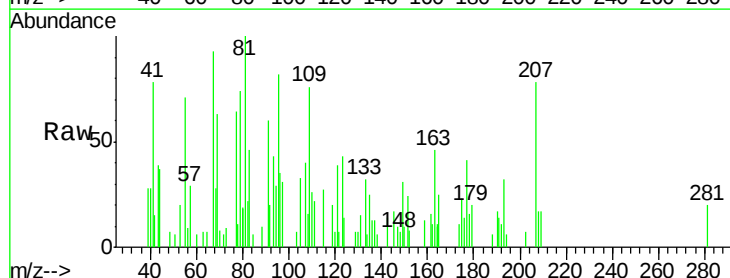
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

43 207.4 25.6 38.4#

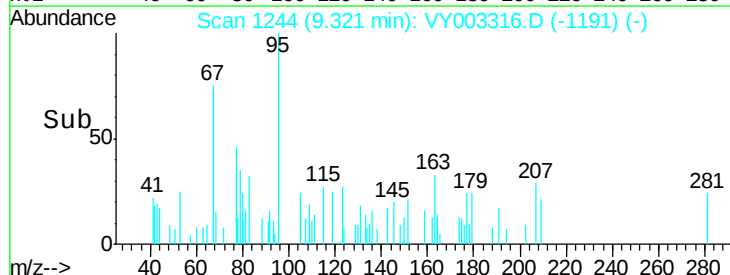
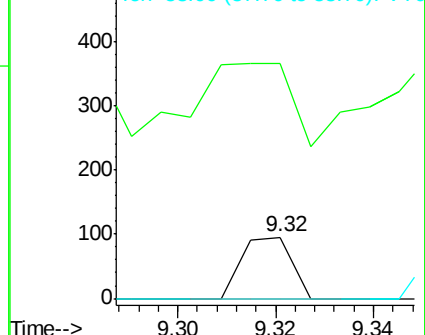
58 0.0 47.8 71.6#

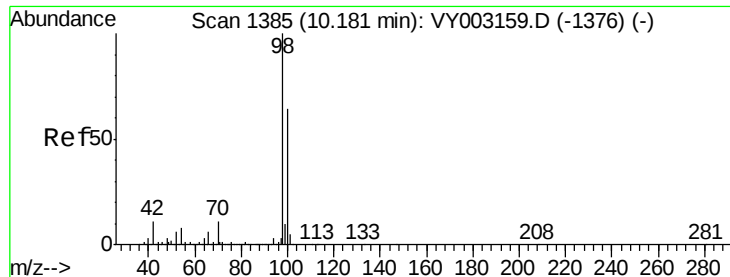


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 57.333 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

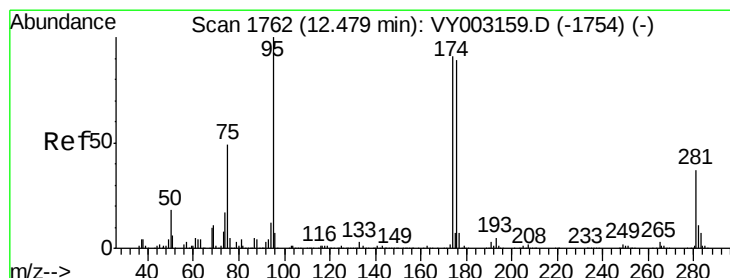
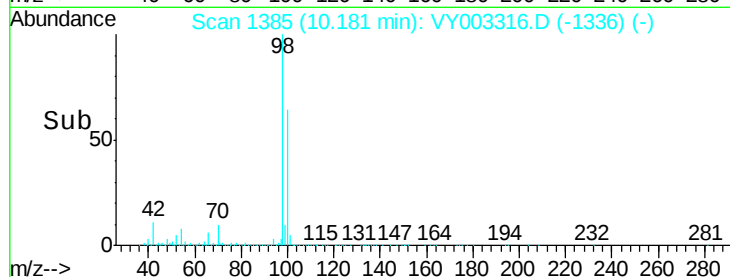
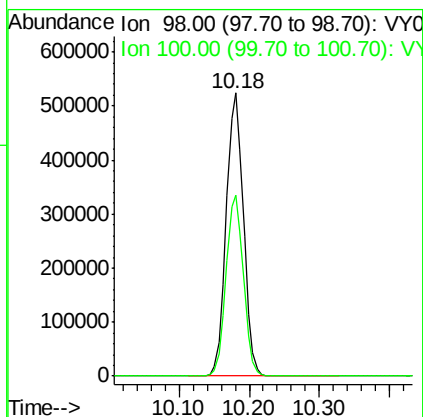
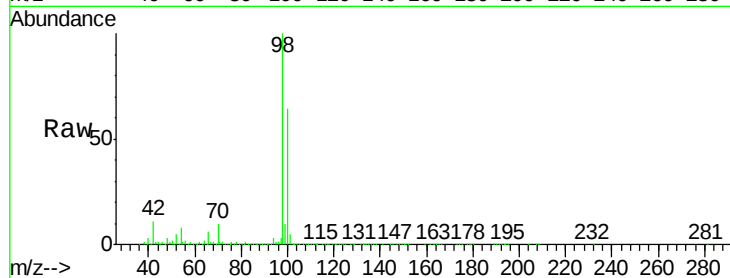
TT-023-IDWSO-20200722

