

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003082.D
 Acq On : 02 Jul 2020 14:00
 Operator : SY/MD
 Sample : L3210-01
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-022-IDWSO-20200701

Quant Time: Jul 03 02:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

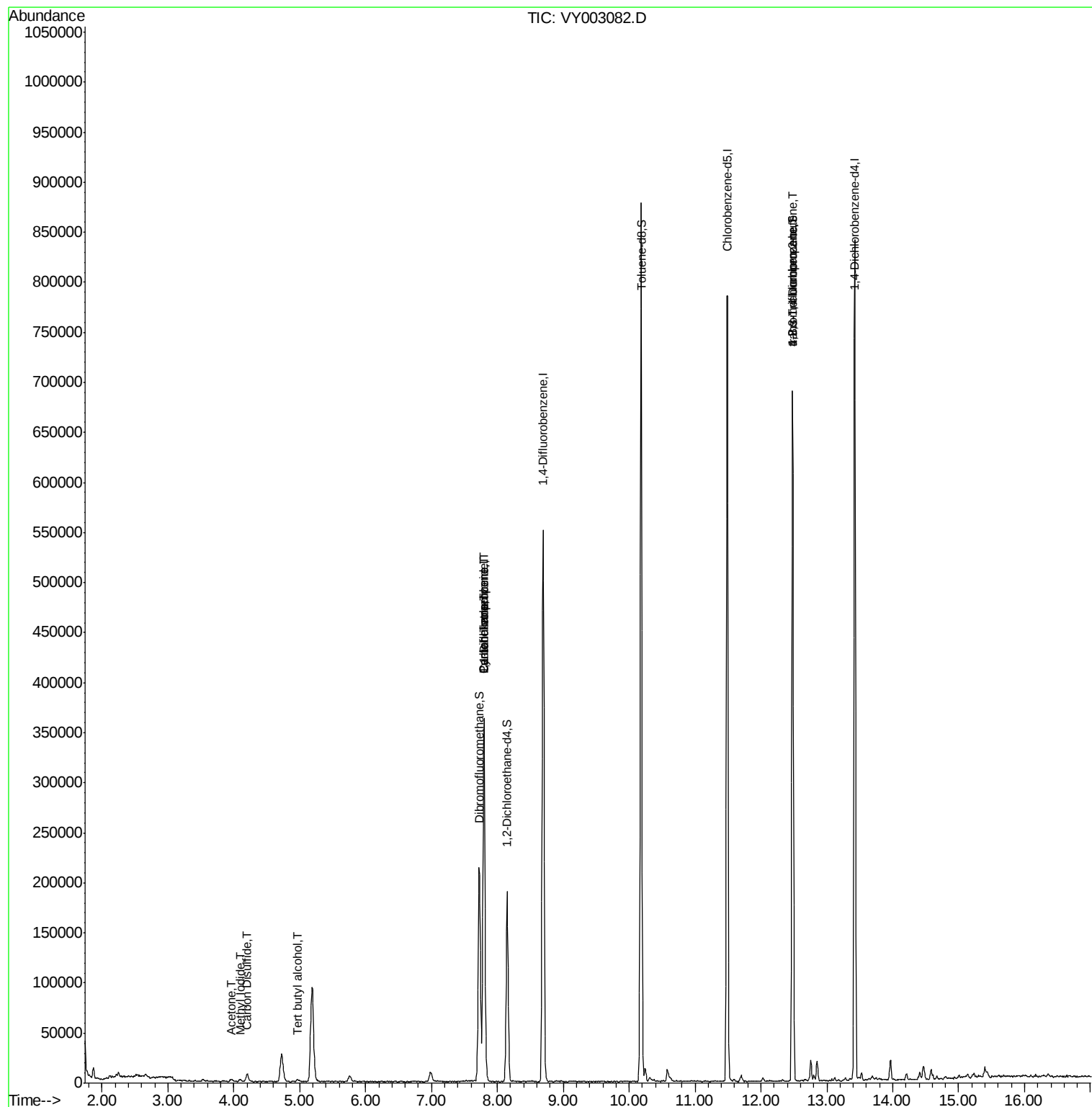
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	466670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	147254	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.72	113	152167	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.18	98	565315	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	191736	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	3660	1.122	ug/l	100
11) Tert butyl alcohol	4.97	59	3296	11.286	ug/l #	91
16) Acetone	3.96	43	3511	5.195	ug/l	93
17) Carbon Disulfide	4.20	76	13533	1.692	ug/l #	89
31) Cyclohexane	7.80	56	5644	1.120	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	20487	4.558	ug/l #	42
38) Carbon Tetrachloride	7.79	117	25569	5.467	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	99940	46.546	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	99940	90.560	ug/l #	12

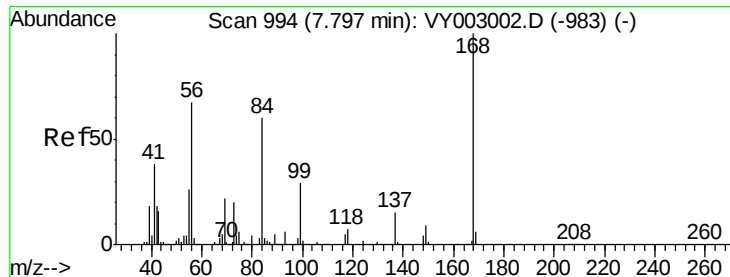
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Quant Title : SW846 8260
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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: VY003082.D

Acq: 02 Jul 2020 14:00

Instrument :

MSVOA_Y

ClientSampleId :