Tot Ion: 98 Resp: 897611

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.725 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

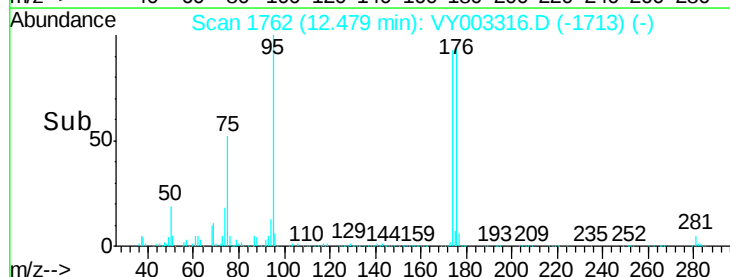
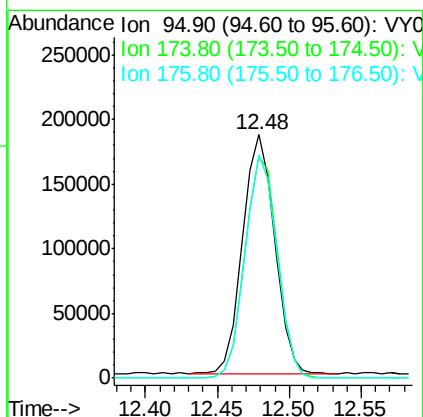
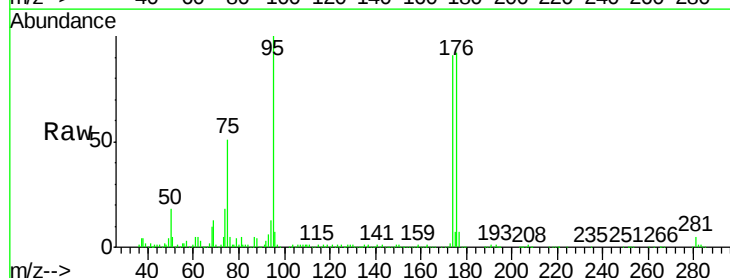
Tgt Ion: 95 Resp: 286896

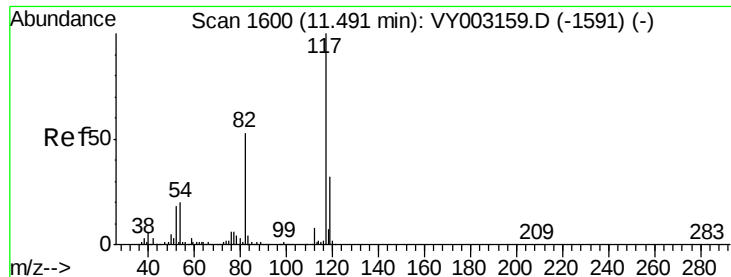
Ion Ratio Lower Upper

95 100

174 93.1 0.0 190.6

176 91.6 0.0 186.4

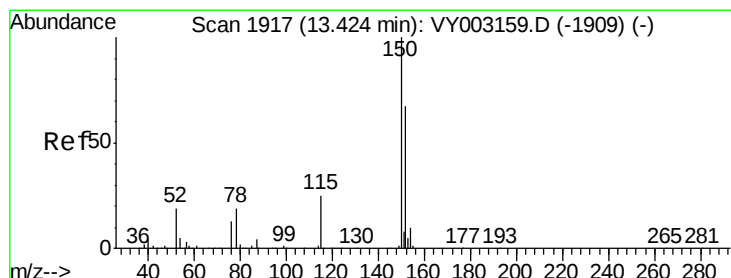
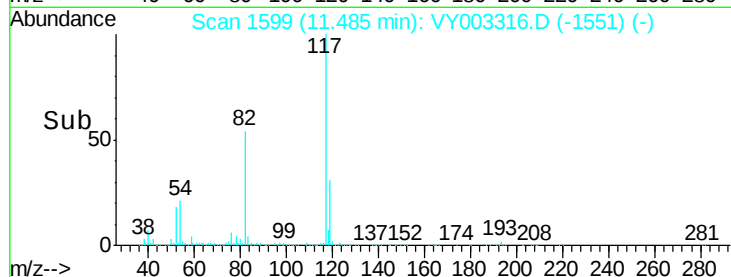
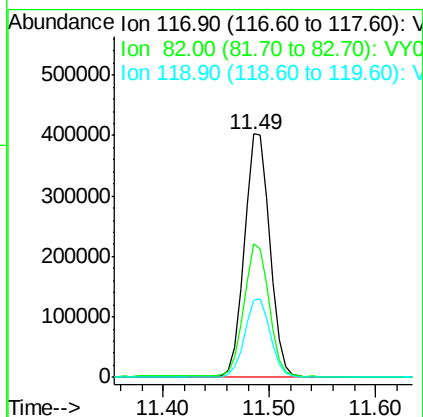
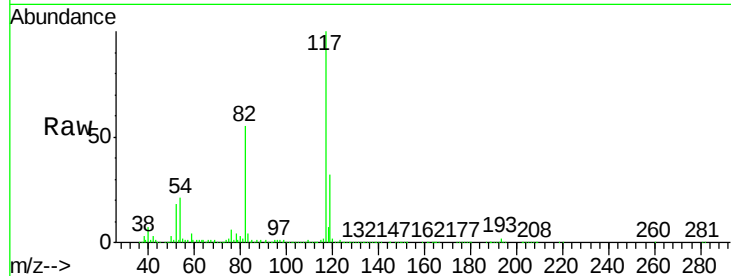




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003316.D
Acq: 23 Jul 2020 15:10

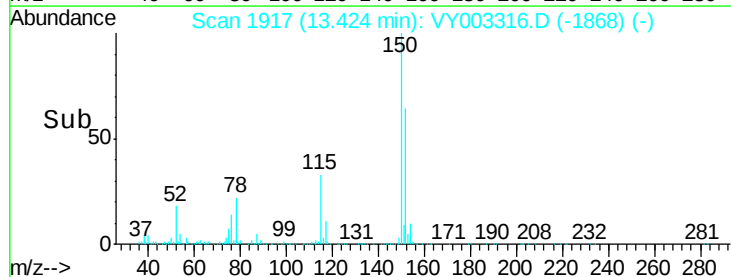
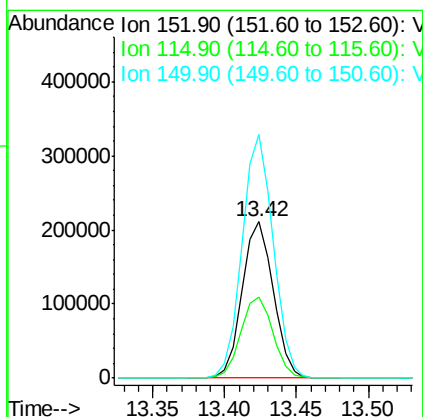
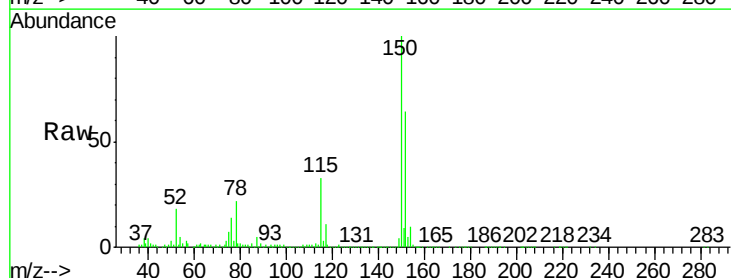
Instrument :
MSVOA_Y
ClientSampleId :
TT-023-IDWSO-20200722