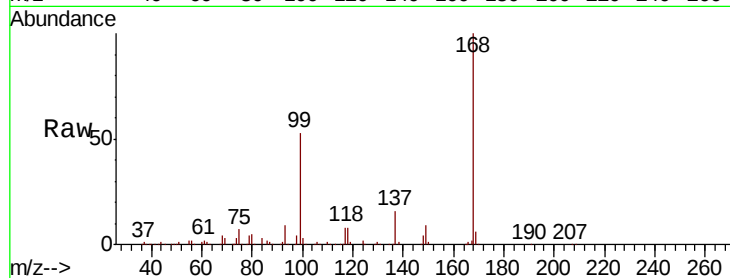
TT-022-IDWSO-20200701

Tot Ion:168 Resp: 288517

Ion Ratio Lower Upper

168 100

99 53.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

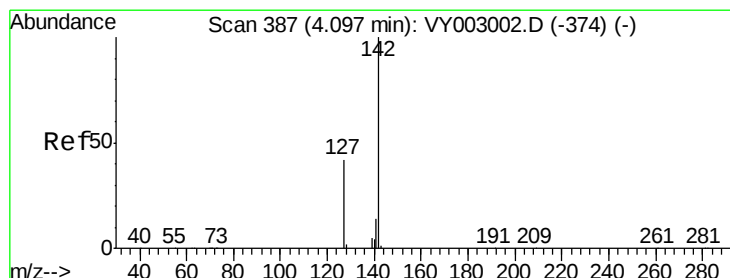
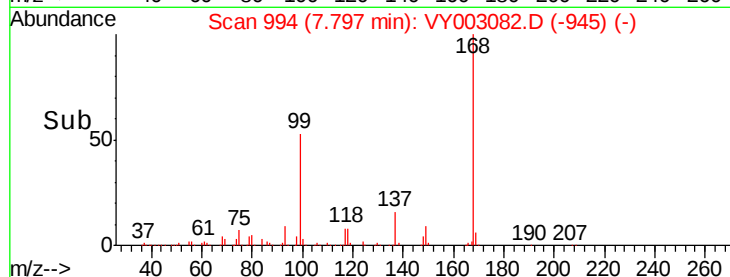
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 1.122 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

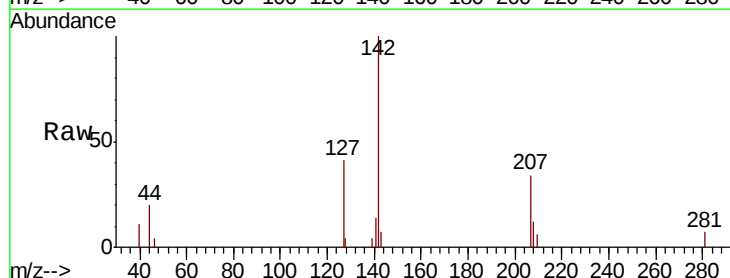
Tgt Ion:142 Resp: 3660

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

141 15.3 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2000

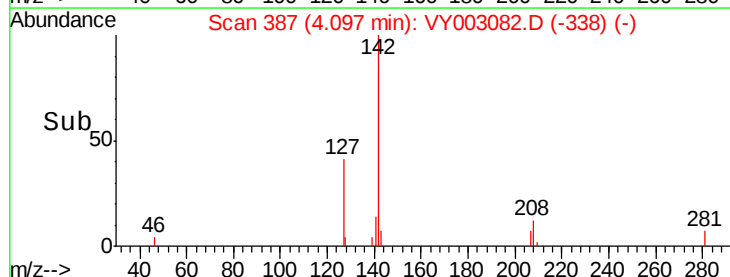
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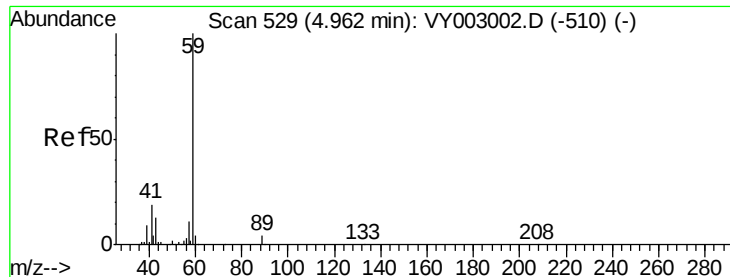
1000

500

0

Time-->

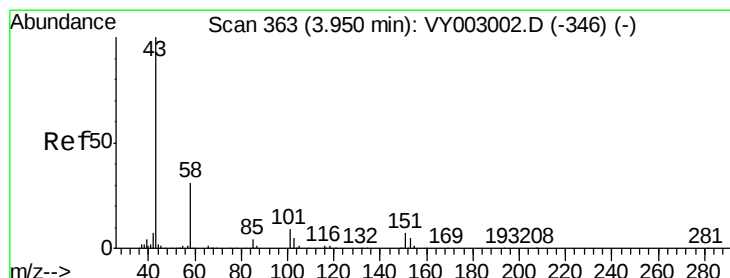
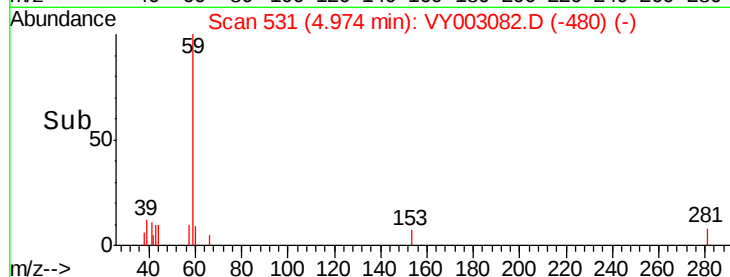
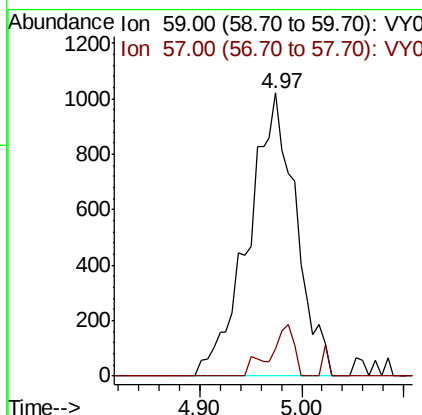
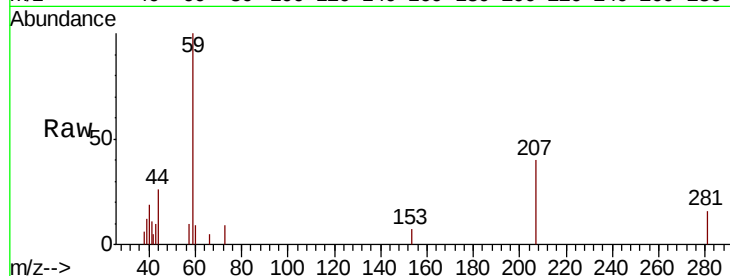