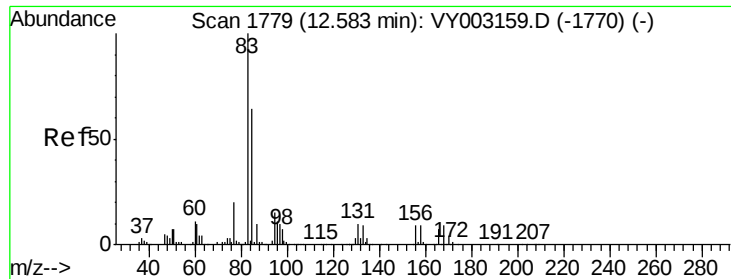
Tot Ion:117 Resp: 675463
Ion Ratio Lower Upper
117 100
82 54.4 42.0 63.0
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003316.D
Acq: 23 Jul 2020 15:10

Tgt Ion:152 Resp: 314494
Ion Ratio Lower Upper
152 100
115 53.6 26.9 80.7
150 155.6 0.0 338.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.305 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.23 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

TT-023-IDWSO-20200722

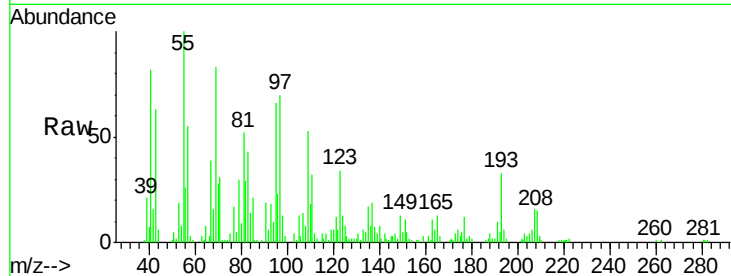
Tot Ion: 83 Resp: 5053

Ion Ratio Lower Upper

83 100

131 8.5 5.2 15.6

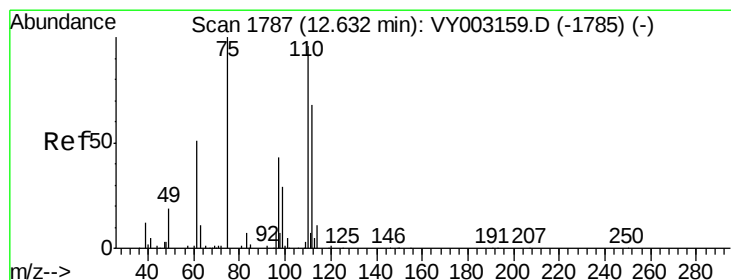
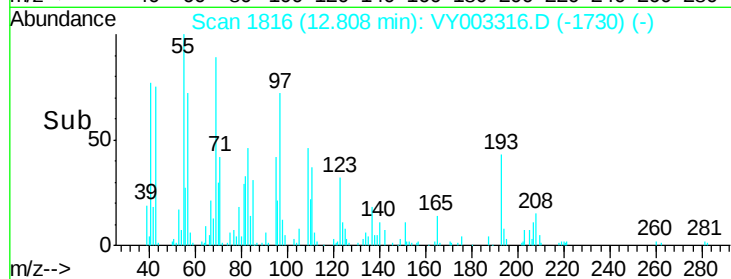
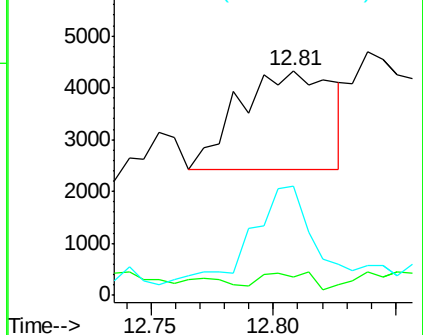
85 73.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 51.763 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003316.D