#11
Tert butyl alcohol
Concen: 11.286 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

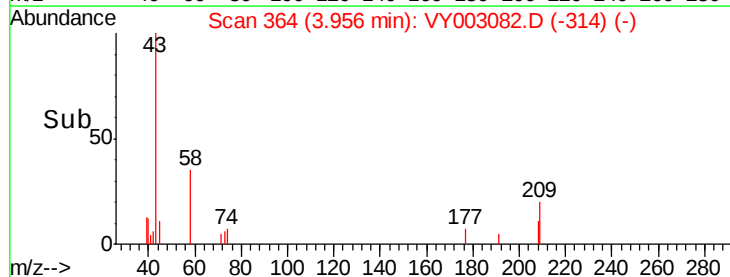
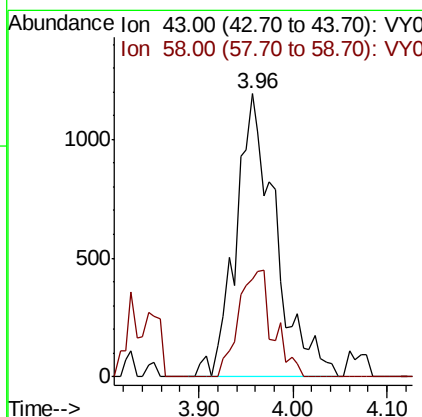
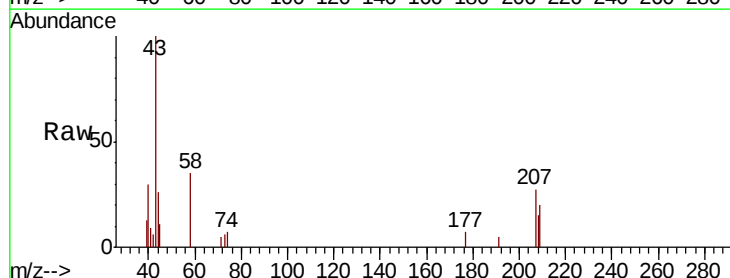
Instrument :
MSVOA_Y
ClientSampleId :
TT-022-IDWSO-20200701

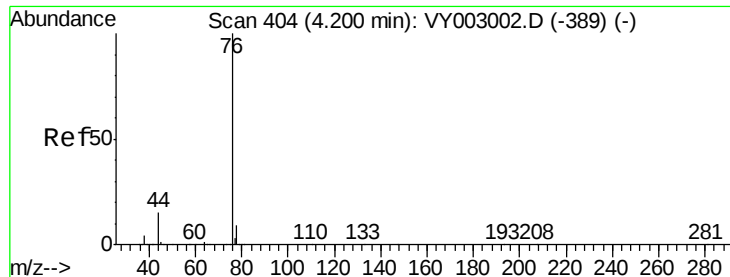
Tot Ion: 59 Resp: 3296
Ion Ratio Lower Upper
59 100
57 6.8 8.0 12.0#



#16
Acetone
Concen: 5.195 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Tgt Ion: 43 Resp: 3511
Ion Ratio Lower Upper
43 100
58 34.6 24.7 37.1





#17

Carbon Disulfide

Concen: 1.692 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

Instrument :

MSVOA_Y

ClientSampleId :

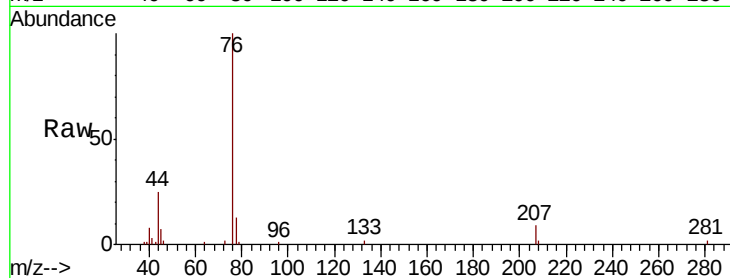
TT-022-IDWSO-20200701

Tot Ion: 76 Resp: 13533

Ion Ratio Lower Upper

76 100

78 12.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

6000

5000

4000

3000

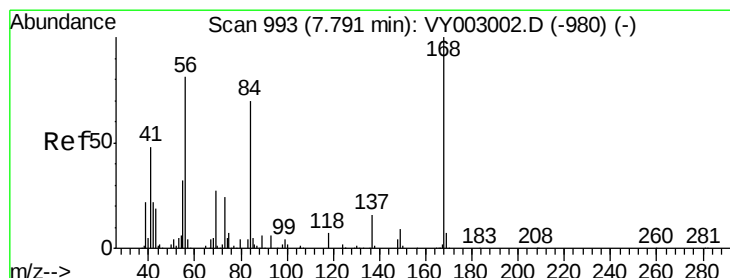
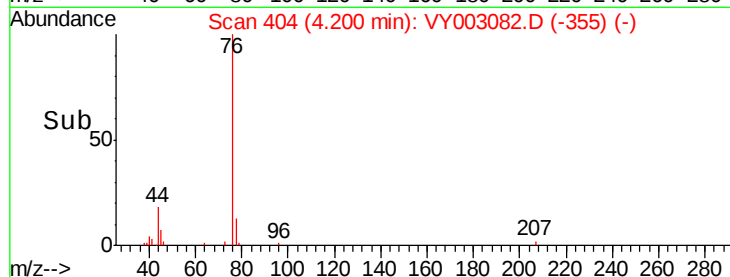
2000