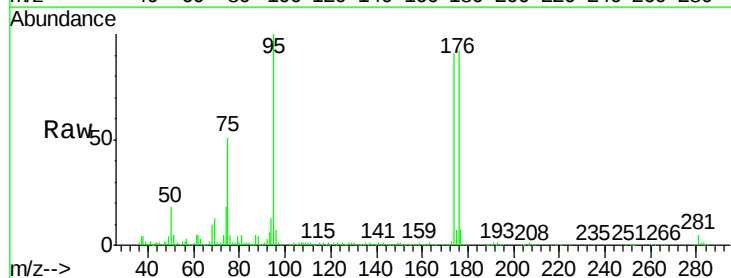
Acq: 23 Jul 2020 15:10

Tgt Ion: 75 Resp: 144099

Ion Ratio Lower Upper

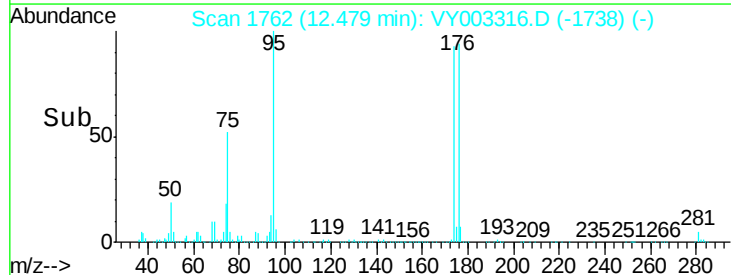
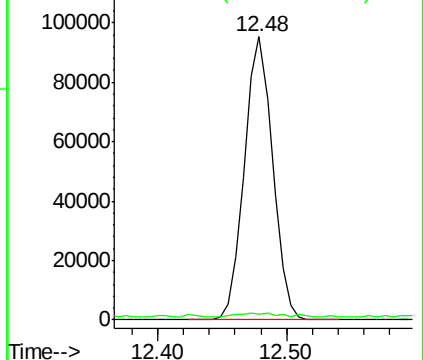
75 100

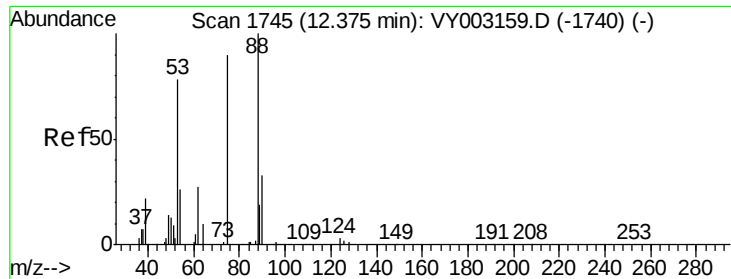
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 100.741 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003316.D

Acq: 23 Jul 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

TT-023-IDWSO-20200722

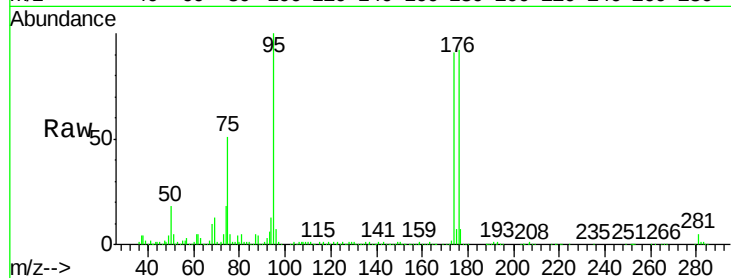
Tot Ion: 75 Resp: 144099

Ion Ratio Lower Upper

75 100

53 0.3 72.0 108.0#

89 0.2 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