1000

0

Time-->

4.10 4.20 4.30



#31

Cyclohexane

Concen: 1.120 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

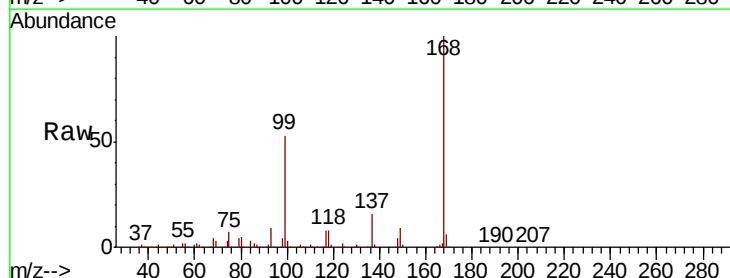
Tgt Ion: 56 Resp: 5644

Ion Ratio Lower Upper

56 100

69 173.5 27.0 40.4#

84 142.9 68.1 102.1#



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

6000

5000

4000

3000

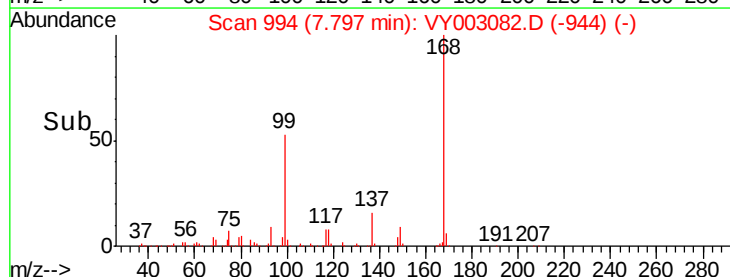
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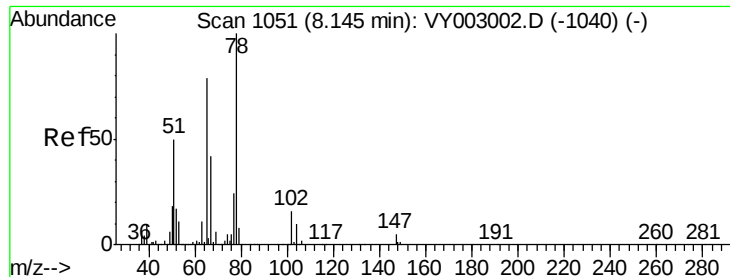
1000

0

Time-->

7.70 7.75 7.80 7.85

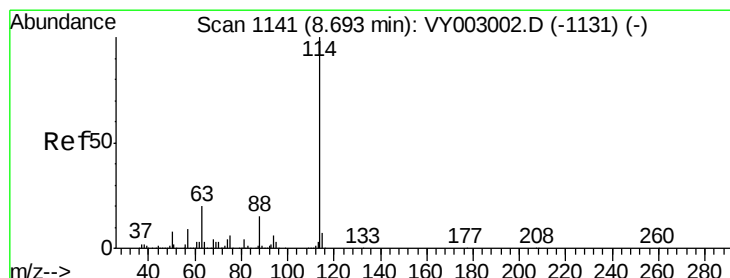
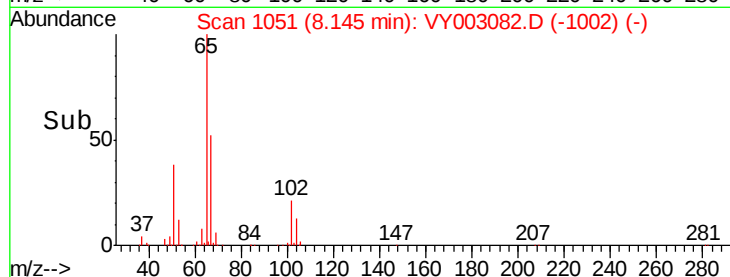
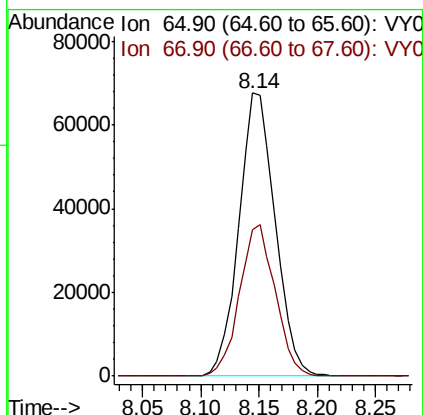
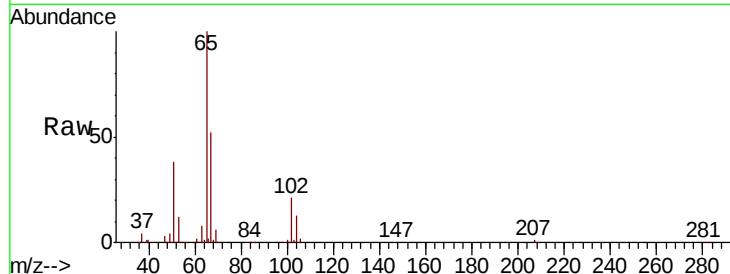




#33
 1,2-Dichloroethane-d4
 Concen: 51.388 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003082.D
 Acq: 02 Jul 2020 14:00

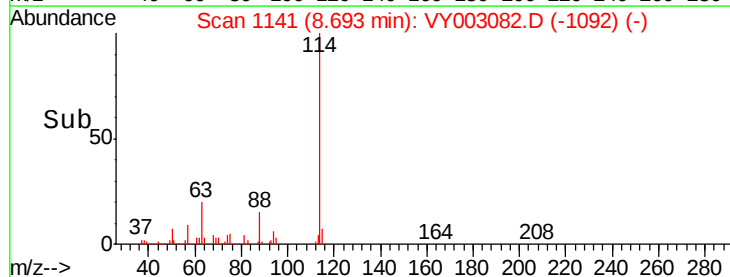
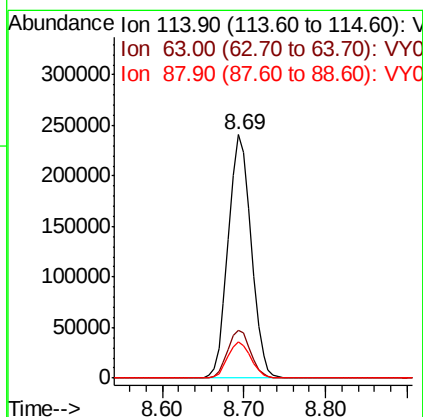
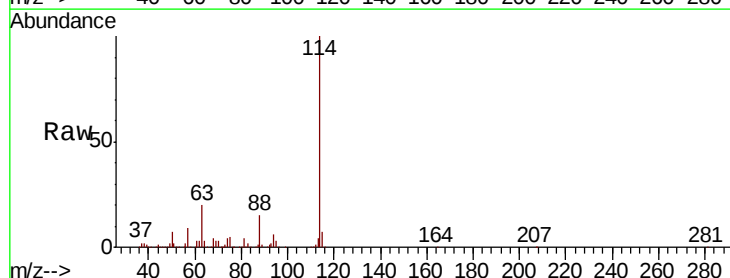
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-022-IDWSO-20200701

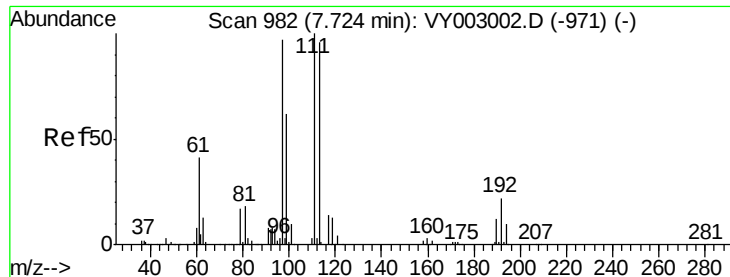
Tot Ion: 65 Resp: 147254
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003082.D
 Acq: 02 Jul 2020 14:00

Tgt Ion: 114 Resp: 466670
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 15.1 0.0 30.0

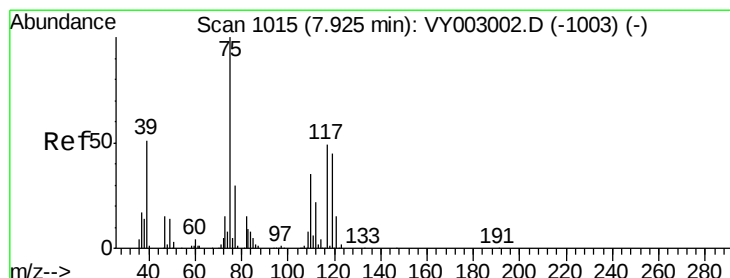
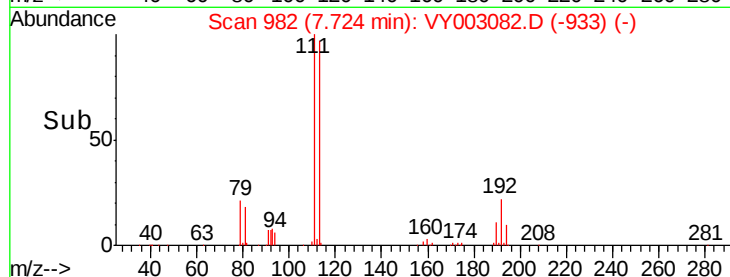
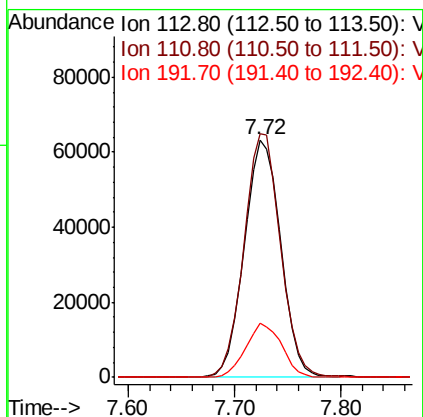
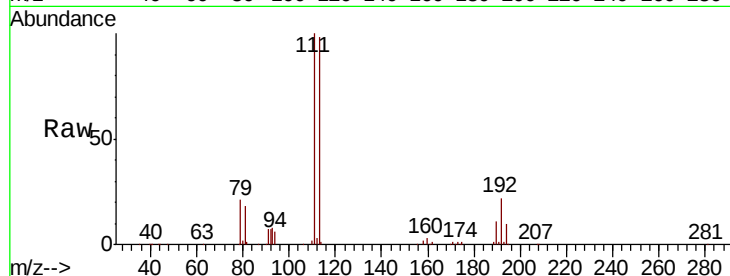




#35
Dibromofluoromethane
Concen: 52.270 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

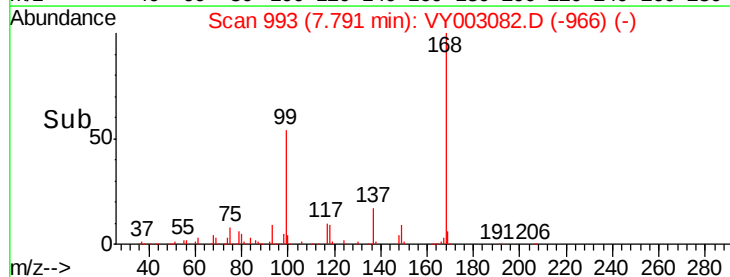
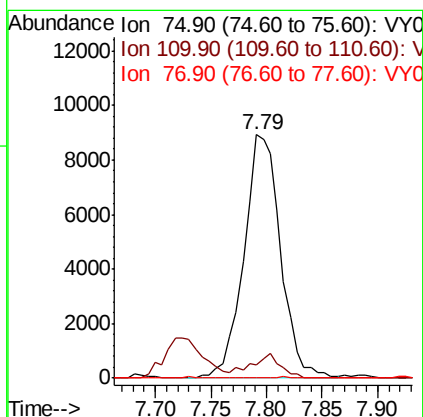
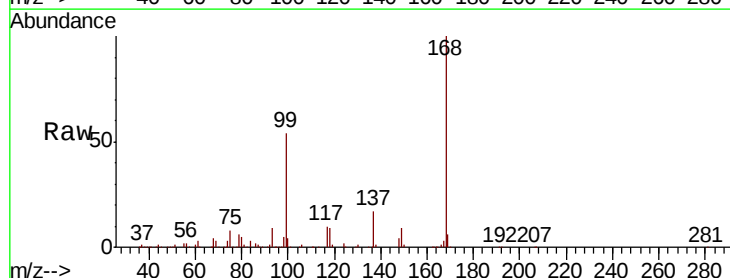
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MSVOA_Y
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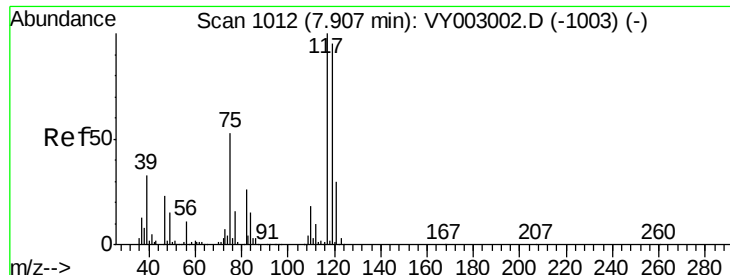
Tot Ion:113 Resp: 152167
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 22.7 18.1 27.1



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Tgt Ion: 75 Resp: 20487
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.9 37.3#

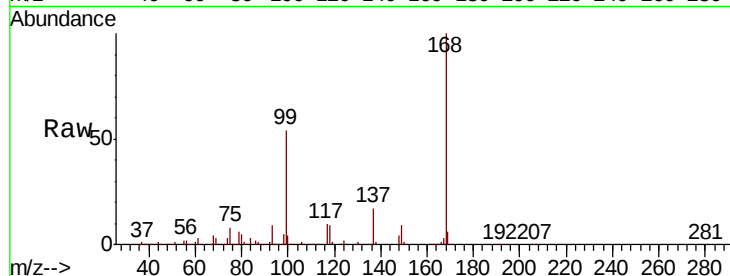




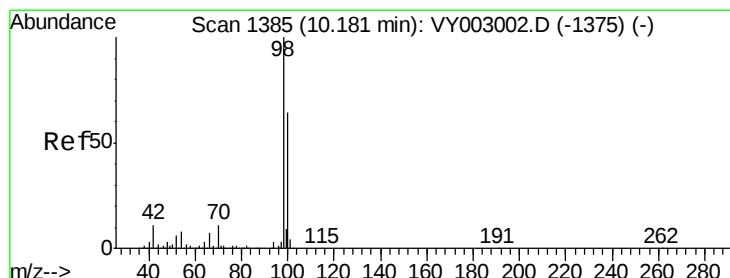
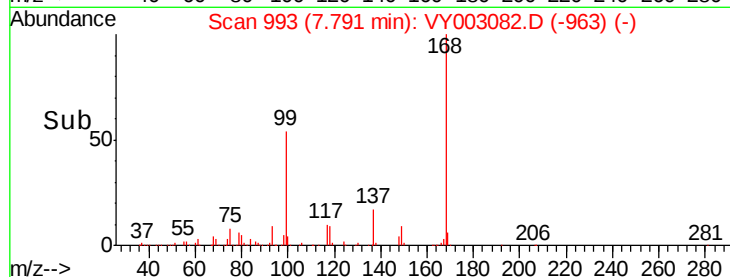
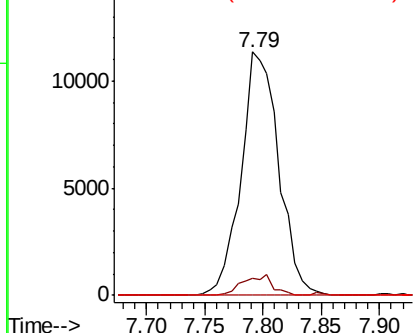
#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Instrument :
MSVOA_Y
ClientSampleId :
TT-022-IDWSO-20200701

Tot Ion:117 Resp: 25569
Ion Ratio Lower Upper
117 100
119 7.0 75.7 113.5#
121 0.0 23.9 35.9#

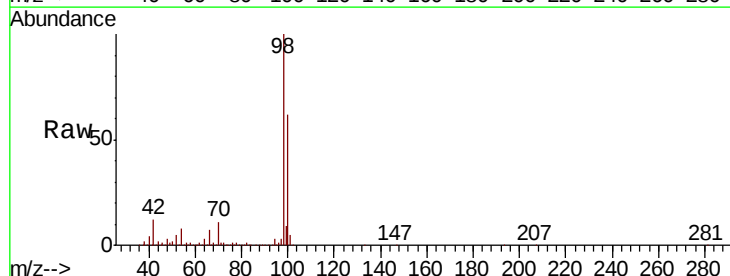


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

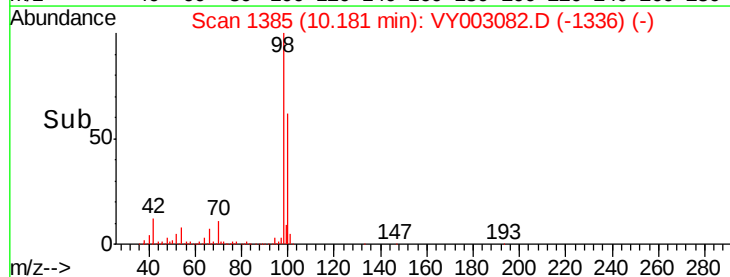
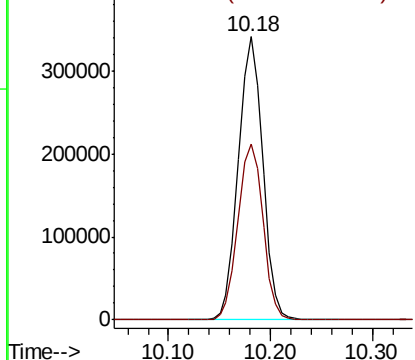


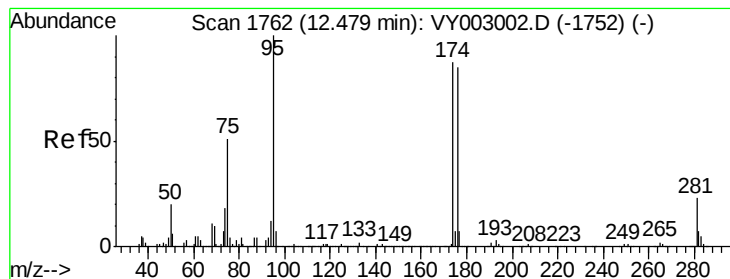
#50
Toluene-d8
Concen: 52.125 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Tgt Ion: 98 Resp: 565315
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 50.224 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

Instrument :

MSVOA_Y

ClientSampleId :

TT-022-IDWSO-20200701

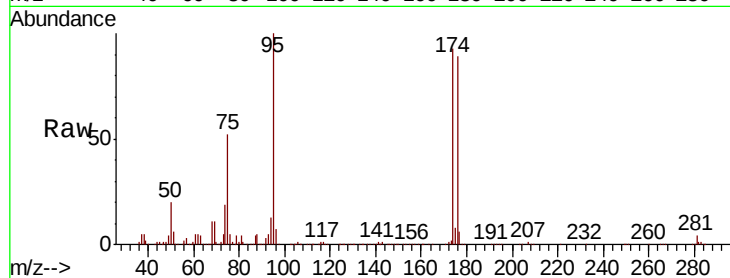
Tot Ion: 95 Resp: 191736

Ion Ratio Lower Upper

95 100

174 94.0 0.0 184.8

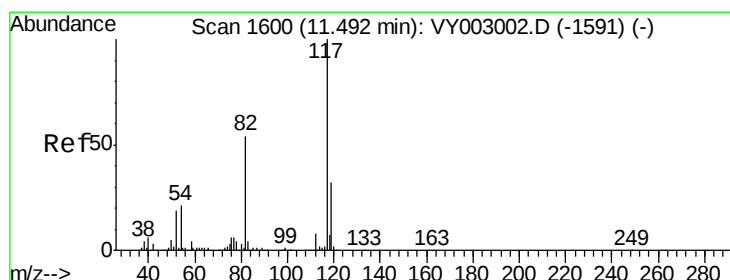
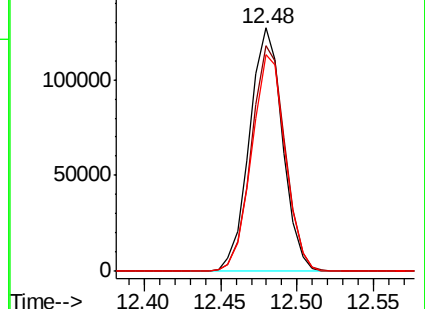
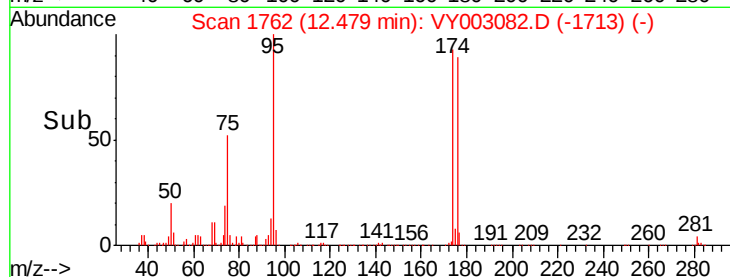
176 90.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003082.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003082.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003082.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

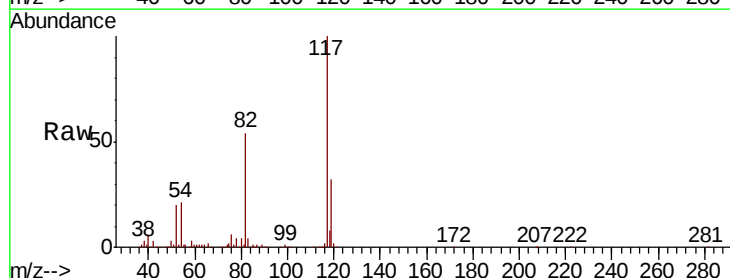
Tgt Ion: 117 Resp: 436573

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

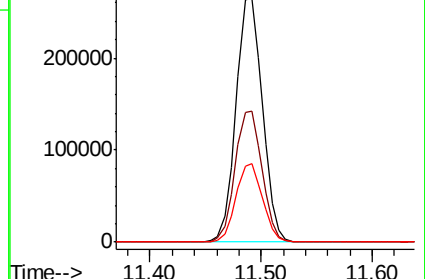
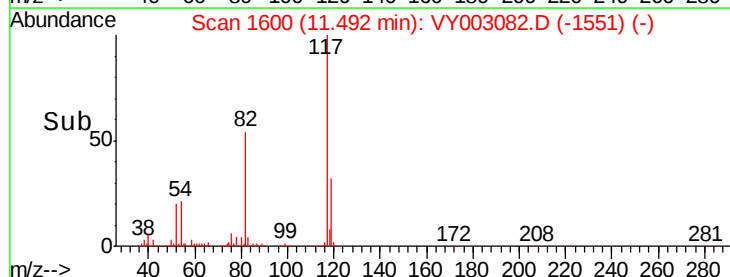
119 32.2 25.8 38.8

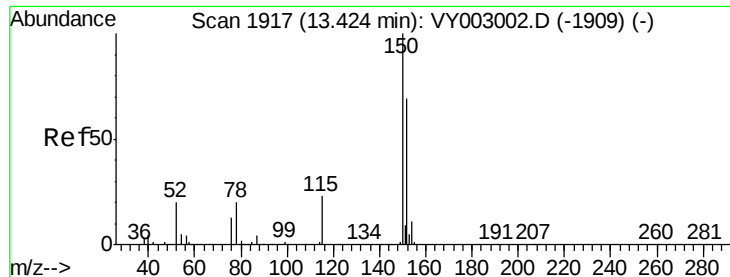


Abundance Ion 116.90 (116.60 to 117.60): VY003082.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003082.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003082.D (-1591) (-)



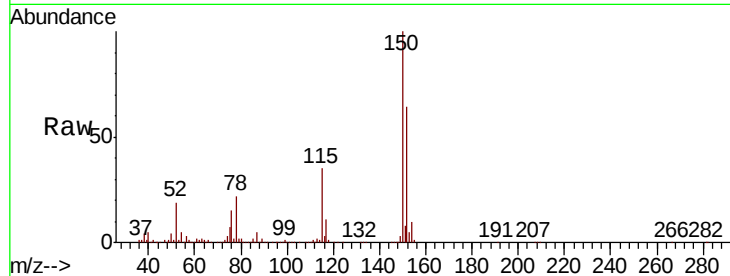


#72

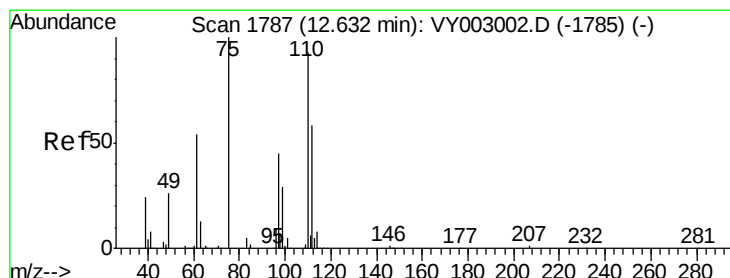
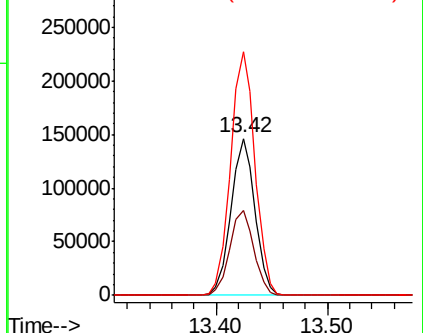
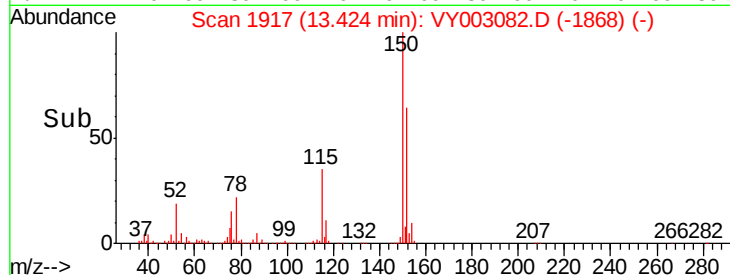
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Instrument :
MSVOA_Y
ClientSampleId :
TT-022-IDWSO-20200701

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	158.4	0.0	343.4



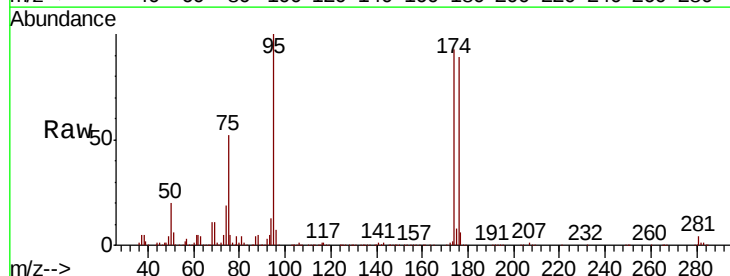
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



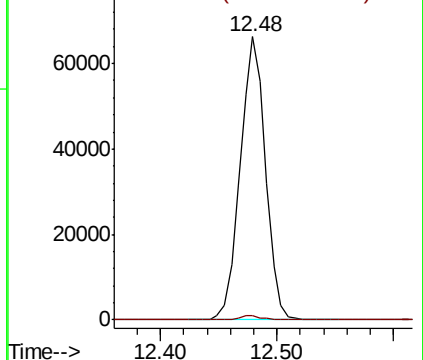
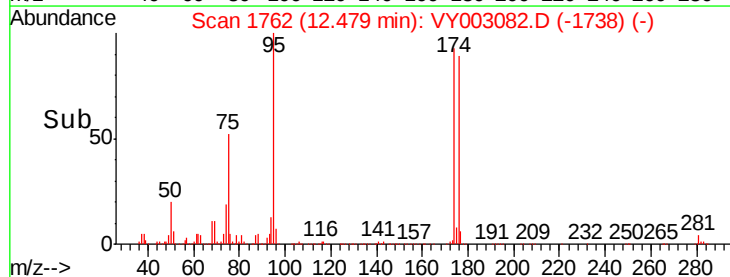
#76

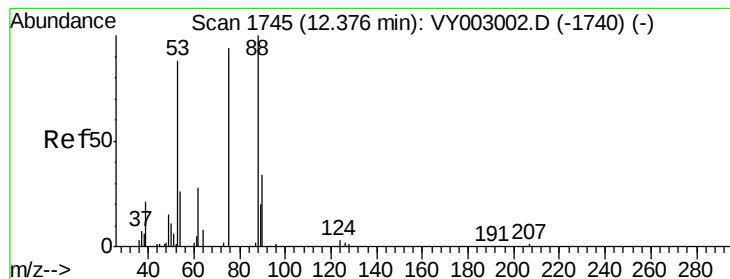
1,2,3-Trichloropropane
Concen: 46.546 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003082.D
Acq: 02 Jul 2020 14:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 90.560 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003082.D

Acq: 02 Jul 2020 14:00

Instrument :

MSVOA_Y

ClientSampleId :

TT-022-IDWSO-20200701

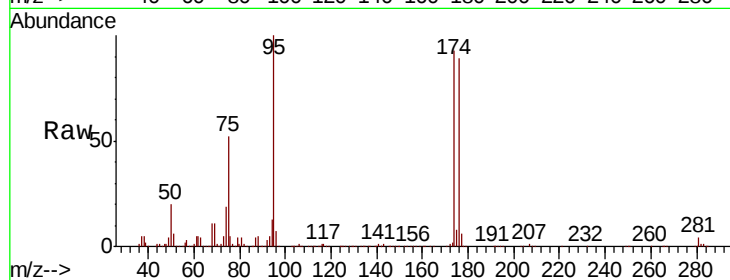
Tot Ion: 75 Resp: 99940

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.0 37.5 56.3#



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

